



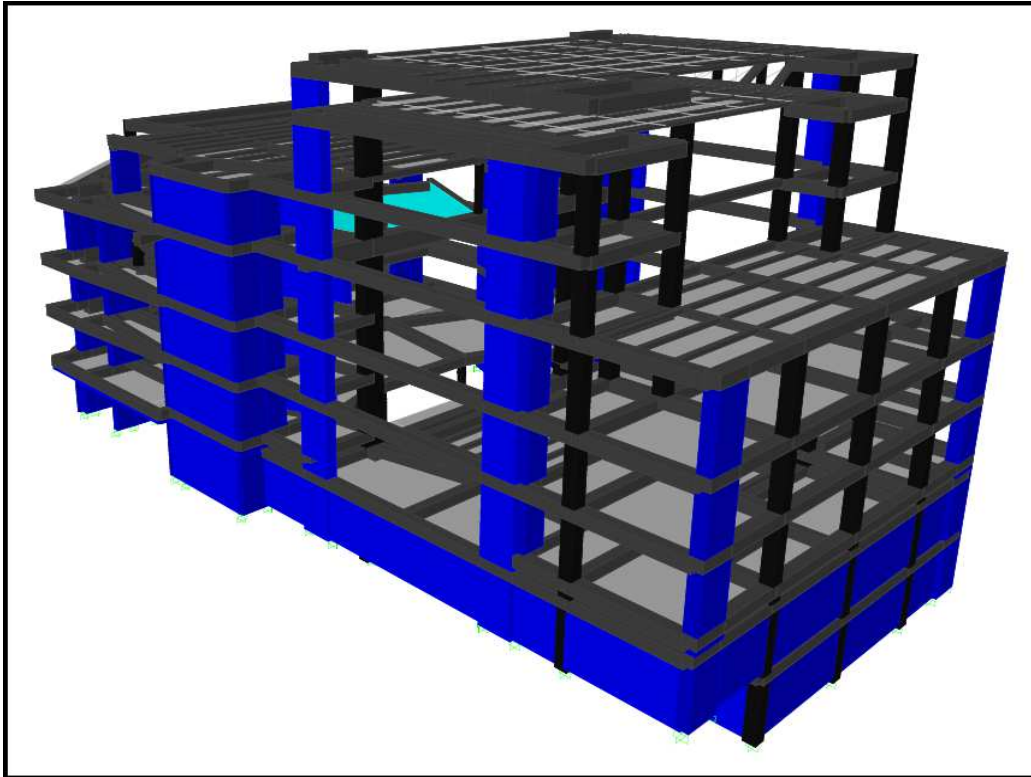
# **PROYECTO**

**COLEGIO Y TEATRO EL ENSUEÑO**

**TEATRO**

**ANALISIS Y DISEÑO ESTRUCTURAL**

## **MEMORIA DE CALCULOS**



### **1.0 DESCRIPCION DE PROYECTO.**

El teatro es una edificación con seis niveles de losas aligeradas, un sótano y una cubierta en lamina colaborante, soportadas en porticos y vigas de concreto, cimentados en caissons.

### **2.0 UBICACION**

Bogota - Cundinamarca.

### **3.0 TIPO DE SISTEMA - ESTRUCTURAL**

Porticos de concreto.

## 4.0 GEOMETRIA

### 4.1 NIVELES

N-6.79	Cimentacion
N-4.45	Losa sotano 1
N+0.00	Losa primer piso
N+3.42	Losa segundo piso
N+6.84	Losa tercer piso
N+11.10	Cubierta 1
N+14.25	Cubierta 2
N+20.82	Cubierta 3

### 4.2 EJES LONGITUDINALES

EJES 1G-8G

### 4.3 EJES TRANSVERSALES

EJES G1-G12

### 4.4 TIPOS DE LOSA

Losa Aligerada (H=60cm), Steel deck (H=10 cm, 11 cm)

### 4.5 TIPOS DE CIMENTACION

Caissons

## 5.0 ESPECIFICACIONES DE MATERIALES

### 5.1 CONCRETO

$f'c = 21 \text{ Mpa}$	Cimentacion y losas.
$f'c = 28 \text{ Mpa}$	Columnas.
$f'c = 35 \text{ Mpa}$	Pantallas.

### 5.2 ACERO DE REFUERZO

$F_y = 420 \text{ Mpa}$	$\emptyset \geq 3/8"$
$F_y = 260 \text{ Mpa}$	$\emptyset \leq 1/4"$
$F_y = 420 \text{ Mpa}$	Mallas electrosoldadas

<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
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### 5.3 ACERO ESTRUCTURAL

Perfiles Laminados y Platinas ASTM A-572 gr50 ( $F_y=350$  Mpa)  
 Perfiles Tubulares ASTM A-588 ( $F_y=350$  Mpa)  
 Acero de Steel Deck -Lamina Colaborante ASTM A-570 ( $F_y=232$  Mpa)  
 Acero de Elementos Formados en Frio ( $F_y=350$  Mpa)  
 Uniones:  
     Pernos de Anclaje Astm A-307 (Pernos B-7)  
     Tornillos de Alta Resistencia ASTM A-325  
     Soldaduras E70XX

### 6.0 RESUMEN DE CARGAS

#### EN NIVELES DE LOSA ALIGERADA

**N-4.45, N+0.00, N+1.05, N+3.42, N+6.84**

CM: 768 kg/m<sup>2</sup>  
 CV: 500 kg/m<sup>2</sup>

**N+11.10**

CM: 718 kg/m<sup>2</sup>  
 CV: 500 kg/m<sup>2</sup>

**N+14.25**

CM: 718 kg/m<sup>2</sup>      CG: 100 kg/m<sup>2</sup>  
 CV: 200 kg/m<sup>2</sup>

#### EN NIVELES DE LAMINA COLABORANTE

**N+0.00**

CM: 612 kg/m<sup>2</sup>  
 CV: 500 kg/m<sup>2</sup>

**N+6.84**

CM: 588 kg/m<sup>2</sup>  
 CV: 500 kg/m<sup>2</sup>

**N+11.10, N+14.25, N+20.82**

CM: 538 kg/m<sup>2</sup>      CG: 100 kg/m<sup>2</sup>  
 CV: 200 kg/m<sup>2</sup>

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## 7.0 CALCULO DEL COEFICIENTE R

SISTEMA ESTRUCTURAL :  
GRADO DE DISIPACION DE ENERGIA:

**R<sub>o</sub>:**

**Ω<sub>o</sub>:**

IRREGULARIDADES: (ver Anexo)

Planta

**Ø<sub>p</sub>:**

Alzada

**Ø<sub>a</sub>:**

Redundancia

**Ø<sub>r</sub>:**

**Porticos de concreto**

**DMO**

**5**

**3.0**

**1**

**1**

**0.75**

**FACTOR R:**

**3.75**

## 8.0 PARAMETROS ESTUDIO DE SUELOS

Estudio de suelos realizado por el GRUPO CAÑASGORDAS: Ing. Carlos Julio Echeverry

### 8.1 ESPECTRO DE DISEÑO

Zona de Amenaza Sísmica:

Aceleracion Pico Efectiva

Velocidad Pico Efectiva

**Intermedia**

**Aa: 0.15**

**Av: 0.2**

### 8.2 RECOMENDACIONES DE CIMENTACION

Caissons a 22mts.

## 9.0 REVISION DE DERIVAS

Deriva Maxima en el Sentido Longitudinal:

**0.46%**

**<=**

**1%**

**OK!**

Deriva Maxima en el Sentido Transversal:

**0.30%**

**<=**

**1%**

**OK!**

### 9.2 UMBRAL DE DAÑO

Deriva Maxima en el Sentido Longitudinal:

**0.21%**

**<=**

**0.40%**

**OK!**

Deriva Maxima en el Sentido Transversal:

**0.14%**

**<=**

**0.40%**

**OK!**



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## **ANEXOS**

### **1. ESQUEMAS DEL MODELO**

### **2. AVALUO DE CARGAS**

- 2.1. AVALUO DE CARGAS VERTICALES
- 2.2. ESPECTRO DE DISEÑO
- 2.3. REVISION DE IRREGULARIDADES
- 2.4. COMBINACIONES DE CARGA
- 2.5. ANALISIS DE VIENTO
- 2.6. AJUSTE DE CORTANTE SISMICA EN LA BASE
- 2.7. RESUMEN DE CARGAS SISMICAS

### **3. DATOS DE ENTRADA**

### **4. ANALISIS ESTRUCTURAL**

### **5. CHEQUEO DE DERIVAS**

### **6. DISEÑO DE ELEMENTOS ESTRUCTURALES**

- 6.1. DISEÑO DE PANTALLAS
- 6.2. DISEÑO DE COLUMNAS
- 6.3. DISEÑO DE VIGAS
- 6.4. DISEÑO DE ESTRUCTURA METALICA
- 6.5. CHEQUEO DE CONFINAMIENTO
- 6.6. CHEQUEO DE COLUMNA FUERTE-VIGA DEBIL

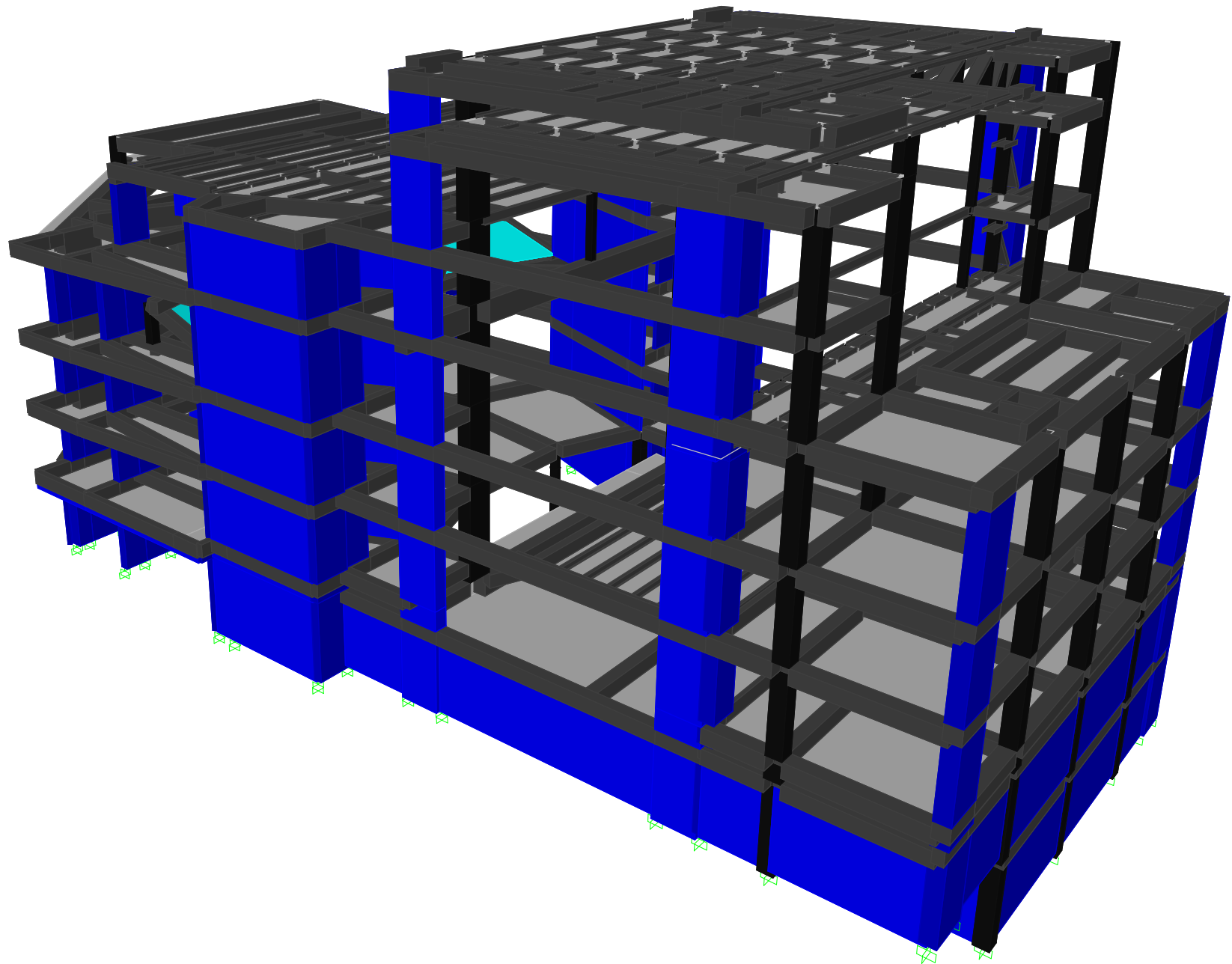
### **7. REACCIONES DE CIMENTACION**

### **8. DISEÑO DE ELEMENTOS NO ESTRUCTURALES**

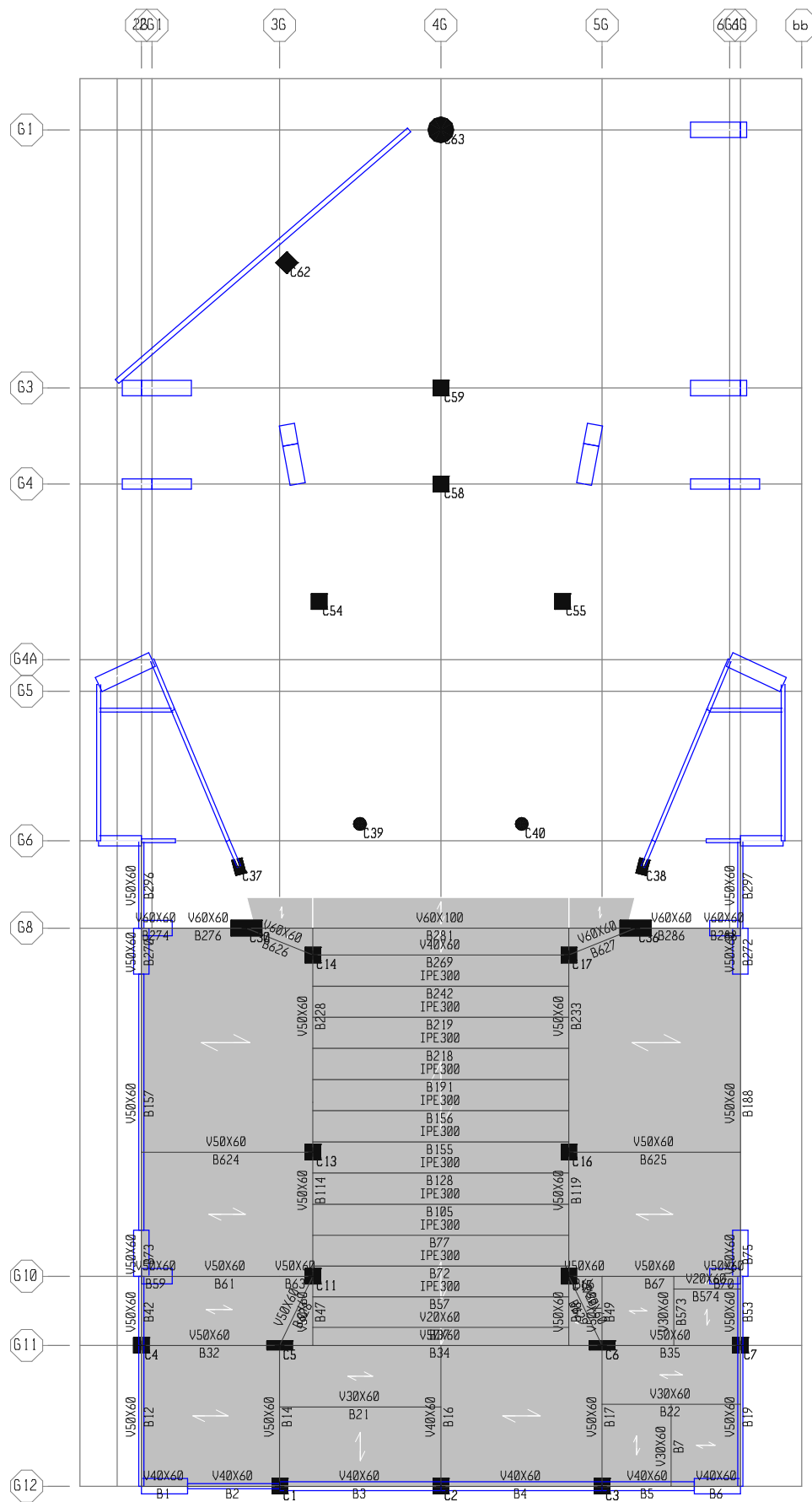


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## ANEXO 1 . ESQUEMAS DEL MODELO

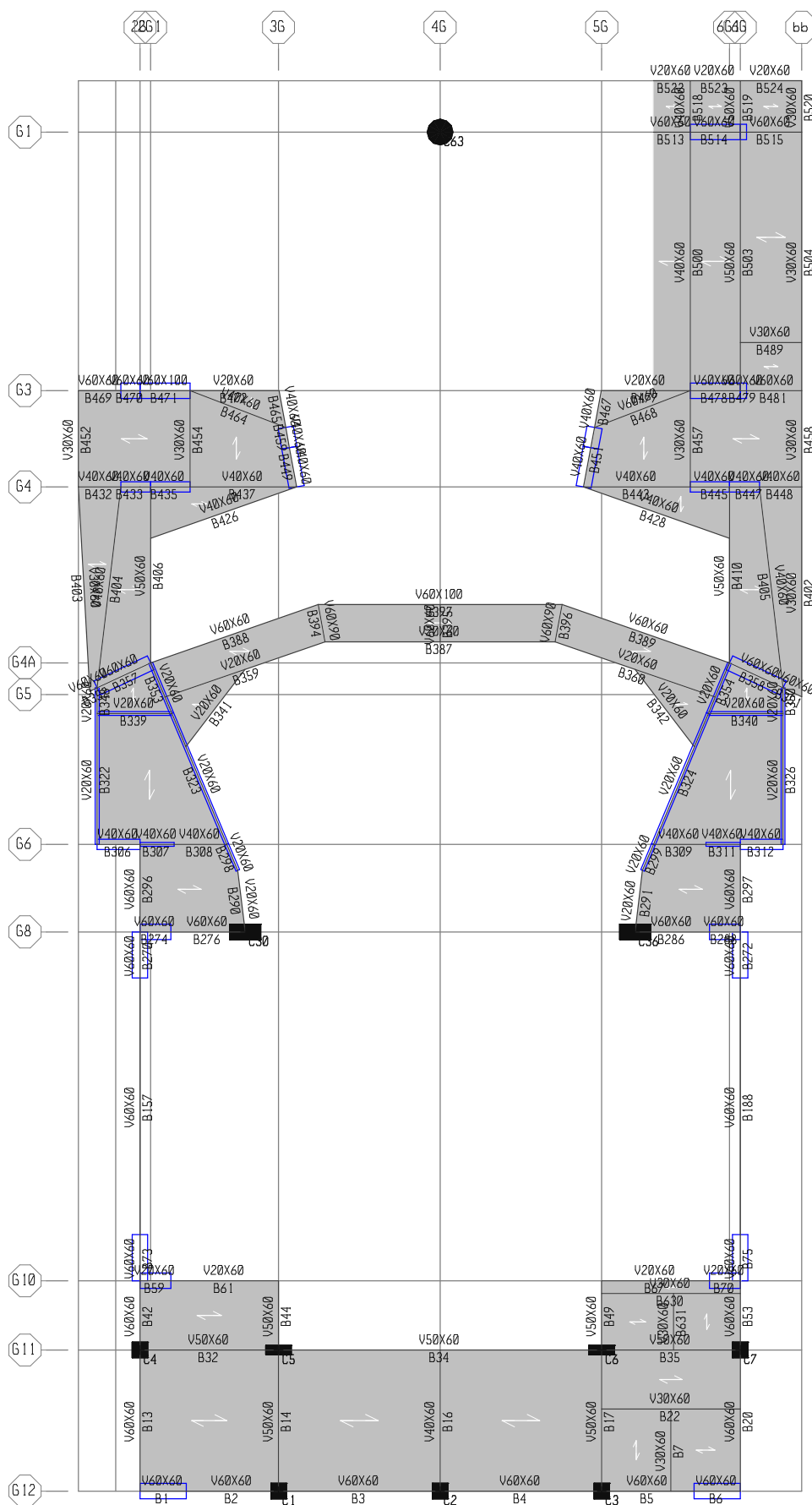


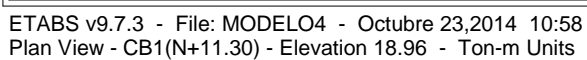


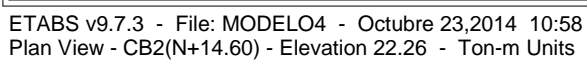


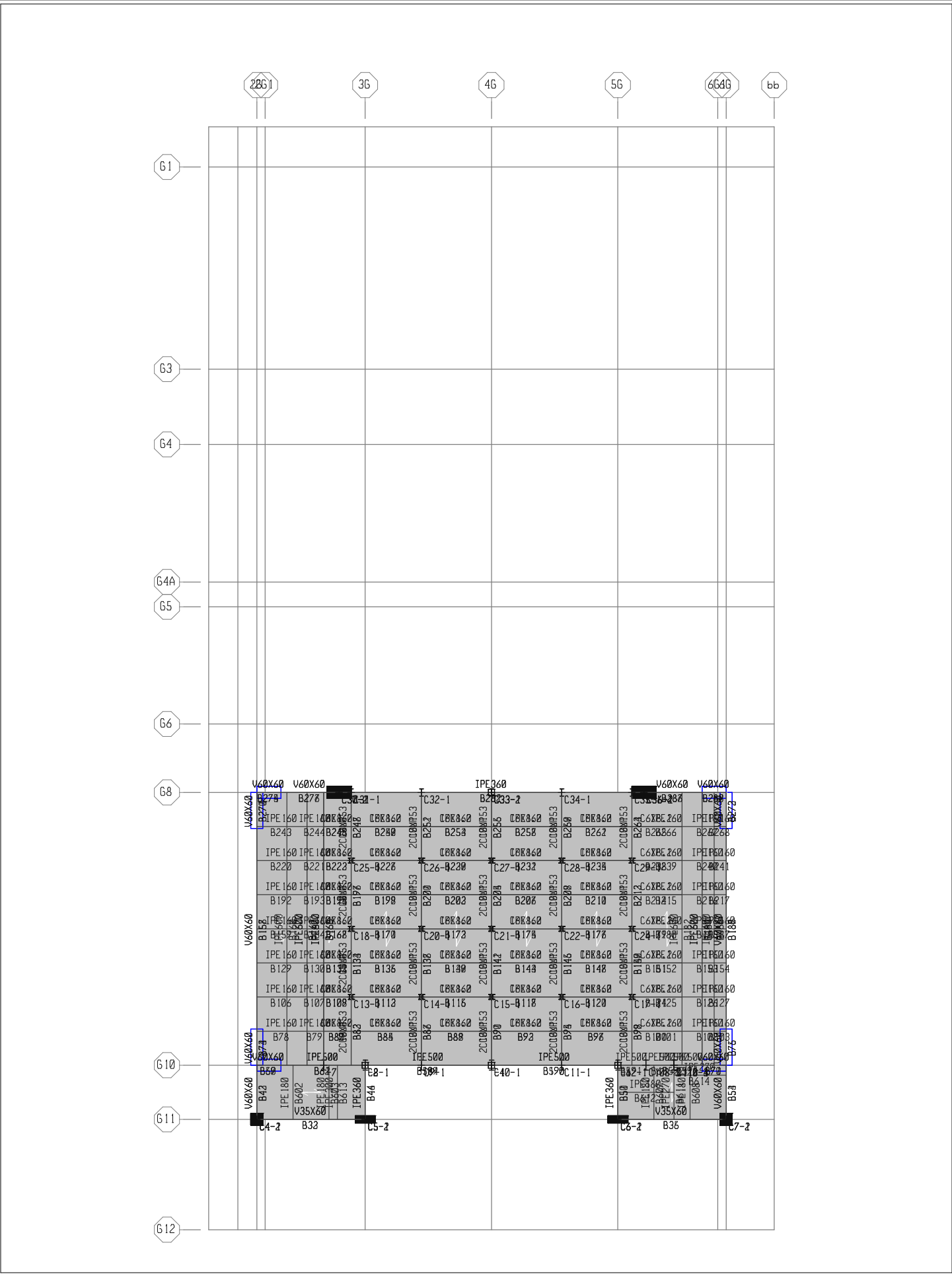


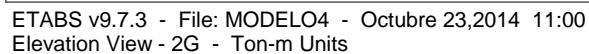




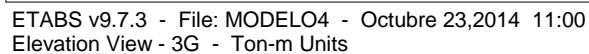


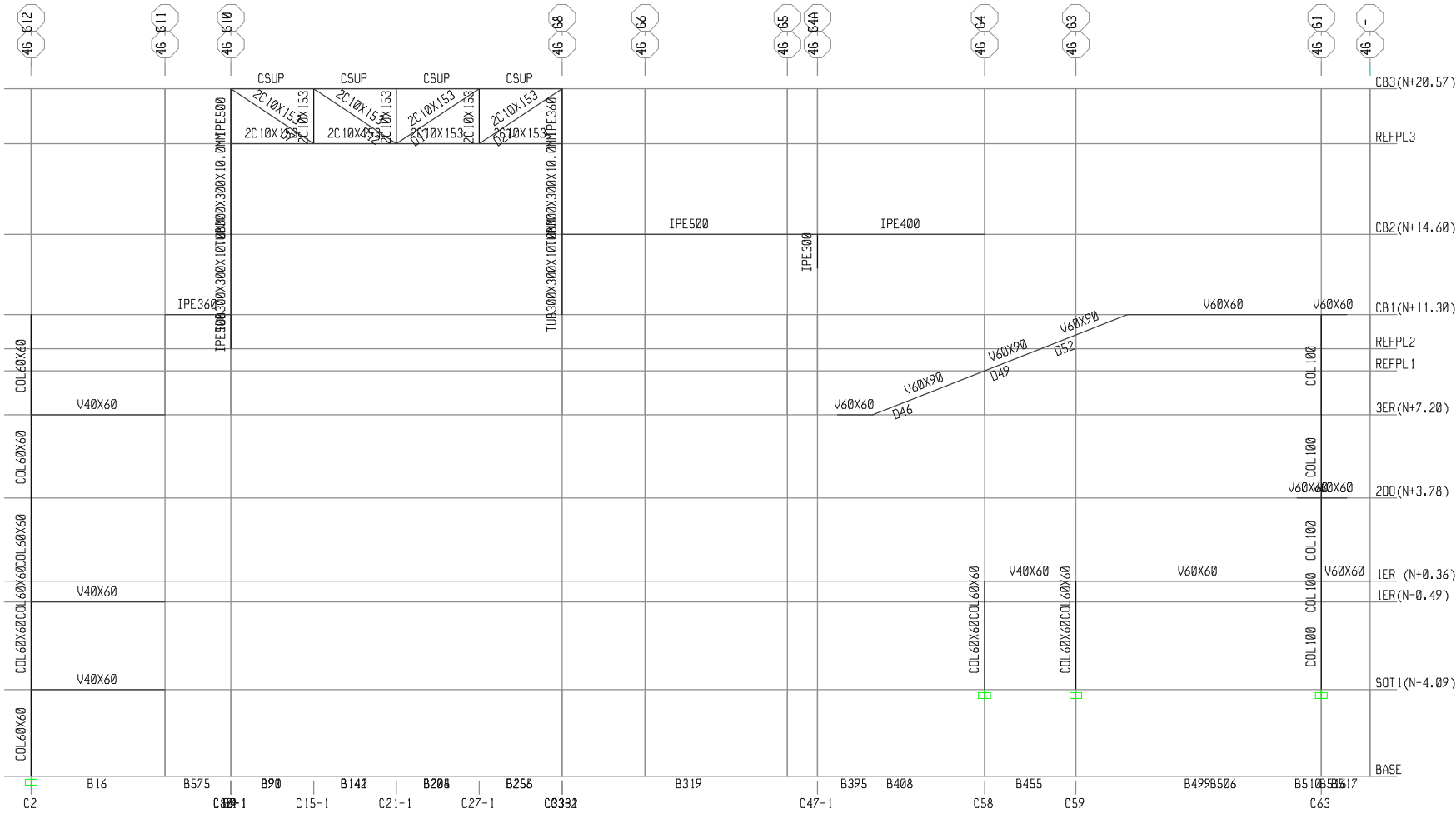




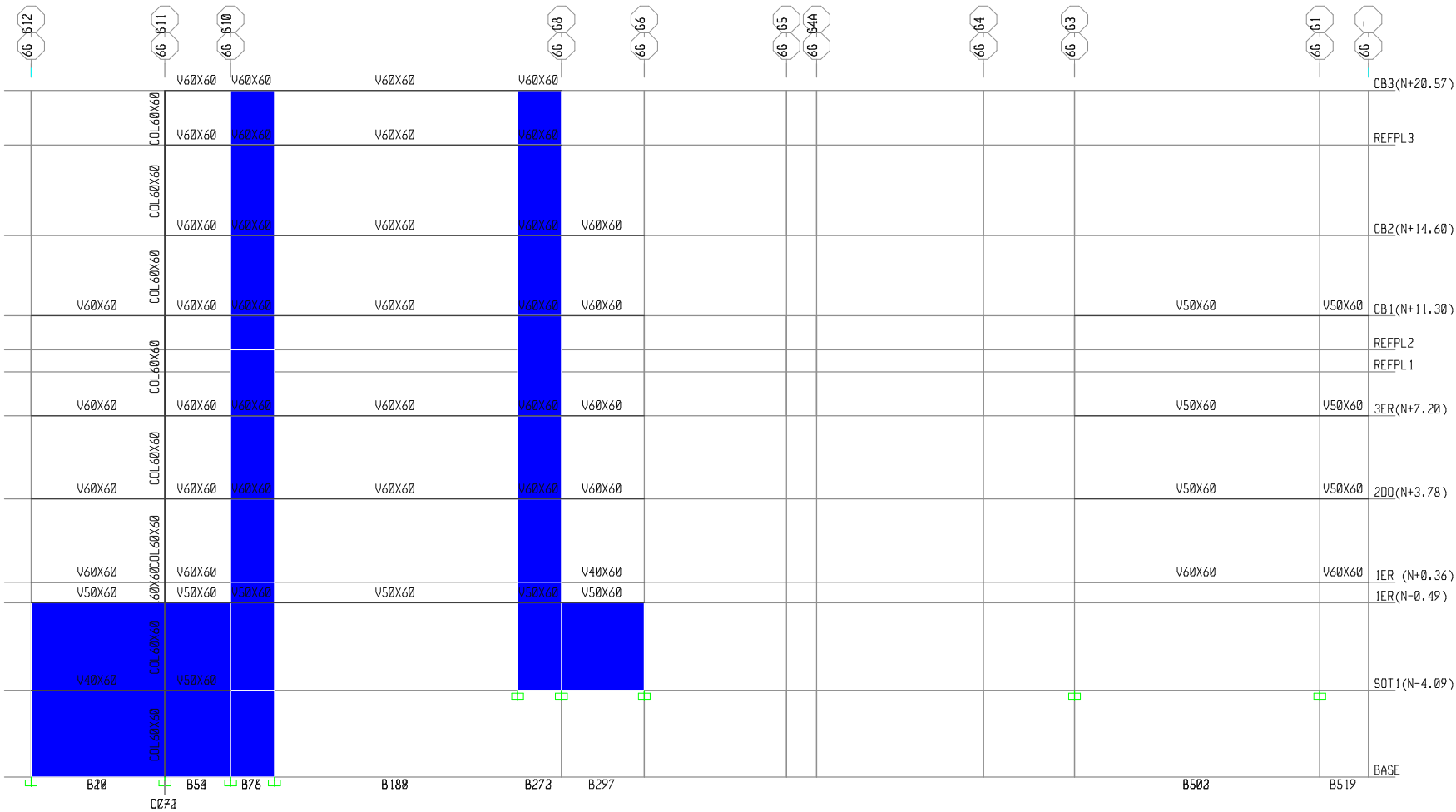


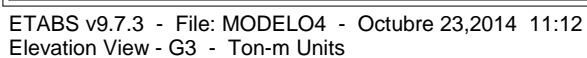


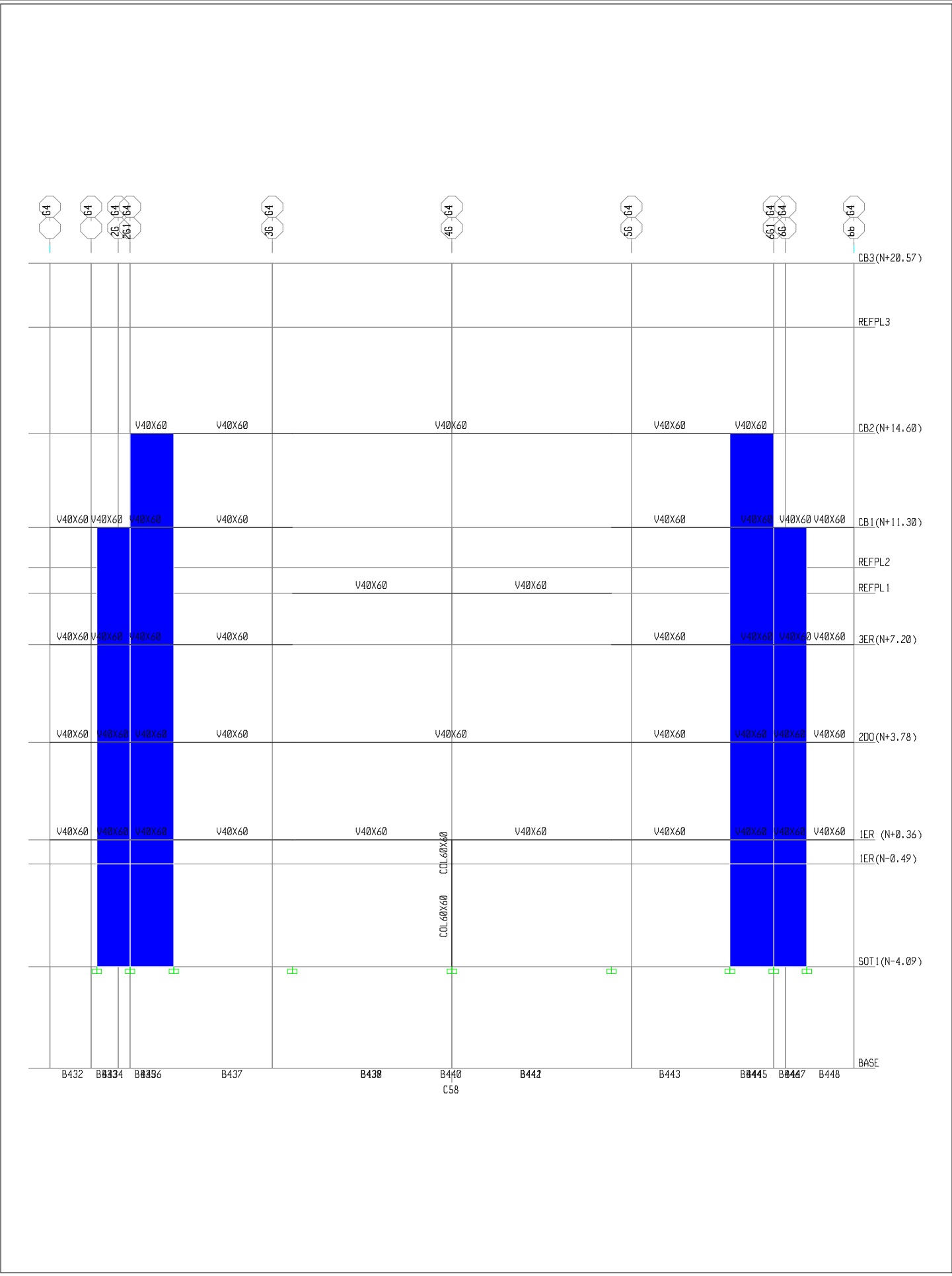


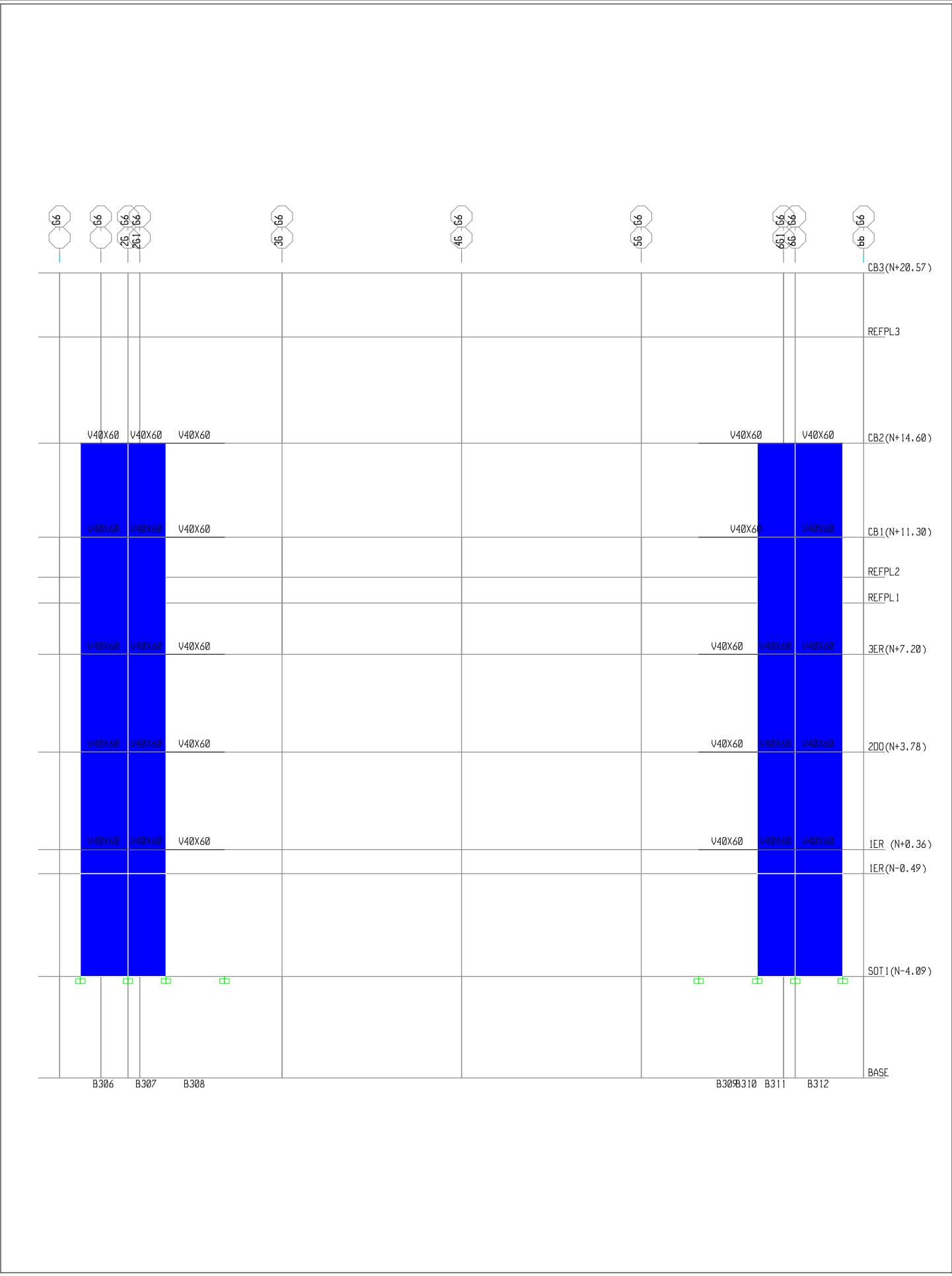


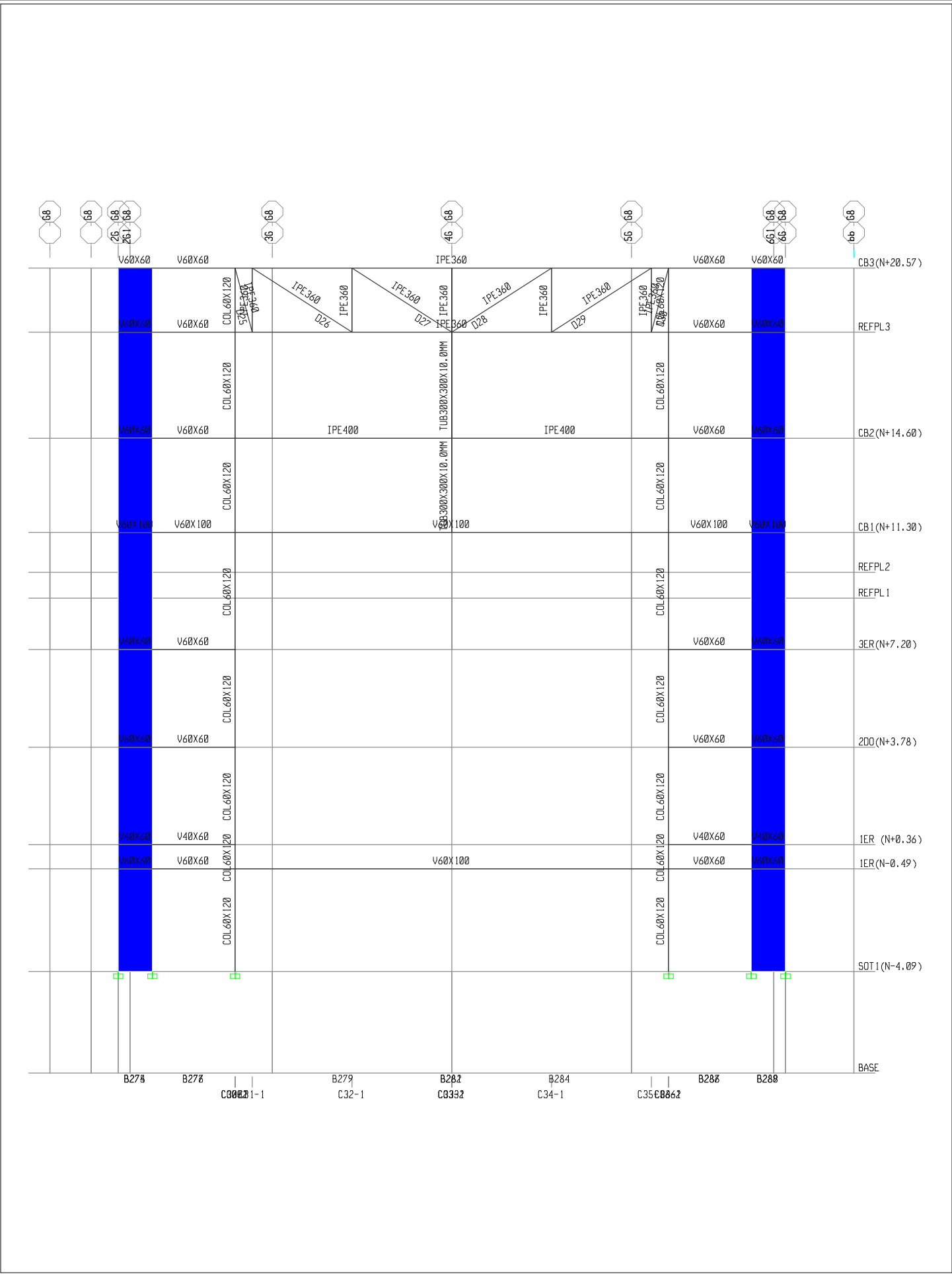




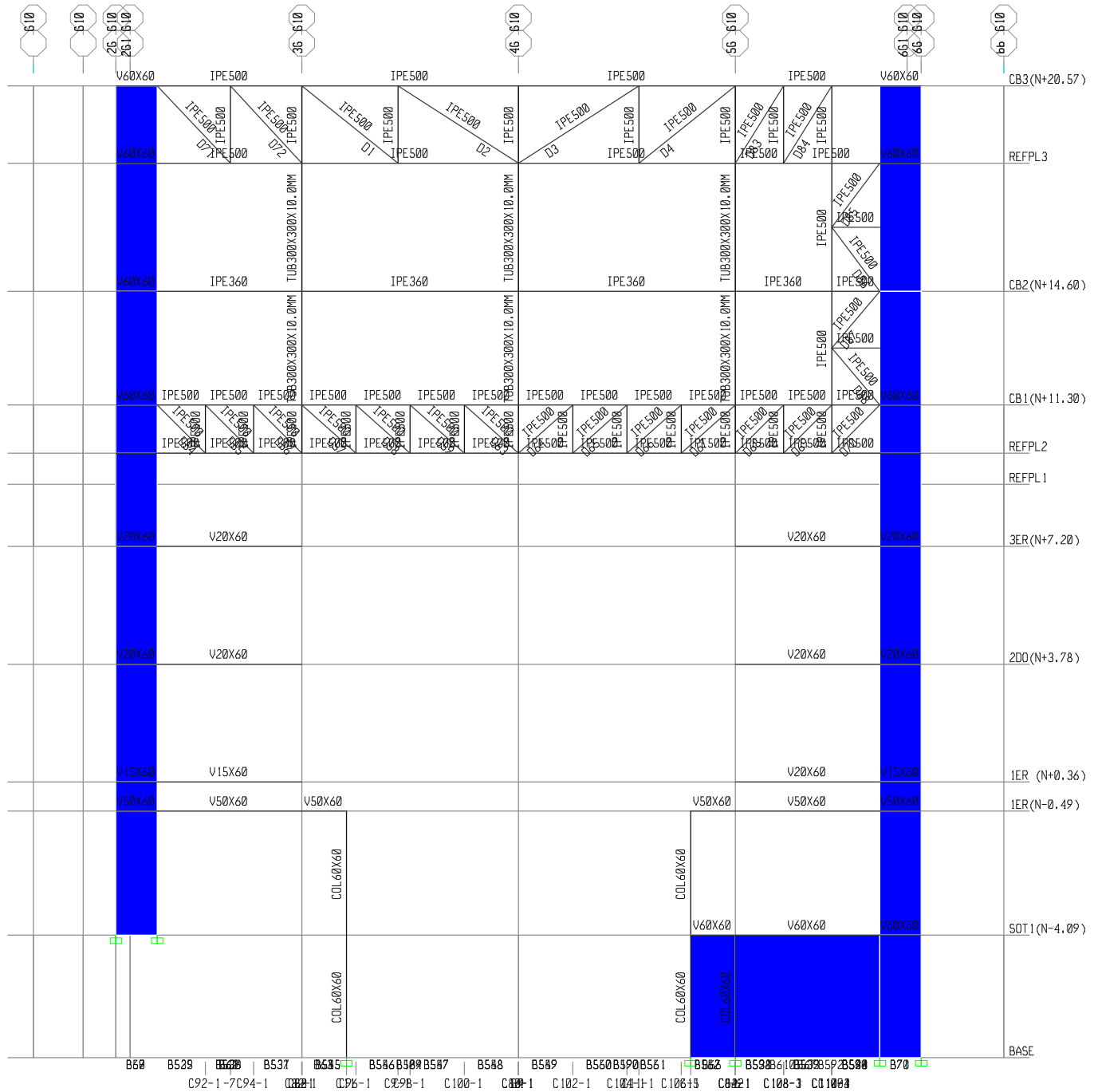


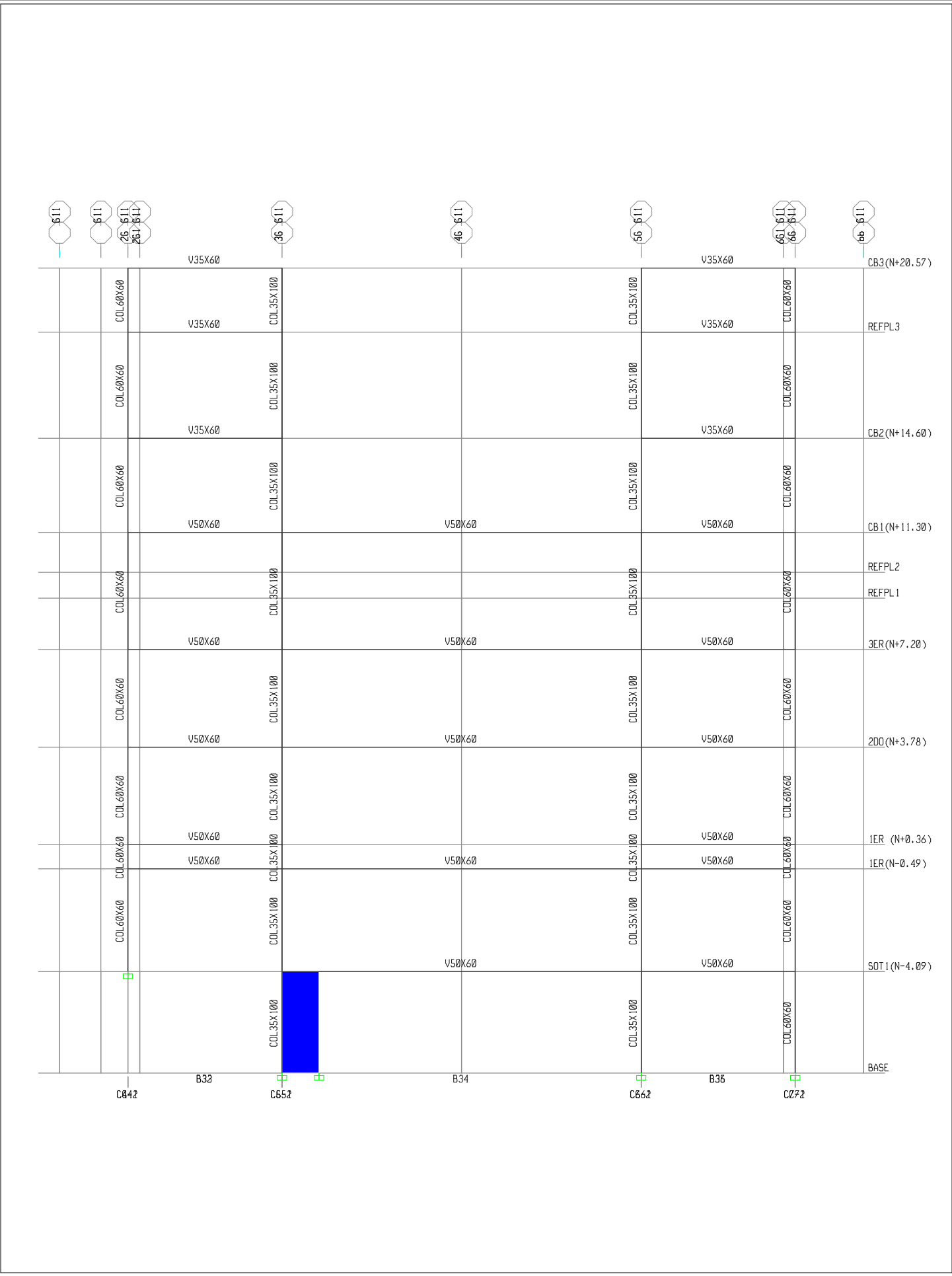


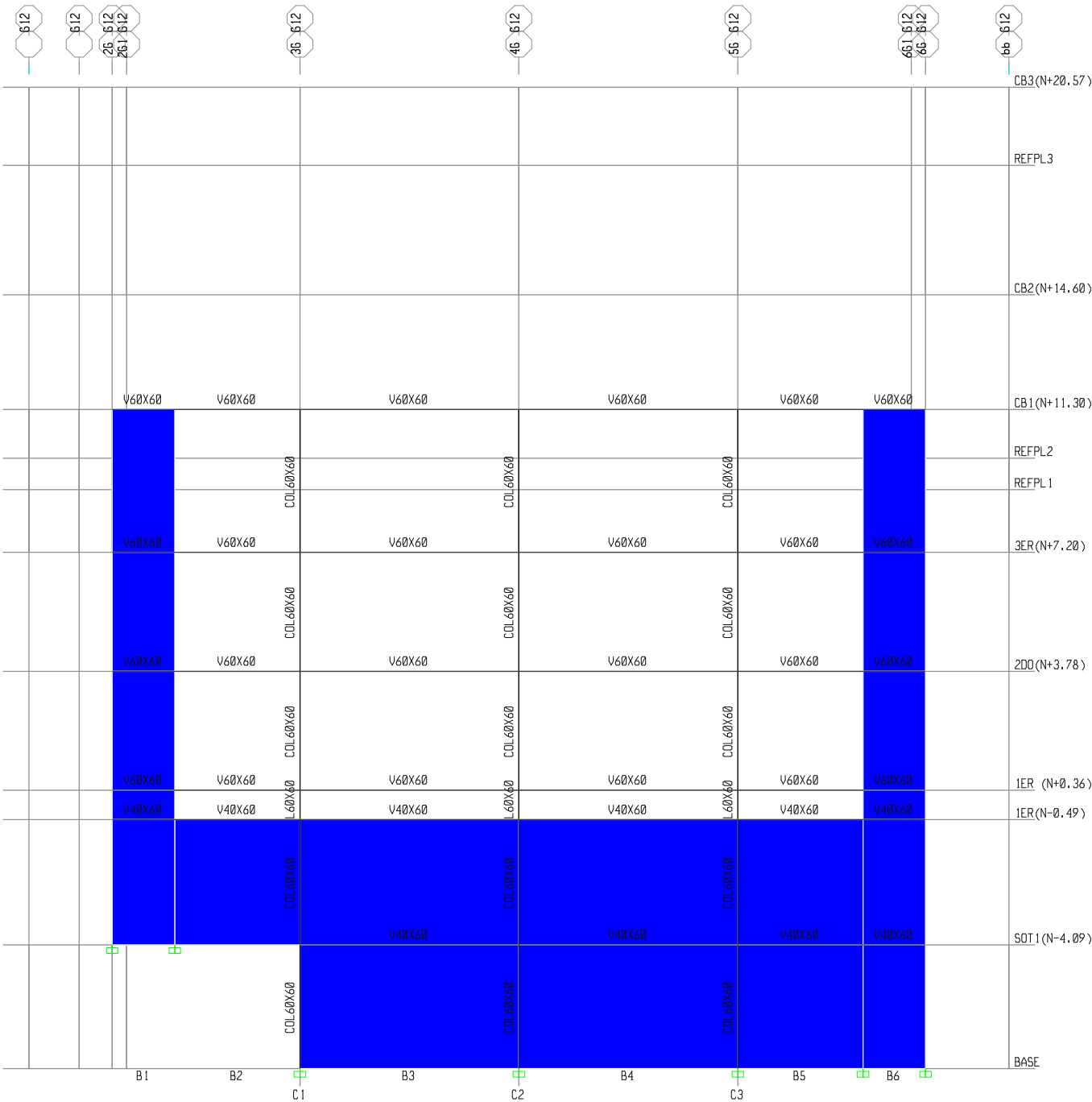














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## ANEXO 2 . AVALUO DE CARGAS



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
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## **ANEXO 2.1. AVALUO DE CARGAS VERTICALES**



Propietario:	SEC. EDUCACION Y SEC. CULTURA	Calculó:	ING. FABIO RIVERA
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**AVALUO DE CARGAS LOSA**  
**N-4.45, N+0.00, N+1.05, N+3.42, N+6.84**  
**NORMA NSR-10**

**PESO DE LA LOSA**

<b>T:</b>	<b>60</b>	<b>Cm</b>	(Espesor total de losa)
<b>T<sup>sup</sup>:</b>	<b>8</b>	<b>Cm</b>	(Espesor Loseta Superior)
<b>T<sup>inf</sup>:</b>	<b>0</b>	<b>Cm</b>	(Espesor Loseta Superior)
<b>Sep:</b>	<b>97</b>	<b>Cm</b>	(Separacion de Viguetas entre ejes)
<b>t<sup>vig</sup>:</b>	<b>12</b>	<b>Cm</b>	(Ancho de Vigüeta)
<b>Sep:</b>	<b>300</b>	<b>Cm</b>	(separacion de Riostras)
<b>t<sup>rios</sup>:</b>	<b>10</b>	<b>Cm</b>	(ancho de Riostra)

Peso Loseta Superior:	192.00	<b>Kg/m<sup>2</sup></b>
Peso Loseta Inferior:	0.00	<b>Kg/m<sup>2</sup></b>
Peso Viguetas:	154.39	<b>Kg/m<sup>2</sup></b>
Peso Riostras:	41.60	<b>Kg/m<sup>2</sup></b>
Peso Casetón:	<b>30.00</b>	<b>Kg/m<sup>2</sup></b>

Peso Acabados **200.00** **Kg/m<sup>2</sup>**

Peso Divisiones **150.00** **Kg/m<sup>2</sup>**

<b>CM:</b>	<b>768</b>	<b>Kg/m<sup>2</sup></b>	<b>Total Carga Muerta</b>
	<b>7.68</b>	<b>KN/m<sup>2</sup></b>	

**CARGAS VIVAS - REF: CAPITULO B-4**

<b>CM:</b>	<b>500</b>	<b>Kg/m<sup>2</sup></b>	<b>Total Carga Viva</b>
	<b>5.0</b>	<b>KN/m<sup>2</sup></b>	

**FACTORES DE CARGA**

**Wu:** 1.4D 1075.19 **Kg/m<sup>2</sup>**

**Wu:** 1.2D+1.6L 1721.59 **Kg/m<sup>2</sup>**

**FC:** 1.36

**PESO DE MUROS**

Altura Libre:	<b>3.00</b>	<b>mt</b>
Ancho del Muro:	<b>12</b>	<b>cm</b>

Peso del muro por metro lineal:	<b>648</b>	<b>kg/m</b>	Muro en Arcilla
	<b>792</b>	<b>kg/m</b>	Muro en Bloque de Concreto



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**AVALUO DE CARGAS LOSA EN LAMINA COLABORANTE - N+0.00**  
**NORMA NSR-10**

**CARGAS MUERTAS - REF: CAPITULO B-3**

<b>T:</b>	10.9	Cm	(Espesor de losa)
<b>I:</b>	261.6	Kg/m <sup>2</sup>	(Peso propio de la losa)
<b>C:</b>	200	Kg/m <sup>2</sup>	(Acabados o impermeabilización)
<b>C:</b>	150	Kg/m <sup>2</sup>	(Divisiones o densidad de muros)
<b>CM:</b>	612	Kg/m <sup>2</sup>	<b>Total Carga Muerta</b>
	6.116	KN/m <sup>2</sup>	

**CARGAS VIVAS - REF: CAPITULO B-4**

<b>CM:</b>	500	Kg/m <sup>2</sup>	<b>Total Carga Muerta</b>
	5.0	KN/m <sup>2</sup>	

**FACTORES DE CARGA**

<b>Wu:</b>	1.4D	856.24	Kg/m <sup>2</sup>
<b>Wu:</b>	1.2D+1.6L	1533.92	Kg/m <sup>2</sup>
<b>FC:</b>	1.38		



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**AVALUO DE CARGAS LOSA EN LAMINA COLABORANTE - N+6.84**  
**NORMA NSR-10**

**CARGAS MUERTAS - REF: CAPITULO B-3**

<b>T:</b>	<b>9.9</b>	<b>Cm</b>	(Espesor de losa)
<b>I:</b>	<b>237.6</b>	<b>Kg/m<sup>2</sup></b>	(Peso propio de la losa)
<b>C:</b>	<b>200</b>	<b>Kg/m<sup>2</sup></b>	(Acabados o impermeabilización)
<b>C:</b>	<b>150</b>	<b>Kg/m<sup>2</sup></b>	(Divisiones o densidad de muros)
<b>CM:</b>	<b>588</b>	<b>Kg/m<sup>2</sup></b>	<b>Total Carga Muerta</b>
	<b>5.88</b>	<b>KN/m<sup>2</sup></b>	

**CARGAS VIVAS - REF: CAPITULO B-4**

<b>CM:</b>	<b>500</b>	<b>Kg/m<sup>2</sup></b>	<b>Total Carga Muerta</b>
	<b>5.0</b>	<b>KN/m<sup>2</sup></b>	

**FACTORES DE CARGA**

<b>Wu:</b>	<b>1.4D</b>	<b>822.64</b>	<b>Kg/m<sup>2</sup></b>
<b>Wu:</b>	<b>1.2D+1.6L</b>	<b>1505.12</b>	<b>Kg/m<sup>2</sup></b>
<b>FC:</b>	<b>1.38</b>		





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### **AVALUO DE CARGAS LOSA - N+11.10** **NORMA NSR-10**

#### **PESO DE LA LOSA**

<b>T:</b>	<b>60</b>	<b>Cm</b>	(Espesor total de losa)
<b>T<sub>sup</sub>:</b>	<b>8</b>	<b>Cm</b>	(Espesor Loseta Superior)
<b>T<sub>inf</sub>:</b>	<b>0</b>	<b>Cm</b>	(Espesor Loseta Superior)
<b>Sep:</b>	<b>97</b>	<b>Cm</b>	(Separacion de Viguetas entre ejes)
<b>t<sub>vig</sub>:</b>	<b>12</b>	<b>Cm</b>	(Ancho de Vigüeta)
<b>Sep:</b>	<b>300</b>	<b>Cm</b>	(separacion de Riostras)
<b>t<sub>rios</sub>:</b>	<b>10</b>	<b>Cm</b>	(ancho de Riostra)

Peso Loseta Superior:	192.00	<b>Kg/m2</b>
Peso Loseta Inferior:	0.00	<b>Kg/m2</b>
Peso Viguetas:	154.39	<b>Kg/m2</b>
Peso Riostras:	41.60	<b>Kg/m2</b>
Peso Casetón:	<b>30.00</b>	<b>Kg/m2</b>

Peso Acabados **200.00** **Kg/m2**

Peso Divisiones **150.00** **Kg/m2**

<b>CM:</b>	<b>768</b>	<b>Kg/m2</b>	<b>Total Carga Muerta</b>
	<b>7.68</b>	<b>KN/m2</b>	

#### **CARGAS VIVAS - REF: CAPITULO B-4**

<b>CV:</b>	<b>500</b>	<b>Kg/m2</b>	<b>Total Carga Viva</b>
	<b>5.0</b>	<b>KN/m2</b>	

#### **CARGA DE GRANIZO - REF: CAPITULO B-4**

<b>CG:</b>	<b>100</b>	<b>Kg/m2</b>	<b>Total Carga de Granizo</b>
	<b>1.0</b>	<b>KN/m2</b>	

#### **FACTORES DE CARGA**

<b>Wu:</b>	<b>1.4D</b>	<b>1075.19</b>	<b>Kg/m2</b>
<b>Wu:</b>	<b>1.2D+1.6L+0.5G</b>	<b>1771.59</b>	<b>Kg/m2</b>
<b>Wu:</b>	<b>1.2D+1.6G+1.0L</b>	<b>1581.59</b>	<b>Kg/m2</b>

**FC:** **1.30**

#### **PESO DE MUROS**

Altura Libre:	<b>3.00</b>	<b>mt</b>
Ancho del Muro:	<b>12</b>	<b>cm</b>

Peso del muro por metro lineal:	<b>648</b>	<b>kg/m</b>	Muro en Arcilla
	<b>792</b>	<b>kg/m</b>	Muro en Bloque de Concreto



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### **AVALUO DE CARGAS LOSA - N+14.25** **NORMA NSR-10**

#### **PESO DE LA LOSA**

<b>T:</b>	<b>60</b>	<b>Cm</b>	(Espesor total de losa)
<b>T<sub>sup</sub>:</b>	<b>8</b>	<b>Cm</b>	(Espesor Loseta Superior)
<b>T<sub>inf</sub>:</b>	<b>0</b>	<b>Cm</b>	(Espesor Loseta Superior)
<b>Sep:</b>	<b>97</b>	<b>Cm</b>	(Separacion de Viguetas entre ejes)
<b>t<sub>vig</sub>:</b>	<b>12</b>	<b>Cm</b>	(Ancho de Vigüeta)
<b>Sep:</b>	<b>300</b>	<b>Cm</b>	(separacion de Riostras)
<b>t<sub>rios</sub>:</b>	<b>10</b>	<b>Cm</b>	(ancho de Riostra)

Peso Loseta Superior:	192.00	<b>Kg/m2</b>
Peso Loseta Inferior:	0.00	<b>Kg/m2</b>
Peso Viguetas:	154.39	<b>Kg/m2</b>
Peso Riostras:	41.60	<b>Kg/m2</b>
Peso Casetón:	<b>30.00</b>	<b>Kg/m2</b>

Peso Acabados	<b>150.00</b>	<b>Kg/m2</b>
---------------	---------------	--------------

Peso Divisiones	<b>150.00</b>	<b>Kg/m2</b>
-----------------	---------------	--------------

<b>CM:</b>	<b>718</b>	<b>Kg/m2</b>	<b>Total Carga Muerta</b>
	<b>7.18</b>	<b>KN/m2</b>	

#### **CARGAS VIVAS - REF: CAPITULO B-4**

<b>CV:</b>	<b>200</b>	<b>Kg/m2</b>	<b>Total Carga Viva</b>
	<b>2.0</b>	<b>KN/m2</b>	

#### **CARGA DE GRANIZO - REF: CAPITULO B-4**

<b>CG:</b>	<b>100</b>	<b>Kg/m2</b>	<b>Total Carga de Granizo</b>
	<b>1.0</b>	<b>KN/m2</b>	

#### **FACTORES DE CARGA**

<b>Wu:</b>	<b>1.4D</b>	<b>1005.19</b>	<b>Kg/m2</b>
<b>Wu:</b>	<b>1.2D+1.6L+0.5G</b>	<b>1231.59</b>	<b>Kg/m2</b>
<b>Wu:</b>	<b>1.2D+1.6G+1.0L</b>	<b>1221.59</b>	<b>Kg/m2</b>

<b>FC:</b>	<b>1.21</b>
------------	-------------

#### **PESO DE MUROS**

Altura Libre:	<b>3.00</b>	<b>mt</b>
Ancho del Muro:	<b>12</b>	<b>cm</b>

Peso del muro por metro lineal:	<b>648</b>	<b>kg/m</b>	Muro en Arcilla
	<b>792</b>	<b>kg/m</b>	Muro en Bloque de Concreto



Propietario:	SEC. EDUCACION Y SEC. CULTURA	Calculó:	ING. FABIO RIVERA
Proyecto:	COLEGIO Y TEATRO EL ENSUEÑO	Revisó:	ING. JUAN C. PATIÑO
Localización:	BOGOTA - CUNDINAMARCA	Hoja:	
Contenido:	TEATRO - M. DE CALCULOS	Fecha:	OCTUBRE - 2014

**AVALUO DE CARGAS LOSA EN LAMINA COLABORANTE**  
**N+11.10, N+14.25, N+20.82**  
**NORMA NSR-10**

**CARGAS MUERTAS - REF: CAPITULO B-3**

<b>T:</b>	<b>9.9</b>	<b>Cm</b>	(Espesor de losa)
<b>I:</b>	<b>237.6</b>	<b>Kg/m<sup>2</sup></b>	(Peso propio de la losa)
<b>C:</b>	<b>150</b>	<b>Kg/m<sup>2</sup></b>	(Acabados o impermeabilización)
<b>C:</b>	<b>150</b>	<b>Kg/m<sup>2</sup></b>	(Divisiones o densidad de muros)
<b>CM:</b>	<b>538</b>	<b>Kg/m<sup>2</sup></b>	<b>Total Carga Muerta</b>
	<b>5.38</b>	<b>KN/m<sup>2</sup></b>	

**CARGAS VIVAS - REF: CAPITULO B-4**

<b>CV:</b>	<b>200</b>	<b>Kg/m<sup>2</sup></b>	<b>Total Carga Viva</b>
	<b>2.0</b>	<b>KN/m<sup>2</sup></b>	

**CARGA DE GRANIZO - REF: CAPITULO B-4**

<b>CG:</b>	<b>100</b>	<b>Kg/m<sup>2</sup></b>	<b>Total Carga de Granizo</b>
	<b>1.0</b>	<b>KN/m<sup>2</sup></b>	

**FACTORES DE CARGA**

<b>Wu:</b>	<b>1.4D</b>	<b>752.64</b>	<b>Kg/m<sup>2</sup></b>
<b>Wu:</b>	<b>1.2D+1.6L+0.5G</b>	<b>1015.12</b>	<b>Kg/m<sup>2</sup></b>
<b>Wu:</b>	<b>1.2D+1.6G+1.0L</b>	<b>1005.12</b>	<b>Kg/m<sup>2</sup></b>
<b>FC:</b>	<b>1.21</b>		



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

## ANEXO 2.2 ESPECTRO DE DISEÑO

<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

## **ESPECTRO DE DISEÑO MICROZONIFICACIÓN SÍSMICA BOGOTA**

### **BOGOTA**

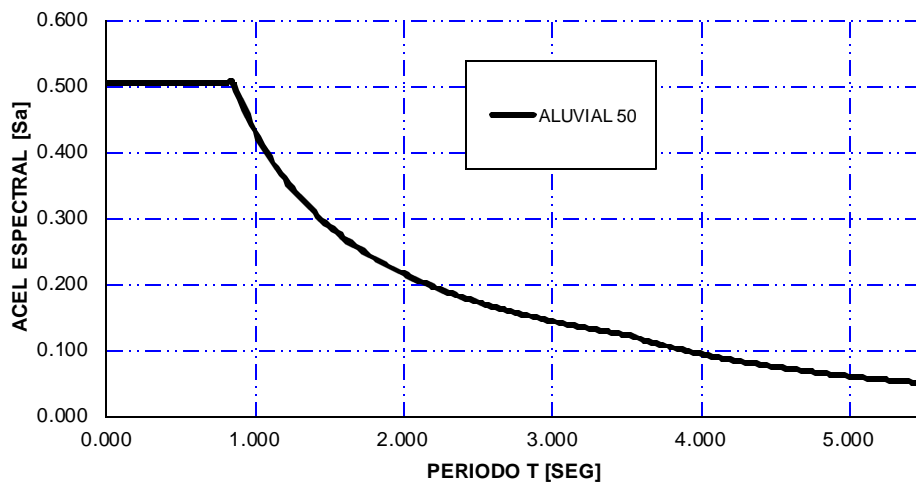
<b>Aa =</b>	<b>0.15</b>
<b>Av =</b>	<b>0.20</b>

### **ALUVIAL50**

<b>Fa :</b>	<b>1.35</b>
<b>Fv :</b>	<b>1.80</b>
<b>Tc (s):</b>	<b>0.85</b>
<b>TL (s):</b>	<b>3.50</b>
<b>Ao (g):</b>	<b>0.20</b>
<b>I :</b>	<b>1.00</b>

**A.6.2.1.2** → **I:**

### **ESPECTRO DE DISEÑO**



*Aceleraciones Espectrales para diferentes Períodos*

	<b>T [seg]</b>	<b>Sa [g]</b>
Modo 1:		
Modo 2:		
Modo 3:		
Modo 4:		
Modo 5:		
Modo 6:		
Modo 7:		
Modo 8:		
Modo 9:		
Modo 10:		

**NOTA:** El literal **A.6.2.1.2** permite que al calcular desplazamientos horizontales se use el coeficiente de importancia con un valor igual a la unidad ( $I=1.0$ ).



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

## UMBRAL DE DAÑO MICROZONIFICACIÓN SÍSMICA BOGOTA

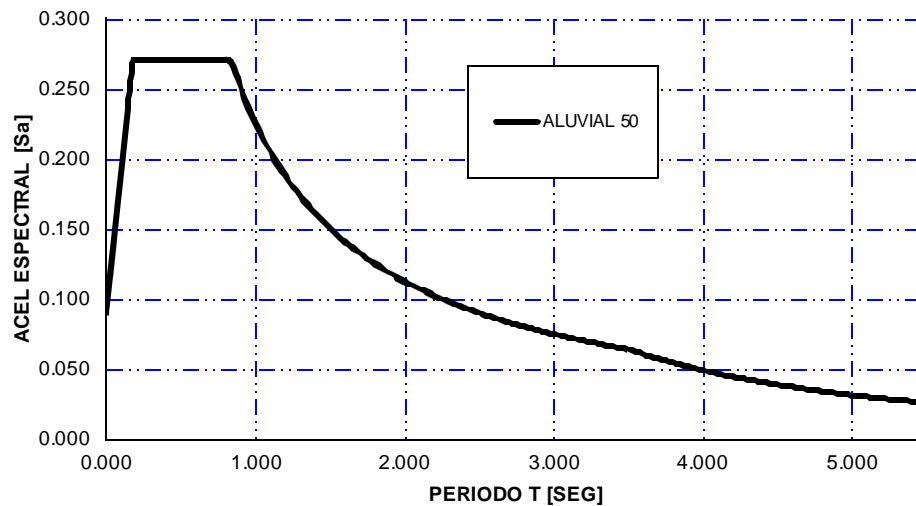
**BOGOTA**

**ALUVIAL50**

**Ae =** 0.13

<b>Fa :</b>	1.50
<b>Fv :</b>	2.50
<b>Tc (s):</b>	0.83
<b>TL (s):</b>	3.50
<b>A0 (g):</b>	0.09

### ESPECTRO PARA UMBRAL DE DAÑO



*Aceleraciones Espectrales para diferentes Períodos*

	<b>T [seg]</b>	<b>Sa [g]</b>
Modo 1:		
Modo 2:		
Modo 3:		
Modo 4:		
Modo 5:		
Modo 6:		
Modo 7:		
Modo 8:		
Modo 9:		
Modo 10:		



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

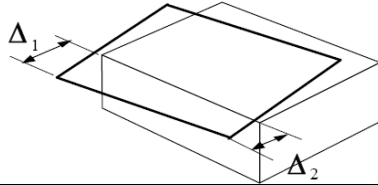
### **ANEXO 2.3. REVISION DE IRREGULARIDADES**

<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

## REVISION DE IRREGULARIDADES NORMA NSR-10

**IRREGULARIDADES EN PLANTA,** Referencia Tabla A.3-6, Figura A.3-1

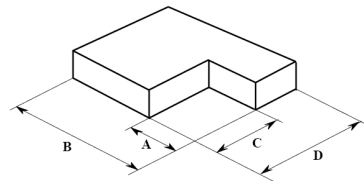
### Tipo 1P



Tipo 1aP - Irregularidad Torsional  $\phi_p=0.9$   
Tipo 1bP - Irregularidad Torsional Extrema  $\phi_p=0.8$

$\Delta_1$ : 0.21 %       $\phi_p$ : 1.0  
 $\Delta_2$ : 0.42 %

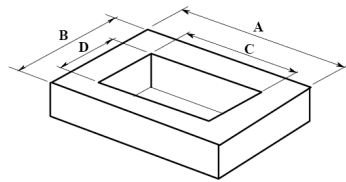
### Tipo 2P



Tipo 2P - Retrocesos en las esquinas

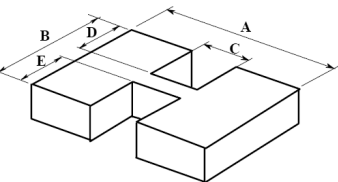
A:   m       $\phi_p$ : 1.0  
B:   m  
C:   m  
D:   m

### Tipo 3P



Tipo 3P - Irregularidad del diafragma

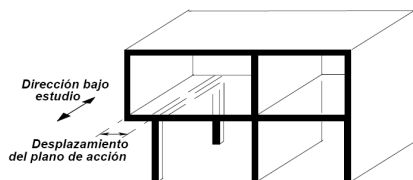
A:   m       $\phi_p$ : 1.0  
B:   m  
C:   m  
D:   m



Tipo 3P - Irregularidad del diafragma

A:   m       $\phi_p$ : 1.0  
B:   m  
C:   m  
D:   m  
E:   m

### Tipo 4P



Tipo 4P - Desplazamiento del planos de acción  $\phi_p=0.8$

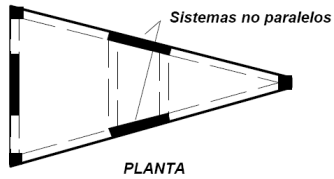
$\phi_p$ : 1.0





<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
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<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

### Tipo 5P

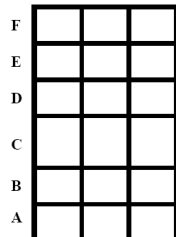


Tipo 5P - Sistemas no paralelos  $\phi_p=0.9$

$\phi_p$ : **1.0**

### IRREGULARIDADES EN ALZADA, Referencia Tabla A.3-7, Figura A.3-2

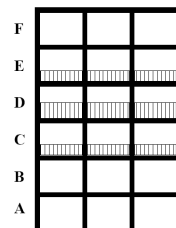
#### Tipo 1A.



Tipo 1aA - Piso Flexible  $\phi_p=0.9$   
Tipo 1bA - Piso Flexible Extremo  $\phi_p=0.8$

**Kc:**   $\phi_a$ : **1.0**  
**KD:**   
**KE:**   
**KF:**

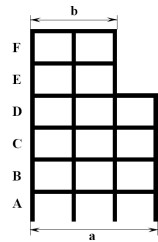
#### Tipo 2A.



Tipo 2A - Distribucion de Masa  $\phi_p=0.9$

**M2:**  105.2  $\phi_a$ : **1.0**  
**M3:**  109.5  
**M<sub>cub</sub>:**  112.3

#### Tipo 3A.



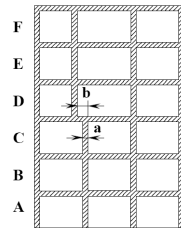
Tipo 3A - Geometrica  $\phi_p=0.9$

**a:**  m  $\phi_a$ : **1.0**  
**b:**  m



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
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<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

#### Tipo 4A.

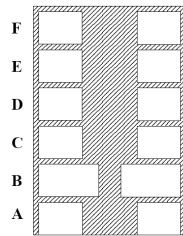


Tipo 4A - Desplazamiento del plano de acción  $\phi_a=0.8$

**a:**  m  **$\phi_a$ :**

**b:**  m

#### Tipo 5A.



Tipo 5aA - Piso Débil  $\phi_p=0.9$   
Tipo 5bA - Piso débil Extremo  $\phi_p=0.8$

**RpB:**   **$\phi_a$ :**

**RpC:**

#### IRREGULARIDAD POR AUSENCIA DE REDUNDANCIA, Referencia A.3.3.8

**$\phi_r$ :**

*Masas de Diafragmas Para  
Revisar Irregularidad Tipo 2A*

#### RESUMEN

**$\phi_p$ :**

**$\phi_a$ :**

**$\phi_r$ :**

Story	MassX	MassY
SOT1(N-4.09)	34.502	34.502
1ER(N-0.49)	73.866	73.866
1ER (N+0.36)	97.821	97.821
2DO(N+3.78)	78.049	78.049
2DO(N+3.78)	27.16	27.16
3ER(N+7.20)	74.823	74.823
3ER(N+7.20)	34.71	34.71
CB1(N+11.30)	79.084	79.084
CB1(N+11.30)	33.22	33.22
CB2(N+14.60)	41.381	41.381
CB3(N+20.57)	35.409	35.409
1ER (N+0.36)	21.255	21.255



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
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<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

## **ANEXO 2.4. COMBINACIONES DE CARGA**



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

### COMBINACIONES DE CARGA - SISMO NORMA NSR-10

<b>Ro:</b>	<b>5</b>	<b><math>R = R_o * \phi_p * \phi_a * \phi_r =</math></b>	<b>3.75</b>
<b><math>\phi_p</math>:</b>	<b>1</b>	<b><math>E = I * (1/R) * SISMO =</math></b>	<b>0.333 * SISMO</b>
<b><math>\phi_a</math>:</b>	<b>1</b>		
<b><math>\phi_r</math>:</b>	<b>0.75</b>		
<b>I:</b>	<b>1.25</b>	<b><math>0.3E = I * (1/R) * SISMO * 0.3 =</math></b>	<b>0.100 * SISMO</b>

#### COMBINACIONES DE CARGA - DISEÑO DE ELEMENTOS

COMBO	D	L	SISMOX	SISMOY
<b>C1:</b>	<b>1.4</b>			
<b>C2:</b>	<b>1.2</b>	<b>1.6</b>		
<b>C3:</b>	<b>1.2</b>	<b>1</b>	<b>0.333</b>	<b>0.100</b>
<b>C4:</b>	<b>1.2</b>	<b>1</b>	<b>0.333</b>	<b>-0.100</b>
<b>C5:</b>	<b>1.2</b>	<b>1</b>	<b>-0.333</b>	<b>0.100</b>
<b>C6:</b>	<b>1.2</b>	<b>1</b>	<b>-0.333</b>	<b>-0.100</b>
<b>C7:</b>	<b>1.2</b>	<b>1</b>	<b>0.100</b>	<b>0.333</b>
<b>C8:</b>	<b>1.2</b>	<b>1</b>	<b>0.100</b>	<b>-0.333</b>
<b>C9:</b>	<b>1.2</b>	<b>1</b>	<b>-0.100</b>	<b>0.333</b>
<b>C10:</b>	<b>1.2</b>	<b>1</b>	<b>-0.100</b>	<b>-0.333</b>
<b>C11:</b>	<b>0.9</b>		<b>0.333</b>	<b>0.100</b>
<b>C12:</b>	<b>0.9</b>		<b>0.333</b>	<b>-0.100</b>
<b>C13:</b>	<b>0.9</b>		<b>-0.333</b>	<b>0.100</b>
<b>C14:</b>	<b>0.9</b>		<b>-0.333</b>	<b>-0.100</b>
<b>C15:</b>	<b>0.9</b>		<b>0.100</b>	<b>0.333</b>
<b>C16:</b>	<b>0.9</b>		<b>0.100</b>	<b>-0.333</b>
<b>C17:</b>	<b>0.9</b>		<b>-0.100</b>	<b>0.333</b>
<b>C18:</b>	<b>0.9</b>		<b>-0.100</b>	<b>-0.333</b>

<b>1.4D</b>
<b>1.2D+1.6L</b>
<b>1.2D+1.0L+1.0E</b>
<b>0.9D+1.0E</b>



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

### COMBINACIONES DE CARGA - CIMENTACION NORMA NSR-10

<b>Ro:</b>	<b>5</b>	$R = R_o * \phi_p * \phi_a * \phi_r =$	<b>3.75</b>
<b><math>\phi_p</math>:</b>	<b>1</b>		
<b><math>\phi_a</math>:</b>	<b>1</b>	$0.7E = 0.7 * I * (1/R) * SISMO =$	<b>0.233 *SISMO</b>
<b><math>\phi_r</math>:</b>	<b>0.75</b>		
<b>I:</b>	<b>1.25</b>	$0.75 * 0.7E = 0.75 * 0.7 * I * (1/R) * SISMO =$	<b>0.175 *SISMO</b>

### COMBINACIONES DE CARGA - DISEÑO DE ELEMENTOS

COMBO	D	L	SISMOX	SISMOY
<b>CIM1:</b>	<b>1</b>			
<b>CIM2:</b>	<b>1</b>	<b>1</b>		
<b>CIM3:</b>	<b>1</b>		<b>0.233</b>	<b>0.070</b>
<b>CIM4:</b>	<b>1</b>		<b>0.070</b>	<b>0.233</b>
<b>CIM5:</b>	<b>1</b>	<b>0.75</b>	<b>0.175</b>	<b>0.053</b>
<b>CIM6:</b>	<b>1</b>	<b>0.75</b>	<b>0.053</b>	<b>0.175</b>
<b>CIM7:</b>	<b>0.6</b>		<b>0.233</b>	<b>0.070</b>
<b>CIM8:</b>	<b>0.6</b>		<b>0.070</b>	<b>0.233</b>

D
D+L
D+0.7E
D+0.75L+0.75(0.7E)
0.6D+0.7E



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

**RESISTENCIA AL CORTANTE COLUMNAS**  
**C.21.3.3.2.b - NORMA NSR-10**

<b>Ro:</b>	<b>5</b>	<b><math>R = R_o * \phi_p * \phi_a * \phi_r =</math></b>	<b>3.75</b>
<b><math>\phi_p</math>:</b>	<b>1</b>	<b><math>\Omega * E = 3 * I * (1/R) * SISMO =</math></b>	<b>1.000 * SISMO</b>
<b><math>\phi_a</math>:</b>	<b>1</b>		
<b><math>\phi_r</math>:</b>	<b>0.75</b>		
<b>I:</b>	<b>1.25</b>	<b><math>\Omega * 0.3E = \Omega * I * (1/R) * SISMO * 0.3 =</math></b>	<b>0.300 * SISMO</b>

**COMBINACIONES DE CARGA - DISEÑO DE ELEMENTOS**

COMBO	D	L	SISMOX	SISMOY
VnC:1	1.3	1	1.000	0.300
VnC:2	1.3	1	1.000	-0.300
VnC:3	1.1	1	-1.000	0.300
VnC:4	1.1	1	-1.000	-0.300
VnC:5	1.3	1	0.300	1.000
VnC:6	1.1	1	0.300	-1.000
VnC:7	1.3	1	-0.300	1.000
VnC:8	1.1	1	-0.300	-1.000
VnC:9	1.0		1.000	0.300
VnC:10	1.0		1.000	-0.300
VnC:11	0.8		-1.000	0.300
VnC:12	0.8		-1.000	-0.300
VnC:13	1.0		0.300	1.000
VnC:14	0.8		0.300	-1.000
VnC:15	1.0		-0.300	1.000
VnC:16	0.8		-0.300	-1.000

1.2D+1.0L+ $\Omega$ \*E  
 $\pm 0.5 * A_a * F_a * D$

0.9D+ $\Omega$ \*E  
 $\pm 0.5 * A_a * F_a * D$



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

**RESISTENCIA AL CORTANTE VIGAS**  
**C.21.3.3.1.b - NORMA NSR-10**

<b>Ro:</b>	<b>5</b>	<b><math>R = R_o * \phi_p * \phi_a * \phi_r =</math></b>	<b>3.75</b>
<b><math>\phi_p</math>:</b>	<b>1</b>	<b><math>2 * E = 2 * I * (1/R) * SISMO =</math></b>	<b>0.667 * SISMO</b>
<b><math>\phi_a</math>:</b>	<b>1</b>		
<b><math>\phi_r</math>:</b>	<b>0.75</b>		
<b>I:</b>	<b>1.25</b>	<b><math>2 * 0.3E = 2 * I * (1/R) * SISMO * 0.3 =</math></b>	<b>0.200 * SISMO</b>

**COMBINACIONES DE CARGA - DISEÑO DE ELEMENTOS**

COMBO	D	L	SISMOX	SISMOY
VnV:1	1.2	1	0.667	0.200
VnV:2	1.2	1	0.667	-0.200
VnV:3	1.2	1	-0.667	0.200
VnV:4	1.2	1	-0.667	-0.200
VnV:5	1.2	1	0.200	0.667
VnV:6	1.2	1	0.200	-0.667
VnV:7	1.2	1	-0.200	0.667
VnV:8	1.2	1	-0.200	-0.667
VnV:9	0.9		0.667	0.200
VnV:10	0.9		0.667	-0.200
VnV:11	0.9		-0.667	0.200
VnV:12	0.9		-0.667	-0.200
VnV:13	0.9		0.200	0.667
VnV:14	0.9		0.200	-0.667
VnV:15	0.9		-0.200	0.667
VnV:16	0.9		-0.200	-0.667

1.2D+1.0L+2\*E

0.9D+2\*E



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

## ANEXO 2.5. ANALISIS DE VIENTO



ANÁLISIS DE CARGA DE VIENTO - Sistema Principal Resistente a Cargas de Viento			
NSR -10 Edificaciones total o parcialmente cerradas de cualquier altura			
Método 2: Procedimiento analítico (B.6.5)			
Propietario:	SEC. EDUCACION Y SEC. CULTURA	Ingeniero:	Fabio Andres Rivera
Proyecto:	TEATRO EL ENSUENO	Fecha:	Noviembre - 2014

**Datos de entrada:**

Dirección del viento =	<b>Normal</b>	(Normal o Paralelo a la cumbrera)
Velocidad del viento, V =	<b>28</b>	m/s (Figura B.6.4-1)
Factor de Importancia, I =	<b>IV</b>	(Ver Tabla A.2.5-1 / Según grupo de uso)
Categoría de exposición =	<b>C</b>	(B.6.5.6.3)
Altura de la cumbrera, hr =	<b>20.57</b>	m (hr >= he)
Altura de la cornisa, he =	<b>20.57</b>	m (he <= hr)
Ancho del edificio =	<b>25.80</b>	m (Normal a la cumbrera)
Largo del edificio =	<b>52.98</b>	m (Paralelo a la cumbrera)
Tipo de cubierta =	<b>1 agua</b>	(1 agua - 2 aguas)
Factor topografico, Kzt =	<b>1.00</b>	(B.6.5.7 Y Figura 6.5-1)
Factor de dir del viento, Kd =	<b>0.85</b>	(Tabla B.6.5-4)
Edificio Cerrado? (S/N)	<b>S</b>	(Sección B.6.2 y figura B.6.5-2)
Region propensa a huracanes?	<b>N</b>	
Amortiguamiento, β =	<b>0.050</b>	(Sugerido = 0.010-0.070)
Coefficiente Periodo estruct, Ct =	<b>0.047</b>	(Tabla A.4.2-1)
Exponente periodo estruct, α =	<b>0.90</b>	(Tabla A.4.2-1)

(Se asume:  $T = C_t \cdot h^\alpha$ , y  $f = 1/T$ )

**Planta**

**Alzada**

**Parámetros resultantes y coeficientes:**

Angulo de inclinación de la cubierta, θ =	<b>0.00</b>	°	T = <b>0.715</b>	Periodo fundamental, s
Altura media del edificio, h =	<b>20.57</b>	m (h = (hr+he)/2, para angulos >10°, de otra manera h=he)		L = 25.8 m B = 52.98 m
Cp (Muro en barlovento) =	<b>0.80</b>	(Fig. B.6.5-3)		
Cp (Muro en sotavento) =	<b>-0.50</b>	(Fig. B.6.5-3)		
Cp (muros laterales) =	<b>-0.70</b>	(Fig. B.6.5-3)		
Cubierta Cp (zona #1) =	<b>-0.98</b>	<b>-0.18</b>	(Fig. B.6.5-3)	(zona #1 para 0 a h/2)
Cubierta Cp (zona #2) =	<b>-0.78</b>	<b>-0.18</b>	(Fig. B.6.5-3)	(zona #2 para h/2 a h)
Cubierta Cp (zona #3) =	<b>-0.62</b>	<b>-0.18</b>	(Fig. B.6.5-3)	(zona #3 para h a 2*h)
Cubierta Cp (zona #4) =	<b>N.A.</b>	<b>N.A.</b>	(Fig. B.6.5-3)	(zona #4 para > 2*h)
+GCpi Coef. =	<b>0.18</b>	Coeficientes de presión interna, GCpi (Fig. B.6.5-2)		
-GCpi Coef. =	<b>-0.18</b>	Coeficientes de presión interna, GCpi (Fig. B.6.5-2)		

Si h < 4m entonces: Kh = 2.01\*(4.0/zg)^(2/a), Si h ≥ 4m entonces: Kh = 2.01\*(z/zg)^(2/a) (Tabla 6.5-3, Caso 2a)

α =	<b>9.50</b>	zg =	<b>274.3</b>	(Tabla B.6.5-2)
Kh =	<b>1.17</b>	(Kh = Kz evaluado en z = h)		
I =	<b>1.15</b>	(Tabla B.6.5-1)		

Presion por velocidad: qz = 0.613\*Kz\*Kzt\*Kd\*V^2\*I (Ecuación B.6.5-13)

qh =	<b>0.56</b>	KN/m²	qh = 0.613*Kh*Kzt*Kd*V^2*I (qz evaluado en z = h)	
Relación h/L =	<b>0.80</b>	frec., f =	<b>1.40</b>	hz. (f >= 1, Estructura rígida)
Factor de efecto ráfaga, G =	<b>0.85</b>	(Sección B.6.5.8)		

Presiones netas de diseño (Sec. B.6.5.12.2.1):

p = qz\*G\*Cp - qi\*(+/-GCpi) Para muro a barlovento, donde: qi = qz (Sec. B.6.5.12.2.1)

p = qh\*G\*Cp - qi\*(+/-GCpi) Para muro a sotavento, muros laterales, y cubierta, donde: qi = qh (Sec. B.6.5.12.2.1)

Viento Normal a la cumbrera para SPRFV - Edificios de cualquier altura						
Superficie	z	Kz	qz	Cp	Pres. Net. de dis. (KN/m <sup>2</sup> )	
	(m)		(KN/m <sup>2</sup> )		(w/ +GCpi)	(w/ -GCpi)
<b>Muro en Barlovento</b>	4.00	0.85	0.41	0.80	0.18	0.38
	6.00	0.90	0.43	0.80	0.19	0.39
	8.00	0.95	0.46	0.80	0.21	0.41
	12.00	1.04	0.50	0.80	0.24	0.44
	14.00	1.07	0.52	0.80	0.25	0.45
	16.00	1.11	0.53	0.80	0.26	0.46
	17.00	1.12	0.54	0.80	0.26	0.47
Para z = he:	20.57	1.17	0.56	0.80	0.28	0.48
Para z = h:	20.57	1.17	0.56	0.80	0.28	0.48
<b>Muro a Sotavento</b>	Todos	-	-	-0.50	-0.34	-0.14
<b>Muros Laterales</b>	Todos	-	-	-0.70	-0.43	-0.23
<b>Cubierta (zona #1) cond. 1</b>	-	-	-	-0.98	-0.57	-0.37
<b>Cubierta (zona #1) cond. 2</b>	-	-	-	-0.18	-0.19	0.02
<b>Cubierta (zona #2) cond. 1</b>	-	-	-	-0.78	-0.47	-0.27
<b>Cubierta (zona #2) cond. 2</b>	-	-	-	-0.18	-0.19	0.02
<b>Cubierta (zona #3) cond. 1</b>	-	-	-	-0.62	-0.40	-0.19
<b>Cubierta (zona #3) cond. 2</b>	-	-	-	-0.18	-0.19	0.02

Notas: 1. (+) y (-) representan cargas de viento de presión y succión respectivamente  
2. Ver presiones mínimas de diseño según B.6.1.3  
3. Referencias: Capítulo B.6 - NSR 10  
ASCE 7-05 Standard, "Minimum Design Loads for Buildings and Other Structures"  
Guide to the Use of the Wind Load Provisions of ASCE 7-02  
4. Cubierta zona #1 se aplica desde la distancia horizontal 0 a h/2 desde el borde de barlovento.  
5. Cubierta zona #2 se aplica desde la distancia horizontal h/2 a h desde el borde de barlovento.  
6. Cubierta zona #3 se aplica desde la distancia horizontal h a 2\*h desde el borde de barlovento.

### Calculo del factor de efecto ráfaga, G:

Es la estructura flexible? **No**  $f \geq 1$  Hz.

1: Para estructuras rígidas

G = **0.85**

Parámetros para el cálculo del Factor de Efecto Ráfaga de la tabla B.6.5-2

$\alpha^* =$  **0.11**  
 $b^* =$  **1.00**  
 $\alpha(\text{bar}) =$  **0.15**  
 $b(\text{bar}) =$  **0.65**  
 $c =$  **0.20**  
 $l =$  **152.4** m  
 $\varepsilon(\text{bar}) =$  **0.20**  
 $z(\text{min}) =$  **4.6** m

Calculo de parámetros para el cálculo del Factor de Efecto Ráfaga para edificios flexibles y rígidos

$z(\text{bar}) =$  **12.34** =  $0.6 \cdot h$ , pero no  $< z(\text{min})$ , m  
 $l_z(\text{bar}) =$  **0.193** =  $c \cdot (33/z(\text{bar}))^{1/6}$ , Ec. B.6.5-3  
 $L_z(\text{bar}) =$  **520.88** =  $l \cdot (z(\text{bar})/33)^{\alpha(\text{bar})}$ , Ec. B.6.5-5  
 $g_q =$  **3.4** (3.4, según sección B.6.5.8.1)  
 $g_v =$  **3.4** (3.4, según sección B.6.5.8.1)  
 $g_r =$  **4.269** =  $(2 \cdot (\ln(3600 \cdot f)))^{1/2} + 0.577 / (2 \cdot \ln(3600 \cdot f))^{1/2}$ , Ec. B.6.5-7  
 $Q =$  **0.849** =  $(1 / (1 + 0.63 \cdot ((B+h)/L_z(\text{bar}))^{0.63}))^{1/2}$ , Ec. B.6.5-4

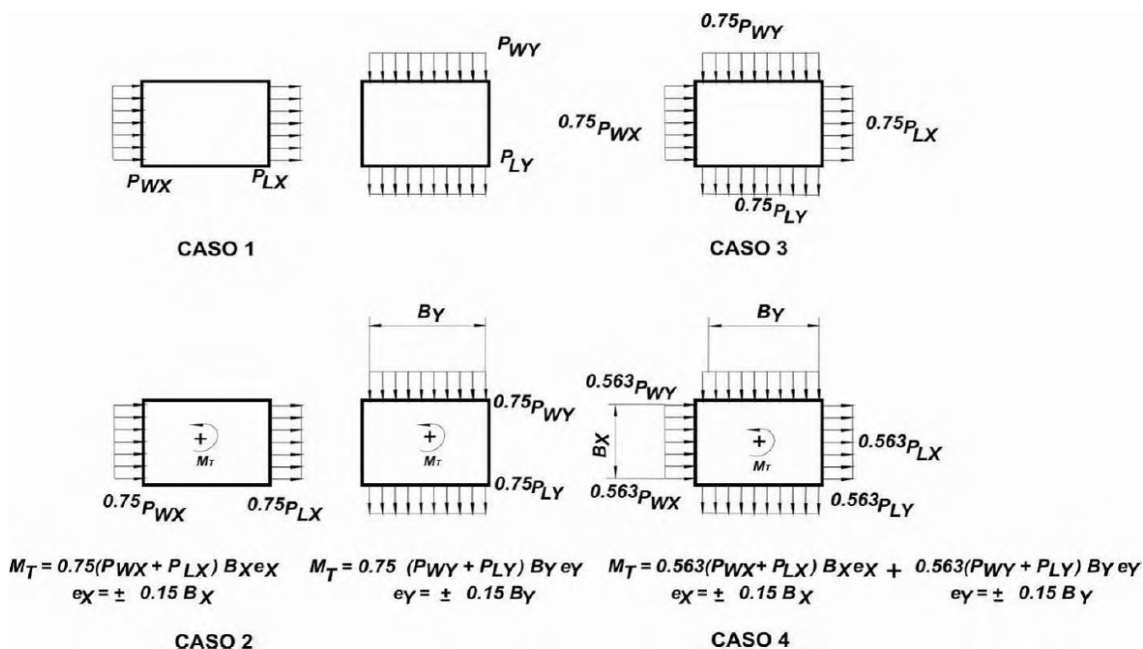
2: Calculo de G para edificios rígidos

G = **0.851** =  $0.925 \cdot ((1 + 1.7 \cdot g_q \cdot l_z(\text{bar}) \cdot Q) / (1 + 1.7 \cdot g_v \cdot l_z(\text{bar})))$ , Ec. B.6.5-2

3: Calculo de Gf para edificios flexibles

$\beta =$  **0.050** Amortiguamiento  
 $C_t =$  **0.047** Coef. Period.  $\alpha =$  **0.90** Exp. Period.  
 $T =$  **0.7145** =  $C_t \cdot h^{\alpha}$ , s. (Periodo aproximado de la estructura,  $C_t=0.072$ ,  $\alpha=0.8$ )  
 $f =$  **1.3996** =  $1/T$ , Hz. (frecuencia natural)  
 $V(\text{fps}) =$  **N.A.** = m/s  
 $V(\text{bar}, z_{\text{bar}}) =$  **N.A.** =  $b(\text{bar}) \cdot (z(\text{bar})/10)^{\alpha(\text{bar})} \cdot V$ , m/s, Ec. B.6.5-12  
 $N_1 =$  **N.A.** =  $f \cdot L_z(\text{bar}) / (V(\text{bar}, z_{\text{bar}}))$ , Ec. B.6.5-10  
 $R_n =$  **N.A.** =  $7.47 \cdot N_1 / (1 + 10.3 \cdot N_1^{5/3})$ , Ec. B.6.5-9  
 $\eta_h =$  **N.A.** =  $4.6 \cdot f \cdot h / (V(\text{bar}, z_{\text{bar}}))$   
 $R_h =$  **N.A.** =  $(1/\eta_h) - 1 / (2 \cdot \eta_h^2) \cdot (1 - e^{-2 \cdot \eta_h})$  for  $\eta_h > 0$ , or = 1 for  $\eta_h = 0$ , Ec. B.6.5-11a  
 $\eta_b =$  **N.A.** =  $4.6 \cdot f \cdot B / (V(\text{bar}, z_{\text{bar}}))$   
 $R_B =$  **N.A.** =  $(1/\eta_b) - 1 / (2 \cdot \eta_b^2) \cdot (1 - e^{-2 \cdot \eta_b})$  for  $\eta_b > 0$ , or = 1 for  $\eta_b = 0$ , Ec. B.6.5-11a  
 $\eta_d =$  **N.A.** =  $15.4 \cdot f \cdot L / (V(\text{bar}, z_{\text{bar}}))$   
 $R_L =$  **N.A.** =  $(1/\eta_d) - 1 / (2 \cdot \eta_d^2) \cdot (1 - e^{-2 \cdot \eta_d})$  for  $\eta_d > 0$ , or = 1 for  $\eta_d = 0$ , Ec. B.6.5-11a  
 $R =$  **N.A.** =  $((1/\beta) \cdot R_n \cdot R_h \cdot R_B \cdot (0.53 + 0.47 \cdot R_L))^{1/2}$ , Ec. B.6.5-8  
 $G_f =$  **N.A.** =  $0.925 \cdot (1 + 1.7 \cdot l_z(\text{bar}) \cdot (g_q^2 \cdot Q^2 + g_r^2 \cdot R^2)^{1/2}) / (1 + 1.7 \cdot g_v \cdot l_z(\text{bar}))$ ,  
Use: G = **0.850** Ec. B.6.5-6

**Figura B.6.5-6 - Casos de carga de viento de diseño para SPRFV para edificios de cualquier altura**



**Caso 1.** La totalidad de la presión de viento de diseño que actúa sobre el área proyectada perpendicular a cada eje principal de la estructura, considerada separadamente para cada eje principal.

**Caso 2.** Tres cuartas partes de la presión del viento de diseño actuando sobre el área proyectada perpendicular a cada eje principal de la estructura, en conjunto con un momento torsional como el mostrado y considerada separadamente para cada eje principal.

**Caso 3.** Carga de viento como se define en el caso 1, pero considerando que actúa simultáneamente con el 75% del valor especificado.

**Caso 4.** Carga de viento como se define en el caso 2, pero considerando que actúa simultáneamente con el 75% del valor especificado.

**Notas:**

1. Las presiones de viento de diseño para las caras de barlovento y sotavento se determinarán de acuerdo con lo estipulado en B.6.5.12.2.1 y B.6.5.12.2.3, aplicable para edificaciones de todas las alturas.

2. Los diagramas muestran vistas en planta de la edificación.

3. Notación:

$P_{WX}$ ,  $P_{WY}$ : Presión de diseño por viento para la cara de barlovento actuando en el eje principal x y el eje principal y, respectivamente

$P_{LX}$ ,  $P_{LY}$ : Presión de diseño por viento para la cara de sotavento actuando en el eje principal x y el eje principal y, respectivamente

$e$  ( $e_x, e_y$ ): Excentricidad para el eje principal x, y el eje principal y, respectivamente

$M_T$ : Momento torsional por unidad de altura actuando alrededor de un eje vertical de la edificación.



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

## **ANEXO 2.6. AJUSTE DE CORTANTE SISMICA EN LA BASE**

<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

## **AJUSTE DE CORTANTE SISMICA EN LA BASE**

### 1. Calculo del periodo aproximado según A.4.2.2

$$T_a = C_t h^\alpha$$

Tabla A.4.2-1

Valor de los parámetros  $C_t$  y  $\alpha$  para el cálculo del período aproximado  $T_a$

Sistema estructural de resistencia sísmica	$C_t$	$\alpha$
Pórticos resistentes a momentos de concreto reforzado que resisten la totalidad de las fuerzas sísmicas y que no están limitados o adheridos a componentes más rígidos, estructurales o no estructurales, que limiten los desplazamientos horizontales al verse sometidos a las fuerzas sísmicas.	0.047	0.9
Pórticos resistentes a momentos de acero estructural que resisten la totalidad de las fuerzas sísmicas y que no están limitados o adheridos a componentes más rígidos, estructurales o no estructurales, que limiten los desplazamientos horizontales al verse sometidos a las fuerzas sísmicas.	0.072	0.8
Pórticos arriostrados de acero estructural con diagonales excéntricas restringidas a pandeo.	0.073	0.75
Todos los otros sistemas estructurales basados en muros de rigidez similar o mayor a la de muros de concreto o mampostería	0.049	0.75
Alternativamente, para estructuras que tengan muros estructurales de concreto reforzado o mampostería estructural, pueden emplearse los siguientes parámetros $C_t$ y $\alpha$ , donde $C_w$ se calcula utilizando la ecuación A.4.2-4.	$\frac{0.0062}{\sqrt{C_w}}$	1.00

**Ct:** 0.047      Coeficiente para el calcular el periodo de la estructura  
**h:** 20.57      altura en metros, medida desde la base, del piso mas alto del edificio  
 **$\alpha$ :** 0.9      Exponente del periodo aproximado

**Ta:** 0.715 Seg

### 2. Valor de la aceleración espectral (ver anexo Espectro de Diseño)

**Sa:** 0.478 g

### 3. Valor del exponente k

Valores de entrada - Etab	<b>Sa:</b>	0.48
	<b>k:</b>	1.11

**k:** 1.11 Seg

### 4. Valor del periodo máximo de la estructura (Análisis Dinámico)

**T < CuTa**      T: periodo de la estructura del análisis dinámico

**Cu=1.75-1.2AvFv > 1.2**

**Av:** 0.2  
**Fv:** 1.95

**Cu:** 1.28      **CuTa:** 0.92



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

**T1:** 0.4665 Seg Período Fundamental del análisis dinámico (Etabs)  
**T2:** 0.3445 Seg Período Fundamental del análisis dinámico (Etabs)  
**Sa:** 0.478 g

#### 5. Cortantes Sísmicas en la Base

**Vu:** 2913.23 Ton Cortante Basal según FHE (Etabs)  
**0.8Vu:** 2330.584 Ton **Edificio Regular**  
**0.9Vu:** 2621.907 Ton **Edificio Irregular**

#### 6. Ajuste de resultados (gravedad)

**Vux:** 1796.64 Ton  
**Vuy:** 1872.79 Ton

#### Edificio Regular

**gx:** 12.71  
**gy:** 12.20

#### Edificio Irregular

**gx:** 14.30  
**gy:** 13.72



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

Story Shears									
Edit View									
Story Shears									
	Story	Load	Loc	P	VX	VY	T	MX	MY
▶	CB3(N+20.57)	FHE	Top	0.00	-422.97	0.00	6124.422	0.000	0.000
	CB3(N+20.57)	FHE	Bottom	0.00	-804.83	0.01	11420.083	-0.041	-3944.881
	CB3(N+20.57)	SISMOX	Top	0.00	303.80	49.30	4735.243	0.000	0.000
	CB3(N+20.57)	SISMOX	Bottom	0.00	548.00	83.79	7983.988	420.519	2718.803
	CB3(N+20.57)	SISMOY	Top	0.00	27.30	346.24	4422.684	0.000	0.000
	CB3(N+20.57)	SISMOY	Bottom	0.00	42.85	605.62	7416.910	3028.616	219.055
	CB2(N+14.60)	FHE	Top	0.00	-1265.28	0.02	23368.667	-0.041	-3944.881
	CB2(N+14.60)	FHE	Bottom	0.00	-1267.18	0.02	23423.197	-0.099	-8123.837
	CB2(N+14.60)	SISMOX	Top	0.00	794.98	118.37	14683.754	420.519	2718.803
	CB2(N+14.60)	SISMOX	Bottom	0.00	795.99	118.51	14715.977	790.615	5284.835
	CB2(N+14.60)	SISMOY	Top	0.00	43.01	841.77	10481.081	3028.616	219.055
	CB2(N+14.60)	SISMOY	Bottom	0.00	43.27	842.69	10492.996	5732.641	240.881
	CB1(N+11.30)	FHE	Top	0.00	-2022.45	0.04	44331.649	-0.099	-8123.837
	CB1(N+11.30)	FHE	Bottom	0.00	-2117.39	0.04	47656.787	-0.251	-16651.319
	CB1(N+11.30)	SISMOX	Top	0.00	1236.66	186.10	28001.486	790.615	5284.835
	CB1(N+11.30)	SISMOX	Bottom	0.00	1280.47	191.87	29666.855	1515.575	10320.545
	CB1(N+11.30)	SISMOY	Top	0.00	131.15	1269.46	17647.025	5732.641	240.881
	CB1(N+11.30)	SISMOY	Bottom	0.00	147.44	1313.42	18386.454	10756.936	602.781
	3ER(N+7.20)	FHE	Top	0.00	-2597.82	0.06	59873.568	-0.251	-16651.319
	3ER(N+7.20)	FHE	Bottom	0.00	-2597.82	0.06	59873.568	-0.459	-25535.853
	3ER(N+7.20)	SISMOX	Top	0.00	1554.18	230.02	37241.919	1515.575	10320.545
	3ER(N+7.20)	SISMOX	Bottom	0.00	1554.18	230.02	37241.919	2261.681	15521.186
	3ER(N+7.20)	SISMOY	Top	0.00	198.28	1592.30	23384.644	10756.936	602.781
	3ER(N+7.20)	SISMOY	Bottom	0.00	198.28	1592.30	23384.644	15934.852	1222.960
	2DO(N+3.78)	FHE	Top	0.00	-2854.28	0.09	67287.158	-0.459	-25535.853
	2DO(N+3.78)	FHE	Bottom	0.00	-2854.28	0.09	67287.158	-0.754	-35297.497
	2DO(N+3.78)	SISMOX	Top	0.00	1709.42	257.24	42901.280	2261.681	15521.186
	2DO(N+3.78)	SISMOX	Bottom	0.00	1709.42	257.24	42901.280	3085.806	21220.094
	2DO(N+3.78)	SISMOY	Top	0.00	243.52	1768.23	26899.271	15934.852	1222.960
	2DO(N+3.78)	SISMOY	Bottom	0.00	243.52	1768.23	26899.271	21684.747	2005.926
	1ER (N+0.36)	FHE	Top	0.00	-2913.23	0.12	69165.801	-0.754	-35297.497
	1ER (N+0.36)	FHE	Bottom	0.00	-2913.23	0.12	69165.801	-0.852	-37773.739
	1ER (N+0.36)	SISMOX	Top	0.00	1796.59	279.06	47059.670	3085.806	21220.094
	1ER (N+0.36)	SISMOX	Bottom	0.00	1796.59	279.06	47059.670	3301.109	22690.716
	1ER (N+0.36)	SISMOY	Top	0.00	275.99	1872.91	29056.664	21684.747	2005.926
	1ER (N+0.36)	SISMOY	Bottom	0.00	275.99	1872.91	29056.664	23180.273	2223.195
◀ ▶ 🔍									
									OK

FUENTE: Modelacion en Etabs





<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

## **ANEXO 2.7. RESUMEN DE CARGAS SISMICAS**



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	OCTUBRE - 2014

### **FUENTE DE MASA**

<b>Tipo de carga</b>	<b>% de participacion</b>
Muerta	100%
Viva	10%

### **MASA POR PISO**

<b>Nivel</b>	<b>Masa (Ton/g)</b>
N+20.57	35.45
N+14.60	41.38
N+11.30	112.30
N+7.20	109.53
N+3.78	105.21
N+0.36	119.08
N-0.49	73.87
N-4.09	37.07

### **FUERZAS SISMICAS POR PISO (Ton, m)**


<b>NIVEL</b>	<b>CARGA</b>	<b>P</b>	<b>VX</b>	<b>VY</b>	<b>T</b>	<b>MX</b>	<b>MY</b>
N+20.57	FHE	1.79E-08	-8.09E+02	6.98E-03	1.11E+04	-3.31E-02	-3.96E+03
N+14.60	FHE	1.99E-08	-1.26E+03	1.22E-02	2.25E+04	-7.33E-02	-8.12E+03
N+11.30	FHE	2.08E-08	-2.02E+03	1.81E-02	4.50E+04	-1.46E-01	-1.63E+04
N+7.20	FHE	1.92E-08	-2.48E+03	2.73E-02	5.64E+04	-2.39E-01	-2.48E+04
N+3.78	FHE	1.81E-08	-2.72E+03	3.87E-02	6.34E+04	-3.71E-01	-3.40E+04
N+0.36	FHE	1.83E-08	-2.77E+03	5.14E-02	6.51E+04	-4.15E-01	-3.64E+04
N-0.49	FHE	1.81E-08	-2.77E+03	5.58E-02	6.51E+04	-6.16E-01	-4.64E+04
N-4.09	FHE	8.36E+02	-8.59E+02	2.32E+02	4.49E+03	1.65E+03	-9.39E+03
N+20.57	FHEUMBRA	8.17E-09	-3.72E+02	3.07E-03	5.09E+03	-1.45E-02	-1.82E+03
N+14.60	FHEUMBRA	9.08E-09	-5.78E+02	5.35E-03	1.02E+04	-3.22E-02	-3.73E+03
N+11.30	FHEUMBRA	9.56E-09	-9.15E+02	7.54E-03	2.03E+04	-6.22E-02	-7.42E+03
N+7.20	FHEUMBRA	8.83E-09	-1.11E+03	1.12E-02	2.52E+04	-1.01E-01	-1.12E+04
N+3.78	FHEUMBRA	8.30E-09	-1.20E+03	1.60E-02	2.78E+04	-1.55E-01	-1.53E+04
N+0.36	FHEUMBRA	8.37E-09	-1.20E+03	2.14E-02	2.78E+04	-1.73E-01	-1.63E+04
N-0.49	FHEUMBRA	8.27E-09	-1.20E+03	2.32E-02	2.78E+04	-2.57E-01	-2.07E+04
N-4.09	FHEUMBRA	3.74E+02	-3.80E+02	1.01E+02	1.95E+03	7.60E+02	-4.15E+03




Propietario: SEC. EDUCACION Y SEC. CULTURA      Calculó: ING. FABIO RIVERA  
Proyecto: COLEGIO Y TEATRO EL ENSUEÑO      Revisó: ING. JUAN C. PATIÑO  
Localización: BOGOTA - CUNDINAMARCA      Hoja:  
Contenido: TEATRO - M. DE CALCULOS      Fecha: OCTUBRE - 2014

NIVEL	CARGA	P	VX	VY	T	MX	MY
N+20.57	SISMOX	1.80E-08	8.13E+02	9.65E+01	1.13E+04	4.84E+02	4.03E+03
N+14.60	SISMOX	1.98E-08	1.17E+03	1.28E+02	2.07E+04	8.83E+02	7.80E+03
N+11.30	SISMOX	2.05E-08	1.78E+03	1.98E+02	4.16E+04	1.60E+03	1.48E+04
N+7.20	SISMOX	1.94E-08	2.16E+03	2.40E+02	5.24E+04	2.35E+03	2.20E+04
N+3.78	SISMOX	1.87E-08	2.38E+03	2.73E+02	6.04E+04	3.19E+03	3.00E+04
N+0.36	SISMOX	1.90E-08	2.50E+03	3.00E+02	6.61E+04	3.41E+03	3.20E+04
N-0.49	SISMOX	1.88E-08	2.59E+03	3.19E+02	6.79E+04	4.42E+03	4.09E+04
N-4.09	SISMOX	8.25E+02	9.04E+02	2.87E+02	6.85E+03	2.33E+03	9.57E+03
N+20.57	SISMOY	3.49E-08	4.96E+01	8.49E+02	1.04E+04	4.24E+03	2.55E+02
N+14.60	SISMOY	3.29E-08	4.55E+01	1.18E+03	1.46E+04	8.03E+03	3.10E+02
N+11.30	SISMOY	3.28E-08	1.42E+02	1.77E+03	2.34E+04	1.48E+04	6.32E+02
N+7.20	SISMOY	3.32E-08	1.93E+02	2.14E+03	2.93E+04	2.18E+04	1.20E+03
N+3.78	SISMOY	3.37E-08	2.37E+02	2.37E+03	3.33E+04	2.95E+04	1.94E+03
N+0.36	SISMOY	3.31E-08	2.69E+02	2.50E+03	3.57E+04	3.15E+04	2.15E+03
N-0.49	SISMOY	3.31E-08	2.92E+02	2.59E+03	3.70E+04	4.02E+04	3.10E+03
N-4.09	SISMOY	3.94E+02	1.16E+02	4.11E+02	9.82E+03	1.36E+03	6.78E+03
N+20.57	UMBRLX	8.34E-09	3.64E+02	7.43E+01	5.04E+03	3.73E+02	1.80E+03
N+14.60	UMBRLX	9.11E-09	5.22E+02	9.46E+01	9.13E+03	6.70E+02	3.49E+03
N+11.30	UMBRLX	9.43E-09	7.84E+02	1.43E+02	1.81E+04	1.19E+03	6.59E+03
N+7.20	UMBRLX	8.93E-09	9.49E+02	1.79E+02	2.28E+04	1.73E+03	9.76E+03
N+3.78	UMBRLX	8.64E-09	1.04E+03	2.03E+02	2.62E+04	2.36E+03	1.32E+04
N+0.36	UMBRLX	8.75E-09	1.08E+03	2.19E+02	2.85E+04	2.53E+03	1.41E+04
N-0.49	UMBRLX	8.68E-09	1.12E+03	2.29E+02	2.92E+04	3.28E+03	1.80E+04
N-4.09	UMBRLX	3.70E+02	4.01E+02	1.33E+02	3.22E+03	1.06E+03	4.27E+03
N+20.57	UMBRLY	1.54E-08	4.15E+01	3.72E+02	4.44E+03	1.86E+03	2.13E+02
N+14.60	UMBRLY	1.45E-08	3.26E+01	5.22E+02	5.97E+03	3.54E+03	2.64E+02
N+11.30	UMBRLY	1.44E-08	1.05E+02	7.77E+02	9.51E+03	6.55E+03	4.79E+02
N+7.20	UMBRLY	1.46E-08	1.46E+02	9.37E+02	1.21E+04	9.61E+03	8.94E+02
N+3.78	UMBRLY	1.49E-08	1.80E+02	1.03E+03	1.38E+04	1.30E+04	1.46E+03
N+0.36	UMBRLY	1.46E-08	2.01E+02	1.08E+03	1.49E+04	1.39E+04	1.62E+03
N-0.49	UMBRLY	1.47E-08	2.14E+02	1.12E+03	1.53E+04	1.77E+04	2.33E+03
N-4.09	UMBRLY	1.74E+02	7.09E+01	1.65E+02	3.93E+03	6.86E+02	2.97E+03

**NOTA:** El analisis se hace por el metodo dinamico con el ajuste de cortante en la base.

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 1 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

### **ANEXO 3. DATOS DE ENTRADA**

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 2 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

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S T O R Y D A T A

STORY	SIMILAR TO	HEIGHT	ELEVATION
CB3(N+20.57	None	5.970	28.230
CB2(N+14.60	CB1(N+11.30	3.300	22.260
CB1(N+11.30	None	4.110	18.960
3ER(N+7.20)	CB1(N+11.30	3.420	14.850
2DO(N+3.78)	CB1(N+11.30	3.420	11.430
1ER (N+0.36	CB1(N+11.30	0.850	8.010
1ER(N-0.49)	CB1(N+11.30	3.600	7.160
SOT1(N-4.09	CB1(N+11.30	3.560	3.560
BASE	None		0.000

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M A S S S O U R C E D A T A

MASS	LATERAL	LUMP MASS
FROM	MASS ONLY	AT STORIES
Loads	Yes	Yes

M A S S S O U R C E L O A D S

LOAD	MULTIPLIER
DEAD	1.0000
LIVE	0.1000

ETABS v9.7.3 File:MODELO4 Units:Ton-m Noviembre 6, 2014 16:03 PAGE 3

D I A P H R A G M M A S S D A T A

STORY	DIAPHRAGM	MASS-X	MASS-Y	MMI	X-M	Y-M
CB3(N+20.57	CUB3	3.545E+01	3.545E+01	3.364E+03	11.800	14.481
CB2(N+14.60	CUB2	4.138E+01	4.138E+01	6.255E+03	11.700	31.216
CB1(N+11.30	CUB1	7.908E+01	7.908E+01	1.734E+04	13.314	37.526
CB1(N+11.30	CUB1A	3.322E+01	3.322E+01	2.672E+03	11.792	4.329
3ER(N+7.20)	3ER	7.482E+01	7.482E+01	1.457E+04	13.389	35.388
3ER(N+7.20)	3ERA	3.471E+01	3.471E+01	3.163E+03	11.886	3.998
2DO(N+3.78)	2DO	7.805E+01	7.805E+01	1.559E+04	13.171	37.523
2DO(N+3.78)	2DOA	2.716E+01	2.716E+01	2.880E+03	11.937	4.235
1ER (N+0.36	1ERTOP	9.782E+01	9.782E+01	1.629E+04	13.033	37.916
1ER (N+0.36	1ERTOP1	2.125E+01	2.125E+01	2.110E+03	11.922	3.560
1ER(N-0.49)	1ER	7.387E+01	7.387E+01	9.118E+03	11.662	10.054
SOT1(N-4.09	SOT1	3.243E+01	3.243E+01	2.631E+03	15.354	7.210

ETABS v9.7.3 File:MODELO4 Units:Ton-m Noviembre 6, 2014 16:03 PAGE 4

A S S E M B L E D P O I N T M A S S E S

STORY	POINT	UX	UY	UZ	RX	RY	RZ
CB3(N+20.57	33-1	1.017E+00	1.017E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57	34-1	8.341E-01	8.341E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57	38-1	8.346E-01	8.346E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57	40-1	9.620E-01	9.620E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57	52-1	1.151E+00	1.151E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57	53-1	3.350E-01	3.350E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57	54-1	2.308E-01	2.308E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57	55-1	3.521E-01	3.521E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57	56-1	2.542E-01	2.542E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57	57-1	9.650E-02	9.650E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57	58-1	2.728E-01	2.728E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 3 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57 60-1	1.619E-01	1.619E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 61-1	2.566E-01	2.566E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 62-1	1.619E-01	1.619E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 64-1	2.579E-01	2.579E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 65-1	1.171E-01	1.171E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 67-1	2.765E-01	2.765E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 68-1	5.704E-01	5.704E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 70-1	1.048E+00	1.048E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 78-1	5.089E-02	5.089E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 79-1	1.809E-01	1.809E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 80-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 81-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 82-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 83-1	2.229E-01	2.229E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 84-1	9.286E-02	9.286E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 88-1	1.425E+00	1.425E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 89-1	1.425E+00	1.425E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 95-1	5.080E-02	5.080E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 96-1	2.101E-01	2.101E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 97-1	2.885E-01	2.885E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 98-1	2.885E-01	2.885E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 99-1	2.885E-01	2.885E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 100-1	2.520E-01	2.520E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 101-1	9.277E-02	9.277E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 109-1	5.089E-02	5.089E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 110-1	1.809E-01	1.809E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 111-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 112-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 113-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 114-1	2.229E-01	2.229E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 115-1	9.286E-02	9.286E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 125-1	5.080E-02	5.080E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 126-1	2.192E-01	2.192E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 129-1	2.982E-01	2.982E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 130-1	2.982E-01	2.982E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 131-1	2.982E-01	2.982E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 134-1	2.612E-01	2.612E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 135-1	9.277E-02	9.277E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 144-1	5.089E-02	5.089E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 145-1	1.809E-01	1.809E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 146-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 147-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 148-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 149-1	2.229E-01	2.229E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 150-1	9.286E-02	9.286E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 160-1	5.080E-02	5.080E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 161-1	2.096E-01	2.096E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 162-1	2.887E-01	2.887E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 163-1	2.887E-01	2.887E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 164-1	2.887E-01	2.887E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 165-1	2.516E-01	2.516E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 166-1	9.277E-02	9.277E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 172-1	1.425E+00	1.425E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 173-1	1.425E+00	1.425E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 176-1	5.089E-02	5.089E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 177-1	1.809E-01	1.809E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 178-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 179-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 180-1	2.600E-01	2.600E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 181-1	2.229E-01	2.229E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 182-1	9.286E-02	9.286E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 188-1	8.059E-01	8.059E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 189-1	4.700E-01	4.700E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 190-1	2.308E-01	2.308E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 191-1	3.521E-01	3.521E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 192-1	2.295E-01	2.295E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 193-1	8.995E-01	8.995E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 195-1	1.094E-01	1.094E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 199-1	1.536E-01	1.536E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 4 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57 200-1	1.829E-01	1.829E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 201-1	1.536E-01	1.536E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 205-1	1.300E-01	1.300E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 207-1	8.995E-01	8.995E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 208-1	2.765E-01	2.765E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 209-1	7.008E-01	7.008E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 211-1	8.059E-01	8.059E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 685-2	8.673E-02	8.673E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 684-2	4.054E-02	4.054E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 685-4	2.806E-02	2.806E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 68-1-5	6.486E-03	6.486E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 713-1	1.066E-01	1.066E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 719-1	8.389E-02	8.389E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 724-1	8.389E-02	8.389E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 741-1	1.624E-01	1.624E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 742-1	1.624E-01	1.624E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 714-1	8.018E-02	8.018E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 715-1	8.018E-02	8.018E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 431	3.545E+01	3.545E+01	0.000E+00	0.000E+00	0.000E+00	3.364E+03
CB2(N+14.60 33	1.110E+00	1.110E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 34	8.963E-01	8.963E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 38	8.963E-01	8.963E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 40	1.033E+00	1.033E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 52	1.313E+00	1.313E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 53	3.743E-01	3.743E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 58	2.633E-01	2.633E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 61	6.737E-02	6.737E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 64	2.589E-01	2.589E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 68	3.365E-01	3.365E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 70	1.117E+00	1.117E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 88	1.495E+00	1.495E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 89	1.495E+00	1.495E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 276-1	6.762E-03	6.762E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 277-1	1.558E-02	1.558E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 278-1	1.558E-02	1.558E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 279-1	1.551E-02	1.551E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 280-1	1.539E-02	1.539E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 281-1	1.539E-02	1.539E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 282-1	2.040E-02	2.040E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 283-1	1.539E-02	1.539E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 284-1	1.539E-02	1.539E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 285-1	1.551E-02	1.551E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 286-1	1.558E-02	1.558E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 287-1	1.558E-02	1.558E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 288-1	6.762E-03	6.762E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 683	2.256E-01	2.256E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 685	1.270E-01	1.270E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 705	2.256E-01	2.256E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 713	1.477E-01	1.477E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 714	1.106E-01	1.106E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 715	1.106E-01	1.106E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 719	1.167E-01	1.167E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 724	1.167E-01	1.167E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 685-3	2.654E-02	2.654E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 68-1-4	6.486E-03	6.486E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 432	4.138E+01	4.138E+01	0.000E+00	0.000E+00	0.000E+00	6.255E+03
CB2(N+14.60 (1120)	2.602E-01	2.602E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 (1121)	2.602E-01	2.602E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 (1122)	9.900E-04	9.900E-04	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 (1123)	1.704E-02	1.704E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 (1124)	1.704E-02	1.704E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 (1125)	9.900E-04	9.900E-04	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 314-1	7.663E-01	7.663E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 315-1	7.663E-01	7.663E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 333-1	1.769E+00	1.769E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 334-1	1.875E+00	1.875E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 335-1	1.769E+00	1.769E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 343-1	1.368E+00	1.368E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 344-1	2.306E+00	2.306E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 5 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30 345-1	1.368E+00	1.368E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 53-1-3	1.873E-01	1.873E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 68-1-3	1.873E-01	1.873E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 58-1-1	2.758E-02	2.758E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 64-1-1	2.758E-02	2.758E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 682-1	2.723E-02	2.723E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 683-1	2.676E-02	2.676E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 684-1	2.676E-02	2.676E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 685-1	2.723E-02	2.723E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 61-1-1	3.873E-02	3.873E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 686-1	2.898E-02	2.898E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 687-1	2.898E-02	2.898E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 688-1	2.898E-02	2.898E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 689-1	2.898E-02	2.898E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 690-1	2.898E-02	2.898E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 691-1	2.898E-02	2.898E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 52-1-1	4.532E-01	4.532E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 70-1-1	4.532E-01	4.532E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 88-1-1	2.719E-01	2.719E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 89-1-1	2.719E-01	2.719E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 433	7.908E+01	7.908E+01	0.000E+00	0.000E+00	0.000E+00	1.734E+04
CB1(N+11.30 434	3.322E+01	3.322E+01	0.000E+00	0.000E+00	0.000E+00	2.672E+03
CB1(N+11.30 (1126)	2.602E-01	2.602E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 (1127)	2.602E-01	2.602E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3ER(N+7.20) 435	7.482E+01	7.482E+01	0.000E+00	0.000E+00	0.000E+00	1.457E+04
3ER(N+7.20) 436	3.471E+01	3.471E+01	0.000E+00	0.000E+00	0.000E+00	3.163E+03
3ER(N+7.20) (1128)	2.602E-01	2.602E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3ER(N+7.20) (1129)	2.602E-01	2.602E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2DO(N+3.78) 437	7.805E+01	7.805E+01	0.000E+00	0.000E+00	0.000E+00	1.559E+04
2DO(N+3.78) 438	2.716E+01	2.716E+01	0.000E+00	0.000E+00	0.000E+00	2.880E+03
2DO(N+3.78) (1130)	2.602E-01	2.602E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2DO(N+3.78) (1131)	2.602E-01	2.602E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER (N+0.36 439	9.782E+01	9.782E+01	0.000E+00	0.000E+00	0.000E+00	1.629E+04
1ER (N+0.36 440	2.125E+01	2.125E+01	0.000E+00	0.000E+00	0.000E+00	2.110E+03
1ER (N+0.36 (1133)	2.602E-01	2.602E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER (N+0.36 (1134)	4.248E-01	4.248E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER (N+0.36 (1135)	4.248E-01	4.248E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER (N+0.36 (1136)	2.602E-01	2.602E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER (N+0.36 (1137)	2.846E-01	2.846E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER (N+0.36 (1138)	1.246E-01	1.246E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER (N+0.36 (1139)	1.171E-01	1.171E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER (N+0.36 (1140)	4.423E-01	4.423E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 221	1.758E-01	1.758E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 222	1.758E-01	1.758E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 228	4.314E-01	4.314E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 229	5.124E-01	5.124E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 230	5.442E-02	5.442E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 231	2.711E-01	2.711E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 232	2.711E-01	2.711E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 233	5.442E-02	5.442E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 235	5.124E-01	5.124E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 236	4.314E-01	4.314E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 237	1.071E-01	1.071E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 238	1.071E-01	1.071E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 256	1.191E-01	1.191E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 257	4.329E-01	4.329E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 258	4.329E-01	4.329E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 259	1.191E-01	1.191E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 270	2.354E-02	2.354E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 271	6.332E-01	6.332E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 272	6.332E-01	6.332E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 273	7.612E-03	7.612E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 276	4.639E-01	4.639E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 288	4.639E-01	4.639E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 289	8.162E-02	8.162E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 300	1.882E-01	1.882E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 302	1.882E-01	1.882E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 328	1.047E-01	1.047E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 329	1.268E-01	1.268E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 6 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49) 331	2.944E-01	2.944E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 332	1.676E-01	1.676E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 333	2.540E-01	2.540E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 334	1.963E-01	1.963E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 335	2.540E-01	2.540E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 336	1.676E-01	1.676E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 337	2.944E-01	2.944E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 339	1.268E-01	1.268E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 341	3.849E-01	3.849E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 342	3.849E-01	3.849E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 343	1.309E-01	1.309E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 345	1.309E-01	1.309E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 346	5.624E-02	5.624E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 348	2.620E-03	2.620E-03	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 349	1.399E-01	1.399E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 350	4.416E-01	4.416E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 352	3.189E-01	3.189E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 355	1.963E-01	1.963E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 359	3.189E-01	3.189E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 360	3.598E-01	3.598E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 361	4.089E-02	4.089E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 363	8.236E-01	8.236E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 375	1.963E-01	1.963E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 382	8.339E-01	8.339E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 383	4.411E-01	4.411E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 385	3.189E-01	3.189E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 386	3.598E-01	3.598E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 387	4.089E-02	4.089E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) 441	7.387E+01	7.387E+01	0.000E+00	0.000E+00	0.000E+00	9.118E+03
1ER(N-0.49) (1141)	1.147E+00	1.147E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) (1142)	1.147E+00	1.147E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 1	4.808E-01	4.808E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 2	3.970E-01	3.970E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 3	2.565E+00	2.565E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 33	5.205E-01	5.205E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 34	1.701E+00	1.701E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 40	2.074E+00	2.074E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 52	5.160E-01	5.160E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 53	1.588E-01	1.588E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 88	6.792E-01	6.792E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 172	6.792E-01	6.792E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 173	2.382E-01	2.382E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 188	5.475E-01	5.475E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 189	1.588E-01	1.588E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 193	3.176E-01	3.176E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 207	3.176E-01	3.176E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 209	1.588E-01	1.588E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 211	5.475E-01	5.475E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 221	1.422E-01	1.422E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 222	1.422E-01	1.422E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 228	3.490E-01	3.490E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 229	3.418E-01	3.418E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 230	4.403E-02	4.403E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 231	2.193E-01	2.193E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 232	2.193E-01	2.193E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 233	4.403E-02	4.403E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 235	3.418E-01	3.418E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 236	3.490E-01	3.490E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 237	8.660E-02	8.660E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 238	8.660E-02	8.660E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 256	9.633E-02	9.633E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 257	3.502E-01	3.502E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 258	3.502E-01	3.502E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 259	9.633E-02	9.633E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 271	5.061E-01	5.061E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 272	5.061E-01	5.061E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 276	3.753E-01	3.753E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 288	3.753E-01	3.753E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09) 300	1.588E-01	1.588E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 7 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 302	1.588E-01	1.588E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 329	1.026E-01	1.026E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 331	2.382E-01	2.382E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 332	1.356E-01	1.356E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 333	2.055E-01	2.055E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 334	1.588E-01	1.588E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 335	2.055E-01	2.055E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 336	1.356E-01	1.356E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 337	2.382E-01	2.382E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 339	1.026E-01	1.026E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 341	3.114E-01	3.114E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 342	3.114E-01	3.114E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 343	1.059E-01	1.059E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 345	1.059E-01	1.059E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 349	9.924E-02	9.924E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 350	3.573E-01	3.573E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 352	2.580E-01	2.580E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 355	1.588E-01	1.588E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 359	2.580E-01	2.580E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 360	2.911E-01	2.911E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 361	3.308E-02	3.308E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 363	6.642E-01	6.642E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 375	1.588E-01	1.588E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 382	6.642E-01	6.642E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 383	3.464E-01	3.464E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 385	2.580E-01	2.580E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 386	2.911E-01	2.911E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 387	3.308E-02	3.308E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 442	3.243E+01	3.243E+01	0.000E+00	0.000E+00	0.000E+00	2.631E+03
BASE 3	1.058E+00	1.058E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 4	1.119E+00	1.119E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 5	9.127E-01	9.127E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 7	5.103E-01	5.103E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 8	6.553E-01	6.553E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 34	6.717E-01	6.717E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 35	3.053E-01	3.053E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 38	1.527E-01	1.527E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 40	7.829E-01	7.829E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 59	7.333E-01	7.333E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 63	6.264E-01	6.264E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 64	5.768E-01	5.768E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 68	4.776E-01	4.776E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 70	5.986E-01	5.986E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 89	2.355E-01	2.355E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 186	1.508E+00	1.508E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 187	1.508E+00	1.508E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 745	1.115E+00	1.115E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BASE 746	1.115E+00	1.115E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 All	6.743E+01	6.743E+01	0.000E+00	0.000E+00	0.000E+00	3.364E+03
CB2(N+14.60 All	5.399E+01	5.399E+01	0.000E+00	0.000E+00	0.000E+00	6.255E+03
CB1(N+11.30 All	1.270E+02	1.270E+02	0.000E+00	0.000E+00	0.000E+00	2.002E+04
3ER(N+7.20) All	1.101E+02	1.101E+02	0.000E+00	0.000E+00	0.000E+00	1.774E+04
2DO(N+3.78) All	1.057E+02	1.057E+02	0.000E+00	0.000E+00	0.000E+00	1.847E+04
1ER (N+0.36 All	1.214E+02	1.214E+02	0.000E+00	0.000E+00	0.000E+00	1.840E+04
1ER(N-0.49) All	9.096E+01	9.096E+01	0.000E+00	0.000E+00	0.000E+00	9.118E+03
SOT1(N-4.09 All	5.605E+01	5.605E+01	0.000E+00	0.000E+00	0.000E+00	2.631E+03
BASE All	1.466E+01	1.466E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Totals All	7.473E+02	7.473E+02	0.000E+00	0.000E+00	0.000E+00	9.599E+04

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M A T E R I A L L I S T B Y E L E M E N T T Y P E

ELEMENT TYPE	MATERIAL	TOTAL MASS tons	NUMBER PIECES	NUMBER STUDS
Column	STEEL	9.41	64	
Column	CONC	5.19	4	


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 8 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

Column	COL	325.39	105	
Beam	STEEL	55.35	321	0
Beam	CONC	1428.23	523	0
Beam	COL	227.00	120	0
Brace	STEEL	11.97	64	
Brace	CONC	50.17	11	
Wall	CONC	632.35		
Wall	PANT	1089.64		
Floor	CONC	1224.50		
Metal Deck	N.A.	48.37		

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M A T E R I A L L I S T B Y S E C T I O N

SECTION	ELEMENT TYPE	NUMBER PIECES	TOTAL LENGTH meters	TOTAL MASS tons	NUMBER STUDS
V15X60	Beam	3	6.600	1.43	0
V35X60	Beam	6	32.400	13.93	0
COL100	Column	5	15.400	29.06	
COL40X60	Column	4	8.900	5.13	
COL60X60	Column	56	176.850	152.99	
V30X60	Beam	58	268.853	116.16	0
V40X60	Column	2	6.600	3.81	
V40X60	Beam	143	546.636	309.04	0
V40X60	Brace	2	10.368	5.98	
V50X60	Beam	80	430.622	290.90	0
V60X60	Beam	225	773.014	635.59	0
V20X60	Beam	101	318.212	90.98	0
V60X100	Beam	19	97.391	136.03	0
IPE160	Beam	70	163.800	2.51	0
IPE180	Beam	6	16.400	0.31	0
IPE200	Beam	2	2.700	0.06	0
IPE270	Beam	11	36.600	1.29	0
IPE300	Column	13	18.200	0.77	
IPE300	Beam	38	163.248	6.72	0
IPE300	Brace	12	28.140	1.19	
IPE400	Beam	5	35.781	2.24	0
IPE500	Column	23	43.198	3.93	
IPE500	Beam	43	119.669	10.18	0
IPE500	Brace	26	64.667	5.88	
TUB300X300X	Column	8	28.080	2.55	
COL60	Column	2	1.700	1.16	
COL50	Column	4	8.900	4.20	
IPE600	Beam	9	122.400	14.90	0
V60X90	Beam	8	48.156	61.19	0
V60X90	Brace	9	34.056	44.19	
C40X40	Column	2	3.605	1.39	
COL60X120	Column	16	49.340	85.37	
CSUP	Beam	20	68.000	6.66	0
2C10X153	Column	15	33.750	1.53	
2C10X153	Beam	20	68.000	2.83	0
2C10X153	Brace	20	81.541	3.69	
IPE360	Column	5	11.250	0.64	
IPE360	Beam	15	74.300	3.84	0
IPE360	Brace	6	21.301	1.21	
C6X8.2	Beam	42	125.090	1.46	0
2C220X80X2.	Beam	40	199.858	2.35	0
COL35X100	Column	18	56.460	47.49	
LOSA60	Floor			1063.03	
LOSA60	Metal Deck			32.30	
STEELDECK10	Floor			161.47	
STEELDECK10	Metal Deck			10.03	
PANT60	Wall			939.96	
MUROCONT	Wall			102.53	
PANT40	Wall			149.69	
MUROS15	Wall			257.70	


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 9 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

ALFAJOR Metal Deck 6.04  
MURO35 Wall 272.11

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M A T E R I A L L I S T B Y S T O R Y

STORY	ELEMENT TYPE	MATERIAL	TOTAL WEIGHT tons	FLOOR AREA m2	UNIT WEIGHT kg/m2	NUMBER PIECES	NUMBER STUDS
CB3(N+20.57	Column	STEEL	5.49	658.080	8.3496	33	
CB3(N+20.57	Column	COL	41.03	658.080	62.3470	12	
CB3(N+20.57	Beam	STEEL	34.81	658.080	52.9021	185	0
CB3(N+20.57	Beam	CONC	80.91	658.080	122.9544	32	0
CB3(N+20.57	Brace	STEEL	7.78	658.080	11.8198	36	
CB3(N+20.57	Wall	PANT	103.29	658.080	156.9574		
CB3(N+20.57	Floor	CONC	118.60	658.080	180.2250		
CB3(N+20.57	Metal Deck	N.A.	7.37	658.080	11.2000		
CB2(N+14.60	Column	STEEL	2.27	523.153	4.3321	18	
CB2(N+14.60	Column	CONC	3.81	523.153	7.2758	2	
CB2(N+14.60	Column	COL	22.68	523.153	43.3516	6	
CB2(N+14.60	Beam	STEEL	11.07	523.153	21.1656	84	0
CB2(N+14.60	Beam	CONC	107.16	523.153	204.8384	39	0
CB2(N+14.60	Beam	COL	11.40	523.153	21.7832	14	0
CB2(N+14.60	Brace	STEEL	1.58	523.153	3.0186	14	
CB2(N+14.60	Wall	CONC	45.48	523.153	86.9292		
CB2(N+14.60	Wall	PANT	121.71	523.153	232.6514		
CB2(N+14.60	Floor	CONC	59.37	523.153	113.4938		
CB2(N+14.60	Metal Deck	N.A.	5.86	523.153	11.2000		
CB1(N+11.30	Column	STEEL	1.65	518.821	3.1838	13	
CB1(N+11.30	Column	CONC	1.39	518.821	2.6719	2	
CB1(N+11.30	Column	COL	46.67	518.821	89.9532	10	
CB1(N+11.30	Beam	STEEL	4.64	518.821	8.9460	39	0
CB1(N+11.30	Beam	CONC	290.14	518.821	559.2338	89	0
CB1(N+11.30	Beam	COL	80.62	518.821	155.3817	32	0
CB1(N+11.30	Brace	STEEL	2.61	518.821	5.0304	14	
CB1(N+11.30	Brace	CONC	50.17	518.821	96.7021	11	
CB1(N+11.30	Wall	CONC	56.64	518.821	109.1704		
CB1(N+11.30	Wall	PANT	224.18	518.821	432.1002		
CB1(N+11.30	Floor	CONC	179.36	518.821	345.7030		
CB1(N+11.30	Metal Deck	N.A.	7.97	518.821	15.3546		
3ER(N+7.20)	Column	COL	38.83	455.651	85.2288	10	
3ER(N+7.20)	Beam	CONC	223.24	455.651	489.9259	91	0
3ER(N+7.20)	Beam	COL	43.37	455.651	95.1738	30	0
3ER(N+7.20)	Wall	CONC	47.13	455.651	103.4367		
3ER(N+7.20)	Wall	PANT	186.55	455.651	409.4058		
3ER(N+7.20)	Floor	CONC	167.97	455.651	368.6485		
3ER(N+7.20)	Metal Deck	N.A.	5.10	455.651	11.2000		
2DO(N+3.78)	Column	COL	38.83	481.535	80.6474	10	
2DO(N+3.78)	Beam	CONC	235.75	481.535	489.5768	91	0
2DO(N+3.78)	Beam	COL	50.69	481.535	105.2736	27	0
2DO(N+3.78)	Wall	CONC	47.13	481.535	97.8765		
2DO(N+3.78)	Wall	PANT	186.55	481.535	387.3985		
2DO(N+3.78)	Floor	CONC	177.52	481.535	368.6485		
2DO(N+3.78)	Metal Deck	N.A.	5.39	481.535	11.2000		
1ER (N+0.36	Column	COL	14.80	844.427	17.5212	19	
1ER (N+0.36	Beam	CONC	269.54	844.427	319.2004	104	0
1ER (N+0.36	Beam	COL	15.04	844.427	17.8099	12	0
1ER (N+0.36	Wall	CONC	24.48	844.427	28.9902		
1ER (N+0.36	Wall	PANT	46.36	844.427	54.9057		
1ER (N+0.36	Floor	CONC	311.30	844.427	368.6485		
1ER (N+0.36	Metal Deck	N.A.	9.46	844.427	11.2000		

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 10 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	Column	COL	82.69	527.950	156.6156	25	
1ER(N-0.49)	Beam	STEEL	4.64	527.950	8.7808	11	0
1ER(N-0.49)	Beam	CONC	142.10	527.950	269.1504	52	0
1ER(N-0.49)	Beam	COL	24.62	527.950	46.6281	3	0
1ER(N-0.49)	Wall	CONC	188.43	527.950	356.9048		
1ER(N-0.49)	Wall	PANT	196.36	527.950	371.9375		
1ER(N-0.49)	Floor	CONC	167.21	527.950	316.7200		
1ER(N-0.49)	Metal Deck	N.A.	5.91	527.950	11.2000		
SOT1(N-4.09)	Column	COL	39.86	117.090	340.4630	13	
SOT1(N-4.09)	Beam	STEEL	0.19	117.090	1.6275	2	0
SOT1(N-4.09)	Beam	CONC	79.39	117.090	678.0487	25	0
SOT1(N-4.09)	Beam	COL	1.28	117.090	10.9099	2	0
SOT1(N-4.09)	Wall	CONC	223.06	117.090	1905.0584		
SOT1(N-4.09)	Wall	PANT	24.64	117.090	210.4149		
SOT1(N-4.09)	Floor	CONC	43.17	117.090	368.6485		
SOT1(N-4.09)	Metal Deck	N.A.	1.31	117.090	11.2000		
SUM	Column	STEEL	9.41	4126.706	2.2810	64	
SUM	Column	CONC	5.19	4126.706	1.2583	4	
SUM	Column	COL	325.39	4126.706	78.8505	105	
SUM	Beam	STEEL	55.35	4126.706	13.4137	321	0
SUM	Beam	CONC	1428.23	4126.706	346.0952	523	0
SUM	Beam	COL	227.00	4126.706	55.0085	120	0
SUM	Brace	STEEL	11.97	4126.706	2.9000	64	
SUM	Brace	CONC	50.17	4126.706	12.1577	11	
SUM	Wall	CONC	632.35	4126.706	153.2337		
SUM	Wall	PANT	1089.64	4126.706	264.0467		
SUM	Floor	CONC	1224.50	4126.706	296.7260		
SUM	Metal Deck	N.A.	48.37	4126.706	11.7223		
TOTAL	All	All	5107.60	4126.706	1237.6935	1212	0

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#### M A T E R I A L P R O P E R T Y D A T A

MATERIAL NAME	MATERIAL TYPE	DESIGN TYPE	MATERIAL DIR/PLANE	MODULUS OF ELASTICITY	POISSON'S RATIO	THERMAL COEFF	SHEAR MODULUS
STEEL	Iso	Steel	All	20389020.000	0.3000	1.1700E-05	7841930.769
CONC	Iso	Concrete	All	2180000.000	0.2000	9.9000E-06	908333.333
OTHER	Iso	None	All	20389020.000	0.3000	1.1700E-05	7841930.769
COL	Iso	Concrete	All	2526710.000	0.2000	9.9000E-06	1052795.833
PANT	Iso	Concrete	All	2824950.000	0.2000	9.9000E-06	1177062.500


#### M A T E R I A L P R O P E R T Y M A S S A N D W E I G H T

MATERIAL NAME	MASS PER UNIT VOL	WEIGHT PER UNIT VOL
STEEL	7.9814E-01	7.8334E+00
CONC	2.4480E-01	2.4030E+00
OTHER	7.9814E-01	7.8334E+00
COL	2.4480E-01	2.4030E+00
PANT	2.4480E-01	2.4030E+00

#### M A T E R I A L D E S I G N D A T A F O R S T E E L M A T E R I A L S

MATERIAL NAME	STEEL FY	STEEL FU	STEEL COST (\$)
STEEL	35153.480	45699.530	27679.91

#### M A T E R I A L D E S I G N D A T A F O R C O N C R E T E M A T E R I A L S


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 11 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

MATERIAL NAME	LIGHTWEIGHT CONCRETE	CONCRETE FC	REBAR FY	REBAR FYS	LIGHTWT REDUC FACT
CONC	No	2100.000	42000.000	42000.000	N/A
COL	No	2800.000	42000.000	42000.000	N/A
PANT	No	3500.000	42000.000	42000.000	N/A

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FRAME SECTION PROPERTY DATA


FRAME SECTION NAME	MATERIAL NAME	SECTION SHAPE NAME OR NAME IN SECTION DATABASE FILE	CONC COL	CONC BEAM
C50X70	COL	Rectangular	Yes	
V30X50	CONC	Rectangular		Yes
V35X50	CONC	Rectangular		Yes
V25X50	CONC	Rectangular		Yes
V15X60	CONC	Rectangular		Yes
TUB273.1X9.30MM	STEEL	Pipe		
TUB300X100X7.0MM	STEEL	Box/Tube		
C30X100	COL	Rectangular	Yes	
C220X80X2.5MM	STEEL	Channel		
CONTRAVIENTO	STEEL	Circle		
V40X70	CONC	Rectangular		Yes
V50X70	CONC	Rectangular		Yes
V40X50	CONC	Rectangular		Yes
COL40X40	COL	Rectangular	Yes	
V60X140	CONC	Rectangular		Yes
V30X70	CONC	Rectangular		Yes
V35X60	CONC	Rectangular		Yes
COL100	COL	Circle	Yes	
C80X40	COL	Rectangular	Yes	
COL40X60	COL	Rectangular	Yes	
COL60X60	COL	Rectangular	Yes	
V30X60	CONC	Rectangular		Yes
V40X60	CONC	Rectangular		Yes
V50X60	CONC	Rectangular		Yes
V60X60	CONC	Rectangular		Yes
V20X60	COL	Rectangular		Yes
V60X100	COL	Rectangular		Yes
V40X100	COL	Rectangular		Yes
V25X100	CONC	Rectangular		Yes
V20X100	CONC	Rectangular		Yes
IPE100	STEEL	IPE100		
IPE120	STEEL	IPE120		
IPE140	STEEL	IPE140		
IPE160	STEEL	IPE160		
IPE180	STEEL	IPE180		
IPE200	STEEL	IPE200		
IPE220	STEEL	IPE220		
IPE240	STEEL	IPE240		
IPE270	STEEL	IPE270		
IPE300	STEEL	IPE300		
IPE3300	STEEL	IPE3300		
IPE400	STEEL	IPE400		
IPE450	STEEL	IPE450		
IPE500	STEEL	IPE500		
TUB300X300X10.0MM	STEEL	Box/Tube		
COL60	COL	Circle	Yes	
COL50	COL	Circle	Yes	
IPE550	STEEL	IPE550		
IPE600	STEEL	IPE600		
V60X90	CONC	Rectangular		Yes
C40X40	CONC	Rectangular	Yes	
COL60X120	COL	Rectangular	Yes	
CSUP	STEEL	SD Section		
C8X11.5	STEEL	C8X11.5		
HE160A	STEEL	HE160A		

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 12 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2C10X153	STEEL	SD Section	
IPE360	STEEL	IPE360	
C6X8.2	STEEL	C6X8.2	
C10X15.3	STEEL	C10X15.3	
HE200B	STEEL	HE200B	
2C220X80X2.0MM	STEEL	Box/Tube	
COL35X100	COL	Rectangular	Yes

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION DEPTH	FLANGE WIDTH TOP	FLANGE THICK TOP	WEB THICK	FLANGE WIDTH BOT	FLANGE THICK BOT
C50X70	0.7000	0.5000	0.0000	0.0000	0.5000	0.0000
V30X50	0.5000	0.3000	0.0000	0.0000	0.3000	0.0000
V35X50	0.5000	0.3500	0.0000	0.0000	0.3500	0.0000
V25X50	0.5000	0.2500	0.0000	0.0000	0.2500	0.0000
V15X60	0.6000	0.1500	0.0000	0.0000	0.1500	0.0000
TUB273.1X9.30MM	0.2731	0.2731	0.0093	0.0093	0.2731	0.0000
TUB300X100X7.0MM	0.3000	0.1000	0.0070	0.0070	0.1000	0.0070
C30X100	1.0000	0.3000	0.0000	0.0000	0.3000	0.0000
C220X80X2.5MM	0.2200	0.0800	0.0025	0.0025	0.0800	0.0025
CONTRAVIENTO	0.0158	0.0158	0.0000	0.0000	0.0158	0.0000
V40X70	0.7000	0.4000	0.0000	0.0000	0.4000	0.0000
V50X70	0.7000	0.5000	0.0000	0.0000	0.5000	0.0000
V40X50	0.5000	0.4000	0.0000	0.0000	0.4000	0.0000
COL40X40	0.4000	0.4000	0.0000	0.0000	0.4000	0.0000
V60X140	1.4000	0.6000	0.0000	0.0000	0.6000	0.0000
V30X70	0.7000	0.3000	0.0000	0.0000	0.3000	0.0000
V35X60	0.6000	0.3500	0.0000	0.0000	0.3500	0.0000
COL100	1.0000	1.0000	0.0000	0.0000	1.0000	0.0000
C80X40	0.8000	0.4000	0.0000	0.0000	0.4000	0.0000
COL40X60	0.6000	0.4000	0.0000	0.0000	0.4000	0.0000
COL60X60	0.6000	0.6000	0.0000	0.0000	0.6000	0.0000
V30X60	0.6000	0.3000	0.0000	0.0000	0.3000	0.0000
V40X60	0.6000	0.4000	0.0000	0.0000	0.4000	0.0000
V50X60	0.6000	0.5000	0.0000	0.0000	0.5000	0.0000
V60X60	0.6000	0.6000	0.0000	0.0000	0.6000	0.0000
V20X60	0.6000	0.2000	0.0000	0.0000	0.2000	0.0000
V60X100	1.0000	0.6000	0.0000	0.0000	0.6000	0.0000
V40X100	1.0000	0.4000	0.0000	0.0000	0.4000	0.0000
V25X100	1.0000	0.2500	0.0000	0.0000	0.2500	0.0000
V20X100	1.0000	0.2000	0.0000	0.0000	0.2000	0.0000
IPE100	0.1000	0.0550	0.0057	0.0041	0.0550	0.0057
IPE120	0.1200	0.0640	0.0063	0.0044	0.0640	0.0063
IPE140	0.1400	0.0730	0.0069	0.0047	0.0730	0.0069
IPE160	0.1600	0.0820	0.0074	0.0050	0.0820	0.0074
IPE180	0.1800	0.0910	0.0080	0.0053	0.0910	0.0080
IPE200	0.2000	0.1000	0.0085	0.0056	0.1000	0.0085
IPE220	0.2200	0.1100	0.0092	0.0059	0.1100	0.0092
IPE240	0.2400	0.1200	0.0098	0.0062	0.1200	0.0098
IPE270	0.2700	0.1350	0.0102	0.0066	0.1350	0.0102
IPE300	0.3000	0.1500	0.0107	0.0071	0.1500	0.0107
IPE330O	0.3340	0.1620	0.0135	0.0085	0.1620	0.0135
IPE400	0.4000	0.1800	0.0135	0.0086	0.1800	0.0135
IPE450	0.4500	0.1900	0.0146	0.0094	0.1900	0.0146
IPE500	0.5000	0.2000	0.0160	0.0102	0.2000	0.0160
TUB300X300X10.0MM	0.3000	0.3000	0.0100	0.0100	0.3000	0.0100
COL60	0.6000	0.6000	0.0000	0.0000	0.6000	0.0000
COL50	0.5000	0.5000	0.0000	0.0000	0.5000	0.0000
IPE550	0.5500	0.2100	0.0172	0.0111	0.2100	0.0172
IPE600	0.6000	0.2200	0.0190	0.0120	0.2200	0.0190
V60X90	0.9000	0.6000	0.0000	0.0000	0.6000	0.0000
C40X40	0.4000	0.4000	0.0000	0.0000	0.4000	0.0000
COL60X120	0.6000	1.2000	0.0000	0.0000	1.2000	0.0000
CSUP	0.2540	0.3320	0.0000	0.0000	0.0000	0.0000
C8X11.5	0.2032	0.0574	0.0099	0.0056	0.0000	0.0000
HE160A	0.1520	0.1600	0.0090	0.0060	0.1600	0.0090


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 13 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2C10X153	0.2540	0.2754	0.0000	0.0000	0.0000	0.0000
IPE360	0.3600	0.1700	0.0127	0.0080	0.1700	0.0127
C6X8.2	0.1524	0.0488	0.0087	0.0051	0.0000	0.0000
C10X15.3	0.2540	0.0660	0.0111	0.0061	0.0000	0.0000
HE200B	0.2000	0.2000	0.0150	0.0090	0.2000	0.0150
2C220X80X2.0MM	0.2200	0.1600	0.0020	0.0020	0.1600	0.0020
COL35X100	0.3500	1.0000	0.0000	0.0000	1.0000	0.0000

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION AREA	TORSIONAL CONSTANT	MOMENTS OF INERTIA		SHEAR AREAS	
			I33	I22	A2	A3
C50X70	0.3500	0.0163	0.0143	0.0073	0.2917	0.2917
V30X50	0.1500	0.0028	0.0031	0.0011	0.1250	0.1250
V35X50	0.1750	0.0041	0.0036	0.0018	0.1458	0.1458
V25X50	0.1250	0.0018	0.0026	0.0007	0.1042	0.1042
V15X60	0.0900	0.0006	0.0027	0.0002	0.0750	0.0750
TUB273.1X9.30MM	0.0077	0.0001	0.0001	0.0001	0.0041	0.0041
TUB300X100X7.0MM	0.0054	0.0000	0.0001	0.0000	0.0042	0.0014
C30X100	0.3000	0.0073	0.0250	0.0023	0.2500	0.2500
C220X80X2.5MM	0.0009	0.0000	0.0000	0.0000	0.0006	0.0004
CONTRAVIENTO	0.0002	0.0000	0.0000	0.0000	0.0002	0.0002
V40X70	0.2800	0.0096	0.0114	0.0037	0.2333	0.2333
V50X70	0.3500	0.0163	0.0143	0.0073	0.2917	0.2917
V40X50	0.2000	0.0055	0.0042	0.0027	0.1667	0.1667
COL40X40	0.1600	0.0036	0.0021	0.0021	0.1333	0.1333
V60X140	0.8400	0.0737	0.1372	0.0252	0.7000	0.7000
V30X70	0.2100	0.0046	0.0086	0.0016	0.1750	0.1750
V35X60	0.2100	0.0055	0.0063	0.0021	0.1750	0.1750
COL100	0.7854	0.0982	0.0491	0.0491	0.7069	0.7069
C80X40	0.3200	0.0117	0.0171	0.0043	0.2667	0.2667
COL40X60	0.2400	0.0075	0.0072	0.0032	0.2000	0.2000
COL60X60	0.3600	0.0183	0.0108	0.0108	0.3000	0.3000
V30X60	0.1800	0.0037	0.0054	0.0014	0.1500	0.1500
V40X60	0.2400	0.0075	0.0072	0.0032	0.2000	0.2000
V50X60	0.3000	0.0124	0.0090	0.0063	0.2500	0.2500
V60X60	0.3600	0.0183	0.0108	0.0108	0.3000	0.3000
V20X60	0.1200	0.0013	0.0036	0.0004	0.1000	0.1000
V60X100	0.6000	0.0451	0.0500	0.0180	0.5000	0.5000
V40X100	0.4000	0.0160	0.0333	0.0053	0.3333	0.3333
V25X100	0.2500	0.0044	0.0208	0.0013	0.2083	0.2083
V20X100	0.2000	0.0023	0.0167	0.0007	0.1667	0.1667
IPE100	0.0010	0.0000	0.0000	0.0000	0.0004	0.0005
IPE120	0.0013	0.0000	0.0000	0.0000	0.0005	0.0007
IPE140	0.0016	0.0000	0.0000	0.0000	0.0007	0.0008
IPE160	0.0020	0.0000	0.0000	0.0000	0.0008	0.0010
IPE180	0.0024	0.0000	0.0000	0.0000	0.0010	0.0012
IPE200	0.0029	0.0000	0.0000	0.0000	0.0011	0.0014
IPE220	0.0033	0.0000	0.0000	0.0000	0.0013	0.0017
IPE240	0.0039	0.0000	0.0000	0.0000	0.0015	0.0020
IPE270	0.0046	0.0000	0.0001	0.0000	0.0018	0.0023
IPE300	0.0054	0.0000	0.0001	0.0000	0.0021	0.0027
IPE330O	0.0073	0.0000	0.0001	0.0000	0.0028	0.0036
IPE400	0.0085	0.0000	0.0002	0.0000	0.0034	0.0041
IPE450	0.0099	0.0000	0.0003	0.0000	0.0042	0.0046
IPE500	0.0116	0.0000	0.0005	0.0000	0.0051	0.0053
TUB300X300X10.0MM	0.0116	0.0002	0.0002	0.0002	0.0060	0.0060
COL60	0.2827	0.0127	0.0064	0.0064	0.2545	0.2545
COL50	0.1963	0.0061	0.0031	0.0031	0.1767	0.1767
IPE550	0.0134	0.0000	0.0007	0.0000	0.0061	0.0060
IPE600	0.0156	0.0000	0.0009	0.0000	0.0072	0.0070
V60X90	0.5400	0.0380	0.0365	0.0162	0.4500	0.4500
C40X40	0.1600	0.0036	0.0021	0.0021	0.1333	0.1333
COL60X120	0.7200	0.0593	0.0216	0.0864	0.6000	0.6000
CSUP	0.0136	0.0000	0.0001	0.0001	0.0092	0.0024
C8X11.5	0.0022	0.0000	0.0000	0.0000	0.0011	0.0011
HE160A	0.0039	0.0000	0.0000	0.0000	0.0009	0.0024




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 14 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2C10X153	0.0058	0.0000	0.0001	0.0000	0.0030	0.0543
IPE360	0.0073	0.0000	0.0002	0.0000	0.0029	0.0036
C6X8.2	0.0015	0.0000	0.0000	0.0000	0.0008	0.0008
C10X15.3	0.0029	0.0000	0.0000	0.0000	0.0015	0.0015
HE200B	0.0078	0.0000	0.0001	0.0000	0.0018	0.0050
2C220X80X2.0MM	0.0015	0.0000	0.0000	0.0000	0.0009	0.0006
COL35X100	0.3500	0.0111	0.0036	0.0292	0.2917	0.2917

FRAME SECTION PROPERTY DATA


FRAME SECTION NAME	SECTION MODULI		PLASTIC MODULI		RADIUS OF GYRATION	
	S33	S22	Z33	Z22	R33	R22
C50X70	0.0408	0.0292	0.0613	0.0438	0.2021	0.1443
V30X50	0.0125	0.0075	0.0188	0.0113	0.1443	0.0866
V35X50	0.0146	0.0102	0.0219	0.0153	0.1443	0.1010
V25X50	0.0104	0.0052	0.0156	0.0078	0.1443	0.0722
V15X60	0.0090	0.0023	0.0135	0.0034	0.1732	0.0433
TUB273.1X9.30MM	0.0005	0.0005	0.0006	0.0006	0.0933	0.0933
TUB300X100X7.0MM	0.0004	0.0002	0.0005	0.0002	0.1030	0.0427
C30X100	0.0500	0.0150	0.0750	0.0225	0.2887	0.0866
C220X80X2.5MM	0.0001	0.0000	0.0001	0.0000	0.0852	0.0244
CONTRAVIENTO	0.0000	0.0000	0.0000	0.0000	0.0040	0.0040
V40X70	0.0327	0.0187	0.0490	0.0280	0.2021	0.1155
V50X70	0.0408	0.0292	0.0613	0.0438	0.2021	0.1443
V40X50	0.0167	0.0133	0.0250	0.0200	0.1443	0.1155
COL40X40	0.0107	0.0107	0.0160	0.0160	0.1155	0.1155
V60X140	0.1960	0.0840	0.2940	0.1260	0.4041	0.1732
V30X70	0.0245	0.0105	0.0368	0.0158	0.2021	0.0866
V35X60	0.0210	0.0123	0.0315	0.0184	0.1732	0.1010
COL100	0.0982	0.0982	0.1667	0.1667	0.2500	0.2500
C80X40	0.0427	0.0213	0.0640	0.0320	0.2309	0.1155
COL40X60	0.0240	0.0160	0.0360	0.0240	0.1732	0.1155
COL60X60	0.0360	0.0360	0.0540	0.0540	0.1732	0.1732
V30X60	0.0180	0.0090	0.0270	0.0135	0.1732	0.0866
V40X60	0.0240	0.0160	0.0360	0.0240	0.1732	0.1155
V50X60	0.0300	0.0250	0.0450	0.0375	0.1732	0.1443
V60X60	0.0360	0.0360	0.0540	0.0540	0.1732	0.1732
V20X60	0.0120	0.0040	0.0180	0.0060	0.1732	0.0577
V60X100	0.1000	0.0600	0.1500	0.0900	0.2887	0.1732
V40X100	0.0667	0.0267	0.1000	0.0400	0.2887	0.1155
V25X100	0.0417	0.0104	0.0625	0.0156	0.2887	0.0722
V20X100	0.0333	0.0067	0.0500	0.0100	0.2887	0.0577
IPE100	0.0000	0.0000	0.0000	0.0000	0.0407	0.0124
IPE120	0.0001	0.0000	0.0001	0.0000	0.0491	0.0145
IPE140	0.0001	0.0000	0.0001	0.0000	0.0574	0.0165
IPE160	0.0001	0.0000	0.0001	0.0000	0.0658	0.0184
IPE180	0.0001	0.0000	0.0002	0.0000	0.0742	0.0206
IPE200	0.0002	0.0000	0.0002	0.0000	0.0826	0.0223
IPE220	0.0003	0.0000	0.0003	0.0001	0.0911	0.0248
IPE240	0.0003	0.0000	0.0004	0.0001	0.0998	0.0270
IPE270	0.0004	0.0001	0.0005	0.0001	0.1123	0.0302
IPE300	0.0006	0.0001	0.0006	0.0001	0.1246	0.0335
IPE330O	0.0008	0.0001	0.0009	0.0002	0.1384	0.0364
IPE400	0.0012	0.0001	0.0013	0.0002	0.1654	0.0395
IPE450	0.0015	0.0002	0.0017	0.0003	0.1848	0.0412
IPE500	0.0019	0.0002	0.0022	0.0003	0.2038	0.0430
TUB300X300X10.0MM	0.0011	0.0011	0.0013	0.0013	0.1185	0.1185
COL60	0.0212	0.0212	0.0360	0.0360	0.1500	0.1500
COL50	0.0123	0.0123	0.0208	0.0208	0.1250	0.1250
IPE550	0.0024	0.0003	0.0028	0.0004	0.2238	0.0446
IPE600	0.0031	0.0003	0.0035	0.0005	0.2430	0.0466
V60X90	0.0810	0.0540	0.1215	0.0810	0.2598	0.1732
C40X40	0.0107	0.0107	0.0160	0.0160	0.1155	0.1155
COL60X120	0.0720	0.1440	0.1080	0.2160	0.1732	0.3464
CSUP	0.0006	0.0008	0.0008	0.0013	0.0748	0.1003
C8X11.5	0.0001	0.0000	0.0002	0.0000	0.0789	0.0158
HE160A	0.0002	0.0001	0.0002	0.0001	0.0657	0.0398

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 15 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2C10X153	0.0004	0.0003	0.0005	0.0005	0.0984	0.0896
IPE360	0.0009	0.0001	0.0010	0.0002	0.1496	0.0379
C6X8.2	0.0001	0.0000	0.0001	0.0000	0.0595	0.0136
C10X15.3	0.0002	0.0000	0.0003	0.0000	0.0984	0.0181
HE200B	0.0006	0.0002	0.0006	0.0003	0.0854	0.0506
2C220X80X2.0MM	0.0001	0.0001	0.0001	0.0001	0.0854	0.0670
COL35X100	0.0204	0.0583	0.0306	0.0875	0.1010	0.2887

FRAME SECTION WEIGHTS AND MASSES

FRAME SECTION NAME	TOTAL WEIGHT	TOTAL MASS
C50X70	0.0000	0.0000
V30X50	0.0000	0.0000
V35X50	0.0000	0.0000
V25X50	0.0000	0.0000
V15X60	1.4274	0.1454
TUB273.1X9.30MM	0.0000	0.0000
TUB300X100X7.0MM	0.0000	0.0000
C30X100	0.0000	0.0000
C220X80X2.5MM	0.0000	0.0000
CONTRAVIENTO	0.0000	0.0000
V40X70	0.0000	0.0000
V50X70	0.0000	0.0000
V40X50	0.0000	0.0000
COL40X40	0.0000	0.0000
V60X140	0.0000	0.0000
V30X70	0.0000	0.0000
V35X60	13.9278	1.4189
COL100	29.0646	2.9609
C80X40	0.0000	0.0000
COL40X60	5.1328	0.5229
COL60X60	152.9894	15.5854
V30X60	116.1597	11.8335
V40X60	318.8269	32.4797
V50X60	290.9000	29.6348
V60X60	635.5869	64.7489
V20X60	90.9776	9.2681
V60X100	136.0265	13.8574
V40X100	0.0000	0.0000
V25X100	0.0000	0.0000
V20X100	0.0000	0.0000
IPE100	0.0000	0.0000
IPE120	0.0000	0.0000
IPE140	0.0000	0.0000
IPE160	2.5140	0.2562
IPE180	0.3070	0.0313
IPE200	0.0603	0.0061
IPE220	0.0000	0.0000
IPE240	0.0000	0.0000
IPE270	1.2890	0.1313
IPE300	8.6705	0.8834
IPE330O	0.0000	0.0000
IPE400	2.2394	0.2282
IPE450	0.0000	0.0000
IPE500	19.9849	2.0362
TUB300X300X10.0MM	2.5516	0.2600
COL60	1.1550	0.1177
COL50	4.1993	0.4278
IPE550	0.0000	0.0000
IPE600	14.8963	1.5178
V60X90	105.3820	10.7355
C40X40	1.3862	0.1412
COL60X120	85.3661	8.6965
CSUP	6.6581	0.6784
C8X11.5	0.0000	0.0000
HE160A	0.0000	0.0000

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 16 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2C10X153	8.0526	0.8205
IPE360	5.6954	0.5803
C6X8.2	1.4610	0.1489
C10X15.3	0.0000	0.0000
HE200B	0.0000	0.0000
2C220X80X2.0MM	2.3546	0.2399
COL35X100	47.4857	4.8375

#### CONCRETE COLUMN DATA

FRAME SECTION NAME	REINF CONFIGURATION		REINF SIZE/TYPE	NUM BARS 3DIR/2DIR	NUM BARS CIRCULAR	BAR COVER
	LONGIT	LATERAL				
C50X70	Rectangular	Ties	#9/Design	3/4	N/A	0.0500
C30X100	Rectangular	Ties	#9/Design	2/5	N/A	0.0500
COL40X40	Rectangular	Ties	#9/Design	3/3	N/A	0.0500
COL100	Circular	Ties	#7/Design	N/A	16	0.0500
C80X40	Rectangular	Ties	#9/Design	3/4	N/A	0.0800
COL40X60	Rectangular	Ties	#9/Design	3/4	N/A	0.0600
COL60X60	Rectangular	Ties	#9/Design	4/4	N/A	0.0500
COL60	Rectangular	Ties	#9/Design	3/3	N/A	0.1200
COL50	Rectangular	Ties	#9/Design	3/3	N/A	0.1100
C40X40	Rectangular	Ties	#9/Design	3/3	N/A	0.0500
COL60X120	Rectangular	Ties	#9/Design	7/4	N/A	0.0500
COL35X100	Rectangular	Ties	#9/Design	6/3	N/A	0.0500


#### CONCRETE BEAM DATA

FRAME SECTION NAME	TOP COVER	BOT COVER	TOP LEFT AREA	TOP RIGHT AREA	BOT LEFT AREA	BOT RIGHT AREA
V30X50	0.0500	0.0500	0.000	0.000	0.000	0.000
V35X50	0.0500	0.0500	0.000	0.000	0.000	0.000
V25X50	0.0500	0.0500	0.000	0.000	0.000	0.000
V15X60	0.0500	0.0500	0.000	0.000	0.000	0.000
V40X70	0.0500	0.0500	0.000	0.000	0.000	0.000
V50X70	0.0500	0.0500	0.000	0.000	0.000	0.000
V40X50	0.0500	0.0500	0.000	0.000	0.000	0.000
V60X140	0.1000	0.1000	0.000	0.000	0.000	0.000
V30X70	0.0500	0.0500	0.000	0.000	0.000	0.000
V35X60	0.0500	0.0500	0.000	0.000	0.000	0.000
V30X60	0.0500	0.0500	0.000	0.000	0.000	0.000
V40X60	0.0500	0.0500	0.000	0.000	0.000	0.000
V50X60	0.0500	0.0500	0.000	0.000	0.000	0.000
V60X60	0.0500	0.0500	0.000	0.000	0.000	0.000
V20X60	0.0500	0.0500	0.000	0.000	0.000	0.000
V60X100	0.0500	0.0500	0.000	0.000	0.000	0.000
V40X100	0.0500	0.0500	0.000	0.000	0.000	0.000
V25X100	0.0500	0.0500	0.000	0.000	0.000	0.000
V20X100	0.0500	0.0500	0.000	0.000	0.000	0.000
V60X90	0.0800	0.0800	0.000	0.000	0.000	0.000

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#### DECK SECTION PROPERTY DATA

DECK SECTION	DECK TYPE	SLAB MATERIAL	DECK MATERIAL	DECK SHEAR THICK	DECK UNIT WT
DECK1	Filled	CONC	N/A	N/A	1.1230E-02
LOSA60	Filled	CONC	N/A	N/A	1.1200E-02
STEELDECK10	Filled	CONC	N/A	N/A	1.1200E-02
STEELDECK11	Filled	CONC	N/A	N/A	1.1200E-02
ALFAJOR	Unfilled	N/A	STEEL	0.0009	1.1200E-02

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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 17 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

DECK SECTION SHEAR STUD DATA

DECK SECTION	STUD DIAM	STUD HEIGHT	STUD FU
DECK1	0.0191	0.1524	45699.530
LOSA60	0.0191	0.1524	45699.530
STEELDECK10	0.0191	0.1524	45699.530
STEELDECK11	0.0191	0.1524	45699.530
ALFAJOR	N/A	N/A	N/A

DECK SECTION GEOMETRY DATA

DECK SECTION	SLAB DEPTH	RIB DEPTH	RIB WIDTH	RIB SPACING
DECK1	0.0889	0.0762	0.1524	0.3048
LOSA60	0.0800	0.5200	0.1200	0.8500
STEELDECK10	0.0500	0.0500	0.1524	0.3048
STEELDECK11	0.0600	0.0500	0.1524	0.3048
ALFAJOR	N/A	0.0762	0.1524	0.3048

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STATIC LOAD CASES

STATIC CASE	CASE TYPE	AUTO LAT LOAD	SELF WT MULTIPLIER	NOTIONAL FACTOR	NOTIONAL DIRECTION
DEAD	DEAD	N/A	1.0000		
LIVE	LIVE	N/A	0.0000		
FHE	QUAKE	USER_COEFF	0.0000		
FHEUMBRAL	QUAKE	USER_COEFF	0.0000		
VIENTO	WIND	None	0.0000		

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RESPONSE SPECTRUM CASES

RESP SPEC CASE: SISMOX

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0500	0.0000	0.0500


RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	MICROBOG	14.3100
U2	----	N/A
UZ	----	N/A

RESP SPEC CASE: SISMOY

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0500	0.0000	0.0500

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 18 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	----	N/A
U2	MICROBOG	13.7300
UZ	----	N/A

RESP SPEC CASE: UMBRALX

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0200	0.0000	0.0500

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	UMBRAL	11.7600
U2	----	N/A
UZ	----	N/A

RESP SPEC CASE: UMBRALY

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0200	0.0000	0.0500

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	----	N/A
U2	UMBRAL	11.7800
UZ	----	N/A

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L O A D I N G C O M B I N A T I O N S

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
C1	ADD	DEAD	Static	1.4000
C2	ADD	DEAD	Static	1.2000
		LIVE	Static	1.6000
C3	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	0.3330
		SISMOY	Spectra	0.1000
C4	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	0.3330
		SISMOY	Spectra	-0.1000
C5	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	-0.3330
		SISMOY	Spectra	0.1000



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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 19 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

C6	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	-0.3330
		SISMOY	Spectra	-0.1000
C7	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	0.1000
		SISMOY	Spectra	0.3330
C8	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	0.1000
		SISMOY	Spectra	-0.3330
C9	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	-0.1000
		SISMOY	Spectra	0.3330
C10	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	-0.1000
		SISMOY	Spectra	-0.3330
C11	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	0.3330
		SISMOY	Spectra	0.1000
C12	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	0.3330
		SISMOY	Spectra	-0.1000
C13	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	-0.3330
		SISMOY	Spectra	0.1000
C14	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	-0.3330
		SISMOY	Spectra	-0.1000
C15	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	0.1000
		SISMOY	Spectra	0.3330
C16	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	0.1000
		SISMOY	Spectra	-0.3330
C17	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	-0.1000
		SISMOY	Spectra	0.3330
C18	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000
		SISMOX	Spectra	-0.1000
		SISMOY	Spectra	-0.3330
CIM1	ADD	DEAD	Static	1.0000
CIM2	ADD	DEAD	Static	1.0000
		LIVE	Static	1.0000
CIM3	ADD	DEAD	Static	1.0000
		SISMOX	Spectra	0.2330
		SISMOY	Spectra	0.0700
CIM4	ADD	DEAD	Static	1.0000
		SISMOX	Spectra	0.0700
		SISMOY	Spectra	0.2330
CIM5	ADD	DEAD	Static	1.0000
		LIVE	Static	0.7500
		SISMOX	Spectra	0.1750
		SISMOY	Spectra	0.0530
CIM6	ADD	DEAD	Static	1.0000
		LIVE	Static	0.7500
		SISMOX	Spectra	0.0530
		SISMOY	Spectra	0.1750



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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 20 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CIM7	ADD	DEAD	Static	0.6000
		SISMOX	Spectra	0.2330
		SISMOY	Spectra	0.0700
CIM8	ADD	DEAD	Static	0.6000
		SISMOX	Spectra	0.0700
		SISMOY	Spectra	0.2330
ENVCIM	ENVE	CIM1	Combo	1.0000
		CIM2	Combo	1.0000
		CIM3	Combo	1.0000
		CIM4	Combo	1.0000
		CIM5	Combo	1.0000
		CIM6	Combo	1.0000
		CIM7	Combo	1.0000
		CIM8	Combo	1.0000
ENVOL	ENVE	C1	Combo	1.0000
		C2	Combo	1.0000
		C3	Combo	1.0000
		C4	Combo	1.0000
		C5	Combo	1.0000
		C6	Combo	1.0000
		C7	Combo	1.0000
		C8	Combo	1.0000
		C9	Combo	1.0000
		C10	Combo	1.0000
		C11	Combo	1.0000
		C12	Combo	1.0000
		C13	Combo	1.0000
		C14	Combo	1.0000
		C15	Combo	1.0000
		C16	Combo	1.0000
		C17	Combo	1.0000
		C18	Combo	1.0000
D1	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	1.0000
		SISMOY	Spectra	0.3000
D2	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	1.0000
		SISMOY	Spectra	-0.3000
D3	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	-1.0000
		SISMOY	Spectra	0.3000
D4	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	-1.0000
		SISMOY	Spectra	-0.3000
D5	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	0.3000
		SISMOY	Spectra	1.0000
D6	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	0.3000
		SISMOY	Spectra	-1.0000
D7	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	-0.3000
		SISMOY	Spectra	1.0000
D8	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	-0.3000
		SISMOY	Spectra	-1.0000
DU1	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	1.0000
		UMBRALY	Spectra	0.3000
DU2	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	1.0000
		UMBRALY	Spectra	-0.3000
DU3	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	-1.0000
		UMBRALY	Spectra	0.3000
DU4	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	-1.0000
		UMBRALY	Spectra	-0.3000
DU5	ADD	DEAD	Static	0.9000



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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 21 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

		UMBRALX	Spectra	0.3000
		UMBRALY	Spectra	1.0000
DU6	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	0.3000
		UMBRALY	Spectra	-1.0000
DU7	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	-0.3000
		UMBRALY	Spectra	1.0000
DU8	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	-0.3000
		UMBRALY	Spectra	-1.0000
VNC1	ADD	DEAD	Static	1.3000
		LIVE	Static	1.0000
		SISMOX	Spectra	1.0000
		SISMOY	Spectra	0.3000
VNC2	ADD	DEAD	Static	1.3000
		LIVE	Static	1.0000
		SISMOX	Spectra	1.0000
		SISMOY	Spectra	-0.3000
VNC3	ADD	DEAD	Static	1.1000
		LIVE	Static	1.0000
		SISMOX	Spectra	-1.0000
		SISMOY	Spectra	0.3000
VNC4	ADD	DEAD	Static	1.1000
		LIVE	Static	1.0000
		SISMOX	Spectra	-1.0000
		SISMOY	Spectra	-0.3000
VNC5	ADD	DEAD	Static	1.3000
		LIVE	Static	1.0000
		SISMOX	Spectra	0.3000
		SISMOY	Spectra	1.0000
VNC6	ADD	DEAD	Static	1.3000
		LIVE	Static	1.0000
		SISMOX	Spectra	-0.3000
		SISMOY	Spectra	1.0000
VNC7	ADD	DEAD	Static	1.1000
		LIVE	Static	1.0000
		SISMOX	Spectra	0.3000
		SISMOY	Spectra	-1.0000
VNC8	ADD	DEAD	Static	1.1000
		LIVE	Static	1.0000
		SISMOX	Spectra	-0.3000
		SISMOY	Spectra	-1.0000
VNC9	ADD	DEAD	Static	1.0000
		SISMOX	Spectra	1.0000
		SISMOY	Spectra	0.3000
VNC10	ADD	DEAD	Static	1.0000
		SISMOX	Spectra	1.0000
		SISMOY	Spectra	-0.3000
VNC11	ADD	DEAD	Static	0.8000
		SISMOX	Spectra	-1.0000
		SISMOY	Spectra	0.3000
VNC12	ADD	DEAD	Static	0.8000
		SISMOX	Spectra	-1.0000
		SISMOY	Spectra	-0.3000
VNC13	ADD	DEAD	Static	1.0000
		SISMOX	Spectra	0.3000
		SISMOY	Spectra	1.0000
VNC14	ADD	DEAD	Static	1.0000
		SISMOX	Spectra	-0.3000
		SISMOY	Spectra	1.0000
VNC15	ADD	DEAD	Static	0.8000
		SISMOX	Spectra	0.3000
		SISMOY	Spectra	-1.0000
VNC16	ADD	DEAD	Static	0.8000
		SISMOX	Spectra	-0.3000
		SISMOY	Spectra	-1.0000
VNV1	ADD	DEAD	Static	1.2000
		LIVE	Static	1.0000



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 22 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

VNV2	ADD	SISMOX	Spectra	0.6670
		SISMOY	Spectra	0.2000
		DEAD	Static	1.2000
		LIVE	Static	1.0000
VNV3	ADD	SISMOX	Spectra	0.6670
		SISMOY	Spectra	-0.2000
		DEAD	Static	1.2000
		LIVE	Static	1.0000
VNV4	ADD	SISMOX	Spectra	-0.6670
		SISMOY	Spectra	0.2000
		DEAD	Static	1.2000
		LIVE	Static	1.0000
VNV5	ADD	SISMOX	Spectra	-0.6670
		SISMOY	Spectra	-0.2000
		DEAD	Static	1.2000
		LIVE	Static	1.0000
VNV6	ADD	SISMOX	Spectra	0.2000
		DEAD	Static	0.2000
		LIVE	Static	1.2000
		SISMOX	Spectra	1.0000
VNV7	ADD	SISMOX	Spectra	-0.2000
		SISMOY	Spectra	0.6670
		DEAD	Static	1.2000
		LIVE	Static	1.0000
VNV8	ADD	SISMOX	Spectra	0.2000
		SISMOY	Spectra	-0.6670
		DEAD	Static	1.2000
		LIVE	Static	1.0000
VNV9	ADD	SISMOX	Spectra	-0.2000
		SISMOY	Spectra	-0.6670
		DEAD	Static	0.9000
		SISMOX	Spectra	0.6670
VNV10	ADD	SISMOX	Spectra	0.2000
		DEAD	Static	0.9000
		SISMOX	Spectra	0.6670
		SISMOY	Spectra	-0.2000
VNV11	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	-0.6670
		SISMOY	Spectra	0.2000
		DEAD	Static	0.9000
VNV12	ADD	SISMOX	Spectra	-0.6670
		SISMOY	Spectra	-0.2000
		DEAD	Static	0.9000
		SISMOX	Spectra	-0.6670
VNV13	ADD	SISMOX	Spectra	0.2000
		DEAD	Static	0.9000
		SISMOX	Spectra	0.6670
		SISMOY	Spectra	0.2000
VNV14	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	0.2000
		SISMOY	Spectra	-0.6670
		DEAD	Static	0.9000
VNV15	ADD	SISMOX	Spectra	-0.2000
		SISMOY	Spectra	0.6670
		DEAD	Static	0.9000
		SISMOX	Spectra	-0.2000
VNV16	ADD	SISMOX	Spectra	0.6670
		DEAD	Static	0.9000
		SISMOX	Spectra	-0.2000
		SISMOY	Spectra	-0.6670

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R E S P O N S E S P E C T R U M F U N C T I O N - U S E R

FUNCTION NAME: MICROBOG

PERIOD	ACCEL
0.0000	0.5060
0.0250	0.5060
0.0500	0.5060
0.0750	0.5060
0.1000	0.5060
0.1250	0.5060



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 23 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

0.1500	0.5060
0.1750	0.5060
0.2000	0.5060
0.2250	0.5060
0.2500	0.5060
0.2750	0.5060
0.3000	0.5060
0.3250	0.5060
0.3500	0.5060
0.3750	0.5060
0.4000	0.5060
0.4250	0.5060
0.4500	0.5060
0.4750	0.5060
0.5000	0.5060
0.5250	0.5060
0.5500	0.5060
0.5750	0.5060
0.6500	0.5060
0.6750	0.5060
0.7000	0.5060
0.7250	0.5060
0.7500	0.5060
0.7750	0.5060
0.8000	0.5060
0.8250	0.5060
0.8500	0.5060
0.8750	0.4940
0.9000	0.4800
0.9250	0.4670
0.9500	0.4550
0.9750	0.4430
1.0000	0.4320
1.0250	0.4210
1.0500	0.4110
1.0750	0.4020
1.1000	0.3930
1.1250	0.3840
1.1500	0.3760
1.1750	0.3680
1.2000	0.3600
1.2250	0.3530
1.2500	0.3460
1.2750	0.3390
1.3000	0.3320
1.3250	0.3260
1.3500	0.3200
1.3750	0.3140
1.4000	0.3090
1.4250	0.3030
1.4500	0.2980
1.4750	0.2930
1.5000	0.2880
1.5250	0.2830
1.5500	0.2790
1.5750	0.2740
1.6000	0.2700
1.6250	0.2660
1.6500	0.2620
1.6750	0.2580
1.7000	0.2540
1.7250	0.2500
1.7500	0.2470
1.7750	0.2430
1.8000	0.2400
1.8250	0.2370
1.8500	0.2340
1.8750	0.2300
1.9000	0.2270




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 24 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1.9250	0.2240
1.9500	0.2220
1.9750	0.2190
2.0000	0.2160
2.0250	0.2130
2.0500	0.2110
2.0750	0.2080
2.1000	0.2060
2.1250	0.2030
2.1500	0.2010
2.1750	0.1990
2.2000	0.1960
2.2250	0.1940
2.2500	0.1920
2.2750	0.1900
2.3000	0.1880
2.3250	0.1860
2.3500	0.1840
2.3750	0.1820
2.4000	0.1800
2.4250	0.1780
2.4500	0.1760
2.4750	0.1750
2.5000	0.1730
2.5250	0.1710
2.5500	0.1690
2.5750	0.1680
2.6000	0.1660
2.6250	0.1650
2.6500	0.1630
2.6750	0.1610
2.7000	0.1600
2.7250	0.1590
2.7500	0.1570
2.7750	0.1560
2.8000	0.1540
2.8250	0.1530
2.8500	0.1520
2.8750	0.1500
2.9000	0.1490
2.9250	0.1480
2.9500	0.1460
2.9750	0.1450
3.0000	0.1440
3.0250	0.1430
3.0500	0.1420
3.0750	0.1400
3.1000	0.1390
3.1250	0.1380
3.1500	0.1370
3.1750	0.1360
3.2000	0.1350
3.2250	0.1340
3.2500	0.1330
3.2750	0.1320
3.3000	0.1310
3.3250	0.1300
3.3500	0.1290
3.3750	0.1280
3.4000	0.1270
3.4250	0.1260
3.4500	0.1250
3.4750	0.1240
3.5000	0.1230
3.5250	0.1220
3.5500	0.1200
3.5750	0.1180
3.6000	0.1170
3.6250	0.1150



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 25 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3.6500	0.1130
3.6750	0.1120
3.7000	0.1100
3.7250	0.1090
3.7500	0.1080
3.7750	0.1060
3.8000	0.1050
3.8250	0.1030
3.8500	0.1020
3.8750	0.1010
3.9000	0.0990
3.9250	0.0980
3.9500	0.0970
3.9750	0.0960
4.0000	0.0950
4.0250	0.0930
4.0500	0.0920
4.0750	0.0910
4.1000	0.0900
4.1250	0.0890
4.1500	0.0880
4.1750	0.0870
4.2000	0.0860
4.2250	0.0850
4.2500	0.0840
4.2750	0.0830
4.3000	0.0820
4.3250	0.0810
4.3500	0.0800
4.3750	0.0790
4.4000	0.0780
4.4250	0.0770
4.4500	0.0760
4.4750	0.0760
4.5000	0.0750
4.5250	0.0740
4.5500	0.0730
4.5750	0.0720
4.6000	0.0710
4.6250	0.0710
4.6500	0.0700
4.6750	0.0690
4.7000	0.0680
4.7250	0.0680
4.7500	0.0670
4.7750	0.0660
4.8000	0.0660
4.8250	0.0650
4.8500	0.0640
4.8750	0.0640
4.9000	0.0630
4.9250	0.0620
4.9500	0.0620
4.9750	0.0610
5.0000	0.0600
5.0250	0.0600
5.0500	0.0590
5.0750	0.0590
5.1000	0.0580
5.1250	0.0580
5.1500	0.0570
5.1750	0.0560
5.2000	0.0560
5.2250	0.0550
5.2500	0.0550
5.2750	0.0540
5.3000	0.0540
5.3250	0.0530
5.3500	0.0530

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 26 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

5.3750	0.0520
5.4000	0.0520
5.4250	0.0510
5.4500	0.0510
5.4750	0.0500
5.5000	0.0500

FUNCTION NAME: UMBRAL

PERIOD	ACCEL
0.0000	0.2700
0.0250	0.2700
0.0500	0.2700
0.0750	0.2700
0.1000	0.2700
0.1250	0.2700
0.1500	0.2700
0.1750	0.2700
0.2000	0.2700
0.2250	0.2700
0.2500	0.2700
0.2750	0.2700
0.3000	0.2700
0.3250	0.2700
0.3500	0.2700
0.3750	0.2700
0.4000	0.2700
0.4250	0.2700
0.4500	0.2700
0.4750	0.2700
0.5000	0.2700
0.5250	0.2700
0.5500	0.2700
0.5750	0.2700
0.6000	0.2700
0.6250	0.2700
0.6500	0.2700
0.6750	0.2700
0.7000	0.2700
0.7250	0.2700
0.7500	0.2700
0.7750	0.2700
0.8000	0.2700
0.8250	0.2700
0.8500	0.2650
0.8750	0.2570
0.9000	0.2500
0.9250	0.2430
0.9500	0.2370
0.9750	0.2310
1.0000	0.2250
1.0250	0.2200
1.0500	0.2140
1.0750	0.2090
1.1000	0.2050
1.1250	0.2000
1.1500	0.1960
1.1750	0.1910
1.2000	0.1880
1.2250	0.1840
1.2500	0.1800
1.2750	0.1760
1.3000	0.1730
1.3250	0.1700
1.3500	0.1670
1.3750	0.1640
1.4000	0.1610



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 27 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1.4250	0.1580
1.4500	0.1550
1.4750	0.1530
1.5000	0.1500
1.5250	0.1480
1.5500	0.1450
1.5750	0.1430
1.6000	0.1410
1.6250	0.1380
1.6500	0.1360
1.6750	0.1340
1.7000	0.1320
1.7250	0.1300
1.7500	0.1290
1.7750	0.1270
1.8000	0.1250
1.8250	0.1230
1.8500	0.1220
1.8750	0.1200
1.9000	0.1180
1.9250	0.1170
1.9500	0.1150
1.9750	0.1140
2.0000	0.1130
2.0250	0.1110
2.0500	0.1100
2.0750	0.1080
2.1000	0.1070
2.1250	0.1060
2.1500	0.1050
2.1750	0.1030
2.2000	0.1020
2.2250	0.1010
2.2500	0.1000
2.2750	0.0990
2.3000	0.0980
2.3250	0.0970
2.3500	0.0960
2.3750	0.0950
2.4000	0.0940
2.4250	0.0930
2.4500	0.0920
2.4750	0.0910
2.5000	0.0900
2.5250	0.0890
2.5500	0.0880
2.5750	0.0870
2.6000	0.0870
2.6250	0.0860
2.6500	0.0850
2.6750	0.0840
2.7000	0.0830
2.7250	0.0830
2.7500	0.0820
2.7750	0.0810
2.8000	0.0800
2.8250	0.0800
2.8500	0.0790
2.8750	0.0780
2.9000	0.0780
2.9250	0.0770
2.9500	0.0760
2.9750	0.0760
3.0000	0.0750
3.0250	0.0740
3.0500	0.0740
3.0750	0.0730
3.1000	0.0730
3.1250	0.0720



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 28 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


3.1500	0.0710
3.1750	0.0710
3.2000	0.0700
3.2250	0.0700
3.2500	0.0690
3.2750	0.0690
3.3000	0.0680
3.3250	0.0680
3.3500	0.0670
3.3750	0.0670
3.4000	0.0660
3.4250	0.0660
3.4500	0.0650
3.4750	0.0650
3.5000	0.0640
3.5250	0.0630
3.5500	0.0620
3.5750	0.0620
3.6000	0.0610
3.6250	0.0600
3.6500	0.0590
3.6750	0.0580
3.7000	0.0580
3.7250	0.0570
3.7500	0.0560
3.7750	0.0550
3.8000	0.0550
3.8250	0.0540
3.8500	0.0530
3.8750	0.0520
3.9000	0.0520
3.9250	0.0510
3.9500	0.0500
3.9750	0.0500
4.0000	0.0490
4.0250	0.0490
4.0500	0.0480
4.0750	0.0470
4.1000	0.0470
4.1250	0.0460
4.1500	0.0460
4.1750	0.0450
4.2000	0.0450
4.2250	0.0440
4.2500	0.0440
4.2750	0.0430
4.3000	0.0430
4.3250	0.0420
4.3500	0.0420
4.3750	0.0410
4.4000	0.0410
4.4250	0.0400
4.4500	0.0400
4.4750	0.0390
4.5000	0.0390
4.5250	0.0380
4.5500	0.0380
4.5750	0.0380
4.6000	0.0370
4.6250	0.0370
4.6500	0.0360
4.6750	0.0360
4.7000	0.0360
4.7250	0.0350
4.7500	0.0350
4.7750	0.0350
4.8000	0.0340
4.8250	0.0340
4.8500	0.0330




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 29 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

4.8750	0.0330
4.9000	0.0330
4.9250	0.0320
4.9500	0.0320
4.9750	0.0320
5.0000	0.0320
5.0250	0.0310
5.0500	0.0310
5.0750	0.0310
5.1000	0.0300
5.1250	0.0300
5.1500	0.0300
5.1750	0.0290
5.2000	0.0290
5.2250	0.0290
5.2500	0.0290
5.2750	0.0280
5.3000	0.0280
5.3250	0.0280
5.3500	0.0280
5.3750	0.0270
5.4000	0.0270
5.4250	0.0270
5.4500	0.0270
5.4750	0.0260
5.5000	0.0260



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 30 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

## **ANEXO 4. ANALISIS ESTRUCTURAL**

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 31 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

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PROJECT INFORMATION

Company Name = Solarte y Cia Ingenieros Calculistas

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S T O R Y D A T A

STORY	SIMILAR TO	HEIGHT	ELEVATION
CB3(N+20.57	None	5.970	28.230
CB2(N+14.60	CB1(N+11.30	3.300	22.260
CB1(N+11.30	None	4.110	18.960
3ER(N+7.20)	CB1(N+11.30	3.420	14.850
2DO(N+3.78)	CB1(N+11.30	3.420	11.430
1ER (N+0.36	CB1(N+11.30	0.850	8.010
1ER(N-0.49)	CB1(N+11.30	3.600	7.160
SOT1(N-4.09	CB1(N+11.30	3.560	3.560
BASE	None		0.000

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S T A T I C L O A D C A S E S

STATIC CASE	CASE TYPE	AUTO LAT LOAD	SELF WT MULTIPLIER	NOTIONAL FACTOR	NOTIONAL DIRECTION
DEAD	DEAD	N/A	1.0000		
LIVE	LIVE	N/A	0.0000		
FHE	QUAKE	USER_COEFF	0.0000		
FHEUMBRAL	QUAKE	USER_COEFF	0.0000		
VIENTO	WIND	None	0.0000		

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R E S P O N S E S P E C T R U M C A S E S

RESP SPEC CASE: SISMOX

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0500	0.0000	0.0500

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA


DIRECTION	FUNCTION	SCALE FACT
U1	MICROBOG	14.3100
U2	----	N/A
UZ	----	N/A

RESP SPEC CASE: SISMOY

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0500	0.0000	0.0500

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 32 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

DIRECTION	FUNCTION	SCALE FACT
U1	----	N/A
U2	MICROBOG	13.7300
UZ	----	N/A

RESP SPEC CASE: UMBRALX

#### BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0200	0.0000	0.0500

#### RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	UMBRAL	11.7600
U2	----	N/A
UZ	----	N/A

RESP SPEC CASE: UMBRALY

#### BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0200	0.0000	0.0500

#### RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	----	N/A
U2	UMBRAL	11.7800
UZ	----	N/A

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AUTO SEISMIC USER COEFFICIENT  
Case: FHE

#### AUTO SEISMIC INPUT DATA


Direction: X  
Typical Eccentricity = 5%  
Eccentricity Overrides: No

Top Story: CB3(N+20.57)  
Bottom Story: 1ER(N-0.49)

C = 0.506  
K = 1

#### AUTO SEISMIC CALCULATION FORMULAS

V = C W

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 33 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

#### AUTO SEISMIC CALCULATION RESULTS

W Used = 5743.13

V Used = 0.5060W = 2906.02

#### AUTO SEISMIC STORY FORCES

STORY	FX	FY	FZ	MX	MY	MZ
CB3(N+20.57	803.95	0.00	0.00	0.000	-858.708	232.928
CB2(N+14.60	461.33	0.00	0.00	0.000	-2.724	2422.277
CB1(N+11.30	848.03	0.00	0.00	0.000	-174.606	-681.030
3ER(N+7.20)	478.87	0.00	0.00	0.000	0.000	2.809
2DO(N+3.78)	255.45	0.00	0.00	0.000	0.000	5.947
1ER (N+0.36	58.40	0.00	0.00	0.000	0.000	-3.300
1ER(N-0.49)	0.00	0.00	0.00	0.000	0.000	0.000
SOT1(N-4.09	0.00	0.00	0.00	0.000	0.000	0.000

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#### AUTO SEISMIC USER COEFFICIENT

Case: FHEUMBRAL

#### AUTO SEISMIC INPUT DATA

Direction: X  
Typical Eccentricity = 5%  
Eccentricity Overrides: No

Top Story: CB3(N+20.57)  
Bottom Story: 1ER (N+0.36)

C = 0.27  
K = 1

#### AUTO SEISMIC CALCULATION FORMULAS

V = C W

#### AUTO SEISMIC CALCULATION RESULTS

W Used = 4552.46


V Used = 0.2700W = 1229.16

#### AUTO SEISMIC STORY FORCES

STORY	FX	FY	FZ	MX	MY	MZ
CB3(N+20.57	361.35	0.00	0.00	0.000	-385.966	104.695
CB2(N+14.60	203.91	0.00	0.00	0.000	-1.204	1070.652
CB1(N+11.30	368.58	0.00	0.00	0.000	-75.889	-295.995
3ER(N+7.20)	199.50	0.00	0.00	0.000	0.000	1.170
2DO(N+3.78)	95.83	0.00	0.00	0.000	0.000	2.231
1ER (N+0.36	0.00	0.00	0.00	0.000	0.000	0.000
1ER(N-0.49)	0.00	0.00	0.00	0.000	0.000	0.000
SOT1(N-4.09	0.00	0.00	0.00	0.000	0.000	0.000

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#### MASS SOURCE DATA

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 34 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

MASS            LATERAL       LUMP MASS  
FROM           MASS ONLY    AT STORIES

Loads           Yes            Yes

M A S S   S O U R C E   L O A D S

LOAD            MULTIPLIER

DEAD            1.0000  
LIVE             0.1000

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D I A P H R A G M   M A S S   D A T A

STORY	DIAPHRAGM	MASS-X	MASS-Y	MMI	X-M	Y-M
CB3(N+20.57)	CUB3	3.545E+01	3.545E+01	3.364E+03	11.800	14.481
CB2(N+14.60)	CUB2	4.138E+01	4.138E+01	6.255E+03	11.700	31.216
CB1(N+11.30)	CUB1	7.908E+01	7.908E+01	1.734E+04	13.314	37.526
CB1(N+11.30)	CUB1A	3.322E+01	3.322E+01	2.672E+03	11.792	4.329
3ER(N+7.20)	3ER	7.482E+01	7.482E+01	1.457E+04	13.389	35.388
3ER(N+7.20)	3ERA	3.471E+01	3.471E+01	3.163E+03	11.886	3.998
2DO(N+3.78)	2DO	7.805E+01	7.805E+01	1.559E+04	13.171	37.523
2DO(N+3.78)	2DOA	2.716E+01	2.716E+01	2.880E+03	11.937	4.235
1ER (N+0.36)	1ERTOP	9.782E+01	9.782E+01	1.629E+04	13.033	37.916
1ER (N+0.36)	1ERTOP1	2.125E+01	2.125E+01	2.110E+03	11.922	3.560
1ER(N-0.49)	1ER	7.387E+01	7.387E+01	9.118E+03	11.662	10.054
SOT1(N-4.09)	SOT1	3.243E+01	3.243E+01	2.631E+03	15.354	7.210

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A S S E M B L E D   P O I N T   M A S S E S

STORY	UX	UY	UZ	RX	RY	RZ
CB3(N+20.57)	6.743E+01	6.743E+01	0.000E+00	0.000E+00	0.000E+00	3.364E+03
CB2(N+14.60)	5.399E+01	5.399E+01	0.000E+00	0.000E+00	0.000E+00	6.255E+03
CB1(N+11.30)	1.270E+02	1.270E+02	0.000E+00	0.000E+00	0.000E+00	2.002E+04
3ER(N+7.20)	1.101E+02	1.101E+02	0.000E+00	0.000E+00	0.000E+00	1.774E+04
2DO(N+3.78)	1.057E+02	1.057E+02	0.000E+00	0.000E+00	0.000E+00	1.847E+04
1ER (N+0.36)	1.214E+02	1.214E+02	0.000E+00	0.000E+00	0.000E+00	1.840E+04
1ER(N-0.49)	9.096E+01	9.096E+01	0.000E+00	0.000E+00	0.000E+00	9.118E+03
SOT1(N-4.09)	5.605E+01	5.605E+01	0.000E+00	0.000E+00	0.000E+00	2.631E+03
BASE	1.466E+01	1.466E+01	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Totals	7.473E+02	7.473E+02	0.000E+00	0.000E+00	0.000E+00	9.599E+04

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C E N T E R S   O F   C U M U L A T I V E   M A S S   &   C E N T E R S   O F   R I G I D I T Y

STORY LEVEL	DIAPHRAGM NAME	/-----CENTER OF MASS-----//		--CENTER OF RIGIDITY--//	
		MASS	ORDINATE-X	ORDINATE-Y	ORDINATE-X
CB3(N+20.57)	CUB3	3.545E+01	11.800	14.481	11.629
CB2(N+14.60)	CUB2	4.138E+01	11.700	31.216	11.434
CB1(N+11.30)	CUB1	7.908E+01	13.314	37.526	11.356
CB1(N+11.30)	CUB1A	3.322E+01	11.792	4.329	11.486
3ER(N+7.20)	3ER	7.482E+01	13.389	35.388	11.162
3ER(N+7.20)	3ERA	3.471E+01	11.886	3.998	11.412
2DO(N+3.78)	2DO	7.805E+01	13.171	37.523	10.794
2DO(N+3.78)	2DOA	2.716E+01	11.937	4.235	11.196
1ER (N+0.36)	1ERTOP	9.782E+01	13.033	37.916	9.912
1ER (N+0.36)	1ERTOP1	2.125E+01	11.922	3.560	10.242
1ER(N-0.49)	1ER	7.387E+01	11.662	10.054	8.447
SOT1(N-4.09)	SOT1	3.243E+01	15.354	7.210	14.727

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 35 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

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M O D A L P E R I O D S A N D F R E Q U E N C I E S

MODE NUMBER	PERIOD (TIME)	FREQUENCY (CYCLES/TIME)	CIRCULAR FREQ (RADIANS/TIME)
Mode 1	0.44712	2.23652	14.05245
Mode 2	0.34660	2.88515	18.12793
Mode 3	0.32385	3.08785	19.40153
Mode 4	0.24953	4.00750	25.17985
Mode 5	0.19269	5.18962	32.60731
Mode 6	0.14295	6.99530	43.95277
Mode 7	0.13364	7.48296	47.01680
Mode 8	0.12921	7.73937	48.62786
Mode 9	0.12048	8.30025	52.15203
Mode 10	0.08095	12.35368	77.62047
Mode 11	0.07877	12.69520	79.76632
Mode 12	0.07648	13.07587	82.15814
Mode 13	0.07246	13.80023	86.70938
Mode 14	0.07166	13.95489	87.68114
Mode 15	0.07119	14.04775	88.26463
Mode 16	0.06802	14.70095	92.36879
Mode 17	0.06371	15.69734	98.62931
Mode 18	0.06137	16.29515	102.38546
Mode 19	0.05767	17.33895	108.94384
Mode 20	0.05456	18.32737	115.15425
Mode 21	0.04828	20.71412	130.15063
Mode 22	0.04759	21.01178	132.02094
Mode 23	0.04496	22.24291	139.75633
Mode 24	0.04320	23.14659	145.43433
Mode 25	0.04118	24.28503	152.58737
Mode 26	0.03927	25.46352	159.99202
Mode 27	0.03800	26.31445	165.33855
Mode 28	0.03793	26.36623	165.66392
Mode 29	0.03773	26.50082	166.50953
Mode 30	0.03582	27.91694	175.40734
Mode 31	0.03534	28.30051	177.81732
Mode 32	0.03365	29.71770	186.72181
Mode 33	0.03234	30.91690	194.25661
Mode 34	0.03086	32.39931	203.57088
Mode 35	0.02984	33.51268	210.56641
Mode 36	0.02936	34.05610	213.98081
Mode 37	0.02920	34.24133	215.14463
Mode 38	0.02851	35.07686	220.39440
Mode 39	0.02732	36.60334	229.98555
Mode 40	0.02709	36.91935	231.97111

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M O D A L P A R T I C I P A T I N G M A S S R A T I O S

MODE NUMBER	X-TRANS %MASS <SUM>	Y-TRANS %MASS <SUM>	Z-TRANS %MASS <SUM>	RX-ROTN %MASS <SUM>	RY-ROTN %MASS <SUM>	RZ-ROTN %MASS <SUM>
Mode 1	46.80 < 47>	0.00 < 0>	0.00 < 0>	0.00 < 0>	80.73 < 81>	4.51 < 5>
Mode 2	9.78 < 57>	9.22 < 9>	0.00 < 0>	14.61 < 15>	9.85 < 91>	43.72 < 48>
Mode 3	1.78 < 58>	42.66 < 52>	0.00 < 0>	74.12 < 89>	1.85 < 92>	8.03 < 56>
Mode 4	0.05 < 58>	0.07 < 52>	0.00 < 0>	0.01 < 89>	0.01 < 92>	0.00 < 56>
Mode 5	2.72 < 61>	0.00 < 52>	0.00 < 0>	0.00 < 89>	0.24 < 93>	0.24 < 56>
Mode 6	0.54 < 62>	14.70 < 67>	0.00 < 0>	5.51 < 94>	0.27 < 93>	0.93 < 57>
Mode 7	3.74 < 65>	1.85 < 69>	0.00 < 0>	0.82 < 95>	1.47 < 94>	6.40 < 64>
Mode 8	0.02 < 65>	0.16 < 69>	0.00 < 0>	0.06 < 95>	0.01 < 94>	0.02 < 64>
Mode 9	5.03 < 70>	0.01 < 69>	0.00 < 0>	0.02 < 95>	0.99 < 95>	3.39 < 67>
Mode 10	0.26 < 71>	0.10 < 69>	0.00 < 0>	0.05 < 95>	0.06 < 95>	0.01 < 67>
Mode 11	2.28 < 73>	0.29 < 69>	0.00 < 0>	0.09 < 95>	0.45 < 96>	0.15 < 67>
Mode 12	7.55 < 81>	0.15 < 69>	0.00 < 0>	0.01 < 95>	1.36 < 97>	2.66 < 70>
Mode 13	0.02 < 81>	0.02 < 69>	0.00 < 0>	0.02 < 95>	0.00 < 97>	0.04 < 70>

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 36 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

Mode 14	0.12 < 81>	1.03 < 70>	0.00 < 0>	0.15 < 95>	0.07 < 97>	7.85 < 78>
Mode 15	0.00 < 81>	0.01 < 70>	0.00 < 0>	0.00 < 95>	0.00 < 97>	0.03 < 78>
Mode 16	0.18 < 81>	1.84 < 72>	0.00 < 0>	0.25 < 96>	0.03 < 97>	0.10 < 78>
Mode 17	0.82 < 82>	11.93 < 84>	0.00 < 0>	2.27 < 98>	0.14 < 98>	0.08 < 78>
Mode 18	0.40 < 82>	0.46 < 85>	0.00 < 0>	0.08 < 98>	0.09 < 98>	0.99 < 79>
Mode 19	0.00 < 82>	0.00 < 85>	0.00 < 0>	0.00 < 98>	0.00 < 98>	0.00 < 79>
Mode 20	4.01 < 86>	0.40 < 85>	0.00 < 0>	0.09 < 98>	0.72 < 98>	5.06 < 84>
Mode 21	0.01 < 86>	0.37 < 85>	0.00 < 0>	0.08 < 98>	0.00 < 98>	0.01 < 84>
Mode 22	0.02 < 86>	0.63 < 86>	0.00 < 0>	0.10 < 98>	0.00 < 98>	0.03 < 84>
Mode 23	0.02 < 86>	1.15 < 87>	0.00 < 0>	0.14 < 98>	0.00 < 98>	0.01 < 84>
Mode 24	1.57 < 88>	0.15 < 87>	0.00 < 0>	0.02 < 99>	0.22 < 99>	0.01 < 84>
Mode 25	0.12 < 88>	0.03 < 87>	0.00 < 0>	0.00 < 99>	0.01 < 99>	0.45 < 85>
Mode 26	3.24 < 91>	0.27 < 88>	0.00 < 0>	0.04 < 99>	0.50 < 99>	0.69 < 85>
Mode 27	1.23 < 92>	1.42 < 89>	0.00 < 0>	0.16 < 99>	0.18 < 99>	2.03 < 87>
Mode 28	0.11 < 92>	0.12 < 89>	0.00 < 0>	0.01 < 99>	0.02 < 99>	0.37 < 88>
Mode 29	1.43 < 94>	1.23 < 90>	0.00 < 0>	0.24 < 99>	0.21 < 99>	1.44 < 89>
Mode 30	0.16 < 94>	0.15 < 90>	0.00 < 0>	0.03 < 99>	0.03 < 100>	0.20 < 89>
Mode 31	1.12 < 95>	3.35 < 94>	0.00 < 0>	0.53 < 100>	0.15 < 100>	4.49 < 94>
Mode 32	0.02 < 95>	0.01 < 94>	0.00 < 0>	0.00 < 100>	0.02 < 100>	0.13 < 94>
Mode 33	0.00 < 95>	0.00 < 94>	0.00 < 0>	0.00 < 100>	0.00 < 100>	0.02 < 94>
Mode 34	0.02 < 95>	0.35 < 94>	0.00 < 0>	0.06 < 100>	0.00 < 100>	0.00 < 94>
Mode 35	0.01 < 95>	0.01 < 94>	0.00 < 0>	0.00 < 100>	0.00 < 100>	0.21 < 94>
Mode 36	0.01 < 95>	0.01 < 94>	0.00 < 0>	0.00 < 100>	0.00 < 100>	0.58 < 95>
Mode 37	0.01 < 95>	0.07 < 94>	0.00 < 0>	0.01 < 100>	0.00 < 100>	0.06 < 95>
Mode 38	0.56 < 96>	0.04 < 94>	0.00 < 0>	0.01 < 100>	0.07 < 100>	0.76 < 96>
Mode 39	0.45 < 96>	0.09 < 94>	0.00 < 0>	0.01 < 100>	0.05 < 100>	0.04 < 96>
Mode 40	0.16 < 96>	0.02 < 94>	0.00 < 0>	0.00 < 100>	0.02 < 100>	0.12 < 96>

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MODAL LOAD PARTICIPATION RATIOS  
(STATIC AND DYNAMIC RATIOS ARE IN PERCENT)

TYPE	NAME	STATIC	DYNAMIC
Load	DEAD	0.5880	11.9875
Load	LIVE	0.9518	12.6764
Load	FHE	99.9997	99.8534
Load	FHEUMBRAL	99.9996	99.8302
Load	VIENTO	0.0000	0.0000
Accel	UX	99.9875	96.3521
Accel	UY	99.9635	94.3832
Accel	UZ	0.0000	0.0000
Accel	RX	99.9982	99.6122
Accel	RY	99.9995	99.8112
Accel	RZ	97.2333	95.8623

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TOTAL REACTIVE FORCES (RECOVERED LOADS) AT ORIGIN

LOAD	FX	FY	FZ	MX	MY	MZ
DEAD	-1.074E-10	-2.017E-11	7.204E+03	1.720E+05	-9.010E+04	1.833E-09
LIVE	-4.673E-11	-3.658E-12	1.941E+03	4.939E+04	-2.452E+04	1.110E-09
FHE	-2.906E+03	-3.841E-09	3.202E-10	9.152E-08	-5.851E+04	6.899E+04
FHEUMBRAL	-1.229E+03	-2.922E-09	-1.028E-10	6.228E-08	-2.532E+04	2.877E+04
VIENTO	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SISMOX	2.720E+03	4.354E+02	1.646E-09	7.680E+03	5.178E+04	7.058E+04
SISMOY	4.177E+02	2.729E+03	1.945E-09	5.095E+04	5.904E+03	4.202E+04
UMBRALX	1.143E+03	2.834E+02	7.185E-10	5.136E+03	2.219E+04	2.930E+04
UMBRALY	2.839E+02	1.151E+03	9.069E-10	2.167E+04	4.102E+03	1.902E+04

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STORY FORCES

STORY	LOAD	P	VX	VY	T	MX	MY
-------	------	---	----	----	---	----	----

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 37 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB3(N+20.57 FHE	1.509E-08	-8.054E+02	8.799E-03	1.143E+04	-4.118E-02	-3.948E+03
CB2(N+14.60 FHE	1.754E-08	-1.268E+03	1.774E-02	2.343E+04	-9.967E-02	-8.129E+03
CB1(N+11.30 FHE	1.816E-08	-2.118E+03	3.817E-02	4.766E+04	-2.518E-01	-1.666E+04
3ER(N+7.20) FHE	1.676E-08	-2.598E+03	6.085E-02	5.988E+04	-4.599E-01	-2.554E+04
2DO(N+3.78) FHE	1.615E-08	-2.855E+03	8.652E-02	6.729E+04	-7.558E-01	-3.531E+04
1ER (N+0.36 FHE	1.676E-08	-2.914E+03	1.162E-01	6.917E+04	-8.546E-01	-3.778E+04
1ER(N-0.49) FHE	1.643E-08	-2.914E+03	1.309E-01	6.917E+04	-1.326E+00	-4.827E+04
SOT1(N-4.09 FHE	7.103E+02	-1.184E+03	2.724E+02	5.611E+03	1.256E+02	-1.750E+04
CB3(N+20.57 FHEUMBRAL	6.662E-09	-3.620E+02	3.696E-03	5.137E+03	-1.725E-02	-1.774E+03
CB2(N+14.60 FHEUMBRAL	7.761E-09	-5.663E+02	7.494E-03	1.044E+04	-4.196E-02	-3.642E+03
CB1(N+11.30 FHEUMBRAL	8.097E-09	-9.358E+02	1.579E-02	2.097E+04	-1.049E-01	-7.412E+03
3ER(N+7.20) FHEUMBRAL	7.400E-09	-1.136E+03	2.510E-02	2.606E+04	-1.907E-01	-1.130E+04
2DO(N+3.78) FHEUMBRAL	7.131E-09	-1.232E+03	3.580E-02	2.884E+04	-3.131E-01	-1.551E+04
1ER (N+0.36 FHEUMBRAL	7.406E-09	-1.232E+03	4.829E-02	2.885E+04	-3.542E-01	-1.656E+04
1ER(N-0.49) FHEUMBRAL	7.267E-09	-1.233E+03	5.449E-02	2.885E+04	-5.504E-01	-2.100E+04
SOT1(N-4.09 FHEUMBRAL	3.111E+02	-5.126E+02	1.169E+02	2.400E+03	8.573E+01	-7.636E+03
CB3(N+20.57 VIENTO	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB2(N+14.60 VIENTO	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB1(N+11.30 VIENTO	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3ER(N+7.20) VIENTO	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2DO(N+3.78) VIENTO	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER (N+0.36 VIENTO	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1ER(N-0.49) VIENTO	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOT1(N-4.09 VIENTO	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CB3(N+20.57 SISMOX	1.629E-08	8.008E+02	1.226E+02	1.167E+04	6.153E+02	3.973E+03
CB2(N+14.60 SISMOX	1.760E-08	1.163E+03	1.734E+02	2.149E+04	1.157E+03	7.722E+03
CB1(N+11.30 SISMOX	1.814E-08	1.870E+03	2.807E+02	4.332E+04	2.218E+03	1.508E+04
3ER(N+7.20) SISMOX	1.701E-08	2.269E+03	3.364E+02	5.438E+04	3.309E+03	2.267E+04
2DO(N+3.78) SISMOX	1.610E-08	2.496E+03	3.762E+02	6.264E+04	4.515E+03	3.099E+04
1ER (N+0.36 SISMOX	1.696E-08	2.623E+03	4.081E+02	6.871E+04	4.830E+03	3.314E+04
1ER(N-0.49) SISMOX	1.667E-08	2.712E+03	4.341E+02	7.059E+04	6.237E+03	4.248E+04
SOT1(N-4.09 SISMOX	7.575E+02	1.266E+03	2.669E+02	6.011E+03	2.218E+03	1.858E+04
CB3(N+20.57 SISMOY	4.052E-08	6.002E+01	8.489E+02	1.040E+04	4.246E+03	3.069E+02
CB2(N+14.60 SISMOY	3.800E-08	6.067E+01	1.181E+03	1.471E+04	8.035E+03	3.372E+02
CB1(N+11.30 SISMOY	3.796E-08	2.069E+02	1.840E+03	2.578E+04	1.507E+04	8.456E+02
3ER(N+7.20) SISMOY	3.821E-08	2.782E+02	2.231E+03	3.279E+04	2.233E+04	1.716E+03
2DO(N+3.78) SISMOY	3.636E-08	3.417E+02	2.477E+03	3.772E+04	3.038E+04	2.815E+03
1ER (N+0.36 SISMOY	3.839E-08	3.872E+02	2.624E+03	4.075E+04	3.248E+04	3.120E+03
1ER(N-0.49) SISMOY	3.824E-08	4.120E+02	2.725E+03	4.200E+04	4.168E+04	4.493E+03
SOT1(N-4.09 SISMOY	1.337E+02	2.589E+02	3.291E+02	7.691E+03	3.148E+03	2.736E+03
CB3(N+20.57 UMBRALX	7.865E-09	3.508E+02	8.222E+01	5.090E+03	4.123E+02	1.739E+03
CB2(N+14.60 UMBRALX	8.238E-09	5.060E+02	1.162E+02	9.232E+03	7.768E+02	3.377E+03
CB1(N+11.30 UMBRALX	8.447E-09	8.031E+02	1.851E+02	1.818E+04	1.483E+03	6.551E+03
3ER(N+7.20) UMBRALX	8.021E-09	9.714E+02	2.263E+02	2.271E+04	2.213E+03	9.815E+03
2DO(N+3.78) UMBRALX	7.588E-09	1.063E+03	2.518E+02	2.608E+04	3.031E+03	1.337E+04
1ER (N+0.36 UMBRALX	8.005E-09	1.111E+03	2.675E+02	2.857E+04	3.243E+03	1.429E+04
1ER(N-0.49) UMBRALX	7.890E-09	1.142E+03	2.825E+02	2.931E+04	4.183E+03	1.826E+04
SOT1(N-4.09 UMBRALX	3.354E+02	5.548E+02	1.162E+02	2.631E+03	1.056E+03	8.207E+03
CB3(N+20.57 UMBRALY	1.670E-08	4.193E+01	3.670E+02	4.347E+03	1.836E+03	2.139E+02
CB2(N+14.60 UMBRALY	1.566E-08	3.985E+01	5.080E+02	5.979E+03	3.468E+03	2.401E+02
CB1(N+11.30 UMBRALY	1.562E-08	1.419E+02	7.840E+02	1.124E+04	6.466E+03	5.810E+02
3ER(N+7.20) UMBRALY	1.578E-08	1.943E+02	9.491E+02	1.469E+04	9.548E+03	1.188E+03
2DO(N+3.78) UMBRALY	1.507E-08	2.379E+02	1.052E+03	1.716E+04	1.297E+04	1.966E+03
1ER (N+0.36 UMBRALY	1.585E-08	2.651E+02	1.111E+03	1.857E+04	1.386E+04	2.181E+03
1ER(N-0.49) UMBRALY	1.580E-08	2.802E+02	1.149E+03	1.902E+04	1.775E+04	3.133E+03
SOT1(N-4.09 UMBRALY	7.761E+01	1.270E+02	1.311E+02	3.087E+03	1.268E+03	1.625E+03

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#### STORY DRIFTS

STORY	DIRECTION	LOAD	MAX DRIFT
CB3(N+20.57 X	FHE		1/286
CB2(N+14.60 X	FHE		1/282
CB1(N+11.30 X	FHE		1/256
3ER(N+7.20) X	FHE		1/260
2DO(N+3.78) X	FHE		1/373



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 38 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36 X	FHE	1/612
1ER(N-0.49) X	FHE	1/942
1ER(N-0.49) Y	FHE	1/1286
SOT1(N-4.09 X	FHE	1/5242
CB3(N+20.57 X	FHEUMBRAL	1/645
CB2(N+14.60 X	FHEUMBRAL	1/631
CB1(N+11.30 X	FHEUMBRAL	1/580
3ER(N+7.20) X	FHEUMBRAL	1/593
2DO(N+3.78) X	FHEUMBRAL	1/856
1ER (N+0.36 X	FHEUMBRAL	1/1433
1ER(N-0.49) X	FHEUMBRAL	1/2209
1ER(N-0.49) Y	FHEUMBRAL	1/2982
SOT1(N-4.09 X	FHEUMBRAL	1/12096
CB3(N+20.57 X	SISMOX	1/289
CB2(N+14.60 X	SISMOX	1/269
CB1(N+11.30 X	SISMOX	1/229
3ER(N+7.20) X	SISMOX	1/232
2DO(N+3.78) X	SISMOX	1/335
1ER (N+0.36 X	SISMOX	1/641
1ER(N-0.49) X	SISMOX	1/627
SOT1(N-4.09 X	SISMOX	1/4789
CB3(N+20.57 Y	SISMOY	1/391
CB2(N+14.60 Y	SISMOY	1/362
CB1(N+11.30 Y	SISMOY	1/635
3ER(N+7.20) Y	SISMOY	1/689
2DO(N+3.78) Y	SISMOY	1/882
1ER (N+0.36 Y	SISMOY	1/872
1ER(N-0.49) Y	SISMOY	1/490
SOT1(N-4.09 Y	SISMOY	1/14358
CB3(N+20.57 X	UMBRALX	1/660
CB2(N+14.60 X	UMBRALX	1/605
CB1(N+11.30 X	UMBRALX	1/514
3ER(N+7.20) X	UMBRALX	1/520
2DO(N+3.78) X	UMBRALX	1/752
1ER (N+0.36 X	UMBRALX	1/1572
1ER(N-0.49) X	UMBRALX	1/1418
SOT1(N-4.09 X	UMBRALX	1/10852
CB3(N+20.57 Y	UMBRALY	1/834
CB2(N+14.60 Y	UMBRALY	1/835
CB1(N+11.30 Y	UMBRALY	1/1339
3ER(N+7.20) Y	UMBRALY	1/1477
2DO(N+3.78) Y	UMBRALY	1/1930
1ER (N+0.36 Y	UMBRALY	1/2008
1ER(N-0.49) Y	UMBRALY	1/1056
SOT1(N-4.09 Y	UMBRALY	1/35472

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DISPLACEMENTS AT DIAPHRAGM CENTER OF MASS

STORY	DIAPHRAGM	LOAD	UX	UY	RZ
CB3(N+20.57	CUB3	FHE	0.0619	-0.0003	0.00055
CB2(N+14.60	CUB2	FHE	0.0367	-0.0004	0.00012
CB1(N+11.30	CUB1	FHE	0.0282	-0.0003	0.00004
CB1(N+11.30	CUB1A	FHE	0.0406	-0.0004	0.00001
3ER(N+7.20)	3ER	FHE	0.0184	-0.0003	-0.00001
3ER(N+7.20)	3ERA	FHE	0.0249	-0.0003	-0.00006
2DO(N+3.78)	2DO	FHE	0.0104	-0.0003	-0.00003
2DO(N+3.78)	2DOA	FHE	0.0118	-0.0002	-0.00005
1ER (N+0.36	1ERTOP	FHE	0.0038	-0.0002	-0.00003
1ER (N+0.36	1ERTOP1	FHE	0.0027	-0.0001	-0.00004
1ER(N-0.49)	1ER	FHE	0.0018	-0.0001	-0.00003
SOT1(N-4.09	SOT1	FHE	0.0003	-0.0001	0.00001
CB3(N+20.57	CUB3	FHEUMBRAL	0.0273	-0.0001	0.00025
CB2(N+14.60	CUB2	FHEUMBRAL	0.0160	-0.0002	0.00006
CB1(N+11.30	CUB1	FHEUMBRAL	0.0123	-0.0001	0.00002
CB1(N+11.30	CUB1A	FHEUMBRAL	0.0178	-0.0002	0.00001
3ER(N+7.20)	3ER	FHEUMBRAL	0.0080	-0.0001	0.00000




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Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 39 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	3ERA	FHEUMBRAL	0.0109	-0.0001	-0.00002
2DO(N+3.78)	2DO	FHEUMBRAL	0.0045	-0.0001	-0.00001
2DO(N+3.78)	2DOA	FHEUMBRAL	0.0051	-0.0001	-0.00002
1ER (N+0.36)	1ERTOP	FHEUMBRAL	0.0016	-0.0001	-0.00001
1ER (N+0.36)	1ERTOP1	FHEUMBRAL	0.0012	-0.0001	-0.00002
1ER(N-0.49)	1ER	FHEUMBRAL	0.0008	-0.0001	-0.00001
SOT1(N-4.09)	SOT1	FHEUMBRAL	0.0001	0.0000	0.00001
CB3(N+20.57)	CUB3	VIENTO	0.0000	0.0000	0.00000
CB2(N+14.60)	CUB2	VIENTO	0.0000	0.0000	0.00000
CB1(N+11.30)	CUB1	VIENTO	0.0000	0.0000	0.00000
CB1(N+11.30)	CUB1A	VIENTO	0.0000	0.0000	0.00000
3ER(N+7.20)	3ER	VIENTO	0.0000	0.0000	0.00000
3ER(N+7.20)	3ERA	VIENTO	0.0000	0.0000	0.00000
2DO(N+3.78)	2DO	VIENTO	0.0000	0.0000	0.00000
2DO(N+3.78)	2DOA	VIENTO	0.0000	0.0000	0.00000
1ER (N+0.36)	1ERTOP	VIENTO	0.0000	0.0000	0.00000
1ER (N+0.36)	1ERTOP1	VIENTO	0.0000	0.0000	0.00000
1ER(N-0.49)	1ER	VIENTO	0.0000	0.0000	0.00000
SOT1(N-4.09)	SOT1	VIENTO	0.0000	0.0000	0.00000
CB3(N+20.57)	CUB3	SISMOX	0.0600	0.0049	0.00146
CB2(N+14.60)	CUB2	SISMOX	0.0314	0.0029	0.00075
CB1(N+11.30)	CUB1	SISMOX	0.0244	0.0027	0.00056
CB1(N+11.30)	CUB1A	SISMOX	0.0441	0.0024	0.00056
3ER(N+7.20)	3ER	SISMOX	0.0159	0.0018	0.00036
3ER(N+7.20)	3ERA	SISMOX	0.0271	0.0016	0.00033
2DO(N+3.78)	2DO	SISMOX	0.0091	0.0011	0.00019
2DO(N+3.78)	2DOA	SISMOX	0.0127	0.0009	0.00017
1ER (N+0.36)	1ERTOP	SISMOX	0.0034	0.0004	0.00006
1ER (N+0.36)	1ERTOP1	SISMOX	0.0028	0.0003	0.00006
1ER(N-0.49)	1ER	SISMOX	0.0017	0.0003	0.00004
SOT1(N-4.09)	SOT1	SISMOX	0.0004	0.0001	0.00002
CB3(N+20.57)	CUB3	SISMOY	0.0024	0.0321	0.00071
CB2(N+14.60)	CUB2	SISMOY	0.0068	0.0187	0.00043
CB1(N+11.30)	CUB1	SISMOY	0.0076	0.0145	0.00034
CB1(N+11.30)	CUB1A	SISMOY	0.0055	0.0152	0.00035
3ER(N+7.20)	3ER	SISMOY	0.0046	0.0093	0.00023
3ER(N+7.20)	3ERA	SISMOY	0.0033	0.0094	0.00023
2DO(N+3.78)	2DO	SISMOY	0.0030	0.0051	0.00013
2DO(N+3.78)	2DOA	SISMOY	0.0014	0.0049	0.00012
1ER (N+0.36)	1ERTOP	SISMOY	0.0011	0.0018	0.00005
1ER (N+0.36)	1ERTOP1	SISMOY	0.0003	0.0014	0.00004
1ER(N-0.49)	1ER	SISMOY	0.0002	0.0010	0.00003
SOT1(N-4.09)	SOT1	SISMOY	0.0001	0.0001	0.00001
CB3(N+20.57)	CUB3	UMBRALX	0.0264	0.0033	0.00066
CB2(N+14.60)	CUB2	UMBRALX	0.0132	0.0019	0.00033
CB1(N+11.30)	CUB1	UMBRALX	0.0101	0.0017	0.00025
CB1(N+11.30)	CUB1A	UMBRALX	0.0196	0.0016	0.00024
3ER(N+7.20)	3ER	UMBRALX	0.0066	0.0011	0.00016
3ER(N+7.20)	3ERA	UMBRALX	0.0121	0.0010	0.00014
2DO(N+3.78)	2DO	UMBRALX	0.0038	0.0006	0.00008
2DO(N+3.78)	2DOA	UMBRALX	0.0057	0.0006	0.00007
1ER (N+0.36)	1ERTOP	UMBRALX	0.0014	0.0003	0.00003
1ER (N+0.36)	1ERTOP1	UMBRALX	0.0012	0.0002	0.00002
1ER(N-0.49)	1ER	UMBRALX	0.0007	0.0001	0.00002
SOT1(N-4.09)	SOT1	UMBRALX	0.0002	0.0000	0.00001
CB3(N+20.57)	CUB3	UMBRALY	0.0013	0.0137	0.00045
CB2(N+14.60)	CUB2	UMBRALY	0.0045	0.0079	0.00027
CB1(N+11.30)	CUB1	UMBRALY	0.0050	0.0061	0.00021
CB1(N+11.30)	CUB1A	UMBRALY	0.0035	0.0065	0.00022
3ER(N+7.20)	3ER	UMBRALY	0.0030	0.0039	0.00014
3ER(N+7.20)	3ERA	UMBRALY	0.0021	0.0040	0.00014
2DO(N+3.78)	2DO	UMBRALY	0.0019	0.0021	0.00008
2DO(N+3.78)	2DOA	UMBRALY	0.0009	0.0020	0.00007
1ER (N+0.36)	1ERTOP	UMBRALY	0.0007	0.0007	0.00003
1ER (N+0.36)	1ERTOP1	UMBRALY	0.0002	0.0006	0.00002
1ER(N-0.49)	1ER	UMBRALY	0.0001	0.0004	0.00001
SOT1(N-4.09)	SOT1	UMBRALY	0.0000	0.0000	0.00000


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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 40 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

STORY MAXIMUM AND AVERAGE LATERAL DISPLACEMENTS

STORY	LOAD	DIR	MAXIMUM	AVERAGE	RATIO
CB3(N+20.57)	FHE	X	0.0668	0.0624	1.071
CB2(N+14.60)	FHE	X	0.0381	0.0366	1.041
CB1(N+11.30)	FHE	X	0.0407	0.0341	1.192
3ER(N+7.20)	FHE	X	0.0253	0.0218	1.162
2DO(N+3.78)	FHE	X	0.0121	0.0110	1.103
1ER (N+0.36)	FHE	X	0.0042	0.0034	1.250
1ER(N-0.49)	FHE	X	0.0022	0.0018	1.198
SOT1(N-4.09)	FHE	X	0.0004	0.0003	1.426
CB3(N+20.57)	FHEUMBRAL	X	0.0296	0.0276	1.074
CB2(N+14.60)	FHEUMBRAL	X	0.0167	0.0160	1.047
CB1(N+11.30)	FHEUMBRAL	X	0.0179	0.0149	1.201
3ER(N+7.20)	FHEUMBRAL	X	0.0110	0.0095	1.162
2DO(N+3.78)	FHEUMBRAL	X	0.0053	0.0048	1.102
1ER (N+0.36)	FHEUMBRAL	X	0.0018	0.0015	1.242
1ER(N-0.49)	FHEUMBRAL	X	0.0009	0.0008	1.194
SOT1(N-4.09)	FHEUMBRAL	X	0.0002	0.0001	1.429
CB3(N+20.57)	VIENTO	Y	0.0000	0.0000	
CB2(N+14.60)	VIENTO	Y	0.0000	0.0000	
CB1(N+11.30)	VIENTO	Y	0.0000	0.0000	
3ER(N+7.20)	VIENTO	Y	0.0000	0.0000	
2DO(N+3.78)	VIENTO	Y	0.0000	0.0000	
1ER (N+0.36)	VIENTO	Y	0.0000	0.0000	
1ER(N-0.49)	VIENTO	Y	0.0000	0.0000	
SOT1(N-4.09)	VIENTO	Y	0.0000	0.0000	
CB3(N+20.57)	SISMOX	X	0.0707	0.0614	1.151
CB2(N+14.60)	SISMOX	X	0.0341	0.0325	1.047
CB1(N+11.30)	SISMOX	X	0.0456	0.0349	1.306
3ER(N+7.20)	SISMOX	X	0.0277	0.0216	1.280
2DO(N+3.78)	SISMOX	X	0.0130	0.0108	1.206
1ER (N+0.36)	SISMOX	X	0.0040	0.0034	1.182
1ER(N-0.49)	SISMOX	X	0.0019	0.0018	1.097
SOT1(N-4.09)	SISMOX	X	0.0005	0.0003	1.520
CB3(N+20.57)	SISMOY	Y	0.0348	0.0334	1.041
CB2(N+14.60)	SISMOY	Y	0.0206	0.0196	1.049
CB1(N+11.30)	SISMOY	Y	0.0167	0.0155	1.078
3ER(N+7.20)	SISMOY	Y	0.0105	0.0098	1.069
2DO(N+3.78)	SISMOY	Y	0.0059	0.0054	1.092
1ER (N+0.36)	SISMOY	Y	0.0021	0.0017	1.213
1ER(N-0.49)	SISMOY	Y	0.0012	0.0010	1.144
SOT1(N-4.09)	SISMOY	Y	0.0002	0.0001	1.691
CB3(N+20.57)	UMBRALX	X	0.0314	0.0270	1.162
CB2(N+14.60)	UMBRALX	X	0.0147	0.0138	1.070
CB1(N+11.30)	UMBRALX	X	0.0203	0.0152	1.335
3ER(N+7.20)	UMBRALX	X	0.0123	0.0095	1.305
2DO(N+3.78)	UMBRALX	X	0.0058	0.0047	1.229
1ER (N+0.36)	UMBRALX	X	0.0016	0.0014	1.142
1ER(N-0.49)	UMBRALX	X	0.0008	0.0008	1.077
SOT1(N-4.09)	UMBRALX	X	0.0002	0.0001	1.537
CB3(N+20.57)	UMBRALY	Y	0.0165	0.0150	1.100
CB2(N+14.60)	UMBRALY	Y	0.0098	0.0088	1.108
CB1(N+11.30)	UMBRALY	Y	0.0077	0.0069	1.118
3ER(N+7.20)	UMBRALY	Y	0.0048	0.0043	1.103
2DO(N+3.78)	UMBRALY	Y	0.0026	0.0023	1.112
1ER (N+0.36)	UMBRALY	Y	0.0008	0.0007	1.173
1ER(N-0.49)	UMBRALY	Y	0.0005	0.0004	1.098
SOT1(N-4.09)	UMBRALY	Y	0.0001	0.0001	1.672

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 41 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

## **ANEXO 5. CHEQUEO DE DERIVAS**

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 42 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

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L O A D I N G C O M B I N A T I O N S

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
D1	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	1.0000
		SISMOY	Spectra	0.3000
D2	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	1.0000
		SISMOY	Spectra	-0.3000
D3	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	-1.0000
		SISMOY	Spectra	0.3000
D4	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	-1.0000
		SISMOY	Spectra	-0.3000
D5	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	0.3000
		SISMOY	Spectra	1.0000
D6	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	0.3000
		SISMOY	Spectra	-1.0000
D7	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	-0.3000
		SISMOY	Spectra	1.0000
D8	ADD	DEAD	Static	0.9000
		SISMOX	Spectra	-0.3000
		SISMOY	Spectra	-1.0000

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D I S P L A C E M E N T S A T D I A P H R A G M C E N T E R O F M A S S

STORY	DIAPHRAGM	LOAD	POINT	X	Y	UX	UY	RZ
CB3(N+20.57	CUB3	D1 Max	431	11.800	14.481	0.0607	0.0143	0.00164
CB3(N+20.57	CUB3	D1 Min	431	11.800	14.481	-0.0608	-0.0148	-0.00169
CB3(N+20.57	CUB3	D2 Max	431	11.800	14.481	0.0607	0.0143	0.00164
CB3(N+20.57	CUB3	D2 Min	431	11.800	14.481	-0.0608	-0.0148	-0.00169
CB3(N+20.57	CUB3	D3 Max	431	11.800	14.481	0.0607	0.0143	0.00164
CB3(N+20.57	CUB3	D3 Min	431	11.800	14.481	-0.0608	-0.0148	-0.00169
CB3(N+20.57	CUB3	D4 Max	431	11.800	14.481	0.0607	0.0143	0.00164
CB3(N+20.57	CUB3	D4 Min	431	11.800	14.481	-0.0608	-0.0148	-0.00169
CB3(N+20.57	CUB3	D5 Max	431	11.800	14.481	0.0204	0.0333	0.00112
CB3(N+20.57	CUB3	D5 Min	431	11.800	14.481	-0.0205	-0.0338	-0.00117
CB3(N+20.57	CUB3	D6 Max	431	11.800	14.481	0.0204	0.0333	0.00112
CB3(N+20.57	CUB3	D6 Min	431	11.800	14.481	-0.0205	-0.0338	-0.00117
CB3(N+20.57	CUB3	D7 Max	431	11.800	14.481	0.0204	0.0333	0.00112
CB3(N+20.57	CUB3	D7 Min	431	11.800	14.481	-0.0205	-0.0338	-0.00117
CB3(N+20.57	CUB3	D8 Max	431	11.800	14.481	0.0204	0.0333	0.00112
CB3(N+20.57	CUB3	D8 Min	431	11.800	14.481	-0.0205	-0.0338	-0.00117
CB2(N+14.60	CUB2	D1 Max	432	11.700	31.216	0.0337	0.0086	0.00086
CB2(N+14.60	CUB2	D1 Min	432	11.700	31.216	-0.0331	-0.0085	-0.00090
CB2(N+14.60	CUB2	D2 Max	432	11.700	31.216	0.0337	0.0086	0.00086
CB2(N+14.60	CUB2	D2 Min	432	11.700	31.216	-0.0331	-0.0085	-0.00090
CB2(N+14.60	CUB2	D3 Max	432	11.700	31.216	0.0337	0.0086	0.00086
CB2(N+14.60	CUB2	D3 Min	432	11.700	31.216	-0.0331	-0.0085	-0.00090
CB2(N+14.60	CUB2	D4 Max	432	11.700	31.216	0.0337	0.0086	0.00086
CB2(N+14.60	CUB2	D4 Min	432	11.700	31.216	-0.0331	-0.0085	-0.00090
CB2(N+14.60	CUB2	D5 Max	432	11.700	31.216	0.0165	0.0196	0.00064
CB2(N+14.60	CUB2	D5 Min	432	11.700	31.216	-0.0159	-0.0195	-0.00068
CB2(N+14.60	CUB2	D6 Max	432	11.700	31.216	0.0165	0.0196	0.00064
CB2(N+14.60	CUB2	D6 Min	432	11.700	31.216	-0.0159	-0.0195	-0.00068
CB2(N+14.60	CUB2	D7 Max	432	11.700	31.216	0.0165	0.0196	0.00064
CB2(N+14.60	CUB2	D7 Min	432	11.700	31.216	-0.0159	-0.0195	-0.00068




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 43 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60	CUB2	D8 Max	432	11.700	31.216	0.0165	0.0196	0.00064
CB2(N+14.60	CUB2	D8 Min	432	11.700	31.216	-0.0159	-0.0195	-0.00068
CB1(N+11.30	CUB1	D1 Max	433	13.314	37.526	0.0270	0.0071	0.00065
CB1(N+11.30	CUB1	D1 Min	433	13.314	37.526	-0.0263	-0.0071	-0.00068
CB1(N+11.30	CUB1	D2 Max	433	13.314	37.526	0.0270	0.0071	0.00065
CB1(N+11.30	CUB1	D2 Min	433	13.314	37.526	-0.0263	-0.0071	-0.00068
CB1(N+11.30	CUB1	D3 Max	433	13.314	37.526	0.0270	0.0071	0.00065
CB1(N+11.30	CUB1	D3 Min	433	13.314	37.526	-0.0263	-0.0071	-0.00068
CB1(N+11.30	CUB1	D4 Max	433	13.314	37.526	0.0270	0.0071	0.00065
CB1(N+11.30	CUB1	D4 Min	433	13.314	37.526	-0.0263	-0.0071	-0.00068
CB1(N+11.30	CUB1	D5 Max	433	13.314	37.526	0.0153	0.0153	0.00050
CB1(N+11.30	CUB1	D5 Min	433	13.314	37.526	-0.0146	-0.0153	-0.00053
CB1(N+11.30	CUB1	D6 Max	433	13.314	37.526	0.0153	0.0153	0.00050
CB1(N+11.30	CUB1	D6 Min	433	13.314	37.526	-0.0146	-0.0153	-0.00053
CB1(N+11.30	CUB1	D7 Max	433	13.314	37.526	0.0153	0.0153	0.00050
CB1(N+11.30	CUB1	D7 Min	433	13.314	37.526	-0.0146	-0.0153	-0.00053
CB1(N+11.30	CUB1	D8 Max	433	13.314	37.526	0.0153	0.0153	0.00050
CB1(N+11.30	CUB1	D8 Min	433	13.314	37.526	-0.0146	-0.0153	-0.00053
CB1(N+11.30	CUB1A	D1 Max	434	11.792	4.329	0.0458	0.0071	0.00065
CB1(N+11.30	CUB1A	D1 Min	434	11.792	4.329	-0.0456	-0.0069	-0.00068
CB1(N+11.30	CUB1A	D2 Max	434	11.792	4.329	0.0458	0.0071	0.00065
CB1(N+11.30	CUB1A	D2 Min	434	11.792	4.329	-0.0456	-0.0069	-0.00068
CB1(N+11.30	CUB1A	D3 Max	434	11.792	4.329	0.0458	0.0071	0.00065
CB1(N+11.30	CUB1A	D3 Min	434	11.792	4.329	-0.0456	-0.0069	-0.00068
CB1(N+11.30	CUB1A	D4 Max	434	11.792	4.329	0.0458	0.0071	0.00065
CB1(N+11.30	CUB1A	D4 Min	434	11.792	4.329	-0.0456	-0.0069	-0.00068
CB1(N+11.30	CUB1A	D5 Max	434	11.792	4.329	0.0188	0.0161	0.00051
CB1(N+11.30	CUB1A	D5 Min	434	11.792	4.329	-0.0186	-0.0159	-0.00054
CB1(N+11.30	CUB1A	D6 Max	434	11.792	4.329	0.0188	0.0161	0.00051
CB1(N+11.30	CUB1A	D6 Min	434	11.792	4.329	-0.0186	-0.0159	-0.00054
CB1(N+11.30	CUB1A	D7 Max	434	11.792	4.329	0.0188	0.0161	0.00051
CB1(N+11.30	CUB1A	D7 Min	434	11.792	4.329	-0.0186	-0.0159	-0.00054
CB1(N+11.30	CUB1A	D8 Max	434	11.792	4.329	0.0188	0.0161	0.00051
CB1(N+11.30	CUB1A	D8 Min	434	11.792	4.329	-0.0186	-0.0159	-0.00054
3ER(N+7.20)	3ER	D1 Max	435	13.389	35.388	0.0175	0.0046	0.00042
3ER(N+7.20)	3ER	D1 Min	435	13.389	35.388	-0.0171	-0.0046	-0.00043
3ER(N+7.20)	3ER	D2 Max	435	13.389	35.388	0.0175	0.0046	0.00042
3ER(N+7.20)	3ER	D2 Min	435	13.389	35.388	-0.0171	-0.0046	-0.00043
3ER(N+7.20)	3ER	D3 Max	435	13.389	35.388	0.0175	0.0046	0.00042
3ER(N+7.20)	3ER	D3 Min	435	13.389	35.388	-0.0171	-0.0046	-0.00043
3ER(N+7.20)	3ER	D4 Max	435	13.389	35.388	0.0175	0.0046	0.00042
3ER(N+7.20)	3ER	D4 Min	435	13.389	35.388	-0.0171	-0.0046	-0.00043
3ER(N+7.20)	3ER	D5 Max	435	13.389	35.388	0.0096	0.0098	0.00033
3ER(N+7.20)	3ER	D5 Min	435	13.389	35.388	-0.0092	-0.0098	-0.00034
3ER(N+7.20)	3ER	D6 Max	435	13.389	35.388	0.0096	0.0098	0.00033
3ER(N+7.20)	3ER	D6 Min	435	13.389	35.388	-0.0092	-0.0098	-0.00034
3ER(N+7.20)	3ER	D7 Max	435	13.389	35.388	0.0096	0.0098	0.00033
3ER(N+7.20)	3ER	D7 Min	435	13.389	35.388	-0.0092	-0.0098	-0.00034
3ER(N+7.20)	3ER	D8 Max	435	13.389	35.388	0.0096	0.0098	0.00033
3ER(N+7.20)	3ER	D8 Min	435	13.389	35.388	-0.0092	-0.0098	-0.00034
3ER(N+7.20)	3ERA	D1 Max	436	11.886	3.998	0.0282	0.0045	0.00039
3ER(N+7.20)	3ERA	D1 Min	436	11.886	3.998	-0.0280	-0.0043	-0.00040
3ER(N+7.20)	3ERA	D2 Max	436	11.886	3.998	0.0282	0.0045	0.00039
3ER(N+7.20)	3ERA	D2 Min	436	11.886	3.998	-0.0280	-0.0043	-0.00040
3ER(N+7.20)	3ERA	D3 Max	436	11.886	3.998	0.0282	0.0045	0.00039
3ER(N+7.20)	3ERA	D3 Min	436	11.886	3.998	-0.0280	-0.0043	-0.00040
3ER(N+7.20)	3ERA	D4 Max	436	11.886	3.998	0.0282	0.0045	0.00039
3ER(N+7.20)	3ERA	D4 Min	436	11.886	3.998	-0.0280	-0.0043	-0.00040
3ER(N+7.20)	3ERA	D5 Max	436	11.886	3.998	0.0115	0.0099	0.00032
3ER(N+7.20)	3ERA	D5 Min	436	11.886	3.998	-0.0113	-0.0098	-0.00033
3ER(N+7.20)	3ERA	D6 Max	436	11.886	3.998	0.0115	0.0099	0.00032
3ER(N+7.20)	3ERA	D6 Min	436	11.886	3.998	-0.0113	-0.0098	-0.00033
3ER(N+7.20)	3ERA	D7 Max	436	11.886	3.998	0.0115	0.0099	0.00032
3ER(N+7.20)	3ERA	D7 Min	436	11.886	3.998	-0.0113	-0.0098	-0.00033
3ER(N+7.20)	3ERA	D8 Max	436	11.886	3.998	0.0115	0.0099	0.00032



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 44 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20) 3ERA	D8 Min	436	11.886	3.998	-0.0113	-0.0098	-0.00033
2DO(N+3.78) 2DO	D1 Max	437	13.171	37.523	0.0101	0.0026	0.00023
2DO(N+3.78) 2DO	D1 Min	437	13.171	37.523	-0.0099	-0.0026	-0.00024
2DO(N+3.78) 2DO	D2 Max	437	13.171	37.523	0.0101	0.0026	0.00023
2DO(N+3.78) 2DO	D2 Min	437	13.171	37.523	-0.0099	-0.0026	-0.00024
2DO(N+3.78) 2DO	D3 Max	437	13.171	37.523	0.0101	0.0026	0.00023
2DO(N+3.78) 2DO	D3 Min	437	13.171	37.523	-0.0099	-0.0026	-0.00024
2DO(N+3.78) 2DO	D4 Max	437	13.171	37.523	0.0101	0.0026	0.00023
2DO(N+3.78) 2DO	D4 Min	437	13.171	37.523	-0.0099	-0.0026	-0.00024
2DO(N+3.78) 2DO	D5 Max	437	13.171	37.523	0.0058	0.0055	0.00018
2DO(N+3.78) 2DO	D5 Min	437	13.171	37.523	-0.0056	-0.0054	-0.00019
2DO(N+3.78) 2DO	D6 Max	437	13.171	37.523	0.0058	0.0055	0.00018
2DO(N+3.78) 2DO	D6 Min	437	13.171	37.523	-0.0056	-0.0054	-0.00019
2DO(N+3.78) 2DO	D7 Max	437	13.171	37.523	0.0058	0.0055	0.00018
2DO(N+3.78) 2DO	D7 Min	437	13.171	37.523	-0.0056	-0.0054	-0.00019
2DO(N+3.78) 2DO	D8 Max	437	13.171	37.523	0.0058	0.0055	0.00018
2DO(N+3.78) 2DO	D8 Min	437	13.171	37.523	-0.0056	-0.0054	-0.00019
2DO(N+3.78) 2DOA	D1 Max	438	11.937	4.235	0.0132	0.0024	0.00021
2DO(N+3.78) 2DOA	D1 Min	438	11.937	4.235	-0.0131	-0.0023	-0.00021
2DO(N+3.78) 2DOA	D2 Max	438	11.937	4.235	0.0132	0.0024	0.00021
2DO(N+3.78) 2DOA	D2 Min	438	11.937	4.235	-0.0131	-0.0023	-0.00021
2DO(N+3.78) 2DOA	D3 Max	438	11.937	4.235	0.0132	0.0024	0.00021
2DO(N+3.78) 2DOA	D3 Min	438	11.937	4.235	-0.0131	-0.0023	-0.00021
2DO(N+3.78) 2DOA	D4 Max	438	11.937	4.235	0.0132	0.0024	0.00021
2DO(N+3.78) 2DOA	D4 Min	438	11.937	4.235	-0.0131	-0.0023	-0.00021
2DO(N+3.78) 2DOA	D5 Max	438	11.937	4.235	0.0053	0.0052	0.00017
2DO(N+3.78) 2DOA	D5 Min	438	11.937	4.235	-0.0052	-0.0051	-0.00018
2DO(N+3.78) 2DOA	D6 Max	438	11.937	4.235	0.0053	0.0052	0.00017
2DO(N+3.78) 2DOA	D6 Min	438	11.937	4.235	-0.0052	-0.0051	-0.00018
2DO(N+3.78) 2DOA	D7 Max	438	11.937	4.235	0.0053	0.0052	0.00017
2DO(N+3.78) 2DOA	D7 Min	438	11.937	4.235	-0.0052	-0.0051	-0.00018
2DO(N+3.78) 2DOA	D8 Max	438	11.937	4.235	0.0053	0.0052	0.00017
2DO(N+3.78) 2DOA	D8 Min	438	11.937	4.235	-0.0052	-0.0051	-0.00018
1ER (N+0.36) 1ERTOP	D1 Max	439	13.033	37.916	0.0038	0.0010	0.00008
1ER (N+0.36) 1ERTOP	D1 Min	439	13.033	37.916	-0.0037	-0.0010	-0.00008
1ER (N+0.36) 1ERTOP	D2 Max	439	13.033	37.916	0.0038	0.0010	0.00008
1ER (N+0.36) 1ERTOP	D2 Min	439	13.033	37.916	-0.0037	-0.0010	-0.00008
1ER (N+0.36) 1ERTOP	D3 Max	439	13.033	37.916	0.0038	0.0010	0.00008
1ER (N+0.36) 1ERTOP	D3 Min	439	13.033	37.916	-0.0037	-0.0010	-0.00008
1ER (N+0.36) 1ERTOP	D4 Max	439	13.033	37.916	0.0038	0.0010	0.00008
1ER (N+0.36) 1ERTOP	D4 Min	439	13.033	37.916	-0.0037	-0.0010	-0.00008
1ER (N+0.36) 1ERTOP	D5 Max	439	13.033	37.916	0.0022	0.0019	0.00006
1ER (N+0.36) 1ERTOP	D5 Min	439	13.033	37.916	-0.0021	-0.0019	-0.00007
1ER (N+0.36) 1ERTOP	D6 Max	439	13.033	37.916	0.0022	0.0019	0.00006
1ER (N+0.36) 1ERTOP	D6 Min	439	13.033	37.916	-0.0021	-0.0019	-0.00007
1ER (N+0.36) 1ERTOP	D7 Max	439	13.033	37.916	0.0022	0.0019	0.00006
1ER (N+0.36) 1ERTOP	D7 Min	439	13.033	37.916	-0.0021	-0.0019	-0.00007
1ER (N+0.36) 1ERTOP	D8 Max	439	13.033	37.916	0.0022	0.0019	0.00006
1ER (N+0.36) 1ERTOP	D8 Min	439	13.033	37.916	-0.0021	-0.0019	-0.00007
1ER (N+0.36) 1ERTOP1	D1 Max	440	11.922	3.560	0.0029	0.0008	0.00007
1ER (N+0.36) 1ERTOP1	D1 Min	440	11.922	3.560	-0.0029	-0.0008	-0.00007
1ER (N+0.36) 1ERTOP1	D2 Max	440	11.922	3.560	0.0029	0.0008	0.00007
1ER (N+0.36) 1ERTOP1	D2 Min	440	11.922	3.560	-0.0029	-0.0008	-0.00007
1ER (N+0.36) 1ERTOP1	D3 Max	440	11.922	3.560	0.0029	0.0008	0.00007
1ER (N+0.36) 1ERTOP1	D3 Min	440	11.922	3.560	-0.0029	-0.0008	-0.00007
1ER (N+0.36) 1ERTOP1	D4 Max	440	11.922	3.560	0.0029	0.0008	0.00007
1ER (N+0.36) 1ERTOP1	D4 Min	440	11.922	3.560	-0.0029	-0.0008	-0.00007
1ER (N+0.36) 1ERTOP1	D5 Max	440	11.922	3.560	0.0012	0.0016	0.00006
1ER (N+0.36) 1ERTOP1	D5 Min	440	11.922	3.560	-0.0012	-0.0015	-0.00005
1ER (N+0.36) 1ERTOP1	D6 Max	440	11.922	3.560	0.0012	0.0016	0.00006
1ER (N+0.36) 1ERTOP1	D6 Min	440	11.922	3.560	-0.0012	-0.0015	-0.00005
1ER (N+0.36) 1ERTOP1	D7 Max	440	11.922	3.560	0.0012	0.0016	0.00006
1ER (N+0.36) 1ERTOP1	D7 Min	440	11.922	3.560	-0.0012	-0.0015	-0.00005
1ER (N+0.36) 1ERTOP1	D8 Max	440	11.922	3.560	0.0012	0.0016	0.00006
1ER (N+0.36) 1ERTOP1	D8 Min	440	11.922	3.560	-0.0012	-0.0015	-0.00005

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 45 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49) 1ER	D1 Max	441	11.662	10.054	0.0018	0.0006	0.00005
1ER(N-0.49) 1ER	D1 Min	441	11.662	10.054	-0.0017	-0.0005	-0.00005
1ER(N-0.49) 1ER	D2 Max	441	11.662	10.054	0.0018	0.0006	0.00005
1ER(N-0.49) 1ER	D2 Min	441	11.662	10.054	-0.0017	-0.0005	-0.00005
1ER(N-0.49) 1ER	D3 Max	441	11.662	10.054	0.0018	0.0006	0.00005
1ER(N-0.49) 1ER	D3 Min	441	11.662	10.054	-0.0017	-0.0005	-0.00005
1ER(N-0.49) 1ER	D4 Max	441	11.662	10.054	0.0018	0.0006	0.00005
1ER(N-0.49) 1ER	D4 Min	441	11.662	10.054	-0.0017	-0.0005	-0.00005
1ER(N-0.49) 1ER	D5 Max	441	11.662	10.054	0.0007	0.0011	0.00004
1ER(N-0.49) 1ER	D5 Min	441	11.662	10.054	-0.0007	-0.0010	-0.00004
1ER(N-0.49) 1ER	D6 Max	441	11.662	10.054	0.0007	0.0011	0.00004
1ER(N-0.49) 1ER	D6 Min	441	11.662	10.054	-0.0007	-0.0010	-0.00004
1ER(N-0.49) 1ER	D7 Max	441	11.662	10.054	0.0007	0.0011	0.00004
1ER(N-0.49) 1ER	D7 Min	441	11.662	10.054	-0.0007	-0.0010	-0.00004
1ER(N-0.49) 1ER	D8 Max	441	11.662	10.054	0.0007	0.0011	0.00004
1ER(N-0.49) 1ER	D8 Min	441	11.662	10.054	-0.0007	-0.0010	-0.00004

SOT1(N-4.09) SOT1	D1 Max	442	15.354	7.210	0.0004	0.0001	0.00002
SOT1(N-4.09) SOT1	D1 Min	442	15.354	7.210	-0.0004	-0.0001	-0.00002
SOT1(N-4.09) SOT1	D2 Max	442	15.354	7.210	0.0004	0.0001	0.00002
SOT1(N-4.09) SOT1	D2 Min	442	15.354	7.210	-0.0004	-0.0001	-0.00002
SOT1(N-4.09) SOT1	D3 Max	442	15.354	7.210	0.0004	0.0001	0.00002
SOT1(N-4.09) SOT1	D3 Min	442	15.354	7.210	-0.0004	-0.0001	-0.00002
SOT1(N-4.09) SOT1	D4 Max	442	15.354	7.210	0.0004	0.0001	0.00002
SOT1(N-4.09) SOT1	D4 Min	442	15.354	7.210	-0.0004	-0.0001	-0.00002
SOT1(N-4.09) SOT1	D5 Max	442	15.354	7.210	0.0002	0.0001	0.00002
SOT1(N-4.09) SOT1	D5 Min	442	15.354	7.210	-0.0002	-0.0002	-0.00002
SOT1(N-4.09) SOT1	D6 Max	442	15.354	7.210	0.0002	0.0001	0.00002
SOT1(N-4.09) SOT1	D6 Min	442	15.354	7.210	-0.0002	-0.0002	-0.00002
SOT1(N-4.09) SOT1	D7 Max	442	15.354	7.210	0.0002	0.0001	0.00002
SOT1(N-4.09) SOT1	D7 Min	442	15.354	7.210	-0.0002	-0.0002	-0.00002
SOT1(N-4.09) SOT1	D8 Max	442	15.354	7.210	0.0002	0.0001	0.00002
SOT1(N-4.09) SOT1	D8 Min	442	15.354	7.210	-0.0002	-0.0002	-0.00002

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#### S T O R Y D R I F T S


STORY	DIRECTION	LOAD	POINT	X	Y	Z	MAX DRIFT
CB3(N+20.57 X	D1		173	23.400	20.000	28.230	0.003523
CB3(N+20.57 Y	D1		211	23.400	21.800	28.230	0.002334
CB3(N+20.57 X	D2		173	23.400	20.000	28.230	0.003523
CB3(N+20.57 Y	D2		211	23.400	21.800	28.230	0.002334
CB3(N+20.57 X	D3		173	23.400	20.000	28.230	0.003523
CB3(N+20.57 Y	D3		211	23.400	21.800	28.230	0.002334
CB3(N+20.57 X	D4		173	23.400	20.000	28.230	0.003523
CB3(N+20.57 Y	D4		211	23.400	21.800	28.230	0.002334
CB3(N+20.57 Y	D5		188	0.000	21.800	28.230	0.003046
CB3(N+20.57 Y	D6		188	0.000	21.800	28.230	0.003046
CB3(N+20.57 Y	D7		188	0.000	21.800	28.230	0.003046
CB3(N+20.57 Y	D8		188	0.000	21.800	28.230	0.003046
CB2(N+14.60 X	D1		33	0.000	5.500	22.260	0.004024
CB2(N+14.60 X	D2		33	0.000	5.500	22.260	0.004024
CB2(N+14.60 X	D3		33	0.000	5.500	22.260	0.004024
CB2(N+14.60 X	D4		33	0.000	5.500	22.260	0.004024
CB2(N+14.60 X	D5		33	0.000	5.500	22.260	0.001920
CB2(N+14.60 Y	D5		61	11.700	8.200	22.260	0.002972





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 46 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60 X	D6	33	0.000	5.500	22.260	0.001920
CB2(N+14.60 Y	D6	61	11.700	8.200	22.260	0.002972
CB2(N+14.60 X	D7	33	0.000	5.500	22.260	0.001920
CB2(N+14.60 Y	D7	61	11.700	8.200	22.260	0.002972
CB2(N+14.60 X	D8	33	0.000	5.500	22.260	0.001920
CB2(N+14.60 Y	D8	61	11.700	8.200	22.260	0.002972
CB1(N+11.30 X	D1	8	23.400	0.000	18.960	0.004578
CB1(N+11.30 X	D2	8	23.400	0.000	18.960	0.004578
CB1(N+11.30 X	D3	8	23.400	0.000	18.960	0.004578
CB1(N+11.30 X	D4	8	23.400	0.000	18.960	0.004578
CB1(N+11.30 X	D5	8	23.400	0.000	18.960	0.002006
CB1(N+11.30 Y	D5	33	0.000	5.500	18.960	0.001824
CB1(N+11.30 X	D6	8	23.400	0.000	18.960	0.002006
CB1(N+11.30 Y	D6	33	0.000	5.500	18.960	0.001824
CB1(N+11.30 X	D7	8	23.400	0.000	18.960	0.002006
CB1(N+11.30 Y	D7	33	0.000	5.500	18.960	0.001824
CB1(N+11.30 X	D8	8	23.400	0.000	18.960	0.002006
CB1(N+11.30 Y	D8	33	0.000	5.500	18.960	0.001824
3ER(N+7.20) X	D1	8	23.400	0.000	14.850	0.004512
3ER(N+7.20) X	D2	8	23.400	0.000	14.850	0.004512
3ER(N+7.20) X	D3	8	23.400	0.000	14.850	0.004512
3ER(N+7.20) X	D4	8	23.400	0.000	14.850	0.004512
3ER(N+7.20) X	D5	8	23.400	0.000	14.850	0.001960
3ER(N+7.20) Y	D5	715	23.400	7.700	14.850	0.001651
3ER(N+7.20) X	D6	8	23.400	0.000	14.850	0.001960
3ER(N+7.20) Y	D6	715	23.400	7.700	14.850	0.001651
3ER(N+7.20) X	D7	8	23.400	0.000	14.850	0.001960
3ER(N+7.20) Y	D7	715	23.400	7.700	14.850	0.001651
3ER(N+7.20) X	D8	8	23.400	0.000	14.850	0.001960
3ER(N+7.20) Y	D8	715	23.400	7.700	14.850	0.001651
2DO(N+3.78) X	D1	8	23.400	0.000	11.430	0.003129
2DO(N+3.78) X	D2	8	23.400	0.000	11.430	0.003129
2DO(N+3.78) X	D3	8	23.400	0.000	11.430	0.003129
2DO(N+3.78) X	D4	8	23.400	0.000	11.430	0.003129
2DO(N+3.78) X	D5	395	25.800	54.980	11.430	0.001583
2DO(N+3.78) Y	D5	395	25.800	54.980	11.430	0.001306
2DO(N+3.78) X	D6	395	25.800	54.980	11.430	0.001583
2DO(N+3.78) Y	D6	395	25.800	54.980	11.430	0.001306
2DO(N+3.78) X	D7	395	25.800	54.980	11.430	0.001583
2DO(N+3.78) Y	D7	395	25.800	54.980	11.430	0.001306
2DO(N+3.78) X	D8	395	25.800	54.980	11.430	0.001583
2DO(N+3.78) Y	D8	395	25.800	54.980	11.430	0.001306
1ER (N+0.36 X	D1	385	21.450	52.980	8.010	0.001784
1ER (N+0.36 Y	D1	238	14.860	25.870	8.010	0.001413
1ER (N+0.36 X	D2	385	21.450	52.980	8.010	0.001784
1ER (N+0.36 Y	D2	238	14.860	25.870	8.010	0.001413


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 47 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36 X	D3	385	21.450	52.980	8.010	0.001784
1ER (N+0.36 Y	D3	238	14.860	25.870	8.010	0.001413
1ER (N+0.36 X	D4	385	21.450	52.980	8.010	0.001784
1ER (N+0.36 Y	D4	238	14.860	25.870	8.010	0.001413
1ER (N+0.36 X	D5	328	-2.400	39.150	8.010	0.001296
1ER (N+0.36 Y	D5	238	14.860	25.870	8.010	0.001616
1ER (N+0.36 X	D6	328	-2.400	39.150	8.010	0.001296
1ER (N+0.36 Y	D6	238	14.860	25.870	8.010	0.001616
1ER (N+0.36 X	D7	328	-2.400	39.150	8.010	0.001296
1ER (N+0.36 Y	D7	238	14.860	25.870	8.010	0.001616
1ER (N+0.36 X	D8	328	-2.400	39.150	8.010	0.001296
1ER (N+0.36 Y	D8	238	14.860	25.870	8.010	0.001616
1ER(N-0.49) X	D1	363	-0.950	43.152	7.160	0.002141
1ER(N-0.49) Y	D1	363	-0.950	43.152	7.160	0.002588
1ER(N-0.49) X	D2	363	-0.950	43.152	7.160	0.002141
1ER(N-0.49) Y	D2	363	-0.950	43.152	7.160	0.002588
1ER(N-0.49) X	D3	363	-0.950	43.152	7.160	0.002141
1ER(N-0.49) Y	D3	363	-0.950	43.152	7.160	0.002588
1ER(N-0.49) X	D4	363	-0.950	43.152	7.160	0.002141
1ER(N-0.49) Y	D4	363	-0.950	43.152	7.160	0.002588
1ER(N-0.49) X	D5	363	-0.950	43.152	7.160	0.002268
1ER(N-0.49) Y	D5	363	-0.950	43.152	7.160	0.002667
1ER(N-0.49) X	D6	363	-0.950	43.152	7.160	0.002268
1ER(N-0.49) Y	D6	363	-0.950	43.152	7.160	0.002667
1ER(N-0.49) X	D7	363	-0.950	43.152	7.160	0.002268
1ER(N-0.49) Y	D7	363	-0.950	43.152	7.160	0.002667
1ER(N-0.49) X	D8	363	-0.950	43.152	7.160	0.002268
1ER(N-0.49) Y	D8	363	-0.950	43.152	7.160	0.002667
SOT1(N-4.09 X	D1	3	5.400	0.000	3.560	0.000224
SOT1(N-4.09 X	D2	3	5.400	0.000	3.560	0.000224
SOT1(N-4.09 X	D3	3	5.400	0.000	3.560	0.000224
SOT1(N-4.09 X	D4	3	5.400	0.000	3.560	0.000224
SOT1(N-4.09 X	D5	3	5.400	0.000	3.560	0.000108
SOT1(N-4.09 Y	D5	40	23.400	5.500	3.560	0.000086
SOT1(N-4.09 X	D6	3	5.400	0.000	3.560	0.000108
SOT1(N-4.09 Y	D6	40	23.400	5.500	3.560	0.000086
SOT1(N-4.09 X	D7	3	5.400	0.000	3.560	0.000108
SOT1(N-4.09 Y	D7	40	23.400	5.500	3.560	0.000086
SOT1(N-4.09 X	D8	3	5.400	0.000	3.560	0.000108
SOT1(N-4.09 Y	D8	40	23.400	5.500	3.560	0.000086


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#### D I A P H R A G M D R I F T S


STORY	DIAPHRAGM	DIRECTION	LOAD	POINT	X	Y	Z	MAX DRIFT
CB3(N+20.57	CUB3	X	D1	173	23.400	20.000	28.230	0.003523
CB3(N+20.57	CUB3	Y	D1	211	23.400	21.800	28.230	0.002334

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 48 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB3(N+20.57 CUB3	X	D2	173	23.400	20.000	28.230	0.003523
CB3(N+20.57 CUB3	Y	D2	211	23.400	21.800	28.230	0.002334
CB3(N+20.57 CUB3	X	D3	173	23.400	20.000	28.230	0.003523
CB3(N+20.57 CUB3	Y	D3	211	23.400	21.800	28.230	0.002334
CB3(N+20.57 CUB3	X	D4	173	23.400	20.000	28.230	0.003523
CB3(N+20.57 CUB3	Y	D4	211	23.400	21.800	28.230	0.002334
CB3(N+20.57 CUB3	X	D5	40	23.400	5.500	28.230	0.001353
CB3(N+20.57 CUB3	Y	D5	188	0.000	21.800	28.230	0.003046
CB3(N+20.57 CUB3	X	D6	40	23.400	5.500	28.230	0.001353
CB3(N+20.57 CUB3	Y	D6	188	0.000	21.800	28.230	0.003046
CB3(N+20.57 CUB3	X	D7	40	23.400	5.500	28.230	0.001353
CB3(N+20.57 CUB3	Y	D7	188	0.000	21.800	28.230	0.003046
CB3(N+20.57 CUB3	X	D8	40	23.400	5.500	28.230	0.001353
CB3(N+20.57 CUB3	Y	D8	188	0.000	21.800	28.230	0.003046
CB2(N+14.60 CUB2	X	D1	173	23.400	20.000	22.260	0.002580
CB2(N+14.60 CUB2	Y	D1	272	25.069	31.313	22.260	0.001276
CB2(N+14.60 CUB2	X	D2	173	23.400	20.000	22.260	0.002580
CB2(N+14.60 CUB2	Y	D2	272	25.069	31.313	22.260	0.001276
CB2(N+14.60 CUB2	X	D3	173	23.400	20.000	22.260	0.002580
CB2(N+14.60 CUB2	Y	D3	272	25.069	31.313	22.260	0.001276
CB2(N+14.60 CUB2	X	D4	173	23.400	20.000	22.260	0.002580
CB2(N+14.60 CUB2	Y	D4	272	25.069	31.313	22.260	0.001276
CB2(N+14.60 CUB2	X	D5	371	18.373	45.025	22.260	0.001387
CB2(N+14.60 CUB2	Y	D5	271	-1.669	31.313	22.260	0.001731
CB2(N+14.60 CUB2	X	D6	371	18.373	45.025	22.260	0.001387
CB2(N+14.60 CUB2	Y	D6	271	-1.669	31.313	22.260	0.001731
CB2(N+14.60 CUB2	X	D7	371	18.373	45.025	22.260	0.001387
CB2(N+14.60 CUB2	Y	D7	271	-1.669	31.313	22.260	0.001731
CB2(N+14.60 CUB2	X	D8	371	18.373	45.025	22.260	0.001387
CB2(N+14.60 CUB2	Y	D8	271	-1.669	31.313	22.260	0.001731
CB1(N+11.30 CUB1	X	D1	395	25.800	54.980	18.960	0.002490
CB1(N+11.30 CUB1	Y	D1	395	25.800	54.980	18.960	0.001231
CB1(N+11.30 CUB1	X	D2	395	25.800	54.980	18.960	0.002490
CB1(N+11.30 CUB1	Y	D2	395	25.800	54.980	18.960	0.001231
CB1(N+11.30 CUB1	X	D3	395	25.800	54.980	18.960	0.002490
CB1(N+11.30 CUB1	Y	D3	395	25.800	54.980	18.960	0.001231
CB1(N+11.30 CUB1	X	D4	395	25.800	54.980	18.960	0.002490
CB1(N+11.30 CUB1	Y	D4	395	25.800	54.980	18.960	0.001231
CB1(N+11.30 CUB1	X	D5	395	25.800	54.980	18.960	0.001788
CB1(N+11.30 CUB1	Y	D5	368	25.800	44.780	18.960	0.001644
CB1(N+11.30 CUB1	X	D6	395	25.800	54.980	18.960	0.001788
CB1(N+11.30 CUB1	Y	D6	368	25.800	44.780	18.960	0.001644
CB1(N+11.30 CUB1	X	D7	395	25.800	54.980	18.960	0.001788
CB1(N+11.30 CUB1	Y	D7	368	25.800	44.780	18.960	0.001644
CB1(N+11.30 CUB1	X	D8	395	25.800	54.980	18.960	0.001788
CB1(N+11.30 CUB1	Y	D8	368	25.800	44.780	18.960	0.001644

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 49 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30	CUB1A	X	D1	8	23.400	0.000	18.960	0.004578
CB1(N+11.30	CUB1A	Y	D1	715	23.400	7.700	18.960	0.001250
CB1(N+11.30	CUB1A	X	D2	8	23.400	0.000	18.960	0.004578
CB1(N+11.30	CUB1A	Y	D2	715	23.400	7.700	18.960	0.001250
CB1(N+11.30	CUB1A	X	D3	8	23.400	0.000	18.960	0.004578
CB1(N+11.30	CUB1A	Y	D3	715	23.400	7.700	18.960	0.001250
CB1(N+11.30	CUB1A	X	D4	8	23.400	0.000	18.960	0.004578
CB1(N+11.30	CUB1A	Y	D4	715	23.400	7.700	18.960	0.001250
CB1(N+11.30	CUB1A	X	D5	8	23.400	0.000	18.960	0.002006
CB1(N+11.30	CUB1A	Y	D5	33	0.000	5.500	18.960	0.001824
CB1(N+11.30	CUB1A	X	D6	8	23.400	0.000	18.960	0.002006
CB1(N+11.30	CUB1A	Y	D6	33	0.000	5.500	18.960	0.001824
CB1(N+11.30	CUB1A	X	D7	8	23.400	0.000	18.960	0.002006
CB1(N+11.30	CUB1A	Y	D7	33	0.000	5.500	18.960	0.001824
CB1(N+11.30	CUB1A	X	D8	8	23.400	0.000	18.960	0.002006
CB1(N+11.30	CUB1A	Y	D8	33	0.000	5.500	18.960	0.001824
3ER(N+7.20)	3ER	X	D1	395	25.800	54.980	14.850	0.002612
3ER(N+7.20)	3ER	Y	D1	368	25.800	44.780	14.850	0.001180
3ER(N+7.20)	3ER	X	D2	395	25.800	54.980	14.850	0.002612
3ER(N+7.20)	3ER	Y	D2	368	25.800	44.780	14.850	0.001180
3ER(N+7.20)	3ER	X	D3	395	25.800	54.980	14.850	0.002612
3ER(N+7.20)	3ER	Y	D3	368	25.800	44.780	14.850	0.001180
3ER(N+7.20)	3ER	X	D4	395	25.800	54.980	14.850	0.002612
3ER(N+7.20)	3ER	Y	D4	368	25.800	44.780	14.850	0.001180
3ER(N+7.20)	3ER	X	D5	395	25.800	54.980	14.850	0.001859
3ER(N+7.20)	3ER	Y	D5	395	25.800	54.980	14.850	0.001592
3ER(N+7.20)	3ER	X	D6	395	25.800	54.980	14.850	0.001859
3ER(N+7.20)	3ER	Y	D6	395	25.800	54.980	14.850	0.001592
3ER(N+7.20)	3ER	X	D7	395	25.800	54.980	14.850	0.001859
3ER(N+7.20)	3ER	Y	D7	395	25.800	54.980	14.850	0.001592
3ER(N+7.20)	3ER	X	D8	395	25.800	54.980	14.850	0.001859
3ER(N+7.20)	3ER	Y	D8	395	25.800	54.980	14.850	0.001592
3ER(N+7.20)	3ERA	X	D1	8	23.400	0.000	14.850	0.004512
3ER(N+7.20)	3ERA	Y	D1	715	23.400	7.700	14.850	0.001077
3ER(N+7.20)	3ERA	X	D2	8	23.400	0.000	14.850	0.004512
3ER(N+7.20)	3ERA	Y	D2	715	23.400	7.700	14.850	0.001077
3ER(N+7.20)	3ERA	X	D3	8	23.400	0.000	14.850	0.004512
3ER(N+7.20)	3ERA	Y	D3	715	23.400	7.700	14.850	0.001077
3ER(N+7.20)	3ERA	X	D4	8	23.400	0.000	14.850	0.004512
3ER(N+7.20)	3ERA	Y	D4	715	23.400	7.700	14.850	0.001077
3ER(N+7.20)	3ERA	X	D5	8	23.400	0.000	14.850	0.001960
3ER(N+7.20)	3ERA	Y	D5	715	23.400	7.700	14.850	0.001651
3ER(N+7.20)	3ERA	X	D6	8	23.400	0.000	14.850	0.001960
3ER(N+7.20)	3ERA	Y	D6	715	23.400	7.700	14.850	0.001651
3ER(N+7.20)	3ERA	X	D7	8	23.400	0.000	14.850	0.001960
3ER(N+7.20)	3ERA	Y	D7	715	23.400	7.700	14.850	0.001651

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>				Calculó:	<b>ING. FABIO RIVERA</b>		
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>				Revisó:	<b>ING. JUAN C. PATIÑO</b>		
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>				Hoja:	<b>PAGINA 50 DE 398</b>		
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>				Fecha:	<b>OCTUBRE - 2014</b>		

3ER(N+7.20) 3ERA	X	D8	8	23.400	0.000	14.850	0.001960
3ER(N+7.20) 3ERA	Y	D8	715	23.400	7.700	14.850	0.001651
2DO(N+3.78) 2DO	X	D1	395	25.800	54.980	11.430	0.002252
2DO(N+3.78) 2DO	Y	D1	395	25.800	54.980	11.430	0.000953
2DO(N+3.78) 2DO	X	D2	395	25.800	54.980	11.430	0.002252
2DO(N+3.78) 2DO	Y	D2	395	25.800	54.980	11.430	0.000953
2DO(N+3.78) 2DO	X	D3	395	25.800	54.980	11.430	0.002252
2DO(N+3.78) 2DO	Y	D3	395	25.800	54.980	11.430	0.000953
2DO(N+3.78) 2DO	X	D4	395	25.800	54.980	11.430	0.002252
2DO(N+3.78) 2DO	Y	D4	395	25.800	54.980	11.430	0.000953
2DO(N+3.78) 2DO	X	D5	395	25.800	54.980	11.430	0.001583
2DO(N+3.78) 2DO	Y	D5	395	25.800	54.980	11.430	0.001306
2DO(N+3.78) 2DO	X	D6	395	25.800	54.980	11.430	0.001583
2DO(N+3.78) 2DO	Y	D6	395	25.800	54.980	11.430	0.001306
2DO(N+3.78) 2DO	X	D7	395	25.800	54.980	11.430	0.001583
2DO(N+3.78) 2DO	Y	D7	395	25.800	54.980	11.430	0.001306
2DO(N+3.78) 2DO	X	D8	395	25.800	54.980	11.430	0.001583
2DO(N+3.78) 2DO	Y	D8	395	25.800	54.980	11.430	0.001306
2DO(N+3.78) 2DOA	X	D1	8	23.400	0.000	11.430	0.003129
2DO(N+3.78) 2DOA	Y	D1	715	23.400	7.700	11.430	0.000857
2DO(N+3.78) 2DOA	X	D2	8	23.400	0.000	11.430	0.003129
2DO(N+3.78) 2DOA	Y	D2	715	23.400	7.700	11.430	0.000857
2DO(N+3.78) 2DOA	X	D3	8	23.400	0.000	11.430	0.003129
2DO(N+3.78) 2DOA	Y	D3	715	23.400	7.700	11.430	0.000857
2DO(N+3.78) 2DOA	X	D4	8	23.400	0.000	11.430	0.003129
2DO(N+3.78) 2DOA	Y	D4	715	23.400	7.700	11.430	0.000857
2DO(N+3.78) 2DOA	X	D5	8	23.400	0.000	11.430	0.001358
2DO(N+3.78) 2DOA	Y	D5	715	23.400	7.700	11.430	0.001291
2DO(N+3.78) 2DOA	X	D6	8	23.400	0.000	11.430	0.001358
2DO(N+3.78) 2DOA	Y	D6	715	23.400	7.700	11.430	0.001291
2DO(N+3.78) 2DOA	X	D7	8	23.400	0.000	11.430	0.001358
2DO(N+3.78) 2DOA	Y	D7	715	23.400	7.700	11.430	0.001291
2DO(N+3.78) 2DOA	X	D8	8	23.400	0.000	11.430	0.001358
2DO(N+3.78) 2DOA	Y	D8	715	23.400	7.700	11.430	0.001291
1ER (N+0.36) 1ERTOP	X	D1	385	21.450	52.980	8.010	0.001784
1ER (N+0.36) 1ERTOP	Y	D1	238	14.860	25.870	8.010	0.001413
1ER (N+0.36) 1ERTOP	X	D2	385	21.450	52.980	8.010	0.001784
1ER (N+0.36) 1ERTOP	Y	D2	238	14.860	25.870	8.010	0.001413
1ER (N+0.36) 1ERTOP	X	D3	385	21.450	52.980	8.010	0.001784
1ER (N+0.36) 1ERTOP	Y	D3	238	14.860	25.870	8.010	0.001413
1ER (N+0.36) 1ERTOP	X	D4	385	21.450	52.980	8.010	0.001784
1ER (N+0.36) 1ERTOP	Y	D4	238	14.860	25.870	8.010	0.001413
1ER (N+0.36) 1ERTOP	X	D5	328	-2.400	39.150	8.010	0.001296
1ER (N+0.36) 1ERTOP	Y	D5	238	14.860	25.870	8.010	0.001616
1ER (N+0.36) 1ERTOP	X	D6	328	-2.400	39.150	8.010	0.001296
1ER (N+0.36) 1ERTOP	Y	D6	238	14.860	25.870	8.010	0.001616

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 51 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36 1ERTOP	X	D7	328	-2.400	39.150	8.010	0.001296
1ER (N+0.36 1ERTOP	Y	D7	238	14.860	25.870	8.010	0.001616
1ER (N+0.36 1ERTOP	X	D8	328	-2.400	39.150	8.010	0.001296
1ER (N+0.36 1ERTOP	Y	D8	238	14.860	25.870	8.010	0.001616
1ER (N+0.36 1ERTOP1	X	D1	8	23.400	0.000	8.010	0.001498
1ER (N+0.36 1ERTOP1	Y	D1	715	23.400	7.700	8.010	0.000514
1ER (N+0.36 1ERTOP1	X	D2	8	23.400	0.000	8.010	0.001498
1ER (N+0.36 1ERTOP1	Y	D2	715	23.400	7.700	8.010	0.000514
1ER (N+0.36 1ERTOP1	X	D3	8	23.400	0.000	8.010	0.001498
1ER (N+0.36 1ERTOP1	Y	D3	715	23.400	7.700	8.010	0.000514
1ER (N+0.36 1ERTOP1	X	D4	8	23.400	0.000	8.010	0.001498
1ER (N+0.36 1ERTOP1	Y	D4	715	23.400	7.700	8.010	0.000514
1ER (N+0.36 1ERTOP1	X	D5	8	23.400	0.000	8.010	0.000646
1ER (N+0.36 1ERTOP1	Y	D5	715	23.400	7.700	8.010	0.000751
1ER (N+0.36 1ERTOP1	X	D6	8	23.400	0.000	8.010	0.000646
1ER (N+0.36 1ERTOP1	Y	D6	715	23.400	7.700	8.010	0.000751
1ER (N+0.36 1ERTOP1	X	D7	8	23.400	0.000	8.010	0.000646
1ER (N+0.36 1ERTOP1	Y	D7	715	23.400	7.700	8.010	0.000751
1ER (N+0.36 1ERTOP1	X	D8	8	23.400	0.000	8.010	0.000646
1ER (N+0.36 1ERTOP1	Y	D8	715	23.400	7.700	8.010	0.000751
1ER(N-0.49) 1ER	X	D1	211	23.400	21.800	7.160	0.000565
1ER(N-0.49) 1ER	Y	D1	211	23.400	21.800	7.160	0.000295
1ER(N-0.49) 1ER	X	D2	211	23.400	21.800	7.160	0.000565
1ER(N-0.49) 1ER	Y	D2	211	23.400	21.800	7.160	0.000295
1ER(N-0.49) 1ER	X	D3	211	23.400	21.800	7.160	0.000565
1ER(N-0.49) 1ER	Y	D3	211	23.400	21.800	7.160	0.000295
1ER(N-0.49) 1ER	X	D4	211	23.400	21.800	7.160	0.000565
1ER(N-0.49) 1ER	Y	D4	211	23.400	21.800	7.160	0.000295
1ER(N-0.49) 1ER	X	D5	211	23.400	21.800	7.160	0.000254
1ER(N-0.49) 1ER	Y	D5	211	23.400	21.800	7.160	0.000388
1ER(N-0.49) 1ER	X	D6	211	23.400	21.800	7.160	0.000254
1ER(N-0.49) 1ER	Y	D6	211	23.400	21.800	7.160	0.000388
1ER(N-0.49) 1ER	X	D7	211	23.400	21.800	7.160	0.000254
1ER(N-0.49) 1ER	Y	D7	211	23.400	21.800	7.160	0.000388
1ER(N-0.49) 1ER	X	D8	211	23.400	21.800	7.160	0.000254
1ER(N-0.49) 1ER	Y	D8	211	23.400	21.800	7.160	0.000388
SOT1(N-4.09 SOT1	X	D1	8	23.400	0.000	3.560	0.000149
SOT1(N-4.09 SOT1	Y	D1	89	23.400	10.000	3.560	0.000064
SOT1(N-4.09 SOT1	X	D2	8	23.400	0.000	3.560	0.000149
SOT1(N-4.09 SOT1	Y	D2	89	23.400	10.000	3.560	0.000064
SOT1(N-4.09 SOT1	X	D3	8	23.400	0.000	3.560	0.000149
SOT1(N-4.09 SOT1	Y	D3	89	23.400	10.000	3.560	0.000064
SOT1(N-4.09 SOT1	X	D4	8	23.400	0.000	3.560	0.000149
SOT1(N-4.09 SOT1	Y	D4	89	23.400	10.000	3.560	0.000064
SOT1(N-4.09 SOT1	X	D5	8	23.400	0.000	3.560	0.000086
SOT1(N-4.09 SOT1	Y	D5	89	23.400	10.000	3.560	0.000075

	Propietario:	SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA	Calculó:	ING. FABIO RIVERA
	Proyecto:	COLEGIO Y TEATRO EL ENSUEÑO	Revisó:	ING. JUAN C. PATIÑO
	Localización:	BOGOTA - CUNDINAMARCA	Hoja:	PAGINA 52 DE 398
	Contenido:	TEATRO - M. DE CALCULOS	Fecha:	OCTUBRE - 2014

SOT1(N-4.09 SOT1	X	D6	8	23.400	0.000	3.560	0.000086
SOT1(N-4.09 SOT1	Y	D6	89	23.400	10.000	3.560	0.000075
SOT1(N-4.09 SOT1	X	D7	8	23.400	0.000	3.560	0.000086
SOT1(N-4.09 SOT1	Y	D7	89	23.400	10.000	3.560	0.000075
SOT1(N-4.09 SOT1	X	D8	8	23.400	0.000	3.560	0.000086
SOT1(N-4.09 SOT1	Y	D8	89	23.400	10.000	3.560	0.000075

## DERIVAS PARA EL UMBRAL DE DAÑO

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### LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
DU1	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	1.0000
		UMBRALY	Spectra	0.3000
DU2	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	1.0000
		UMBRALY	Spectra	-0.3000
DU3	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	-1.0000
		UMBRALY	Spectra	0.3000
DU4	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	-1.0000
		UMBRALY	Spectra	-0.3000
DU5	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	0.3000
		UMBRALY	Spectra	1.0000
DU6	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	0.3000
		UMBRALY	Spectra	-1.0000
DU7	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	-0.3000
		UMBRALY	Spectra	1.0000
DU8	ADD	DEAD	Static	0.9000
		UMBRALX	Spectra	-0.3000
		UMBRALY	Spectra	-1.0000

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### DISPLACEMENTS AT DIAPHRAGM CENTER OF MASS

STORY	DIAPHRAGM	LOAD	POINT	X	Y	UX	UY	RZ
CB3(N+20.57	CUB3	DU1 Max	431	11.800	14.481	0.0267	0.0071	0.00077
CB3(N+20.57	CUB3	DU1 Min	431	11.800	14.481	-0.0269	-0.0076	-0.00082
CB3(N+20.57	CUB3	DU2 Max	431	11.800	14.481	0.0267	0.0071	0.00077
CB3(N+20.57	CUB3	DU2 Min	431	11.800	14.481	-0.0269	-0.0076	-0.00082
CB3(N+20.57	CUB3	DU3 Max	431	11.800	14.481	0.0267	0.0071	0.00077
CB3(N+20.57	CUB3	DU3 Min	431	11.800	14.481	-0.0269	-0.0076	-0.00082
CB3(N+20.57	CUB3	DU4 Max	431	11.800	14.481	0.0267	0.0071	0.00077
CB3(N+20.57	CUB3	DU4 Min	431	11.800	14.481	-0.0269	-0.0076	-0.00082
CB3(N+20.57	CUB3	DU5 Max	431	11.800	14.481	0.0092	0.0144	0.00062
CB3(N+20.57	CUB3	DU5 Min	431	11.800	14.481	-0.0093	-0.0149	-0.00067
CB3(N+20.57	CUB3	DU6 Max	431	11.800	14.481	0.0092	0.0144	0.00062
CB3(N+20.57	CUB3	DU6 Min	431	11.800	14.481	-0.0093	-0.0149	-0.00067
CB3(N+20.57	CUB3	DU7 Max	431	11.800	14.481	0.0092	0.0144	0.00062
CB3(N+20.57	CUB3	DU7 Min	431	11.800	14.481	-0.0093	-0.0149	-0.00067
CB3(N+20.57	CUB3	DU8 Max	431	11.800	14.481	0.0092	0.0144	0.00062
CB3(N+20.57	CUB3	DU8 Min	431	11.800	14.481	-0.0093	-0.0149	-0.00067



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 53 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60	CUB2	DU1 Max	432	11.700	31.216	0.0149	0.0044	0.00040
CB2(N+14.60	CUB2	DU1 Min	432	11.700	31.216	-0.0143	-0.0043	-0.00043
CB2(N+14.60	CUB2	DU2 Max	432	11.700	31.216	0.0149	0.0044	0.00040
CB2(N+14.60	CUB2	DU2 Min	432	11.700	31.216	-0.0143	-0.0043	-0.00043
CB2(N+14.60	CUB2	DU3 Max	432	11.700	31.216	0.0149	0.0044	0.00040
CB2(N+14.60	CUB2	DU3 Min	432	11.700	31.216	-0.0143	-0.0043	-0.00043
CB2(N+14.60	CUB2	DU4 Max	432	11.700	31.216	0.0149	0.0044	0.00040
CB2(N+14.60	CUB2	DU4 Min	432	11.700	31.216	-0.0143	-0.0043	-0.00043
CB2(N+14.60	CUB2	DU5 Max	432	11.700	31.216	0.0088	0.0086	0.00035
CB2(N+14.60	CUB2	DU5 Min	432	11.700	31.216	-0.0082	-0.0085	-0.00039
CB2(N+14.60	CUB2	DU6 Max	432	11.700	31.216	0.0088	0.0086	0.00035
CB2(N+14.60	CUB2	DU6 Min	432	11.700	31.216	-0.0082	-0.0085	-0.00039
CB2(N+14.60	CUB2	DU7 Max	432	11.700	31.216	0.0088	0.0086	0.00035
CB2(N+14.60	CUB2	DU7 Min	432	11.700	31.216	-0.0082	-0.0085	-0.00039
CB2(N+14.60	CUB2	DU8 Max	432	11.700	31.216	0.0088	0.0086	0.00035
CB2(N+14.60	CUB2	DU8 Min	432	11.700	31.216	-0.0082	-0.0085	-0.00039
CB1(N+11.30	CUB1	DU1 Max	433	13.314	37.526	0.0119	0.0035	0.00030
CB1(N+11.30	CUB1	DU1 Min	433	13.314	37.526	-0.0113	-0.0035	-0.00033
CB1(N+11.30	CUB1	DU2 Max	433	13.314	37.526	0.0119	0.0035	0.00030
CB1(N+11.30	CUB1	DU2 Min	433	13.314	37.526	-0.0113	-0.0035	-0.00033
CB1(N+11.30	CUB1	DU3 Max	433	13.314	37.526	0.0119	0.0035	0.00030
CB1(N+11.30	CUB1	DU3 Min	433	13.314	37.526	-0.0113	-0.0035	-0.00033
CB1(N+11.30	CUB1	DU4 Max	433	13.314	37.526	0.0119	0.0035	0.00030
CB1(N+11.30	CUB1	DU4 Min	433	13.314	37.526	-0.0113	-0.0035	-0.00033
CB1(N+11.30	CUB1	DU5 Max	433	13.314	37.526	0.0084	0.0066	0.00027
CB1(N+11.30	CUB1	DU5 Min	433	13.314	37.526	-0.0077	-0.0066	-0.00030
CB1(N+11.30	CUB1	DU6 Max	433	13.314	37.526	0.0084	0.0066	0.00027
CB1(N+11.30	CUB1	DU6 Min	433	13.314	37.526	-0.0077	-0.0066	-0.00030
CB1(N+11.30	CUB1	DU7 Max	433	13.314	37.526	0.0084	0.0066	0.00027
CB1(N+11.30	CUB1	DU7 Min	433	13.314	37.526	-0.0077	-0.0066	-0.00030
CB1(N+11.30	CUB1	DU8 Max	433	13.314	37.526	0.0084	0.0066	0.00027
CB1(N+11.30	CUB1	DU8 Min	433	13.314	37.526	-0.0077	-0.0066	-0.00030
CB1(N+11.30	CUB1A	DU1 Max	434	11.792	4.329	0.0208	0.0037	0.00029
CB1(N+11.30	CUB1A	DU1 Min	434	11.792	4.329	-0.0205	-0.0034	-0.00033
CB1(N+11.30	CUB1A	DU2 Max	434	11.792	4.329	0.0208	0.0037	0.00029
CB1(N+11.30	CUB1A	DU2 Min	434	11.792	4.329	-0.0205	-0.0034	-0.00033
CB1(N+11.30	CUB1A	DU3 Max	434	11.792	4.329	0.0208	0.0037	0.00029
CB1(N+11.30	CUB1A	DU3 Min	434	11.792	4.329	-0.0205	-0.0034	-0.00033
CB1(N+11.30	CUB1A	DU4 Max	434	11.792	4.329	0.0208	0.0037	0.00029
CB1(N+11.30	CUB1A	DU4 Min	434	11.792	4.329	-0.0205	-0.0034	-0.00033
CB1(N+11.30	CUB1A	DU5 Max	434	11.792	4.329	0.0095	0.0071	0.00028
CB1(N+11.30	CUB1A	DU5 Min	434	11.792	4.329	-0.0093	-0.0068	-0.00031
CB1(N+11.30	CUB1A	DU6 Max	434	11.792	4.329	0.0095	0.0071	0.00028
CB1(N+11.30	CUB1A	DU6 Min	434	11.792	4.329	-0.0093	-0.0068	-0.00031
CB1(N+11.30	CUB1A	DU7 Max	434	11.792	4.329	0.0095	0.0071	0.00028
CB1(N+11.30	CUB1A	DU7 Min	434	11.792	4.329	-0.0093	-0.0068	-0.00031
CB1(N+11.30	CUB1A	DU8 Max	434	11.792	4.329	0.0095	0.0071	0.00028
CB1(N+11.30	CUB1A	DU8 Min	434	11.792	4.329	-0.0093	-0.0068	-0.00031
3ER(N+7.20)	3ER	DU1 Max	435	13.389	35.388	0.0077	0.0023	0.00019
3ER(N+7.20)	3ER	DU1 Min	435	13.389	35.388	-0.0073	-0.0023	-0.00021
3ER(N+7.20)	3ER	DU2 Max	435	13.389	35.388	0.0077	0.0023	0.00019
3ER(N+7.20)	3ER	DU2 Min	435	13.389	35.388	-0.0073	-0.0023	-0.00021
3ER(N+7.20)	3ER	DU3 Max	435	13.389	35.388	0.0077	0.0023	0.00019
3ER(N+7.20)	3ER	DU3 Min	435	13.389	35.388	-0.0073	-0.0023	-0.00021
3ER(N+7.20)	3ER	DU4 Max	435	13.389	35.388	0.0077	0.0023	0.00019
3ER(N+7.20)	3ER	DU4 Min	435	13.389	35.388	-0.0073	-0.0023	-0.00021
3ER(N+7.20)	3ER	DU5 Max	435	13.389	35.388	0.0052	0.0042	0.00018
3ER(N+7.20)	3ER	DU5 Min	435	13.389	35.388	-0.0048	-0.0042	-0.00020
3ER(N+7.20)	3ER	DU6 Max	435	13.389	35.388	0.0052	0.0042	0.00018
3ER(N+7.20)	3ER	DU6 Min	435	13.389	35.388	-0.0048	-0.0042	-0.00020
3ER(N+7.20)	3ER	DU7 Max	435	13.389	35.388	0.0052	0.0042	0.00018
3ER(N+7.20)	3ER	DU7 Min	435	13.389	35.388	-0.0048	-0.0042	-0.00020
3ER(N+7.20)	3ER	DU8 Max	435	13.389	35.388	0.0052	0.0042	0.00018
3ER(N+7.20)	3ER	DU8 Min	435	13.389	35.388	-0.0048	-0.0042	-0.00020





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 54 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


3ER(N+7.20)	3ERA	DU1 Max	436	11.886	3.998	0.0128	0.0023	0.00018
3ER(N+7.20)	3ERA	DU1 Min	436	11.886	3.998	-0.0126	-0.0021	-0.00019
3ER(N+7.20)	3ERA	DU2 Max	436	11.886	3.998	0.0128	0.0023	0.00018
3ER(N+7.20)	3ERA	DU2 Min	436	11.886	3.998	-0.0126	-0.0021	-0.00019
3ER(N+7.20)	3ERA	DU3 Max	436	11.886	3.998	0.0128	0.0023	0.00018
3ER(N+7.20)	3ERA	DU3 Min	436	11.886	3.998	-0.0126	-0.0021	-0.00019
3ER(N+7.20)	3ERA	DU4 Max	436	11.886	3.998	0.0128	0.0023	0.00018
3ER(N+7.20)	3ERA	DU4 Min	436	11.886	3.998	-0.0126	-0.0021	-0.00019
3ER(N+7.20)	3ERA	DU5 Max	436	11.886	3.998	0.0058	0.0043	0.00017
3ER(N+7.20)	3ERA	DU5 Min	436	11.886	3.998	-0.0056	-0.0042	-0.00019
3ER(N+7.20)	3ERA	DU6 Max	436	11.886	3.998	0.0058	0.0043	0.00017
3ER(N+7.20)	3ERA	DU6 Min	436	11.886	3.998	-0.0056	-0.0042	-0.00019
3ER(N+7.20)	3ERA	DU7 Max	436	11.886	3.998	0.0058	0.0043	0.00017
3ER(N+7.20)	3ERA	DU7 Min	436	11.886	3.998	-0.0056	-0.0042	-0.00019
3ER(N+7.20)	3ERA	DU8 Max	436	11.886	3.998	0.0058	0.0043	0.00017
3ER(N+7.20)	3ERA	DU8 Min	436	11.886	3.998	-0.0056	-0.0042	-0.00019

2DO(N+3.78)	2DO	DU1 Max	437	13.171	37.523	0.0044	0.0013	0.00010
2DO(N+3.78)	2DO	DU1 Min	437	13.171	37.523	-0.0042	-0.0012	-0.00011
2DO(N+3.78)	2DO	DU2 Max	437	13.171	37.523	0.0044	0.0013	0.00010
2DO(N+3.78)	2DO	DU2 Min	437	13.171	37.523	-0.0042	-0.0012	-0.00011
2DO(N+3.78)	2DO	DU3 Max	437	13.171	37.523	0.0044	0.0013	0.00010
2DO(N+3.78)	2DO	DU3 Min	437	13.171	37.523	-0.0042	-0.0012	-0.00011
2DO(N+3.78)	2DO	DU4 Max	437	13.171	37.523	0.0044	0.0013	0.00010
2DO(N+3.78)	2DO	DU4 Min	437	13.171	37.523	-0.0042	-0.0012	-0.00011
2DO(N+3.78)	2DO	DU5 Max	437	13.171	37.523	0.0031	0.0024	0.00010
2DO(N+3.78)	2DO	DU5 Min	437	13.171	37.523	-0.0029	-0.0023	-0.00011
2DO(N+3.78)	2DO	DU6 Max	437	13.171	37.523	0.0031	0.0024	0.00010
2DO(N+3.78)	2DO	DU6 Min	437	13.171	37.523	-0.0029	-0.0023	-0.00011
2DO(N+3.78)	2DO	DU7 Max	437	13.171	37.523	0.0031	0.0024	0.00010
2DO(N+3.78)	2DO	DU7 Min	437	13.171	37.523	-0.0029	-0.0023	-0.00011
2DO(N+3.78)	2DO	DU8 Max	437	13.171	37.523	0.0031	0.0024	0.00010
2DO(N+3.78)	2DO	DU8 Min	437	13.171	37.523	-0.0029	-0.0023	-0.00011

2DO(N+3.78)	2DOA	DU1 Max	438	11.937	4.235	0.0060	0.0012	0.00009
2DO(N+3.78)	2DOA	DU1 Min	438	11.937	4.235	-0.0059	-0.0011	-0.00010
2DO(N+3.78)	2DOA	DU2 Max	438	11.937	4.235	0.0060	0.0012	0.00009
2DO(N+3.78)	2DOA	DU2 Min	438	11.937	4.235	-0.0059	-0.0011	-0.00010
2DO(N+3.78)	2DOA	DU3 Max	438	11.937	4.235	0.0060	0.0012	0.00009
2DO(N+3.78)	2DOA	DU3 Min	438	11.937	4.235	-0.0059	-0.0011	-0.00010
2DO(N+3.78)	2DOA	DU4 Max	438	11.937	4.235	0.0060	0.0012	0.00009
2DO(N+3.78)	2DOA	DU4 Min	438	11.937	4.235	-0.0059	-0.0011	-0.00010
2DO(N+3.78)	2DOA	DU5 Max	438	11.937	4.235	0.0027	0.0023	0.00009
2DO(N+3.78)	2DOA	DU5 Min	438	11.937	4.235	-0.0025	-0.0022	-0.00010
2DO(N+3.78)	2DOA	DU6 Max	438	11.937	4.235	0.0027	0.0023	0.00009
2DO(N+3.78)	2DOA	DU6 Min	438	11.937	4.235	-0.0025	-0.0022	-0.00010
2DO(N+3.78)	2DOA	DU7 Max	438	11.937	4.235	0.0027	0.0023	0.00009
2DO(N+3.78)	2DOA	DU7 Min	438	11.937	4.235	-0.0025	-0.0022	-0.00010
2DO(N+3.78)	2DOA	DU8 Max	438	11.937	4.235	0.0027	0.0023	0.00009
2DO(N+3.78)	2DOA	DU8 Min	438	11.937	4.235	-0.0025	-0.0022	-0.00010

1ER (N+0.36)	1ERTOP	DU1 Max	439	13.033	37.916	0.0017	0.0005	0.00003
1ER (N+0.36)	1ERTOP	DU1 Min	439	13.033	37.916	-0.0016	-0.0005	-0.00004
1ER (N+0.36)	1ERTOP	DU2 Max	439	13.033	37.916	0.0017	0.0005	0.00003
1ER (N+0.36)	1ERTOP	DU2 Min	439	13.033	37.916	-0.0016	-0.0005	-0.00004
1ER (N+0.36)	1ERTOP	DU3 Max	439	13.033	37.916	0.0017	0.0005	0.00003
1ER (N+0.36)	1ERTOP	DU3 Min	439	13.033	37.916	-0.0016	-0.0005	-0.00004
1ER (N+0.36)	1ERTOP	DU4 Max	439	13.033	37.916	0.0017	0.0005	0.00003
1ER (N+0.36)	1ERTOP	DU4 Min	439	13.033	37.916	-0.0016	-0.0005	-0.00004
1ER (N+0.36)	1ERTOP	DU5 Max	439	13.033	37.916	0.0012	0.0008	0.00003
1ER (N+0.36)	1ERTOP	DU5 Min	439	13.033	37.916	-0.0011	-0.0008	-0.00004
1ER (N+0.36)	1ERTOP	DU6 Max	439	13.033	37.916	0.0012	0.0008	0.00003
1ER (N+0.36)	1ERTOP	DU6 Min	439	13.033	37.916	-0.0011	-0.0008	-0.00004
1ER (N+0.36)	1ERTOP	DU7 Max	439	13.033	37.916	0.0012	0.0008	0.00003
1ER (N+0.36)	1ERTOP	DU7 Min	439	13.033	37.916	-0.0011	-0.0008	-0.00004
1ER (N+0.36)	1ERTOP	DU8 Max	439	13.033	37.916	0.0012	0.0008	0.00003
1ER (N+0.36)	1ERTOP	DU8 Min	439	13.033	37.916	-0.0011	-0.0008	-0.00004

1ER (N+0.36)	1ERTOP1	DU1 Max	440	11.922	3.560	0.0013	0.0004	0.00003
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	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 55 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36 1ERTOP1	DU1 Min	440	11.922	3.560	-0.0013	-0.0004	-0.00003
1ER (N+0.36 1ERTOP1	DU2 Max	440	11.922	3.560	0.0013	0.0004	0.00003
1ER (N+0.36 1ERTOP1	DU2 Min	440	11.922	3.560	-0.0013	-0.0004	-0.00003
1ER (N+0.36 1ERTOP1	DU3 Max	440	11.922	3.560	0.0013	0.0004	0.00003
1ER (N+0.36 1ERTOP1	DU3 Min	440	11.922	3.560	-0.0013	-0.0004	-0.00003
1ER (N+0.36 1ERTOP1	DU4 Max	440	11.922	3.560	0.0013	0.0004	0.00003
1ER (N+0.36 1ERTOP1	DU4 Min	440	11.922	3.560	-0.0013	-0.0004	-0.00003
1ER (N+0.36 1ERTOP1	DU5 Max	440	11.922	3.560	0.0006	0.0007	0.00003
1ER (N+0.36 1ERTOP1	DU5 Min	440	11.922	3.560	-0.0005	-0.0006	-0.00003
1ER (N+0.36 1ERTOP1	DU6 Max	440	11.922	3.560	0.0006	0.0007	0.00003
1ER (N+0.36 1ERTOP1	DU6 Min	440	11.922	3.560	-0.0005	-0.0006	-0.00003
1ER (N+0.36 1ERTOP1	DU7 Max	440	11.922	3.560	0.0006	0.0007	0.00003
1ER (N+0.36 1ERTOP1	DU7 Min	440	11.922	3.560	-0.0005	-0.0006	-0.00003
1ER (N+0.36 1ERTOP1	DU8 Max	440	11.922	3.560	0.0006	0.0007	0.00003
1ER (N+0.36 1ERTOP1	DU8 Min	440	11.922	3.560	-0.0005	-0.0006	-0.00003


1ER(N-0.49) 1ER	DU1 Max	441	11.662	10.054	0.0008	0.0003	0.00002
1ER(N-0.49) 1ER	DU1 Min	441	11.662	10.054	-0.0007	-0.0002	-0.00002
1ER(N-0.49) 1ER	DU2 Max	441	11.662	10.054	0.0008	0.0003	0.00002
1ER(N-0.49) 1ER	DU2 Min	441	11.662	10.054	-0.0007	-0.0002	-0.00002
1ER(N-0.49) 1ER	DU3 Max	441	11.662	10.054	0.0008	0.0003	0.00002
1ER(N-0.49) 1ER	DU3 Min	441	11.662	10.054	-0.0007	-0.0002	-0.00002
1ER(N-0.49) 1ER	DU4 Max	441	11.662	10.054	0.0008	0.0003	0.00002
1ER(N-0.49) 1ER	DU4 Min	441	11.662	10.054	-0.0007	-0.0002	-0.00002
1ER(N-0.49) 1ER	DU5 Max	441	11.662	10.054	0.0003	0.0005	0.00002
1ER(N-0.49) 1ER	DU5 Min	441	11.662	10.054	-0.0003	-0.0004	-0.00002
1ER(N-0.49) 1ER	DU6 Max	441	11.662	10.054	0.0003	0.0005	0.00002
1ER(N-0.49) 1ER	DU6 Min	441	11.662	10.054	-0.0003	-0.0004	-0.00002
1ER(N-0.49) 1ER	DU7 Max	441	11.662	10.054	0.0003	0.0005	0.00002
1ER(N-0.49) 1ER	DU7 Min	441	11.662	10.054	-0.0003	-0.0004	-0.00002
1ER(N-0.49) 1ER	DU8 Max	441	11.662	10.054	0.0003	0.0005	0.00002
1ER(N-0.49) 1ER	DU8 Min	441	11.662	10.054	-0.0003	-0.0004	-0.00002

SOT1(N-4.09 SOT1	DU1 Max	442	15.354	7.210	0.0002	0.0000	0.00001
SOT1(N-4.09 SOT1	DU1 Min	442	15.354	7.210	-0.0002	-0.0001	-0.00001
SOT1(N-4.09 SOT1	DU2 Max	442	15.354	7.210	0.0002	0.0000	0.00001
SOT1(N-4.09 SOT1	DU2 Min	442	15.354	7.210	-0.0002	-0.0001	-0.00001
SOT1(N-4.09 SOT1	DU3 Max	442	15.354	7.210	0.0002	0.0000	0.00001
SOT1(N-4.09 SOT1	DU3 Min	442	15.354	7.210	-0.0002	-0.0001	-0.00001
SOT1(N-4.09 SOT1	DU4 Max	442	15.354	7.210	0.0002	0.0000	0.00001
SOT1(N-4.09 SOT1	DU4 Min	442	15.354	7.210	-0.0002	-0.0001	-0.00001
SOT1(N-4.09 SOT1	DU5 Max	442	15.354	7.210	0.0001	0.0001	0.00001
SOT1(N-4.09 SOT1	DU5 Min	442	15.354	7.210	-0.0001	-0.0001	-0.00001
SOT1(N-4.09 SOT1	DU6 Max	442	15.354	7.210	0.0001	0.0001	0.00001
SOT1(N-4.09 SOT1	DU6 Min	442	15.354	7.210	-0.0001	-0.0001	-0.00001
SOT1(N-4.09 SOT1	DU7 Max	442	15.354	7.210	0.0001	0.0001	0.00001
SOT1(N-4.09 SOT1	DU7 Min	442	15.354	7.210	-0.0001	-0.0001	-0.00001
SOT1(N-4.09 SOT1	DU8 Max	442	15.354	7.210	0.0001	0.0001	0.00001
SOT1(N-4.09 SOT1	DU8 Min	442	15.354	7.210	-0.0001	-0.0001	-0.00001

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# S T O R Y D R I F T S

STORY	DIRECTION	LOAD	POINT	X	Y	Z	MAX DRIFT
CB3(N+20.57	X	DU1	173	23.400	20.000	28.230	0.001564
CB3(N+20.57	Y	DU1	211	23.400	21.800	28.230	0.001111
CB3(N+20.57	X	DU2	173	23.400	20.000	28.230	0.001564
CB3(N+20.57	Y	DU2	211	23.400	21.800	28.230	0.001111
CB3(N+20.57	X	DU3	173	23.400	20.000	28.230	0.001564
CB3(N+20.57	Y	DU3	211	23.400	21.800	28.230	0.001111
CB3(N+20.57	X	DU4	173	23.400	20.000	28.230	0.001564
CB3(N+20.57	Y	DU4	211	23.400	21.800	28.230	0.001111


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>			Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>			Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>			Hoja:	<b>PAGINA 56 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>			Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57 Y	DU5	188	0.000	21.800	28.230	0.001442
CB3(N+20.57 Y	DU6	188	0.000	21.800	28.230	0.001442
CB3(N+20.57 Y	DU7	188	0.000	21.800	28.230	0.001442
CB3(N+20.57 Y	DU8	188	0.000	21.800	28.230	0.001442
CB2(N+14.60 X	DU1	33	0.000	5.500	22.260	0.001846
CB2(N+14.60 X	DU2	33	0.000	5.500	22.260	0.001846
CB2(N+14.60 X	DU3	33	0.000	5.500	22.260	0.001846
CB2(N+14.60 X	DU4	33	0.000	5.500	22.260	0.001846
CB2(N+14.60 X	DU5	33	0.000	5.500	22.260	0.000920
CB2(N+14.60 Y	DU5	61	11.700	8.200	22.260	0.001366
CB2(N+14.60 X	DU6	33	0.000	5.500	22.260	0.000920
CB2(N+14.60 Y	DU6	61	11.700	8.200	22.260	0.001366
CB2(N+14.60 X	DU7	33	0.000	5.500	22.260	0.000920
CB2(N+14.60 Y	DU7	61	11.700	8.200	22.260	0.001366
CB2(N+14.60 X	DU8	33	0.000	5.500	22.260	0.000920
CB2(N+14.60 Y	DU8	61	11.700	8.200	22.260	0.001366
CB1(N+11.30 X	DU1	8	23.400	0.000	18.960	0.002085
CB1(N+11.30 X	DU2	8	23.400	0.000	18.960	0.002085
CB1(N+11.30 X	DU3	8	23.400	0.000	18.960	0.002085
CB1(N+11.30 X	DU4	8	23.400	0.000	18.960	0.002085
CB1(N+11.30 X	DU5	8	23.400	0.000	18.960	0.001029
CB1(N+11.30 Y	DU5	1	0.000	0.000	18.960	0.000872
CB1(N+11.30 X	DU6	8	23.400	0.000	18.960	0.001029
CB1(N+11.30 Y	DU6	1	0.000	0.000	18.960	0.000872
CB1(N+11.30 X	DU7	8	23.400	0.000	18.960	0.001029
CB1(N+11.30 Y	DU7	1	0.000	0.000	18.960	0.000872
CB1(N+11.30 X	DU8	8	23.400	0.000	18.960	0.001029
CB1(N+11.30 Y	DU8	1	0.000	0.000	18.960	0.000872
3ER(N+7.20) X	DU1	8	23.400	0.000	14.850	0.002055
3ER(N+7.20) X	DU2	8	23.400	0.000	14.850	0.002055
3ER(N+7.20) X	DU3	8	23.400	0.000	14.850	0.002055
3ER(N+7.20) X	DU4	8	23.400	0.000	14.850	0.002055
3ER(N+7.20) X	DU5	395	25.800	54.980	14.850	0.001056
3ER(N+7.20) Y	DU5	1	0.000	0.000	14.850	0.000777
3ER(N+7.20) X	DU6	395	25.800	54.980	14.850	0.001056
3ER(N+7.20) Y	DU6	1	0.000	0.000	14.850	0.000777
3ER(N+7.20) X	DU7	395	25.800	54.980	14.850	0.001056
3ER(N+7.20) Y	DU7	1	0.000	0.000	14.850	0.000777
3ER(N+7.20) X	DU8	395	25.800	54.980	14.850	0.001056
3ER(N+7.20) Y	DU8	1	0.000	0.000	14.850	0.000777
2DO(N+3.78) X	DU1	8	23.400	0.000	11.430	0.001427
2DO(N+3.78) X	DU2	8	23.400	0.000	11.430	0.001427
2DO(N+3.78) X	DU3	8	23.400	0.000	11.430	0.001427
2DO(N+3.78) X	DU4	8	23.400	0.000	11.430	0.001427
2DO(N+3.78) X	DU5	395	25.800	54.980	11.430	0.000887
2DO(N+3.78) Y	DU5	328	-2.400	39.150	11.430	0.000603



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 57 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO(N+3.78) X	DU6	395	25.800	54.980	11.430	0.000887
2DO(N+3.78) Y	DU6	328	-2.400	39.150	11.430	0.000603
2DO(N+3.78) X	DU7	395	25.800	54.980	11.430	0.000887
2DO(N+3.78) Y	DU7	328	-2.400	39.150	11.430	0.000603
2DO(N+3.78) X	DU8	395	25.800	54.980	11.430	0.000887
2DO(N+3.78) Y	DU8	328	-2.400	39.150	11.430	0.000603
1ER (N+0.36 X	DU1	328	-2.400	39.150	8.010	0.001108
1ER (N+0.36 Y	DU1	238	14.860	25.870	8.010	0.001286
1ER (N+0.36 X	DU2	328	-2.400	39.150	8.010	0.001108
1ER (N+0.36 Y	DU2	238	14.860	25.870	8.010	0.001286
1ER (N+0.36 X	DU3	328	-2.400	39.150	8.010	0.001108
1ER (N+0.36 Y	DU3	238	14.860	25.870	8.010	0.001286
1ER (N+0.36 X	DU4	328	-2.400	39.150	8.010	0.001108
1ER (N+0.36 Y	DU4	238	14.860	25.870	8.010	0.001286
1ER (N+0.36 X	DU5	328	-2.400	39.150	8.010	0.000945
1ER (N+0.36 Y	DU5	238	14.860	25.870	8.010	0.001358
1ER (N+0.36 X	DU6	328	-2.400	39.150	8.010	0.000945
1ER (N+0.36 Y	DU6	238	14.860	25.870	8.010	0.001358
1ER (N+0.36 X	DU7	328	-2.400	39.150	8.010	0.000945
1ER (N+0.36 Y	DU7	238	14.860	25.870	8.010	0.001358
1ER (N+0.36 X	DU8	328	-2.400	39.150	8.010	0.000945
1ER (N+0.36 Y	DU8	238	14.860	25.870	8.010	0.001358
1ER(N-0.49) X	DU1	363	-0.950	43.152	7.160	0.000968
1ER(N-0.49) Y	DU1	363	-0.950	43.152	7.160	0.001190
1ER(N-0.49) X	DU2	363	-0.950	43.152	7.160	0.000968
1ER(N-0.49) Y	DU2	363	-0.950	43.152	7.160	0.001190
1ER(N-0.49) X	DU3	363	-0.950	43.152	7.160	0.000968
1ER(N-0.49) Y	DU3	363	-0.950	43.152	7.160	0.001190
1ER(N-0.49) X	DU4	363	-0.950	43.152	7.160	0.000968
1ER(N-0.49) Y	DU4	363	-0.950	43.152	7.160	0.001190
1ER(N-0.49) X	DU5	363	-0.950	43.152	7.160	0.001056
1ER(N-0.49) Y	DU5	363	-0.950	43.152	7.160	0.001254
1ER(N-0.49) X	DU6	363	-0.950	43.152	7.160	0.001056
1ER(N-0.49) Y	DU6	363	-0.950	43.152	7.160	0.001254
1ER(N-0.49) X	DU7	363	-0.950	43.152	7.160	0.001056
1ER(N-0.49) Y	DU7	363	-0.950	43.152	7.160	0.001254
1ER(N-0.49) X	DU8	363	-0.950	43.152	7.160	0.001056
1ER(N-0.49) Y	DU8	363	-0.950	43.152	7.160	0.001254
SOT1(N-4.09 X	DU1	3	5.400	0.000	3.560	0.000100
SOT1(N-4.09 X	DU2	3	5.400	0.000	3.560	0.000100
SOT1(N-4.09 X	DU3	3	5.400	0.000	3.560	0.000100
SOT1(N-4.09 X	DU4	3	5.400	0.000	3.560	0.000100
SOT1(N-4.09 X	DU5	3	5.400	0.000	3.560	0.000051
SOT1(N-4.09 Y	DU5	40	23.400	5.500	3.560	0.000037
SOT1(N-4.09 X	DU6	3	5.400	0.000	3.560	0.000051
SOT1(N-4.09 Y	DU6	40	23.400	5.500	3.560	0.000037


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 58 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 X	DU7	3	5.400	0.000	3.560	0.000051
SOT1(N-4.09 Y	DU7	40	23.400	5.500	3.560	0.000037
SOT1(N-4.09 X	DU8	3	5.400	0.000	3.560	0.000051
SOT1(N-4.09 Y	DU8	40	23.400	5.500	3.560	0.000037


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D I A P H R A G M D R I F T S


STORY	DIAPHRAGM	DIRECTION	LOAD	POINT	X	Y	Z	MAX DRIFT
CB3(N+20.57	CUB3	X	DU1	173	23.400	20.000	28.230	0.001564
CB3(N+20.57	CUB3	Y	DU1	211	23.400	21.800	28.230	0.001111
CB3(N+20.57	CUB3	X	DU2	173	23.400	20.000	28.230	0.001564
CB3(N+20.57	CUB3	Y	DU2	211	23.400	21.800	28.230	0.001111
CB3(N+20.57	CUB3	X	DU3	173	23.400	20.000	28.230	0.001564
CB3(N+20.57	CUB3	Y	DU3	211	23.400	21.800	28.230	0.001111
CB3(N+20.57	CUB3	X	DU4	173	23.400	20.000	28.230	0.001564
CB3(N+20.57	CUB3	Y	DU4	211	23.400	21.800	28.230	0.001111
CB3(N+20.57	CUB3	X	DU5	40	23.400	5.500	28.230	0.000641
CB3(N+20.57	CUB3	Y	DU5	188	0.000	21.800	28.230	0.001442
CB3(N+20.57	CUB3	X	DU6	40	23.400	5.500	28.230	0.000641
CB3(N+20.57	CUB3	Y	DU6	188	0.000	21.800	28.230	0.001442
CB3(N+20.57	CUB3	X	DU7	40	23.400	5.500	28.230	0.000641
CB3(N+20.57	CUB3	Y	DU7	188	0.000	21.800	28.230	0.001442
CB3(N+20.57	CUB3	X	DU8	40	23.400	5.500	28.230	0.000641
CB3(N+20.57	CUB3	Y	DU8	188	0.000	21.800	28.230	0.001442
CB2(N+14.60	CUB2	X	DU1	173	23.400	20.000	22.260	0.001134
CB2(N+14.60	CUB2	Y	DU1	272	25.069	31.313	22.260	0.000592
CB2(N+14.60	CUB2	X	DU2	173	23.400	20.000	22.260	0.001134
CB2(N+14.60	CUB2	Y	DU2	272	25.069	31.313	22.260	0.000592
CB2(N+14.60	CUB2	X	DU3	173	23.400	20.000	22.260	0.001134
CB2(N+14.60	CUB2	Y	DU3	272	25.069	31.313	22.260	0.000592
CB2(N+14.60	CUB2	X	DU4	173	23.400	20.000	22.260	0.001134
CB2(N+14.60	CUB2	Y	DU4	272	25.069	31.313	22.260	0.000592
CB2(N+14.60	CUB2	X	DU5	371	18.373	45.025	22.260	0.000774
CB2(N+14.60	CUB2	Y	DU5	228	-1.669	25.213	22.260	0.000830
CB2(N+14.60	CUB2	X	DU6	371	18.373	45.025	22.260	0.000774
CB2(N+14.60	CUB2	Y	DU6	228	-1.669	25.213	22.260	0.000830
CB2(N+14.60	CUB2	X	DU7	371	18.373	45.025	22.260	0.000774
CB2(N+14.60	CUB2	Y	DU7	228	-1.669	25.213	22.260	0.000830
CB2(N+14.60	CUB2	X	DU8	371	18.373	45.025	22.260	0.000774
CB2(N+14.60	CUB2	Y	DU8	228	-1.669	25.213	22.260	0.000830
CB1(N+11.30	CUB1	X	DU1	395	25.800	54.980	18.960	0.001119
CB1(N+11.30	CUB1	Y	DU1	395	25.800	54.980	18.960	0.000578
CB1(N+11.30	CUB1	X	DU2	395	25.800	54.980	18.960	0.001119
CB1(N+11.30	CUB1	Y	DU2	395	25.800	54.980	18.960	0.000578
CB1(N+11.30	CUB1	X	DU3	395	25.800	54.980	18.960	0.001119
CB1(N+11.30	CUB1	Y	DU3	395	25.800	54.980	18.960	0.000578

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 59 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30	CUB1	X	DU4	395	25.800	54.980	18.960	0.001119
CB1(N+11.30	CUB1	Y	DU4	395	25.800	54.980	18.960	0.000578
CB1(N+11.30	CUB1	X	DU5	395	25.800	54.980	18.960	0.001022
CB1(N+11.30	CUB1	Y	DU5	346	-2.400	42.900	18.960	0.000791
CB1(N+11.30	CUB1	X	DU6	395	25.800	54.980	18.960	0.001022
CB1(N+11.30	CUB1	Y	DU6	346	-2.400	42.900	18.960	0.000791
CB1(N+11.30	CUB1	X	DU7	395	25.800	54.980	18.960	0.001022
CB1(N+11.30	CUB1	Y	DU7	346	-2.400	42.900	18.960	0.000791
CB1(N+11.30	CUB1	X	DU8	395	25.800	54.980	18.960	0.001022
CB1(N+11.30	CUB1	Y	DU8	346	-2.400	42.900	18.960	0.000791
CB1(N+11.30	CUB1A	X	DU1	8	23.400	0.000	18.960	0.002085
CB1(N+11.30	CUB1A	Y	DU1	715	23.400	7.700	18.960	0.000586
CB1(N+11.30	CUB1A	X	DU2	8	23.400	0.000	18.960	0.002085
CB1(N+11.30	CUB1A	Y	DU2	715	23.400	7.700	18.960	0.000586
CB1(N+11.30	CUB1A	X	DU3	8	23.400	0.000	18.960	0.002085
CB1(N+11.30	CUB1A	Y	DU3	715	23.400	7.700	18.960	0.000586
CB1(N+11.30	CUB1A	X	DU4	8	23.400	0.000	18.960	0.002085
CB1(N+11.30	CUB1A	Y	DU4	715	23.400	7.700	18.960	0.000586
CB1(N+11.30	CUB1A	X	DU5	8	23.400	0.000	18.960	0.001029
CB1(N+11.30	CUB1A	Y	DU5	1	0.000	0.000	18.960	0.000872
CB1(N+11.30	CUB1A	X	DU6	8	23.400	0.000	18.960	0.001029
CB1(N+11.30	CUB1A	Y	DU6	1	0.000	0.000	18.960	0.000872
CB1(N+11.30	CUB1A	X	DU7	8	23.400	0.000	18.960	0.001029
CB1(N+11.30	CUB1A	Y	DU7	1	0.000	0.000	18.960	0.000872
CB1(N+11.30	CUB1A	X	DU8	8	23.400	0.000	18.960	0.001029
CB1(N+11.30	CUB1A	Y	DU8	1	0.000	0.000	18.960	0.000872
3ER(N+7.20)	3ER	X	DU1	395	25.800	54.980	14.850	0.001169
3ER(N+7.20)	3ER	Y	DU1	368	25.800	44.780	14.850	0.000553
3ER(N+7.20)	3ER	X	DU2	395	25.800	54.980	14.850	0.001169
3ER(N+7.20)	3ER	Y	DU2	368	25.800	44.780	14.850	0.000553
3ER(N+7.20)	3ER	X	DU3	395	25.800	54.980	14.850	0.001169
3ER(N+7.20)	3ER	Y	DU3	368	25.800	44.780	14.850	0.000553
3ER(N+7.20)	3ER	X	DU4	395	25.800	54.980	14.850	0.001169
3ER(N+7.20)	3ER	Y	DU4	368	25.800	44.780	14.850	0.000553
3ER(N+7.20)	3ER	X	DU5	395	25.800	54.980	14.850	0.001056
3ER(N+7.20)	3ER	Y	DU5	346	-2.400	42.900	14.850	0.000753
3ER(N+7.20)	3ER	X	DU6	395	25.800	54.980	14.850	0.001056
3ER(N+7.20)	3ER	Y	DU6	346	-2.400	42.900	14.850	0.000753
3ER(N+7.20)	3ER	X	DU7	395	25.800	54.980	14.850	0.001056
3ER(N+7.20)	3ER	Y	DU7	346	-2.400	42.900	14.850	0.000753
3ER(N+7.20)	3ER	X	DU8	395	25.800	54.980	14.850	0.001056
3ER(N+7.20)	3ER	Y	DU8	346	-2.400	42.900	14.850	0.000753
3ER(N+7.20)	3ERA	X	DU1	8	23.400	0.000	14.850	0.002055
3ER(N+7.20)	3ERA	Y	DU1	715	23.400	7.700	14.850	0.000503
3ER(N+7.20)	3ERA	X	DU2	8	23.400	0.000	14.850	0.002055
3ER(N+7.20)	3ERA	Y	DU2	715	23.400	7.700	14.850	0.000503


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>			Calculó:	<b>ING. FABIO RIVERA</b>		
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>			Revisó:	<b>ING. JUAN C. PATIÑO</b>		
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>			Hoja:	<b>PAGINA 60 DE 398</b>		
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>			Fecha:	<b>OCTUBRE - 2014</b>		

3ER(N+7.20) 3ERA	X	DU3	8	23.400	0.000	14.850	0.002055
3ER(N+7.20) 3ERA	Y	DU3	715	23.400	7.700	14.850	0.000503
3ER(N+7.20) 3ERA	X	DU4	8	23.400	0.000	14.850	0.002055
3ER(N+7.20) 3ERA	Y	DU4	715	23.400	7.700	14.850	0.000503
3ER(N+7.20) 3ERA	X	DU5	8	23.400	0.000	14.850	0.001009
3ER(N+7.20) 3ERA	Y	DU5	1	0.000	0.000	14.850	0.000777
3ER(N+7.20) 3ERA	X	DU6	8	23.400	0.000	14.850	0.001009
3ER(N+7.20) 3ERA	Y	DU6	1	0.000	0.000	14.850	0.000777
3ER(N+7.20) 3ERA	X	DU7	8	23.400	0.000	14.850	0.001009
3ER(N+7.20) 3ERA	Y	DU7	1	0.000	0.000	14.850	0.000777
3ER(N+7.20) 3ERA	X	DU8	8	23.400	0.000	14.850	0.001009
3ER(N+7.20) 3ERA	Y	DU8	1	0.000	0.000	14.850	0.000777
2DO(N+3.78) 2DO	X	DU1	395	25.800	54.980	11.430	0.001002
2DO(N+3.78) 2DO	Y	DU1	395	25.800	54.980	11.430	0.000437
2DO(N+3.78) 2DO	X	DU2	395	25.800	54.980	11.430	0.001002
2DO(N+3.78) 2DO	Y	DU2	395	25.800	54.980	11.430	0.000437
2DO(N+3.78) 2DO	X	DU3	395	25.800	54.980	11.430	0.001002
2DO(N+3.78) 2DO	Y	DU3	395	25.800	54.980	11.430	0.000437
2DO(N+3.78) 2DO	X	DU4	395	25.800	54.980	11.430	0.001002
2DO(N+3.78) 2DO	Y	DU4	395	25.800	54.980	11.430	0.000437
2DO(N+3.78) 2DO	X	DU5	395	25.800	54.980	11.430	0.000887
2DO(N+3.78) 2DO	Y	DU5	328	-2.400	39.150	11.430	0.000603
2DO(N+3.78) 2DO	X	DU6	395	25.800	54.980	11.430	0.000887
2DO(N+3.78) 2DO	Y	DU6	328	-2.400	39.150	11.430	0.000603
2DO(N+3.78) 2DO	X	DU7	395	25.800	54.980	11.430	0.000887
2DO(N+3.78) 2DO	Y	DU7	328	-2.400	39.150	11.430	0.000603
2DO(N+3.78) 2DO	X	DU8	395	25.800	54.980	11.430	0.000887
2DO(N+3.78) 2DO	Y	DU8	328	-2.400	39.150	11.430	0.000603
2DO(N+3.78) 2DOA	X	DU1	8	23.400	0.000	11.430	0.001427
2DO(N+3.78) 2DOA	Y	DU1	715	23.400	7.700	11.430	0.000395
2DO(N+3.78) 2DOA	X	DU2	8	23.400	0.000	11.430	0.001427
2DO(N+3.78) 2DOA	Y	DU2	715	23.400	7.700	11.430	0.000395
2DO(N+3.78) 2DOA	X	DU3	8	23.400	0.000	11.430	0.001427
2DO(N+3.78) 2DOA	Y	DU3	715	23.400	7.700	11.430	0.000395
2DO(N+3.78) 2DOA	X	DU4	8	23.400	0.000	11.430	0.001427
2DO(N+3.78) 2DOA	Y	DU4	715	23.400	7.700	11.430	0.000395
2DO(N+3.78) 2DOA	X	DU5	8	23.400	0.000	11.430	0.000701
2DO(N+3.78) 2DOA	Y	DU5	88	0.000	10.000	11.430	0.000571
2DO(N+3.78) 2DOA	X	DU6	8	23.400	0.000	11.430	0.000701
2DO(N+3.78) 2DOA	Y	DU6	88	0.000	10.000	11.430	0.000571
2DO(N+3.78) 2DOA	X	DU7	8	23.400	0.000	11.430	0.000701
2DO(N+3.78) 2DOA	Y	DU7	88	0.000	10.000	11.430	0.000571
2DO(N+3.78) 2DOA	X	DU8	8	23.400	0.000	11.430	0.000701
2DO(N+3.78) 2DOA	Y	DU8	88	0.000	10.000	11.430	0.000571
1ER (N+0.36) 1ERTOP	X	DU1	328	-2.400	39.150	8.010	0.001108
1ER (N+0.36) 1ERTOP	Y	DU1	238	14.860	25.870	8.010	0.001286


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 61 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36 1ERTOP	X	DU2	328	-2.400	39.150	8.010	0.001108
1ER (N+0.36 1ERTOP	Y	DU2	238	14.860	25.870	8.010	0.001286
1ER (N+0.36 1ERTOP	X	DU3	328	-2.400	39.150	8.010	0.001108
1ER (N+0.36 1ERTOP	Y	DU3	238	14.860	25.870	8.010	0.001286
1ER (N+0.36 1ERTOP	X	DU4	328	-2.400	39.150	8.010	0.001108
1ER (N+0.36 1ERTOP	Y	DU4	238	14.860	25.870	8.010	0.001286
1ER (N+0.36 1ERTOP	X	DU5	328	-2.400	39.150	8.010	0.000945
1ER (N+0.36 1ERTOP	Y	DU5	238	14.860	25.870	8.010	0.001358
1ER (N+0.36 1ERTOP	X	DU6	328	-2.400	39.150	8.010	0.000945
1ER (N+0.36 1ERTOP	Y	DU6	238	14.860	25.870	8.010	0.001358
1ER (N+0.36 1ERTOP	X	DU7	328	-2.400	39.150	8.010	0.000945
1ER (N+0.36 1ERTOP	Y	DU7	238	14.860	25.870	8.010	0.001358
1ER (N+0.36 1ERTOP	X	DU8	328	-2.400	39.150	8.010	0.000945
1ER (N+0.36 1ERTOP	Y	DU8	238	14.860	25.870	8.010	0.001358
1ER (N+0.36 1ERTOP1	X	DU1	8	23.400	0.000	8.010	0.000683
1ER (N+0.36 1ERTOP1	Y	DU1	715	23.400	7.700	8.010	0.000242
1ER (N+0.36 1ERTOP1	X	DU2	8	23.400	0.000	8.010	0.000683
1ER (N+0.36 1ERTOP1	Y	DU2	715	23.400	7.700	8.010	0.000242
1ER (N+0.36 1ERTOP1	X	DU3	8	23.400	0.000	8.010	0.000683
1ER (N+0.36 1ERTOP1	Y	DU3	715	23.400	7.700	8.010	0.000242
1ER (N+0.36 1ERTOP1	X	DU4	8	23.400	0.000	8.010	0.000683
1ER (N+0.36 1ERTOP1	Y	DU4	715	23.400	7.700	8.010	0.000242
1ER (N+0.36 1ERTOP1	X	DU5	8	23.400	0.000	8.010	0.000330
1ER (N+0.36 1ERTOP1	Y	DU5	715	23.400	7.700	8.010	0.000320
1ER (N+0.36 1ERTOP1	X	DU6	8	23.400	0.000	8.010	0.000330
1ER (N+0.36 1ERTOP1	Y	DU6	715	23.400	7.700	8.010	0.000320
1ER (N+0.36 1ERTOP1	X	DU7	8	23.400	0.000	8.010	0.000330
1ER (N+0.36 1ERTOP1	Y	DU7	715	23.400	7.700	8.010	0.000320
1ER (N+0.36 1ERTOP1	X	DU8	8	23.400	0.000	8.010	0.000330
1ER (N+0.36 1ERTOP1	Y	DU8	715	23.400	7.700	8.010	0.000320
1ER(N-0.49) 1ER	X	DU1	211	23.400	21.800	7.160	0.000247
1ER(N-0.49) 1ER	Y	DU1	211	23.400	21.800	7.160	0.000131
1ER(N-0.49) 1ER	X	DU2	211	23.400	21.800	7.160	0.000247
1ER(N-0.49) 1ER	Y	DU2	211	23.400	21.800	7.160	0.000131
1ER(N-0.49) 1ER	X	DU3	211	23.400	21.800	7.160	0.000247
1ER(N-0.49) 1ER	Y	DU3	211	23.400	21.800	7.160	0.000131
1ER(N-0.49) 1ER	X	DU4	211	23.400	21.800	7.160	0.000247
1ER(N-0.49) 1ER	Y	DU4	211	23.400	21.800	7.160	0.000131
1ER(N-0.49) 1ER	X	DU5	211	23.400	21.800	7.160	0.000129
1ER(N-0.49) 1ER	Y	DU5	211	23.400	21.800	7.160	0.000161
1ER(N-0.49) 1ER	X	DU6	211	23.400	21.800	7.160	0.000129
1ER(N-0.49) 1ER	Y	DU6	211	23.400	21.800	7.160	0.000161
1ER(N-0.49) 1ER	X	DU7	211	23.400	21.800	7.160	0.000129
1ER(N-0.49) 1ER	Y	DU7	211	23.400	21.800	7.160	0.000161
1ER(N-0.49) 1ER	X	DU8	211	23.400	21.800	7.160	0.000129
1ER(N-0.49) 1ER	Y	DU8	211	23.400	21.800	7.160	0.000161




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 62 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


SOT1 (N-4.09 SOT1	X	DU1	8	23.400	0.000	3.560	0.000067
SOT1 (N-4.09 SOT1	Y	DU1	89	23.400	10.000	3.560	0.000030
SOT1 (N-4.09 SOT1	X	DU2	8	23.400	0.000	3.560	0.000067
SOT1 (N-4.09 SOT1	Y	DU2	89	23.400	10.000	3.560	0.000030
SOT1 (N-4.09 SOT1	X	DU3	8	23.400	0.000	3.560	0.000067
SOT1 (N-4.09 SOT1	Y	DU3	89	23.400	10.000	3.560	0.000030
SOT1 (N-4.09 SOT1	X	DU4	8	23.400	0.000	3.560	0.000067
SOT1 (N-4.09 SOT1	Y	DU4	89	23.400	10.000	3.560	0.000030
SOT1 (N-4.09 SOT1	X	DU5	8	23.400	0.000	3.560	0.000040
SOT1 (N-4.09 SOT1	Y	DU5	89	23.400	10.000	3.560	0.000032
SOT1 (N-4.09 SOT1	X	DU6	8	23.400	0.000	3.560	0.000040
SOT1 (N-4.09 SOT1	Y	DU6	89	23.400	10.000	3.560	0.000032
SOT1 (N-4.09 SOT1	X	DU7	8	23.400	0.000	3.560	0.000040
SOT1 (N-4.09 SOT1	Y	DU7	89	23.400	10.000	3.560	0.000032
SOT1 (N-4.09 SOT1	X	DU8	8	23.400	0.000	3.560	0.000040
SOT1 (N-4.09 SOT1	Y	DU8	89	23.400	10.000	3.560	0.000032

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 63 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

## **ANEXO 6. DISEÑO DE ELEMENTOS ESTRUCTURALES**

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 64 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


## **ANEXO 6.1. DISEÑO DE PANTALLAS**

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 65 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


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SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (ACI 318-08/IBC 2009)


Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left cm <sup>2</sup>	As Right cm <sup>2</sup>	Av Shear cm <sup>2</sup> /m	B-Zone(L) Length	B-Zone(R) Length
CB3(N+20.57)	PA	Top	60.000	60.000	34.176	2.413	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	33.415	20.506	15.000	Not Needed	Not Needed
CB2(N+14.60)	PA	Top	60.000	60.000	0.000	7.925	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	0.000	4.508	15.000	Not Needed	Not Needed
CB1(N+11.30)	PA	Top	60.000	60.000	0.000	0.000	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not Needed	Not Needed
3ER(N+7.20)	PA	Top	60.000	60.000	0.000	0.000	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not Needed	Not Needed
2DO(N+3.78)	PA	Top	60.000	60.000	11.796	2.933	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	20.309	16.893	15.000	42.000	42.000
1ER (N+0.36)	PA	Top	60.000	60.000	11.686	14.316	15.000	42.000	42.000
		Bottom	60.000	60.000	17.457	13.652	15.000	42.000	42.000
1ER(N-0.49)	PA	Top	60.000	60.000	0.000	1.349	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	5.757	0.273	15.000	Not Needed	Not Needed
CB3(N+20.57)	PB	Top	60.000	60.000	16.951	7.003	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	22.602	22.446	15.000	Not Needed	Not Needed
CB2(N+14.60)	PB	Top	60.000	60.000	0.000	6.541	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	0.000	9.560	15.000	Not Needed	Not Needed
CB1(N+11.30)	PB	Top	60.000	60.000	2.941	1.247	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not Needed	Not Needed
3ER(N+7.20)	PB	Top	60.000	60.000	0.000	0.000	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not Needed	Not Needed
2DO(N+3.78)	PB	Top	60.000	60.000	11.469	3.477	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	10.128	22.362	15.000	42.000	42.000
1ER (N+0.36)	PB	Top	60.000	60.000	5.502	21.486	15.000	42.000	Not Needed
		Bottom	60.000	60.000	5.349	23.808	15.000	42.000	Not Needed
1ER(N-0.49)	PB	Top	60.000	60.000	21.968	0.000	15.000	Not Needed	42.000
		Bottom	60.000	60.000	0.000	8.226	15.000	42.000	Not Needed
SOT1(N-4.09)	PB	Top	60.000	60.000	0.000	0.000	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not Needed	Not Needed
CB3(N+20.57)	PC	Top	60.000	60.000	5.730	22.310	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	51.102	64.472	15.404	42.000	42.000
CB2(N+14.60)	PC	Top	60.000	60.000	38.202	56.111	15.270	42.000	42.000
		Bottom	60.000	60.000	22.213	4.765	15.000	Not Needed	Not Needed
CB1(N+11.30)	PC	Top	60.000	60.000	2.505	6.765	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	1.514	0.000	15.000	Not Needed	Not Needed
3ER(N+7.20)	PC	Top	60.000	60.000	1.479	2.893	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	0.848	0.000	15.000	Not Needed	Not Needed
2DO(N+3.78)	PC	Top	60.000	60.000	0.000	5.806	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	15.149	11.551	15.000	Not Needed	Not Needed
1ER (N+0.36)	PC	Top	60.000	60.000	12.309	7.026	35.489	Not Needed	Not Needed
		Bottom	60.000	60.000	51.018	42.532	35.401	42.000	42.000
1ER(N-0.49)	PC	Top	60.000	60.000	20.943	14.990	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	13.516	16.093	15.000	Not Needed	Not Needed
CB3(N+20.57)	PD	Top	60.000	60.000	10.326	17.881	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	48.956	65.683	16.345	42.000	42.000
CB2(N+14.60)	PD	Top	60.000	60.000	36.745	57.742	16.042	42.000	42.000
		Bottom	60.000	60.000	23.175	3.846	15.000	Not Needed	Not Needed

	Propietario: <b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>						Calculó: <b>ING. FABIO RIVERA</b>			
	Proyecto: <b>COLEGIO Y TEATRO EL ENSUEÑO</b>						Revisó: <b>ING. JUAN C. PATIÑO</b>			
	Localización: <b>BOGOTA - CUNDINAMARCA</b>						Hoja: <b>PAGINA 66 DE 398</b>			
	Contenido: <b>TEATRO - M. DE CALCULOS</b>						Fecha: <b>OCTUBRE - 2014</b>			


CB1(N+11.30)	PD	Top	60.000	60.000	5.059	3.648	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
3ER(N+7.20)	PD	Top	60.000	60.000	0.786	1.165	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
2DO(N+3.78)	PD	Top	60.000	60.000	0.000	5.652	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	10.511	0.000	15.000	Not	Needed	Not	Needed
1ER (N+0.36)	PD	Top	60.000	60.000	8.421	0.000	17.645	Not	Needed	Not	Needed
		Bottom	60.000	60.000	36.211	24.060	17.557		42.000		42.000
1ER(N-0.49)	PD	Top	60.000	60.000	0.734	30.991	15.000		42.000	Not	Needed
		Bottom	60.000	60.000	29.296	5.586	15.000	Not	Needed		42.000
CB2(N+14.60)	PE	Top	22.500	22.500	10.902	12.828	9.131	Not	Needed	Not	Needed
		Bottom	30.000	30.000	13.076	13.317	9.046	Not	Needed	Not	Needed
CB1(N+11.30)	PE	Top	30.000	30.000	15.075	17.864	8.407	Not	Needed	Not	Needed
		Bottom	45.000	45.000	21.585	21.910	8.301		22.500		22.500
3ER(N+7.20)	PE	Top	45.000	45.000	20.064	20.678	11.135	Not	Needed	Not	Needed
		Bottom	60.000	60.000	28.274	27.923	11.047		30.000		30.000
2DO(N+3.78)	PE	Top	67.500	67.500	34.315	32.886	11.040		33.750		33.750
		Bottom	75.000	82.500	43.828	44.998	10.952		37.500		41.250
1ER (N+0.36)	PE	Top	75.000	75.000	37.446	37.807	3.750		37.500		37.500
		Bottom	75.000	75.000	38.943	40.723	3.750		37.500		37.500
1ER(N-0.49)	PE	Top	82.500	90.000	48.140	46.980	3.750		41.250		45.000
		Bottom	90.000	97.500	51.397	50.188	3.750		45.000		48.750
CB2(N+14.60)	PF	Top	15.000	15.000	4.796	3.409	3.750	Not	Needed	Not	Needed
		Bottom	15.000	15.000	4.550	4.650	3.750	Not	Needed	Not	Needed
CB1(N+11.30)	PF	Top	15.000	15.000	7.331	7.078	3.750	Not	Needed	Not	Needed
		Bottom	22.500	22.500	6.201	5.610	3.750	Not	Needed	Not	Needed
3ER(N+7.20)	PF	Top	22.500	22.500	9.804	10.729	3.750	Not	Needed		11.250
		Bottom	30.000	30.000	12.734	12.766	3.750		15.000		15.000
2DO(N+3.78)	PF	Top	22.500	22.500	11.595	12.668	3.750	Not	Needed	Not	Needed
		Bottom	37.500	37.500	15.792	15.440	3.750		18.750		18.750
1ER (N+0.36)	PF	Top	30.000	30.000	11.643	12.808	3.750		15.000		15.000
		Bottom	30.000	30.000	15.110	15.845	3.750		15.000		15.000
1ER(N-0.49)	PF	Top	30.000	30.000	10.924	13.341	3.750	Not	Needed		15.000
		Bottom	37.500	37.500	22.380	22.426	3.750		18.750		18.750
CB2(N+14.60)	PG	Top	22.500	30.000	11.798	9.872	5.526	Not	Needed	Not	Needed
		Bottom	37.500	37.500	19.725	13.905	6.882	Not	Needed	Not	Needed
CB1(N+11.30)	PG	Top	37.500	45.000	20.955	20.094	3.819	Not	Needed	Not	Needed
		Bottom	67.500	67.500	35.828	39.938	3.750		33.750		33.750
3ER(N+7.20)	PG	Top	75.000	75.000	43.574	43.917	7.003	Not	Needed	Not	Needed
		Bottom	112.500	112.500	59.866	61.730	6.915		56.250		56.250
2DO(N+3.78)	PG	Top	112.500	120.000	65.797	66.828	9.008		56.250		60.000
		Bottom	157.500	157.500	86.664	89.365	8.920		78.750		78.750
1ER (N+0.36)	PG	Top	135.000	127.500	73.691	74.141	3.750		67.500		63.750
		Bottom	135.000	135.000	79.177	74.113	3.750		67.500		67.500
1ER(N-0.49)	PG	Top	127.500	120.000	71.496	68.544	3.750		63.750		60.000
		Bottom	142.500	135.000	80.426	79.517	3.750		71.250		67.500
CB2(N+14.60)	PH	Top	30.000	22.500	9.959	13.258	5.385	Not	Needed	Not	Needed
		Bottom	37.500	37.500	14.296	21.240	6.766	Not	Needed	Not	Needed
CB1(N+11.30)	PH	Top	45.000	37.500	20.664	21.489	3.750	Not	Needed	Not	Needed
		Bottom	67.500	67.500	39.729	35.554	3.750		33.750		33.750
3ER(N+7.20)	PH	Top	75.000	75.000	43.598	39.946	6.986	Not	Needed	Not	Needed
		Bottom	112.500	105.000	60.814	60.425	6.898		56.250		52.500
2DO(N+3.78)	PH	Top	120.000	112.500	65.896	58.365	8.987		60.000		56.250

	Propietario: <b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>					Calculó: <b>ING. FABIO RIVERA</b>			
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	Localización: <b>BOGOTA - CUNDINAMARCA</b>					Hoja: <b>PAGINA 67 DE 398</b>			
	Contenido: <b>TEATRO - M. DE CALCULOS</b>					Fecha: <b>OCTUBRE - 2014</b>			

		Bottom	157.500	150.000	86.831	83.388	8.899	78.750	75.000
1ER (N+0.36)	PH	Top	127.500	127.500	71.607	70.192	3.750	63.750	63.750
		Bottom	127.500	127.500	75.964	75.626	3.750	63.750	63.750
1ER(N-0.49)	PH	Top	120.000	120.000	66.718	68.354	3.750	60.000	60.000
		Bottom	135.000	135.000	76.282	78.843	3.750	67.500	67.500
CB1(N+11.30)	P-1	Top	60.000	60.000	13.748	15.237	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	7.636	11.723	15.000	Not Needed	Not Needed
3ER(N+7.20)	P-1	Top	60.000	60.000	10.953	14.781	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	27.356	27.022	15.000	Not Needed	Not Needed
2DO(N+3.78)	P-1	Top	60.000	60.000	10.106	11.598	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	62.668	60.877	15.000	42.000	42.000
1ER (N+0.36)	P-1	Top	60.000	60.000	51.392	52.815	15.000	42.000	42.000
		Bottom	60.000	60.000	61.470	64.385	15.000	42.000	42.000
1ER(N-0.49)	P-1	Top	60.000	60.000	18.879	15.058	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	15.579	15.533	15.000	Not Needed	Not Needed
CB1(N+11.30)	P-2	Top	60.000	60.000	12.974	14.720	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	8.342	10.608	15.000	Not Needed	Not Needed
3ER(N+7.20)	P-2	Top	60.000	60.000	8.501	14.818	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	25.551	24.259	15.000	Not Needed	Not Needed
2DO(N+3.78)	P-2	Top	60.000	60.000	7.542	9.444	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	65.793	62.353	15.000	42.000	42.000
1ER (N+0.36)	P-2	Top	60.000	60.000	55.506	53.901	16.757	42.000	42.000
		Bottom	60.000	60.000	77.960	72.352	21.397	42.000	42.000
1ER(N-0.49)	P-2	Top	60.000	60.000	28.745	32.618	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	11.337	6.506	15.000	Not Needed	Not Needed
SOT1(N-4.09)	P-2	Top	60.000	60.000	11.613	17.731	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	19.377	13.749	15.000	Not Needed	Not Needed
CB3(N+20.57)	P-3	Top	60.000	60.000	10.378	0.000	15.000	Not Needed	48.000
		Bottom	60.000	60.000	0.000	22.841	15.000	48.000	Not Needed
CB2(N+14.60)	P-3	Top	60.000	60.000	32.752	9.729	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	0.000	58.608	15.000	48.000	Not Needed
CB1(N+11.30)	P-3	Top	60.000	60.000	0.000	31.200	29.368	48.000	Not Needed
		Bottom	60.000	60.000	0.000	18.566	15.000	48.000	Not Needed
3ER(N+7.20)	P-3	Top	60.000	60.000	0.000	13.527	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	21.424	3.681	15.000	Not Needed	48.000
2DO(N+3.78)	P-3	Top	60.000	60.000	13.230	3.316	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	43.955	47.743	15.000	48.000	48.000
1ER (N+0.36)	P-3	Top	60.000	60.000	37.276	38.444	15.000	48.000	48.000
		Bottom	60.000	60.000	28.018	34.647	15.000	48.000	48.000
1ER(N-0.49)	P-3	Top	60.000	60.000	45.436	37.980	15.000	48.000	48.000
		Bottom	60.000	60.000	17.876	22.773	15.000	48.000	48.000
CB3(N+20.57)	P-4	Top	60.000	60.000	9.447	19.258	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	26.298	0.000	15.000	Not Needed	Not Needed
CB2(N+14.60)	P-4	Top	60.000	60.000	0.000	24.978	15.000	Not Checked	Not Needed
		Bottom	60.000	60.000	23.681	0.000	15.000	Not Needed	Not Checked
CB1(N+11.30)	P-4	Top	60.000	60.000	4.550	0.000	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	17.780	0.000	15.000	Not Needed	Not Checked
3ER(N+7.20)	P-4	Top	60.000	60.000	10.973	0.000	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	0.596	19.039	15.000	Not Checked	Not Needed
2DO(N+3.78)	P-4	Top	60.000	60.000	0.637	9.148	15.000	Not Needed	Not Needed
		Bottom	60.000	60.000	46.621	38.197	15.000	Not Checked	Not Checked
1ER (N+0.36)	P-4	Top	60.000	60.000	38.836	29.656	15.000	Not Checked	Not Checked
		Bottom	60.000	60.000	41.698	24.227	15.000	Not Checked	Not Checked


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	Localización: <b>BOGOTA - CUNDINAMARCA</b>						Hoja: <b>PAGINA 68 DE 398</b>					
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1ER(N-0.49)	P-4	Top	60.000	60.000	45.592	42.984	15.000	Not	Checked	Not	Checked
		Bottom	60.000	60.000	17.073	28.974	15.000	Not	Checked	Not	Checked
SOT1(N-4.09)	P-4	Top	60.000	60.000	18.244	0.000	15.000	Not	Needed	Not	Checked
		Bottom	60.000	60.000	0.000	15.075	15.000	Not	Checked	Not	Needed
CB3(N+20.57)	P-5	Top	60.000	60.000	21.735	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	44.559	102.652	36.245		48.000		48.000
CB2(N+14.60)	P-5	Top	60.000	60.000	20.710	48.990	15.000		48.000	Not	Needed
		Bottom	60.000	60.000	23.776	10.186	15.000	Not	Needed	Not	Needed
CB1(N+11.30)	P-5	Top	60.000	60.000	43.999	20.301	15.000	Not	Needed		48.000
		Bottom	60.000	60.000	14.335	33.418	15.000		48.000	Not	Needed
3ER(N+7.20)	P-5	Top	60.000	60.000	0.000	0.178	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	4.866	4.970	15.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-5	Top	60.000	60.000	3.339	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	10.339	12.600	15.000	Not	Needed	Not	Needed
1ER (N+0.36)	P-5	Top	60.000	60.000	3.941	6.993	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	8.937	15.738	15.000	Not	Needed	Not	Needed
1ER(N-0.49)	P-5	Top	60.000	60.000	14.944	2.818	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	12.189	21.570	15.000	Not	Needed	Not	Needed
CB3(N+20.57)	P-6	Top	60.000	60.000	0.000	18.307	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	95.348	50.765	33.292	Not	Checked	Not	Checked
CB2(N+14.60)	P-6	Top	60.000	60.000	44.314	24.550	15.000	Not	Needed	Not	Checked
		Bottom	60.000	60.000	10.334	21.032	15.000	Not	Needed	Not	Needed
CB1(N+11.30)	P-6	Top	60.000	60.000	20.603	43.363	15.000	Not	Checked	Not	Needed
		Bottom	60.000	60.000	33.151	13.968	15.000	Not	Needed	Not	Checked
3ER(N+7.20)	P-6	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	5.019	3.410	15.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-6	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	8.399	9.955	15.000	Not	Needed	Not	Needed
1ER (N+0.36)	P-6	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	12.059	5.850	15.000	Not	Needed	Not	Needed
1ER(N-0.49)	P-6	Top	60.000	60.000	0.000	6.716	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	15.679	6.140	15.000	Not	Needed	Not	Needed
CB2(N+14.60)	P-7	Top	40.000	40.000	12.936	10.297	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	10.471	13.726	10.000	Not	Needed	Not	Needed
CB1(N+11.30)	P-7	Top	40.000	40.000	17.885	15.734	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	14.944	17.635	10.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-7	Top	40.000	40.000	24.428	20.202	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	20.313	24.663	10.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-7	Top	40.000	40.000	30.701	26.359	10.000	Not	Needed		23.309
		Bottom	40.000	40.000	28.876	32.265	10.000		23.309		23.309
1ER (N+0.36)	P-7	Top	40.000	40.000	24.686	23.211	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	29.262	26.233	10.000	Not	Needed		23.309
1ER(N-0.49)	P-7	Top	40.000	40.000	26.595	26.882	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	27.362	26.571	10.000		23.309		23.309
CB2(N+14.60)	P-8	Top	40.000	40.000	11.706	10.714	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	11.015	12.283	10.000	Not	Needed	Not	Needed
CB1(N+11.30)	P-8	Top	40.000	40.000	14.364	16.337	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	15.530	13.901	10.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-8	Top	40.000	40.000	18.752	20.726	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	21.542	18.847	10.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-8	Top	40.000	40.000	25.207	27.950	10.000		23.309		23.309
		Bottom	40.000	40.000	30.854	27.989	10.000		23.309		23.309


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1ER (N+0.36)	P-8	Top	40.000	40.000	20.011	20.705	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	23.804	26.801	10.000		23.309		23.309
1ER(N-0.49)	P-8	Top	40.000	40.000	25.105	22.824	10.000		23.309		23.309
		Bottom	40.000	40.000	22.822	23.424	10.000		23.309		23.309
CB2(N+14.60)	P-9	Top	60.000	60.000	12.678	8.864	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	6.264	14.789	15.000	Not	Needed	Not	Needed
CB1(N+11.30)	P-9	Top	60.000	60.000	20.856	25.628	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	20.966	22.188	15.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-9	Top	60.000	60.000	36.774	30.955	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	36.956	37.642	15.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-9	Top	60.000	60.000	38.066	39.226	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	55.803	55.879	15.000		37.000		37.000
1ER (N+0.36)	P-9	Top	60.000	60.000	50.801	40.328	15.000	Not	Needed		37.000
		Bottom	60.000	60.000	50.926	44.363	15.000		37.000		37.000
1ER(N-0.49)	P-9	Top	60.000	60.000	47.419	42.182	15.000	Not	Needed		37.000
		Bottom	60.000	60.000	61.006	60.088	15.000		37.000		37.000
CB2(N+14.60)	P-10	Top	60.000	60.000	8.627	12.226	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	12.284	8.545	15.000	Not	Needed	Not	Needed
CB1(N+11.30)	P-10	Top	60.000	60.000	21.839	27.257	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	26.061	17.283	15.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-10	Top	60.000	60.000	31.458	40.406	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	43.740	35.730	15.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-10	Top	60.000	60.000	44.493	42.840	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	63.938	54.805	15.000		37.000		37.000
1ER (N+0.36)	P-10	Top	60.000	60.000	45.160	49.612	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	51.771	53.036	15.000		37.000		37.000
1ER(N-0.49)	P-10	Top	60.000	60.000	47.800	47.084	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	71.716	70.435	15.000		37.000		37.000
CB2(N+14.60)	P-11	Top	40.000	40.000	4.281	5.598	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	4.722	4.046	10.000	Not	Needed	Not	Needed
CB1(N+11.30)	P-11	Top	40.000	40.000	0.000	1.863	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-11	Top	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-11	Top	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
1ER (N+0.36)	P-11	Top	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
1ER(N-0.49)	P-11	Top	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	17.212	20.804	10.000		20.000		20.000
CB2(N+14.60)	P-12	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	15.418	0.000	15.000	Not	Needed	Not	Needed
CB1(N+11.30)	P-12	Top	60.000	60.000	15.848	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-12	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-12	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
1ER (N+0.36)	P-12	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
1ER(N-0.49)	P-12	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
CB2(N+14.60)	P-13	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed




	Propietario: <b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>						Calculó: <b>ING. FABIO RIVERA</b>			
	Proyecto: <b>COLEGIO Y TEATRO EL ENSUEÑO</b>						Revisó: <b>ING. JUAN C. PATIÑO</b>			
	Localización: <b>BOGOTA - CUNDINAMARCA</b>						Hoja: <b>PAGINA 70 DE 398</b>			
	Contenido: <b>TEATRO - M. DE CALCULOS</b>						Fecha: <b>OCTUBRE - 2014</b>			


		Bottom	60.000	60.000	0.000	14.882	15.000	Not	Needed	Not	Needed
CB1(N+11.30)	P-13	Top	60.000	60.000	0.000	13.521	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-13	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-13	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
1ER (N+0.36)	P-13	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
1ER(N-0.49)	P-13	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
CB2(N+14.60)	P-14	Top	40.000	40.000	5.074	4.694	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	2.326	6.170	10.000	Not	Needed	Not	Needed
CB1(N+11.30)	P-14	Top	40.000	40.000	0.989	0.000	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-14	Top	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-14	Top	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
1ER (N+0.36)	P-14	Top	40.000	40.000	0.000	0.000	10.000	Not	Needed	Not	Needed
		Bottom	40.000	40.000	0.000	2.301	10.000	Not	Needed		20.000
1ER(N-0.49)	P-14	Top	40.000	40.000	0.000	2.301	10.000	Not	Needed		20.000
		Bottom	40.000	40.000	24.412	22.543	10.000		20.000		20.000
CB1(N+11.30)	P-15	Top	60.000	60.000	27.076	7.890	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	2.705	15.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-15	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	7.457	11.216	15.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-15	Top	60.000	60.000	0.433	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	17.239	13.468	15.000	Not	Needed	Not	Needed
1ER (N+0.36)	P-15	Top	60.000	60.000	7.109	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	8.204	0.000	15.000	Not	Needed	Not	Needed
1ER(N-0.49)	P-15	Top	60.000	60.000	16.517	18.626	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	34.036	28.060	15.000		33.000		33.000
CB1(N+11.30)	P-16	Top	60.000	60.000	13.470	8.616	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.987	15.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-16	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-16	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
1ER (N+0.36)	P-16	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed		38.000
1ER(N-0.49)	P-16	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed		38.000
		Bottom	60.000	60.000	0.000	0.000	15.000		38.000		38.000
CB1(N+11.30)	P-17	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
3ER(N+7.20)	P-17	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
2DO(N+3.78)	P-17	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
1ER (N+0.36)	P-17	Top	60.000	60.000	0.000	0.000	15.000	Not	Needed	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000		38.000	Not	Needed
1ER(N-0.49)	P-17	Top	60.000	60.000	0.000	0.000	15.000		38.000	Not	Needed
		Bottom	60.000	60.000	0.000	0.000	15.000		38.000		38.000

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 71 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	PJ	Top	15.000	15.000	4.042	4.764	3.750	Not Needed	Not Needed
		Bottom	15.000	15.000	4.277	4.531	3.750	Not Needed	Not Needed
CB1(N+11.30)	PJ	Top	15.000	15.000	7.467	6.007	3.750	Not Needed	Not Needed
		Bottom	22.500	22.500	5.775	6.273	3.750	Not Needed	Not Needed
3ER(N+7.20)	PJ	Top	22.500	22.500	10.497	9.357	3.750	11.250	Not Needed
		Bottom	30.000	30.000	11.782	13.251	3.750	15.000	15.000
2DO(N+3.78)	PJ	Top	22.500	22.500	12.338	11.652	3.750	Not Needed	Not Needed
		Bottom	37.500	37.500	13.822	17.083	3.750	18.750	18.750
1ER (N+0.36)	PJ	Top	30.000	30.000	11.326	11.346	3.750	15.000	15.000
		Bottom	30.000	30.000	14.208	14.754	3.750	15.000	15.000
1ER(N-0.49)	PJ	Top	30.000	30.000	11.907	10.739	3.750	Not Needed	Not Needed
		Bottom	37.500	37.500	20.274	21.910	3.750	18.750	18.750
CB2(N+14.60)	PK	Top	22.500	22.500	12.071	12.304	8.807	Not Needed	Not Needed
		Bottom	30.000	22.500	11.955	14.776	8.722	Not Needed	Not Needed
CB1(N+11.30)	PK	Top	30.000	37.500	13.216	17.650	10.547	Not Needed	Not Needed
		Bottom	45.000	37.500	25.684	19.978	10.442	22.500	18.750
3ER(N+7.20)	PK	Top	45.000	52.500	20.909	22.810	13.730	Not Needed	Not Needed
		Bottom	67.500	52.500	32.522	31.157	13.641	33.750	26.250
2DO(N+3.78)	PK	Top	67.500	75.000	39.570	36.011	11.945	33.750	37.500
		Bottom	90.000	90.000	47.327	44.919	11.857	45.000	45.000
1ER (N+0.36)	PK	Top	75.000	75.000	43.340	40.892	3.750	37.500	37.500
		Bottom	82.500	82.500	41.797	40.757	3.750	41.250	41.250
1ER(N-0.49)	PK	Top	90.000	90.000	51.088	51.666	4.071	45.000	45.000
		Bottom	105.000	105.000	55.388	56.038	3.978	52.500	52.500

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 72 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

## **ANEXO 6.2. DISEÑO DE COLUMNAS**


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 73 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

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CONCRETE COLUMN DESIGN OUTPUT (ACI 318-08/IBC 2009)

BIAXIAL P-M INTERACTION AND SHEAR DESIGN OF COLUMN-TYPE ELEMENTS


STORY ID	COLUMN LINE	SECTION ID	STATION ID	<-----REQUIRED REINFORCING----->					
				LONGITUDINAL	COMBO	SHEAR22	COMBO	SHEAR33	COMBO
CB1(N+11.30)	C1	COL60X60	0.000	46.438	C14	0.164	C14	0.036	C18
CB1(N+11.30)	C1	COL60X60	175.500	36.000	C18	0.164	C14	0.036	C18
CB1(N+11.30)	C1	COL60X60	351.000	44.358	C14	0.164	C14	0.036	C18
3ER(N+7.20)	C1	COL60X60	0.000	36.000	C18	0.155	C14	0.000	C18
3ER(N+7.20)	C1	COL60X60	141.000	36.000	C18	0.155	C14	0.000	C18
3ER(N+7.20)	C1	COL60X60	282.000	36.000	C18	0.155	C14	0.000	C18
2DO(N+3.78)	C1	COL60X60	0.000	36.000	C18	0.102	C14	0.013	C14
2DO(N+3.78)	C1	COL60X60	141.000	36.000	C18	0.102	C14	0.013	C14
2DO(N+3.78)	C1	COL60X60	282.000	36.000	C18	0.102	C14	0.013	C14
1ER (N+0.36)	C1	COL60X60	0.000	36.000	C18	0.247	C14	0.056	C18
1ER (N+0.36)	C1	COL60X60	12.500	36.000	C18	0.247	C14	0.056	C18
1ER (N+0.36)	C1	COL60X60	25.000	36.000	C18	0.247	C14	0.056	C18
1ER(N-0.49)	C1	COL60X60	0.000	36.000	C18	0.010	C14	0.000	C18
1ER(N-0.49)	C1	COL60X60	150.000	36.000	C18	0.010	C14	0.000	C18
1ER(N-0.49)	C1	COL60X60	300.000	36.000	C18	0.010	C14	0.000	C18
SOT1(N-4.09)	C1	COL60X60	0.000	36.000	C18	0.011	C14	8.873E-04	C14
SOT1(N-4.09)	C1	COL60X60	148.000	36.000	C18	0.011	C14	8.873E-04	C14
SOT1(N-4.09)	C1	COL60X60	296.000	36.000	C18	0.011	C14	8.873E-04	C14
CB1(N+11.30)	C2	COL60X60	0.000	36.000	C18	0.093	C14	0.000	C18
CB1(N+11.30)	C2	COL60X60	175.500	36.000	C18	0.093	C14	0.000	C18
CB1(N+11.30)	C2	COL60X60	351.000	36.000	C18	0.093	C14	0.000	C18
3ER(N+7.20)	C2	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
3ER(N+7.20)	C2	COL60X60	141.000	36.000	C18	0.000	C18	0.000	C18
3ER(N+7.20)	C2	COL60X60	282.000	36.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C2	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C2	COL60X60	141.000	36.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C2	COL60X60	282.000	36.000	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C2	COL60X60	0.000	36.000	C18	0.143	C14	0.000	C18
1ER (N+0.36)	C2	COL60X60	12.500	36.000	C18	0.143	C14	0.000	C18
1ER (N+0.36)	C2	COL60X60	25.000	36.000	C18	0.143	C14	0.000	C18
1ER(N-0.49)	C2	COL60X60	0.000	36.000	C18	0.011	C14	4.375E-04	C14
1ER(N-0.49)	C2	COL60X60	150.000	36.000	C18	0.011	C14	4.375E-04	C14
1ER(N-0.49)	C2	COL60X60	300.000	36.000	C18	0.011	C14	4.375E-04	C14
SOT1(N-4.09)	C2	COL60X60	0.000	36.000	C18	0.007	C14	0.003	C18
SOT1(N-4.09)	C2	COL60X60	148.000	36.000	C18	0.007	C14	0.003	C18
SOT1(N-4.09)	C2	COL60X60	296.000	36.000	C18	0.007	C14	0.003	C18
CB1(N+11.30)	C3	COL60X60	0.000	41.116	C14	0.151	C14	0.035	C18
CB1(N+11.30)	C3	COL60X60	175.500	36.000	C18	0.151	C14	0.035	C18
CB1(N+11.30)	C3	COL60X60	351.000	38.744	C14	0.151	C14	0.035	C18
3ER(N+7.20)	C3	COL60X60	0.000	36.000	C18	0.150	C14	0.000	C18
3ER(N+7.20)	C3	COL60X60	141.000	36.000	C18	0.150	C14	0.000	C18
3ER(N+7.20)	C3	COL60X60	282.000	36.000	C18	0.150	C14	0.000	C18
2DO(N+3.78)	C3	COL60X60	0.000	36.000	C18	0.098	C14	0.012	C14
2DO(N+3.78)	C3	COL60X60	141.000	36.000	C18	0.098	C14	0.012	C14
2DO(N+3.78)	C3	COL60X60	282.000	36.000	C18	0.098	C14	0.012	C14

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 74 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	C3	COL60X60	0.000	36.000	C18	0.213	C14	0.056	C18
1ER (N+0.36)	C3	COL60X60	12.500	36.000	C18	0.213	C14	0.056	C18
1ER (N+0.36)	C3	COL60X60	25.000	36.000	C18	0.213	C14	0.056	C18
1ER(N-0.49)	C3	COL60X60	0.000	36.000	C18	0.011	C14	0.000	C18
1ER(N-0.49)	C3	COL60X60	150.000	36.000	C18	0.011	C14	0.000	C18
1ER(N-0.49)	C3	COL60X60	300.000	36.000	C18	0.011	C14	0.000	C18
SOT1(N-4.09)	C3	COL60X60	0.000	36.000	C18	0.006	C14	0.000	C18
SOT1(N-4.09)	C3	COL60X60	148.000	36.000	C18	0.006	C14	0.000	C18
SOT1(N-4.09)	C3	COL60X60	296.000	36.000	C18	0.006	C14	0.000	C18
CB2(N+14.60)	C4	COL60X60	0.000	36.000	C18	0.073	C14	0.055	C18
CB2(N+14.60)	C4	COL60X60	135.000	36.000	C18	0.073	C14	0.055	C18
CB2(N+14.60)	C4	COL60X60	270.000	36.000	C18	0.073	C14	0.055	C18
CB1(N+11.30)	C4	COL60X60	0.000	36.000	C18	0.047	C14	0.059	C18
CB1(N+11.30)	C4	COL60X60	175.500	36.000	C18	0.047	C14	0.059	C18
CB1(N+11.30)	C4	COL60X60	351.000	36.000	C18	0.047	C14	0.059	C18
3ER(N+7.20)	C4	COL60X60	0.000	36.000	C18	0.040	C18	0.078	C18
3ER(N+7.20)	C4	COL60X60	141.000	36.000	C18	0.040	C18	0.078	C18
3ER(N+7.20)	C4	COL60X60	282.000	36.000	C18	0.040	C18	0.078	C18
2DO(N+3.78)	C4	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C4	COL60X60	141.000	36.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C4	COL60X60	282.000	36.000	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C4	COL60X60	0.000	36.000	C18	0.000	C18	0.048	C18
1ER (N+0.36)	C4	COL60X60	12.500	36.000	C18	0.000	C18	0.048	C18
1ER (N+0.36)	C4	COL60X60	25.000	36.000	C18	0.000	C18	0.048	C18
1ER(N-0.49)	C4	COL60X60	0.000	36.000	C18	0.006	C18	0.013	C18
1ER(N-0.49)	C4	COL60X60	150.000	36.000	C18	0.006	C18	0.013	C18
1ER(N-0.49)	C4	COL60X60	300.000	36.000	C18	0.006	C18	0.013	C18
CB3(N+20.57)	C4-1	COL60X60	60.000	36.000	C18	0.044	C18	0.108	C18
CB3(N+20.57)	C4-1	COL60X60	112.500	36.000	C18	0.044	C18	0.108	C18
CB3(N+20.57)	C4-1	COL60X60	165.000	36.000	C18	0.044	C18	0.108	C18
CB3(N+20.57)	C4-2	COL60X60	0.000	36.000	C18	0.025	C18	0.048	C18
CB3(N+20.57)	C4-2	COL60X60	156.000	36.000	C18	0.025	C18	0.048	C18
CB3(N+20.57)	C4-2	COL60X60	312.000	36.000	C18	0.025	C18	0.048	C18
CB2(N+14.60)	C5	COL35X100	0.000	35.000	C18	0.049	C18	0.030	C18
CB2(N+14.60)	C5	COL35X100	135.000	35.000	C18	0.049	C18	0.030	C18
CB2(N+14.60)	C5	COL35X100	270.000	35.000	C18	0.049	C18	0.030	C18
CB1(N+11.30)	C5	COL35X100	0.000	35.000	C18	0.000	C18	0.009	C14
CB1(N+11.30)	C5	COL35X100	175.500	35.000	C18	0.000	C18	0.009	C14
CB1(N+11.30)	C5	COL35X100	351.000	35.000	C18	0.000	C18	0.010	C14
3ER(N+7.20)	C5	COL35X100	0.000	35.000	C18	0.000	C18	0.000	C18
3ER(N+7.20)	C5	COL35X100	141.000	35.000	C18	0.000	C18	0.000	C18
3ER(N+7.20)	C5	COL35X100	282.000	35.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C5	COL35X100	0.000	35.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C5	COL35X100	141.000	35.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C5	COL35X100	282.000	35.000	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C5	COL35X100	0.000	35.000	C18	0.000	C18	0.082	C14
1ER (N+0.36)	C5	COL35X100	12.500	35.000	C18	0.000	C18	0.082	C14
1ER (N+0.36)	C5	COL35X100	25.000	35.000	C18	0.000	C18	0.082	C14
1ER(N-0.49)	C5	COL35X100	0.000	35.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C5	COL35X100	150.000	35.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C5	COL35X100	300.000	35.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C5	COL35X100	0.000	35.000	C18	0.000	C18	0.000	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 75 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09)	C5	COL35X100	148.000	35.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C5	COL35X100	296.000	35.000	C18	0.000	C18	0.000	C18
CB3(N+20.57)	C5-1	COL35X100	60.000	35.000	C18	0.000	C18	0.019	C18
CB3(N+20.57)	C5-1	COL35X100	112.500	35.000	C18	0.000	C18	0.019	C18
CB3(N+20.57)	C5-1	COL35X100	165.000	35.000	C18	0.000	C18	0.019	C18
CB3(N+20.57)	C5-2	COL35X100	0.000	35.000	C18	0.011	C18	0.040	C14
CB3(N+20.57)	C5-2	COL35X100	156.000	35.000	C18	0.011	C18	0.040	C14
CB3(N+20.57)	C5-2	COL35X100	312.000	35.000	C18	0.011	C18	0.040	C14
CB2(N+14.60)	C6	COL35X100	0.000	35.000	C18	0.044	C18	0.014	C18
CB2(N+14.60)	C6	COL35X100	135.000	35.000	C18	0.044	C18	0.014	C18
CB2(N+14.60)	C6	COL35X100	270.000	35.000	C18	0.044	C18	0.014	C18
CB1(N+11.30)	C6	COL35X100	0.000	35.000	C18	0.000	C18	0.017	C14
CB1(N+11.30)	C6	COL35X100	175.500	35.000	C18	0.000	C18	0.017	C14
CB1(N+11.30)	C6	COL35X100	351.000	35.000	C18	0.000	C18	0.018	C14
3ER(N+7.20)	C6	COL35X100	0.000	35.000	C18	0.000	C18	0.000	C18
3ER(N+7.20)	C6	COL35X100	141.000	35.000	C18	0.000	C18	0.000	C18
3ER(N+7.20)	C6	COL35X100	282.000	35.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C6	COL35X100	0.000	35.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C6	COL35X100	141.000	35.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C6	COL35X100	282.000	35.000	C18	0.000	C18	0.000	C18
1ER(N+0.36)	C6	COL35X100	0.000	35.000	C18	0.000	C18	0.039	C14
1ER(N+0.36)	C6	COL35X100	12.500	35.000	C18	0.000	C18	0.039	C14
1ER(N+0.36)	C6	COL35X100	25.000	35.000	C18	0.000	C18	0.039	C14
1ER(N-0.49)	C6	COL35X100	0.000	35.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C6	COL35X100	150.000	35.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C6	COL35X100	300.000	35.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C6	COL35X100	0.000	35.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C6	COL35X100	148.000	35.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C6	COL35X100	296.000	35.000	C18	0.000	C18	0.000	C18
CB3(N+20.57)	C6-1	COL35X100	60.000	35.000	C18	0.000	C18	0.046	C18
CB3(N+20.57)	C6-1	COL35X100	112.500	35.000	C18	0.000	C18	0.046	C18
CB3(N+20.57)	C6-1	COL35X100	165.000	35.000	C18	0.000	C18	0.046	C18
CB3(N+20.57)	C6-2	COL35X100	0.000	35.000	C18	0.006	C18	0.028	C14
CB3(N+20.57)	C6-2	COL35X100	156.000	35.000	C18	0.006	C18	0.028	C14
CB3(N+20.57)	C6-2	COL35X100	312.000	35.000	C18	0.006	C18	0.028	C14
CB2(N+14.60)	C7	COL60X60	0.000	36.000	C18	0.061	C14	0.055	C18
CB2(N+14.60)	C7	COL60X60	135.000	36.000	C18	0.061	C14	0.055	C18
CB2(N+14.60)	C7	COL60X60	270.000	36.000	C18	0.061	C14	0.055	C18
CB1(N+11.30)	C7	COL60X60	0.000	36.000	C18	0.059	C14	0.053	C18
CB1(N+11.30)	C7	COL60X60	175.500	36.000	C18	0.059	C14	0.053	C18
CB1(N+11.30)	C7	COL60X60	351.000	36.000	C18	0.059	C14	0.053	C18
3ER(N+7.20)	C7	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
3ER(N+7.20)	C7	COL60X60	141.000	36.000	C18	0.000	C18	0.000	C18
3ER(N+7.20)	C7	COL60X60	282.000	36.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C7	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C7	COL60X60	141.000	36.000	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C7	COL60X60	282.000	36.000	C18	0.000	C18	0.000	C18
1ER(N+0.36)	C7	COL60X60	0.000	36.000	C18	0.036	C14	0.088	C18
1ER(N+0.36)	C7	COL60X60	12.500	36.000	C18	0.036	C14	0.088	C18
1ER(N+0.36)	C7	COL60X60	25.000	36.000	C18	0.036	C14	0.088	C18
1ER(N-0.49)	C7	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C7	COL60X60	150.000	36.000	C18	0.000	C18	0.000	C18


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 76 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	C7	COL60X60	300.000	36.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C7	COL60X60	0.000	36.000	C18	0.004	C14	0.004	C14
SOT1(N-4.09)	C7	COL60X60	148.000	36.000	C18	0.004	C14	0.004	C14
SOT1(N-4.09)	C7	COL60X60	296.000	36.000	C18	0.004	C14	0.004	C14
CB3(N+20.57)	C7-1	COL60X60	60.000	36.000	C18	0.066	C18	0.092	C18
CB3(N+20.57)	C7-1	COL60X60	112.500	36.000	C18	0.066	C18	0.092	C18
CB3(N+20.57)	C7-1	COL60X60	165.000	36.000	C18	0.066	C18	0.092	C18
CB3(N+20.57)	C7-2	COL60X60	0.000	36.000	C18	0.019	C18	0.040	C18
CB3(N+20.57)	C7-2	COL60X60	156.000	36.000	C18	0.019	C18	0.040	C18
CB3(N+20.57)	C7-2	COL60X60	312.000	36.000	C18	0.019	C18	0.040	C18
SOT1(N-4.09)	C12	COL60X60	0.000	36.000	C18	0.005	C14	0.000	C18
SOT1(N-4.09)	C12	COL60X60	148.000	36.000	C18	0.005	C14	0.000	C18
SOT1(N-4.09)	C12	COL60X60	296.000	36.000	C18	0.005	C14	0.000	C18
CB2(N+14.60)	C30	COL60X120	0.000	72.000	C18	0.034	C14	0.036	C14
CB2(N+14.60)	C30	COL60X120	135.000	72.000	C18	0.034	C14	0.036	C14
CB2(N+14.60)	C30	COL60X120	270.000	72.000	C18	0.034	C14	0.036	C14
CB1(N+11.30)	C30	COL60X120	0.000	72.000	C18	0.032	C14	0.004	C14
CB1(N+11.30)	C30	COL60X120	155.500	72.000	C18	0.032	C14	0.004	C14
CB1(N+11.30)	C30	COL60X120	311.000	72.000	C18	0.032	C14	0.004	C14
3ER(N+7.20)	C30	COL60X120	0.000	72.000	C18	0.035	C14	0.037	C14
3ER(N+7.20)	C30	COL60X120	141.000	72.000	C18	0.035	C14	0.037	C14
3ER(N+7.20)	C30	COL60X120	282.000	72.000	C18	0.035	C14	0.037	C14
2DO(N+3.78)	C30	COL60X120	0.000	72.000	C18	0.018	C14	0.038	C14
2DO(N+3.78)	C30	COL60X120	141.000	72.000	C18	0.018	C14	0.038	C14
2DO(N+3.78)	C30	COL60X120	282.000	72.000	C18	0.018	C14	0.038	C14
1ER (N+0.36)	C30	COL60X120	0.000	72.000	C18	0.181	C14	0.183	C14
1ER (N+0.36)	C30	COL60X120	12.500	72.000	C18	0.181	C14	0.183	C14
1ER (N+0.36)	C30	COL60X120	25.000	72.000	C18	0.181	C14	0.183	C14
1ER(N-0.49)	C30	COL60X120	0.000	72.000	C18	0.014	C14	0.031	C14
1ER(N-0.49)	C30	COL60X120	130.000	72.000	C18	0.014	C14	0.031	C14
1ER(N-0.49)	C30	COL60X120	260.000	72.000	C18	0.014	C14	0.031	C14
CB3(N+20.57)	C30-1	COL60X120	60.000	72.000	C18	0.000	C18	0.000	C18
CB3(N+20.57)	C30-1	COL60X120	127.500	72.000	C18	0.000	C18	0.000	C18
CB3(N+20.57)	C30-1	COL60X120	195.000	72.000	C18	0.000	C18	0.000	C18
CB3(N+20.57)	C30-2	COL60X120	0.000	72.000	C18	0.000	C18	0.012	C14
CB3(N+20.57)	C30-2	COL60X120	156.000	72.000	C18	0.000	C18	0.013	C14
CB3(N+20.57)	C30-2	COL60X120	312.000	72.000	C18	0.078	C14	0.152	C14
CB2(N+14.60)	C36	COL60X120	0.000	72.000	C18	0.034	C14	0.040	C14
CB2(N+14.60)	C36	COL60X120	135.000	72.000	C18	0.034	C14	0.040	C14
CB2(N+14.60)	C36	COL60X120	270.000	72.000	C18	0.034	C14	0.040	C14
CB1(N+11.30)	C36	COL60X120	0.000	72.000	C18	0.029	C14	0.005	C14
CB1(N+11.30)	C36	COL60X120	155.500	72.000	C18	0.029	C14	0.005	C14
CB1(N+11.30)	C36	COL60X120	311.000	72.000	C18	0.029	C14	0.005	C14
3ER(N+7.20)	C36	COL60X120	0.000	72.000	C18	0.033	C14	0.036	C14
3ER(N+7.20)	C36	COL60X120	141.000	72.000	C18	0.033	C14	0.036	C14
3ER(N+7.20)	C36	COL60X120	282.000	72.000	C18	0.033	C14	0.036	C14
2DO(N+3.78)	C36	COL60X120	0.000	72.000	C18	0.020	C14	0.038	C14
2DO(N+3.78)	C36	COL60X120	141.000	72.000	C18	0.020	C14	0.038	C14
2DO(N+3.78)	C36	COL60X120	282.000	72.000	C18	0.020	C14	0.038	C14
1ER (N+0.36)	C36	COL60X120	0.000	72.000	C18	0.146	C14	0.189	C14
1ER (N+0.36)	C36	COL60X120	12.500	72.000	C18	0.146	C14	0.189	C14
1ER (N+0.36)	C36	COL60X120	25.000	72.000	C18	0.146	C14	0.189	C14


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 77 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	C36	COL60X120	0.000	72.000	C18	0.014	C14	0.031	C14
1ER(N-0.49)	C36	COL60X120	130.000	72.000	C18	0.014	C14	0.031	C14
1ER(N-0.49)	C36	COL60X120	260.000	72.000	C18	0.014	C14	0.031	C14
CB3(N+20.57)	C36-1	COL60X120	60.000	72.000	C18	0.089	C18	0.038	C18
CB3(N+20.57)	C36-1	COL60X120	127.500	72.000	C18	0.089	C18	0.038	C18
CB3(N+20.57)	C36-1	COL60X120	195.000	72.000	C18	0.089	C18	0.038	C18
CB3(N+20.57)	C36-2	COL60X120	0.000	72.000	C18	0.109	C18	0.146	C14
CB3(N+20.57)	C36-2	COL60X120	156.000	72.000	C18	0.109	C18	0.146	C14
CB3(N+20.57)	C36-2	COL60X120	312.000	72.000	C18	0.109	C18	0.146	C14
1ER (N+0.36)	C37	COL40X60	0.000	24.000	C18	0.035	C18	0.014	C14
1ER (N+0.36)	C37	COL40X60	12.680	24.000	C18	0.035	C18	0.014	C14
1ER (N+0.36)	C37	COL40X60	25.360	24.000	C18	0.035	C18	0.014	C14
1ER(N-0.49)	C37	COL40X60	0.000	33.788	C14	0.014	C18	0.015	C14
1ER(N-0.49)	C37	COL40X60	180.000	33.558	C14	0.014	C18	0.015	C14
1ER(N-0.49)	C37	COL40X60	360.000	34.157	C14	0.014	C18	0.015	C14
1ER (N+0.36)	C38	COL40X60	0.000	24.000	C18	0.039	C18	0.012	C14
1ER (N+0.36)	C38	COL40X60	12.680	24.000	C18	0.039	C18	0.012	C14
1ER (N+0.36)	C38	COL40X60	25.360	24.000	C18	0.039	C18	0.012	C14
1ER(N-0.49)	C38	COL40X60	0.000	32.907	C14	0.015	C18	0.015	C14
1ER(N-0.49)	C38	COL40X60	180.000	32.586	C14	0.015	C18	0.015	C14
1ER(N-0.49)	C38	COL40X60	360.000	33.187	C14	0.015	C18	0.015	C14
1ER (N+0.36)	C39	COL50	0.000	56.463	C2	0.000	C18	0.000	C18
1ER (N+0.36)	C39	COL50	12.500	65.847	C2	0.000	C18	0.000	C18
1ER (N+0.36)	C39	COL50	25.000	75.148	C2	0.000	C18	0.000	C18
1ER(N-0.49)	C39	COL50	0.000	19.635	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C39	COL50	180.000	19.635	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C39	COL50	360.000	56.463	C2	0.000	C18	0.000	C18
1ER (N+0.36)	C40	COL50	0.000	56.445	C2	0.000	C18	0.000	C18
1ER (N+0.36)	C40	COL50	12.500	65.824	C2	0.000	C18	0.000	C18
1ER (N+0.36)	C40	COL50	25.000	75.128	C2	0.000	C18	0.000	C18
1ER(N-0.49)	C40	COL50	0.000	19.635	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C40	COL50	180.000	19.635	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C40	COL50	360.000	56.445	C2	0.000	C18	0.000	C18
1ER (N+0.36)	C54	COL60	0.000	28.274	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C54	COL60	12.500	28.274	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C54	COL60	25.000	28.274	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C54	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C54	COL60X60	180.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C54	COL60X60	360.000	36.000	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C55	COL60	0.000	28.274	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C55	COL60	12.500	28.274	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C55	COL60	25.000	28.274	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C55	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C55	COL60X60	180.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C55	COL60X60	360.000	36.000	C18	0.000	C18	0.000	C18
CB1(N+11.30)	C56-1	C40X40	0.000	16.000	C18	0.032	C14	0.023	C14
CB1(N+11.30)	C56-1	C40X40	63.434	16.000	C18	0.032	C14	0.023	C14
CB1(N+11.30)	C56-1	C40X40	126.868	16.000	C18	0.032	C14	0.023	C14
CB1(N+11.30)	C57-1	C40X40	0.000	16.000	C18	0.036	C14	0.019	C14
CB1(N+11.30)	C57-1	C40X40	63.434	16.000	C18	0.036	C14	0.019	C14
CB1(N+11.30)	C57-1	C40X40	126.868	16.000	C18	0.036	C14	0.019	C14



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>				Calculó:	<b>ING. FABIO RIVERA</b>		
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>				Revisó:	<b>ING. JUAN C. PATIÑO</b>		
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>				Hoja:	<b>PAGINA 78 DE 398</b>		
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>				Fecha:	<b>OCTUBRE - 2014</b>		

1ER (N+0.36)	C58	COL60X60	0.000	36.000	C18	0.026	C14	0.008	C18
1ER (N+0.36)	C58	COL60X60	12.500	36.000	C18	0.026	C14	0.008	C18
1ER (N+0.36)	C58	COL60X60	25.000	36.000	C18	0.026	C14	0.008	C18
1ER(N-0.49)	C58	COL60X60	0.000	36.000	C18	0.026	C14	0.007	C18
1ER(N-0.49)	C58	COL60X60	180.000	36.000	C18	0.026	C14	0.007	C18
1ER(N-0.49)	C58	COL60X60	360.000	36.000	C18	0.026	C14	0.007	C18
1ER (N+0.36)	C59	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C59	COL60X60	12.500	36.000	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C59	COL60X60	25.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C59	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C59	COL60X60	180.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C59	COL60X60	360.000	36.000	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C62	COL60X60	0.000	36.000	C18	0.026	C14	0.021	C14
1ER (N+0.36)	C62	COL60X60	12.665	36.000	C18	0.026	C14	0.021	C14
1ER (N+0.36)	C62	COL60X60	25.330	36.000	C18	0.026	C14	0.021	C14
1ER(N-0.49)	C62	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C62	COL60X60	180.000	36.000	C18	0.026	C14	0.022	C14
1ER(N-0.49)	C62	COL60X60	360.000	36.000	C18	0.026	C14	0.022	C14
CB1(N+11.30)	C63	COL100	0.000	78.540	C18	0.058	C14	0.000	C18
CB1(N+11.30)	C63	COL100	160.500	78.540	C18	0.058	C14	0.000	C18
CB1(N+11.30)	C63	COL100	321.000	78.540	C18	0.058	C14	0.000	C18
3ER(N+7.20)	C63	COL100	0.000	78.540	C18	0.000	C18	0.004	C18
3ER(N+7.20)	C63	COL100	171.000	78.540	C18	0.000	C18	0.004	C18
3ER(N+7.20)	C63	COL100	342.000	78.540	C18	0.000	C18	0.004	C18
2DO(N+3.78)	C63	COL100	0.000	78.540	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C63	COL100	141.000	78.540	C18	0.000	C18	0.000	C18
2DO(N+3.78)	C63	COL100	282.000	78.540	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C63	COL100	0.000	78.540	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C63	COL100	12.500	78.540	C18	0.000	C18	0.000	C18
1ER (N+0.36)	C63	COL100	25.000	78.540	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C63	COL100	0.000	78.540	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C63	COL100	180.000	78.540	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C63	COL100	360.000	78.540	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C11	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C11	COL60X60	150.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C11	COL60X60	300.000	36.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C11	COL60X60	0.000	36.000	C18	0.003	C14	0.000	C18
SOT1(N-4.09)	C11	COL60X60	148.000	36.000	C18	0.003	C14	0.000	C18
SOT1(N-4.09)	C11	COL60X60	296.000	36.000	C18	0.003	C14	0.000	C18
1ER(N-0.49)	C13	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C13	COL60X60	150.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C13	COL60X60	300.000	36.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C13	COL60X60	0.000	36.000	C18	0.003	C14	0.003	C14
SOT1(N-4.09)	C13	COL60X60	148.000	36.000	C18	0.003	C14	0.003	C14
SOT1(N-4.09)	C13	COL60X60	296.000	36.000	C18	0.003	C14	0.003	C14
1ER(N-0.49)	C14	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C14	COL60X60	150.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C14	COL60X60	300.000	36.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C14	COL60X60	0.000	36.000	C18	0.002	C14	0.002	C14
SOT1(N-4.09)	C14	COL60X60	148.000	36.000	C18	0.002	C14	0.002	C14
SOT1(N-4.09)	C14	COL60X60	296.000	36.000	C18	0.002	C14	0.002	C14
1ER(N-0.49)	C15	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18

	Propietario:	SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA	Calculó:	ING. FABIO RIVERA
	Proyecto:	COLEGIO Y TEATRO EL ENSUEÑO	Revisó:	ING. JUAN C. PATIÑO
	Localización:	BOGOTA - CUNDINAMARCA	Hoja:	PAGINA 79 DE 398
	Contenido:	TEATRO - M. DE CALCULOS	Fecha:	OCTUBRE - 2014

1ER(N-0.49)	C15	COL60X60	150.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C15	COL60X60	300.000	36.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C15	COL60X60	0.000	36.000	C18	0.002	C18	0.006	C14
SOT1(N-4.09)	C15	COL60X60	148.000	36.000	C18	0.002	C18	0.006	C14
SOT1(N-4.09)	C15	COL60X60	296.000	36.000	C18	0.002	C18	0.006	C14
1ER(N-0.49)	C16	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C16	COL60X60	150.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C16	COL60X60	300.000	36.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C16	COL60X60	0.000	36.000	C18	0.002	C18	0.002	C14
SOT1(N-4.09)	C16	COL60X60	148.000	36.000	C18	0.002	C18	0.002	C14
SOT1(N-4.09)	C16	COL60X60	296.000	36.000	C18	0.002	C18	0.002	C14
1ER(N-0.49)	C17	COL60X60	0.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C17	COL60X60	150.000	36.000	C18	0.000	C18	0.000	C18
1ER(N-0.49)	C17	COL60X60	300.000	36.000	C18	0.000	C18	0.000	C18
SOT1(N-4.09)	C17	COL60X60	0.000	36.000	C18	0.002	C18	3.916E-04	C18
SOT1(N-4.09)	C17	COL60X60	148.000	36.000	C18	0.002	C18	3.916E-04	C18
SOT1(N-4.09)	C17	COL60X60	296.000	36.000	C18	0.002	C18	3.916E-04	C18


## RESISTENCIA AL CORTANTE DE COLUMNAS (C.21.3.3.2.b)

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C O N C R E T E C O L U M N D E S I G N O U T P U T (ACI 318-08/IBC 2009)

BIAXIAL P-M INTERACTION AND SHEAR DESIGN OF COLUMN-TYPE ELEMENTS


STORY ID	COLUMN LINE	SECTION ID	STATION ID	<-----REQUIRED REINFORCING----->					
				LONGITUDINAL	COMBO	SHEAR22	COMBO	SHEAR33	COMBO
CB1(N+11.30)	C1	COL60X60	0.000	143.211	VNC2	0.419	VNC2	0.106	VNC8
CB1(N+11.30)	C1	COL60X60	175.500	36.000	VNC16	0.419	VNC2	0.106	VNC8
CB1(N+11.30)	C1	COL60X60	351.000	128.014	VNC2	0.419	VNC2	0.106	VNC8
3ER(N+7.20)	C1	COL60X60	0.000	158.784	VNC2	0.442	VNC2	0.084	VNC6
3ER(N+7.20)	C1	COL60X60	141.000	50.565	VNC12	0.442	VNC2	0.084	VNC6
3ER(N+7.20)	C1	COL60X60	282.000	96.358	VNC12	0.442	VNC2	0.084	VNC6
2DO(N+3.78)	C1	COL60X60	0.000	115.411	VNC12	0.287	VNC2	0.064	VNC6
2DO(N+3.78)	C1	COL60X60	141.000	55.956	VNC12	0.287	VNC2	0.064	VNC6
2DO(N+3.78)	C1	COL60X60	282.000	78.564	VNC12	0.287	VNC2	0.064	VNC6
1ER (N+0.36)	C1	COL60X60	0.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER (N+0.36)	C1	COL60X60	12.500	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER (N+0.36)	C1	COL60X60	25.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER(N-0.49)	C1	COL60X60	0.000	36.000	VNC16	0.027	VNC2	0.020	VNC10
1ER(N-0.49)	C1	COL60X60	150.000	36.000	VNC16	0.027	VNC2	0.020	VNC10
1ER(N-0.49)	C1	COL60X60	300.000	36.000	VNC16	0.027	VNC2	0.020	VNC10
SOT1(N-4.09)	C1	COL60X60	0.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
SOT1(N-4.09)	C1	COL60X60	148.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
SOT1(N-4.09)	C1	COL60X60	296.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
CB1(N+11.30)	C2	COL60X60	0.000	88.755	VNC2	0.275	VNC2	0.031	VNC6
CB1(N+11.30)	C2	COL60X60	175.500	36.000	VNC16	0.275	VNC2	0.031	VNC6
CB1(N+11.30)	C2	COL60X60	351.000	65.631	VNC12	0.275	VNC2	0.031	VNC6
3ER(N+7.20)	C2	COL60X60	0.000	82.789	VNC12	0.310	VNC12	0.014	VNC16
3ER(N+7.20)	C2	COL60X60	141.000	36.000	VNC16	0.310	VNC12	0.014	VNC16
3ER(N+7.20)	C2	COL60X60	282.000	43.944	VNC12	0.310	VNC12	0.014	VNC16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>				Calculó:	<b>ING. FABIO RIVERA</b>		
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>				Revisó:	<b>ING. JUAN C. PATIÑO</b>		
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>				Hoja:	<b>PAGINA 80 DE 398</b>		
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>				Fecha:	<b>OCTUBRE - 2014</b>		

2DO (N+3.78)	C2	COL60X60	0.000	54.684	VNC12	0.054	VNC12	0.000	VNC16
2DO (N+3.78)	C2	COL60X60	141.000	36.000	VNC16	0.055	VNC12	0.000	VNC16
2DO (N+3.78)	C2	COL60X60	282.000	36.000	VNC16	0.055	VNC12	0.000	VNC16
1ER (N+0.36)	C2	COL60X60	0.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER (N+0.36)	C2	COL60X60	12.500	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER (N+0.36)	C2	COL60X60	25.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER (N-0.49)	C2	COL60X60	0.000	36.000	VNC16	0.031	VNC2	0.006	VNC6
1ER (N-0.49)	C2	COL60X60	150.000	36.000	VNC16	0.031	VNC2	0.006	VNC6
1ER (N-0.49)	C2	COL60X60	300.000	36.000	VNC16	0.031	VNC2	0.006	VNC6
SOT1 (N-4.09)	C2	COL60X60	0.000	36.000	VNC16	0.020	VNC2	0.007	VNC6
SOT1 (N-4.09)	C2	COL60X60	148.000	36.000	VNC16	0.020	VNC2	0.007	VNC6
SOT1 (N-4.09)	C2	COL60X60	296.000	36.000	VNC16	0.020	VNC2	0.007	VNC6
CB1 (N+11.30)	C3	COL60X60	0.000	135.862	VNC2	0.402	VNC2	0.104	VNC8
CB1 (N+11.30)	C3	COL60X60	175.500	36.000	VNC16	0.402	VNC2	0.104	VNC8
CB1 (N+11.30)	C3	COL60X60	351.000	121.809	VNC2	0.402	VNC2	0.104	VNC8
3ER (N+7.20)	C3	COL60X60	0.000	154.896	VNC2	0.433	VNC2	0.087	VNC6
3ER (N+7.20)	C3	COL60X60	141.000	49.053	VNC12	0.433	VNC2	0.087	VNC6
3ER (N+7.20)	C3	COL60X60	282.000	94.627	VNC12	0.433	VNC2	0.087	VNC6
2DO (N+3.78)	C3	COL60X60	0.000	111.562	VNC12	0.280	VNC2	0.066	VNC6
2DO (N+3.78)	C3	COL60X60	141.000	54.484	VNC12	0.280	VNC2	0.066	VNC6
2DO (N+3.78)	C3	COL60X60	282.000	75.360	VNC12	0.280	VNC2	0.066	VNC6
1ER (N+0.36)	C3	COL60X60	0.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER (N+0.36)	C3	COL60X60	12.500	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER (N+0.36)	C3	COL60X60	25.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER (N-0.49)	C3	COL60X60	0.000	36.000	VNC16	0.032	VNC2	0.000	VNC16
1ER (N-0.49)	C3	COL60X60	150.000	36.000	VNC16	0.032	VNC2	0.000	VNC16
1ER (N-0.49)	C3	COL60X60	300.000	36.000	VNC16	0.032	VNC2	0.000	VNC16
SOT1 (N-4.09)	C3	COL60X60	0.000	36.000	VNC16	0.015	VNC2	0.006	VNC10
SOT1 (N-4.09)	C3	COL60X60	148.000	36.000	VNC16	0.015	VNC2	0.006	VNC10
SOT1 (N-4.09)	C3	COL60X60	296.000	36.000	VNC16	0.015	VNC2	0.006	VNC10
CB2 (N+14.60)	C4	COL60X60	0.000	81.825	VNC16	0.163	VNC2	0.154	VNC6
CB2 (N+14.60)	C4	COL60X60	135.000	48.311	VNC16	0.163	VNC2	0.154	VNC6
CB2 (N+14.60)	C4	COL60X60	270.000	51.590	VNC16	0.163	VNC2	0.154	VNC6
CB1 (N+11.30)	C4	COL60X60	0.000	68.959	VNC16	0.120	VNC2	0.137	VNC6
CB1 (N+11.30)	C4	COL60X60	175.500	36.000	VNC16	0.120	VNC2	0.137	VNC6
CB1 (N+11.30)	C4	COL60X60	351.000	59.214	VNC16	0.120	VNC2	0.137	VNC6
3ER (N+7.20)	C4	COL60X60	0.000	74.465	VNC16	0.188	VNC2	0.183	VNC6
3ER (N+7.20)	C4	COL60X60	141.000	36.000	VNC16	0.188	VNC2	0.183	VNC6
3ER (N+7.20)	C4	COL60X60	282.000	56.947	VNC16	0.188	VNC2	0.183	VNC6
2DO (N+3.78)	C4	COL60X60	0.000	62.779	VNC16	0.120	VNC2	0.132	VNC6
2DO (N+3.78)	C4	COL60X60	141.000	36.000	VNC16	0.120	VNC2	0.132	VNC6
2DO (N+3.78)	C4	COL60X60	282.000	50.006	VNC16	0.120	VNC2	0.132	VNC6
1ER (N+0.36)	C4	COL60X60	0.000	69.160	VNC16	0.250	VNC2	0.487	VNC6
1ER (N+0.36)	C4	COL60X60	12.500	61.988	VNC16	0.250	VNC2	0.487	VNC6
1ER (N+0.36)	C4	COL60X60	25.000	55.588	VNC16	0.250	VNC2	0.487	VNC6
1ER (N-0.49)	C4	COL60X60	0.000	36.000	VNC16	0.017	VNC2	0.036	VNC6
1ER (N-0.49)	C4	COL60X60	150.000	36.000	VNC16	0.017	VNC2	0.036	VNC6
1ER (N-0.49)	C4	COL60X60	300.000	36.000	VNC16	0.017	VNC2	0.036	VNC6
CB3 (N+20.57)	C4-1	COL60X60	60.000	36.000	VNC16	0.126	VNC14	0.298	VNC6
CB3 (N+20.57)	C4-1	COL60X60	112.500	36.000	VNC16	0.126	VNC14	0.298	VNC6
CB3 (N+20.57)	C4-1	COL60X60	165.000	44.535	VNC6	0.126	VNC14	0.298	VNC6
CB3 (N+20.57)	C4-2	COL60X60	0.000	60.657	VNC8	0.125	VNC2	0.127	VNC6

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 81 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	C4-2	COL60X60	156.000	36.000	VNC16	0.125	VNC2	0.127	VNC6
CB3(N+20.57)	C4-2	COL60X60	312.000	56.535	VNC2	0.125	VNC2	0.127	VNC6
CB2(N+14.60)	C5	COL35X100	0.000	74.791	VNC2	0.106	VNC6	0.179	VNC2
CB2(N+14.60)	C5	COL35X100	135.000	35.000	VNC16	0.106	VNC6	0.179	VNC2
CB2(N+14.60)	C5	COL35X100	270.000	35.000	VNC16	0.106	VNC6	0.179	VNC2
CB1(N+11.30)	C5	COL35X100	0.000	48.211	VNC12	0.059	VNC14	0.175	VNC4
CB1(N+11.30)	C5	COL35X100	175.500	35.000	VNC16	0.059	VNC14	0.175	VNC4
CB1(N+11.30)	C5	COL35X100	351.000	48.683	VNC12	0.059	VNC14	0.175	VNC4
3ER(N+7.20)	C5	COL35X100	0.000	75.949	VNC2	0.059	VNC10	0.206	VNC10
3ER(N+7.20)	C5	COL35X100	141.000	35.000	VNC16	0.059	VNC10	0.206	VNC10
3ER(N+7.20)	C5	COL35X100	282.000	35.000	VNC16	0.059	VNC10	0.206	VNC10
2DO(N+3.78)	C5	COL35X100	0.000	68.973	VNC2	0.046	VNC10	0.128	VNC10
2DO(N+3.78)	C5	COL35X100	141.000	35.000	VNC16	0.046	VNC10	0.128	VNC10
2DO(N+3.78)	C5	COL35X100	282.000	35.000	VNC16	0.046	VNC10	0.128	VNC10
1ER(N+0.36)	C5	COL35X100	0.000	138.316	VNC2	0.220	VNC10	0.206	VNC10
1ER(N+0.36)	C5	COL35X100	12.500	115.604	VNC2	0.220	VNC10	0.206	VNC10
1ER(N+0.36)	C5	COL35X100	25.000	93.512	VNC2	0.220	VNC10	0.206	VNC10
1ER(N-0.49)	C5	COL35X100	0.000	35.000	VNC16	0.030	VNC12	0.053	VNC12
1ER(N-0.49)	C5	COL35X100	150.000	35.000	VNC16	0.030	VNC12	0.053	VNC12
1ER(N-0.49)	C5	COL35X100	300.000	35.000	VNC16	0.030	VNC12	0.053	VNC12
SOT1(N-4.09)	C5	COL35X100	0.000	35.000	VNC16	0.004	VNC10	0.017	VNC10
SOT1(N-4.09)	C5	COL35X100	148.000	35.000	VNC16	0.004	VNC10	0.017	VNC10
SOT1(N-4.09)	C5	COL35X100	296.000	35.000	VNC16	0.004	VNC10	0.017	VNC10
CB3(N+20.57)	C5-1	COL35X100	60.000	35.000	VNC16	0.012	VNC10	0.125	VNC6
CB3(N+20.57)	C5-1	COL35X100	112.500	35.000	VNC16	0.012	VNC10	0.125	VNC6
CB3(N+20.57)	C5-1	COL35X100	165.000	35.000	VNC16	0.012	VNC10	0.125	VNC6
CB3(N+20.57)	C5-2	COL35X100	0.000	35.000	VNC16	0.063	VNC2	0.085	VNC2
CB3(N+20.57)	C5-2	COL35X100	156.000	35.000	VNC16	0.063	VNC2	0.085	VNC2
CB3(N+20.57)	C5-2	COL35X100	312.000	49.061	VNC2	0.063	VNC2	0.085	VNC2
CB2(N+14.60)	C6	COL35X100	0.000	61.393	VNC2	0.103	VNC6	0.148	VNC2
CB2(N+14.60)	C6	COL35X100	135.000	35.000	VNC16	0.103	VNC6	0.148	VNC2
CB2(N+14.60)	C6	COL35X100	270.000	35.000	VNC16	0.103	VNC6	0.148	VNC2
CB1(N+11.30)	C6	COL35X100	0.000	49.732	VNC12	0.060	VNC14	0.182	VNC4
CB1(N+11.30)	C6	COL35X100	175.500	35.000	VNC16	0.060	VNC14	0.182	VNC4
CB1(N+11.30)	C6	COL35X100	351.000	52.355	VNC4	0.060	VNC14	0.190	VNC2
3ER(N+7.20)	C6	COL35X100	0.000	82.553	VNC2	0.073	VNC10	0.202	VNC10
3ER(N+7.20)	C6	COL35X100	141.000	35.000	VNC16	0.073	VNC10	0.202	VNC10
3ER(N+7.20)	C6	COL35X100	282.000	35.000	VNC16	0.073	VNC10	0.202	VNC10
2DO(N+3.78)	C6	COL35X100	0.000	76.690	VNC2	0.059	VNC10	0.127	VNC10
2DO(N+3.78)	C6	COL35X100	141.000	35.000	VNC16	0.059	VNC10	0.127	VNC10
2DO(N+3.78)	C6	COL35X100	282.000	35.000	VNC16	0.059	VNC10	0.127	VNC10
1ER(N+0.36)	C6	COL35X100	0.000	141.196	VNC2	0.257	VNC10	0.187	VNC10
1ER(N+0.36)	C6	COL35X100	12.500	118.403	VNC2	0.257	VNC10	0.187	VNC10
1ER(N+0.36)	C6	COL35X100	25.000	95.167	VNC2	0.257	VNC10	0.187	VNC10
1ER(N-0.49)	C6	COL35X100	0.000	35.000	VNC16	0.008	VNC12	0.060	VNC12
1ER(N-0.49)	C6	COL35X100	150.000	35.000	VNC16	0.008	VNC12	0.060	VNC12
1ER(N-0.49)	C6	COL35X100	300.000	35.000	VNC16	0.008	VNC12	0.060	VNC12
SOT1(N-4.09)	C6	COL35X100	0.000	35.000	VNC16	0.000	VNC16	0.000	VNC16
SOT1(N-4.09)	C6	COL35X100	148.000	35.000	VNC16	0.000	VNC16	0.000	VNC16
SOT1(N-4.09)	C6	COL35X100	296.000	35.000	VNC16	0.000	VNC16	0.000	VNC16
CB3(N+20.57)	C6-1	COL35X100	60.000	35.000	VNC16	0.035	VNC10	0.097	VNC6
CB3(N+20.57)	C6-1	COL35X100	112.500	35.000	VNC16	0.035	VNC10	0.097	VNC6


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 82 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	C6-1	COL35X100	165.000	35.000	VNC16	0.035	VNC10	0.097	VNC6
CB3(N+20.57)	C6-2	COL35X100	0.000	35.000	VNC16	0.070	VNC2	0.071	VNC2
CB3(N+20.57)	C6-2	COL35X100	156.000	35.000	VNC16	0.070	VNC2	0.071	VNC2
CB3(N+20.57)	C6-2	COL35X100	312.000	40.900	VNC2	0.070	VNC2	0.071	VNC2
CB2(N+14.60)	C7	COL60X60	0.000	73.165	VNC16	0.144	VNC2	0.148	VNC6
CB2(N+14.60)	C7	COL60X60	135.000	43.358	VNC16	0.144	VNC2	0.148	VNC6
CB2(N+14.60)	C7	COL60X60	270.000	47.313	VNC16	0.144	VNC2	0.148	VNC6
CB1(N+11.30)	C7	COL60X60	0.000	63.831	VNC16	0.133	VNC2	0.128	VNC6
CB1(N+11.30)	C7	COL60X60	175.500	36.000	VNC16	0.133	VNC2	0.128	VNC6
CB1(N+11.30)	C7	COL60X60	351.000	55.174	VNC16	0.133	VNC2	0.128	VNC6
3ER(N+7.20)	C7	COL60X60	0.000	66.016	VNC16	0.199	VNC2	0.175	VNC6
3ER(N+7.20)	C7	COL60X60	141.000	36.000	VNC16	0.199	VNC2	0.175	VNC6
3ER(N+7.20)	C7	COL60X60	282.000	52.608	VNC16	0.199	VNC2	0.175	VNC6
2DO(N+3.78)	C7	COL60X60	0.000	60.511	VNC12	0.130	VNC2	0.133	VNC6
2DO(N+3.78)	C7	COL60X60	141.000	36.000	VNC16	0.130	VNC2	0.133	VNC6
2DO(N+3.78)	C7	COL60X60	282.000	44.129	VNC16	0.130	VNC2	0.133	VNC6
1ER(N+0.36)	C7	COL60X60	0.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER(N+0.36)	C7	COL60X60	12.500	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER(N+0.36)	C7	COL60X60	25.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER(N-0.49)	C7	COL60X60	0.000	36.000	VNC16	0.046	VNC2	0.031	VNC6
1ER(N-0.49)	C7	COL60X60	150.000	36.000	VNC16	0.046	VNC2	0.031	VNC6
1ER(N-0.49)	C7	COL60X60	300.000	36.000	VNC16	0.046	VNC2	0.031	VNC6
SOT1(N-4.09)	C7	COL60X60	0.000	36.000	VNC16	0.014	VNC2	0.011	VNC2
SOT1(N-4.09)	C7	COL60X60	148.000	36.000	VNC16	0.014	VNC2	0.011	VNC2
SOT1(N-4.09)	C7	COL60X60	296.000	36.000	VNC16	0.014	VNC2	0.011	VNC2
CB3(N+20.57)	C7-1	COL60X60	60.000	36.000	VNC16	0.147	VNC6	0.271	VNC8
CB3(N+20.57)	C7-1	COL60X60	112.500	36.000	VNC16	0.147	VNC6	0.271	VNC8
CB3(N+20.57)	C7-1	COL60X60	165.000	37.785	VNC16	0.147	VNC6	0.271	VNC8
CB3(N+20.57)	C7-2	COL60X60	0.000	56.837	VNC16	0.115	VNC2	0.114	VNC6
CB3(N+20.57)	C7-2	COL60X60	156.000	36.000	VNC16	0.115	VNC2	0.114	VNC6
CB3(N+20.57)	C7-2	COL60X60	312.000	48.117	VNC2	0.115	VNC2	0.114	VNC6
SOT1(N-4.09)	C12	COL60X60	0.000	36.000	VNC16	0.013	VNC2	0.008	VNC6
SOT1(N-4.09)	C12	COL60X60	148.000	36.000	VNC16	0.013	VNC2	0.008	VNC6
SOT1(N-4.09)	C12	COL60X60	296.000	36.000	VNC16	0.013	VNC2	0.008	VNC6
CB2(N+14.60)	C30	COL60X120	0.000	131.183	VNC2	0.078	VNC2	0.235	VNC2
CB2(N+14.60)	C30	COL60X120	135.000	102.483	VNC12	0.078	VNC2	0.235	VNC2
CB2(N+14.60)	C30	COL60X120	270.000	74.894	VNC12	0.078	VNC2	0.235	VNC2
CB1(N+11.30)	C30	COL60X120	0.000	109.777	VNC12	0.112	VNC6	0.240	VNC2
CB1(N+11.30)	C30	COL60X120	155.500	72.000	VNC16	0.112	VNC6	0.240	VNC2
CB1(N+11.30)	C30	COL60X120	311.000	120.592	VNC12	0.112	VNC6	0.240	VNC2
3ER(N+7.20)	C30	COL60X120	0.000	122.455	VNC12	0.124	VNC6	0.095	VNC2
3ER(N+7.20)	C30	COL60X120	141.000	108.134	VNC12	0.124	VNC6	0.095	VNC2
3ER(N+7.20)	C30	COL60X120	282.000	105.973	VNC12	0.124	VNC6	0.095	VNC2
2DO(N+3.78)	C30	COL60X120	0.000	146.314	VNC12	0.068	VNC6	0.102	VNC2
2DO(N+3.78)	C30	COL60X120	141.000	126.745	VNC12	0.068	VNC6	0.102	VNC2
2DO(N+3.78)	C30	COL60X120	282.000	119.667	VNC12	0.068	VNC6	0.102	VNC2
1ER(N+0.36)	C30	COL60X120	0.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER(N+0.36)	C30	COL60X120	12.500	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER(N+0.36)	C30	COL60X120	25.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER(N-0.49)	C30	COL60X120	0.000	156.513	VNC12	0.056	VNC14	0.089	VNC10
1ER(N-0.49)	C30	COL60X120	130.000	135.158	VNC12	0.056	VNC14	0.089	VNC10
1ER(N-0.49)	C30	COL60X120	260.000	127.668	VNC12	0.056	VNC14	0.089	VNC10




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 83 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	C30-1	COL60X120	60.000	72.000	VNC16	0.265	VNC6	0.113	VNC6
CB3(N+20.57)	C30-1	COL60X120	127.500	72.000	VNC16	0.265	VNC6	0.113	VNC6
CB3(N+20.57)	C30-1	COL60X120	195.000	72.000	VNC16	0.265	VNC6	0.113	VNC6
CB3(N+20.57)	C30-2	COL60X120	0.000	131.732	VNC12	0.325	VNC6	0.375	VNC2
CB3(N+20.57)	C30-2	COL60X120	156.000	72.000	VNC16	0.325	VNC6	0.375	VNC2
CB3(N+20.57)	C30-2	COL60X120	312.000	86.037	VNC12	0.325	VNC6	0.375	VNC2
CB2(N+14.60)	C36	COL60X120	0.000	130.646	VNC2	0.084	VNC2	0.231	VNC2
CB2(N+14.60)	C36	COL60X120	135.000	102.746	VNC12	0.084	VNC2	0.231	VNC2
CB2(N+14.60)	C36	COL60X120	270.000	77.995	VNC12	0.084	VNC2	0.231	VNC2
CB1(N+11.30)	C36	COL60X120	0.000	109.051	VNC12	0.109	VNC6	0.237	VNC2
CB1(N+11.30)	C36	COL60X120	155.500	72.000	VNC16	0.109	VNC6	0.237	VNC2
CB1(N+11.30)	C36	COL60X120	311.000	120.060	VNC12	0.109	VNC6	0.237	VNC2
3ER(N+7.20)	C36	COL60X120	0.000	122.393	VNC12	0.123	VNC8	0.094	VNC2
3ER(N+7.20)	C36	COL60X120	141.000	108.692	VNC12	0.123	VNC8	0.094	VNC2
3ER(N+7.20)	C36	COL60X120	282.000	106.683	VNC12	0.123	VNC8	0.094	VNC2
2DO(N+3.78)	C36	COL60X120	0.000	147.124	VNC12	0.076	VNC6	0.101	VNC2
2DO(N+3.78)	C36	COL60X120	141.000	127.032	VNC12	0.076	VNC6	0.101	VNC2
2DO(N+3.78)	C36	COL60X120	282.000	120.209	VNC12	0.076	VNC6	0.101	VNC2
1ER(N+0.36)	C36	COL60X120	0.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER(N+0.36)	C36	COL60X120	12.500	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER(N+0.36)	C36	COL60X120	25.000	36.000	VNC16	0.029	VNC2	0.010	VNC2
1ER(N-0.49)	C36	COL60X120	0.000	156.945	VNC12	0.045	VNC6	0.086	VNC2
1ER(N-0.49)	C36	COL60X120	130.000	135.256	VNC12	0.045	VNC6	0.086	VNC2
1ER(N-0.49)	C36	COL60X120	260.000	127.537	VNC12	0.045	VNC6	0.086	VNC2
CB3(N+20.57)	C36-1	COL60X120	60.000	72.000	VNC16	0.240	VNC6	0.105	VNC6
CB3(N+20.57)	C36-1	COL60X120	127.500	72.000	VNC16	0.240	VNC6	0.105	VNC6
CB3(N+20.57)	C36-1	COL60X120	195.000	72.000	VNC16	0.240	VNC6	0.105	VNC6
CB3(N+20.57)	C36-2	COL60X120	0.000	130.206	VNC12	0.301	VNC6	0.373	VNC2
CB3(N+20.57)	C36-2	COL60X120	156.000	72.000	VNC16	0.301	VNC6	0.373	VNC2
CB3(N+20.57)	C36-2	COL60X120	312.000	89.170	VNC12	0.301	VNC6	0.373	VNC2
1ER(N+0.36)	C37	COL40X60	0.000	78.160	VNC12	0.102	VNC14	0.036	VNC2
1ER(N+0.36)	C37	COL40X60	12.680	78.190	VNC12	0.102	VNC14	0.036	VNC2
1ER(N+0.36)	C37	COL40X60	25.360	78.280	VNC12	0.102	VNC14	0.036	VNC2
1ER(N-0.49)	C37	COL40X60	0.000	115.437	VNC12	0.037	VNC6	0.041	VNC2
1ER(N-0.49)	C37	COL40X60	180.000	114.671	VNC12	0.037	VNC6	0.041	VNC2
1ER(N-0.49)	C37	COL40X60	360.000	115.958	VNC12	0.037	VNC6	0.041	VNC2
1ER(N+0.36)	C38	COL40X60	0.000	77.516	VNC12	0.115	VNC14	0.032	VNC2
1ER(N+0.36)	C38	COL40X60	12.680	77.506	VNC12	0.115	VNC14	0.032	VNC2
1ER(N+0.36)	C38	COL40X60	25.360	77.563	VNC12	0.115	VNC14	0.032	VNC2
1ER(N-0.49)	C38	COL40X60	0.000	112.718	VNC12	0.040	VNC6	0.042	VNC2
1ER(N-0.49)	C38	COL40X60	180.000	111.992	VNC12	0.040	VNC6	0.042	VNC2
1ER(N-0.49)	C38	COL40X60	360.000	113.234	VNC12	0.040	VNC6	0.042	VNC2
1ER(N+0.36)	C39	COL50	0.000	54.700	VNC2	0.042	VNC10	0.000	VNC16
1ER(N+0.36)	C39	COL50	12.500	63.955	VNC2	0.042	VNC10	0.000	VNC16
1ER(N+0.36)	C39	COL50	25.000	73.736	VNC2	0.042	VNC10	0.000	VNC16
1ER(N-0.49)	C39	COL50	0.000	30.305	VNC2	0.043	VNC10	0.000	VNC16
1ER(N-0.49)	C39	COL50	180.000	19.635	VNC16	0.043	VNC10	0.000	VNC16
1ER(N-0.49)	C39	COL50	360.000	54.700	VNC2	0.043	VNC10	0.000	VNC16
1ER(N+0.36)	C40	COL50	0.000	56.104	VNC2	0.041	VNC10	0.000	VNC16
1ER(N+0.36)	C40	COL50	12.500	65.958	VNC2	0.041	VNC10	0.000	VNC16
1ER(N+0.36)	C40	COL50	25.000	75.753	VNC2	0.041	VNC10	0.000	VNC16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>				Calculó:	<b>ING. FABIO RIVERA</b>		
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>				Revisó:	<b>ING. JUAN C. PATIÑO</b>		
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>				Hoja:	<b>PAGINA 84 DE 398</b>		
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>				Fecha:	<b>OCTUBRE - 2014</b>		


1ER(N-0.49)	C40	COL50	0.000	32.808	VNC2	0.042	VNC10	0.023	VNC16
1ER(N-0.49)	C40	COL50	180.000	19.635	VNC16	0.042	VNC10	0.023	VNC16
1ER(N-0.49)	C40	COL50	360.000	56.104	VNC2	0.042	VNC10	0.023	VNC16
1ER (N+0.36)	C54	COL60	0.000	28.274	VNC16	0.078	VNC12	0.008	VNC12
1ER (N+0.36)	C54	COL60	12.500	28.274	VNC16	0.078	VNC12	0.008	VNC12
1ER (N+0.36)	C54	COL60	25.000	37.369	VNC6	0.078	VNC12	0.008	VNC12
1ER(N-0.49)	C54	COL60X60	0.000	36.000	VNC16	0.070	VNC12	0.067	VNC16
1ER(N-0.49)	C54	COL60X60	180.000	36.000	VNC16	0.070	VNC12	0.067	VNC16
1ER(N-0.49)	C54	COL60X60	360.000	36.000	VNC16	0.070	VNC12	0.067	VNC16
1ER (N+0.36)	C55	COL60	0.000	28.274	VNC16	0.000	VNC16	0.000	VNC16
1ER (N+0.36)	C55	COL60	12.500	30.663	VNC6	0.000	VNC16	0.000	VNC16
1ER (N+0.36)	C55	COL60	25.000	41.659	VNC6	0.000	VNC16	0.000	VNC16
1ER(N-0.49)	C55	COL60X60	0.000	36.000	VNC16	0.071	VNC12	0.072	VNC16
1ER(N-0.49)	C55	COL60X60	180.000	36.000	VNC16	0.071	VNC12	0.072	VNC16
1ER(N-0.49)	C55	COL60X60	360.000	36.000	VNC16	0.071	VNC12	0.072	VNC16
CB1(N+11.30)	C56-1	C40X40	0.000	20.496	VNC6	0.094	VNC4	0.117	VNC6
CB1(N+11.30)	C56-1	C40X40	63.434	16.000	VNC16	0.094	VNC4	0.117	VNC6
CB1(N+11.30)	C56-1	C40X40	126.868	16.000	VNC16	0.094	VNC4	0.117	VNC6
CB1(N+11.30)	C57-1	C40X40	0.000	20.576	VNC6	0.100	VNC2	0.114	VNC6
CB1(N+11.30)	C57-1	C40X40	63.434	16.000	VNC16	0.100	VNC2	0.114	VNC6
CB1(N+11.30)	C57-1	C40X40	126.868	16.000	VNC16	0.100	VNC2	0.114	VNC6
1ER (N+0.36)	C58	COL60X60	0.000	36.000	VNC16	0.076	VNC10	0.042	VNC6
1ER (N+0.36)	C58	COL60X60	12.500	36.000	VNC16	0.076	VNC10	0.042	VNC6
1ER (N+0.36)	C58	COL60X60	25.000	36.000	VNC16	0.076	VNC10	0.042	VNC6
1ER(N-0.49)	C58	COL60X60	0.000	36.000	VNC16	0.078	VNC10	0.044	VNC6
1ER(N-0.49)	C58	COL60X60	180.000	36.000	VNC16	0.078	VNC10	0.044	VNC6
1ER(N-0.49)	C58	COL60X60	360.000	36.000	VNC16	0.078	VNC10	0.044	VNC6
1ER (N+0.36)	C59	COL60X60	0.000	36.000	VNC16	0.074	VNC10	0.036	VNC14
1ER (N+0.36)	C59	COL60X60	12.500	36.000	VNC16	0.074	VNC10	0.036	VNC14
1ER (N+0.36)	C59	COL60X60	25.000	36.000	VNC16	0.074	VNC10	0.036	VNC14
1ER(N-0.49)	C59	COL60X60	0.000	36.000	VNC16	0.075	VNC10	0.038	VNC14
1ER(N-0.49)	C59	COL60X60	180.000	36.000	VNC16	0.075	VNC10	0.038	VNC14
1ER(N-0.49)	C59	COL60X60	360.000	36.000	VNC16	0.075	VNC10	0.038	VNC14
1ER (N+0.36)	C62	COL60X60	0.000	36.000	VNC16	0.071	VNC2	0.046	VNC2
1ER (N+0.36)	C62	COL60X60	12.665	36.000	VNC16	0.071	VNC2	0.046	VNC2
1ER (N+0.36)	C62	COL60X60	25.330	36.000	VNC16	0.071	VNC2	0.046	VNC2
1ER(N-0.49)	C62	COL60X60	0.000	36.000	VNC16	0.072	VNC2	0.048	VNC2
1ER(N-0.49)	C62	COL60X60	180.000	36.000	VNC16	0.072	VNC2	0.048	VNC2
1ER(N-0.49)	C62	COL60X60	360.000	36.000	VNC16	0.072	VNC2	0.048	VNC2
CB1(N+11.30)	C63	COL100	0.000	78.540	VNC16	0.163	VNC2	0.157	VNC8
CB1(N+11.30)	C63	COL100	160.500	78.540	VNC16	0.163	VNC2	0.157	VNC8
CB1(N+11.30)	C63	COL100	321.000	78.540	VNC16	0.163	VNC2	0.157	VNC8
3ER(N+7.20)	C63	COL100	0.000	78.540	VNC16	0.016	VNC6	0.024	VNC6
3ER(N+7.20)	C63	COL100	171.000	78.540	VNC16	0.016	VNC6	0.024	VNC6
3ER(N+7.20)	C63	COL100	342.000	78.540	VNC16	0.016	VNC6	0.024	VNC6
2DO(N+3.78)	C63	COL100	0.000	90.492	VNC12	0.243	VNC10	0.088	VNC14
2DO(N+3.78)	C63	COL100	141.000	78.540	VNC16	0.243	VNC10	0.088	VNC14
2DO(N+3.78)	C63	COL100	282.000	78.540	VNC16	0.263	VNC4	0.088	VNC14
1ER (N+0.36)	C63	COL100	0.000	78.540	VNC16	0.279	VNC12	0.015	VNC16
1ER (N+0.36)	C63	COL100	12.500	78.540	VNC16	0.279	VNC12	0.015	VNC16
1ER (N+0.36)	C63	COL100	25.000	78.540	VNC16	0.279	VNC12	0.015	VNC16
1ER(N-0.49)	C63	COL100	0.000	89.878	VNC12	0.238	VNC10	0.027	VNC14




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 85 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	C63	COL100	180.000	78.540	VNC16	0.238	VNC10	0.027	VNC14
1ER(N-0.49)	C63	COL100	360.000	78.540	VNC16	0.238	VNC10	0.027	VNC14
1ER(N-0.49)	C11	COL60X60	0.000	36.000	VNC16	0.067	VNC4	0.029	VNC4
1ER(N-0.49)	C11	COL60X60	150.000	36.000	VNC16	0.067	VNC4	0.029	VNC4
1ER(N-0.49)	C11	COL60X60	300.000	36.000	VNC16	0.071	VNC2	0.030	VNC2
SOT1(N-4.09)	C11	COL60X60	0.000	36.000	VNC16	0.007	VNC2	0.006	VNC4
SOT1(N-4.09)	C11	COL60X60	148.000	36.000	VNC16	0.007	VNC2	0.006	VNC4
SOT1(N-4.09)	C11	COL60X60	296.000	36.000	VNC16	0.007	VNC2	0.006	VNC4
1ER(N-0.49)	C13	COL60X60	0.000	36.000	VNC16	0.062	VNC14	0.028	VNC10
1ER(N-0.49)	C13	COL60X60	150.000	36.000	VNC16	0.062	VNC14	0.028	VNC10
1ER(N-0.49)	C13	COL60X60	300.000	36.000	VNC16	0.062	VNC14	0.028	VNC10
SOT1(N-4.09)	C13	COL60X60	0.000	36.000	VNC16	0.007	VNC2	0.006	VNC2
SOT1(N-4.09)	C13	COL60X60	148.000	36.000	VNC16	0.007	VNC2	0.006	VNC2
SOT1(N-4.09)	C13	COL60X60	296.000	36.000	VNC16	0.007	VNC2	0.006	VNC2
1ER(N-0.49)	C14	COL60X60	0.000	36.000	VNC16	0.098	VNC4	0.076	VNC10
1ER(N-0.49)	C14	COL60X60	150.000	36.000	VNC16	0.098	VNC4	0.076	VNC10
1ER(N-0.49)	C14	COL60X60	300.000	36.000	VNC16	0.098	VNC4	0.076	VNC10
SOT1(N-4.09)	C14	COL60X60	0.000	36.000	VNC16	0.005	VNC4	0.004	VNC2
SOT1(N-4.09)	C14	COL60X60	148.000	36.000	VNC16	0.005	VNC4	0.004	VNC2
SOT1(N-4.09)	C14	COL60X60	296.000	36.000	VNC16	0.005	VNC4	0.004	VNC2
1ER(N-0.49)	C15	COL60X60	0.000	36.000	VNC16	0.071	VNC14	0.033	VNC4
1ER(N-0.49)	C15	COL60X60	150.000	36.000	VNC16	0.071	VNC14	0.033	VNC4
1ER(N-0.49)	C15	COL60X60	300.000	36.000	VNC16	0.071	VNC14	0.033	VNC4
SOT1(N-4.09)	C15	COL60X60	0.000	36.000	VNC16	0.005	VNC6	0.014	VNC2
SOT1(N-4.09)	C15	COL60X60	148.000	36.000	VNC16	0.005	VNC6	0.014	VNC2
SOT1(N-4.09)	C15	COL60X60	296.000	36.000	VNC16	0.005	VNC6	0.014	VNC2
1ER(N-0.49)	C16	COL60X60	0.000	36.000	VNC16	0.061	VNC16	0.039	VNC10
1ER(N-0.49)	C16	COL60X60	150.000	36.000	VNC16	0.061	VNC16	0.039	VNC10
1ER(N-0.49)	C16	COL60X60	300.000	36.000	VNC16	0.061	VNC16	0.039	VNC10
SOT1(N-4.09)	C16	COL60X60	0.000	36.000	VNC16	0.005	VNC6	0.010	VNC2
SOT1(N-4.09)	C16	COL60X60	148.000	36.000	VNC16	0.005	VNC6	0.010	VNC2
SOT1(N-4.09)	C16	COL60X60	296.000	36.000	VNC16	0.005	VNC6	0.010	VNC2
1ER(N-0.49)	C17	COL60X60	0.000	36.000	VNC16	0.104	VNC4	0.076	VNC10
1ER(N-0.49)	C17	COL60X60	150.000	36.000	VNC16	0.104	VNC4	0.076	VNC10
1ER(N-0.49)	C17	COL60X60	300.000	36.000	VNC16	0.104	VNC4	0.076	VNC10
SOT1(N-4.09)	C17	COL60X60	0.000	36.000	VNC16	0.005	VNC6	0.006	VNC2
SOT1(N-4.09)	C17	COL60X60	148.000	36.000	VNC16	0.005	VNC6	0.006	VNC2
SOT1(N-4.09)	C17	COL60X60	296.000	36.000	VNC16	0.005	VNC6	0.006	VNC2



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 86 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

## **ANEXO 6.3. DISEÑO DE VIGAS**


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 87 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

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CONCRETE BEAM DESIGN OUTPUT (ACI 318-08/IBC 2009)

FLEXURAL AND TORSION DESIGN OF BEAM-TYPE ELEMENTS


STORY ID	BEAM BAY	SECTION ID	STATION ID	-----REQUIRED REINFORCING----->					
				TOP	COMBO	BOTTOM	COMBO	TORSION	COMBO
CB3(N+20.57)	B32	V35X60	30.000	6.114	ENVOL	3.013	ENVOL	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	80.000	3.825	ENVOL	2.656	ENVOL	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	130.000	1.684	ENVOL	2.989	ENVOL	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	180.000	1.496	ENVOL	3.223	ENVOL	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	180.000	1.496	ENVOL	3.223	ENVOL	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	225.000	1.496	ENVOL	2.584	C2	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	270.000	1.496	ENVOL	2.634	C2	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	315.000	1.496	ENVOL	2.798	ENVOL	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	360.000	1.496	ENVOL	3.474	ENVOL	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	360.000	1.496	ENVOL	3.475	ENVOL	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	403.333	1.840	ENVOL	3.241	ENVOL	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	446.667	3.715	ENVOL	2.933	ENVOL	0.000	ENVOL
CB3(N+20.57)	B32	V35X60	490.000	5.701	ENVOL	2.812	ENVOL	0.000	ENVOL
CB3(N+20.57)	B33	V35X60	30.000	8.178	ENVOL	5.309	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	76.438	6.445	ENVOL	2.621	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	122.875	4.918	ENVOL	2.621	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	169.313	2.621	ENVOL	2.621	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	215.750	2.621	ENVOL	2.621	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	262.188	2.621	ENVOL	2.621	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	308.625	2.621	ENVOL	3.352	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	355.063	2.621	ENVOL	4.810	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	401.500	2.621	ENVOL	6.023	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	401.500	2.621	ENVOL	6.024	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	445.750	2.965	ENVOL	6.078	ENVOL	7.344	ENVOL
CB3(N+20.57)	B33	V35X60	490.000	5.414	ENVOL	5.891	ENVOL	7.344	ENVOL
CB3(N+20.57)	B35	V35X60	50.000	4.329	ENVOL	4.124	ENVOL	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	93.333	2.548	ENVOL	4.282	ENVOL	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	136.667	1.941	ENVOL	4.170	ENVOL	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	180.000	1.941	ENVOL	3.788	ENVOL	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	180.000	1.941	ENVOL	3.788	ENVOL	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	225.000	1.941	ENVOL	3.101	ENVOL	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	270.000	1.941	ENVOL	2.753	C2	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	315.000	1.941	ENVOL	2.382	C2	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	360.000	1.941	ENVOL	2.371	ENVOL	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	360.000	1.941	ENVOL	2.371	ENVOL	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	410.000	2.666	ENVOL	2.170	ENVOL	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	460.000	5.111	ENVOL	1.941	ENVOL	0.000	ENVOL
CB3(N+20.57)	B35	V35X60	510.000	6.445	ENVOL	3.918	ENVOL	0.000	ENVOL
CB3(N+20.57)	B36	V35X60	50.000	5.284	ENVOL	6.088	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	96.000	3.037	ENVOL	5.961	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	142.000	2.863	ENVOL	5.503	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	188.000	2.863	ENVOL	4.716	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	234.000	2.863	ENVOL	3.608	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	280.000	2.863	ENVOL	2.863	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	280.000	2.863	ENVOL	2.863	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	326.000	2.863	ENVOL	2.863	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	372.000	2.863	ENVOL	2.863	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	418.000	4.946	ENVOL	2.863	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	464.000	6.445	ENVOL	2.863	ENVOL	7.344	ENVOL
CB3(N+20.57)	B36	V35X60	510.000	8.967	ENVOL	5.805	ENVOL	7.344	ENVOL
CB3(N+20.57)	B42	V60X60	30.000	6.337	ENVOL	9.428	ENVOL	0.000	ENVOL
CB3(N+20.57)	B42	V60X60	78.000	4.524	ENVOL	4.524	ENVOL	0.000	ENVOL
CB3(N+20.57)	B42	V60X60	126.000	4.524	ENVOL	4.524	ENVOL	0.000	ENVOL
CB3(N+20.57)	B42	V60X60	174.000	6.236	ENVOL	4.524	ENVOL	0.000	ENVOL
CB3(N+20.57)	B42	V60X60	222.000	11.048	ENVOL	6.531	ENVOL	0.000	ENVOL
CB3(N+20.57)	B42	V60X60	270.000	14.120	ENVOL	9.164	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 88 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB3(N+20.57)	B43	V60X60	30.000	10.687	ENVOL	11.048	ENVOL	0.000	ENVOL
CB3(N+20.57)	B43	V60X60	78.000	4.871	ENVOL	6.537	ENVOL	0.000	ENVOL
CB3(N+20.57)	B43	V60X60	126.000	4.871	ENVOL	4.871	ENVOL	0.000	ENVOL
CB3(N+20.57)	B43	V60X60	174.000	5.362	ENVOL	6.074	ENVOL	0.000	ENVOL
CB3(N+20.57)	B43	V60X60	222.000	11.048	ENVOL	10.611	ENVOL	0.000	ENVOL
CB3(N+20.57)	B43	V60X60	270.000	15.251	ENVOL	11.048	ENVOL	0.000	ENVOL
CB3(N+20.57)	B53	V60X60	30.000	7.445	ENVOL	7.479	ENVOL	0.000	ENVOL
CB3(N+20.57)	B53	V60X60	78.000	3.403	ENVOL	3.506	ENVOL	0.000	ENVOL
CB3(N+20.57)	B53	V60X60	126.000	3.403	ENVOL	3.403	ENVOL	0.000	ENVOL
CB3(N+20.57)	B53	V60X60	174.000	4.761	ENVOL	4.693	ENVOL	0.000	ENVOL
CB3(N+20.57)	B53	V60X60	222.000	9.246	ENVOL	8.497	ENVOL	0.000	ENVOL
CB3(N+20.57)	B53	V60X60	270.000	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
CB3(N+20.57)	B54	V60X60	30.000	10.718	ENVOL	10.411	ENVOL	0.000	ENVOL
CB3(N+20.57)	B54	V60X60	77.500	4.810	ENVOL	5.610	ENVOL	0.000	ENVOL
CB3(N+20.57)	B54	V60X60	125.000	4.264	ENVOL	4.264	ENVOL	0.000	ENVOL
CB3(N+20.57)	B54	V60X60	172.500	4.695	ENVOL	5.693	ENVOL	0.000	ENVOL
CB3(N+20.57)	B54	V60X60	220.000	10.497	ENVOL	10.598	ENVOL	0.000	ENVOL
CB3(N+20.57)	B54	V60X60	220.000	10.497	ENVOL	10.598	ENVOL	0.000	ENVOL
CB3(N+20.57)	B54	V60X60	270.000	13.276	ENVOL	11.280	ENVOL	0.000	ENVOL
CB3(N+20.57)	B59	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B59	V60X60	40.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B59	V60X60	80.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B59	V60X60	120.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B60	V60X60	0.000	1.255	ENVOL	0.626	ENVOL	0.000	ENVOL
CB3(N+20.57)	B60	V60X60	40.000	1.076	ENVOL	0.313	ENVOL	0.000	ENVOL
CB3(N+20.57)	B60	V60X60	80.000	0.899	ENVOL	0.313	ENVOL	0.000	ENVOL
CB3(N+20.57)	B60	V60X60	120.000	0.725	ENVOL	0.362	ENVOL	0.000	ENVOL
CB3(N+20.57)	B70	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B70	V60X60	30.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B70	V60X60	60.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B70	V60X60	60.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B70	V60X60	90.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B70	V60X60	120.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B71	V60X60	0.000	1.024	ENVOL	0.834	ENVOL	0.000	ENVOL
CB3(N+20.57)	B71	V60X60	40.000	0.566	ENVOL	0.541	ENVOL	0.000	ENVOL
CB3(N+20.57)	B71	V60X60	80.000	1.288	ENVOL	0.541	ENVOL	0.000	ENVOL
CB3(N+20.57)	B71	V60X60	120.000	2.175	ENVOL	1.084	ENVOL	0.000	ENVOL
CB3(N+20.57)	B73	V60X60	0.000	1.836	ENVOL	0.916	ENVOL	11.334	ENVOL
CB3(N+20.57)	B73	V60X60	42.500	1.224	ENVOL	0.457	ENVOL	11.334	ENVOL
CB3(N+20.57)	B73	V60X60	85.000	0.736	ENVOL	0.457	ENVOL	11.334	ENVOL
CB3(N+20.57)	B73	V60X60	127.500	0.838	ENVOL	0.457	ENVOL	11.334	ENVOL
CB3(N+20.57)	B73	V60X60	170.000	1.495	ENVOL	0.457	ENVOL	11.334	ENVOL
CB3(N+20.57)	B73	V60X60	170.000	1.751	ENVOL	0.457	ENVOL	11.334	ENVOL
CB3(N+20.57)	B73	V60X60	180.000	1.753	ENVOL	0.874	ENVOL	11.334	ENVOL
CB3(N+20.57)	B74	V60X60	0.000	0.357	ENVOL	0.178	ENVOL	11.334	ENVOL
CB3(N+20.57)	B74	V60X60	45.000	0.126	ENVOL	0.133	ENVOL	11.334	ENVOL
CB3(N+20.57)	B74	V60X60	90.000	0.126	ENVOL	0.126	ENVOL	11.334	ENVOL
CB3(N+20.57)	B74	V60X60	135.000	0.158	ENVOL	0.126	ENVOL	11.334	ENVOL
CB3(N+20.57)	B74	V60X60	180.000	0.504	ENVOL	0.252	ENVOL	11.334	ENVOL
CB3(N+20.57)	B75	V60X60	0.000	1.351	ENVOL	0.946	ENVOL	11.334	ENVOL
CB3(N+20.57)	B75	V60X60	42.500	0.822	ENVOL	0.576	ENVOL	11.334	ENVOL
CB3(N+20.57)	B75	V60X60	85.000	0.418	ENVOL	0.403	ENVOL	11.334	ENVOL
CB3(N+20.57)	B75	V60X60	127.500	0.596	ENVOL	0.403	ENVOL	11.334	ENVOL
CB3(N+20.57)	B75	V60X60	170.000	1.311	ENVOL	0.403	ENVOL	11.334	ENVOL
CB3(N+20.57)	B75	V60X60	170.000	1.617	ENVOL	0.532	ENVOL	11.334	ENVOL
CB3(N+20.57)	B75	V60X60	180.000	1.619	ENVOL	0.808	ENVOL	11.334	ENVOL
CB3(N+20.57)	B76	V60X60	0.000	0.330	ENVOL	0.165	ENVOL	0.000	ENVOL
CB3(N+20.57)	B76	V60X60	45.000	0.129	ENVOL	0.129	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 89 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	B76	V60X60	90.000	0.129	ENVOL	0.129	ENVOL	0.000	ENVOL
CB3(N+20.57)	B76	V60X60	135.000	0.168	ENVOL	0.129	ENVOL	0.000	ENVOL
CB3(N+20.57)	B76	V60X60	180.000	0.515	ENVOL	0.257	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	0.000	18.683	ENVOL	11.048	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	40.000	15.504	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	80.000	12.491	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	120.000	11.048	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	160.000	9.228	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	160.000	9.228	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	202.500	6.279	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	245.000	5.906	ENVOL	6.681	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	287.500	5.906	ENVOL	7.547	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	330.000	5.906	ENVOL	8.291	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	330.000	5.906	ENVOL	8.291	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	372.500	5.906	ENVOL	8.500	C2	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	415.000	5.906	ENVOL	9.048	C2	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	457.500	5.906	ENVOL	9.470	C2	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	500.000	5.906	ENVOL	9.767	C2	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	500.000	5.906	ENVOL	9.767	C2	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	542.500	5.906	ENVOL	9.168	C2	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	585.000	5.906	ENVOL	8.683	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	627.500	5.906	ENVOL	8.975	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	670.000	5.906	ENVOL	9.142	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	670.000	5.906	ENVOL	9.142	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	712.500	5.906	ENVOL	8.478	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	755.000	5.906	ENVOL	7.690	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	797.500	6.218	ENVOL	6.781	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	840.000	9.082	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	840.000	9.082	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	880.000	11.048	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	920.000	12.255	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	960.000	15.199	ENVOL	5.906	ENVOL	11.334	ENVOL
CB3(N+20.57)	B157	V60X60	1000.000	18.307	ENVOL	11.048	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	0.000	18.735	ENVOL	11.048	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	50.000	14.834	ENVOL	5.922	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	100.000	11.343	ENVOL	5.922	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	150.000	10.973	ENVOL	5.922	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	200.000	7.291	ENVOL	5.922	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	250.000	5.922	ENVOL	6.647	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	300.000	5.922	ENVOL	7.227	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	350.000	5.922	ENVOL	7.434	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	400.000	5.922	ENVOL	7.268	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	450.000	5.922	ENVOL	6.914	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	500.000	5.922	ENVOL	7.171	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	550.000	5.922	ENVOL	7.471	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	600.000	5.922	ENVOL	8.130	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	650.000	5.922	ENVOL	8.415	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	700.000	5.922	ENVOL	8.325	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	750.000	5.922	ENVOL	7.860	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	800.000	7.209	ENVOL	7.023	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	850.000	10.769	ENVOL	5.922	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	900.000	11.094	ENVOL	5.922	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	950.000	14.483	ENVOL	5.922	ENVOL	11.334	ENVOL
CB3(N+20.57)	B158	V60X60	1000.000	18.275	ENVOL	11.048	ENVOL	11.334	ENVOL
CB3(N+20.57)	B188	V60X60	0.000	14.272	ENVOL	9.260	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	40.000	12.164	ENVOL	4.571	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	80.000	11.048	ENVOL	4.571	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	120.000	11.048	ENVOL	4.571	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	160.000	8.723	ENVOL	4.799	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	160.000	8.723	ENVOL	4.799	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	202.500	6.548	ENVOL	5.184	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	245.000	4.571	ENVOL	5.446	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	287.500	4.571	ENVOL	5.585	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	330.000	4.571	ENVOL	5.600	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	330.000	4.571	ENVOL	5.600	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	372.500	4.571	ENVOL	5.325	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 90 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	B188	V60X60	415.000	4.571	ENVOL	4.928	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	457.500	4.571	ENVOL	4.788	C2	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	500.000	4.571	ENVOL	4.995	C2	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	500.000	4.571	ENVOL	4.995	C2	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	542.500	4.571	ENVOL	5.036	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	585.000	4.571	ENVOL	5.735	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	627.500	4.571	ENVOL	6.314	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	670.000	4.571	ENVOL	6.770	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	670.000	4.571	ENVOL	6.770	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	712.500	4.571	ENVOL	6.935	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	755.000	4.571	ENVOL	6.976	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	797.500	5.743	ENVOL	6.892	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	840.000	7.727	ENVOL	6.683	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	840.000	7.727	ENVOL	6.683	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	880.000	9.891	ENVOL	6.215	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	920.000	11.048	ENVOL	5.639	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	960.000	11.048	ENVOL	4.955	ENVOL	0.000	ENVOL
CB3(N+20.57)	B188	V60X60	1000.000	12.938	ENVOL	8.417	ENVOL	0.000	ENVOL
CB3(N+20.57)	B189	V60X60	0.000	18.806	ENVOL	11.048	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	50.000	14.897	ENVOL	5.943	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	100.000	11.399	ENVOL	5.943	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	150.000	11.040	ENVOL	5.943	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	200.000	7.349	ENVOL	5.943	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	250.000	5.943	ENVOL	6.357	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	300.000	5.943	ENVOL	6.996	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	350.000	5.943	ENVOL	7.263	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	400.000	5.943	ENVOL	7.157	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	450.000	5.943	ENVOL	6.884	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	500.000	5.943	ENVOL	7.166	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	550.000	5.943	ENVOL	7.459	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	600.000	5.943	ENVOL	8.124	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	650.000	5.943	ENVOL	8.417	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	700.000	5.943	ENVOL	8.333	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	750.000	5.943	ENVOL	7.875	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	800.000	6.838	ENVOL	7.044	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	850.000	10.329	ENVOL	5.943	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	900.000	11.048	ENVOL	5.943	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	950.000	14.040	ENVOL	5.943	ENVOL	11.334	ENVOL
CB3(N+20.57)	B189	V60X60	1000.000	17.769	ENVOL	11.048	ENVOL	11.334	ENVOL
CB3(N+20.57)	B270	V60X60	0.000	1.815	ENVOL	0.905	ENVOL	11.334	ENVOL
CB3(N+20.57)	B270	V60X60	10.000	1.814	ENVOL	0.452	ENVOL	11.334	ENVOL
CB3(N+20.57)	B270	V60X60	10.000	1.574	ENVOL	0.452	ENVOL	11.334	ENVOL
CB3(N+20.57)	B270	V60X60	52.500	0.934	ENVOL	0.452	ENVOL	11.334	ENVOL
CB3(N+20.57)	B270	V60X60	95.000	0.452	ENVOL	0.452	ENVOL	11.334	ENVOL
CB3(N+20.57)	B270	V60X60	137.500	0.452	ENVOL	0.452	ENVOL	11.334	ENVOL
CB3(N+20.57)	B270	V60X60	180.000	0.281	ENVOL	0.260	ENVOL	11.334	ENVOL
CB3(N+20.57)	B271	V60X60	0.000	0.436	ENVOL	0.218	ENVOL	0.000	ENVOL
CB3(N+20.57)	B271	V60X60	45.000	0.139	ENVOL	0.109	ENVOL	0.000	ENVOL
CB3(N+20.57)	B271	V60X60	90.000	0.109	ENVOL	0.109	ENVOL	0.000	ENVOL
CB3(N+20.57)	B271	V60X60	135.000	0.109	ENVOL	0.140	ENVOL	0.000	ENVOL
CB3(N+20.57)	B271	V60X60	180.000	0.234	ENVOL	0.117	ENVOL	0.000	ENVOL
CB3(N+20.57)	B272	V60X60	0.000	1.333	ENVOL	0.665	ENVOL	11.334	ENVOL
CB3(N+20.57)	B272	V60X60	10.000	1.332	ENVOL	0.382	ENVOL	11.334	ENVOL
CB3(N+20.57)	B272	V60X60	10.000	1.191	ENVOL	0.332	ENVOL	11.334	ENVOL
CB3(N+20.57)	B272	V60X60	52.500	0.665	ENVOL	0.332	ENVOL	11.334	ENVOL
CB3(N+20.57)	B272	V60X60	95.000	0.332	ENVOL	0.332	ENVOL	11.334	ENVOL
CB3(N+20.57)	B272	V60X60	137.500	0.332	ENVOL	0.332	ENVOL	11.334	ENVOL
CB3(N+20.57)	B272	V60X60	180.000	0.333	ENVOL	0.190	ENVOL	11.334	ENVOL
CB3(N+20.57)	B273	V60X60	0.000	0.450	ENVOL	0.225	ENVOL	0.000	ENVOL
CB3(N+20.57)	B273	V60X60	45.000	0.149	ENVOL	0.112	ENVOL	0.000	ENVOL
CB3(N+20.57)	B273	V60X60	90.000	0.112	ENVOL	0.112	ENVOL	0.000	ENVOL
CB3(N+20.57)	B273	V60X60	135.000	0.112	ENVOL	0.135	ENVOL	0.000	ENVOL
CB3(N+20.57)	B273	V60X60	180.000	0.234	ENVOL	0.117	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 91 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	B274	V60X60	0.000	0.337	ENVOL	0.168	ENVOL	11.334	C14
CB3(N+20.57)	B274	V60X60	40.000	0.731	ENVOL	0.595	ENVOL	11.334	C14
CB3(N+20.57)	B274	V60X60	80.000	1.438	ENVOL	0.595	ENVOL	11.334	C14
CB3(N+20.57)	B274	V60X60	120.000	2.390	ENVOL	1.191	ENVOL	11.334	C14
CB3(N+20.57)	B275	V60X60	0.000	0.221	ENVOL	0.110	ENVOL	11.334	ENVOL
CB3(N+20.57)	B275	V60X60	40.000	0.151	ENVOL	0.140	ENVOL	11.334	ENVOL
CB3(N+20.57)	B275	V60X60	80.000	0.281	ENVOL	0.140	ENVOL	11.334	ENVOL
CB3(N+20.57)	B275	V60X60	120.000	0.559	ENVOL	0.279	ENVOL	11.334	ENVOL
CB3(N+20.57)	B276	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B276	V60X60	43.333	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B276	V60X60	86.667	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B276	V60X60	130.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B276	V60X60	130.000	0.000	ENVOL	0.000	C14	11.334	ENVOL
CB3(N+20.57)	B276	V60X60	171.500	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B276	V60X60	213.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B276	V60X60	213.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B276	V60X60	230.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B286	V60X60	60.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B286	V60X60	106.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B286	V60X60	152.000	0.000	C18	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B286	V60X60	198.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B286	V60X60	244.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B286	V60X60	290.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
CB3(N+20.57)	B287	V60X60	60.000	9.832	ENVOL	14.044	ENVOL	0.000	ENVOL
CB3(N+20.57)	B287	V60X60	103.333	9.325	ENVOL	9.423	ENVOL	0.000	ENVOL
CB3(N+20.57)	B287	V60X60	146.667	9.325	ENVOL	9.325	ENVOL	0.000	ENVOL
CB3(N+20.57)	B287	V60X60	190.000	9.325	ENVOL	9.325	ENVOL	0.000	ENVOL
CB3(N+20.57)	B287	V60X60	190.000	9.325	ENVOL	9.325	ENVOL	0.000	ENVOL
CB3(N+20.57)	B287	V60X60	240.000	17.996	ENVOL	11.048	ENVOL	0.000	ENVOL
CB3(N+20.57)	B287	V60X60	290.000	30.619	ENVOL	14.375	ENVOL	0.000	ENVOL
CB3(N+20.57)	B288	V60X60	0.000	1.616	ENVOL	0.970	ENVOL	11.334	ENVOL
CB3(N+20.57)	B288	V60X60	30.000	1.384	ENVOL	0.926	ENVOL	11.334	ENVOL
CB3(N+20.57)	B288	V60X60	60.000	1.286	ENVOL	0.748	ENVOL	11.334	ENVOL
CB3(N+20.57)	B288	V60X60	60.000	0.403	ENVOL	0.403	ENVOL	11.334	ENVOL
CB3(N+20.57)	B288	V60X60	90.000	0.403	ENVOL	0.403	ENVOL	11.334	ENVOL
CB3(N+20.57)	B288	V60X60	120.000	0.187	ENVOL	0.094	ENVOL	11.334	ENVOL
CB3(N+20.57)	B289	V60X60	0.000	0.523	ENVOL	0.261	ENVOL	11.334	ENVOL
CB3(N+20.57)	B289	V60X60	40.000	0.258	ENVOL	0.148	ENVOL	11.334	ENVOL
CB3(N+20.57)	B289	V60X60	80.000	0.142	ENVOL	0.131	ENVOL	11.334	ENVOL
CB3(N+20.57)	B289	V60X60	120.000	0.228	ENVOL	0.114	ENVOL	11.334	ENVOL
CB2(N+14.60)	B32	V35X60	30.000	13.080	ENVOL	6.445	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	76.250	9.527	ENVOL	4.088	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	122.500	6.445	ENVOL	4.088	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	168.750	4.640	ENVOL	4.088	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	215.000	4.088	ENVOL	4.088	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	261.250	4.088	ENVOL	4.088	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	307.500	4.088	ENVOL	4.841	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	353.750	4.088	ENVOL	6.445	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	400.000	4.088	ENVOL	7.613	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	400.000	4.088	ENVOL	7.614	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	445.000	4.088	ENVOL	8.293	ENVOL	0.000	ENVOL
CB2(N+14.60)	B32	V35X60	490.000	5.016	ENVOL	8.782	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	50.000	6.445	ENVOL	6.917	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	96.000	3.802	ENVOL	6.508	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	142.000	3.717	ENVOL	6.445	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	188.000	3.717	ENVOL	6.445	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	234.000	3.717	ENVOL	4.837	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	280.000	3.717	ENVOL	3.717	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	280.000	3.717	ENVOL	3.717	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	326.000	3.717	ENVOL	3.717	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	372.000	3.717	ENVOL	3.752	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 92 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B35	V35X60	418.000	6.445	ENVOL	3.717	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	464.000	8.122	ENVOL	3.717	ENVOL	0.000	ENVOL
CB2(N+14.60)	B35	V35X60	510.000	11.812	ENVOL	6.445	ENVOL	0.000	ENVOL
CB2(N+14.60)	B42	V60X60	30.000	10.237	ENVOL	9.828	ENVOL	11.334	ENVOL
CB2(N+14.60)	B42	V60X60	78.000	4.057	ENVOL	5.879	ENVOL	11.334	ENVOL
CB2(N+14.60)	B42	V60X60	126.000	4.057	ENVOL	4.057	ENVOL	11.334	ENVOL
CB2(N+14.60)	B42	V60X60	174.000	4.057	ENVOL	6.463	ENVOL	11.334	ENVOL
CB2(N+14.60)	B42	V60X60	222.000	9.848	ENVOL	10.754	ENVOL	11.334	ENVOL
CB2(N+14.60)	B42	V60X60	270.000	12.607	ENVOL	11.048	ENVOL	11.334	ENVOL
CB2(N+14.60)	B53	V60X60	30.000	8.825	ENVOL	9.860	ENVOL	0.000	ENVOL
CB2(N+14.60)	B53	V60X60	77.500	4.034	ENVOL	5.408	ENVOL	0.000	ENVOL
CB2(N+14.60)	B53	V60X60	125.000	4.034	ENVOL	4.034	ENVOL	0.000	ENVOL
CB2(N+14.60)	B53	V60X60	172.500	4.233	ENVOL	5.025	ENVOL	0.000	ENVOL
CB2(N+14.60)	B53	V60X60	220.000	9.678	ENVOL	9.053	ENVOL	0.000	ENVOL
CB2(N+14.60)	B53	V60X60	220.000	9.678	ENVOL	9.053	ENVOL	11.334	ENVOL
CB2(N+14.60)	B53	V60X60	270.000	12.531	ENVOL	11.048	ENVOL	11.334	ENVOL
CB2(N+14.60)	B59	V60X60	0.000	0.181	ENVOL	0.091	ENVOL	0.000	ENVOL
CB2(N+14.60)	B59	V60X60	40.000	0.045	ENVOL	0.045	ENVOL	0.000	ENVOL
CB2(N+14.60)	B59	V60X60	80.000	0.045	ENVOL	0.094	ENVOL	0.000	ENVOL
CB2(N+14.60)	B59	V60X60	120.000	0.043	ENVOL	0.069	ENVOL	0.000	ENVOL
CB2(N+14.60)	B73	V60X60	0.000	0.196	ENVOL	0.098	ENVOL	0.000	ENVOL
CB2(N+14.60)	B73	V60X60	45.000	0.123	ENVOL	0.136	ENVOL	0.000	ENVOL
CB2(N+14.60)	B73	V60X60	90.000	0.123	ENVOL	0.123	ENVOL	0.000	ENVOL
CB2(N+14.60)	B73	V60X60	135.000	0.148	ENVOL	0.123	ENVOL	0.000	ENVOL
CB2(N+14.60)	B73	V60X60	180.000	0.492	ENVOL	0.246	ENVOL	0.000	ENVOL
CB2(N+14.60)	B75	V60X60	0.000	0.260	ENVOL	0.130	ENVOL	0.000	ENVOL
CB2(N+14.60)	B75	V60X60	45.000	0.108	ENVOL	0.108	ENVOL	0.000	ENVOL
CB2(N+14.60)	B75	V60X60	90.000	0.108	ENVOL	0.108	ENVOL	0.000	ENVOL
CB2(N+14.60)	B75	V60X60	135.000	0.127	ENVOL	0.108	ENVOL	0.000	ENVOL
CB2(N+14.60)	B75	V60X60	180.000	0.434	ENVOL	0.217	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	0.000	17.022	ENVOL	10.982	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	50.000	13.390	ENVOL	5.408	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	100.000	11.048	ENVOL	5.408	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	150.000	9.694	ENVOL	5.408	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	200.000	6.308	ENVOL	5.408	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	250.000	5.408	ENVOL	5.759	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	300.000	5.408	ENVOL	6.539	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	350.000	5.408	ENVOL	6.951	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	400.000	5.408	ENVOL	6.990	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	450.000	5.408	ENVOL	6.738	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	500.000	5.408	ENVOL	6.965	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	550.000	5.408	ENVOL	6.758	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	600.000	5.408	ENVOL	6.940	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	650.000	5.408	ENVOL	6.952	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	700.000	5.408	ENVOL	6.591	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	750.000	5.408	ENVOL	5.860	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	800.000	5.857	ENVOL	5.408	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	850.000	9.183	ENVOL	5.408	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	900.000	11.048	ENVOL	5.408	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	950.000	12.909	ENVOL	5.408	ENVOL	11.334	ENVOL
CB2(N+14.60)	B157	V60X60	1000.000	16.485	ENVOL	10.647	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	0.000	16.789	ENVOL	10.837	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	50.000	13.176	ENVOL	5.337	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	100.000	11.048	ENVOL	5.337	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	150.000	9.453	ENVOL	5.337	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	200.000	6.087	ENVOL	5.337	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	250.000	5.337	ENVOL	5.809	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	300.000	5.337	ENVOL	6.600	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	350.000	5.337	ENVOL	7.021	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	400.000	5.337	ENVOL	7.071	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	450.000	5.337	ENVOL	6.823	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	500.000	5.337	ENVOL	7.050	ENVOL	11.334	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 93 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B188	V60X60	550.000	5.337	ENVOL	6.843	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	600.000	5.337	ENVOL	7.039	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	650.000	5.337	ENVOL	7.035	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	700.000	5.337	ENVOL	6.658	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	750.000	5.337	ENVOL	5.912	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	800.000	5.698	ENVOL	5.337	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	850.000	9.011	ENVOL	5.337	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	900.000	11.048	ENVOL	5.337	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	950.000	12.758	ENVOL	5.337	ENVOL	11.334	ENVOL
CB2(N+14.60)	B188	V60X60	1000.000	16.322	ENVOL	10.545	ENVOL	11.334	ENVOL
CB2(N+14.60)	B270	V60X60	0.000	0.460	ENVOL	0.230	ENVOL	0.000	ENVOL
CB2(N+14.60)	B270	V60X60	45.000	0.123	ENVOL	0.115	ENVOL	0.000	ENVOL
CB2(N+14.60)	B270	V60X60	90.000	0.115	ENVOL	0.115	ENVOL	0.000	ENVOL
CB2(N+14.60)	B270	V60X60	135.000	0.167	ENVOL	0.147	ENVOL	0.000	ENVOL
CB2(N+14.60)	B270	V60X60	180.000	0.443	ENVOL	0.221	ENVOL	0.000	ENVOL
CB2(N+14.60)	B272	V60X60	0.000	0.452	ENVOL	0.226	ENVOL	0.000	ENVOL
CB2(N+14.60)	B272	V60X60	45.000	0.122	ENVOL	0.113	ENVOL	0.000	ENVOL
CB2(N+14.60)	B272	V60X60	90.000	0.113	ENVOL	0.113	ENVOL	0.000	ENVOL
CB2(N+14.60)	B272	V60X60	135.000	0.175	ENVOL	0.137	ENVOL	0.000	ENVOL
CB2(N+14.60)	B272	V60X60	180.000	0.454	ENVOL	0.227	ENVOL	0.000	ENVOL
CB2(N+14.60)	B274	V60X60	0.000	0.110	ENVOL	0.055	ENVOL	0.000	ENVOL
CB2(N+14.60)	B274	V60X60	40.000	0.105	ENVOL	0.105	ENVOL	0.000	ENVOL
CB2(N+14.60)	B274	V60X60	80.000	0.175	ENVOL	0.105	ENVOL	0.000	ENVOL
CB2(N+14.60)	B274	V60X60	120.000	0.419	ENVOL	0.209	ENVOL	0.000	ENVOL
CB2(N+14.60)	B276	V60X60	0.000	28.975	ENVOL	13.656	ENVOL	0.000	ENVOL
CB2(N+14.60)	B276	V60X60	46.000	18.816	ENVOL	8.871	ENVOL	0.000	ENVOL
CB2(N+14.60)	B276	V60X60	92.000	11.048	ENVOL	8.871	ENVOL	0.000	ENVOL
CB2(N+14.60)	B276	V60X60	138.000	8.871	ENVOL	8.871	ENVOL	0.000	ENVOL
CB2(N+14.60)	B276	V60X60	184.000	8.871	ENVOL	9.459	ENVOL	0.000	ENVOL
CB2(N+14.60)	B276	V60X60	230.000	6.783	ENVOL	15.674	ENVOL	0.000	ENVOL
CB2(N+14.60)	B286	V60X60	60.000	7.669	ENVOL	14.802	ENVOL	0.000	ENVOL
CB2(N+14.60)	B286	V60X60	106.000	8.375	ENVOL	8.984	ENVOL	0.000	ENVOL
CB2(N+14.60)	B286	V60X60	152.000	8.375	ENVOL	8.375	ENVOL	0.000	ENVOL
CB2(N+14.60)	B286	V60X60	198.000	11.048	ENVOL	8.375	ENVOL	0.000	ENVOL
CB2(N+14.60)	B286	V60X60	244.000	17.690	ENVOL	8.935	ENVOL	0.000	ENVOL
CB2(N+14.60)	B286	V60X60	290.000	27.202	ENVOL	12.873	ENVOL	0.000	ENVOL
CB2(N+14.60)	B288	V60X60	0.000	0.400	ENVOL	0.200	ENVOL	0.000	ENVOL
CB2(N+14.60)	B288	V60X60	40.000	0.164	ENVOL	0.108	ENVOL	0.000	ENVOL
CB2(N+14.60)	B288	V60X60	80.000	0.100	ENVOL	0.100	ENVOL	0.000	ENVOL
CB2(N+14.60)	B288	V60X60	120.000	0.112	ENVOL	0.056	ENVOL	0.000	ENVOL
CB2(N+14.60)	B296	V60X60	0.000	18.947	ENVOL	15.817	ENVOL	11.334	ENVOL
CB2(N+14.60)	B296	V60X60	48.000	13.118	ENVOL	13.586	ENVOL	11.334	ENVOL
CB2(N+14.60)	B296	V60X60	96.000	10.846	ENVOL	11.048	ENVOL	11.334	ENVOL
CB2(N+14.60)	B296	V60X60	144.000	5.985	ENVOL	9.961	ENVOL	11.334	ENVOL
CB2(N+14.60)	B296	V60X60	192.000	5.985	ENVOL	5.985	ENVOL	11.334	ENVOL
CB2(N+14.60)	B296	V60X60	240.000	5.985	ENVOL	5.985	ENVOL	11.334	ENVOL
CB2(N+14.60)	B296	V60X60	240.000	5.985	ENVOL	5.985	ENVOL	11.334	ENVOL
CB2(N+14.60)	B296	V60X60	273.753	5.985	ENVOL	5.985	ENVOL	11.334	ENVOL
CB2(N+14.60)	B296	V60X60	307.507	10.130	ENVOL	8.041	ENVOL	11.334	ENVOL
CB2(N+14.60)	B296	V60X60	341.260	11.665	ENVOL	9.785	ENVOL	11.334	ENVOL
CB2(N+14.60)	B297	V60X60	0.000	19.629	ENVOL	14.080	ENVOL	11.334	ENVOL
CB2(N+14.60)	B297	V60X60	48.000	13.619	ENVOL	12.257	ENVOL	11.334	ENVOL
CB2(N+14.60)	B297	V60X60	96.000	11.048	ENVOL	11.048	ENVOL	11.334	ENVOL
CB2(N+14.60)	B297	V60X60	144.000	6.187	ENVOL	9.236	ENVOL	11.334	ENVOL
CB2(N+14.60)	B297	V60X60	192.000	6.187	ENVOL	6.187	ENVOL	11.334	ENVOL
CB2(N+14.60)	B297	V60X60	240.000	6.187	ENVOL	6.187	ENVOL	11.334	ENVOL
CB2(N+14.60)	B297	V60X60	240.000	6.187	ENVOL	6.187	ENVOL	11.334	ENVOL
CB2(N+14.60)	B297	V60X60	273.753	6.187	ENVOL	6.221	ENVOL	11.334	ENVOL
CB2(N+14.60)	B297	V60X60	307.507	9.209	ENVOL	8.432	ENVOL	11.334	ENVOL
CB2(N+14.60)	B297	V60X60	341.260	11.048	ENVOL	10.313	ENVOL	11.334	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 94 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB2(N+14.60)	B306	V40X60	0.000	0.259	ENVOL	0.129	ENVOL	8.280	ENVOL
CB2(N+14.60)	B306	V40X60	41.727	0.077	ENVOL	0.077	ENVOL	8.280	ENVOL
CB2(N+14.60)	B306	V40X60	83.455	0.077	ENVOL	0.082	ENVOL	8.280	ENVOL
CB2(N+14.60)	B306	V40X60	125.182	0.113	ENVOL	0.119	ENVOL	8.280	ENVOL
CB2(N+14.60)	B306	V40X60	166.909	0.309	ENVOL	0.155	ENVOL	8.280	ENVOL
CB2(N+14.60)	B307	V40X60	0.000	0.597	ENVOL	0.298	ENVOL	6.874	C18
CB2(N+14.60)	B307	V40X60	44.364	0.531	ENVOL	0.377	ENVOL	6.874	C18
CB2(N+14.60)	B307	V40X60	88.727	0.564	ENVOL	0.404	ENVOL	6.874	C18
CB2(N+14.60)	B307	V40X60	133.091	0.686	ENVOL	0.345	ENVOL	6.874	C18
CB2(N+14.60)	B308	V40X60	0.000	7.365	ENVOL	5.979	ENVOL	7.890	C18
CB2(N+14.60)	B308	V40X60	41.057	6.592	ENVOL	4.589	ENVOL	7.890	C18
CB2(N+14.60)	B308	V40X60	82.114	3.972	ENVOL	3.141	ENVOL	7.890	C18
CB2(N+14.60)	B308	V40X60	123.171	2.272	ENVOL	2.272	ENVOL	7.890	C18
CB2(N+14.60)	B308	V40X60	164.227	2.272	ENVOL	2.272	ENVOL	7.890	C18
CB2(N+14.60)	B308	V40X60	205.284	1.964	ENVOL	3.615	ENVOL	7.890	C18
CB2(N+14.60)	B310	V40X60	0.000	2.154	ENVOL	3.405	ENVOL	8.166	C18
CB2(N+14.60)	B310	V40X60	41.057	0.842	ENVOL	1.564	ENVOL	8.166	C18
CB2(N+14.60)	B310	V40X60	82.114	1.411	ENVOL	1.737	ENVOL	8.166	C18
CB2(N+14.60)	B310	V40X60	123.171	3.740	ENVOL	3.376	ENVOL	8.166	C18
CB2(N+14.60)	B310	V40X60	164.228	6.203	ENVOL	4.970	ENVOL	8.166	C18
CB2(N+14.60)	B310	V40X60	205.285	7.365	ENVOL	6.509	ENVOL	8.166	C18
CB2(N+14.60)	B310	V40X60	205.285	0.842	ENVOL	0.842	ENVOL	7.221	C18
CB2(N+14.60)	B310	V40X60	249.648	0.842	ENVOL	0.842	ENVOL	7.221	C18
CB2(N+14.60)	B310	V40X60	294.012	0.842	ENVOL	0.842	ENVOL	7.221	C18
CB2(N+14.60)	B310	V40X60	338.375	0.560	ENVOL	0.311	ENVOL	7.221	C18
CB2(N+14.60)	B312	V40X60	0.000	0.316	ENVOL	0.158	ENVOL	7.660	ENVOL
CB2(N+14.60)	B312	V40X60	41.728	0.115	ENVOL	0.107	ENVOL	7.660	ENVOL
CB2(N+14.60)	B312	V40X60	83.455	0.079	ENVOL	0.084	ENVOL	7.660	ENVOL
CB2(N+14.60)	B312	V40X60	125.183	0.079	ENVOL	0.079	ENVOL	7.660	ENVOL
CB2(N+14.60)	B312	V40X60	166.910	0.231	ENVOL	0.116	ENVOL	7.660	ENVOL
CB2(N+14.60)	B321	V20X60	0.000	3.730	ENVOL	2.448	ENVOL	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	46.364	2.527	ENVOL	1.311	ENVOL	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	92.727	1.311	ENVOL	1.311	ENVOL	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	139.091	1.311	ENVOL	2.470	C2	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	185.454	1.311	ENVOL	3.454	C2	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	231.818	1.311	ENVOL	3.683	C2	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	278.182	1.311	ENVOL	3.683	C2	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	324.545	1.311	ENVOL	3.683	C2	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	370.909	1.311	ENVOL	2.797	C2	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	417.273	1.311	ENVOL	1.397	C2	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	463.636	2.541	ENVOL	1.311	ENVOL	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	510.000	4.033	ENVOL	2.644	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	0.000	0.526	ENVOL	0.263	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	36.873	0.291	ENVOL	0.315	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	73.746	0.259	ENVOL	0.301	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	110.619	0.441	ENVOL	0.131	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	110.619	0.257	ENVOL	0.175	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	138.793	0.240	ENVOL	0.180	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	138.793	0.472	ENVOL	0.131	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	183.574	0.131	ENVOL	0.209	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	228.356	0.131	ENVOL	0.209	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	273.137	0.312	ENVOL	0.131	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	273.137	0.265	ENVOL	0.131	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	315.138	0.131	ENVOL	0.210	C2	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	357.140	0.131	ENVOL	0.202	C2	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	399.141	0.347	ENVOL	0.131	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	399.141	0.131	ENVOL	0.141	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	435.656	0.137	ENVOL	0.137	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	435.656	0.391	ENVOL	0.131	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	474.807	0.131	ENVOL	0.333	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	513.958	0.131	ENVOL	0.361	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	553.109	0.469	ENVOL	0.234	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 95 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB2(N+14.60)	B324	V20X60	0.000	0.478	ENVOL	0.239	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	39.151	0.119	ENVOL	0.374	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	78.303	0.119	ENVOL	0.347	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	117.454	0.393	ENVOL	0.119	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	117.454	0.548	ENVOL	0.119	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	158.084	0.119	ENVOL	0.221	C2	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	198.713	0.119	ENVOL	0.401	C2	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	239.343	0.119	ENVOL	0.231	C2	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	279.973	0.479	ENVOL	0.119	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	279.973	0.119	ENVOL	0.119	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	317.430	0.119	ENVOL	0.145	C2	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	354.888	0.229	ENVOL	0.119	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	354.888	0.267	ENVOL	0.119	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	398.689	0.138	ENVOL	0.217	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	442.491	0.330	ENVOL	0.119	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	442.491	0.378	ENVOL	0.137	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	484.851	0.269	ENVOL	0.286	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	527.211	0.440	ENVOL	0.156	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	527.211	0.395	ENVOL	0.287	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	553.110	0.397	ENVOL	0.289	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	0.000	4.066	ENVOL	2.665	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	46.364	2.549	ENVOL	1.322	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	92.727	1.322	ENVOL	1.379	C2	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	139.091	1.322	ENVOL	2.783	C2	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	185.455	1.322	ENVOL	3.683	C2	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	231.818	1.322	ENVOL	3.683	C2	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	278.182	1.322	ENVOL	3.683	C2	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	324.545	1.322	ENVOL	3.456	C2	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	370.909	1.322	ENVOL	2.476	C2	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	417.273	1.322	ENVOL	1.322	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	463.636	2.506	ENVOL	1.322	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	510.000	3.708	ENVOL	2.434	ENVOL	0.000	ENVOL
CB2(N+14.60)	B339	V20X60	0.000	0.426	ENVOL	0.238	ENVOL	0.000	ENVOL
CB2(N+14.60)	B339	V20X60	48.534	0.206	ENVOL	0.263	ENVOL	0.000	ENVOL
CB2(N+14.60)	B339	V20X60	97.068	0.106	ENVOL	0.236	ENVOL	0.000	ENVOL
CB2(N+14.60)	B339	V20X60	145.602	0.106	ENVOL	0.157	ENVOL	0.000	ENVOL
CB2(N+14.60)	B339	V20X60	194.137	0.106	ENVOL	0.140	ENVOL	0.000	ENVOL
CB2(N+14.60)	B339	V20X60	242.671	0.160	ENVOL	0.150	ENVOL	0.000	ENVOL
CB2(N+14.60)	B339	V20X60	291.205	0.396	ENVOL	0.198	ENVOL	0.000	ENVOL
CB2(N+14.60)	B340	V20X60	0.000	0.420	ENVOL	0.210	ENVOL	0.000	ENVOL
CB2(N+14.60)	B340	V20X60	48.534	0.174	ENVOL	0.137	ENVOL	0.000	ENVOL
CB2(N+14.60)	B340	V20X60	97.068	0.105	ENVOL	0.136	ENVOL	0.000	ENVOL
CB2(N+14.60)	B340	V20X60	145.603	0.105	ENVOL	0.161	ENVOL	0.000	ENVOL
CB2(N+14.60)	B340	V20X60	194.137	0.105	ENVOL	0.250	ENVOL	0.000	ENVOL
CB2(N+14.60)	B340	V20X60	242.671	0.184	ENVOL	0.286	ENVOL	0.000	ENVOL
CB2(N+14.60)	B340	V20X60	291.205	0.395	ENVOL	0.269	ENVOL	0.000	ENVOL
CB2(N+14.60)	B347	V20X60	0.000	0.700	ENVOL	0.393	ENVOL	0.000	ENVOL
CB2(N+14.60)	B347	V20X60	50.000	0.460	ENVOL	0.535	ENVOL	0.000	ENVOL
CB2(N+14.60)	B347	V20X60	100.000	0.577	ENVOL	0.321	ENVOL	0.000	ENVOL
CB2(N+14.60)	B350	V20X60	0.000	0.526	ENVOL	0.328	ENVOL	0.000	ENVOL
CB2(N+14.60)	B350	V20X60	50.000	0.404	ENVOL	0.543	ENVOL	0.000	ENVOL
CB2(N+14.60)	B350	V20X60	100.000	0.637	ENVOL	0.403	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	13.876	0.126	ENVOL	0.412	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	63.424	0.139	ENVOL	0.382	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	112.971	0.139	ENVOL	0.151	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	162.518	0.420	ENVOL	0.139	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	162.518	0.485	ENVOL	0.139	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	188.468	0.474	ENVOL	0.139	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	214.418	0.556	ENVOL	0.278	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	0.000	0.556	ENVOL	0.277	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	25.950	0.474	ENVOL	0.139	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	51.900	0.486	ENVOL	0.139	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 96 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B354	V20X60	51.900	0.420	ENVOL	0.139	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	101.447	0.139	ENVOL	0.154	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	150.994	0.139	ENVOL	0.387	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	200.542	0.132	ENVOL	0.417	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	0.000	0.433	ENVOL	0.216	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	44.229	0.240	ENVOL	0.240	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	88.459	0.240	ENVOL	0.240	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	132.688	0.240	ENVOL	0.240	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	176.917	0.492	ENVOL	0.240	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	221.146	0.961	ENVOL	0.480	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	8.853	0.993	ENVOL	0.496	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	53.083	0.513	ENVOL	0.248	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	97.312	0.248	ENVOL	0.248	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	141.541	0.248	ENVOL	0.248	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	185.771	0.248	ENVOL	0.248	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	230.000	0.415	ENVOL	0.207	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	15.000	7.365	ENVOL	4.640	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	55.736	7.365	ENVOL	2.298	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	96.472	5.587	ENVOL	2.568	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	137.207	3.807	ENVOL	3.120	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	137.207	3.785	ENVOL	3.138	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	182.943	2.298	ENVOL	3.329	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	228.679	2.298	ENVOL	3.426	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	274.415	2.298	ENVOL	3.427	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	274.415	2.298	ENVOL	3.425	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	320.151	2.298	ENVOL	2.991	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	365.887	2.298	ENVOL	2.732	C2	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	411.623	2.298	ENVOL	2.933	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	411.623	2.298	ENVOL	2.899	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	457.359	2.298	ENVOL	3.187	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	503.094	2.298	ENVOL	3.381	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	548.830	2.298	ENVOL	3.480	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	548.830	2.298	ENVOL	3.426	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	594.566	3.324	ENVOL	3.089	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	640.302	5.122	ENVOL	2.657	ENVOL	0.000	ENVOL
CB2(N+14.60)	B406	V40X60	686.038	7.046	ENVOL	3.472	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	15.000	7.428	ENVOL	4.849	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	55.736	7.365	ENVOL	2.401	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	96.472	5.914	ENVOL	2.401	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	137.208	4.083	ENVOL	2.766	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	137.208	4.060	ENVOL	2.783	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	182.944	2.465	ENVOL	3.044	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	228.679	2.401	ENVOL	3.210	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	274.415	2.401	ENVOL	3.281	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	274.415	2.401	ENVOL	3.279	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	320.151	2.401	ENVOL	2.914	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	365.887	2.401	ENVOL	2.725	C2	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	411.623	2.401	ENVOL	2.974	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	411.623	2.401	ENVOL	2.940	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	457.359	2.401	ENVOL	3.281	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	503.094	2.401	ENVOL	3.528	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	548.830	2.401	ENVOL	3.680	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	548.830	2.401	ENVOL	3.625	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	594.566	2.982	ENVOL	3.340	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	640.302	4.704	ENVOL	2.960	ENVOL	0.000	ENVOL
CB2(N+14.60)	B410	V40X60	686.038	6.550	ENVOL	3.231	ENVOL	0.000	ENVOL
CB2(N+14.60)	B436	V40X60	0.000	0.136	ENVOL	0.068	ENVOL	8.226	C2
CB2(N+14.60)	B436	V40X60	38.424	0.093	ENVOL	0.093	ENVOL	8.226	C2
CB2(N+14.60)	B436	V40X60	76.847	0.093	ENVOL	0.172	ENVOL	8.226	C2
CB2(N+14.60)	B436	V40X60	115.271	0.170	ENVOL	0.199	ENVOL	8.226	C2
CB2(N+14.60)	B436	V40X60	153.694	0.374	ENVOL	0.187	ENVOL	8.226	C2
CB2(N+14.60)	B437	V40X60	0.000	7.626	ENVOL	7.546	ENVOL	0.000	ENVOL
CB2(N+14.60)	B437	V40X60	46.160	7.365	ENVOL	7.365	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 97 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B437	V40X60	92.319	5.904	ENVOL	5.680	ENVOL	0.000	ENVOL
CB2(N+14.60)	B437	V40X60	138.479	4.016	ENVOL	3.363	ENVOL	0.000	ENVOL
CB2(N+14.60)	B437	V40X60	184.639	3.196	ENVOL	3.196	ENVOL	0.000	ENVOL
CB2(N+14.60)	B437	V40X60	230.798	3.196	ENVOL	3.196	ENVOL	0.000	ENVOL
CB2(N+14.60)	B437	V40X60	276.958	4.180	ENVOL	3.196	ENVOL	0.000	ENVOL
CB2(N+14.60)	B437	V40X60	323.117	7.024	ENVOL	3.196	ENVOL	0.000	ENVOL
CB2(N+14.60)	B437	V40X60	369.277	7.552	ENVOL	3.350	ENVOL	0.000	ENVOL
CB2(N+14.60)	B437	V40X60	415.437	10.001	ENVOL	6.479	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	0.000	18.724	ENVOL	8.843	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	46.630	14.275	ENVOL	5.796	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	93.261	10.354	ENVOL	5.796	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	139.891	7.365	ENVOL	5.796	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	186.521	5.796	ENVOL	5.796	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	233.151	5.796	ENVOL	5.796	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	279.782	5.796	ENVOL	7.365	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	326.412	5.796	ENVOL	8.959	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	373.042	5.796	ENVOL	10.916	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	419.672	5.796	ENVOL	12.606	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	466.303	5.796	ENVOL	14.012	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	512.933	5.796	ENVOL	15.118	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	559.563	5.796	ENVOL	15.911	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	559.563	5.796	ENVOL	15.911	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	606.194	5.796	ENVOL	15.102	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	652.824	5.796	ENVOL	13.982	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	699.454	5.796	ENVOL	12.562	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	746.084	5.796	ENVOL	10.859	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	792.715	5.796	ENVOL	8.889	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	839.345	5.796	ENVOL	7.365	C2	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	885.975	5.796	ENVOL	5.796	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	932.605	5.796	ENVOL	5.796	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	979.236	7.365	ENVOL	5.796	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	1025.866	10.477	ENVOL	5.796	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	1072.496	14.419	ENVOL	5.796	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	1119.126	18.891	ENVOL	8.916	ENVOL	0.000	ENVOL
CB2(N+14.60)	B443	V40X60	0.000	9.281	ENVOL	6.026	ENVOL	0.000	ENVOL
CB2(N+14.60)	B443	V40X60	46.160	7.365	ENVOL	3.945	ENVOL	0.000	ENVOL
CB2(N+14.60)	B443	V40X60	92.319	6.524	ENVOL	2.976	ENVOL	0.000	ENVOL
CB2(N+14.60)	B443	V40X60	138.479	3.891	ENVOL	2.976	ENVOL	0.000	ENVOL
CB2(N+14.60)	B443	V40X60	184.639	2.976	ENVOL	2.976	ENVOL	0.000	ENVOL
CB2(N+14.60)	B443	V40X60	230.798	2.976	ENVOL	2.976	ENVOL	0.000	ENVOL
CB2(N+14.60)	B443	V40X60	276.958	4.348	ENVOL	3.052	ENVOL	0.000	ENVOL
CB2(N+14.60)	B443	V40X60	323.118	6.431	ENVOL	5.161	ENVOL	0.000	ENVOL
CB2(N+14.60)	B443	V40X60	369.277	7.365	ENVOL	7.179	ENVOL	0.000	ENVOL
CB2(N+14.60)	B443	V40X60	415.437	8.331	ENVOL	7.365	ENVOL	0.000	ENVOL
CB2(N+14.60)	B444	V40X60	0.000	0.402	ENVOL	0.201	ENVOL	8.226	C2
CB2(N+14.60)	B444	V40X60	38.424	0.188	ENVOL	0.180	ENVOL	8.226	C2
CB2(N+14.60)	B444	V40X60	76.848	0.100	ENVOL	0.162	ENVOL	8.226	C2
CB2(N+14.60)	B444	V40X60	115.271	0.100	ENVOL	0.100	ENVOL	8.226	C2
CB2(N+14.60)	B444	V40X60	153.695	0.126	ENVOL	0.063	ENVOL	8.226	C2
CB2(N+14.60)	B449	V60X60	0.000	0.382	ENVOL	0.191	ENVOL	11.334	C2
CB2(N+14.60)	B449	V60X60	38.827	0.179	ENVOL	0.095	ENVOL	11.334	C2
CB2(N+14.60)	B449	V60X60	77.654	0.095	ENVOL	0.095	ENVOL	11.334	C2
CB2(N+14.60)	B449	V60X60	116.481	0.136	ENVOL	0.095	ENVOL	11.334	C2
CB2(N+14.60)	B449	V60X60	155.308	0.309	ENVOL	0.155	ENVOL	11.334	C2
CB2(N+14.60)	B450	V60X60	0.000	0.317	ENVOL	0.159	ENVOL	11.334	C2
CB2(N+14.60)	B450	V60X60	38.827	0.139	ENVOL	0.090	ENVOL	11.334	C2
CB2(N+14.60)	B450	V60X60	77.654	0.090	ENVOL	0.090	ENVOL	11.334	C2
CB2(N+14.60)	B450	V60X60	116.481	0.164	ENVOL	0.090	ENVOL	11.334	C2
CB2(N+14.60)	B450	V60X60	155.308	0.360	ENVOL	0.180	ENVOL	11.334	C2
CB2(N+14.60)	B462	V60X60	0.000	35.531	ENVOL	16.484	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	48.161	25.390	ENVOL	10.764	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	96.322	17.556	ENVOL	10.764	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	144.483	11.048	ENVOL	10.764	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 98 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B462	V60X60	192.644	10.764	ENVOL	10.764	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	240.805	10.764	ENVOL	11.652	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	288.966	10.764	ENVOL	16.299	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	337.127	10.764	ENVOL	20.424	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	385.288	10.764	ENVOL	23.970	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	433.449	10.764	ENVOL	26.883	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	481.610	10.764	ENVOL	29.115	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	529.771	10.764	ENVOL	30.622	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	577.932	10.764	ENVOL	31.376	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	626.093	10.764	ENVOL	31.359	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	674.254	10.764	ENVOL	30.574	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	722.415	10.764	ENVOL	29.035	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	770.576	10.764	ENVOL	26.775	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	818.737	10.764	ENVOL	23.833	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	866.897	10.764	ENVOL	20.262	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	915.058	10.764	ENVOL	16.115	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	963.219	10.764	ENVOL	11.447	C2	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	1011.380	10.764	ENVOL	10.764	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	1059.541	11.186	ENVOL	10.764	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	1107.702	17.842	ENVOL	10.764	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	1155.863	25.765	ENVOL	10.764	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	1204.024	35.979	ENVOL	16.673	ENVOL	0.000	ENVOL
CB2(N+14.60)	B483	V60X60	30.000	0.000	ENVOL	9.280	ENVOL	15.520	ENVOL
CB2(N+14.60)	B483	V60X60	77.428	3.454	ENVOL	6.449	ENVOL	15.520	ENVOL
CB2(N+14.60)	B483	V60X60	124.857	3.454	ENVOL	3.514	ENVOL	15.520	ENVOL
CB2(N+14.60)	B483	V60X60	172.285	3.454	ENVOL	3.454	ENVOL	15.520	ENVOL
CB2(N+14.60)	B483	V60X60	219.714	3.454	ENVOL	3.454	ENVOL	15.520	ENVOL
CB2(N+14.60)	B483	V60X60	267.143	6.361	ENVOL	3.454	ENVOL	15.520	ENVOL
CB2(N+14.60)	B483	V60X60	314.571	10.142	ENVOL	3.454	ENVOL	15.520	ENVOL
CB2(N+14.60)	B483	V60X60	362.000	11.048	ENVOL	6.974	ENVOL	15.520	ENVOL
CB2(N+14.60)	B484	V60X60	0.000	11.048	ENVOL	6.612	ENVOL	15.597	ENVOL
CB2(N+14.60)	B484	V60X60	47.429	9.675	ENVOL	3.276	ENVOL	15.597	ENVOL
CB2(N+14.60)	B484	V60X60	94.857	6.168	ENVOL	3.276	ENVOL	15.597	ENVOL
CB2(N+14.60)	B484	V60X60	142.286	3.276	ENVOL	3.276	ENVOL	15.597	ENVOL
CB2(N+14.60)	B484	V60X60	189.714	3.276	ENVOL	3.276	ENVOL	15.597	ENVOL
CB2(N+14.60)	B484	V60X60	237.143	3.276	ENVOL	3.276	ENVOL	15.597	ENVOL
CB2(N+14.60)	B484	V60X60	284.572	3.276	ENVOL	5.597	ENVOL	15.597	ENVOL
CB2(N+14.60)	B484	V60X60	332.000	0.000	ENVOL	8.141	ENVOL	15.597	ENVOL
CB2(N+14.60)	B490	V60X60	20.302	20.522	ENVOL	11.048	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	70.072	13.889	ENVOL	6.562	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	119.842	11.048	ENVOL	6.562	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	169.613	6.562	ENVOL	6.562	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	219.383	6.562	ENVOL	9.379	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	269.153	6.562	ENVOL	11.048	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	318.924	6.562	ENVOL	14.583	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	368.694	6.562	ENVOL	17.780	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	418.464	6.562	ENVOL	20.551	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	468.235	6.562	ENVOL	22.864	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	518.005	6.562	ENVOL	24.692	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	567.775	6.562	ENVOL	26.012	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	617.546	6.562	ENVOL	26.806	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	667.316	6.562	ENVOL	27.064	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	717.086	6.562	ENVOL	26.781	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	766.857	6.562	ENVOL	25.961	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	816.627	6.562	ENVOL	24.617	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	866.397	6.562	ENVOL	22.765	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	916.168	6.562	ENVOL	20.430	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	965.938	6.562	ENVOL	17.639	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	1015.708	6.562	ENVOL	14.422	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	1065.479	6.562	ENVOL	11.048	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	1115.249	6.562	ENVOL	9.118	C2	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	1165.019	6.562	ENVOL	6.562	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	1214.790	11.048	ENVOL	6.562	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	1264.560	14.204	ENVOL	6.562	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	1314.330	20.899	ENVOL	11.048	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 99 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B1	V60X60	0.000	0.354	ENVOL	0.177	ENVOL	11.334	C2
CB1(N+11.30)	B1	V60X60	45.000	0.194	ENVOL	0.194	ENVOL	11.334	C2
CB1(N+11.30)	B1	V60X60	90.000	0.194	ENVOL	0.289	ENVOL	11.334	C2
CB1(N+11.30)	B1	V60X60	135.000	0.302	ENVOL	0.290	ENVOL	11.334	C2
CB1(N+11.30)	B1	V60X60	180.000	0.776	ENVOL	0.388	ENVOL	11.334	C2
CB1(N+11.30)	B2	V60X60	0.000	26.786	ENVOL	19.877	ENVOL	11.334	ENVOL
CB1(N+11.30)	B2	V60X60	47.143	20.355	ENVOL	15.338	ENVOL	11.334	ENVOL
CB1(N+11.30)	B2	V60X60	94.286	14.446	ENVOL	11.048	ENVOL	11.334	ENVOL
CB1(N+11.30)	B2	V60X60	141.429	11.048	ENVOL	8.258	ENVOL	11.334	ENVOL
CB1(N+11.30)	B2	V60X60	188.571	8.258	ENVOL	8.258	ENVOL	11.334	ENVOL
CB1(N+11.30)	B2	V60X60	235.714	8.258	ENVOL	8.258	ENVOL	11.334	ENVOL
CB1(N+11.30)	B2	V60X60	282.857	10.957	ENVOL	8.258	ENVOL	11.334	ENVOL
CB1(N+11.30)	B2	V60X60	330.000	13.663	ENVOL	11.048	ENVOL	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	30.000	11.749	ENVOL	7.662	ENVOL	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	80.000	9.172	ENVOL	5.469	ENVOL	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	130.000	5.469	ENVOL	5.469	ENVOL	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	180.000	5.469	ENVOL	7.977	C2	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	230.000	5.469	ENVOL	11.048	C2	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	280.000	5.469	ENVOL	12.713	C2	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	280.000	5.469	ENVOL	15.726	C2	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	325.714	5.469	ENVOL	13.024	C2	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	371.429	5.469	ENVOL	11.048	ENVOL	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	417.143	5.469	ENVOL	9.265	C2	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	462.857	5.469	ENVOL	6.136	ENVOL	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	508.571	9.195	ENVOL	5.469	ENVOL	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	554.286	11.816	ENVOL	5.469	ENVOL	11.334	ENVOL
CB1(N+11.30)	B3	V60X60	600.000	17.226	C14	11.048	ENVOL	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	30.000	16.893	ENVOL	10.901	ENVOL	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	79.286	11.539	ENVOL	5.369	ENVOL	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	128.571	8.951	ENVOL	5.369	ENVOL	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	177.857	5.369	ENVOL	5.552	ENVOL	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	227.143	5.369	ENVOL	8.576	C2	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	276.429	5.369	ENVOL	11.048	C2	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	325.714	5.369	ENVOL	11.818	C2	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	375.000	5.369	ENVOL	14.084	C2	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	375.000	5.369	ENVOL	11.259	C2	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	420.000	5.369	ENVOL	10.991	C2	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	465.000	5.369	ENVOL	7.204	ENVOL	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	510.000	5.369	ENVOL	5.369	ENVOL	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	555.000	9.581	ENVOL	5.369	ENVOL	11.334	ENVOL
CB1(N+11.30)	B4	V60X60	600.000	11.580	ENVOL	7.554	ENVOL	11.334	ENVOL
CB1(N+11.30)	B5	V60X60	30.000	14.487	ENVOL	11.048	ENVOL	11.334	ENVOL
CB1(N+11.30)	B5	V60X60	78.000	10.637	ENVOL	8.350	ENVOL	11.334	ENVOL
CB1(N+11.30)	B5	V60X60	126.000	8.350	ENVOL	8.350	ENVOL	11.334	ENVOL
CB1(N+11.30)	B5	V60X60	174.000	8.350	ENVOL	8.350	ENVOL	11.334	ENVOL
CB1(N+11.30)	B5	V60X60	222.000	10.350	ENVOL	10.512	ENVOL	11.334	ENVOL
CB1(N+11.30)	B5	V60X60	270.000	13.197	C14	12.506	ENVOL	11.334	ENVOL
CB1(N+11.30)	B5	V60X60	270.000	13.333	ENVOL	12.271	C14	11.334	ENVOL
CB1(N+11.30)	B5	V60X60	315.000	19.931	ENVOL	15.508	ENVOL	11.334	ENVOL
CB1(N+11.30)	B5	V60X60	360.000	27.111	ENVOL	18.647	ENVOL	11.334	ENVOL
CB1(N+11.30)	B6	V60X60	0.000	0.783	ENVOL	0.391	ENVOL	11.334	C2
CB1(N+11.30)	B6	V60X60	45.000	0.306	ENVOL	0.275	ENVOL	11.334	C2
CB1(N+11.30)	B6	V60X60	90.000	0.195	ENVOL	0.282	ENVOL	11.334	C2
CB1(N+11.30)	B6	V60X60	135.000	0.195	ENVOL	0.195	ENVOL	11.334	C2
CB1(N+11.30)	B6	V60X60	180.000	0.346	ENVOL	0.173	ENVOL	11.334	C2
CB1(N+11.30)	B7	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	45.714	0.000	ENVOL	1.125	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	91.429	0.000	ENVOL	1.883	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	137.143	0.000	ENVOL	2.264	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	182.857	0.000	ENVOL	2.264	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	228.571	0.000	ENVOL	1.883	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	274.286	0.000	ENVOL	1.125	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	320.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 100 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B12	V60X60	0.000	13.067	ENVOL	8.499	ENVOL	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	47.273	11.048	ENVOL	4.200	ENVOL	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	94.545	6.665	ENVOL	4.539	ENVOL	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	141.818	4.200	ENVOL	5.673	ENVOL	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	189.091	4.200	ENVOL	6.110	ENVOL	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	236.364	4.200	ENVOL	6.891	C2	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	283.636	4.200	ENVOL	7.302	C2	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	330.909	4.200	ENVOL	6.965	C2	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	378.182	4.200	ENVOL	7.458	ENVOL	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	425.455	4.200	ENVOL	7.378	ENVOL	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	472.727	5.867	ENVOL	6.591	ENVOL	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	520.000	10.411	ENVOL	5.131	ENVOL	0.000	ENVOL
CB1(N+11.30)	B15	V50X60	17.500	7.820	ENVOL	3.860	ENVOL	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	62.143	3.568	ENVOL	4.510	ENVOL	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	106.786	3.568	ENVOL	6.952	ENVOL	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	151.429	3.568	ENVOL	8.694	C2	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	196.071	3.568	ENVOL	9.207	ENVOL	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	240.714	3.568	ENVOL	9.207	ENVOL	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	285.357	3.568	ENVOL	9.207	ENVOL	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	330.000	3.568	ENVOL	9.207	C2	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	330.000	3.568	ENVOL	9.207	C2	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	373.333	3.568	ENVOL	7.361	C2	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	416.667	3.568	ENVOL	4.362	C2	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	460.000	5.544	ENVOL	3.568	ENVOL	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	460.000	6.811	ENVOL	3.568	ENVOL	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	490.000	9.207	ENVOL	3.568	ENVOL	9.864	ENVOL
CB1(N+11.30)	B15	V50X60	520.000	11.110	ENVOL	7.222	ENVOL	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	17.500	5.890	ENVOL	3.165	ENVOL	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	60.000	3.650	ENVOL	6.099	ENVOL	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	102.500	3.650	ENVOL	8.316	ENVOL	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	145.000	3.650	ENVOL	9.207	ENVOL	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	187.500	3.650	ENVOL	9.207	ENVOL	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	230.000	3.650	ENVOL	9.207	ENVOL	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	230.000	3.650	ENVOL	9.207	ENVOL	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	278.333	3.650	ENVOL	9.207	C2	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	326.667	3.650	ENVOL	7.041	C2	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	375.000	3.650	ENVOL	3.937	C2	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	423.333	4.771	ENVOL	3.650	ENVOL	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	471.667	9.207	ENVOL	3.650	ENVOL	9.864	ENVOL
CB1(N+11.30)	B18	V50X60	520.000	11.376	ENVOL	7.390	ENVOL	9.864	ENVOL
CB1(N+11.30)	B20	V60X60	0.000	13.508	ENVOL	8.777	ENVOL	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	45.714	11.048	ENVOL	4.336	ENVOL	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	91.429	8.252	ENVOL	4.336	ENVOL	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	137.143	4.336	ENVOL	4.336	ENVOL	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	182.857	4.336	ENVOL	4.870	ENVOL	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	228.571	4.336	ENVOL	5.976	C2	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	274.286	4.336	ENVOL	7.361	C2	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	320.000	4.336	ENVOL	8.332	C2	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	320.000	4.336	ENVOL	8.506	C2	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	370.000	4.336	ENVOL	8.565	ENVOL	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	420.000	4.336	ENVOL	8.268	ENVOL	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	470.000	4.682	ENVOL	7.178	ENVOL	11.334	ENVOL
CB1(N+11.30)	B20	V60X60	520.000	9.677	ENVOL	5.309	ENVOL	11.334	ENVOL
CB1(N+11.30)	B22	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	45.000	0.000	ENVOL	2.415	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	90.000	0.000	ENVOL	4.458	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	135.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	180.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	225.000	0.000	ENVOL	6.085	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	270.000	0.000	ENVOL	6.336	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	270.000	0.000	ENVOL	6.557	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	315.000	0.000	ENVOL	5.555	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	360.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	405.000	0.000	ENVOL	4.583	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 101 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B22	V30X60	450.000	0.000	ENVOL	3.099	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	495.000	0.000	ENVOL	1.571	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	30.000	14.289	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	76.250	10.691	ENVOL	6.339	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	122.500	9.207	ENVOL	5.526	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	168.750	5.997	ENVOL	4.538	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	215.000	4.538	ENVOL	4.538	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	261.250	4.538	ENVOL	4.538	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	307.500	4.538	ENVOL	4.538	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	353.750	4.538	ENVOL	6.288	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	400.000	5.301	ENVOL	8.707	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	400.000	5.301	ENVOL	8.707	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	445.000	9.207	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	490.000	10.262	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	50.000	39.945	ENVOL	18.317	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	96.000	29.248	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	142.000	19.150	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	188.000	10.184	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	234.000	9.207	ENVOL	11.424	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	280.000	9.207	ENVOL	20.041	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	280.000	9.207	ENVOL	16.827	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	324.167	9.207	ENVOL	19.285	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	368.333	9.207	ENVOL	21.541	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	412.500	9.207	ENVOL	23.581	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	456.667	9.207	ENVOL	25.391	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	500.833	9.207	ENVOL	26.956	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	545.000	9.207	ENVOL	28.264	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	545.000	9.207	ENVOL	28.261	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	587.500	9.207	ENVOL	29.261	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	630.000	9.207	ENVOL	30.004	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	630.000	9.207	ENVOL	30.003	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	666.667	9.207	ENVOL	29.250	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	703.333	9.207	ENVOL	28.306	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	740.000	9.207	ENVOL	27.179	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	740.000	9.207	ENVOL	27.182	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	784.167	9.207	ENVOL	25.584	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	828.333	9.207	ENVOL	23.743	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	872.500	9.207	ENVOL	21.672	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	916.667	9.207	ENVOL	19.387	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	960.833	9.207	ENVOL	16.901	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	1005.000	9.207	ENVOL	14.230	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	1005.000	9.207	ENVOL	17.198	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	1046.000	9.207	ENVOL	9.493	C2	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	1087.000	11.066	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	1128.000	19.199	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	1169.000	28.249	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	1210.000	38.204	ENVOL	17.383	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	50.000	10.325	ENVOL	9.042	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	96.000	9.207	ENVOL	8.347	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	142.000	5.877	ENVOL	7.251	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	188.000	4.522	ENVOL	5.762	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	234.000	4.522	ENVOL	4.522	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	280.000	4.522	ENVOL	4.522	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	280.000	4.522	ENVOL	4.522	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	326.000	4.522	ENVOL	4.522	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	372.000	4.864	ENVOL	5.171	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	418.000	8.939	ENVOL	5.845	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	464.000	10.218	ENVOL	6.052	ENVOL	0.000	ENVOL
CB1(N+11.30)	B35	V50X60	510.000	14.237	ENVOL	9.184	ENVOL	0.000	ENVOL
CB1(N+11.30)	B42	V60X60	30.000	4.279	ENVOL	5.772	ENVOL	0.000	ENVOL
CB1(N+11.30)	B42	V60X60	78.000	3.989	ENVOL	3.989	ENVOL	0.000	ENVOL
CB1(N+11.30)	B42	V60X60	126.000	3.989	ENVOL	3.989	ENVOL	0.000	ENVOL
CB1(N+11.30)	B42	V60X60	174.000	5.269	ENVOL	3.989	ENVOL	0.000	ENVOL
CB1(N+11.30)	B42	V60X60	222.000	10.445	ENVOL	4.100	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 102 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B42	V60X60	270.000	12.385	ENVOL	8.066	ENVOL	0.000	ENVOL
CB1(N+11.30)	B53	V60X60	30.000	4.404	ENVOL	4.880	ENVOL	0.000	ENVOL
CB1(N+11.30)	B53	V60X60	77.500	3.338	ENVOL	3.338	ENVOL	0.000	ENVOL
CB1(N+11.30)	B53	V60X60	125.000	3.338	ENVOL	3.338	ENVOL	0.000	ENVOL
CB1(N+11.30)	B53	V60X60	172.500	4.575	ENVOL	3.338	ENVOL	0.000	ENVOL
CB1(N+11.30)	B53	V60X60	220.000	8.459	ENVOL	4.824	ENVOL	0.000	ENVOL
CB1(N+11.30)	B53	V60X60	220.000	8.460	ENVOL	4.824	ENVOL	0.000	ENVOL
CB1(N+11.30)	B53	V60X60	270.000	11.048	ENVOL	6.737	ENVOL	0.000	ENVOL
CB1(N+11.30)	B59	V60X60	0.000	0.142	ENVOL	0.071	ENVOL	0.000	ENVOL
CB1(N+11.30)	B59	V60X60	40.000	0.040	ENVOL	0.062	ENVOL	0.000	ENVOL
CB1(N+11.30)	B59	V60X60	80.000	0.040	ENVOL	0.040	ENVOL	0.000	ENVOL
CB1(N+11.30)	B59	V60X60	120.000	0.161	ENVOL	0.080	ENVOL	0.000	ENVOL
CB1(N+11.30)	B70	V60X60	0.000	0.231	ENVOL	0.115	ENVOL	0.000	ENVOL
CB1(N+11.30)	B70	V60X60	40.000	0.058	ENVOL	0.088	ENVOL	0.000	ENVOL
CB1(N+11.30)	B70	V60X60	80.000	0.058	ENVOL	0.070	ENVOL	0.000	ENVOL
CB1(N+11.30)	B70	V60X60	120.000	0.160	ENVOL	0.080	ENVOL	0.000	ENVOL
CB1(N+11.30)	B73	V60X60	0.000	0.519	ENVOL	0.259	ENVOL	0.000	ENVOL
CB1(N+11.30)	B73	V60X60	45.000	0.232	ENVOL	0.163	ENVOL	0.000	ENVOL
CB1(N+11.30)	B73	V60X60	90.000	0.163	ENVOL	0.163	ENVOL	0.000	ENVOL
CB1(N+11.30)	B73	V60X60	135.000	0.281	ENVOL	0.163	ENVOL	0.000	ENVOL
CB1(N+11.30)	B73	V60X60	180.000	0.653	ENVOL	0.326	ENVOL	0.000	ENVOL
CB1(N+11.30)	B75	V60X60	0.000	0.453	ENVOL	0.226	ENVOL	0.000	ENVOL
CB1(N+11.30)	B75	V60X60	45.000	0.188	ENVOL	0.168	ENVOL	0.000	ENVOL
CB1(N+11.30)	B75	V60X60	90.000	0.168	ENVOL	0.168	ENVOL	0.000	ENVOL
CB1(N+11.30)	B75	V60X60	135.000	0.285	ENVOL	0.168	ENVOL	0.000	ENVOL
CB1(N+11.30)	B75	V60X60	180.000	0.671	ENVOL	0.335	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	0.000	14.237	ENVOL	9.238	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	50.000	11.048	ENVOL	4.763	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	100.000	10.689	ENVOL	4.763	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	150.000	7.244	ENVOL	4.763	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	200.000	4.763	ENVOL	4.763	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	250.000	4.763	ENVOL	5.436	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	300.000	4.763	ENVOL	6.367	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	350.000	4.763	ENVOL	6.930	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	400.000	4.763	ENVOL	7.122	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	450.000	4.763	ENVOL	7.022	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	500.000	4.763	ENVOL	7.175	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	550.000	4.763	ENVOL	6.894	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	600.000	4.763	ENVOL	6.387	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	650.000	4.763	ENVOL	6.064	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	700.000	4.763	ENVOL	5.373	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	750.000	4.763	ENVOL	4.763	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	800.000	4.763	ENVOL	4.763	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	850.000	7.678	ENVOL	4.763	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	900.000	11.048	ENVOL	4.763	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	950.000	11.487	ENVOL	4.763	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	1000.000	14.900	ENVOL	9.655	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	0.000	14.553	ENVOL	9.436	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	50.000	11.220	ENVOL	4.695	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	100.000	11.010	ENVOL	4.695	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	150.000	7.519	ENVOL	4.695	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	200.000	4.695	ENVOL	4.695	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	250.000	4.695	ENVOL	5.229	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	300.000	4.695	ENVOL	6.192	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	350.000	4.695	ENVOL	6.787	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	400.000	4.695	ENVOL	7.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	450.000	4.695	ENVOL	6.971	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	500.000	4.695	ENVOL	7.158	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	550.000	4.695	ENVOL	6.909	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	600.000	4.695	ENVOL	6.471	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	650.000	4.695	ENVOL	6.185	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	700.000	4.695	ENVOL	5.533	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 103 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B188	V60X60	750.000	4.695	ENVOL	4.695	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	800.000	4.695	ENVOL	4.695	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	850.000	7.497	ENVOL	4.695	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	900.000	11.047	ENVOL	4.695	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	950.000	11.294	ENVOL	4.695	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	1000.000	14.676	ENVOL	9.514	ENVOL	0.000	ENVOL
CB1(N+11.30)	B270	V60X60	0.000	0.451	ENVOL	0.225	ENVOL	0.000	ENVOL
CB1(N+11.30)	B270	V60X60	45.000	0.120	ENVOL	0.120	ENVOL	0.000	ENVOL
CB1(N+11.30)	B270	V60X60	90.000	0.120	ENVOL	0.120	ENVOL	0.000	ENVOL
CB1(N+11.30)	B270	V60X60	135.000	0.180	ENVOL	0.143	ENVOL	0.000	ENVOL
CB1(N+11.30)	B270	V60X60	180.000	0.482	ENVOL	0.241	ENVOL	0.000	ENVOL
CB1(N+11.30)	B272	V60X60	0.000	0.445	ENVOL	0.222	ENVOL	0.000	ENVOL
CB1(N+11.30)	B272	V60X60	45.000	0.122	ENVOL	0.122	ENVOL	0.000	ENVOL
CB1(N+11.30)	B272	V60X60	90.000	0.122	ENVOL	0.122	ENVOL	0.000	ENVOL
CB1(N+11.30)	B272	V60X60	135.000	0.184	ENVOL	0.131	ENVOL	0.000	ENVOL
CB1(N+11.30)	B272	V60X60	180.000	0.487	ENVOL	0.244	ENVOL	0.000	ENVOL
CB1(N+11.30)	B274	V60X100	0.000	0.402	ENVOL	0.201	ENVOL	0.000	ENVOL
CB1(N+11.30)	B274	V60X100	40.000	0.639	ENVOL	0.377	ENVOL	0.000	ENVOL
CB1(N+11.30)	B274	V60X100	80.000	1.012	ENVOL	0.518	ENVOL	0.000	ENVOL
CB1(N+11.30)	B274	V60X100	120.000	1.509	ENVOL	0.754	ENVOL	0.000	ENVOL
CB1(N+11.30)	B276	V60X100	0.000	29.228	ENVOL	19.024	ENVOL	0.000	ENVOL
CB1(N+11.30)	B276	V60X100	46.000	21.181	ENVOL	11.501	ENVOL	0.000	ENVOL
CB1(N+11.30)	B276	V60X100	92.000	17.958	ENVOL	9.405	ENVOL	0.000	ENVOL
CB1(N+11.30)	B276	V60X100	138.000	9.405	ENVOL	9.405	ENVOL	0.000	ENVOL
CB1(N+11.30)	B276	V60X100	184.000	9.405	ENVOL	9.405	ENVOL	0.000	ENVOL
CB1(N+11.30)	B276	V60X100	230.000	15.015	ENVOL	10.797	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	60.000	40.135	ENVOL	19.404	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	110.000	33.326	ENVOL	12.784	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	160.000	26.828	ENVOL	12.784	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	210.000	20.621	ENVOL	12.784	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	260.000	19.083	ENVOL	12.784	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	310.000	12.784	ENVOL	12.784	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	360.000	12.784	ENVOL	14.640	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	410.000	12.784	ENVOL	19.083	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	460.000	12.784	ENVOL	20.686	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	510.000	12.784	ENVOL	25.428	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	560.000	12.784	ENVOL	30.090	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	610.000	12.784	ENVOL	34.670	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	660.000	12.784	ENVOL	39.163	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	710.000	12.784	ENVOL	43.564	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	760.000	12.784	ENVOL	47.871	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	760.000	12.784	ENVOL	47.885	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	810.000	12.784	ENVOL	43.550	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	860.000	12.784	ENVOL	39.120	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	910.000	12.784	ENVOL	34.601	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	960.000	12.784	ENVOL	29.995	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	1010.000	12.784	ENVOL	25.306	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	1060.000	12.784	ENVOL	20.540	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	1110.000	12.784	ENVOL	19.083	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	1160.000	12.784	ENVOL	14.382	C2	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	1210.000	12.784	ENVOL	12.784	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	1260.000	19.083	ENVOL	12.784	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	1310.000	20.785	ENVOL	12.784	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	1360.000	26.991	ENVOL	12.784	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	1410.000	33.488	ENVOL	12.784	ENVOL	0.000	ENVOL
CB1(N+11.30)	B281	V60X100	1460.000	40.295	ENVOL	19.478	ENVOL	0.000	ENVOL
CB1(N+11.30)	B286	V60X100	60.000	15.072	ENVOL	10.092	ENVOL	0.000	ENVOL
CB1(N+11.30)	B286	V60X100	106.000	9.140	ENVOL	9.140	ENVOL	0.000	ENVOL
CB1(N+11.30)	B286	V60X100	152.000	9.140	ENVOL	9.140	ENVOL	0.000	ENVOL
CB1(N+11.30)	B286	V60X100	198.000	17.599	ENVOL	9.140	ENVOL	0.000	ENVOL
CB1(N+11.30)	B286	V60X100	244.000	20.628	ENVOL	11.164	ENVOL	0.000	ENVOL
CB1(N+11.30)	B286	V60X100	290.000	28.376	ENVOL	18.483	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 104 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B288	V60X100	0.000	1.464	ENVOL	0.732	ENVOL	0.000	ENVOL
CB1(N+11.30)	B288	V60X100	40.000	0.980	ENVOL	0.512	ENVOL	0.000	ENVOL
CB1(N+11.30)	B288	V60X100	80.000	0.619	ENVOL	0.371	ENVOL	0.000	ENVOL
CB1(N+11.30)	B288	V60X100	120.000	0.399	ENVOL	0.200	ENVOL	0.000	ENVOL
CB1(N+11.30)	B296	V60X60	0.000	16.324	ENVOL	12.983	ENVOL	0.000	ENVOL
CB1(N+11.30)	B296	V60X60	48.000	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
CB1(N+11.30)	B296	V60X60	96.000	8.023	ENVOL	11.033	ENVOL	0.000	ENVOL
CB1(N+11.30)	B296	V60X60	144.000	5.197	ENVOL	6.825	ENVOL	0.000	ENVOL
CB1(N+11.30)	B296	V60X60	192.000	5.197	ENVOL	5.197	ENVOL	0.000	ENVOL
CB1(N+11.30)	B296	V60X60	240.000	5.197	ENVOL	5.708	ENVOL	0.000	ENVOL
CB1(N+11.30)	B296	V60X60	240.000	5.197	ENVOL	5.708	ENVOL	0.000	ENVOL
CB1(N+11.30)	B296	V60X60	273.753	7.940	ENVOL	8.009	ENVOL	0.000	ENVOL
CB1(N+11.30)	B296	V60X60	307.507	11.048	ENVOL	9.973	ENVOL	0.000	ENVOL
CB1(N+11.30)	B296	V60X60	341.260	13.677	ENVOL	11.048	ENVOL	0.000	ENVOL
CB1(N+11.30)	B297	V60X60	0.000	17.215	ENVOL	11.560	ENVOL	0.000	ENVOL
CB1(N+11.30)	B297	V60X60	48.000	11.408	ENVOL	11.048	ENVOL	0.000	ENVOL
CB1(N+11.30)	B297	V60X60	96.000	8.576	ENVOL	10.126	ENVOL	0.000	ENVOL
CB1(N+11.30)	B297	V60X60	144.000	5.466	ENVOL	6.393	ENVOL	0.000	ENVOL
CB1(N+11.30)	B297	V60X60	192.000	5.466	ENVOL	5.466	ENVOL	0.000	ENVOL
CB1(N+11.30)	B297	V60X60	240.000	5.466	ENVOL	5.967	ENVOL	0.000	ENVOL
CB1(N+11.30)	B297	V60X60	240.000	5.466	ENVOL	5.967	ENVOL	0.000	ENVOL
CB1(N+11.30)	B297	V60X60	273.753	7.142	ENVOL	8.462	ENVOL	0.000	ENVOL
CB1(N+11.30)	B297	V60X60	307.507	11.048	ENVOL	10.623	ENVOL	0.000	ENVOL
CB1(N+11.30)	B297	V60X60	341.260	12.534	ENVOL	11.048	ENVOL	0.000	ENVOL
CB1(N+11.30)	B306	V40X60	0.000	0.209	ENVOL	0.105	ENVOL	6.661	C14
CB1(N+11.30)	B306	V40X60	41.727	0.055	ENVOL	0.057	ENVOL	6.661	C14
CB1(N+11.30)	B306	V40X60	83.455	0.055	ENVOL	0.067	ENVOL	6.661	C14
CB1(N+11.30)	B306	V40X60	125.182	0.055	ENVOL	0.085	ENVOL	6.661	C14
CB1(N+11.30)	B306	V40X60	166.909	0.219	ENVOL	0.110	ENVOL	6.661	C14
CB1(N+11.30)	B307	V40X60	0.000	0.214	ENVOL	0.107	ENVOL	7.924	C18
CB1(N+11.30)	B307	V40X60	44.364	0.157	ENVOL	0.168	ENVOL	7.924	C18
CB1(N+11.30)	B307	V40X60	88.727	0.188	ENVOL	0.181	ENVOL	7.924	C18
CB1(N+11.30)	B307	V40X60	133.091	0.308	ENVOL	0.154	ENVOL	7.924	C18
CB1(N+11.30)	B308	V40X60	0.000	7.690	ENVOL	7.129	ENVOL	8.226	ENVOL
CB1(N+11.30)	B308	V40X60	41.057	7.192	ENVOL	5.312	ENVOL	8.226	ENVOL
CB1(N+11.30)	B308	V40X60	82.114	4.287	ENVOL	3.445	ENVOL	8.226	ENVOL
CB1(N+11.30)	B308	V40X60	123.171	2.483	ENVOL	2.483	ENVOL	8.226	ENVOL
CB1(N+11.30)	B308	V40X60	164.227	2.483	ENVOL	2.483	ENVOL	8.226	ENVOL
CB1(N+11.30)	B308	V40X60	205.284	2.497	ENVOL	3.726	ENVOL	8.226	ENVOL
CB1(N+11.30)	B310	V40X60	0.000	2.636	ENVOL	3.567	ENVOL	8.226	ENVOL
CB1(N+11.30)	B310	V40X60	41.057	0.882	ENVOL	1.269	ENVOL	8.226	ENVOL
CB1(N+11.30)	B310	V40X60	82.114	1.501	ENVOL	1.570	C14	8.226	ENVOL
CB1(N+11.30)	B310	V40X60	123.171	4.160	ENVOL	3.566	ENVOL	8.226	ENVOL
CB1(N+11.30)	B310	V40X60	164.228	6.961	ENVOL	5.520	ENVOL	8.226	ENVOL
CB1(N+11.30)	B310	V40X60	205.285	7.434	ENVOL	7.365	ENVOL	8.226	ENVOL
CB1(N+11.30)	B310	V40X60	205.285	0.882	ENVOL	0.882	ENVOL	8.120	C18
CB1(N+11.30)	B310	V40X60	249.648	0.882	ENVOL	0.882	ENVOL	8.120	C18
CB1(N+11.30)	B310	V40X60	294.012	0.882	ENVOL	0.882	ENVOL	8.120	C18
CB1(N+11.30)	B310	V40X60	338.375	0.216	ENVOL	0.108	ENVOL	8.120	C18
CB1(N+11.30)	B312	V40X60	0.000	0.228	ENVOL	0.114	ENVOL	6.894	C14
CB1(N+11.30)	B312	V40X60	41.728	0.057	ENVOL	0.077	ENVOL	6.894	C14
CB1(N+11.30)	B312	V40X60	83.455	0.057	ENVOL	0.067	ENVOL	6.894	C14
CB1(N+11.30)	B312	V40X60	125.183	0.057	ENVOL	0.062	ENVOL	6.894	C14
CB1(N+11.30)	B312	V40X60	166.910	0.194	ENVOL	0.097	ENVOL	6.894	C14
CB1(N+11.30)	B322	V20X60	0.000	4.117	ENVOL	2.698	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	46.364	2.605	ENVOL	1.338	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	92.727	1.338	ENVOL	1.338	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	139.091	1.338	ENVOL	2.737	C2	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	185.454	1.338	ENVOL	3.635	C2	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	231.818	1.338	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	278.182	1.338	ENVOL	3.683	C2	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 105 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B322	V20X60	324.545	1.338	ENVOL	3.398	C2	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	370.909	1.338	ENVOL	2.415	C2	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	417.273	1.338	ENVOL	1.338	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	463.636	2.610	ENVOL	1.338	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	510.000	3.792	ENVOL	2.488	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	0.000	4.157	ENVOL	2.723	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	46.092	3.059	ENVOL	1.465	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	92.185	1.465	ENVOL	1.465	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	138.277	1.465	ENVOL	2.300	C2	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	184.370	1.465	ENVOL	3.406	C2	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	230.462	1.465	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	276.555	1.465	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	322.647	1.465	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	368.739	1.465	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	414.832	1.465	ENVOL	2.640	C2	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	460.924	1.465	ENVOL	1.465	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	507.017	3.092	ENVOL	1.465	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	553.109	4.521	ENVOL	2.957	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	0.000	4.526	ENVOL	2.960	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	46.092	3.097	ENVOL	1.467	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	92.185	1.467	ENVOL	1.467	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	138.277	1.467	ENVOL	2.642	C2	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	184.370	1.467	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	230.462	1.467	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	276.555	1.467	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	322.647	1.467	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	368.740	1.467	ENVOL	3.408	C2	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	414.832	1.467	ENVOL	2.302	C2	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	460.925	1.467	ENVOL	1.467	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	507.017	3.049	ENVOL	1.467	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	553.110	4.148	ENVOL	2.718	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	0.000	3.757	ENVOL	2.466	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	46.364	2.576	ENVOL	1.355	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	92.727	1.355	ENVOL	1.355	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	139.091	1.355	ENVOL	2.427	C2	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	185.455	1.355	ENVOL	3.401	C2	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	231.818	1.355	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	278.182	1.355	ENVOL	3.683	C2	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	324.545	1.355	ENVOL	3.614	C2	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	370.909	1.355	ENVOL	2.709	C2	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	417.273	1.355	ENVOL	1.355	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	463.636	2.665	ENVOL	1.355	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	510.000	4.172	ENVOL	2.733	ENVOL	0.000	ENVOL
CB1(N+11.30)	B339	V20X60	0.000	0.507	ENVOL	0.253	ENVOL	0.000	ENVOL
CB1(N+11.30)	B339	V20X60	48.534	0.279	ENVOL	0.128	ENVOL	0.000	ENVOL
CB1(N+11.30)	B339	V20X60	97.068	0.126	ENVOL	0.140	ENVOL	0.000	ENVOL
CB1(N+11.30)	B339	V20X60	145.602	0.126	ENVOL	0.126	ENVOL	0.000	ENVOL
CB1(N+11.30)	B339	V20X60	194.137	0.126	ENVOL	0.126	ENVOL	0.000	ENVOL
CB1(N+11.30)	B339	V20X60	242.671	0.140	ENVOL	0.126	ENVOL	0.000	ENVOL
CB1(N+11.30)	B339	V20X60	291.205	0.337	ENVOL	0.168	ENVOL	0.000	ENVOL
CB1(N+11.30)	B340	V20X60	0.000	0.333	ENVOL	0.166	ENVOL	0.000	ENVOL
CB1(N+11.30)	B340	V20X60	48.534	0.139	ENVOL	0.131	ENVOL	0.000	ENVOL
CB1(N+11.30)	B340	V20X60	97.068	0.131	ENVOL	0.131	ENVOL	0.000	ENVOL
CB1(N+11.30)	B340	V20X60	145.603	0.131	ENVOL	0.131	ENVOL	0.000	ENVOL
CB1(N+11.30)	B340	V20X60	194.137	0.131	ENVOL	0.131	ENVOL	0.000	ENVOL
CB1(N+11.30)	B340	V20X60	242.671	0.293	ENVOL	0.131	ENVOL	0.000	ENVOL
CB1(N+11.30)	B340	V20X60	291.205	0.524	ENVOL	0.261	ENVOL	0.000	ENVOL
CB1(N+11.30)	B348	V20X60	0.000	0.548	ENVOL	0.273	ENVOL	0.000	ENVOL
CB1(N+11.30)	B348	V20X60	50.000	0.414	ENVOL	0.426	ENVOL	0.000	ENVOL
CB1(N+11.30)	B348	V20X60	100.000	0.636	ENVOL	0.317	ENVOL	0.000	ENVOL
CB1(N+11.30)	B349	V20X60	0.000	0.561	ENVOL	0.319	ENVOL	0.000	ENVOL
CB1(N+11.30)	B349	V20X60	50.000	0.345	ENVOL	0.462	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 106 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B349	V20X60	100.000	0.486	ENVOL	0.251	ENVOL	0.000	ENVOL
CB1(N+11.30)	B351	V60X60	0.000	5.092	ENVOL	2.528	ENVOL	0.000	ENVOL
CB1(N+11.30)	B351	V60X60	40.369	2.707	ENVOL	1.260	ENVOL	0.000	ENVOL
CB1(N+11.30)	B351	V60X60	80.737	0.475	ENVOL	0.237	ENVOL	0.000	ENVOL
CB1(N+11.30)	B352	V60X60	0.000	0.438	ENVOL	0.219	ENVOL	0.000	ENVOL
CB1(N+11.30)	B352	V60X60	31.812	2.025	ENVOL	1.010	ENVOL	0.000	ENVOL
CB1(N+11.30)	B353	V20X60	0.000	0.923	ENVOL	0.460	ENVOL	0.000	ENVOL
CB1(N+11.30)	B353	V20X60	42.884	0.439	ENVOL	0.230	ENVOL	0.000	ENVOL
CB1(N+11.30)	B353	V20X60	85.767	0.230	ENVOL	0.232	C2	0.000	ENVOL
CB1(N+11.30)	B353	V20X60	128.651	0.230	ENVOL	0.304	C2	0.000	ENVOL
CB1(N+11.30)	B353	V20X60	171.535	0.230	ENVOL	0.230	ENVOL	0.000	ENVOL
CB1(N+11.30)	B353	V20X60	214.418	0.632	ENVOL	0.316	ENVOL	0.000	ENVOL
CB1(N+11.30)	B354	V20X60	0.000	0.607	ENVOL	0.303	ENVOL	0.000	ENVOL
CB1(N+11.30)	B354	V20X60	42.884	0.234	ENVOL	0.234	ENVOL	0.000	ENVOL
CB1(N+11.30)	B354	V20X60	85.767	0.234	ENVOL	0.309	C2	0.000	ENVOL
CB1(N+11.30)	B354	V20X60	128.651	0.234	ENVOL	0.234	ENVOL	0.000	ENVOL
CB1(N+11.30)	B354	V20X60	171.535	0.449	ENVOL	0.234	ENVOL	0.000	ENVOL
CB1(N+11.30)	B354	V20X60	214.418	0.942	ENVOL	0.469	ENVOL	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	0.000	0.551	ENVOL	0.275	ENVOL	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	46.000	0.138	ENVOL	0.138	ENVOL	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	92.000	0.138	ENVOL	0.339	C2	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	138.000	0.138	ENVOL	0.365	C2	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	184.000	0.138	ENVOL	0.159	ENVOL	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	230.000	0.405	ENVOL	0.203	ENVOL	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	0.000	0.383	ENVOL	0.191	ENVOL	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	46.000	0.145	ENVOL	0.171	ENVOL	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	92.000	0.145	ENVOL	0.366	C2	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	138.000	0.145	ENVOL	0.330	C2	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	184.000	0.145	ENVOL	0.145	ENVOL	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	230.000	0.582	ENVOL	0.291	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.420	C1
CB1(N+11.30)	B402	V30X60	48.120	2.751	ENVOL	2.751	ENVOL	6.420	C1
CB1(N+11.30)	B402	V30X60	96.240	2.751	ENVOL	4.622	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	144.360	2.751	ENVOL	5.524	ENVOL	6.420	C1
CB1(N+11.30)	B402	V30X60	192.481	2.751	ENVOL	5.992	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	240.601	2.751	ENVOL	6.851	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	288.721	2.751	ENVOL	7.417	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	336.841	2.751	ENVOL	7.678	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	384.961	2.751	ENVOL	7.623	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	433.081	2.751	ENVOL	7.250	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	481.202	2.751	ENVOL	6.559	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	529.322	2.751	ENVOL	5.554	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	577.442	2.751	ENVOL	5.524	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	625.562	2.751	ENVOL	3.527	C2	6.420	C1
CB1(N+11.30)	B402	V30X60	673.682	2.751	ENVOL	2.751	ENVOL	6.420	C1
CB1(N+11.30)	B402	V30X60	721.802	3.388	ENVOL	2.751	ENVOL	6.420	C1
CB1(N+11.30)	B402	V30X60	769.922	5.524	ENVOL	2.751	ENVOL	6.420	C1
CB1(N+11.30)	B402	V30X60	818.043	8.668	ENVOL	5.524	ENVOL	6.420	C1
CB1(N+11.30)	B403	V30X60	0.000	7.015	ENVOL	4.554	ENVOL	6.420	C18
CB1(N+11.30)	B403	V30X60	49.905	5.254	ENVOL	2.248	ENVOL	6.420	C18
CB1(N+11.30)	B403	V30X60	99.811	2.248	ENVOL	2.248	ENVOL	6.420	C18
CB1(N+11.30)	B403	V30X60	149.716	2.248	ENVOL	2.248	ENVOL	6.420	C18
CB1(N+11.30)	B403	V30X60	199.622	2.248	ENVOL	4.150	C2	6.420	C18
CB1(N+11.30)	B403	V30X60	249.527	2.248	ENVOL	5.524	C2	6.420	C18
CB1(N+11.30)	B403	V30X60	299.433	2.248	ENVOL	5.618	C2	6.420	C18
CB1(N+11.30)	B403	V30X60	349.338	2.248	ENVOL	6.397	C2	6.420	C18
CB1(N+11.30)	B403	V30X60	399.244	2.248	ENVOL	6.854	C2	6.420	C18
CB1(N+11.30)	B403	V30X60	449.149	2.248	ENVOL	6.990	C2	6.420	C18
CB1(N+11.30)	B403	V30X60	499.055	2.248	ENVOL	6.813	C2	6.420	C18
CB1(N+11.30)	B403	V30X60	548.960	2.248	ENVOL	6.332	ENVOL	6.420	C18
CB1(N+11.30)	B403	V30X60	598.866	2.248	ENVOL	5.607	ENVOL	6.420	C18




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 107 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B403	V30X60	648.771	2.248	ENVOL	5.524	ENVOL	6.420	C18
CB1(N+11.30)	B403	V30X60	698.677	2.248	ENVOL	4.405	ENVOL	6.420	C18
CB1(N+11.30)	B403	V30X60	748.582	2.248	ENVOL	2.355	ENVOL	6.420	C18
CB1(N+11.30)	B403	V30X60	798.488	0.000	C2	0.000	ENVOL	6.420	C18
CB1(N+11.30)	B404	V40X60	0.000	10.597	ENVOL	6.853	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	49.320	7.755	ENVOL	3.378	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	98.639	6.939	ENVOL	3.378	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	147.959	3.995	ENVOL	3.378	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	197.279	3.378	ENVOL	3.378	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	246.598	3.378	ENVOL	5.024	C2	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	295.918	3.378	ENVOL	6.360	C2	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	345.238	3.378	ENVOL	7.287	C2	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	394.557	3.378	ENVOL	7.365	C2	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	443.877	3.378	ENVOL	7.365	C2	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	493.197	3.378	ENVOL	7.365	C2	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	542.517	3.378	ENVOL	6.713	C2	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	591.836	3.378	ENVOL	5.490	C2	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	641.156	3.378	ENVOL	3.849	C2	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	690.476	3.378	ENVOL	3.378	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	739.795	4.857	ENVOL	3.378	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	789.115	7.365	ENVOL	3.967	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	0.000	7.365	ENVOL	4.025	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	49.320	4.904	ENVOL	3.638	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	98.639	3.638	ENVOL	3.638	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	147.959	3.638	ENVOL	4.066	C2	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	197.279	3.638	ENVOL	5.787	C2	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	246.598	3.638	ENVOL	7.077	C2	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	295.918	3.638	ENVOL	7.365	C2	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	345.238	3.638	ENVOL	7.365	C2	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	394.557	3.638	ENVOL	7.365	C2	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	443.877	3.638	ENVOL	7.365	C2	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	493.197	3.638	ENVOL	6.730	C2	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	542.517	3.638	ENVOL	5.307	C2	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	591.836	3.638	ENVOL	3.638	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	641.156	4.296	ENVOL	3.638	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	690.476	7.365	ENVOL	3.638	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	739.795	8.353	ENVOL	3.638	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	789.115	11.457	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	0.000	9.865	ENVOL	6.432	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	49.003	9.207	ENVOL	3.182	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	98.005	6.848	ENVOL	3.629	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	147.008	4.304	ENVOL	4.180	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	196.011	3.182	ENVOL	4.399	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	245.014	3.182	ENVOL	4.292	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	294.016	3.182	ENVOL	3.866	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	343.019	3.182	ENVOL	4.023	C2	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	392.022	3.182	ENVOL	3.906	C2	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	441.024	3.182	ENVOL	3.946	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	490.027	3.182	ENVOL	4.272	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	539.030	3.182	ENVOL	4.309	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	588.032	4.949	ENVOL	4.063	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	637.035	7.473	ENVOL	3.544	ENVOL	0.000	ENVOL
CB1(N+11.30)	B406	V50X60	686.038	9.207	ENVOL	5.072	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	0.000	10.497	ENVOL	6.833	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	49.003	9.207	ENVOL	3.378	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	98.005	7.436	ENVOL	3.378	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	147.008	4.775	ENVOL	3.677	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	196.011	3.378	ENVOL	4.009	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	245.014	3.378	ENVOL	4.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	294.016	3.378	ENVOL	3.703	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	343.019	3.378	ENVOL	3.982	C2	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	392.022	3.378	ENVOL	3.954	C2	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	441.024	3.378	ENVOL	4.118	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	490.027	3.378	ENVOL	4.550	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	539.030	3.378	ENVOL	4.695	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 108 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B410	V50X60	588.032	4.431	ENVOL	4.556	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	637.035	6.831	ENVOL	4.141	ENVOL	0.000	ENVOL
CB1(N+11.30)	B410	V50X60	686.038	9.207	ENVOL	4.699	ENVOL	0.000	ENVOL
CB1(N+11.30)	B427	V40X60	20.000	2.015	ENVOL	3.249	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	68.604	2.058	ENVOL	2.869	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	117.208	2.058	ENVOL	2.384	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	165.812	2.058	ENVOL	2.058	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	214.417	2.058	ENVOL	2.058	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	263.021	2.058	ENVOL	2.058	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	311.625	2.058	ENVOL	2.058	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	360.229	2.058	ENVOL	2.058	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	408.833	2.727	ENVOL	2.058	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	457.437	3.969	ENVOL	2.058	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	506.041	5.334	ENVOL	2.058	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	554.646	6.826	ENVOL	2.058	ENVOL	8.226	ENVOL
CB1(N+11.30)	B427	V40X60	603.250	7.365	ENVOL	4.151	ENVOL	8.226	ENVOL
CB1(N+11.30)	B429	V40X60	0.000	7.365	ENVOL	3.830	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	48.604	6.255	ENVOL	2.156	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	97.208	4.854	ENVOL	2.272	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	145.813	3.577	ENVOL	2.281	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	194.417	2.420	ENVOL	2.183	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	243.021	1.900	ENVOL	1.979	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	291.625	1.900	ENVOL	1.900	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	340.229	1.900	ENVOL	1.900	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	388.834	1.900	ENVOL	1.900	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	437.438	1.900	ENVOL	1.900	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	486.042	1.900	ENVOL	2.201	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	534.646	1.900	ENVOL	2.603	ENVOL	8.226	C14
CB1(N+11.30)	B429	V40X60	583.251	2.406	ENVOL	2.900	ENVOL	8.226	C14
CB1(N+11.30)	B433	V40X60	0.000	0.301	ENVOL	0.151	ENVOL	7.882	ENVOL
CB1(N+11.30)	B433	V40X60	37.500	0.257	ENVOL	0.075	ENVOL	7.882	ENVOL
CB1(N+11.30)	B433	V40X60	75.000	0.274	ENVOL	0.137	ENVOL	7.882	ENVOL
CB1(N+11.30)	B435	V40X60	0.000	0.247	ENVOL	0.124	ENVOL	7.882	ENVOL
CB1(N+11.30)	B435	V40X60	41.306	0.247	ENVOL	0.062	ENVOL	7.882	ENVOL
CB1(N+11.30)	B435	V40X60	41.306	0.261	ENVOL	0.062	ENVOL	8.226	C1
CB1(N+11.30)	B435	V40X60	79.729	0.122	ENVOL	0.062	ENVOL	8.226	C1
CB1(N+11.30)	B435	V40X60	118.153	0.068	ENVOL	0.062	ENVOL	8.226	C1
CB1(N+11.30)	B435	V40X60	156.576	0.087	ENVOL	0.062	ENVOL	8.226	C1
CB1(N+11.30)	B435	V40X60	195.000	0.172	ENVOL	0.086	ENVOL	8.226	C1
CB1(N+11.30)	B437	V40X60	0.000	10.174	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B437	V40X60	46.160	7.642	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B437	V40X60	92.319	7.011	ENVOL	5.635	ENVOL	0.000	ENVOL
CB1(N+11.30)	B437	V40X60	138.479	4.014	ENVOL	3.809	ENVOL	0.000	ENVOL
CB1(N+11.30)	B437	V40X60	184.639	3.249	ENVOL	3.249	ENVOL	0.000	ENVOL
CB1(N+11.30)	B437	V40X60	230.798	3.249	ENVOL	3.249	ENVOL	0.000	ENVOL
CB1(N+11.30)	B437	V40X60	276.958	3.249	ENVOL	4.151	ENVOL	0.000	ENVOL
CB1(N+11.30)	B437	V40X60	323.117	4.301	ENVOL	6.751	ENVOL	0.000	ENVOL
CB1(N+11.30)	B437	V40X60	369.277	6.634	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B437	V40X60	415.437	7.365	ENVOL	8.863	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	0.000	13.274	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	46.630	10.855	ENVOL	4.181	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	93.261	8.585	ENVOL	4.181	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	139.891	7.365	ENVOL	4.181	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	186.521	5.929	ENVOL	4.181	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	233.151	4.181	ENVOL	4.181	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	279.782	4.181	ENVOL	4.181	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	326.412	4.181	ENVOL	4.181	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	373.042	4.181	ENVOL	5.052	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	419.672	4.181	ENVOL	6.735	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	466.303	4.181	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	512.933	4.181	ENVOL	7.695	ENVOL	0.000	ENVOL
CB1(N+11.30)	B439	V40X60	559.563	0.000	ENVOL	8.928	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 109 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B442	V40X60	0.000	0.000	ENVOL	9.012	C2	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	46.630	4.313	ENVOL	7.729	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	93.261	4.313	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	139.891	4.313	ENVOL	6.651	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	186.521	4.313	ENVOL	4.946	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	233.151	4.313	ENVOL	4.313	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	279.782	4.313	ENVOL	4.313	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	326.412	4.313	ENVOL	4.313	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	373.042	6.284	ENVOL	4.313	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	419.672	7.365	ENVOL	4.313	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	466.303	8.937	ENVOL	4.313	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	512.933	11.254	ENVOL	4.313	ENVOL	0.000	ENVOL
CB1(N+11.30)	B442	V40X60	559.563	13.723	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B443	V40X60	0.000	7.365	ENVOL	10.048	ENVOL	0.000	ENVOL
CB1(N+11.30)	B443	V40X60	46.160	5.501	ENVOL	7.869	ENVOL	0.000	ENVOL
CB1(N+11.30)	B443	V40X60	92.319	3.646	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B443	V40X60	138.479	3.646	ENVOL	4.599	ENVOL	0.000	ENVOL
CB1(N+11.30)	B443	V40X60	184.639	3.646	ENVOL	3.646	ENVOL	0.000	ENVOL
CB1(N+11.30)	B443	V40X60	230.798	3.646	ENVOL	3.646	ENVOL	0.000	ENVOL
CB1(N+11.30)	B443	V40X60	276.958	4.588	ENVOL	3.646	ENVOL	0.000	ENVOL
CB1(N+11.30)	B443	V40X60	323.118	7.365	ENVOL	4.738	ENVOL	0.000	ENVOL
CB1(N+11.30)	B443	V40X60	369.277	8.638	ENVOL	6.139	ENVOL	0.000	ENVOL
CB1(N+11.30)	B443	V40X60	415.437	11.482	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B445	V40X60	0.000	0.176	ENVOL	0.088	ENVOL	8.194	C1
CB1(N+11.30)	B445	V40X60	38.424	0.099	ENVOL	0.073	ENVOL	8.194	C1
CB1(N+11.30)	B445	V40X60	76.848	0.089	ENVOL	0.073	ENVOL	8.194	C1
CB1(N+11.30)	B445	V40X60	115.271	0.150	ENVOL	0.073	ENVOL	8.194	C1
CB1(N+11.30)	B445	V40X60	153.695	0.295	ENVOL	0.073	ENVOL	8.194	C1
CB1(N+11.30)	B445	V40X60	153.695	0.295	ENVOL	0.073	ENVOL	7.407	ENVOL
CB1(N+11.30)	B445	V40X60	195.000	0.294	ENVOL	0.147	ENVOL	7.407	ENVOL
CB1(N+11.30)	B447	V40X60	0.000	0.314	ENVOL	0.157	ENVOL	7.407	ENVOL
CB1(N+11.30)	B447	V40X60	37.500	0.293	ENVOL	0.084	ENVOL	7.407	ENVOL
CB1(N+11.30)	B447	V40X60	75.000	0.335	ENVOL	0.167	ENVOL	7.407	ENVOL
CB1(N+11.30)	B449	V60X90	0.000	1.542	ENVOL	0.770	ENVOL	0.000	ENVOL
CB1(N+11.30)	B449	V60X90	38.827	0.581	ENVOL	0.385	ENVOL	0.000	ENVOL
CB1(N+11.30)	B449	V60X90	77.654	0.385	ENVOL	0.485	ENVOL	0.000	ENVOL
CB1(N+11.30)	B449	V60X90	116.481	0.385	ENVOL	0.694	ENVOL	0.000	ENVOL
CB1(N+11.30)	B449	V60X90	155.308	0.000	ENVOL	0.710	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	0.000	0.000	ENVOL	0.157	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	38.827	0.116	ENVOL	0.434	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	77.654	0.116	ENVOL	0.355	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	116.481	0.295	ENVOL	0.116	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	155.308	1.166	ENVOL	0.116	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	155.308	0.193	ENVOL	0.244	C2	14.906	ENVOL
CB1(N+11.30)	B451	V60X60	195.308	0.143	ENVOL	0.205	C2	14.906	ENVOL
CB1(N+11.30)	B451	V60X60	235.308	0.464	ENVOL	0.232	ENVOL	14.906	ENVOL
CB1(N+11.30)	B452	V30X60	0.000	5.804	ENVOL	3.786	ENVOL	5.501	C1
CB1(N+11.30)	B452	V30X60	46.875	4.895	ENVOL	1.873	ENVOL	5.501	C1
CB1(N+11.30)	B452	V30X60	93.750	3.218	ENVOL	1.873	ENVOL	5.501	C1
CB1(N+11.30)	B452	V30X60	140.625	1.978	ENVOL	1.873	ENVOL	5.501	C1
CB1(N+11.30)	B452	V30X60	187.500	1.873	ENVOL	1.873	ENVOL	5.501	C1
CB1(N+11.30)	B452	V30X60	234.375	1.873	ENVOL	1.873	ENVOL	5.501	C1
CB1(N+11.30)	B452	V30X60	281.250	1.873	ENVOL	1.873	ENVOL	5.501	C1
CB1(N+11.30)	B452	V30X60	328.125	2.357	ENVOL	1.873	ENVOL	5.501	C1
CB1(N+11.30)	B452	V30X60	375.000	3.778	ENVOL	1.869	ENVOL	5.501	C1
CB1(N+11.30)	B454	V30X60	0.000	8.128	ENVOL	5.252	ENVOL	0.000	ENVOL
CB1(N+11.30)	B454	V30X60	46.875	5.524	ENVOL	2.588	ENVOL	0.000	ENVOL
CB1(N+11.30)	B454	V30X60	93.750	2.588	ENVOL	2.588	ENVOL	0.000	ENVOL
CB1(N+11.30)	B454	V30X60	140.625	2.588	ENVOL	3.483	C2	0.000	ENVOL
CB1(N+11.30)	B454	V30X60	187.500	2.588	ENVOL	4.481	C2	0.000	ENVOL
CB1(N+11.30)	B454	V30X60	234.375	2.588	ENVOL	4.517	C2	0.000	ENVOL
CB1(N+11.30)	B454	V30X60	281.250	2.588	ENVOL	4.086	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 110 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B454	V30X60	328.125	2.588	ENVOL	3.445	ENVOL	0.000	ENVOL
CB1(N+11.30)	B454	V30X60	375.000	5.524	ENVOL	3.002	ENVOL	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	0.000	7.612	ENVOL	4.929	ENVOL	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	46.875	5.524	ENVOL	2.431	ENVOL	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	93.750	2.431	ENVOL	2.431	ENVOL	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	140.625	2.431	ENVOL	3.538	C2	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	187.500	2.431	ENVOL	4.370	C2	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	234.375	2.431	ENVOL	4.240	C2	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	281.250	2.431	ENVOL	3.519	ENVOL	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	328.125	3.175	ENVOL	2.679	ENVOL	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	375.000	5.524	ENVOL	3.431	ENVOL	0.000	ENVOL
CB1(N+11.30)	B458	V30X60	0.000	8.071	ENVOL	5.216	ENVOL	6.420	C18
CB1(N+11.30)	B458	V30X60	46.875	5.911	ENVOL	2.680	ENVOL	6.420	C18
CB1(N+11.30)	B458	V30X60	93.750	5.524	ENVOL	2.680	ENVOL	6.420	C18
CB1(N+11.30)	B458	V30X60	140.625	4.753	ENVOL	2.680	ENVOL	6.420	C18
CB1(N+11.30)	B458	V30X60	187.500	4.440	ENVOL	2.680	ENVOL	6.420	C18
CB1(N+11.30)	B458	V30X60	234.375	4.927	ENVOL	2.680	ENVOL	6.420	C18
CB1(N+11.30)	B458	V30X60	281.250	5.524	ENVOL	2.680	ENVOL	6.420	C18
CB1(N+11.30)	B458	V30X60	328.125	6.173	ENVOL	2.680	ENVOL	6.420	C18
CB1(N+11.30)	B458	V30X60	375.000	8.432	ENVOL	5.442	ENVOL	6.420	C18
CB1(N+11.30)	B459	V60X90	0.000	0.755	ENVOL	0.377	ENVOL	21.322	ENVOL
CB1(N+11.30)	B459	V60X90	40.000	0.445	ENVOL	0.404	ENVOL	21.322	ENVOL
CB1(N+11.30)	B459	V60X90	80.000	0.419	ENVOL	0.397	ENVOL	21.322	ENVOL
CB1(N+11.30)	B461	V60X100	0.000	35.898	ENVOL	19.083	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	46.309	30.149	ENVOL	11.453	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	92.617	24.623	ENVOL	11.453	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	138.926	19.308	ENVOL	11.453	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	185.235	18.924	ENVOL	11.453	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	231.543	12.358	ENVOL	11.453	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	277.852	11.453	ENVOL	11.453	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	324.160	11.453	ENVOL	13.395	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	370.469	11.453	ENVOL	16.692	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	416.778	11.453	ENVOL	19.083	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	463.086	11.453	ENVOL	19.083	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	509.395	11.453	ENVOL	21.792	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	555.704	11.453	ENVOL	25.677	ENVOL	0.000	ENVOL
CB1(N+11.30)	B461	V60X100	602.012	0.000	ENVOL	29.498	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	0.000	0.000	ENVOL	29.440	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	46.309	11.994	ENVOL	25.489	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	92.617	11.994	ENVOL	21.478	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	138.926	11.994	ENVOL	19.083	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	185.234	11.994	ENVOL	19.083	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	231.543	11.994	ENVOL	16.016	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	277.852	11.994	ENVOL	12.548	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	324.160	11.994	ENVOL	11.994	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	370.469	13.816	ENVOL	11.994	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	416.778	19.083	ENVOL	11.994	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	463.086	20.660	ENVOL	11.994	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	509.395	26.112	ENVOL	11.994	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	555.703	31.780	ENVOL	11.994	ENVOL	0.000	ENVOL
CB1(N+11.30)	B463	V60X100	602.012	37.679	ENVOL	19.083	ENVOL	0.000	ENVOL
CB1(N+11.30)	B464	V60X100	0.000	36.603	ENVOL	19.083	ENVOL	24.550	ENVOL
CB1(N+11.30)	B464	V60X100	49.957	27.009	ENVOL	19.083	ENVOL	24.550	ENVOL
CB1(N+11.30)	B464	V60X100	99.915	19.083	ENVOL	15.262	ENVOL	24.550	ENVOL
CB1(N+11.30)	B464	V60X100	149.872	12.345	ENVOL	11.668	ENVOL	24.550	ENVOL
CB1(N+11.30)	B464	V60X100	199.829	11.668	ENVOL	11.668	ENVOL	24.550	ENVOL
CB1(N+11.30)	B464	V60X100	249.787	11.668	ENVOL	11.668	ENVOL	24.550	ENVOL
CB1(N+11.30)	B464	V60X100	299.744	11.668	ENVOL	19.083	ENVOL	24.550	ENVOL
CB1(N+11.30)	B464	V60X100	349.701	11.668	ENVOL	23.038	ENVOL	24.550	ENVOL
CB1(N+11.30)	B464	V60X100	399.659	17.532	ENVOL	31.086	ENVOL	24.550	ENVOL
CB1(N+11.30)	B468	V60X100	0.000	13.603	ENVOL	28.829	ENVOL	24.370	C18
CB1(N+11.30)	B468	V60X100	49.957	11.444	ENVOL	21.197	ENVOL	24.370	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 111 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B468	V60X100	99.915	11.444	ENVOL	18.084	ENVOL	24.370	C18
CB1(N+11.30)	B468	V60X100	149.872	11.444	ENVOL	11.444	ENVOL	24.370	C18
CB1(N+11.30)	B468	V60X100	199.830	11.444	ENVOL	11.444	ENVOL	24.370	C18
CB1(N+11.30)	B468	V60X100	249.787	12.861	ENVOL	11.444	ENVOL	24.370	C18
CB1(N+11.30)	B468	V60X100	299.744	19.083	ENVOL	11.444	ENVOL	24.370	C18
CB1(N+11.30)	B468	V60X100	349.702	26.675	ENVOL	14.298	ENVOL	24.370	C18
CB1(N+11.30)	B468	V60X100	399.659	35.869	ENVOL	19.083	ENVOL	24.370	C18
CB1(N+11.30)	B469	V60X60	0.000	0.751	ENVOL	0.375	ENVOL	11.334	C1
CB1(N+11.30)	B469	V60X60	39.375	2.373	ENVOL	2.373	ENVOL	11.334	C1
CB1(N+11.30)	B469	V60X60	78.750	3.935	ENVOL	2.373	ENVOL	11.334	C1
CB1(N+11.30)	B469	V60X60	118.125	5.708	ENVOL	2.373	ENVOL	11.334	C1
CB1(N+11.30)	B469	V60X60	118.125	5.708	ENVOL	2.373	ENVOL	11.334	C1
CB1(N+11.30)	B469	V60X60	165.000	9.684	ENVOL	4.778	ENVOL	11.334	C1
CB1(N+11.30)	B470	V60X60	0.000	0.164	ENVOL	0.082	ENVOL	11.334	C1
CB1(N+11.30)	B470	V60X60	37.500	0.233	ENVOL	0.107	ENVOL	11.334	C1
CB1(N+11.30)	B470	V60X60	75.000	0.429	ENVOL	0.214	ENVOL	11.334	C1
CB1(N+11.30)	B471	V60X100	0.000	0.614	ENVOL	0.307	ENVOL	24.550	C1
CB1(N+11.30)	B471	V60X100	48.750	0.964	ENVOL	0.741	ENVOL	24.550	C1
CB1(N+11.30)	B471	V60X100	97.500	1.477	ENVOL	0.959	ENVOL	24.550	C1
CB1(N+11.30)	B471	V60X100	146.250	2.146	ENVOL	1.210	ENVOL	24.550	C1
CB1(N+11.30)	B471	V60X100	195.000	2.970	ENVOL	1.483	ENVOL	24.550	C1
CB1(N+11.30)	B478	V60X100	0.000	2.853	ENVOL	1.424	ENVOL	22.671	C1
CB1(N+11.30)	B478	V60X100	48.750	2.297	ENVOL	0.712	ENVOL	22.671	C1
CB1(N+11.30)	B478	V60X100	97.500	1.896	ENVOL	0.712	ENVOL	22.671	C1
CB1(N+11.30)	B478	V60X100	146.250	1.649	ENVOL	0.712	ENVOL	22.671	C1
CB1(N+11.30)	B478	V60X100	195.000	1.641	ENVOL	0.820	ENVOL	22.671	C1
CB1(N+11.30)	B479	V60X60	0.000	0.516	ENVOL	0.258	ENVOL	10.616	ENVOL
CB1(N+11.30)	B479	V60X60	25.000	0.519	ENVOL	0.259	ENVOL	10.616	ENVOL
CB1(N+11.30)	B487	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.420	C1
CB1(N+11.30)	B487	V30X60	42.000	4.382	ENVOL	4.382	ENVOL	6.420	C1
CB1(N+11.30)	B487	V30X60	84.000	6.095	ENVOL	4.382	ENVOL	6.420	C1
CB1(N+11.30)	B487	V30X60	126.000	9.864	ENVOL	4.382	ENVOL	6.420	C1
CB1(N+11.30)	B487	V30X60	168.000	14.295	ENVOL	6.743	ENVOL	6.420	C1
CB1(N+11.30)	B488	V60X90	0.000	0.000	ENVOL	0.000	ENVOL	17.449	C1
CB1(N+11.30)	B488	V60X90	48.413	3.582	ENVOL	3.128	ENVOL	17.449	C1
CB1(N+11.30)	B488	V60X90	96.826	7.465	ENVOL	3.128	ENVOL	17.449	C1
CB1(N+11.30)	B488	V60X90	145.239	11.689	ENVOL	3.128	ENVOL	17.449	C1
CB1(N+11.30)	B488	V60X90	193.653	16.303	ENVOL	3.128	ENVOL	17.449	C1
CB1(N+11.30)	B488	V60X90	193.653	7.704	ENVOL	3.128	ENVOL	18.062	ENVOL
CB1(N+11.30)	B488	V60X90	238.903	6.939	ENVOL	3.128	ENVOL	18.062	ENVOL
CB1(N+11.30)	B488	V60X90	284.153	6.506	ENVOL	3.128	ENVOL	18.062	ENVOL
CB1(N+11.30)	B488	V60X90	329.403	6.418	ENVOL	3.128	ENVOL	18.062	ENVOL
CB1(N+11.30)	B488	V60X90	374.653	6.694	ENVOL	3.128	ENVOL	18.062	ENVOL
CB1(N+11.30)	B488	V60X90	419.902	7.331	ENVOL	3.128	ENVOL	18.062	ENVOL
CB1(N+11.30)	B488	V60X90	465.152	8.358	ENVOL	3.128	ENVOL	18.062	ENVOL
CB1(N+11.30)	B488	V60X90	510.402	10.348	ENVOL	3.128	ENVOL	18.062	ENVOL
CB1(N+11.30)	B488	V60X90	555.652	12.732	ENVOL	6.292	ENVOL	18.062	ENVOL
CB1(N+11.30)	B489	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	48.000	0.000	ENVOL	0.119	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	96.000	0.000	ENVOL	0.179	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	144.000	0.000	ENVOL	0.179	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	192.000	0.000	ENVOL	0.119	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	240.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	47.665	0.000	ENVOL	1.077	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	95.331	0.000	ENVOL	2.033	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	142.996	0.000	ENVOL	2.867	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	190.662	0.000	ENVOL	3.576	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	238.327	0.000	ENVOL	4.159	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	285.993	0.000	ENVOL	4.614	C2	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 112 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B491	V50X60	333.658	0.000	ENVOL	4.941	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	381.323	0.000	ENVOL	5.138	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	428.989	0.000	ENVOL	5.204	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	476.654	0.000	ENVOL	5.141	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	524.320	0.000	ENVOL	4.947	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	571.985	0.000	ENVOL	4.623	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	619.651	0.000	ENVOL	4.171	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	667.316	0.000	ENVOL	3.590	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	667.316	0.000	ENVOL	7.768	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	714.981	0.000	ENVOL	7.412	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	762.647	0.000	ENVOL	6.925	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	810.312	0.000	ENVOL	6.309	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	857.978	0.000	ENVOL	5.564	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	905.643	0.000	ENVOL	4.693	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	953.309	0.000	ENVOL	3.698	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1000.974	0.384	ENVOL	2.581	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1048.639	1.929	ENVOL	1.344	C2	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1096.305	3.620	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1143.970	5.460	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1191.636	7.456	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1239.301	9.207	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1286.967	9.207	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1334.632	10.832	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	0.000	15.063	ENVOL	7.427	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	46.784	11.439	ENVOL	5.718	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	93.568	8.656	ENVOL	5.718	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	140.352	7.356	ENVOL	5.718	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	187.136	6.628	ENVOL	5.718	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	233.920	6.289	ENVOL	5.718	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	280.704	6.317	ENVOL	5.718	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	327.488	6.698	ENVOL	5.830	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	374.272	7.403	ENVOL	7.447	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	374.272	12.123	ENVOL	5.718	ENVOL	18.062	C1
CB1(N+11.30)	B495	V60X90	384.784	11.014	ENVOL	5.950	ENVOL	18.062	C1
CB1(N+11.30)	B495	V60X90	384.784	11.344	ENVOL	5.718	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	430.534	7.308	ENVOL	7.733	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	476.284	5.718	ENVOL	9.513	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	522.034	5.718	ENVOL	11.003	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	567.783	5.718	ENVOL	12.199	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	613.533	5.718	ENVOL	13.094	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	659.283	5.718	ENVOL	14.693	C2	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	705.033	5.718	ENVOL	16.048	C2	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	705.033	5.718	ENVOL	16.048	C2	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	749.355	5.718	ENVOL	16.472	C2	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	793.677	5.718	ENVOL	16.472	C2	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	837.998	5.718	ENVOL	16.472	C2	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	882.320	5.718	ENVOL	16.472	C2	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	926.641	5.718	ENVOL	16.472	ENVOL	18.062	ENVOL
CB1(N+11.30)	B495	V60X90	926.641	5.718	ENVOL	14.927	C2	21.176	ENVOL
CB1(N+11.30)	B495	V60X90	973.943	5.718	ENVOL	11.063	ENVOL	21.176	ENVOL
CB1(N+11.30)	B495	V60X90	1021.245	5.718	ENVOL	8.066	ENVOL	21.176	ENVOL
CB1(N+11.30)	B495	V60X90	1068.546	6.420	ENVOL	5.718	ENVOL	21.176	ENVOL
CB1(N+11.30)	B495	V60X90	1115.848	11.848	ENVOL	5.718	ENVOL	21.176	ENVOL
CB1(N+11.30)	B495	V60X90	1163.150	16.472	ENVOL	5.718	ENVOL	21.176	ENVOL
CB1(N+11.30)	B495	V60X90	1210.451	17.730	ENVOL	11.558	ENVOL	21.176	ENVOL
CB1(N+11.30)	B496	V40X60	0.000	0.000	ENVOL	0.000	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	49.964	0.000	ENVOL	2.732	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	99.927	0.000	ENVOL	5.287	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	149.891	0.000	ENVOL	7.365	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	199.855	0.000	ENVOL	7.365	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	249.819	0.000	ENVOL	8.313	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	299.782	0.000	ENVOL	9.232	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	349.746	0.000	ENVOL	9.864	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	399.710	0.000	ENVOL	10.202	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	449.673	0.000	ENVOL	10.239	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	499.637	0.000	ENVOL	9.972	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	549.601	0.000	ENVOL	9.402	ENVOL	7.249	C1


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 113 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B496	V40X60	599.565	0.000	ENVOL	8.532	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	649.528	0.000	ENVOL	7.368	C2	7.249	C1
CB1(N+11.30)	B496	V40X60	699.492	0.000	ENVOL	7.365	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	749.456	0.000	ENVOL	5.603	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	799.419	0.000	ENVOL	2.965	ENVOL	7.249	C1
CB1(N+11.30)	B496	V40X60	849.383	0.000	ENVOL	0.000	ENVOL	7.249	C1
CB1(N+11.30)	B497	V40X60	0.000	0.000	ENVOL	0.000	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	46.863	0.000	ENVOL	0.849	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	93.726	0.000	ENVOL	1.586	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	140.589	0.000	ENVOL	2.192	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	187.451	0.000	ENVOL	2.647	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	234.314	0.000	ENVOL	2.930	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	281.177	0.000	ENVOL	3.021	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	328.040	0.000	ENVOL	2.903	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	374.903	0.000	ENVOL	2.557	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	421.766	0.000	ENVOL	1.968	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	468.629	0.000	ENVOL	1.119	ENVOL	7.174	C1
CB1(N+11.30)	B497	V40X60	515.491	0.000	ENVOL	0.000	ENVOL	7.174	C1
CB1(N+11.30)	B498	V60X90	0.000	16.472	ENVOL	8.694	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	42.898	15.697	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	85.796	13.981	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	128.694	12.511	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	171.593	11.275	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	214.491	10.257	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	257.389	9.442	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	257.389	9.813	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	291.069	7.447	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	324.749	5.353	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	358.428	5.353	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	358.428	5.353	ENVOL	5.353	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	401.591	5.353	ENVOL	5.748	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	444.753	5.353	ENVOL	7.264	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	487.915	5.353	ENVOL	8.662	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	531.078	5.353	ENVOL	10.020	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	574.240	5.353	ENVOL	11.364	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	617.402	5.353	ENVOL	12.611	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	617.402	5.353	ENVOL	10.725	ENVOL	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	666.121	5.353	ENVOL	11.968	ENVOL	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	714.839	5.353	ENVOL	12.869	ENVOL	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	763.557	5.353	ENVOL	13.423	ENVOL	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	812.276	5.353	ENVOL	13.629	ENVOL	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	860.994	5.353	ENVOL	13.851	C2	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	909.712	5.353	ENVOL	14.141	C2	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	958.431	5.353	ENVOL	14.054	C2	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1007.149	5.353	ENVOL	13.589	C2	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1055.867	5.353	ENVOL	12.746	C2	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1104.586	5.353	ENVOL	11.528	C2	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1153.304	5.353	ENVOL	9.936	C2	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1202.023	5.353	ENVOL	7.978	C2	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1250.741	5.353	ENVOL	5.720	ENVOL	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1299.459	5.353	ENVOL	5.353	ENVOL	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1348.178	8.299	ENVOL	5.353	ENVOL	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1396.896	12.475	ENVOL	5.353	ENVOL	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1445.614	16.472	ENVOL	5.353	ENVOL	18.062	ENVOL
CB1(N+11.30)	B498	V60X90	1494.333	16.562	ENVOL	10.814	ENVOL	18.062	ENVOL
CB1(N+11.30)	B500	V40X60	0.000	12.338	ENVOL	7.365	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	48.000	8.538	ENVOL	5.798	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	96.000	7.010	ENVOL	5.798	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	144.000	5.798	ENVOL	5.798	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	192.000	5.798	ENVOL	5.798	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	240.000	5.798	ENVOL	7.365	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	288.000	5.798	ENVOL	8.194	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	336.000	5.798	ENVOL	9.793	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	384.000	5.798	ENVOL	11.053	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	432.000	5.798	ENVOL	11.945	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	480.000	5.798	ENVOL	12.441	C2	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 114 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B500	V40X60	528.000	5.798	ENVOL	12.519	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	576.000	5.798	ENVOL	12.165	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	624.000	5.798	ENVOL	11.368	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	672.000	5.798	ENVOL	10.127	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	720.000	5.798	ENVOL	8.448	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	768.000	5.798	ENVOL	7.365	C2	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	816.000	5.798	ENVOL	5.798	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	864.000	6.320	ENVOL	5.798	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	912.000	8.289	ENVOL	5.798	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	960.000	13.094	ENVOL	5.798	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	1008.000	18.898	ENVOL	8.920	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	0.000	18.422	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	48.235	13.072	ENVOL	6.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	96.471	9.207	ENVOL	6.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	144.706	6.302	ENVOL	6.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	192.941	6.036	ENVOL	6.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	241.176	6.036	ENVOL	8.562	C2	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	289.412	6.036	ENVOL	9.207	C2	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	337.647	6.036	ENVOL	10.159	C2	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	385.882	6.036	ENVOL	11.318	C2	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	434.118	6.036	ENVOL	11.981	C2	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	482.353	6.036	ENVOL	12.137	C2	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	530.588	6.036	ENVOL	11.785	C2	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	578.824	6.036	ENVOL	10.930	C2	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	627.059	6.036	ENVOL	9.584	C2	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	675.294	6.036	ENVOL	9.207	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	723.529	6.036	ENVOL	7.330	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	771.765	6.036	ENVOL	6.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	820.000	6.036	ENVOL	6.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	820.000	6.036	ENVOL	6.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	867.000	7.120	ENVOL	6.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	914.000	9.283	ENVOL	6.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	961.000	13.840	ENVOL	6.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	1008.000	19.361	ENVOL	9.244	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	0.000	15.052	ENVOL	7.075	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	47.000	9.938	ENVOL	4.592	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	94.000	5.656	ENVOL	4.592	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	141.000	4.592	ENVOL	4.592	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	188.000	4.592	ENVOL	4.715	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	188.000	4.592	ENVOL	4.715	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	236.235	4.592	ENVOL	6.112	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	284.470	4.592	ENVOL	8.350	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	332.706	4.592	ENVOL	10.214	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	380.941	4.592	ENVOL	11.668	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	429.176	4.592	ENVOL	12.679	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	477.412	4.592	ENVOL	13.226	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	525.647	4.592	ENVOL	13.293	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	573.882	4.592	ENVOL	12.881	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	622.117	4.592	ENVOL	11.998	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	670.353	4.592	ENVOL	10.666	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	718.588	4.592	ENVOL	8.914	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	766.823	4.592	ENVOL	6.777	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	815.059	4.592	ENVOL	5.524	C2	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	863.294	4.592	ENVOL	4.592	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	911.529	5.524	ENVOL	4.592	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	959.765	8.233	ENVOL	4.592	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	1008.000	13.061	ENVOL	6.196	ENVOL	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	11.334	C1
CB1(N+11.30)	B506	V60X60	47.772	5.487	ENVOL	5.487	ENVOL	11.334	C1
CB1(N+11.30)	B506	V60X60	95.544	5.487	ENVOL	5.487	ENVOL	11.334	C1
CB1(N+11.30)	B506	V60X60	143.316	5.487	ENVOL	5.571	C2	11.334	C1
CB1(N+11.30)	B506	V60X60	191.088	5.487	ENVOL	7.150	C2	11.334	C1
CB1(N+11.30)	B506	V60X60	238.860	5.487	ENVOL	8.583	C2	11.334	C1
CB1(N+11.30)	B506	V60X60	286.632	5.487	ENVOL	9.868	C2	11.334	C1
CB1(N+11.30)	B506	V60X60	334.404	5.487	ENVOL	11.001	C2	11.334	C1
CB1(N+11.30)	B506	V60X60	382.176	5.487	ENVOL	11.048	C2	11.334	C1




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 115 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B506	V60X60	429.947	5.487	ENVOL	11.048	C2	11.334	C1
CB1(N+11.30)	B506	V60X60	477.719	5.487	ENVOL	11.048	ENVOL	11.334	C1
CB1(N+11.30)	B506	V60X60	525.491	5.487	ENVOL	11.048	ENVOL	11.334	C1
CB1(N+11.30)	B506	V60X60	525.491	5.487	ENVOL	11.916	C2	12.187	ENVOL
CB1(N+11.30)	B506	V60X60	569.491	5.487	ENVOL	9.944	C2	12.187	ENVOL
CB1(N+11.30)	B506	V60X60	613.491	5.487	ENVOL	5.487	ENVOL	12.187	ENVOL
CB1(N+11.30)	B506	V60X60	657.491	8.728	ENVOL	5.487	ENVOL	12.187	ENVOL
CB1(N+11.30)	B506	V60X60	701.491	11.732	ENVOL	5.487	ENVOL	12.187	ENVOL
CB1(N+11.30)	B506	V60X60	745.491	17.283	ENVOL	11.048	ENVOL	12.187	ENVOL
CB1(N+11.30)	B507	V40X60	0.000	7.365	ENVOL	4.383	ENVOL	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	48.039	5.341	ENVOL	3.554	ENVOL	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	96.077	3.554	ENVOL	3.554	ENVOL	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	144.116	3.554	ENVOL	3.881	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	192.154	3.554	ENVOL	6.199	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	240.193	3.554	ENVOL	7.365	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	288.232	3.554	ENVOL	7.365	ENVOL	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	336.270	3.554	ENVOL	8.101	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	384.309	3.554	ENVOL	8.624	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	432.347	3.554	ENVOL	8.821	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	480.386	3.554	ENVOL	8.689	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	528.425	3.554	ENVOL	8.230	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	576.463	3.554	ENVOL	7.449	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	624.502	3.554	ENVOL	7.365	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	672.540	3.554	ENVOL	6.611	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	720.579	3.554	ENVOL	4.366	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	720.579	3.554	ENVOL	5.934	C2	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	762.321	3.554	ENVOL	3.554	ENVOL	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	804.063	6.100	ENVOL	3.554	ENVOL	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	845.805	7.697	ENVOL	3.554	ENVOL	8.226	ENVOL
CB1(N+11.30)	B507	V40X60	887.547	11.180	ENVOL	7.216	ENVOL	8.226	ENVOL
CB1(N+11.30)	B512	V60X90	50.000	16.472	ENVOL	10.146	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	98.750	15.518	ENVOL	7.485	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	147.500	10.885	ENVOL	7.485	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	196.250	7.485	ENVOL	7.485	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	245.000	7.485	ENVOL	8.313	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	293.750	7.485	ENVOL	8.780	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	342.500	7.485	ENVOL	8.813	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	391.250	7.485	ENVOL	8.878	C2	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	440.000	7.485	ENVOL	9.354	C2	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	488.750	7.485	ENVOL	9.373	C2	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	537.500	7.485	ENVOL	9.608	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	586.250	7.485	ENVOL	10.230	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	635.000	7.485	ENVOL	10.418	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	683.750	7.485	ENVOL	10.169	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	732.500	7.485	ENVOL	9.482	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	781.250	10.334	ENVOL	8.362	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	830.000	14.734	ENVOL	7.485	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	830.000	14.734	ENVOL	7.485	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	878.333	16.472	ENVOL	7.485	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	926.667	19.005	ENVOL	7.485	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	975.000	23.469	ENVOL	15.181	ENVOL	0.000	ENVOL
CB1(N+11.30)	B514	V60X60	0.000	1.084	ENVOL	0.541	ENVOL	11.334	C2
CB1(N+11.30)	B514	V60X60	48.750	0.703	ENVOL	0.270	ENVOL	11.334	C2
CB1(N+11.30)	B514	V60X60	97.500	0.482	ENVOL	0.270	ENVOL	11.334	C2
CB1(N+11.30)	B514	V60X60	146.250	0.427	ENVOL	0.270	ENVOL	11.334	C2
CB1(N+11.30)	B514	V60X60	195.000	0.706	ENVOL	0.353	ENVOL	11.334	C2
CB1(N+11.30)	B516	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B516	V60X60	27.500	2.290	ENVOL	1.155	ENVOL	0.000	ENVOL
CB1(N+11.30)	B516	V60X60	55.000	4.665	ENVOL	2.318	ENVOL	0.000	ENVOL
CB1(N+11.30)	B518	V40X60	0.000	7.365	ENVOL	3.907	ENVOL	8.226	ENVOL
CB1(N+11.30)	B518	V40X60	50.000	5.140	ENVOL	1.938	ENVOL	8.226	ENVOL
CB1(N+11.30)	B518	V40X60	100.000	2.897	ENVOL	1.938	ENVOL	8.226	ENVOL
CB1(N+11.30)	B518	V40X60	150.000	1.938	ENVOL	1.938	ENVOL	8.226	ENVOL
CB1(N+11.30)	B518	V40X60	200.000	0.000	ENVOL	0.080	ENVOL	8.226	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 116 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B519	V50X60	0.000	5.780	ENVOL	2.863	ENVOL	0.000	ENVOL
CB1(N+11.30)	B519	V50X60	50.000	3.383	ENVOL	1.425	ENVOL	0.000	ENVOL
CB1(N+11.30)	B519	V50X60	100.000	1.647	ENVOL	1.425	ENVOL	0.000	ENVOL
CB1(N+11.30)	B519	V50X60	150.000	1.425	ENVOL	1.425	ENVOL	0.000	ENVOL
CB1(N+11.30)	B519	V50X60	200.000	0.080	ENVOL	0.040	ENVOL	0.000	ENVOL
CB1(N+11.30)	B522	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B522	V20X60	48.333	0.404	ENVOL	0.341	ENVOL	0.000	ENVOL
CB1(N+11.30)	B522	V20X60	96.667	0.861	ENVOL	0.341	ENVOL	0.000	ENVOL
CB1(N+11.30)	B522	V20X60	145.000	1.375	ENVOL	0.684	ENVOL	0.000	ENVOL
CB1(N+11.30)	B523	V20X60	0.000	1.231	ENVOL	0.613	ENVOL	0.000	ENVOL
CB1(N+11.30)	B523	V20X60	48.750	0.831	ENVOL	0.306	ENVOL	0.000	ENVOL
CB1(N+11.30)	B523	V20X60	97.500	0.744	ENVOL	0.306	ENVOL	0.000	ENVOL
CB1(N+11.30)	B523	V20X60	146.250	0.879	ENVOL	0.306	ENVOL	0.000	ENVOL
CB1(N+11.30)	B523	V20X60	195.000	1.070	ENVOL	0.533	ENVOL	0.000	ENVOL
CB1(N+11.30)	B524	V20X60	0.000	0.943	ENVOL	0.470	ENVOL	0.000	ENVOL
CB1(N+11.30)	B524	V20X60	48.000	1.024	ENVOL	0.528	ENVOL	0.000	ENVOL
CB1(N+11.30)	B524	V20X60	96.000	1.156	ENVOL	0.528	ENVOL	0.000	ENVOL
CB1(N+11.30)	B524	V20X60	144.000	1.354	ENVOL	0.528	ENVOL	0.000	ENVOL
CB1(N+11.30)	B524	V20X60	192.000	1.716	ENVOL	0.528	ENVOL	0.000	ENVOL
CB1(N+11.30)	B524	V20X60	240.000	2.132	ENVOL	1.059	ENVOL	0.000	ENVOL
CB1(N+11.30)	B566	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	4.774	C2
CB1(N+11.30)	B566	V20X60	48.333	0.000	ENVOL	0.561	ENVOL	4.774	C2
CB1(N+11.30)	B566	V20X60	96.667	0.000	ENVOL	1.074	ENVOL	4.774	C2
CB1(N+11.30)	B566	V20X60	145.000	0.000	ENVOL	1.537	ENVOL	4.774	C2
CB1(N+11.30)	B566	V20X60	145.000	0.000	ENVOL	0.518	ENVOL	4.774	ENVOL
CB1(N+11.30)	B566	V20X60	190.000	0.000	ENVOL	0.390	ENVOL	4.774	ENVOL
CB1(N+11.30)	B566	V20X60	235.000	0.000	ENVOL	0.217	ENVOL	4.774	ENVOL
CB1(N+11.30)	B566	V20X60	280.000	0.000	ENVOL	0.000	ENVOL	4.774	ENVOL
CB1(N+11.30)	B570	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	48.333	0.000	ENVOL	3.510	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	96.667	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	145.000	0.000	ENVOL	6.991	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	193.333	0.000	ENVOL	8.652	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	241.667	0.000	ENVOL	9.929	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	290.000	0.000	ENVOL	10.795	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	338.333	0.000	ENVOL	11.232	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	386.667	0.000	ENVOL	11.232	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	435.000	0.000	ENVOL	10.795	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	483.333	0.000	ENVOL	9.929	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	531.667	0.000	ENVOL	8.652	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	580.000	0.000	ENVOL	6.991	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	628.333	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	676.667	0.000	ENVOL	3.510	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	725.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	48.333	0.000	ENVOL	3.556	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	96.667	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	145.000	0.000	ENVOL	7.085	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	193.333	0.000	ENVOL	8.771	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	241.667	0.000	ENVOL	10.066	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	290.000	0.000	ENVOL	10.945	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	338.333	0.000	ENVOL	11.390	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	386.667	0.000	ENVOL	11.390	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	435.000	0.000	ENVOL	10.945	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	483.333	0.000	ENVOL	10.066	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	531.667	0.000	ENVOL	8.771	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	580.000	0.000	ENVOL	7.085	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	628.333	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	676.667	0.000	ENVOL	3.556	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	725.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 117 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B572	V30X60	48.333	0.000	ENVOL	2.511	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	96.667	0.000	ENVOL	4.720	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	145.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	193.333	0.000	ENVOL	6.106	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	241.667	0.000	ENVOL	6.984	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	290.000	0.000	ENVOL	7.577	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	338.333	0.000	ENVOL	7.875	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	386.667	0.000	ENVOL	7.875	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	435.000	0.000	ENVOL	7.577	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	483.333	0.000	ENVOL	6.984	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	531.667	0.000	ENVOL	6.106	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	580.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	628.333	0.000	ENVOL	4.720	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	676.667	0.000	ENVOL	2.511	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	725.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B1	V60X60	0.000	0.428	ENVOL	0.214	ENVOL	11.334	C14
3ER(N+7.20)	B1	V60X60	45.000	0.182	ENVOL	0.182	ENVOL	11.334	C14
3ER(N+7.20)	B1	V60X60	90.000	0.182	ENVOL	0.301	ENVOL	11.334	C14
3ER(N+7.20)	B1	V60X60	135.000	0.193	ENVOL	0.211	ENVOL	11.334	C14
3ER(N+7.20)	B1	V60X60	180.000	0.729	ENVOL	0.364	ENVOL	11.334	C14
3ER(N+7.20)	B2	V60X60	0.000	34.758	ENVOL	23.807	ENVOL	11.334	ENVOL
3ER(N+7.20)	B2	V60X60	47.143	24.824	ENVOL	18.317	ENVOL	11.334	ENVOL
3ER(N+7.20)	B2	V60X60	94.286	15.950	ENVOL	12.799	ENVOL	11.334	ENVOL
3ER(N+7.20)	B2	V60X60	141.429	10.561	ENVOL	10.442	ENVOL	11.334	ENVOL
3ER(N+7.20)	B2	V60X60	188.571	10.442	ENVOL	10.442	ENVOL	11.334	ENVOL
3ER(N+7.20)	B2	V60X60	235.714	10.442	ENVOL	10.442	ENVOL	11.334	ENVOL
3ER(N+7.20)	B2	V60X60	282.857	11.048	ENVOL	13.559	ENVOL	11.334	ENVOL
3ER(N+7.20)	B2	V60X60	330.000	16.921	ENVOL	20.840	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	30.000	11.953	ENVOL	9.302	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	77.500	11.048	ENVOL	8.920	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	125.000	8.066	ENVOL	8.199	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	172.500	4.755	ENVOL	7.145	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	220.000	4.215	ENVOL	5.762	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	267.500	4.215	ENVOL	4.215	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	315.000	4.215	ENVOL	4.215	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	362.500	4.215	ENVOL	4.921	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	410.000	4.215	ENVOL	6.549	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	457.500	5.957	ENVOL	7.853	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	505.000	9.375	ENVOL	8.827	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	552.500	11.048	ENVOL	9.465	ENVOL	11.334	ENVOL
3ER(N+7.20)	B3	V60X60	600.000	13.115	ENVOL	9.763	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	30.000	12.952	C14	9.862	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	77.500	11.048	ENVOL	9.539	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	125.000	9.238	ENVOL	8.876	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	172.500	5.856	ENVOL	7.876	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	220.000	4.164	ENVOL	6.547	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	267.500	4.164	ENVOL	4.894	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	315.000	4.164	ENVOL	4.164	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	362.500	4.164	ENVOL	4.164	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	410.000	4.164	ENVOL	5.690	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	457.500	4.881	ENVOL	7.038	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	505.000	8.219	ENVOL	8.057	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	552.500	11.048	ENVOL	8.742	ENVOL	11.334	ENVOL
3ER(N+7.20)	B4	V60X60	600.000	12.113	ENVOL	9.090	ENVOL	11.334	ENVOL
3ER(N+7.20)	B5	V60X60	30.000	17.782	ENVOL	19.174	ENVOL	11.334	ENVOL
3ER(N+7.20)	B5	V60X60	78.000	11.048	ENVOL	12.950	ENVOL	11.334	ENVOL
3ER(N+7.20)	B5	V60X60	126.000	10.691	ENVOL	10.691	ENVOL	11.334	ENVOL
3ER(N+7.20)	B5	V60X60	174.000	10.691	ENVOL	10.691	ENVOL	11.334	ENVOL
3ER(N+7.20)	B5	V60X60	222.000	10.691	ENVOL	11.048	ENVOL	11.334	ENVOL
3ER(N+7.20)	B5	V60X60	270.000	15.464	ENVOL	14.058	ENVOL	11.334	ENVOL
3ER(N+7.20)	B5	V60X60	270.000	15.440	ENVOL	13.806	ENVOL	11.334	ENVOL
3ER(N+7.20)	B5	V60X60	315.000	24.990	ENVOL	17.796	ENVOL	11.334	ENVOL
3ER(N+7.20)	B5	V60X60	360.000	35.700	ENVOL	21.664	ENVOL	11.334	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 118 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B6	V60X60	0.000	0.735	ENVOL	0.367	ENVOL	11.334	C14
3ER(N+7.20)	B6	V60X60	45.000	0.198	ENVOL	0.199	ENVOL	11.334	C14
3ER(N+7.20)	B6	V60X60	90.000	0.183	ENVOL	0.293	ENVOL	11.334	C14
3ER(N+7.20)	B6	V60X60	135.000	0.183	ENVOL	0.183	ENVOL	11.334	C14
3ER(N+7.20)	B6	V60X60	180.000	0.429	ENVOL	0.214	ENVOL	11.334	C14
3ER(N+7.20)	B7	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	45.714	0.000	ENVOL	1.125	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	91.429	0.000	ENVOL	1.883	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	137.143	0.000	ENVOL	2.264	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	182.857	0.000	ENVOL	2.264	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	228.571	0.000	ENVOL	1.883	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	274.286	0.000	ENVOL	1.125	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	320.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	30.000	11.048	ENVOL	5.837	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	77.273	6.440	ENVOL	4.993	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	124.545	4.896	ENVOL	6.452	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	171.818	4.896	ENVOL	7.034	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	219.091	4.896	ENVOL	7.539	C2	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	266.364	4.896	ENVOL	8.024	C2	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	313.636	4.896	ENVOL	7.578	C2	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	360.909	4.896	ENVOL	6.867	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	408.182	4.896	ENVOL	6.029	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	455.455	7.817	ENVOL	4.896	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	502.727	11.048	ENVOL	4.896	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	550.000	15.335	ENVOL	9.928	ENVOL	0.000	ENVOL
3ER(N+7.20)	B14	V50X60	30.000	12.220	ENVOL	7.922	ENVOL	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	75.682	8.884	ENVOL	3.909	ENVOL	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	121.364	3.909	ENVOL	4.166	C2	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	167.045	3.909	ENVOL	8.158	C2	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	212.727	3.909	ENVOL	9.207	C2	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	258.409	3.909	ENVOL	9.211	C2	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	304.091	3.909	ENVOL	9.226	C2	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	349.773	3.909	ENVOL	9.207	C2	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	395.455	3.909	ENVOL	8.261	C2	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	441.136	3.909	ENVOL	4.307	C2	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	486.818	7.456	ENVOL	3.909	ENVOL	9.864	ENVOL
3ER(N+7.20)	B14	V50X60	532.500	10.956	ENVOL	7.124	ENVOL	9.864	ENVOL
3ER(N+7.20)	B16	V40X60	30.000	26.427	ENVOL	12.134	ENVOL	8.226	C18
3ER(N+7.20)	B16	V40X60	77.273	15.943	ENVOL	7.365	ENVOL	8.226	C18
3ER(N+7.20)	B16	V40X60	124.545	8.184	ENVOL	7.365	ENVOL	8.226	C18
3ER(N+7.20)	B16	V40X60	171.818	7.365	ENVOL	7.365	ENVOL	8.226	C18
3ER(N+7.20)	B16	V40X60	219.091	7.365	ENVOL	7.365	ENVOL	8.226	C18
3ER(N+7.20)	B16	V40X60	266.364	7.365	ENVOL	9.260	C2	8.226	C18
3ER(N+7.20)	B16	V40X60	313.636	7.365	ENVOL	10.623	C2	8.226	C18
3ER(N+7.20)	B16	V40X60	360.909	7.365	ENVOL	10.785	C2	8.226	C18
3ER(N+7.20)	B16	V40X60	408.182	7.365	ENVOL	9.740	C2	8.226	C18
3ER(N+7.20)	B16	V40X60	455.455	7.365	ENVOL	7.532	C2	8.226	C18
3ER(N+7.20)	B16	V40X60	502.727	7.365	ENVOL	7.365	ENVOL	8.226	C18
3ER(N+7.20)	B16	V40X60	550.000	0.000	ENVOL	0.000	ENVOL	8.226	C18
3ER(N+7.20)	B17	V50X60	30.000	13.222	ENVOL	8.551	ENVOL	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	78.333	9.207	ENVOL	4.215	ENVOL	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	126.667	4.923	ENVOL	4.215	ENVOL	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	175.000	4.215	ENVOL	6.184	C2	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	223.333	4.215	ENVOL	9.207	C2	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	271.667	4.215	ENVOL	9.207	ENVOL	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	320.000	4.215	ENVOL	10.340	C2	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	320.000	4.215	ENVOL	10.235	C2	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	362.500	4.215	ENVOL	9.207	C2	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	405.000	4.215	ENVOL	8.637	C2	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	447.500	4.215	ENVOL	4.486	C2	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	490.000	6.970	ENVOL	4.215	ENVOL	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	532.500	10.390	ENVOL	6.766	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	0.000	15.914	ENVOL	10.291	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 119 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


3ER(N+7.20)	B20	V60X60	45.714	11.243	ENVOL	5.073	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	91.429	9.558	ENVOL	5.073	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	137.143	5.073	ENVOL	5.073	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	182.857	5.073	ENVOL	5.592	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	228.571	5.073	ENVOL	6.614	C2	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	274.286	5.073	ENVOL	8.085	C2	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	320.000	5.073	ENVOL	8.971	C2	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	320.000	5.073	ENVOL	9.104	C2	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	370.000	5.073	ENVOL	8.314	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	420.000	5.073	ENVOL	7.511	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	470.000	5.223	ENVOL	5.763	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	520.000	11.048	ENVOL	5.482	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	45.000	0.000	ENVOL	2.423	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	90.000	0.000	ENVOL	4.474	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	135.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	180.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	225.000	0.000	ENVOL	6.116	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	270.000	0.000	ENVOL	6.374	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	270.000	0.000	ENVOL	6.519	C2	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	315.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	360.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	405.000	0.000	ENVOL	4.559	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	450.000	0.000	ENVOL	3.083	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	495.000	0.000	ENVOL	1.563	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	30.000	14.795	ENVOL	9.207	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	76.000	11.043	ENVOL	8.587	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	122.000	9.207	ENVOL	7.312	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	168.000	6.089	ENVOL	5.755	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	214.000	4.690	ENVOL	4.690	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	260.000	4.690	ENVOL	4.690	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	306.000	4.690	ENVOL	4.690	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	352.000	4.690	ENVOL	6.939	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	398.000	6.130	ENVOL	9.207	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	444.000	9.207	ENVOL	9.207	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	490.000	9.894	ENVOL	10.530	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	50.000	22.839	ENVOL	10.803	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	98.333	18.464	ENVOL	7.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	146.667	14.388	ENVOL	7.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	195.000	10.574	ENVOL	7.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	243.333	9.207	ENVOL	7.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	291.667	7.028	ENVOL	7.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	340.000	7.028	ENVOL	9.130	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	388.333	7.028	ENVOL	9.671	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	436.667	7.028	ENVOL	12.461	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	485.000	7.028	ENVOL	15.217	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	533.333	7.028	ENVOL	17.934	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	581.667	7.028	ENVOL	20.611	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	630.000	7.028	ENVOL	23.242	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	630.000	7.028	ENVOL	23.172	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	678.333	7.028	ENVOL	20.583	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	726.667	7.028	ENVOL	17.947	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	775.000	7.028	ENVOL	15.267	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	823.333	7.028	ENVOL	12.547	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	871.667	7.028	ENVOL	9.790	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	920.000	7.028	ENVOL	9.207	C2	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	968.333	7.028	ENVOL	7.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	1016.667	8.970	ENVOL	7.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	1065.000	10.248	ENVOL	7.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	1113.333	14.000	ENVOL	7.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	1161.667	18.010	ENVOL	7.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	1210.000	22.311	ENVOL	10.568	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	50.000	9.271	ENVOL	10.624	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	96.000	8.341	ENVOL	9.322	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 120 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B35	V50X60	142.000	5.436	ENVOL	9.207	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	188.000	5.436	ENVOL	8.131	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	234.000	5.436	ENVOL	5.592	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	280.000	5.436	ENVOL	5.436	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	280.000	5.436	ENVOL	5.436	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	326.000	5.436	ENVOL	5.436	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	372.000	5.436	ENVOL	5.824	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	418.000	9.207	ENVOL	6.329	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	464.000	12.300	ENVOL	6.328	ENVOL	0.000	ENVOL
3ER(N+7.20)	B35	V50X60	510.000	17.304	ENVOL	9.207	ENVOL	0.000	ENVOL
3ER(N+7.20)	B42	V60X60	30.000	4.378	ENVOL	6.863	ENVOL	11.334	ENVOL
3ER(N+7.20)	B42	V60X60	78.000	4.313	ENVOL	4.313	ENVOL	11.334	ENVOL
3ER(N+7.20)	B42	V60X60	126.000	4.313	ENVOL	4.313	ENVOL	11.334	ENVOL
3ER(N+7.20)	B42	V60X60	174.000	4.984	ENVOL	4.313	ENVOL	11.334	ENVOL
3ER(N+7.20)	B42	V60X60	222.000	10.859	ENVOL	4.313	ENVOL	11.334	ENVOL
3ER(N+7.20)	B42	V60X60	270.000	13.435	ENVOL	8.731	ENVOL	11.334	ENVOL
3ER(N+7.20)	B44	V50X60	17.500	11.341	ENVOL	7.368	ENVOL	0.000	ENVOL
3ER(N+7.20)	B44	V50X60	59.583	9.207	ENVOL	3.639	ENVOL	0.000	ENVOL
3ER(N+7.20)	B44	V50X60	101.667	6.652	ENVOL	3.639	ENVOL	0.000	ENVOL
3ER(N+7.20)	B44	V50X60	143.750	3.740	ENVOL	3.639	ENVOL	0.000	ENVOL
3ER(N+7.20)	B44	V50X60	185.833	3.639	ENVOL	3.639	ENVOL	0.000	ENVOL
3ER(N+7.20)	B44	V50X60	227.917	3.639	ENVOL	3.639	ENVOL	0.000	ENVOL
3ER(N+7.20)	B44	V50X60	270.000	0.000	ENVOL	0.295	ENVOL	0.000	ENVOL
3ER(N+7.20)	B49	V50X60	17.500	12.639	ENVOL	8.185	ENVOL	0.000	ENVOL
3ER(N+7.20)	B49	V50X60	58.000	9.207	ENVOL	4.038	ENVOL	0.000	ENVOL
3ER(N+7.20)	B49	V50X60	98.500	8.297	ENVOL	4.038	ENVOL	0.000	ENVOL
3ER(N+7.20)	B49	V50X60	139.000	4.918	ENVOL	4.038	ENVOL	0.000	ENVOL
3ER(N+7.20)	B49	V50X60	179.500	4.038	ENVOL	4.038	ENVOL	0.000	ENVOL
3ER(N+7.20)	B49	V50X60	220.000	4.038	ENVOL	4.038	ENVOL	0.000	ENVOL
3ER(N+7.20)	B49	V50X60	220.000	4.038	ENVOL	4.038	ENVOL	0.000	ENVOL
3ER(N+7.20)	B49	V50X60	270.000	0.000	ENVOL	0.356	ENVOL	0.000	ENVOL
3ER(N+7.20)	B53	V60X60	30.000	5.792	ENVOL	5.369	ENVOL	11.334	ENVOL
3ER(N+7.20)	B53	V60X60	77.500	3.517	ENVOL	3.517	ENVOL	11.334	ENVOL
3ER(N+7.20)	B53	V60X60	125.000	3.517	ENVOL	3.517	ENVOL	11.334	ENVOL
3ER(N+7.20)	B53	V60X60	172.500	4.271	ENVOL	3.595	ENVOL	11.334	ENVOL
3ER(N+7.20)	B53	V60X60	220.000	8.202	ENVOL	6.080	ENVOL	11.334	ENVOL
3ER(N+7.20)	B53	V60X60	220.000	7.540	ENVOL	6.714	ENVOL	11.334	ENVOL
3ER(N+7.20)	B53	V60X60	270.000	11.048	ENVOL	7.102	ENVOL	11.334	ENVOL
3ER(N+7.20)	B59	V20X60	0.000	0.051	ENVOL	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B59	V20X60	40.000	0.013	ENVOL	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B59	V20X60	80.000	0.013	ENVOL	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B59	V20X60	120.000	0.051	ENVOL	0.025	ENVOL	0.000	ENVOL
3ER(N+7.20)	B61	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	4.815	C1
3ER(N+7.20)	B61	V20X60	46.667	0.000	ENVOL	0.226	ENVOL	4.815	C1
3ER(N+7.20)	B61	V20X60	93.333	0.000	ENVOL	0.396	ENVOL	4.815	C1
3ER(N+7.20)	B61	V20X60	140.000	0.000	ENVOL	0.509	ENVOL	4.815	C1
3ER(N+7.20)	B61	V20X60	186.667	0.000	ENVOL	0.566	ENVOL	4.815	C1
3ER(N+7.20)	B61	V20X60	233.333	0.000	ENVOL	0.566	ENVOL	4.815	C1
3ER(N+7.20)	B61	V20X60	280.000	0.000	ENVOL	0.509	ENVOL	4.815	C1
3ER(N+7.20)	B61	V20X60	326.667	0.000	ENVOL	0.396	ENVOL	4.815	C1
3ER(N+7.20)	B61	V20X60	373.333	0.000	ENVOL	0.226	ENVOL	4.815	C1
3ER(N+7.20)	B61	V20X60	420.000	0.000	ENVOL	0.000	ENVOL	4.815	C1
3ER(N+7.20)	B67	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	4.419	C1
3ER(N+7.20)	B67	V20X60	46.667	0.000	ENVOL	0.226	ENVOL	4.419	C1
3ER(N+7.20)	B67	V20X60	93.333	0.000	ENVOL	0.396	ENVOL	4.419	C1
3ER(N+7.20)	B67	V20X60	140.000	0.000	ENVOL	0.509	ENVOL	4.419	C1
3ER(N+7.20)	B67	V20X60	186.667	0.000	ENVOL	0.566	ENVOL	4.419	C1
3ER(N+7.20)	B67	V20X60	233.333	0.000	ENVOL	0.566	ENVOL	4.419	C1
3ER(N+7.20)	B67	V20X60	280.000	0.000	ENVOL	0.509	ENVOL	4.419	C1
3ER(N+7.20)	B67	V20X60	326.667	0.000	ENVOL	0.396	ENVOL	4.419	C1
3ER(N+7.20)	B67	V20X60	373.333	0.000	ENVOL	0.226	ENVOL	4.419	C1
3ER(N+7.20)	B67	V20X60	420.000	0.000	ENVOL	0.000	ENVOL	4.419	C1


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 121 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B70	V20X60	0.000	0.047	ENVOL	0.023	ENVOL	0.000	ENVOL
3ER(N+7.20)	B70	V20X60	40.000	0.014	ENVOL	0.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B70	V20X60	80.000	0.014	ENVOL	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B70	V20X60	120.000	0.055	ENVOL	0.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B73	V60X60	0.000	0.394	ENVOL	0.197	ENVOL	0.000	ENVOL
3ER(N+7.20)	B73	V60X60	45.000	0.158	ENVOL	0.120	ENVOL	0.000	ENVOL
3ER(N+7.20)	B73	V60X60	90.000	0.120	ENVOL	0.120	ENVOL	0.000	ENVOL
3ER(N+7.20)	B73	V60X60	135.000	0.176	ENVOL	0.120	ENVOL	0.000	ENVOL
3ER(N+7.20)	B73	V60X60	180.000	0.480	ENVOL	0.240	ENVOL	0.000	ENVOL
3ER(N+7.20)	B75	V60X60	0.000	0.343	ENVOL	0.171	ENVOL	0.000	ENVOL
3ER(N+7.20)	B75	V60X60	45.000	0.128	ENVOL	0.128	ENVOL	0.000	ENVOL
3ER(N+7.20)	B75	V60X60	90.000	0.128	ENVOL	0.128	ENVOL	0.000	ENVOL
3ER(N+7.20)	B75	V60X60	135.000	0.186	ENVOL	0.128	ENVOL	0.000	ENVOL
3ER(N+7.20)	B75	V60X60	180.000	0.513	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	0.000	13.823	ENVOL	8.976	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	50.000	11.048	ENVOL	4.717	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	100.000	10.226	ENVOL	4.717	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	150.000	6.821	ENVOL	4.717	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	200.000	4.717	ENVOL	4.717	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	250.000	4.717	ENVOL	5.069	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	300.000	4.717	ENVOL	6.035	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	350.000	4.717	ENVOL	6.634	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	400.000	4.717	ENVOL	6.863	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	450.000	4.717	ENVOL	7.030	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	500.000	4.717	ENVOL	7.188	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	550.000	4.717	ENVOL	6.910	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	600.000	4.717	ENVOL	6.522	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	650.000	4.717	ENVOL	6.170	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	700.000	4.717	ENVOL	5.449	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	750.000	4.717	ENVOL	4.717	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	800.000	4.717	ENVOL	4.717	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	850.000	7.600	ENVOL	4.717	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	900.000	11.048	ENVOL	4.717	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	950.000	11.368	ENVOL	4.717	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	1000.000	14.748	ENVOL	9.559	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	0.000	14.433	ENVOL	9.361	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	50.000	11.102	ENVOL	4.646	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	100.000	10.854	ENVOL	4.646	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	150.000	7.365	ENVOL	4.646	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	200.000	4.646	ENVOL	4.646	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	250.000	4.646	ENVOL	4.885	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	300.000	4.646	ENVOL	5.881	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	350.000	4.646	ENVOL	6.511	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	400.000	4.646	ENVOL	6.772	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	450.000	4.646	ENVOL	6.956	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	500.000	4.646	ENVOL	7.160	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	550.000	4.646	ENVOL	6.930	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	600.000	4.646	ENVOL	6.629	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	650.000	4.646	ENVOL	6.349	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	700.000	4.646	ENVOL	5.699	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	750.000	4.646	ENVOL	4.683	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	800.000	4.646	ENVOL	4.646	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	850.000	7.407	ENVOL	4.646	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	900.000	10.918	ENVOL	4.646	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	950.000	11.167	ENVOL	4.646	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	1000.000	14.516	ENVOL	9.414	ENVOL	0.000	ENVOL
3ER(N+7.20)	B270	V60X60	0.000	0.360	ENVOL	0.180	ENVOL	0.000	ENVOL
3ER(N+7.20)	B270	V60X60	45.000	0.090	ENVOL	0.090	ENVOL	0.000	ENVOL
3ER(N+7.20)	B270	V60X60	90.000	0.090	ENVOL	0.090	ENVOL	0.000	ENVOL
3ER(N+7.20)	B270	V60X60	135.000	0.093	ENVOL	0.094	ENVOL	0.000	ENVOL
3ER(N+7.20)	B270	V60X60	180.000	0.317	ENVOL	0.158	ENVOL	0.000	ENVOL
3ER(N+7.20)	B272	V60X60	0.000	0.366	ENVOL	0.183	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 122 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B272	V60X60	45.000	0.091	ENVOL	0.091	ENVOL	0.000	ENVOL
3ER(N+7.20)	B272	V60X60	90.000	0.091	ENVOL	0.091	ENVOL	0.000	ENVOL
3ER(N+7.20)	B272	V60X60	135.000	0.099	ENVOL	0.091	ENVOL	0.000	ENVOL
3ER(N+7.20)	B272	V60X60	180.000	0.326	ENVOL	0.163	ENVOL	0.000	ENVOL
3ER(N+7.20)	B274	V60X60	0.000	0.092	ENVOL	0.046	ENVOL	0.000	ENVOL
3ER(N+7.20)	B274	V60X60	40.000	0.065	ENVOL	0.065	ENVOL	0.000	ENVOL
3ER(N+7.20)	B274	V60X60	80.000	0.093	ENVOL	0.085	ENVOL	0.000	ENVOL
3ER(N+7.20)	B274	V60X60	120.000	0.259	ENVOL	0.129	ENVOL	0.000	ENVOL
3ER(N+7.20)	B276	V60X60	0.000	20.032	ENVOL	11.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B276	V60X60	46.000	13.168	ENVOL	9.154	ENVOL	0.000	ENVOL
3ER(N+7.20)	B276	V60X60	92.000	9.022	ENVOL	6.307	ENVOL	0.000	ENVOL
3ER(N+7.20)	B276	V60X60	138.000	6.307	ENVOL	6.307	ENVOL	0.000	ENVOL
3ER(N+7.20)	B276	V60X60	184.000	6.307	ENVOL	6.754	ENVOL	0.000	ENVOL
3ER(N+7.20)	B276	V60X60	230.000	7.032	ENVOL	11.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B286	V60X60	60.000	6.842	ENVOL	11.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B286	V60X60	106.000	6.164	ENVOL	6.645	ENVOL	0.000	ENVOL
3ER(N+7.20)	B286	V60X60	152.000	6.164	ENVOL	6.164	ENVOL	0.000	ENVOL
3ER(N+7.20)	B286	V60X60	198.000	8.787	ENVOL	6.164	ENVOL	0.000	ENVOL
3ER(N+7.20)	B286	V60X60	244.000	12.846	ENVOL	8.997	ENVOL	0.000	ENVOL
3ER(N+7.20)	B286	V60X60	290.000	19.548	ENVOL	11.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B288	V60X60	0.000	0.252	ENVOL	0.126	ENVOL	0.000	ENVOL
3ER(N+7.20)	B288	V60X60	40.000	0.090	ENVOL	0.085	ENVOL	0.000	ENVOL
3ER(N+7.20)	B288	V60X60	80.000	0.063	ENVOL	0.063	ENVOL	0.000	ENVOL
3ER(N+7.20)	B288	V60X60	120.000	0.095	ENVOL	0.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B296	V60X60	0.000	16.248	ENVOL	12.041	ENVOL	0.000	ENVOL
3ER(N+7.20)	B296	V60X60	48.000	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B296	V60X60	96.000	8.197	ENVOL	10.705	ENVOL	0.000	ENVOL
3ER(N+7.20)	B296	V60X60	144.000	5.174	ENVOL	6.938	ENVOL	0.000	ENVOL
3ER(N+7.20)	B296	V60X60	192.000	5.174	ENVOL	5.174	ENVOL	0.000	ENVOL
3ER(N+7.20)	B296	V60X60	240.000	5.174	ENVOL	5.174	ENVOL	0.000	ENVOL
3ER(N+7.20)	B296	V60X60	240.000	5.174	ENVOL	5.174	ENVOL	0.000	ENVOL
3ER(N+7.20)	B296	V60X60	273.753	6.649	ENVOL	7.342	ENVOL	0.000	ENVOL
3ER(N+7.20)	B296	V60X60	307.507	11.048	ENVOL	9.204	ENVOL	0.000	ENVOL
3ER(N+7.20)	B296	V60X60	341.260	12.167	ENVOL	10.724	ENVOL	0.000	ENVOL
3ER(N+7.20)	B297	V60X60	0.000	17.423	ENVOL	11.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B297	V60X60	48.000	11.649	C18	11.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B297	V60X60	96.000	8.941	C18	9.819	ENVOL	0.000	ENVOL
3ER(N+7.20)	B297	V60X60	144.000	5.529	ENVOL	6.477	ENVOL	0.000	ENVOL
3ER(N+7.20)	B297	V60X60	192.000	5.529	ENVOL	5.529	ENVOL	0.000	ENVOL
3ER(N+7.20)	B297	V60X60	240.000	5.529	ENVOL	5.529	ENVOL	0.000	ENVOL
3ER(N+7.20)	B297	V60X60	240.000	5.529	ENVOL	5.529	ENVOL	0.000	ENVOL
3ER(N+7.20)	B297	V60X60	273.753	6.008	ENVOL	7.892	ENVOL	0.000	ENVOL
3ER(N+7.20)	B297	V60X60	307.507	10.238	ENVOL	10.008	ENVOL	0.000	ENVOL
3ER(N+7.20)	B297	V60X60	341.260	11.207	ENVOL	11.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B306	V40X60	0.000	0.742	ENVOL	0.370	ENVOL	6.709	C14
3ER(N+7.20)	B306	V40X60	41.727	0.191	ENVOL	0.309	C2	6.709	C14
3ER(N+7.20)	B306	V40X60	83.455	0.191	ENVOL	0.560	C2	6.709	C14
3ER(N+7.20)	B306	V40X60	125.182	0.191	ENVOL	0.311	C2	6.709	C14
3ER(N+7.20)	B306	V40X60	166.909	0.765	ENVOL	0.382	ENVOL	6.709	C14
3ER(N+7.20)	B307	V40X60	0.000	0.678	ENVOL	0.339	ENVOL	8.226	C18
3ER(N+7.20)	B307	V40X60	44.364	0.169	ENVOL	0.305	ENVOL	8.226	C18
3ER(N+7.20)	B307	V40X60	88.727	0.169	ENVOL	0.318	ENVOL	8.226	C18
3ER(N+7.20)	B307	V40X60	133.091	0.609	ENVOL	0.304	ENVOL	8.226	C18
3ER(N+7.20)	B308	V40X60	0.000	8.148	ENVOL	7.365	ENVOL	8.226	ENVOL
3ER(N+7.20)	B308	V40X60	41.057	7.232	ENVOL	6.407	ENVOL	8.226	ENVOL
3ER(N+7.20)	B308	V40X60	82.114	4.087	ENVOL	4.403	ENVOL	8.226	ENVOL
3ER(N+7.20)	B308	V40X60	123.171	2.625	ENVOL	2.625	ENVOL	8.226	ENVOL
3ER(N+7.20)	B308	V40X60	164.227	2.625	ENVOL	2.625	ENVOL	8.226	ENVOL
3ER(N+7.20)	B308	V40X60	205.284	2.940	ENVOL	3.583	ENVOL	8.226	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 123 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B309	V40X60	0.000	2.927	ENVOL	3.556	ENVOL	8.226	ENVOL
3ER(N+7.20)	B309	V40X60	41.057	2.658	ENVOL	2.658	ENVOL	8.226	ENVOL
3ER(N+7.20)	B309	V40X60	82.114	2.658	ENVOL	2.658	ENVOL	8.226	ENVOL
3ER(N+7.20)	B309	V40X60	123.171	4.183	ENVOL	4.316	ENVOL	8.226	ENVOL
3ER(N+7.20)	B309	V40X60	164.228	7.350	ENVOL	6.280	ENVOL	8.226	ENVOL
3ER(N+7.20)	B309	V40X60	205.285	8.254	ENVOL	7.365	ENVOL	8.226	ENVOL
3ER(N+7.20)	B311	V40X60	0.000	0.609	ENVOL	0.304	ENVOL	8.226	ENVOL
3ER(N+7.20)	B311	V40X60	44.363	0.176	ENVOL	0.311	ENVOL	8.226	ENVOL
3ER(N+7.20)	B311	V40X60	88.727	0.176	ENVOL	0.291	ENVOL	8.226	ENVOL
3ER(N+7.20)	B311	V40X60	133.090	0.706	ENVOL	0.352	ENVOL	8.226	ENVOL
3ER(N+7.20)	B312	V40X60	0.000	0.783	ENVOL	0.391	ENVOL	6.925	C14
3ER(N+7.20)	B312	V40X60	41.728	0.195	ENVOL	0.303	C2	6.925	C14
3ER(N+7.20)	B312	V40X60	83.455	0.195	ENVOL	0.558	C2	6.925	C14
3ER(N+7.20)	B312	V40X60	125.183	0.195	ENVOL	0.313	C2	6.925	C14
3ER(N+7.20)	B312	V40X60	166.910	0.729	ENVOL	0.364	ENVOL	6.925	C14
3ER(N+7.20)	B322	V20X60	0.000	0.984	ENVOL	0.491	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	46.364	0.664	ENVOL	0.245	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	92.727	0.394	ENVOL	0.306	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	139.091	0.245	ENVOL	0.367	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	185.454	0.245	ENVOL	0.381	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	231.818	0.245	ENVOL	0.349	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	278.182	0.245	ENVOL	0.293	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	324.545	0.245	ENVOL	0.259	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	370.909	0.245	ENVOL	0.245	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	417.273	0.282	ENVOL	0.245	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	463.636	0.557	ENVOL	0.245	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	510.000	0.881	ENVOL	0.439	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	0.000	0.558	ENVOL	0.279	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	46.861	0.256	ENVOL	0.350	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	93.721	0.256	ENVOL	0.299	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	140.582	0.419	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	140.582	1.033	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	186.418	0.427	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	232.255	0.256	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	278.091	0.256	ENVOL	0.432	C2	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	323.927	0.256	ENVOL	0.532	C2	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	369.764	0.256	ENVOL	0.503	C2	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	415.600	0.256	ENVOL	0.367	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	461.436	0.256	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	507.273	0.600	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	553.109	1.028	ENVOL	0.512	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	0.000	1.027	ENVOL	0.512	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	45.836	0.598	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	91.673	0.256	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	137.509	0.256	ENVOL	0.410	C2	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	183.346	0.256	ENVOL	0.566	C2	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	229.182	0.256	ENVOL	0.610	C2	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	275.018	0.256	ENVOL	0.525	C2	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	320.855	0.256	ENVOL	0.295	C2	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	366.691	0.420	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	412.528	1.025	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	412.528	0.410	ENVOL	0.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	459.388	0.256	ENVOL	0.305	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	506.249	0.256	ENVOL	0.357	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	553.110	0.547	ENVOL	0.273	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	0.000	1.071	ENVOL	0.534	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	46.364	0.738	ENVOL	0.266	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	92.727	0.453	ENVOL	0.266	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	139.091	0.266	ENVOL	0.324	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	185.455	0.266	ENVOL	0.351	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	231.818	0.266	ENVOL	0.333	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	278.182	0.266	ENVOL	0.289	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	324.545	0.266	ENVOL	0.271	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 124 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B326	V20X60	370.909	0.266	ENVOL	0.266	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	417.273	0.266	ENVOL	0.266	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	463.636	0.504	ENVOL	0.266	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	510.000	0.814	ENVOL	0.406	ENVOL	0.000	ENVOL
3ER(N+7.20)	B339	V20X60	0.000	2.703	ENVOL	1.340	ENVOL	0.000	ENVOL
3ER(N+7.20)	B339	V20X60	48.534	0.667	ENVOL	0.667	ENVOL	0.000	ENVOL
3ER(N+7.20)	B339	V20X60	97.068	0.667	ENVOL	1.721	C2	0.000	ENVOL
3ER(N+7.20)	B339	V20X60	145.602	0.667	ENVOL	2.148	C2	0.000	ENVOL
3ER(N+7.20)	B339	V20X60	194.137	0.667	ENVOL	1.747	C2	0.000	ENVOL
3ER(N+7.20)	B339	V20X60	242.671	0.667	ENVOL	0.667	ENVOL	0.000	ENVOL
3ER(N+7.20)	B339	V20X60	291.205	2.670	ENVOL	1.324	ENVOL	0.000	ENVOL
3ER(N+7.20)	B340	V20X60	0.000	2.651	ENVOL	1.315	ENVOL	0.000	ENVOL
3ER(N+7.20)	B340	V20X60	48.534	0.677	ENVOL	0.677	ENVOL	0.000	ENVOL
3ER(N+7.20)	B340	V20X60	97.068	0.677	ENVOL	1.748	C2	0.000	ENVOL
3ER(N+7.20)	B340	V20X60	145.603	0.677	ENVOL	2.139	C2	0.000	ENVOL
3ER(N+7.20)	B340	V20X60	194.137	0.677	ENVOL	1.703	C2	0.000	ENVOL
3ER(N+7.20)	B340	V20X60	242.671	0.677	ENVOL	0.677	ENVOL	0.000	ENVOL
3ER(N+7.20)	B340	V20X60	291.205	2.744	ENVOL	1.361	ENVOL	0.000	ENVOL
3ER(N+7.20)	B341	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	5.073	C14
3ER(N+7.20)	B341	V20X60	47.460	0.000	ENVOL	0.584	ENVOL	5.073	C14
3ER(N+7.20)	B341	V20X60	94.921	0.000	ENVOL	1.076	ENVOL	5.073	C14
3ER(N+7.20)	B341	V20X60	142.381	0.000	ENVOL	1.429	ENVOL	5.073	C14
3ER(N+7.20)	B341	V20X60	189.842	0.000	ENVOL	1.597	ENVOL	5.073	C14
3ER(N+7.20)	B341	V20X60	237.302	0.000	ENVOL	1.533	ENVOL	5.073	C14
3ER(N+7.20)	B341	V20X60	284.763	0.000	ENVOL	1.205	ENVOL	5.073	C14
3ER(N+7.20)	B341	V20X60	332.223	0.000	ENVOL	0.666	ENVOL	5.073	C14
3ER(N+7.20)	B341	V20X60	379.683	0.000	ENVOL	0.000	ENVOL	5.073	C14
3ER(N+7.20)	B342	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	5.008	C14
3ER(N+7.20)	B342	V20X60	47.460	0.000	ENVOL	0.666	ENVOL	5.008	C14
3ER(N+7.20)	B342	V20X60	94.921	0.000	ENVOL	1.205	ENVOL	5.008	C14
3ER(N+7.20)	B342	V20X60	142.381	0.000	ENVOL	1.533	ENVOL	5.008	C14
3ER(N+7.20)	B342	V20X60	189.842	0.000	ENVOL	1.597	ENVOL	5.008	C14
3ER(N+7.20)	B342	V20X60	237.302	0.000	ENVOL	1.429	ENVOL	5.008	C14
3ER(N+7.20)	B342	V20X60	284.763	0.000	ENVOL	1.076	ENVOL	5.008	C14
3ER(N+7.20)	B342	V20X60	332.223	0.000	ENVOL	0.584	ENVOL	5.008	C14
3ER(N+7.20)	B342	V20X60	379.684	0.000	ENVOL	0.000	ENVOL	5.008	C14
3ER(N+7.20)	B348	V20X60	0.000	0.477	ENVOL	0.400	ENVOL	0.000	ENVOL
3ER(N+7.20)	B348	V20X60	50.000	0.493	ENVOL	0.463	ENVOL	0.000	ENVOL
3ER(N+7.20)	B348	V20X60	100.000	0.565	ENVOL	0.470	ENVOL	0.000	ENVOL
3ER(N+7.20)	B350	V20X60	0.000	0.402	ENVOL	0.473	ENVOL	0.000	ENVOL
3ER(N+7.20)	B350	V20X60	50.000	0.412	ENVOL	0.542	ENVOL	0.000	ENVOL
3ER(N+7.20)	B350	V20X60	100.000	0.478	ENVOL	0.557	ENVOL	0.000	ENVOL
3ER(N+7.20)	B351	V60X60	0.000	5.074	ENVOL	2.520	ENVOL	0.000	ENVOL
3ER(N+7.20)	B351	V60X60	40.369	2.701	ENVOL	1.255	ENVOL	0.000	ENVOL
3ER(N+7.20)	B351	V60X60	80.737	0.481	ENVOL	0.240	ENVOL	0.000	ENVOL
3ER(N+7.20)	B352	V60X60	0.000	0.488	ENVOL	0.244	ENVOL	0.000	ENVOL
3ER(N+7.20)	B352	V60X60	31.812	2.060	ENVOL	1.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	0.000	0.653	ENVOL	0.326	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	48.186	0.172	ENVOL	0.271	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	96.372	0.163	ENVOL	0.163	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	144.558	0.312	ENVOL	0.163	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	144.558	0.201	ENVOL	0.163	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	171.853	0.210	ENVOL	0.163	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	171.853	0.324	ENVOL	0.185	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	214.418	0.347	ENVOL	0.208	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	0.000	0.320	ENVOL	0.183	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	34.930	0.221	ENVOL	0.210	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	69.860	0.256	ENVOL	0.171	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	69.860	0.307	ENVOL	0.171	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 125 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B354	V20X60	118.046	0.171	ENVOL	0.171	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	166.232	0.193	ENVOL	0.251	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	214.418	0.686	ENVOL	0.342	ENVOL	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	0.000	0.630	ENVOL	0.315	ENVOL	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	46.000	0.220	ENVOL	0.220	ENVOL	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	92.000	0.220	ENVOL	0.408	C2	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	138.000	0.220	ENVOL	0.410	C2	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	184.000	0.220	ENVOL	0.220	ENVOL	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	230.000	0.882	ENVOL	0.441	ENVOL	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	0.000	0.863	ENVOL	0.431	ENVOL	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	46.000	0.215	ENVOL	0.215	ENVOL	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	92.000	0.215	ENVOL	0.408	C2	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	138.000	0.215	ENVOL	0.397	C2	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	184.000	0.215	ENVOL	0.215	ENVOL	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	230.000	0.664	ENVOL	0.332	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	47.147	1.526	ENVOL	1.526	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	94.295	1.526	ENVOL	2.168	C2	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	141.442	1.526	ENVOL	3.053	C2	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	188.589	1.526	ENVOL	3.683	C2	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	235.737	1.526	ENVOL	3.683	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	282.884	1.526	ENVOL	3.683	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	330.031	1.526	ENVOL	3.750	C2	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	330.031	1.526	ENVOL	3.687	C2	4.763	C2
3ER(N+7.20)	B359	V20X60	377.179	1.526	ENVOL	3.683	ENVOL	4.763	C2
3ER(N+7.20)	B359	V20X60	424.326	1.526	ENVOL	3.438	C2	4.763	C2
3ER(N+7.20)	B359	V20X60	471.473	1.526	ENVOL	2.396	C2	4.763	C2
3ER(N+7.20)	B359	V20X60	518.621	1.526	ENVOL	1.526	ENVOL	4.763	C2
3ER(N+7.20)	B359	V20X60	565.768	2.423	ENVOL	1.526	ENVOL	4.763	C2
3ER(N+7.20)	B359	V20X60	612.915	3.683	ENVOL	1.526	ENVOL	4.763	C2
3ER(N+7.20)	B359	V20X60	660.063	4.713	ENVOL	3.080	ENVOL	4.763	C2
3ER(N+7.20)	B360	V20X60	0.000	4.672	ENVOL	3.054	ENVOL	4.778	C2
3ER(N+7.20)	B360	V20X60	47.147	3.683	ENVOL	1.513	ENVOL	4.778	C2
3ER(N+7.20)	B360	V20X60	94.295	2.379	ENVOL	1.513	ENVOL	4.778	C2
3ER(N+7.20)	B360	V20X60	141.442	1.513	ENVOL	1.513	ENVOL	4.778	C2
3ER(N+7.20)	B360	V20X60	188.589	1.513	ENVOL	2.420	C2	4.778	C2
3ER(N+7.20)	B360	V20X60	235.737	1.513	ENVOL	3.460	C2	4.778	C2
3ER(N+7.20)	B360	V20X60	282.884	1.513	ENVOL	3.683	ENVOL	4.778	C2
3ER(N+7.20)	B360	V20X60	330.031	1.513	ENVOL	3.699	C2	4.778	C2
3ER(N+7.20)	B360	V20X60	330.031	1.513	ENVOL	3.765	C2	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	377.179	1.513	ENVOL	3.683	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	424.326	1.513	ENVOL	3.683	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	471.473	1.513	ENVOL	3.683	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	518.621	1.513	ENVOL	3.061	C2	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	565.768	1.513	ENVOL	2.174	C2	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	612.915	1.513	ENVOL	1.513	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	660.063	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	0.000	1.862	ENVOL	0.926	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	49.864	1.158	ENVOL	0.462	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	99.729	0.516	ENVOL	0.604	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	149.593	0.462	ENVOL	1.024	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	199.458	0.462	ENVOL	1.438	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	249.322	0.462	ENVOL	1.828	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	299.186	0.462	ENVOL	2.166	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	349.051	0.462	ENVOL	2.457	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	398.915	0.462	ENVOL	2.720	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	448.780	0.462	ENVOL	2.942	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	448.780	0.462	ENVOL	2.937	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	498.644	0.462	ENVOL	2.718	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	548.508	0.462	ENVOL	2.459	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	598.373	0.462	ENVOL	2.174	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	648.237	0.462	ENVOL	1.840	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	698.102	0.462	ENVOL	1.454	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	747.966	0.462	ENVOL	1.029	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 126 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


3ER(N+7.20)	B387	V20X60	797.831	0.492	ENVOL	0.607	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	847.695	1.128	ENVOL	0.462	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	897.560	1.826	ENVOL	0.908	ENVOL	0.000	ENVOL
3ER(N+7.20)	B388	V60X60	0.000	12.794	ENVOL	8.326	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	49.402	11.048	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	98.805	10.345	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	148.207	7.594	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	197.610	5.222	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	247.012	4.115	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	296.415	4.115	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	345.817	4.115	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	395.220	4.115	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	444.622	4.115	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	494.025	4.115	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	543.427	4.185	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	592.830	6.224	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	642.232	8.516	ENVOL	4.115	ENVOL	11.334	ENVOL
3ER(N+7.20)	B388	V60X60	691.635	11.044	ENVOL	5.438	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	0.000	10.398	ENVOL	5.125	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	49.402	7.987	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	98.805	5.806	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	148.207	4.375	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	197.610	4.375	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	247.012	4.375	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	296.415	4.375	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	345.817	4.375	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	395.220	4.375	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	444.622	4.375	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	494.025	5.721	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	543.427	8.237	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	592.830	11.048	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	642.232	11.048	ENVOL	4.375	ENVOL	11.334	ENVOL
3ER(N+7.20)	B389	V60X60	691.635	13.633	ENVOL	8.857	ENVOL	11.334	ENVOL
3ER(N+7.20)	B394	V60X90	0.000	10.458	ENVOL	5.179	ENVOL	18.062	C1
3ER(N+7.20)	B394	V60X90	49.140	6.321	ENVOL	2.577	ENVOL	18.062	C1
3ER(N+7.20)	B394	V60X90	98.279	2.959	ENVOL	2.577	ENVOL	18.062	C1
3ER(N+7.20)	B394	V60X90	147.419	0.586	ENVOL	0.293	ENVOL	18.062	C1
3ER(N+7.20)	B395	V60X60	0.000	5.271	ENVOL	2.617	ENVOL	0.000	ENVOL
3ER(N+7.20)	B395	V60X60	48.333	2.202	ENVOL	1.304	ENVOL	0.000	ENVOL
3ER(N+7.20)	B395	V60X60	96.667	1.304	ENVOL	1.304	ENVOL	0.000	ENVOL
3ER(N+7.20)	B395	V60X60	145.000	0.280	ENVOL	0.140	ENVOL	0.000	ENVOL
3ER(N+7.20)	B396	V60X90	0.000	0.581	ENVOL	0.290	ENVOL	18.062	C1
3ER(N+7.20)	B396	V60X90	49.140	2.946	ENVOL	2.571	ENVOL	18.062	C1
3ER(N+7.20)	B396	V60X90	98.279	6.302	ENVOL	2.571	ENVOL	18.062	C1
3ER(N+7.20)	B396	V60X90	147.419	10.433	ENVOL	5.167	ENVOL	18.062	C1
3ER(N+7.20)	B397	V60X100	0.000	12.331	ENVOL	6.121	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	47.537	7.881	ENVOL	3.049	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	95.075	3.626	ENVOL	3.479	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	142.612	3.049	ENVOL	6.849	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	190.149	3.049	ENVOL	10.157	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	237.687	3.049	ENVOL	13.345	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	285.224	3.049	ENVOL	16.506	C2	24.550	C2
3ER(N+7.20)	B397	V60X100	332.761	3.049	ENVOL	19.083	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	380.299	3.049	ENVOL	19.083	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	427.836	3.049	ENVOL	19.865	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	475.374	3.049	ENVOL	22.352	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	475.374	3.049	ENVOL	22.365	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	522.911	3.049	ENVOL	19.886	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	570.448	3.049	ENVOL	19.083	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	617.986	3.049	ENVOL	19.083	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	665.523	3.049	ENVOL	16.516	C2	24.550	C2
3ER(N+7.20)	B397	V60X100	713.061	3.049	ENVOL	13.424	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	760.598	3.049	ENVOL	10.248	ENVOL	24.550	C2

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 127 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


3ER(N+7.20)	B397	V60X100	808.135	3.049	ENVOL	6.950	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	855.673	3.560	ENVOL	3.534	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	903.210	7.672	ENVOL	3.049	ENVOL	24.550	C2
3ER(N+7.20)	B397	V60X100	950.748	12.077	ENVOL	5.995	ENVOL	24.550	C2
3ER(N+7.20)	B402	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.412	C1
3ER(N+7.20)	B402	V30X60	48.120	2.813	ENVOL	2.813	ENVOL	6.412	C1
3ER(N+7.20)	B402	V30X60	96.240	2.813	ENVOL	4.601	C2	6.412	C1
3ER(N+7.20)	B402	V30X60	144.360	2.813	ENVOL	5.524	ENVOL	6.412	C1
3ER(N+7.20)	B402	V30X60	192.481	2.813	ENVOL	5.959	C2	6.412	C1
3ER(N+7.20)	B402	V30X60	240.601	2.813	ENVOL	6.809	C2	6.412	C1
3ER(N+7.20)	B402	V30X60	288.721	2.813	ENVOL	7.366	C2	6.412	C1
3ER(N+7.20)	B402	V30X60	336.841	2.813	ENVOL	7.618	C2	6.412	C1
3ER(N+7.20)	B402	V30X60	384.961	2.813	ENVOL	7.556	C2	6.412	C1
3ER(N+7.20)	B402	V30X60	433.081	2.813	ENVOL	7.174	C2	6.412	C1
3ER(N+7.20)	B402	V30X60	481.202	2.813	ENVOL	6.475	C2	6.412	C1
3ER(N+7.20)	B402	V30X60	529.322	2.813	ENVOL	5.524	ENVOL	6.412	C1
3ER(N+7.20)	B402	V30X60	577.442	2.813	ENVOL	5.524	C2	6.412	C1
3ER(N+7.20)	B402	V30X60	625.562	2.813	ENVOL	3.391	C2	6.412	C1
3ER(N+7.20)	B402	V30X60	673.682	2.813	ENVOL	2.813	ENVOL	6.412	C1
3ER(N+7.20)	B402	V30X60	721.802	3.666	ENVOL	2.813	ENVOL	6.412	C1
3ER(N+7.20)	B402	V30X60	769.922	5.531	ENVOL	2.813	ENVOL	6.412	C1
3ER(N+7.20)	B402	V30X60	818.043	8.874	ENVOL	5.524	ENVOL	6.412	C1
3ER(N+7.20)	B403	V30X60	0.000	7.418	ENVOL	4.807	ENVOL	6.395	C1
3ER(N+7.20)	B403	V30X60	49.905	5.524	ENVOL	2.372	ENVOL	6.395	C1
3ER(N+7.20)	B403	V30X60	99.811	2.440	ENVOL	2.372	ENVOL	6.395	C1
3ER(N+7.20)	B403	V30X60	149.716	2.372	ENVOL	2.372	ENVOL	6.395	C1
3ER(N+7.20)	B403	V30X60	199.622	2.372	ENVOL	3.824	C2	6.395	C1
3ER(N+7.20)	B403	V30X60	249.527	2.372	ENVOL	5.524	C2	6.395	C1
3ER(N+7.20)	B403	V30X60	299.433	2.372	ENVOL	5.524	ENVOL	6.395	C1
3ER(N+7.20)	B403	V30X60	349.338	2.372	ENVOL	6.204	C2	6.395	C1
3ER(N+7.20)	B403	V30X60	399.244	2.372	ENVOL	6.681	C2	6.395	C1
3ER(N+7.20)	B403	V30X60	449.149	2.372	ENVOL	6.839	C2	6.395	C1
3ER(N+7.20)	B403	V30X60	499.055	2.372	ENVOL	6.683	C2	6.395	C1
3ER(N+7.20)	B403	V30X60	548.960	2.372	ENVOL	6.225	C2	6.395	C1
3ER(N+7.20)	B403	V30X60	598.866	2.372	ENVOL	5.524	ENVOL	6.395	C1
3ER(N+7.20)	B403	V30X60	648.771	2.372	ENVOL	5.524	ENVOL	6.395	C1
3ER(N+7.20)	B403	V30X60	698.677	2.372	ENVOL	4.341	ENVOL	6.395	C1
3ER(N+7.20)	B403	V30X60	748.582	2.372	ENVOL	2.372	ENVOL	6.395	C1
3ER(N+7.20)	B403	V30X60	798.488	0.000	ENVOL	0.000	ENVOL	6.395	C1
3ER(N+7.20)	B404	V40X60	0.000	10.285	ENVOL	6.658	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	49.320	7.492	ENVOL	3.283	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	98.639	6.649	ENVOL	3.283	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	147.959	3.760	ENVOL	3.283	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	197.279	3.283	ENVOL	3.383	C2	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	246.598	3.283	ENVOL	5.030	C2	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	295.918	3.283	ENVOL	6.282	C2	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	345.238	3.283	ENVOL	7.125	C2	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	394.557	3.283	ENVOL	7.365	C2	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	443.877	3.283	ENVOL	7.365	C2	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	493.197	3.283	ENVOL	7.093	C2	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	542.517	3.283	ENVOL	6.219	C2	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	591.836	3.283	ENVOL	4.919	C2	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	641.156	3.283	ENVOL	3.283	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	690.476	3.561	ENVOL	3.283	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	739.795	6.461	ENVOL	3.283	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	789.115	7.405	ENVOL	4.835	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	0.000	7.381	ENVOL	4.820	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	49.320	6.372	ENVOL	3.574	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	98.639	3.574	ENVOL	3.574	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	147.959	3.574	ENVOL	3.574	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	197.279	3.574	ENVOL	5.324	C2	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	246.598	3.574	ENVOL	6.675	C2	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	295.918	3.574	ENVOL	7.365	C2	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	345.238	3.574	ENVOL	7.365	C2	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	394.557	3.574	ENVOL	7.365	C2	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 128 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B405	V40X60	443.877	3.574	ENVOL	7.365	C2	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	493.197	3.574	ENVOL	6.664	C2	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	542.517	3.574	ENVOL	5.308	C2	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	591.836	3.574	ENVOL	3.574	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	641.156	4.124	ENVOL	3.574	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	690.476	7.253	ENVOL	3.574	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	739.795	8.170	ENVOL	3.574	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	789.115	11.243	ENVOL	7.256	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	0.000	12.286	ENVOL	7.964	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	48.604	9.207	ENVOL	4.513	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	97.208	8.398	ENVOL	4.513	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	145.811	5.071	ENVOL	4.513	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	194.415	4.513	ENVOL	4.513	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	243.019	4.513	ENVOL	5.380	C2	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	291.623	4.513	ENVOL	6.762	C2	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	340.226	4.513	ENVOL	7.827	C2	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	388.830	4.513	ENVOL	8.576	C2	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	437.434	4.513	ENVOL	9.009	C2	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	486.038	4.513	ENVOL	9.131	C2	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	486.038	4.513	ENVOL	9.791	C2	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	536.038	4.513	ENVOL	8.416	C2	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	586.038	4.513	ENVOL	4.513	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	636.038	9.207	ENVOL	4.513	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	686.038	14.205	ENVOL	9.164	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	0.000	13.213	ENVOL	8.545	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	48.604	9.873	ENVOL	4.270	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	97.208	9.195	ENVOL	4.270	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	145.811	5.669	ENVOL	4.270	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	194.415	4.270	ENVOL	4.270	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	243.019	4.270	ENVOL	5.211	C2	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	291.623	4.270	ENVOL	6.740	C2	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	340.226	4.270	ENVOL	7.954	C2	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	388.830	4.270	ENVOL	8.854	C2	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	437.434	4.270	ENVOL	9.207	C2	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	486.038	4.270	ENVOL	9.207	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	486.038	4.270	ENVOL	10.167	C2	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	536.038	4.270	ENVOL	8.537	C2	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	586.038	4.270	ENVOL	4.561	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	636.038	9.207	ENVOL	4.270	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	686.038	13.402	ENVOL	8.663	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	0.000	0.000	ENVOL	0.000	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	46.404	1.683	ENVOL	1.683	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	92.808	1.683	ENVOL	1.683	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	139.211	1.683	ENVOL	2.266	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	185.615	1.683	ENVOL	2.769	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	232.019	1.683	ENVOL	3.119	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	278.423	1.683	ENVOL	3.302	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	324.827	1.683	ENVOL	3.301	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	371.231	1.683	ENVOL	3.103	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	417.634	1.683	ENVOL	2.695	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	464.038	2.143	ENVOL	2.065	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	510.442	3.441	ENVOL	1.683	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	556.846	5.010	ENVOL	1.683	ENVOL	8.226	ENVOL
3ER(N+7.20)	B426	V40X60	603.250	6.876	C14	3.389	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	0.000	6.220	ENVOL	3.070	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	46.404	4.729	ENVOL	1.526	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	92.808	3.368	ENVOL	1.526	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	139.212	2.147	ENVOL	2.073	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	185.616	1.526	ENVOL	2.724	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	232.019	1.526	ENVOL	3.223	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	278.423	1.526	ENVOL	3.555	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	324.827	1.526	ENVOL	3.704	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	371.231	1.526	ENVOL	3.655	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	417.635	1.526	ENVOL	3.394	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	464.039	1.526	ENVOL	2.909	ENVOL	8.226	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 129 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B428	V40X60	510.443	1.526	ENVOL	2.188	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	556.847	1.526	ENVOL	1.526	ENVOL	8.226	ENVOL
3ER(N+7.20)	B428	V40X60	603.251	0.000	ENVOL	0.000	ENVOL	8.226	ENVOL
3ER(N+7.20)	B433	V40X60	0.000	0.223	ENVOL	0.111	ENVOL	8.226	ENVOL
3ER(N+7.20)	B433	V40X60	37.500	0.168	ENVOL	0.056	ENVOL	8.226	ENVOL
3ER(N+7.20)	B433	V40X60	75.000	0.176	ENVOL	0.088	ENVOL	8.226	ENVOL
3ER(N+7.20)	B435	V40X60	0.000	0.101	ENVOL	0.050	ENVOL	8.226	ENVOL
3ER(N+7.20)	B435	V40X60	41.306	0.092	ENVOL	0.050	ENVOL	8.226	ENVOL
3ER(N+7.20)	B435	V40X60	41.306	0.197	ENVOL	0.050	ENVOL	8.040	C1
3ER(N+7.20)	B435	V40X60	79.729	0.099	ENVOL	0.050	ENVOL	8.040	C1
3ER(N+7.20)	B435	V40X60	118.153	0.067	ENVOL	0.053	ENVOL	8.040	C1
3ER(N+7.20)	B435	V40X60	156.576	0.101	ENVOL	0.050	ENVOL	8.040	C1
3ER(N+7.20)	B435	V40X60	195.000	0.201	ENVOL	0.100	ENVOL	8.040	C1
3ER(N+7.20)	B437	V40X60	0.000	12.752	ENVOL	7.365	ENVOL	0.000	ENVOL
3ER(N+7.20)	B437	V40X60	46.160	8.878	ENVOL	7.066	ENVOL	0.000	ENVOL
3ER(N+7.20)	B437	V40X60	92.319	7.354	ENVOL	6.074	ENVOL	0.000	ENVOL
3ER(N+7.20)	B437	V40X60	138.479	4.026	ENVOL	4.659	ENVOL	0.000	ENVOL
3ER(N+7.20)	B437	V40X60	184.639	4.026	ENVOL	4.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B437	V40X60	230.798	4.026	ENVOL	4.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B437	V40X60	276.958	4.026	ENVOL	5.573	ENVOL	0.000	ENVOL
3ER(N+7.20)	B437	V40X60	323.117	4.740	ENVOL	7.365	ENVOL	0.000	ENVOL
3ER(N+7.20)	B437	V40X60	369.277	7.365	ENVOL	7.493	ENVOL	0.000	ENVOL
3ER(N+7.20)	B437	V40X60	415.437	8.881	ENVOL	8.825	ENVOL	0.000	ENVOL
3ER(N+7.20)	B443	V40X60	0.000	7.899	ENVOL	9.741	ENVOL	0.000	ENVOL
3ER(N+7.20)	B443	V40X60	46.160	6.993	ENVOL	8.264	ENVOL	0.000	ENVOL
3ER(N+7.20)	B443	V40X60	92.319	4.585	ENVOL	7.365	ENVOL	0.000	ENVOL
3ER(N+7.20)	B443	V40X60	138.479	4.585	ENVOL	6.163	ENVOL	0.000	ENVOL
3ER(N+7.20)	B443	V40X60	184.639	4.585	ENVOL	4.585	ENVOL	0.000	ENVOL
3ER(N+7.20)	B443	V40X60	230.798	4.585	ENVOL	4.585	ENVOL	0.000	ENVOL
3ER(N+7.20)	B443	V40X60	276.958	4.585	ENVOL	4.585	ENVOL	0.000	ENVOL
3ER(N+7.20)	B443	V40X60	323.118	7.365	ENVOL	5.211	ENVOL	0.000	ENVOL
3ER(N+7.20)	B443	V40X60	369.277	10.089	ENVOL	5.574	ENVOL	0.000	ENVOL
3ER(N+7.20)	B443	V40X60	415.437	14.650	ENVOL	7.365	ENVOL	0.000	ENVOL
3ER(N+7.20)	B445	V40X60	0.000	0.356	ENVOL	0.178	ENVOL	7.737	C1
3ER(N+7.20)	B445	V40X60	38.424	0.095	ENVOL	0.089	ENVOL	7.737	C1
3ER(N+7.20)	B445	V40X60	76.848	0.089	ENVOL	0.141	C2	7.737	C1
3ER(N+7.20)	B445	V40X60	115.271	0.092	ENVOL	0.089	ENVOL	7.737	C1
3ER(N+7.20)	B445	V40X60	153.695	0.367	ENVOL	0.089	ENVOL	7.737	C1
3ER(N+7.20)	B445	V40X60	153.695	0.100	ENVOL	0.089	ENVOL	8.226	ENVOL
3ER(N+7.20)	B445	V40X60	195.000	0.109	ENVOL	0.054	ENVOL	8.226	ENVOL
3ER(N+7.20)	B447	V40X60	0.000	0.184	ENVOL	0.092	ENVOL	8.226	ENVOL
3ER(N+7.20)	B447	V40X60	37.500	0.176	ENVOL	0.058	ENVOL	8.226	ENVOL
3ER(N+7.20)	B447	V40X60	75.000	0.231	ENVOL	0.116	ENVOL	8.226	ENVOL
3ER(N+7.20)	B449	V40X60	0.000	0.000	ENVOL	0.093	ENVOL	8.226	ENVOL
3ER(N+7.20)	B449	V40X60	38.827	0.133	ENVOL	0.133	ENVOL	8.226	ENVOL
3ER(N+7.20)	B449	V40X60	77.654	0.133	ENVOL	0.133	ENVOL	8.226	ENVOL
3ER(N+7.20)	B449	V40X60	116.481	0.265	ENVOL	0.133	ENVOL	8.226	ENVOL
3ER(N+7.20)	B449	V40X60	155.308	0.533	ENVOL	0.266	ENVOL	8.226	ENVOL
3ER(N+7.20)	B451	V40X60	0.000	0.530	ENVOL	0.265	ENVOL	8.226	ENVOL
3ER(N+7.20)	B451	V40X60	38.827	0.265	ENVOL	0.132	ENVOL	8.226	ENVOL
3ER(N+7.20)	B451	V40X60	77.654	0.132	ENVOL	0.132	ENVOL	8.226	ENVOL
3ER(N+7.20)	B451	V40X60	116.481	0.132	ENVOL	0.132	ENVOL	8.226	ENVOL
3ER(N+7.20)	B451	V40X60	155.308	0.132	ENVOL	0.132	ENVOL	8.226	ENVOL
3ER(N+7.20)	B451	V40X60	155.308	0.189	ENVOL	0.132	ENVOL	7.240	ENVOL
3ER(N+7.20)	B451	V40X60	195.308	0.132	ENVOL	0.132	ENVOL	7.240	ENVOL
3ER(N+7.20)	B451	V40X60	235.308	0.044	ENVOL	0.027	ENVOL	7.240	ENVOL
3ER(N+7.20)	B452	V30X60	0.000	6.115	ENVOL	3.984	ENVOL	5.394	C1
3ER(N+7.20)	B452	V30X60	46.875	4.598	ENVOL	1.970	ENVOL	5.394	C1
3ER(N+7.20)	B452	V30X60	93.750	2.355	ENVOL	1.970	ENVOL	5.394	C1
3ER(N+7.20)	B452	V30X60	140.625	1.970	ENVOL	1.970	ENVOL	5.394	C1


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 130 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B452	V30X60	187.500	1.970	ENVOL	1.970	ENVOL	5.394	C1
3ER(N+7.20)	B452	V30X60	234.375	1.970	ENVOL	1.970	ENVOL	5.394	C1
3ER(N+7.20)	B452	V30X60	281.250	1.970	ENVOL	1.970	ENVOL	5.394	C1
3ER(N+7.20)	B452	V30X60	328.125	1.970	ENVOL	1.970	ENVOL	5.394	C1
3ER(N+7.20)	B452	V30X60	375.000	3.789	ENVOL	1.875	ENVOL	5.394	C1
3ER(N+7.20)	B454	V30X60	0.000	5.743	ENVOL	3.747	ENVOL	0.000	ENVOL
3ER(N+7.20)	B454	V30X60	46.875	4.484	ENVOL	2.323	ENVOL	0.000	ENVOL
3ER(N+7.20)	B454	V30X60	93.750	1.924	ENVOL	2.728	ENVOL	0.000	ENVOL
3ER(N+7.20)	B454	V30X60	140.625	1.854	ENVOL	2.623	ENVOL	0.000	ENVOL
3ER(N+7.20)	B454	V30X60	187.500	1.854	ENVOL	2.755	C2	0.000	ENVOL
3ER(N+7.20)	B454	V30X60	234.375	1.854	ENVOL	2.649	C2	0.000	ENVOL
3ER(N+7.20)	B454	V30X60	281.250	1.854	ENVOL	3.091	ENVOL	0.000	ENVOL
3ER(N+7.20)	B454	V30X60	328.125	2.811	ENVOL	3.089	ENVOL	0.000	ENVOL
3ER(N+7.20)	B454	V30X60	375.000	5.507	ENVOL	2.712	ENVOL	0.000	ENVOL
3ER(N+7.20)	B457	V30X60	0.000	5.524	ENVOL	3.316	ENVOL	0.000	ENVOL
3ER(N+7.20)	B457	V30X60	46.875	3.851	ENVOL	2.824	ENVOL	0.000	ENVOL
3ER(N+7.20)	B457	V30X60	93.750	1.643	ENVOL	3.007	ENVOL	0.000	ENVOL
3ER(N+7.20)	B457	V30X60	140.625	1.643	ENVOL	2.680	ENVOL	0.000	ENVOL
3ER(N+7.20)	B457	V30X60	187.500	1.643	ENVOL	2.666	C2	0.000	ENVOL
3ER(N+7.20)	B457	V30X60	234.375	1.643	ENVOL	2.382	C2	0.000	ENVOL
3ER(N+7.20)	B457	V30X60	281.250	1.643	ENVOL	2.550	ENVOL	0.000	ENVOL
3ER(N+7.20)	B457	V30X60	328.125	3.650	ENVOL	2.316	ENVOL	0.000	ENVOL
3ER(N+7.20)	B457	V30X60	375.000	5.524	ENVOL	3.241	ENVOL	0.000	ENVOL
3ER(N+7.20)	B458	V30X60	0.000	8.042	ENVOL	5.198	ENVOL	6.420	ENVOL
3ER(N+7.20)	B458	V30X60	46.875	5.782	ENVOL	2.562	ENVOL	6.420	ENVOL
3ER(N+7.20)	B458	V30X60	93.750	5.524	ENVOL	2.562	ENVOL	6.420	ENVOL
3ER(N+7.20)	B458	V30X60	140.625	4.371	ENVOL	2.562	ENVOL	6.420	ENVOL
3ER(N+7.20)	B458	V30X60	187.500	3.939	ENVOL	2.562	ENVOL	6.420	ENVOL
3ER(N+7.20)	B458	V30X60	234.375	4.346	ENVOL	2.562	ENVOL	6.420	ENVOL
3ER(N+7.20)	B458	V30X60	281.250	5.484	ENVOL	2.562	ENVOL	6.420	ENVOL
3ER(N+7.20)	B458	V30X60	328.125	5.524	ENVOL	2.562	ENVOL	6.420	ENVOL
3ER(N+7.20)	B458	V30X60	375.000	7.565	ENVOL	4.900	ENVOL	6.420	ENVOL
3ER(N+7.20)	B459	V40X60	0.000	0.024	ENVOL	0.024	ENVOL	6.700	C18
3ER(N+7.20)	B459	V40X60	40.000	0.047	ENVOL	0.046	ENVOL	6.700	C18
3ER(N+7.20)	B459	V40X60	80.000	0.183	ENVOL	0.091	ENVOL	6.700	C18
3ER(N+7.20)	B464	V40X60	0.000	13.486	ENVOL	7.365	ENVOL	0.000	ENVOL
3ER(N+7.20)	B464	V40X60	49.957	9.024	ENVOL	7.365	ENVOL	0.000	ENVOL
3ER(N+7.20)	B464	V40X60	99.915	6.905	ENVOL	6.297	ENVOL	0.000	ENVOL
3ER(N+7.20)	B464	V40X60	149.872	4.243	ENVOL	4.485	ENVOL	0.000	ENVOL
3ER(N+7.20)	B464	V40X60	199.829	4.243	ENVOL	4.243	ENVOL	0.000	ENVOL
3ER(N+7.20)	B464	V40X60	249.787	4.243	ENVOL	4.608	ENVOL	0.000	ENVOL
3ER(N+7.20)	B464	V40X60	299.744	4.243	ENVOL	7.365	ENVOL	0.000	ENVOL
3ER(N+7.20)	B464	V40X60	349.701	7.365	ENVOL	7.445	ENVOL	0.000	ENVOL
3ER(N+7.20)	B464	V40X60	399.659	9.227	ENVOL	8.898	ENVOL	0.000	ENVOL
3ER(N+7.20)	B465	V40X60	0.000	0.000	ENVOL	0.065	ENVOL	0.000	ENVOL
3ER(N+7.20)	B465	V40X60	48.649	0.615	ENVOL	0.574	ENVOL	0.000	ENVOL
3ER(N+7.20)	B465	V40X60	97.298	1.403	ENVOL	0.574	ENVOL	0.000	ENVOL
3ER(N+7.20)	B465	V40X60	145.947	2.313	ENVOL	1.151	ENVOL	0.000	ENVOL
3ER(N+7.20)	B467	V40X60	0.000	4.726	ENVOL	2.340	ENVOL	0.000	ENVOL
3ER(N+7.20)	B467	V40X60	48.649	3.002	ENVOL	1.164	ENVOL	0.000	ENVOL
3ER(N+7.20)	B467	V40X60	97.298	1.408	ENVOL	1.164	ENVOL	0.000	ENVOL
3ER(N+7.20)	B467	V40X60	145.947	0.000	ENVOL	0.083	ENVOL	0.000	ENVOL
3ER(N+7.20)	B468	V60X60	0.000	11.048	ENVOL	12.679	ENVOL	0.000	ENVOL
3ER(N+7.20)	B468	V60X60	49.957	9.240	ENVOL	11.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B468	V60X60	99.915	5.891	ENVOL	9.870	ENVOL	0.000	ENVOL
3ER(N+7.20)	B468	V60X60	149.872	5.891	ENVOL	5.891	ENVOL	0.000	ENVOL
3ER(N+7.20)	B468	V60X60	199.830	5.891	ENVOL	5.891	ENVOL	0.000	ENVOL
3ER(N+7.20)	B468	V60X60	249.787	5.891	ENVOL	5.891	ENVOL	0.000	ENVOL
3ER(N+7.20)	B468	V60X60	299.744	10.340	ENVOL	8.168	ENVOL	0.000	ENVOL
3ER(N+7.20)	B468	V60X60	349.702	12.850	ENVOL	10.002	ENVOL	0.000	ENVOL
3ER(N+7.20)	B468	V60X60	399.659	18.633	ENVOL	11.048	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 131 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B469	V60X60	0.000	0.776	ENVOL	0.388	ENVOL	11.334	C1
3ER(N+7.20)	B469	V60X60	41.250	2.928	ENVOL	2.511	ENVOL	11.334	C1
3ER(N+7.20)	B469	V60X60	82.500	5.222	ENVOL	2.511	ENVOL	11.334	C1
3ER(N+7.20)	B469	V60X60	123.750	7.663	ENVOL	2.511	ENVOL	11.334	C1
3ER(N+7.20)	B469	V60X60	165.000	10.258	ENVOL	5.057	ENVOL	11.334	C1
3ER(N+7.20)	B470	V60X60	0.000	0.117	ENVOL	0.058	ENVOL	11.334	ENVOL
3ER(N+7.20)	B470	V60X60	37.500	0.059	ENVOL	0.029	ENVOL	11.334	ENVOL
3ER(N+7.20)	B470	V60X60	75.000	0.096	ENVOL	0.048	ENVOL	11.334	ENVOL
3ER(N+7.20)	B471	V60X100	0.000	0.627	ENVOL	0.313	ENVOL	24.550	ENVOL
3ER(N+7.20)	B471	V60X100	48.750	0.288	ENVOL	0.157	ENVOL	24.550	ENVOL
3ER(N+7.20)	B471	V60X100	97.500	0.157	ENVOL	0.157	ENVOL	24.550	ENVOL
3ER(N+7.20)	B471	V60X100	146.250	0.157	ENVOL	0.157	ENVOL	24.550	ENVOL
3ER(N+7.20)	B471	V60X100	195.000	0.209	ENVOL	0.105	ENVOL	24.550	ENVOL
3ER(N+7.20)	B472	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	49.523	0.000	ENVOL	0.365	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	99.046	0.000	ENVOL	0.651	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	148.568	0.000	ENVOL	0.833	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	198.091	0.000	ENVOL	0.884	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	247.614	0.000	ENVOL	0.778	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	297.137	0.000	ENVOL	0.491	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	346.659	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	1.659	0.000	ENVOL	0.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	1.659	0.000	ENVOL	0.048	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	51.659	0.000	ENVOL	1.367	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	101.659	0.000	ENVOL	2.492	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	151.659	0.000	ENVOL	3.443	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	201.659	0.000	ENVOL	3.683	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	201.659	0.000	ENVOL	3.683	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	249.992	0.000	ENVOL	2.896	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	298.326	0.000	ENVOL	1.474	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	346.659	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B478	V60X60	0.000	0.237	ENVOL	0.119	ENVOL	11.334	ENVOL
3ER(N+7.20)	B478	V60X60	48.750	0.136	ENVOL	0.136	ENVOL	11.334	ENVOL
3ER(N+7.20)	B478	V60X60	97.500	0.136	ENVOL	0.136	ENVOL	11.334	ENVOL
3ER(N+7.20)	B478	V60X60	146.250	0.228	ENVOL	0.136	ENVOL	11.334	ENVOL
3ER(N+7.20)	B478	V60X60	195.000	0.543	ENVOL	0.271	ENVOL	11.334	ENVOL
3ER(N+7.20)	B479	V60X60	0.000	0.302	ENVOL	0.151	ENVOL	10.636	ENVOL
3ER(N+7.20)	B479	V60X60	25.000	0.310	ENVOL	0.155	ENVOL	10.636	ENVOL
3ER(N+7.20)	B489	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B489	V30X60	48.000	0.000	ENVOL	0.179	ENVOL	0.000	ENVOL
3ER(N+7.20)	B489	V30X60	96.000	0.000	ENVOL	0.269	ENVOL	0.000	ENVOL
3ER(N+7.20)	B489	V30X60	144.000	0.000	ENVOL	0.269	ENVOL	0.000	ENVOL
3ER(N+7.20)	B489	V30X60	192.000	0.000	ENVOL	0.179	ENVOL	0.000	ENVOL
3ER(N+7.20)	B489	V30X60	240.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	0.000	15.862	ENVOL	7.564	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	48.000	11.697	ENVOL	4.966	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	96.000	8.101	ENVOL	4.966	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	144.000	6.673	ENVOL	4.966	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	192.000	4.966	ENVOL	4.966	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	240.000	4.966	ENVOL	7.231	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	288.000	4.966	ENVOL	7.365	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	336.000	4.966	ENVOL	8.872	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	384.000	4.966	ENVOL	10.051	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	432.000	4.966	ENVOL	10.846	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	480.000	4.966	ENVOL	11.244	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	528.000	4.966	ENVOL	11.239	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	576.000	4.966	ENVOL	10.833	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	624.000	4.966	ENVOL	10.030	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	672.000	4.966	ENVOL	8.842	C2	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 132 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B500	V40X60	720.000	4.966	ENVOL	7.365	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	768.000	4.966	ENVOL	7.171	C2	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	816.000	4.966	ENVOL	4.966	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	864.000	6.608	ENVOL	4.966	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	912.000	8.067	ENVOL	4.966	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	960.000	11.679	ENVOL	4.966	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	1008.000	15.965	ENVOL	7.611	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	0.000	20.190	ENVOL	9.619	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	48.235	14.798	ENVOL	6.383	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	96.471	10.148	ENVOL	6.383	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	144.706	8.197	ENVOL	6.383	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	192.941	6.383	ENVOL	6.383	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	241.176	6.383	ENVOL	7.620	C2	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	289.412	6.383	ENVOL	9.207	C2	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	337.647	6.383	ENVOL	9.478	C2	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	385.882	6.383	ENVOL	10.654	C2	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	434.118	6.383	ENVOL	11.337	C2	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	482.353	6.383	ENVOL	11.518	C2	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	530.588	6.383	ENVOL	11.194	C2	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	578.824	6.383	ENVOL	10.368	C2	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	627.059	6.383	ENVOL	9.207	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	675.294	6.383	ENVOL	9.207	C2	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	723.529	6.383	ENVOL	6.820	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	771.765	6.383	ENVOL	6.383	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	820.000	6.383	ENVOL	6.383	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	820.000	6.383	ENVOL	6.383	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	867.000	8.522	ENVOL	6.383	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	914.000	10.454	ENVOL	6.383	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	961.000	15.148	ENVOL	6.383	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	1008.000	20.566	ENVOL	9.788	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	0.000	15.234	ENVOL	7.155	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	47.000	10.087	ENVOL	4.642	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	94.000	5.807	ENVOL	4.642	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	141.000	4.642	ENVOL	4.642	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	188.000	4.642	ENVOL	4.681	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	188.000	4.642	ENVOL	4.681	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	236.235	4.642	ENVOL	6.060	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	284.470	4.642	ENVOL	8.270	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	332.706	4.642	ENVOL	10.104	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	380.941	4.642	ENVOL	11.527	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	429.176	4.642	ENVOL	12.508	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	477.412	4.642	ENVOL	13.024	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	525.647	4.642	ENVOL	13.063	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	573.882	4.642	ENVOL	12.624	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	622.117	4.642	ENVOL	11.717	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	670.353	4.642	ENVOL	10.364	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	718.588	4.642	ENVOL	8.594	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	766.823	4.642	ENVOL	6.442	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	815.059	4.642	ENVOL	5.260	C2	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	863.294	4.642	ENVOL	4.642	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	911.529	5.524	ENVOL	4.642	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	959.765	8.999	ENVOL	4.642	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	1008.000	13.844	ENVOL	6.544	ENVOL	0.000	ENVOL
3ER(N+7.20)	B513	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B513	V60X60	48.333	2.367	ENVOL	1.891	ENVOL	0.000	ENVOL
3ER(N+7.20)	B513	V60X60	96.667	4.925	ENVOL	1.891	ENVOL	0.000	ENVOL
3ER(N+7.20)	B513	V60X60	145.000	7.682	ENVOL	3.801	ENVOL	0.000	ENVOL
3ER(N+7.20)	B514	V60X60	0.000	0.244	ENVOL	0.122	ENVOL	11.334	ENVOL
3ER(N+7.20)	B514	V60X60	48.750	0.122	ENVOL	0.122	ENVOL	11.334	ENVOL
3ER(N+7.20)	B514	V60X60	97.500	0.122	ENVOL	0.122	ENVOL	11.334	ENVOL
3ER(N+7.20)	B514	V60X60	146.250	0.167	ENVOL	0.122	ENVOL	11.334	ENVOL
3ER(N+7.20)	B514	V60X60	195.000	0.487	ENVOL	0.243	ENVOL	11.334	ENVOL
3ER(N+7.20)	B518	V40X60	0.000	6.586	ENVOL	3.248	ENVOL	8.226	ENVOL
3ER(N+7.20)	B518	V40X60	50.000	3.988	C2	1.613	ENVOL	8.226	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 133 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B518	V40X60	100.000	2.020	ENVOL	1.613	ENVOL	8.226	ENVOL
3ER(N+7.20)	B518	V40X60	150.000	1.613	ENVOL	1.613	ENVOL	8.226	ENVOL
3ER(N+7.20)	B518	V40X60	200.000	0.000	ENVOL	0.134	ENVOL	8.226	ENVOL
3ER(N+7.20)	B519	V50X60	0.000	6.254	ENVOL	3.095	ENVOL	0.000	ENVOL
3ER(N+7.20)	B519	V50X60	50.000	3.587	ENVOL	1.540	ENVOL	0.000	ENVOL
3ER(N+7.20)	B519	V50X60	100.000	1.695	ENVOL	1.540	ENVOL	0.000	ENVOL
3ER(N+7.20)	B519	V50X60	150.000	1.540	ENVOL	1.540	ENVOL	0.000	ENVOL
3ER(N+7.20)	B519	V50X60	200.000	0.134	ENVOL	0.067	ENVOL	0.000	ENVOL
3ER(N+7.20)	B522	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B522	V20X60	48.333	0.404	ENVOL	0.341	ENVOL	0.000	ENVOL
3ER(N+7.20)	B522	V20X60	96.667	0.861	ENVOL	0.341	ENVOL	0.000	ENVOL
3ER(N+7.20)	B522	V20X60	145.000	1.375	ENVOL	0.684	ENVOL	0.000	ENVOL
3ER(N+7.20)	B523	V20X60	0.000	0.520	ENVOL	0.260	ENVOL	0.000	ENVOL
3ER(N+7.20)	B523	V20X60	48.750	0.595	ENVOL	0.284	ENVOL	0.000	ENVOL
3ER(N+7.20)	B523	V20X60	97.500	0.723	ENVOL	0.284	ENVOL	0.000	ENVOL
3ER(N+7.20)	B523	V20X60	146.250	0.905	ENVOL	0.284	ENVOL	0.000	ENVOL
3ER(N+7.20)	B523	V20X60	195.000	1.141	ENVOL	0.568	ENVOL	0.000	ENVOL
3ER(N+7.20)	B524	V20X60	0.000	0.847	ENVOL	0.423	ENVOL	0.000	ENVOL
3ER(N+7.20)	B524	V20X60	48.000	0.958	ENVOL	0.566	ENVOL	0.000	ENVOL
3ER(N+7.20)	B524	V20X60	96.000	1.120	ENVOL	0.566	ENVOL	0.000	ENVOL
3ER(N+7.20)	B524	V20X60	144.000	1.450	ENVOL	0.566	ENVOL	0.000	ENVOL
3ER(N+7.20)	B524	V20X60	192.000	1.841	ENVOL	0.566	ENVOL	0.000	ENVOL
3ER(N+7.20)	B524	V20X60	240.000	2.287	ENVOL	1.136	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	46.667	0.000	ENVOL	1.160	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	93.333	0.000	ENVOL	2.260	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	140.000	0.000	ENVOL	3.298	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	186.667	0.000	ENVOL	4.272	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	233.333	0.000	ENVOL	5.180	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	280.000	0.000	ENVOL	5.524	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	280.000	0.000	ENVOL	5.524	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	323.333	0.000	ENVOL	5.524	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	366.667	0.000	ENVOL	5.413	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	410.000	0.000	ENVOL	4.476	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	453.333	0.000	ENVOL	3.254	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	496.667	0.000	ENVOL	1.757	ENVOL	5.795	C1
3ER(N+7.20)	B630	V30X60	540.000	0.000	ENVOL	0.000	ENVOL	5.795	C1
3ER(N+7.20)	B631	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.420	C2
3ER(N+7.20)	B631	V30X60	44.000	0.000	ENVOL	0.714	ENVOL	6.420	C2
3ER(N+7.20)	B631	V30X60	88.000	0.000	ENVOL	1.073	ENVOL	6.420	C2
3ER(N+7.20)	B631	V30X60	132.000	0.000	ENVOL	1.073	ENVOL	6.420	C2
3ER(N+7.20)	B631	V30X60	176.000	0.000	ENVOL	0.714	ENVOL	6.420	C2
3ER(N+7.20)	B631	V30X60	220.000	0.000	ENVOL	0.000	ENVOL	6.420	C2
2DO(N+3.78)	B1	V60X60	0.000	0.426	ENVOL	0.213	ENVOL	11.334	ENVOL
2DO(N+3.78)	B1	V60X60	45.000	0.180	ENVOL	0.180	ENVOL	11.334	ENVOL
2DO(N+3.78)	B1	V60X60	90.000	0.180	ENVOL	0.330	ENVOL	11.334	ENVOL
2DO(N+3.78)	B1	V60X60	135.000	0.198	ENVOL	0.225	ENVOL	11.334	ENVOL
2DO(N+3.78)	B1	V60X60	180.000	0.719	ENVOL	0.359	ENVOL	11.334	ENVOL
2DO(N+3.78)	B2	V60X60	0.000	29.017	ENVOL	22.193	ENVOL	0.000	ENVOL
2DO(N+3.78)	B2	V60X60	47.143	20.924	ENVOL	17.146	ENVOL	0.000	ENVOL
2DO(N+3.78)	B2	V60X60	94.286	13.610	ENVOL	12.036	ENVOL	0.000	ENVOL
2DO(N+3.78)	B2	V60X60	141.429	9.263	ENVOL	9.160	ENVOL	0.000	ENVOL
2DO(N+3.78)	B2	V60X60	188.571	8.883	ENVOL	8.883	ENVOL	0.000	ENVOL
2DO(N+3.78)	B2	V60X60	235.714	8.883	ENVOL	8.883	ENVOL	0.000	ENVOL
2DO(N+3.78)	B2	V60X60	282.857	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
2DO(N+3.78)	B2	V60X60	330.000	15.858	ENVOL	16.500	ENVOL	0.000	ENVOL
2DO(N+3.78)	B3	V60X60	30.000	11.048	ENVOL	7.415	ENVOL	0.000	ENVOL
2DO(N+3.78)	B3	V60X60	77.500	9.378	ENVOL	7.348	ENVOL	0.000	ENVOL
2DO(N+3.78)	B3	V60X60	125.000	6.139	ENVOL	6.944	ENVOL	0.000	ENVOL
2DO(N+3.78)	B3	V60X60	172.500	3.758	ENVOL	6.206	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 134 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B3	V60X60	220.000	3.758	ENVOL	5.137	ENVOL	0.000	ENVOL
2DO (N+3.78)	B3	V60X60	267.500	3.758	ENVOL	3.758	ENVOL	0.000	ENVOL
2DO (N+3.78)	B3	V60X60	315.000	3.758	ENVOL	3.758	ENVOL	0.000	ENVOL
2DO (N+3.78)	B3	V60X60	362.500	3.758	ENVOL	4.684	ENVOL	0.000	ENVOL
2DO (N+3.78)	B3	V60X60	410.000	3.758	ENVOL	5.879	ENVOL	0.000	ENVOL
2DO (N+3.78)	B3	V60X60	457.500	5.040	ENVOL	6.746	ENVOL	0.000	ENVOL
2DO (N+3.78)	B3	V60X60	505.000	8.128	ENVOL	7.279	ENVOL	0.000	ENVOL
2DO (N+3.78)	B3	V60X60	552.500	11.048	ENVOL	7.477	ENVOL	0.000	ENVOL
2DO (N+3.78)	B3	V60X60	600.000	11.644	ENVOL	7.595	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	30.000	11.398	ENVOL	7.548	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	77.500	11.048	ENVOL	7.636	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	125.000	7.938	ENVOL	7.386	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	172.500	4.915	ENVOL	6.800	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	220.000	3.681	ENVOL	5.881	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	267.500	3.681	ENVOL	4.635	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	315.000	3.681	ENVOL	3.681	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	362.500	3.681	ENVOL	3.681	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	410.000	3.681	ENVOL	4.954	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	457.500	3.681	ENVOL	5.959	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	505.000	6.449	ENVOL	6.634	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	552.500	9.747	ENVOL	6.975	ENVOL	0.000	ENVOL
2DO (N+3.78)	B4	V60X60	600.000	11.048	ENVOL	6.980	ENVOL	0.000	ENVOL
2DO (N+3.78)	B5	V60X60	30.000	16.082	ENVOL	15.579	ENVOL	0.000	ENVOL
2DO (N+3.78)	B5	V60X60	78.000	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
2DO (N+3.78)	B5	V60X60	126.000	9.446	ENVOL	9.446	ENVOL	0.000	ENVOL
2DO (N+3.78)	B5	V60X60	174.000	9.446	ENVOL	9.446	ENVOL	0.000	ENVOL
2DO (N+3.78)	B5	V60X60	222.000	9.446	ENVOL	10.624	ENVOL	0.000	ENVOL
2DO (N+3.78)	B5	V60X60	270.000	13.590	ENVOL	12.823	ENVOL	0.000	ENVOL
2DO (N+3.78)	B5	V60X60	270.000	13.520	ENVOL	12.655	ENVOL	0.000	ENVOL
2DO (N+3.78)	B5	V60X60	315.000	21.837	ENVOL	16.055	ENVOL	0.000	ENVOL
2DO (N+3.78)	B5	V60X60	360.000	31.064	ENVOL	19.297	ENVOL	0.000	ENVOL
2DO (N+3.78)	B6	V60X60	0.000	0.727	ENVOL	0.363	ENVOL	11.334	ENVOL
2DO (N+3.78)	B6	V60X60	45.000	0.208	ENVOL	0.203	ENVOL	11.334	ENVOL
2DO (N+3.78)	B6	V60X60	90.000	0.182	ENVOL	0.315	ENVOL	11.334	ENVOL
2DO (N+3.78)	B6	V60X60	135.000	0.182	ENVOL	0.182	ENVOL	11.334	ENVOL
2DO (N+3.78)	B6	V60X60	180.000	0.430	ENVOL	0.215	ENVOL	11.334	ENVOL
2DO (N+3.78)	B7	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	45.714	0.000	ENVOL	1.125	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	91.429	0.000	ENVOL	1.883	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	137.143	0.000	ENVOL	2.264	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	182.857	0.000	ENVOL	2.264	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	228.571	0.000	ENVOL	1.883	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	274.286	0.000	ENVOL	1.125	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	320.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	30.000	10.961	ENVOL	5.398	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	77.273	5.738	ENVOL	4.285	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	124.545	4.285	ENVOL	5.223	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	171.818	4.285	ENVOL	6.213	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	219.091	4.285	ENVOL	7.430	C2	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	266.364	4.285	ENVOL	8.007	C2	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	313.636	4.285	ENVOL	7.653	C2	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	360.909	4.285	ENVOL	6.494	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	408.182	4.285	ENVOL	5.478	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	455.455	6.166	ENVOL	4.285	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	502.727	11.048	ENVOL	4.285	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	550.000	13.343	ENVOL	8.673	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	30.000	9.207	ENVOL	5.264	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	75.682	6.653	ENVOL	2.609	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	121.364	3.320	ENVOL	2.609	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	167.045	2.609	ENVOL	3.446	C2	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	212.727	2.609	ENVOL	4.872	C2	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	258.409	2.609	ENVOL	5.637	C2	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	304.091	2.609	ENVOL	5.731	C2	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 135 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B14	V50X60	349.773	2.609	ENVOL	5.151	C2	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	395.455	2.609	ENVOL	3.907	C2	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	441.136	2.609	ENVOL	2.609	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	486.818	5.162	ENVOL	2.609	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	532.500	8.944	ENVOL	4.406	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	30.000	9.207	ENVOL	5.920	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	78.333	8.681	ENVOL	2.931	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	126.667	5.490	ENVOL	2.931	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	175.000	2.931	ENVOL	2.931	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	223.333	2.931	ENVOL	3.438	C2	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	271.667	2.931	ENVOL	5.462	C2	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	320.000	2.931	ENVOL	7.378	C2	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	320.000	2.931	ENVOL	7.174	C2	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	362.500	2.931	ENVOL	6.181	C2	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	405.000	2.931	ENVOL	4.614	C2	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	447.500	2.931	ENVOL	3.170	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	490.000	4.564	ENVOL	2.931	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	532.500	8.314	ENVOL	4.100	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	0.000	13.756	ENVOL	8.935	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	45.714	11.048	ENVOL	4.413	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	91.429	7.752	ENVOL	4.413	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	137.143	4.413	ENVOL	4.413	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	182.857	4.413	ENVOL	5.423	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	228.571	4.413	ENVOL	6.722	C2	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	274.286	4.413	ENVOL	8.038	C2	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	320.000	4.413	ENVOL	8.769	C2	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	320.000	4.413	ENVOL	8.973	C2	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	370.000	4.413	ENVOL	7.512	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	420.000	4.413	ENVOL	6.234	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	470.000	5.002	ENVOL	4.413	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	520.000	10.839	ENVOL	5.339	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	45.000	0.000	ENVOL	2.431	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	90.000	0.000	ENVOL	4.491	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	135.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	180.000	0.000	ENVOL	5.547	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	225.000	0.000	ENVOL	6.150	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	270.000	0.000	ENVOL	6.415	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	270.000	0.000	ENVOL	6.478	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	315.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	360.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	405.000	0.000	ENVOL	4.532	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	450.000	0.000	ENVOL	3.066	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	495.000	0.000	ENVOL	1.555	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	30.000	12.323	ENVOL	9.092	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	76.000	9.521	ENVOL	7.682	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	122.000	9.177	ENVOL	6.162	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	168.000	5.865	ENVOL	4.537	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	214.000	3.941	ENVOL	3.941	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	260.000	3.941	ENVOL	3.941	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	306.000	3.941	ENVOL	3.941	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	352.000	3.941	ENVOL	5.790	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	398.000	5.223	ENVOL	8.479	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	444.000	7.594	ENVOL	9.207	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	490.000	9.207	ENVOL	10.217	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	50.000	9.565	ENVOL	6.241	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	98.333	9.207	ENVOL	3.088	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	146.667	8.498	ENVOL	3.088	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	195.000	6.618	ENVOL	3.150	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	243.333	4.896	ENVOL	3.755	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	291.667	3.326	ENVOL	4.229	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	340.000	3.088	ENVOL	4.571	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	388.333	3.088	ENVOL	4.781	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 136 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B34	V50X60	436.667	3.088	ENVOL	4.856	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	485.000	3.088	ENVOL	4.798	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	533.333	3.088	ENVOL	4.607	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	581.667	3.088	ENVOL	4.382	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	630.000	3.088	ENVOL	4.483	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	678.333	3.088	ENVOL	4.428	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	726.667	3.088	ENVOL	4.709	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	775.000	3.088	ENVOL	4.949	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	823.333	3.088	ENVOL	5.056	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	871.667	3.088	ENVOL	5.029	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	920.000	3.088	ENVOL	4.867	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	968.333	3.088	ENVOL	4.573	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	1016.667	4.514	ENVOL	4.146	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	1065.000	6.183	ENVOL	3.587	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	1113.333	8.007	ENVOL	3.088	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	1161.667	9.207	ENVOL	3.088	ENVOL	0.000	ENVOL
2DO (N+3.78)	B34	V50X60	1210.000	9.207	ENVOL	5.950	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	50.000	9.207	ENVOL	10.362	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	96.000	6.435	ENVOL	9.207	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	142.000	4.721	ENVOL	9.207	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	188.000	4.721	ENVOL	6.982	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	234.000	4.721	ENVOL	4.721	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	280.000	4.721	ENVOL	4.721	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	280.000	4.721	ENVOL	4.721	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	326.000	4.721	ENVOL	4.721	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	372.000	5.308	ENVOL	4.721	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	418.000	9.207	ENVOL	5.100	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	464.000	10.867	ENVOL	5.317	ENVOL	0.000	ENVOL
2DO (N+3.78)	B35	V50X60	510.000	14.898	ENVOL	9.207	ENVOL	0.000	ENVOL
2DO (N+3.78)	B42	V60X60	30.000	5.552	ENVOL	6.329	ENVOL	11.334	ENVOL
2DO (N+3.78)	B42	V60X60	78.000	4.156	ENVOL	4.156	ENVOL	11.334	ENVOL
2DO (N+3.78)	B42	V60X60	126.000	4.156	ENVOL	4.156	ENVOL	11.334	ENVOL
2DO (N+3.78)	B42	V60X60	174.000	4.811	ENVOL	4.156	ENVOL	11.334	ENVOL
2DO (N+3.78)	B42	V60X60	222.000	10.444	ENVOL	4.514	ENVOL	11.334	ENVOL
2DO (N+3.78)	B42	V60X60	270.000	12.925	ENVOL	8.408	ENVOL	11.334	ENVOL
2DO (N+3.78)	B44	V50X60	17.500	9.326	ENVOL	6.088	ENVOL	0.000	ENVOL
2DO (N+3.78)	B44	V50X60	59.583	8.613	ENVOL	3.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B44	V50X60	101.667	5.522	ENVOL	3.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B44	V50X60	143.750	3.117	ENVOL	3.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B44	V50X60	185.833	3.014	ENVOL	3.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B44	V50X60	227.917	3.014	ENVOL	3.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B44	V50X60	270.000	0.000	ENVOL	0.272	ENVOL	0.000	ENVOL
2DO (N+3.78)	B49	V50X60	17.500	10.626	ENVOL	6.915	ENVOL	0.000	ENVOL
2DO (N+3.78)	B49	V50X60	58.000	9.207	ENVOL	3.418	ENVOL	0.000	ENVOL
2DO (N+3.78)	B49	V50X60	98.500	7.143	ENVOL	3.418	ENVOL	0.000	ENVOL
2DO (N+3.78)	B49	V50X60	139.000	4.272	ENVOL	3.418	ENVOL	0.000	ENVOL
2DO (N+3.78)	B49	V50X60	179.500	3.418	ENVOL	3.418	ENVOL	0.000	ENVOL
2DO (N+3.78)	B49	V50X60	220.000	3.418	ENVOL	3.418	ENVOL	0.000	ENVOL
2DO (N+3.78)	B49	V50X60	220.000	3.418	ENVOL	3.418	ENVOL	0.000	ENVOL
2DO (N+3.78)	B49	V50X60	270.000	0.000	ENVOL	0.334	ENVOL	0.000	ENVOL
2DO (N+3.78)	B53	V60X60	30.000	6.853	ENVOL	5.075	ENVOL	11.334	ENVOL
2DO (N+3.78)	B53	V60X60	77.500	3.477	ENVOL	3.477	ENVOL	11.334	ENVOL
2DO (N+3.78)	B53	V60X60	125.000	3.477	ENVOL	3.477	ENVOL	11.334	ENVOL
2DO (N+3.78)	B53	V60X60	172.500	4.266	ENVOL	3.725	ENVOL	11.334	ENVOL
2DO (N+3.78)	B53	V60X60	220.000	8.101	ENVOL	6.615	ENVOL	11.334	ENVOL
2DO (N+3.78)	B53	V60X60	220.000	7.477	ENVOL	7.191	ENVOL	11.334	ENVOL
2DO (N+3.78)	B53	V60X60	270.000	11.048	ENVOL	7.652	ENVOL	11.334	ENVOL
2DO (N+3.78)	B59	V20X60	0.000	0.051	ENVOL	0.026	ENVOL	0.000	ENVOL
2DO (N+3.78)	B59	V20X60	40.000	0.016	ENVOL	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B59	V20X60	80.000	0.016	ENVOL	0.019	ENVOL	0.000	ENVOL
2DO (N+3.78)	B59	V20X60	120.000	0.063	ENVOL	0.031	ENVOL	0.000	ENVOL
2DO (N+3.78)	B61	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	5.098	C1



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 137 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B61	V20X60	46.667	0.000	ENVOL	0.226	ENVOL	5.098	C1
2DO (N+3.78)	B61	V20X60	93.333	0.000	ENVOL	0.396	ENVOL	5.098	C1
2DO (N+3.78)	B61	V20X60	140.000	0.000	ENVOL	0.509	ENVOL	5.098	C1
2DO (N+3.78)	B61	V20X60	186.667	0.000	ENVOL	0.566	ENVOL	5.098	C1
2DO (N+3.78)	B61	V20X60	233.333	0.000	ENVOL	0.566	ENVOL	5.098	C1
2DO (N+3.78)	B61	V20X60	280.000	0.000	ENVOL	0.509	ENVOL	5.098	C1
2DO (N+3.78)	B61	V20X60	326.667	0.000	ENVOL	0.396	ENVOL	5.098	C1
2DO (N+3.78)	B61	V20X60	373.333	0.000	ENVOL	0.226	ENVOL	5.098	C1
2DO (N+3.78)	B61	V20X60	420.000	0.000	ENVOL	0.000	ENVOL	5.098	C1
2DO (N+3.78)	B67	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	4.695	C1
2DO (N+3.78)	B67	V20X60	46.667	0.000	ENVOL	0.226	ENVOL	4.695	C1
2DO (N+3.78)	B67	V20X60	93.333	0.000	ENVOL	0.396	ENVOL	4.695	C1
2DO (N+3.78)	B67	V20X60	140.000	0.000	ENVOL	0.509	ENVOL	4.695	C1
2DO (N+3.78)	B67	V20X60	186.667	0.000	ENVOL	0.566	ENVOL	4.695	C1
2DO (N+3.78)	B67	V20X60	233.333	0.000	ENVOL	0.566	ENVOL	4.695	C1
2DO (N+3.78)	B67	V20X60	280.000	0.000	ENVOL	0.509	ENVOL	4.695	C1
2DO (N+3.78)	B67	V20X60	326.667	0.000	ENVOL	0.396	ENVOL	4.695	C1
2DO (N+3.78)	B67	V20X60	373.333	0.000	ENVOL	0.226	ENVOL	4.695	C1
2DO (N+3.78)	B67	V20X60	420.000	0.000	ENVOL	0.000	ENVOL	4.695	C1
2DO (N+3.78)	B70	V20X60	0.000	0.063	ENVOL	0.032	ENVOL	0.000	ENVOL
2DO (N+3.78)	B70	V20X60	40.000	0.016	ENVOL	0.019	ENVOL	0.000	ENVOL
2DO (N+3.78)	B70	V20X60	80.000	0.016	ENVOL	0.019	ENVOL	0.000	ENVOL
2DO (N+3.78)	B70	V20X60	120.000	0.046	ENVOL	0.023	ENVOL	0.000	ENVOL
2DO (N+3.78)	B73	V60X60	0.000	0.359	ENVOL	0.179	ENVOL	0.000	ENVOL
2DO (N+3.78)	B73	V60X60	45.000	0.121	ENVOL	0.098	ENVOL	0.000	ENVOL
2DO (N+3.78)	B73	V60X60	90.000	0.098	ENVOL	0.098	ENVOL	0.000	ENVOL
2DO (N+3.78)	B73	V60X60	135.000	0.121	ENVOL	0.098	ENVOL	0.000	ENVOL
2DO (N+3.78)	B73	V60X60	180.000	0.391	ENVOL	0.195	ENVOL	0.000	ENVOL
2DO (N+3.78)	B75	V60X60	0.000	0.343	ENVOL	0.172	ENVOL	0.000	ENVOL
2DO (N+3.78)	B75	V60X60	45.000	0.107	ENVOL	0.097	ENVOL	0.000	ENVOL
2DO (N+3.78)	B75	V60X60	90.000	0.097	ENVOL	0.097	ENVOL	0.000	ENVOL
2DO (N+3.78)	B75	V60X60	135.000	0.112	ENVOL	0.097	ENVOL	0.000	ENVOL
2DO (N+3.78)	B75	V60X60	180.000	0.389	ENVOL	0.194	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	0.000	13.191	ENVOL	8.577	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	50.000	11.048	ENVOL	4.474	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	100.000	9.584	ENVOL	4.474	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	150.000	6.270	ENVOL	4.474	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	200.000	4.474	ENVOL	4.474	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	250.000	4.474	ENVOL	4.620	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	300.000	4.474	ENVOL	5.678	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	350.000	4.474	ENVOL	6.371	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	400.000	4.474	ENVOL	6.695	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	450.000	4.474	ENVOL	7.028	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	500.000	4.474	ENVOL	7.195	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	550.000	4.474	ENVOL	6.928	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	600.000	4.474	ENVOL	6.357	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	650.000	4.474	ENVOL	5.927	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	700.000	4.474	ENVOL	5.128	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	750.000	4.474	ENVOL	4.474	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	800.000	4.474	ENVOL	4.474	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	850.000	6.902	ENVOL	4.474	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	900.000	10.337	ENVOL	4.474	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	950.000	11.048	ENVOL	4.474	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	1000.000	13.956	ENVOL	9.060	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	0.000	13.727	ENVOL	8.916	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	50.000	11.048	ENVOL	4.495	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	100.000	10.139	ENVOL	4.495	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	150.000	6.753	ENVOL	4.495	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	200.000	4.495	ENVOL	4.495	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	250.000	4.495	ENVOL	4.635	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	300.000	4.495	ENVOL	5.687	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	350.000	4.495	ENVOL	6.373	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	400.000	4.495	ENVOL	6.690	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 138 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B188	V60X60	450.000	4.495	ENVOL	6.973	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	500.000	4.495	ENVOL	7.167	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	550.000	4.495	ENVOL	6.925	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	600.000	4.495	ENVOL	6.437	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	650.000	4.495	ENVOL	6.069	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	700.000	4.495	ENVOL	5.332	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	750.000	4.495	ENVOL	4.495	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	800.000	4.495	ENVOL	4.495	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	850.000	6.968	ENVOL	4.495	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	900.000	10.411	ENVOL	4.495	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	950.000	11.048	ENVOL	4.495	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	1000.000	14.025	ENVOL	9.104	ENVOL	0.000	ENVOL
2DO (N+3.78)	B270	V60X60	0.000	0.403	ENVOL	0.201	ENVOL	0.000	ENVOL
2DO (N+3.78)	B270	V60X60	45.000	0.109	ENVOL	0.101	ENVOL	0.000	ENVOL
2DO (N+3.78)	B270	V60X60	90.000	0.101	ENVOL	0.101	ENVOL	0.000	ENVOL
2DO (N+3.78)	B270	V60X60	135.000	0.123	ENVOL	0.101	ENVOL	0.000	ENVOL
2DO (N+3.78)	B270	V60X60	180.000	0.352	ENVOL	0.176	ENVOL	0.000	ENVOL
2DO (N+3.78)	B272	V60X60	0.000	0.386	ENVOL	0.193	ENVOL	0.000	ENVOL
2DO (N+3.78)	B272	V60X60	45.000	0.100	ENVOL	0.096	ENVOL	0.000	ENVOL
2DO (N+3.78)	B272	V60X60	90.000	0.096	ENVOL	0.096	ENVOL	0.000	ENVOL
2DO (N+3.78)	B272	V60X60	135.000	0.136	ENVOL	0.096	ENVOL	0.000	ENVOL
2DO (N+3.78)	B272	V60X60	180.000	0.372	ENVOL	0.186	ENVOL	0.000	ENVOL
2DO (N+3.78)	B274	V60X60	0.000	0.107	ENVOL	0.053	ENVOL	0.000	ENVOL
2DO (N+3.78)	B274	V60X60	40.000	0.070	ENVOL	0.084	ENVOL	0.000	ENVOL
2DO (N+3.78)	B274	V60X60	80.000	0.114	ENVOL	0.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B274	V60X60	120.000	0.280	ENVOL	0.140	ENVOL	0.000	ENVOL
2DO (N+3.78)	B276	V60X60	0.000	15.508	ENVOL	11.048	ENVOL	0.000	ENVOL
2DO (N+3.78)	B276	V60X60	46.000	11.048	ENVOL	9.034	ENVOL	0.000	ENVOL
2DO (N+3.78)	B276	V60X60	92.000	7.039	ENVOL	4.996	ENVOL	0.000	ENVOL
2DO (N+3.78)	B276	V60X60	138.000	4.949	ENVOL	4.949	ENVOL	0.000	ENVOL
2DO (N+3.78)	B276	V60X60	184.000	4.949	ENVOL	5.232	ENVOL	0.000	ENVOL
2DO (N+3.78)	B276	V60X60	230.000	7.736	ENVOL	11.048	ENVOL	0.000	ENVOL
2DO (N+3.78)	B286	V60X60	60.000	7.506	ENVOL	11.048	ENVOL	0.000	ENVOL
2DO (N+3.78)	B286	V60X60	106.000	4.889	ENVOL	5.137	ENVOL	0.000	ENVOL
2DO (N+3.78)	B286	V60X60	152.000	4.889	ENVOL	4.889	ENVOL	0.000	ENVOL
2DO (N+3.78)	B286	V60X60	198.000	6.965	ENVOL	4.889	ENVOL	0.000	ENVOL
2DO (N+3.78)	B286	V60X60	244.000	11.048	ENVOL	8.744	ENVOL	0.000	ENVOL
2DO (N+3.78)	B286	V60X60	290.000	15.311	ENVOL	11.048	ENVOL	0.000	ENVOL
2DO (N+3.78)	B288	V60X60	0.000	0.286	ENVOL	0.143	ENVOL	0.000	ENVOL
2DO (N+3.78)	B288	V60X60	40.000	0.114	ENVOL	0.111	ENVOL	0.000	ENVOL
2DO (N+3.78)	B288	V60X60	80.000	0.071	ENVOL	0.083	ENVOL	0.000	ENVOL
2DO (N+3.78)	B288	V60X60	120.000	0.096	ENVOL	0.048	ENVOL	0.000	ENVOL
2DO (N+3.78)	B296	V60X60	0.000	13.871	ENVOL	11.048	ENVOL	0.000	ENVOL
2DO (N+3.78)	B296	V60X60	48.000	11.048	ENVOL	10.858	ENVOL	0.000	ENVOL
2DO (N+3.78)	B296	V60X60	96.000	6.654	ENVOL	8.705	ENVOL	0.000	ENVOL
2DO (N+3.78)	B296	V60X60	144.000	4.448	ENVOL	5.818	ENVOL	0.000	ENVOL
2DO (N+3.78)	B296	V60X60	192.000	4.448	ENVOL	4.448	ENVOL	0.000	ENVOL
2DO (N+3.78)	B296	V60X60	240.000	4.448	ENVOL	4.585	ENVOL	0.000	ENVOL
2DO (N+3.78)	B296	V60X60	240.000	4.448	ENVOL	4.585	ENVOL	0.000	ENVOL
2DO (N+3.78)	B296	V60X60	273.753	5.490	ENVOL	6.289	ENVOL	0.000	ENVOL
2DO (N+3.78)	B296	V60X60	307.507	9.396	ENVOL	7.645	ENVOL	0.000	ENVOL
2DO (N+3.78)	B296	V60X60	341.260	11.048	ENVOL	8.654	ENVOL	0.000	ENVOL
2DO (N+3.78)	B297	V60X60	0.000	14.695	ENVOL	11.048	ENVOL	0.000	ENVOL
2DO (N+3.78)	B297	V60X60	48.000	11.048	ENVOL	10.171	ENVOL	0.000	ENVOL
2DO (N+3.78)	B297	V60X60	96.000	7.155	ENVOL	8.252	ENVOL	0.000	ENVOL
2DO (N+3.78)	B297	V60X60	144.000	4.701	ENVOL	5.595	ENVOL	0.000	ENVOL
2DO (N+3.78)	B297	V60X60	192.000	4.701	ENVOL	4.701	ENVOL	0.000	ENVOL
2DO (N+3.78)	B297	V60X60	240.000	4.701	ENVOL	4.866	ENVOL	0.000	ENVOL
2DO (N+3.78)	B297	V60X60	240.000	4.701	ENVOL	4.866	ENVOL	0.000	ENVOL
2DO (N+3.78)	B297	V60X60	273.753	5.113	ENVOL	6.756	ENVOL	0.000	ENVOL
2DO (N+3.78)	B297	V60X60	307.507	8.851	ENVOL	8.301	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 139 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B297	V60X60	341.260	11.048	ENVOL	9.501	ENVOL	0.000	ENVOL
2DO (N+3.78)	B306	V40X60	0.000	0.758	ENVOL	0.378	ENVOL	7.736	C14
2DO (N+3.78)	B306	V40X60	41.727	0.192	ENVOL	0.310	C2	7.736	C14
2DO (N+3.78)	B306	V40X60	83.455	0.192	ENVOL	0.564	C2	7.736	C14
2DO (N+3.78)	B306	V40X60	125.182	0.192	ENVOL	0.318	C2	7.736	C14
2DO (N+3.78)	B306	V40X60	166.909	0.770	ENVOL	0.384	ENVOL	7.736	C14
2DO (N+3.78)	B307	V40X60	0.000	0.805	ENVOL	0.402	ENVOL	8.226	ENVOL
2DO (N+3.78)	B307	V40X60	44.364	0.220	ENVOL	0.432	ENVOL	8.226	ENVOL
2DO (N+3.78)	B307	V40X60	88.727	0.201	ENVOL	0.410	ENVOL	8.226	ENVOL
2DO (N+3.78)	B307	V40X60	133.091	0.648	ENVOL	0.324	ENVOL	8.226	ENVOL
2DO (N+3.78)	B308	V40X60	0.000	8.259	ENVOL	7.365	ENVOL	8.226	ENVOL
2DO (N+3.78)	B308	V40X60	41.057	7.323	ENVOL	7.080	ENVOL	8.226	ENVOL
2DO (N+3.78)	B308	V40X60	82.114	4.125	ENVOL	4.765	ENVOL	8.226	ENVOL
2DO (N+3.78)	B308	V40X60	123.171	2.660	ENVOL	2.660	ENVOL	8.226	ENVOL
2DO (N+3.78)	B308	V40X60	164.227	2.660	ENVOL	2.660	ENVOL	8.226	ENVOL
2DO (N+3.78)	B308	V40X60	205.284	3.489	ENVOL	3.717	ENVOL	8.226	ENVOL
2DO (N+3.78)	B309	V40X60	0.000	3.450	ENVOL	3.766	ENVOL	8.226	ENVOL
2DO (N+3.78)	B309	V40X60	41.057	2.719	ENVOL	2.719	ENVOL	8.226	ENVOL
2DO (N+3.78)	B309	V40X60	82.114	2.719	ENVOL	2.719	ENVOL	8.226	ENVOL
2DO (N+3.78)	B309	V40X60	123.171	4.260	ENVOL	4.676	ENVOL	8.226	ENVOL
2DO (N+3.78)	B309	V40X60	164.228	7.365	ENVOL	6.936	ENVOL	8.226	ENVOL
2DO (N+3.78)	B309	V40X60	205.285	8.450	ENVOL	7.365	ENVOL	8.226	ENVOL
2DO (N+3.78)	B311	V40X60	0.000	0.661	ENVOL	0.330	ENVOL	8.226	ENVOL
2DO (N+3.78)	B311	V40X60	44.363	0.204	ENVOL	0.402	ENVOL	8.226	ENVOL
2DO (N+3.78)	B311	V40X60	88.727	0.233	ENVOL	0.418	ENVOL	8.226	ENVOL
2DO (N+3.78)	B311	V40X60	133.090	0.818	ENVOL	0.408	ENVOL	8.226	ENVOL
2DO (N+3.78)	B312	V40X60	0.000	0.797	ENVOL	0.398	ENVOL	7.832	C14
2DO (N+3.78)	B312	V40X60	41.728	0.199	ENVOL	0.310	C2	7.832	C14
2DO (N+3.78)	B312	V40X60	83.455	0.199	ENVOL	0.562	C2	7.832	C14
2DO (N+3.78)	B312	V40X60	125.183	0.199	ENVOL	0.314	C2	7.832	C14
2DO (N+3.78)	B312	V40X60	166.910	0.757	ENVOL	0.378	ENVOL	7.832	C14
2DO (N+3.78)	B322	V20X60	0.000	1.035	ENVOL	0.516	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	46.364	0.706	ENVOL	0.272	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	92.727	0.427	ENVOL	0.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	139.091	0.257	ENVOL	0.410	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	185.454	0.257	ENVOL	0.407	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	231.818	0.257	ENVOL	0.358	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	278.182	0.257	ENVOL	0.282	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	324.545	0.257	ENVOL	0.259	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	370.909	0.257	ENVOL	0.257	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	417.273	0.333	ENVOL	0.257	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	463.636	0.624	ENVOL	0.257	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	510.000	0.964	ENVOL	0.481	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	0.000	2.410	ENVOL	1.196	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	46.092	1.350	ENVOL	0.596	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	92.185	0.596	ENVOL	0.596	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	138.277	0.596	ENVOL	0.862	C2	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	184.370	0.596	ENVOL	1.203	C2	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	230.462	0.596	ENVOL	1.363	C2	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	276.555	0.596	ENVOL	1.358	C2	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	322.647	0.596	ENVOL	1.204	C2	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	368.739	0.596	ENVOL	0.918	C2	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	414.832	0.596	ENVOL	0.596	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	460.924	0.857	ENVOL	0.596	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	507.017	1.496	ENVOL	0.596	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	553.109	2.206	ENVOL	1.095	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	0.000	2.199	ENVOL	1.092	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	46.092	1.490	ENVOL	0.594	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	92.185	0.851	ENVOL	0.594	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	138.277	0.594	ENVOL	0.594	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 140 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B324	V20X60	184.370	0.594	ENVOL	0.922	C2	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	230.462	0.594	ENVOL	1.207	C2	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	276.555	0.594	ENVOL	1.360	C2	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	322.647	0.594	ENVOL	1.365	C2	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	368.740	0.594	ENVOL	1.205	C2	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	414.832	0.594	ENVOL	0.863	C2	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	460.925	0.594	ENVOL	0.594	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	507.017	1.345	ENVOL	0.594	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	553.110	2.402	ENVOL	1.192	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	0.000	1.144	ENVOL	0.570	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	46.364	0.798	ENVOL	0.285	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	92.727	0.502	ENVOL	0.337	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	139.091	0.285	ENVOL	0.389	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	185.455	0.285	ENVOL	0.393	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	231.818	0.285	ENVOL	0.352	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	278.182	0.285	ENVOL	0.285	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	324.545	0.285	ENVOL	0.285	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	370.909	0.285	ENVOL	0.285	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	417.273	0.309	ENVOL	0.285	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	463.636	0.593	ENVOL	0.285	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	510.000	0.926	ENVOL	0.462	ENVOL	0.000	ENVOL
2DO (N+3.78)	B339	V20X60	0.000	2.786	ENVOL	1.381	ENVOL	0.000	ENVOL
2DO (N+3.78)	B339	V20X60	48.534	0.759	ENVOL	0.688	ENVOL	0.000	ENVOL
2DO (N+3.78)	B339	V20X60	97.068	0.688	ENVOL	1.701	C2	0.000	ENVOL
2DO (N+3.78)	B339	V20X60	145.602	0.688	ENVOL	2.135	C2	0.000	ENVOL
2DO (N+3.78)	B339	V20X60	194.137	0.688	ENVOL	1.742	C2	0.000	ENVOL
2DO (N+3.78)	B339	V20X60	242.671	0.688	ENVOL	0.688	ENVOL	0.000	ENVOL
2DO (N+3.78)	B339	V20X60	291.205	2.654	ENVOL	1.316	ENVOL	0.000	ENVOL
2DO (N+3.78)	B340	V20X60	0.000	2.635	ENVOL	1.307	ENVOL	0.000	ENVOL
2DO (N+3.78)	B340	V20X60	48.534	0.696	ENVOL	0.696	ENVOL	0.000	ENVOL
2DO (N+3.78)	B340	V20X60	97.068	0.696	ENVOL	1.744	C2	0.000	ENVOL
2DO (N+3.78)	B340	V20X60	145.603	0.696	ENVOL	2.128	C2	0.000	ENVOL
2DO (N+3.78)	B340	V20X60	194.137	0.696	ENVOL	1.684	C2	0.000	ENVOL
2DO (N+3.78)	B340	V20X60	242.671	0.785	ENVOL	0.696	ENVOL	0.000	ENVOL
2DO (N+3.78)	B340	V20X60	291.205	2.821	ENVOL	1.398	ENVOL	0.000	ENVOL
2DO (N+3.78)	B348	V20X60	0.000	0.577	ENVOL	0.446	ENVOL	0.000	ENVOL
2DO (N+3.78)	B348	V20X60	50.000	0.605	ENVOL	0.512	ENVOL	0.000	ENVOL
2DO (N+3.78)	B348	V20X60	100.000	0.689	ENVOL	0.524	ENVOL	0.000	ENVOL
2DO (N+3.78)	B350	V20X60	0.000	0.534	ENVOL	0.540	ENVOL	0.000	ENVOL
2DO (N+3.78)	B350	V20X60	50.000	0.559	ENVOL	0.616	ENVOL	0.000	ENVOL
2DO (N+3.78)	B350	V20X60	100.000	0.641	ENVOL	0.637	ENVOL	0.000	ENVOL
2DO (N+3.78)	B351	V60X60	0.000	5.056	ENVOL	2.511	ENVOL	0.000	ENVOL
2DO (N+3.78)	B351	V60X60	40.369	2.696	ENVOL	1.251	ENVOL	0.000	ENVOL
2DO (N+3.78)	B351	V60X60	80.737	0.475	ENVOL	0.237	ENVOL	0.000	ENVOL
2DO (N+3.78)	B352	V60X60	0.000	0.511	ENVOL	0.255	ENVOL	0.000	ENVOL
2DO (N+3.78)	B352	V60X60	31.812	2.086	ENVOL	1.040	ENVOL	0.000	ENVOL
2DO (N+3.78)	B353	V20X60	0.000	0.788	ENVOL	0.393	ENVOL	0.000	ENVOL
2DO (N+3.78)	B353	V20X60	42.884	0.432	ENVOL	0.287	ENVOL	0.000	ENVOL
2DO (N+3.78)	B353	V20X60	85.767	0.196	ENVOL	0.226	ENVOL	0.000	ENVOL
2DO (N+3.78)	B353	V20X60	128.651	0.196	ENVOL	0.196	ENVOL	0.000	ENVOL
2DO (N+3.78)	B353	V20X60	171.535	0.196	ENVOL	0.196	ENVOL	0.000	ENVOL
2DO (N+3.78)	B353	V20X60	214.418	0.404	ENVOL	0.223	ENVOL	0.000	ENVOL
2DO (N+3.78)	B354	V20X60	0.000	0.365	ENVOL	0.243	ENVOL	0.000	ENVOL
2DO (N+3.78)	B354	V20X60	42.884	0.200	ENVOL	0.200	ENVOL	0.000	ENVOL
2DO (N+3.78)	B354	V20X60	85.767	0.200	ENVOL	0.200	ENVOL	0.000	ENVOL
2DO (N+3.78)	B354	V20X60	128.651	0.200	ENVOL	0.223	ENVOL	0.000	ENVOL
2DO (N+3.78)	B354	V20X60	171.535	0.439	ENVOL	0.270	ENVOL	0.000	ENVOL
2DO (N+3.78)	B354	V20X60	214.418	0.802	ENVOL	0.400	ENVOL	0.000	ENVOL
2DO (N+3.78)	B357	V60X60	0.000	0.664	ENVOL	0.332	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 141 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B357	V60X60	46.000	0.213	ENVOL	0.213	ENVOL	0.000	ENVOL
2DO (N+3.78)	B357	V60X60	92.000	0.213	ENVOL	0.437	C2	0.000	ENVOL
2DO (N+3.78)	B357	V60X60	138.000	0.213	ENVOL	0.455	C2	0.000	ENVOL
2DO (N+3.78)	B357	V60X60	184.000	0.213	ENVOL	0.213	ENVOL	0.000	ENVOL
2DO (N+3.78)	B357	V60X60	230.000	0.855	ENVOL	0.427	ENVOL	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	0.000	0.822	ENVOL	0.411	ENVOL	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	46.000	0.205	ENVOL	0.205	ENVOL	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	92.000	0.205	ENVOL	0.456	C2	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	138.000	0.205	ENVOL	0.425	C2	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	184.000	0.205	ENVOL	0.205	ENVOL	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	230.000	0.699	ENVOL	0.349	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.420	C1
2DO (N+3.78)	B402	V30X60	8.042	2.816	ENVOL	2.816	ENVOL	6.420	C1
2DO (N+3.78)	B402	V30X60	8.042	2.816	ENVOL	2.816	ENVOL	6.420	C1
2DO (N+3.78)	B402	V30X60	55.689	2.816	ENVOL	2.816	ENVOL	6.420	C1
2DO (N+3.78)	B402	V30X60	103.336	2.816	ENVOL	4.893	C2	6.420	C1
2DO (N+3.78)	B402	V30X60	150.984	2.816	ENVOL	5.524	ENVOL	6.420	C1
2DO (N+3.78)	B402	V30X60	198.631	2.816	ENVOL	6.084	C2	6.420	C1
2DO (N+3.78)	B402	V30X60	246.278	2.816	ENVOL	6.890	C2	6.420	C1
2DO (N+3.78)	B402	V30X60	293.925	2.816	ENVOL	7.408	C2	6.420	C1
2DO (N+3.78)	B402	V30X60	341.572	2.816	ENVOL	7.626	C2	6.420	C1
2DO (N+3.78)	B402	V30X60	389.219	2.816	ENVOL	7.535	C2	6.420	C1
2DO (N+3.78)	B402	V30X60	436.866	2.816	ENVOL	7.131	C2	6.420	C1
2DO (N+3.78)	B402	V30X60	484.513	2.816	ENVOL	6.415	C2	6.420	C1
2DO (N+3.78)	B402	V30X60	532.160	2.816	ENVOL	5.524	ENVOL	6.420	C1
2DO (N+3.78)	B402	V30X60	579.807	2.816	ENVOL	5.435	C2	6.420	C1
2DO (N+3.78)	B402	V30X60	627.454	2.816	ENVOL	3.299	C2	6.420	C1
2DO (N+3.78)	B402	V30X60	675.101	2.816	ENVOL	2.816	ENVOL	6.420	C1
2DO (N+3.78)	B402	V30X60	722.748	3.687	ENVOL	2.816	ENVOL	6.420	C1
2DO (N+3.78)	B402	V30X60	770.395	5.570	ENVOL	2.816	ENVOL	6.420	C1
2DO (N+3.78)	B402	V30X60	818.043	8.884	ENVOL	5.524	ENVOL	6.420	C1
2DO (N+3.78)	B403	V30X60	0.000	7.370	ENVOL	4.777	ENVOL	6.302	C1
2DO (N+3.78)	B403	V30X60	49.905	5.524	ENVOL	2.357	ENVOL	6.302	C1
2DO (N+3.78)	B403	V30X60	99.811	2.357	ENVOL	2.357	ENVOL	6.302	C1
2DO (N+3.78)	B403	V30X60	149.716	2.357	ENVOL	2.357	ENVOL	6.302	C1
2DO (N+3.78)	B403	V30X60	199.622	2.357	ENVOL	3.878	C2	6.302	C1
2DO (N+3.78)	B403	V30X60	249.527	2.357	ENVOL	5.524	C2	6.302	C1
2DO (N+3.78)	B403	V30X60	299.433	2.357	ENVOL	5.524	ENVOL	6.302	C1
2DO (N+3.78)	B403	V30X60	349.338	2.357	ENVOL	6.236	C2	6.302	C1
2DO (N+3.78)	B403	V30X60	399.244	2.357	ENVOL	6.710	C2	6.302	C1
2DO (N+3.78)	B403	V30X60	449.149	2.357	ENVOL	6.864	C2	6.302	C1
2DO (N+3.78)	B403	V30X60	499.055	2.357	ENVOL	6.705	C2	6.302	C1
2DO (N+3.78)	B403	V30X60	548.960	2.357	ENVOL	6.242	C2	6.302	C1
2DO (N+3.78)	B403	V30X60	598.866	2.357	ENVOL	5.524	ENVOL	6.302	C1
2DO (N+3.78)	B403	V30X60	648.771	2.357	ENVOL	5.524	ENVOL	6.302	C1
2DO (N+3.78)	B403	V30X60	698.677	2.357	ENVOL	4.352	ENVOL	6.302	C1
2DO (N+3.78)	B403	V30X60	748.582	2.357	ENVOL	2.357	ENVOL	6.302	C1
2DO (N+3.78)	B403	V30X60	798.488	0.000	C14	0.000	ENVOL	6.302	C1
2DO (N+3.78)	B404	V40X60	0.000	9.621	ENVOL	6.240	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	49.320	7.365	ENVOL	3.080	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	98.639	6.036	ENVOL	3.080	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	147.959	3.270	ENVOL	3.080	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	197.279	3.080	ENVOL	3.426	C2	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	246.598	3.080	ENVOL	5.051	C2	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	295.918	3.080	ENVOL	6.281	C2	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	345.238	3.080	ENVOL	7.101	C2	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	394.557	3.080	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	443.877	3.080	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	493.197	3.080	ENVOL	7.001	C2	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	542.517	3.080	ENVOL	6.105	C2	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	591.836	3.080	ENVOL	4.784	C2	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	641.156	3.080	ENVOL	3.080	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	690.476	3.482	ENVOL	3.080	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	739.795	6.348	ENVOL	3.080	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	789.115	7.365	ENVOL	4.763	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 142 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B405	V40X60	0.000	7.430	ENVOL	4.851	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	49.320	6.442	ENVOL	3.362	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	98.639	3.496	ENVOL	3.362	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	147.959	3.362	ENVOL	3.362	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	197.279	3.362	ENVOL	5.128	C2	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	246.598	3.362	ENVOL	6.514	C2	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	295.918	3.362	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	345.238	3.362	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	394.557	3.362	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	443.877	3.362	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	493.197	3.362	ENVOL	6.681	C2	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	542.517	3.362	ENVOL	5.361	C2	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	591.836	3.362	ENVOL	3.611	C2	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	641.156	3.613	ENVOL	3.362	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	690.476	6.613	ENVOL	3.362	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	739.795	7.585	ENVOL	3.362	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	789.115	10.545	ENVOL	6.820	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	0.000	9.728	ENVOL	6.344	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	49.104	9.207	ENVOL	3.139	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	98.208	6.421	ENVOL	3.139	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	147.311	3.762	ENVOL	3.225	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	196.415	3.139	ENVOL	3.776	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	245.519	3.139	ENVOL	4.002	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	294.623	3.139	ENVOL	4.817	C2	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	343.726	3.139	ENVOL	5.307	C2	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	392.830	3.139	ENVOL	5.475	C2	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	441.934	3.139	ENVOL	5.326	C2	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	491.038	3.139	ENVOL	5.641	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	491.038	3.139	ENVOL	5.216	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	539.788	3.139	ENVOL	4.044	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	588.538	5.352	ENVOL	3.139	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	637.288	8.734	ENVOL	3.139	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	686.038	9.359	ENVOL	6.109	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	0.000	10.530	ENVOL	6.854	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	49.104	9.207	ENVOL	3.389	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	98.208	7.142	ENVOL	3.389	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	147.311	4.324	ENVOL	3.389	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	196.415	3.389	ENVOL	3.536	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	245.519	3.389	ENVOL	3.836	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	294.623	3.389	ENVOL	4.729	C2	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	343.726	3.389	ENVOL	5.310	C2	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	392.830	3.389	ENVOL	5.570	C2	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	441.934	3.389	ENVOL	5.521	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	491.038	3.389	ENVOL	6.114	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	491.038	3.389	ENVOL	5.651	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	539.788	3.389	ENVOL	4.612	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	588.538	5.037	ENVOL	3.389	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	637.288	8.345	ENVOL	3.389	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	686.038	9.207	ENVOL	5.884	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	46.530	2.550	ENVOL	2.550	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	93.061	2.550	ENVOL	2.550	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	139.591	2.550	ENVOL	2.931	C2	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	186.122	2.550	ENVOL	3.314	C2	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	232.652	2.550	ENVOL	3.394	C2	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	279.182	2.550	ENVOL	3.170	C2	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	325.713	2.550	ENVOL	2.643	C2	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	372.243	2.550	ENVOL	2.550	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	418.774	2.550	ENVOL	2.550	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	465.304	3.263	ENVOL	2.550	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	511.834	5.203	ENVOL	2.550	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	558.365	7.365	ENVOL	2.550	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	604.895	7.907	ENVOL	5.155	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	0.000	9.149	ENVOL	5.943	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 143 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B420	V40X60	49.886	7.365	ENVOL	2.956	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	99.771	5.147	ENVOL	2.956	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	149.657	2.956	ENVOL	2.956	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	199.543	2.956	ENVOL	3.878	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	249.428	2.956	ENVOL	5.999	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	299.314	2.956	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	349.200	2.956	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	399.085	2.956	ENVOL	7.764	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	448.971	2.956	ENVOL	8.319	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	498.857	2.956	ENVOL	8.596	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	548.742	2.956	ENVOL	8.592	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	598.628	2.956	ENVOL	8.308	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	648.514	2.956	ENVOL	7.747	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	698.399	2.956	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	748.285	2.956	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	798.171	2.956	ENVOL	5.949	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	848.056	2.956	ENVOL	3.820	C2	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	897.942	2.956	ENVOL	2.956	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	947.828	5.217	ENVOL	2.956	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	997.714	7.365	ENVOL	2.956	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	1047.599	9.217	ENVOL	5.985	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	0.000	7.808	ENVOL	5.092	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	46.530	7.365	ENVOL	2.519	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	93.061	5.124	ENVOL	2.519	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	139.591	3.191	ENVOL	2.519	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	186.122	2.519	ENVOL	2.519	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	232.652	2.519	ENVOL	2.519	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	279.182	2.519	ENVOL	2.692	C2	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	325.713	2.519	ENVOL	3.211	C2	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	372.243	2.519	ENVOL	3.428	C2	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	418.773	2.519	ENVOL	3.342	C2	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	465.304	2.519	ENVOL	2.951	C2	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	511.834	2.519	ENVOL	2.519	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	558.365	2.519	ENVOL	2.519	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	604.895	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B430	V60X60	0.000	23.804	ENVOL	11.351	ENVOL	11.334	C2
2DO (N+3.78)	B430	V60X60	49.563	17.150	ENVOL	7.408	ENVOL	11.334	C2
2DO (N+3.78)	B430	V60X60	99.126	11.048	ENVOL	7.408	ENVOL	11.334	C2
2DO (N+3.78)	B430	V60X60	148.689	7.408	ENVOL	7.408	ENVOL	11.334	C2
2DO (N+3.78)	B430	V60X60	198.253	0.000	ENVOL	0.000	ENVOL	11.334	C2
2DO (N+3.78)	B431	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	11.334	C2
2DO (N+3.78)	B431	V60X60	49.563	7.406	ENVOL	7.406	ENVOL	11.334	C2
2DO (N+3.78)	B431	V60X60	99.126	11.048	ENVOL	7.406	ENVOL	11.334	C2
2DO (N+3.78)	B431	V60X60	148.689	17.144	ENVOL	7.406	ENVOL	11.334	C2
2DO (N+3.78)	B431	V60X60	198.252	23.796	ENVOL	11.348	ENVOL	11.334	C2
2DO (N+3.78)	B434	V40X60	0.000	0.327	ENVOL	0.163	ENVOL	8.019	C1
2DO (N+3.78)	B434	V40X60	38.769	0.218	ENVOL	0.082	ENVOL	8.019	C1
2DO (N+3.78)	B434	V40X60	77.537	0.177	ENVOL	0.082	ENVOL	8.019	C1
2DO (N+3.78)	B434	V40X60	116.306	0.203	ENVOL	0.102	ENVOL	8.019	C1
2DO (N+3.78)	B436	V40X60	0.000	0.479	ENVOL	0.239	ENVOL	8.226	ENVOL
2DO (N+3.78)	B436	V40X60	38.424	0.152	ENVOL	0.120	ENVOL	8.226	ENVOL
2DO (N+3.78)	B436	V40X60	76.847	0.120	ENVOL	0.150	C2	8.226	ENVOL
2DO (N+3.78)	B436	V40X60	115.271	0.120	ENVOL	0.120	ENVOL	8.226	ENVOL
2DO (N+3.78)	B436	V40X60	153.694	0.328	ENVOL	0.164	ENVOL	8.226	ENVOL
2DO (N+3.78)	B437	V40X60	0.000	10.282	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B437	V40X60	46.160	7.365	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B437	V40X60	92.319	5.554	ENVOL	6.799	ENVOL	0.000	ENVOL
2DO (N+3.78)	B437	V40X60	138.479	4.463	ENVOL	5.143	ENVOL	0.000	ENVOL
2DO (N+3.78)	B437	V40X60	184.639	4.463	ENVOL	4.463	ENVOL	0.000	ENVOL
2DO (N+3.78)	B437	V40X60	230.798	4.463	ENVOL	4.463	ENVOL	0.000	ENVOL
2DO (N+3.78)	B437	V40X60	276.958	4.463	ENVOL	4.463	ENVOL	0.000	ENVOL
2DO (N+3.78)	B437	V40X60	323.117	7.365	ENVOL	4.463	ENVOL	0.000	ENVOL
2DO (N+3.78)	B437	V40X60	369.277	9.730	ENVOL	4.463	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 144 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B437	V40X60	415.437	14.232	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	0.000	31.446	ENVOL	14.379	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	48.658	22.409	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	97.315	14.654	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	145.973	8.601	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	194.631	7.365	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	243.288	7.365	ENVOL	10.161	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	291.946	7.365	ENVOL	13.994	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	340.604	7.365	ENVOL	17.334	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	389.261	7.365	ENVOL	20.113	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	437.919	7.365	ENVOL	22.265	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	486.577	7.365	ENVOL	23.733	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	535.234	7.365	ENVOL	24.472	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	583.892	7.365	ENVOL	24.460	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	632.550	7.365	ENVOL	23.697	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	681.207	7.365	ENVOL	22.207	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	729.865	7.365	ENVOL	20.034	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	778.523	7.365	ENVOL	17.236	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	827.180	7.365	ENVOL	13.880	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	875.838	7.365	ENVOL	10.032	C2	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	924.496	7.365	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	973.153	8.774	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	1021.811	14.868	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	1070.469	22.671	C2	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	1119.126	31.686	ENVOL	14.508	ENVOL	0.000	ENVOL
2DO (N+3.78)	B443	V40X60	0.000	13.239	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B443	V40X60	46.160	9.008	ENVOL	4.170	ENVOL	0.000	ENVOL
2DO (N+3.78)	B443	V40X60	92.319	7.179	ENVOL	4.170	ENVOL	0.000	ENVOL
2DO (N+3.78)	B443	V40X60	138.479	4.170	ENVOL	4.170	ENVOL	0.000	ENVOL
2DO (N+3.78)	B443	V40X60	184.639	4.170	ENVOL	4.170	ENVOL	0.000	ENVOL
2DO (N+3.78)	B443	V40X60	230.798	4.170	ENVOL	4.170	ENVOL	0.000	ENVOL
2DO (N+3.78)	B443	V40X60	276.958	4.170	ENVOL	4.671	ENVOL	0.000	ENVOL
2DO (N+3.78)	B443	V40X60	323.118	6.394	ENVOL	6.043	ENVOL	0.000	ENVOL
2DO (N+3.78)	B443	V40X60	369.277	7.807	ENVOL	6.762	ENVOL	0.000	ENVOL
2DO (N+3.78)	B443	V40X60	415.437	11.464	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B444	V40X60	0.000	0.343	ENVOL	0.172	ENVOL	8.226	ENVOL
2DO (N+3.78)	B444	V40X60	38.424	0.115	ENVOL	0.115	ENVOL	8.226	ENVOL
2DO (N+3.78)	B444	V40X60	76.848	0.115	ENVOL	0.150	C2	8.226	ENVOL
2DO (N+3.78)	B444	V40X60	115.271	0.143	ENVOL	0.115	ENVOL	8.226	ENVOL
2DO (N+3.78)	B444	V40X60	153.695	0.462	ENVOL	0.231	ENVOL	8.226	ENVOL
2DO (N+3.78)	B446	V40X60	0.000	0.185	ENVOL	0.093	ENVOL	8.226	C1
2DO (N+3.78)	B446	V40X60	38.768	0.166	ENVOL	0.083	ENVOL	8.226	C1
2DO (N+3.78)	B446	V40X60	77.537	0.214	ENVOL	0.083	ENVOL	8.226	C1
2DO (N+3.78)	B446	V40X60	116.305	0.330	ENVOL	0.165	ENVOL	8.226	C1
2DO (N+3.78)	B449	V60X60	0.000	0.814	ENVOL	0.407	ENVOL	11.577	ENVOL
2DO (N+3.78)	B449	V60X60	38.827	0.478	ENVOL	0.203	ENVOL	11.577	ENVOL
2DO (N+3.78)	B449	V60X60	77.654	0.290	ENVOL	0.203	ENVOL	11.577	ENVOL
2DO (N+3.78)	B449	V60X60	116.481	0.287	ENVOL	0.203	ENVOL	11.577	ENVOL
2DO (N+3.78)	B449	V60X60	155.308	0.481	ENVOL	0.241	ENVOL	11.577	ENVOL
2DO (N+3.78)	B450	V60X60	0.000	0.488	ENVOL	0.244	ENVOL	12.328	ENVOL
2DO (N+3.78)	B450	V60X60	38.827	0.289	ENVOL	0.183	ENVOL	12.328	ENVOL
2DO (N+3.78)	B450	V60X60	77.654	0.267	ENVOL	0.183	ENVOL	12.328	ENVOL
2DO (N+3.78)	B450	V60X60	116.481	0.427	ENVOL	0.183	ENVOL	12.328	ENVOL
2DO (N+3.78)	B450	V60X60	155.308	0.735	ENVOL	0.367	ENVOL	12.328	ENVOL
2DO (N+3.78)	B452	V30X60	0.000	5.836	ENVOL	3.806	ENVOL	0.000	ENVOL
2DO (N+3.78)	B452	V30X60	46.875	4.413	ENVOL	1.883	ENVOL	0.000	ENVOL
2DO (N+3.78)	B452	V30X60	93.750	2.292	ENVOL	1.883	ENVOL	0.000	ENVOL
2DO (N+3.78)	B452	V30X60	140.625	1.883	ENVOL	1.883	ENVOL	0.000	ENVOL
2DO (N+3.78)	B452	V30X60	187.500	1.883	ENVOL	1.883	ENVOL	0.000	ENVOL
2DO (N+3.78)	B452	V30X60	234.375	1.883	ENVOL	1.883	ENVOL	0.000	ENVOL
2DO (N+3.78)	B452	V30X60	281.250	1.883	ENVOL	1.883	ENVOL	0.000	ENVOL
2DO (N+3.78)	B452	V30X60	328.125	2.162	ENVOL	1.883	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 145 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B452	V30X60	375.000	4.276	ENVOL	2.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B454	V30X60	0.000	6.785	ENVOL	4.408	ENVOL	0.000	ENVOL
2DO (N+3.78)	B454	V30X60	46.875	5.524	ENVOL	2.177	ENVOL	0.000	ENVOL
2DO (N+3.78)	B454	V30X60	93.750	2.777	ENVOL	2.177	ENVOL	0.000	ENVOL
2DO (N+3.78)	B454	V30X60	140.625	2.177	ENVOL	2.177	ENVOL	0.000	ENVOL
2DO (N+3.78)	B454	V30X60	187.500	2.177	ENVOL	2.412	C2	0.000	ENVOL
2DO (N+3.78)	B454	V30X60	234.375	2.177	ENVOL	2.557	C2	0.000	ENVOL
2DO (N+3.78)	B454	V30X60	281.250	2.177	ENVOL	3.135	ENVOL	0.000	ENVOL
2DO (N+3.78)	B454	V30X60	328.125	2.177	ENVOL	3.356	ENVOL	0.000	ENVOL
2DO (N+3.78)	B454	V30X60	375.000	3.983	ENVOL	3.067	ENVOL	0.000	ENVOL
2DO (N+3.78)	B457	V30X60	0.000	6.847	ENVOL	4.448	ENVOL	0.000	ENVOL
2DO (N+3.78)	B457	V30X60	46.875	5.524	ENVOL	2.197	ENVOL	0.000	ENVOL
2DO (N+3.78)	B457	V30X60	93.750	2.958	ENVOL	2.197	ENVOL	0.000	ENVOL
2DO (N+3.78)	B457	V30X60	140.625	2.197	ENVOL	2.197	ENVOL	0.000	ENVOL
2DO (N+3.78)	B457	V30X60	187.500	2.197	ENVOL	2.197	ENVOL	0.000	ENVOL
2DO (N+3.78)	B457	V30X60	234.375	2.197	ENVOL	2.246	C2	0.000	ENVOL
2DO (N+3.78)	B457	V30X60	281.250	2.197	ENVOL	2.740	ENVOL	0.000	ENVOL
2DO (N+3.78)	B457	V30X60	328.125	2.666	ENVOL	2.910	ENVOL	0.000	ENVOL
2DO (N+3.78)	B457	V30X60	375.000	5.019	ENVOL	2.569	ENVOL	0.000	ENVOL
2DO (N+3.78)	B458	V30X60	0.000	7.818	ENVOL	5.059	ENVOL	6.420	ENVOL
2DO (N+3.78)	B458	V30X60	46.875	5.632	ENVOL	2.514	ENVOL	6.420	ENVOL
2DO (N+3.78)	B458	V30X60	93.750	5.489	ENVOL	2.514	ENVOL	6.420	ENVOL
2DO (N+3.78)	B458	V30X60	140.625	4.339	ENVOL	2.514	ENVOL	6.420	ENVOL
2DO (N+3.78)	B458	V30X60	187.500	3.959	ENVOL	2.514	ENVOL	6.420	ENVOL
2DO (N+3.78)	B458	V30X60	234.375	4.421	ENVOL	2.514	ENVOL	6.420	ENVOL
2DO (N+3.78)	B458	V30X60	281.250	5.524	ENVOL	2.514	ENVOL	6.420	ENVOL
2DO (N+3.78)	B458	V30X60	328.125	5.679	ENVOL	2.514	ENVOL	6.420	ENVOL
2DO (N+3.78)	B458	V30X60	375.000	7.884	ENVOL	5.099	ENVOL	6.420	ENVOL
2DO (N+3.78)	B459	V60X60	0.000	0.591	ENVOL	0.295	ENVOL	11.334	C1
2DO (N+3.78)	B459	V60X60	40.000	0.510	ENVOL	0.147	ENVOL	11.334	C1
2DO (N+3.78)	B459	V60X60	80.000	0.585	ENVOL	0.292	ENVOL	11.334	C1
2DO (N+3.78)	B460	V60X60	0.000	0.511	ENVOL	0.255	ENVOL	11.239	C1
2DO (N+3.78)	B460	V60X60	25.581	0.485	ENVOL	0.137	ENVOL	11.239	C1
2DO (N+3.78)	B460	V60X60	51.161	0.523	ENVOL	0.137	ENVOL	11.239	C1
2DO (N+3.78)	B460	V60X60	51.161	0.546	ENVOL	0.137	ENVOL	11.239	C1
2DO (N+3.78)	B460	V60X60	80.000	0.548	ENVOL	0.274	ENVOL	11.239	C1
2DO (N+3.78)	B469	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	10.754	C1
2DO (N+3.78)	B469	V60X60	39.375	2.840	ENVOL	2.840	ENVOL	10.754	C1
2DO (N+3.78)	B469	V60X60	78.750	4.433	ENVOL	2.840	ENVOL	10.754	C1
2DO (N+3.78)	B469	V60X60	118.125	6.852	ENVOL	2.840	ENVOL	10.754	C1
2DO (N+3.78)	B469	V60X60	118.125	6.852	ENVOL	2.840	ENVOL	10.754	C1
2DO (N+3.78)	B469	V60X60	165.000	11.048	ENVOL	5.725	ENVOL	10.754	C1
2DO (N+3.78)	B470	V60X60	0.000	0.171	ENVOL	0.085	ENVOL	11.334	C1
2DO (N+3.78)	B470	V60X60	37.500	0.206	ENVOL	0.090	ENVOL	11.334	C1
2DO (N+3.78)	B470	V60X60	75.000	0.361	ENVOL	0.180	ENVOL	11.334	C1
2DO (N+3.78)	B471	V60X100	0.000	0.354	ENVOL	0.609	ENVOL	0.000	ENVOL
2DO (N+3.78)	B471	V60X100	38.690	0.631	ENVOL	0.673	ENVOL	0.000	ENVOL
2DO (N+3.78)	B471	V60X100	77.381	0.689	ENVOL	0.635	ENVOL	0.000	ENVOL
2DO (N+3.78)	B471	V60X100	116.071	1.021	ENVOL	0.631	ENVOL	0.000	ENVOL
2DO (N+3.78)	B471	V60X100	116.071	2.272	ENVOL	0.631	ENVOL	0.000	ENVOL
2DO (N+3.78)	B471	V60X100	155.536	2.351	ENVOL	0.631	ENVOL	0.000	ENVOL
2DO (N+3.78)	B471	V60X100	195.000	2.531	ENVOL	1.264	ENVOL	0.000	ENVOL
2DO (N+3.78)	B472	V60X100	0.000	36.732	ENVOL	19.083	ENVOL	27.384	ENVOL
2DO (N+3.78)	B472	V60X100	49.523	31.128	ENVOL	11.707	ENVOL	27.384	ENVOL
2DO (N+3.78)	B472	V60X100	99.046	25.950	ENVOL	11.707	ENVOL	27.384	ENVOL
2DO (N+3.78)	B472	V60X100	148.568	21.179	ENVOL	11.707	ENVOL	27.384	ENVOL
2DO (N+3.78)	B472	V60X100	198.091	19.083	ENVOL	11.707	ENVOL	27.384	ENVOL
2DO (N+3.78)	B472	V60X100	247.614	17.088	ENVOL	11.707	ENVOL	27.384	ENVOL
2DO (N+3.78)	B472	V60X100	297.137	13.183	ENVOL	11.707	ENVOL	27.384	ENVOL
2DO (N+3.78)	B472	V60X100	346.659	15.982	ENVOL	7.916	ENVOL	27.384	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 146 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B475	V60X100	0.000	19.083	ENVOL	10.008	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	48.334	13.954	ENVOL	5.191	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	96.668	8.601	ENVOL	5.191	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	145.002	5.191	ENVOL	5.191	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	193.336	5.191	ENVOL	7.650	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	241.670	5.191	ENVOL	11.754	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	290.003	5.191	ENVOL	15.407	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	338.337	5.191	ENVOL	18.596	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	386.671	5.191	ENVOL	19.083	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	435.005	5.191	ENVOL	19.083	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	483.339	5.191	ENVOL	19.083	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	531.673	5.191	ENVOL	19.888	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	580.007	5.191	ENVOL	20.440	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	628.341	5.191	ENVOL	20.613	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	676.675	5.191	ENVOL	20.406	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	725.009	5.191	ENVOL	19.819	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	773.343	5.191	ENVOL	19.083	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	821.676	5.191	ENVOL	19.083	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	870.010	5.191	ENVOL	19.083	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	918.344	5.191	ENVOL	18.327	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	966.678	5.191	ENVOL	15.096	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	1015.012	5.191	ENVOL	11.402	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	1063.346	5.191	ENVOL	7.258	C2	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	1111.680	5.191	ENVOL	5.191	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	1160.014	9.236	ENVOL	5.191	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	1208.348	14.659	ENVOL	5.191	ENVOL	24.550	ENVOL
2DO (N+3.78)	B475	V60X100	1256.682	19.083	ENVOL	10.446	ENVOL	24.550	ENVOL
2DO (N+3.78)	B477	V60X100	0.000	16.150	ENVOL	7.998	ENVOL	25.732	C14
2DO (N+3.78)	B477	V60X100	40.332	13.735	ENVOL	11.956	ENVOL	25.732	C14
2DO (N+3.78)	B477	V60X100	80.664	15.658	ENVOL	11.956	ENVOL	25.732	C14
2DO (N+3.78)	B477	V60X100	120.995	19.083	ENVOL	11.956	ENVOL	25.732	C14
2DO (N+3.78)	B477	V60X100	161.327	19.083	ENVOL	11.956	ENVOL	25.732	C14
2DO (N+3.78)	B477	V60X100	201.659	21.031	ENVOL	11.956	ENVOL	25.732	C14
2DO (N+3.78)	B477	V60X100	201.659	21.031	ENVOL	11.956	ENVOL	25.732	ENVOL
2DO (N+3.78)	B477	V60X100	249.992	26.128	ENVOL	11.956	ENVOL	25.732	ENVOL
2DO (N+3.78)	B477	V60X100	298.326	31.629	ENVOL	11.956	ENVOL	25.732	ENVOL
2DO (N+3.78)	B477	V60X100	346.659	37.554	ENVOL	19.083	ENVOL	25.732	ENVOL
2DO (N+3.78)	B478	V60X100	0.000	2.581	ENVOL	1.288	ENVOL	0.000	ENVOL
2DO (N+3.78)	B478	V60X100	48.750	2.022	ENVOL	0.644	ENVOL	0.000	ENVOL
2DO (N+3.78)	B478	V60X100	97.500	1.617	ENVOL	0.644	ENVOL	0.000	ENVOL
2DO (N+3.78)	B478	V60X100	146.250	1.367	ENVOL	0.644	ENVOL	0.000	ENVOL
2DO (N+3.78)	B478	V60X100	195.000	1.274	ENVOL	0.636	ENVOL	0.000	ENVOL
2DO (N+3.78)	B479	V60X60	0.000	0.424	ENVOL	0.212	ENVOL	9.556	ENVOL
2DO (N+3.78)	B479	V60X60	25.000	0.432	ENVOL	0.216	ENVOL	9.556	ENVOL
2DO (N+3.78)	B485	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B485	V60X60	44.684	2.107	ENVOL	1.688	ENVOL	0.000	ENVOL
2DO (N+3.78)	B485	V60X60	89.369	4.384	ENVOL	1.688	ENVOL	0.000	ENVOL
2DO (N+3.78)	B485	V60X60	134.053	6.845	ENVOL	3.391	ENVOL	0.000	ENVOL
2DO (N+3.78)	B486	V60X60	0.000	6.845	ENVOL	3.391	ENVOL	0.000	ENVOL
2DO (N+3.78)	B486	V60X60	44.684	4.384	ENVOL	1.688	ENVOL	0.000	ENVOL
2DO (N+3.78)	B486	V60X60	89.369	2.107	ENVOL	1.688	ENVOL	0.000	ENVOL
2DO (N+3.78)	B486	V60X60	134.053	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	48.000	0.000	ENVOL	0.119	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	96.000	0.000	ENVOL	0.179	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	144.000	0.000	ENVOL	0.179	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	192.000	0.000	ENVOL	0.119	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	240.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	0.000	24.521	ENVOL	11.675	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	49.811	19.887	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	99.622	15.676	ENVOL	7.614	ENVOL	0.000	ENVOL






Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 147 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B498	V60X60	149.433	11.875	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	199.244	11.048	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	249.055	7.614	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	298.867	7.614	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	348.678	7.614	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	398.489	7.614	ENVOL	10.308	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	448.300	7.614	ENVOL	11.048	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	498.111	7.614	ENVOL	11.302	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	547.922	7.614	ENVOL	12.694	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	597.733	7.614	ENVOL	13.812	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	647.544	7.614	ENVOL	14.649	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	697.355	7.614	ENVOL	15.198	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	747.166	7.614	ENVOL	15.457	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	796.977	7.614	ENVOL	15.423	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	846.789	7.614	ENVOL	15.097	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	896.600	7.614	ENVOL	14.480	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	946.411	7.614	ENVOL	13.578	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	996.222	7.614	ENVOL	12.396	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1046.033	7.614	ENVOL	11.048	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1095.844	7.614	ENVOL	11.048	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1145.655	7.614	ENVOL	9.670	C2	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1195.466	7.614	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1245.277	7.614	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1295.088	7.614	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1344.899	11.048	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1394.711	11.867	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1444.522	15.670	ENVOL	7.614	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1494.333	19.885	ENVOL	11.048	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	0.000	15.563	ENVOL	7.429	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	48.000	11.184	ENVOL	4.850	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	96.000	7.611	ENVOL	4.850	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	144.000	6.044	ENVOL	4.850	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	192.000	4.850	ENVOL	4.850	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	240.000	4.850	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	288.000	4.850	ENVOL	7.545	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	336.000	4.850	ENVOL	9.118	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	384.000	4.850	ENVOL	10.322	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	432.000	4.850	ENVOL	11.140	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	480.000	4.850	ENVOL	11.560	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	528.000	4.850	ENVOL	11.577	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	576.000	4.850	ENVOL	11.189	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	624.000	4.850	ENVOL	10.403	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	672.000	4.850	ENVOL	9.230	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	720.000	4.850	ENVOL	7.686	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	768.000	4.850	ENVOL	7.365	C2	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	816.000	4.850	ENVOL	4.850	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	864.000	5.552	ENVOL	4.850	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	912.000	7.365	ENVOL	4.850	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	960.000	10.701	ENVOL	4.850	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	1008.000	15.026	ENVOL	7.365	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	0.000	19.211	ENVOL	9.207	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	48.235	13.867	ENVOL	6.217	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	96.471	9.325	ENVOL	6.217	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	144.706	7.225	ENVOL	6.217	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	192.941	6.217	ENVOL	6.217	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	241.176	6.217	ENVOL	7.975	C2	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	289.412	6.217	ENVOL	9.207	C2	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	337.647	6.217	ENVOL	9.711	C2	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	385.882	6.217	ENVOL	10.869	C2	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	434.118	6.217	ENVOL	11.532	C2	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	482.353	6.217	ENVOL	11.691	C2	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	530.588	6.217	ENVOL	11.344	C2	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	578.824	6.217	ENVOL	10.496	C2	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	627.059	6.217	ENVOL	9.207	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	675.294	6.217	ENVOL	9.207	C2	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	723.529	6.217	ENVOL	6.791	C2	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	771.765	6.217	ENVOL	6.217	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 148 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B503	V50X60	820.000	6.217	ENVOL	6.217	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	820.000	6.217	ENVOL	6.217	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	867.000	7.972	ENVOL	6.217	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	914.000	9.957	ENVOL	6.217	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	961.000	14.555	ENVOL	6.217	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	1008.000	19.988	ENVOL	9.528	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	0.000	15.180	ENVOL	7.131	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	47.000	10.069	ENVOL	4.627	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	94.000	5.792	ENVOL	4.627	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	141.000	4.627	ENVOL	4.627	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	188.000	4.627	ENVOL	4.627	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	188.000	4.627	ENVOL	4.627	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	236.235	4.627	ENVOL	5.993	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	284.470	4.627	ENVOL	8.218	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	332.706	4.627	ENVOL	10.069	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	380.941	4.627	ENVOL	11.509	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	429.176	4.627	ENVOL	12.508	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	477.412	4.627	ENVOL	13.043	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	525.647	4.627	ENVOL	13.101	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	573.882	4.627	ENVOL	12.679	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	622.117	4.627	ENVOL	11.790	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	670.353	4.627	ENVOL	10.453	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	718.588	4.627	ENVOL	8.698	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	766.823	4.627	ENVOL	6.560	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	815.059	4.627	ENVOL	5.433	C2	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	863.294	4.627	ENVOL	4.627	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	911.529	5.524	ENVOL	4.627	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	959.765	8.627	ENVOL	4.627	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	1008.000	13.503	ENVOL	6.393	ENVOL	0.000	ENVOL
2DO (N+3.78)	B510	V60X60	50.000	3.795	ENVOL	1.888	ENVOL	0.000	ENVOL
2DO (N+3.78)	B510	V60X60	100.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	50.000	13.073	C14	8.502	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	98.750	11.048	ENVOL	6.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	147.500	9.091	ENVOL	6.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	196.250	6.113	ENVOL	6.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	245.000	6.113	ENVOL	6.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	293.750	6.113	ENVOL	6.354	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	342.500	6.113	ENVOL	6.961	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	391.250	6.113	ENVOL	7.442	C2	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	440.000	6.113	ENVOL	8.000	C2	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	488.750	6.113	ENVOL	8.152	C2	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	537.500	6.113	ENVOL	7.899	C2	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	586.250	6.113	ENVOL	7.681	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	635.000	6.113	ENVOL	7.635	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	683.750	6.113	ENVOL	7.200	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	732.500	6.113	ENVOL	6.380	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	781.250	6.113	ENVOL	6.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	830.000	8.010	ENVOL	6.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	830.000	8.010	ENVOL	6.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	878.333	11.048	ENVOL	6.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	926.667	14.633	ENVOL	6.113	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	975.000	19.379	ENVOL	11.048	ENVOL	0.000	ENVOL
2DO (N+3.78)	B514	V60X60	0.000	0.348	ENVOL	0.174	ENVOL	0.000	ENVOL
2DO (N+3.78)	B514	V60X60	48.750	0.165	ENVOL	0.143	ENVOL	0.000	ENVOL
2DO (N+3.78)	B514	V60X60	97.500	0.143	ENVOL	0.143	ENVOL	0.000	ENVOL
2DO (N+3.78)	B514	V60X60	146.250	0.278	ENVOL	0.143	ENVOL	0.000	ENVOL
2DO (N+3.78)	B514	V60X60	195.000	0.573	ENVOL	0.286	ENVOL	0.000	ENVOL
2DO (N+3.78)	B516	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B516	V60X60	27.500	2.290	ENVOL	1.155	ENVOL	0.000	ENVOL
2DO (N+3.78)	B516	V60X60	55.000	4.665	ENVOL	2.318	ENVOL	0.000	ENVOL
2DO (N+3.78)	B518	V40X60	0.000	6.712	ENVOL	3.310	ENVOL	8.226	ENVOL
2DO (N+3.78)	B518	V40X60	50.000	4.084	ENVOL	1.644	ENVOL	8.226	ENVOL
2DO (N+3.78)	B518	V40X60	100.000	2.087	ENVOL	1.644	ENVOL	8.226	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 149 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B518	V40X60	150.000	1.644	ENVOL	1.644	ENVOL	8.226	ENVOL
2DO (N+3.78)	B518	V40X60	200.000	0.000	ENVOL	0.121	ENVOL	8.226	ENVOL
2DO (N+3.78)	B519	V50X60	0.000	6.250	ENVOL	3.093	ENVOL	0.000	ENVOL
2DO (N+3.78)	B519	V50X60	50.000	3.580	ENVOL	1.539	ENVOL	0.000	ENVOL
2DO (N+3.78)	B519	V50X60	100.000	1.686	ENVOL	1.539	ENVOL	0.000	ENVOL
2DO (N+3.78)	B519	V50X60	150.000	1.539	ENVOL	1.539	ENVOL	0.000	ENVOL
2DO (N+3.78)	B519	V50X60	200.000	0.121	ENVOL	0.061	ENVOL	0.000	ENVOL
2DO (N+3.78)	B522	V20X60	0.000	0.000	C14	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B522	V20X60	48.333	0.404	ENVOL	0.341	ENVOL	0.000	ENVOL
2DO (N+3.78)	B522	V20X60	96.667	0.861	ENVOL	0.341	ENVOL	0.000	ENVOL
2DO (N+3.78)	B522	V20X60	145.000	1.375	ENVOL	0.684	ENVOL	0.000	ENVOL
2DO (N+3.78)	B523	V20X60	0.000	0.597	ENVOL	0.298	ENVOL	0.000	ENVOL
2DO (N+3.78)	B523	V20X60	48.750	0.646	ENVOL	0.277	ENVOL	0.000	ENVOL
2DO (N+3.78)	B523	V20X60	97.500	0.748	ENVOL	0.277	ENVOL	0.000	ENVOL
2DO (N+3.78)	B523	V20X60	146.250	0.904	ENVOL	0.277	ENVOL	0.000	ENVOL
2DO (N+3.78)	B523	V20X60	195.000	1.114	ENVOL	0.555	ENVOL	0.000	ENVOL
2DO (N+3.78)	B524	V20X60	0.000	0.888	ENVOL	0.443	ENVOL	0.000	ENVOL
2DO (N+3.78)	B524	V20X60	48.000	0.987	ENVOL	0.553	ENVOL	0.000	ENVOL
2DO (N+3.78)	B524	V20X60	96.000	1.145	ENVOL	0.553	ENVOL	0.000	ENVOL
2DO (N+3.78)	B524	V20X60	144.000	1.454	ENVOL	0.553	ENVOL	0.000	ENVOL
2DO (N+3.78)	B524	V20X60	192.000	1.818	ENVOL	0.553	ENVOL	0.000	ENVOL
2DO (N+3.78)	B524	V20X60	240.000	2.235	ENVOL	1.110	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	46.667	0.000	C2	1.160	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	93.333	0.000	C2	2.261	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	140.000	0.000	C2	3.301	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	186.667	0.000	C2	4.276	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	233.333	0.000	C2	5.185	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	280.000	0.000	C2	5.524	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	280.000	0.000	C2	5.524	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	323.333	0.000	C2	5.524	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	366.667	0.000	C2	5.409	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	410.000	0.000	C2	4.474	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	453.333	0.000	C2	3.252	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	496.667	0.000	C2	1.757	ENVOL	6.175	C1
2DO (N+3.78)	B630	V30X60	540.000	0.000	C2	0.000	C2	6.175	C1
2DO (N+3.78)	B631	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.420	C2
2DO (N+3.78)	B631	V30X60	44.000	0.000	ENVOL	0.714	ENVOL	6.420	C2
2DO (N+3.78)	B631	V30X60	88.000	0.000	ENVOL	1.073	ENVOL	6.420	C2
2DO (N+3.78)	B631	V30X60	132.000	0.000	ENVOL	1.073	ENVOL	6.420	C2
2DO (N+3.78)	B631	V30X60	176.000	0.000	ENVOL	0.714	ENVOL	6.420	C2
2DO (N+3.78)	B631	V30X60	220.000	0.000	ENVOL	0.000	ENVOL	6.420	C2
1ER (N+0.36)	B1	V60X60	0.000	0.594	ENVOL	0.297	ENVOL	0.000	ENVOL
1ER (N+0.36)	B1	V60X60	45.000	0.148	ENVOL	0.239	ENVOL	0.000	ENVOL
1ER (N+0.36)	B1	V60X60	90.000	0.148	ENVOL	0.302	ENVOL	0.000	ENVOL
1ER (N+0.36)	B1	V60X60	135.000	0.148	ENVOL	0.148	ENVOL	0.000	ENVOL
1ER (N+0.36)	B1	V60X60	180.000	0.509	ENVOL	0.254	ENVOL	0.000	ENVOL
1ER (N+0.36)	B2	V60X60	0.000	13.339	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B2	V60X60	47.143	11.048	ENVOL	10.214	ENVOL	0.000	ENVOL
1ER (N+0.36)	B2	V60X60	94.286	7.668	ENVOL	7.305	ENVOL	0.000	ENVOL
1ER (N+0.36)	B2	V60X60	141.429	4.284	ENVOL	4.284	ENVOL	0.000	ENVOL
1ER (N+0.36)	B2	V60X60	188.571	4.284	ENVOL	4.284	ENVOL	0.000	ENVOL
1ER (N+0.36)	B2	V60X60	235.714	4.284	ENVOL	4.290	ENVOL	0.000	ENVOL
1ER (N+0.36)	B2	V60X60	282.857	7.257	ENVOL	7.678	ENVOL	0.000	ENVOL
1ER (N+0.36)	B2	V60X60	330.000	11.048	ENVOL	10.792	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	30.000	9.312	ENVOL	4.597	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	77.500	6.435	ENVOL	3.864	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	125.000	3.933	ENVOL	4.222	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	172.500	2.552	ENVOL	4.249	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	220.000	2.552	ENVOL	3.944	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 150 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B3	V60X60	267.500	2.552	ENVOL	3.311	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	315.000	2.552	ENVOL	2.895	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	362.500	2.552	ENVOL	3.443	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	410.000	2.552	ENVOL	3.942	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	457.500	2.552	ENVOL	4.110	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	505.000	4.744	ENVOL	3.948	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	552.500	7.395	ENVOL	3.456	ENVOL	0.000	ENVOL
1ER (N+0.36)	B3	V60X60	600.000	10.428	ENVOL	5.139	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	30.000	10.064	ENVOL	4.962	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	77.500	7.101	ENVOL	3.682	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	125.000	4.518	ENVOL	4.115	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	172.500	2.464	ENVOL	4.218	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	220.000	2.464	ENVOL	3.989	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	267.500	2.464	ENVOL	3.431	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	315.000	2.464	ENVOL	2.857	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	362.500	2.464	ENVOL	3.220	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	410.000	2.464	ENVOL	3.790	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	457.500	2.464	ENVOL	4.031	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	505.000	4.244	ENVOL	3.941	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	552.500	6.811	ENVOL	3.521	ENVOL	0.000	ENVOL
1ER (N+0.36)	B4	V60X60	600.000	9.756	ENVOL	4.813	ENVOL	0.000	ENVOL
1ER (N+0.36)	B5	V60X60	30.000	11.048	ENVOL	9.272	ENVOL	0.000	ENVOL
1ER (N+0.36)	B5	V60X60	78.000	6.542	ENVOL	7.351	ENVOL	0.000	ENVOL
1ER (N+0.36)	B5	V60X60	126.000	4.670	ENVOL	4.776	ENVOL	0.000	ENVOL
1ER (N+0.36)	B5	V60X60	174.000	4.670	ENVOL	4.670	ENVOL	0.000	ENVOL
1ER (N+0.36)	B5	V60X60	222.000	4.670	ENVOL	5.146	ENVOL	0.000	ENVOL
1ER (N+0.36)	B5	V60X60	270.000	6.821	ENVOL	7.758	ENVOL	0.000	ENVOL
1ER (N+0.36)	B5	V60X60	270.000	6.817	C14	7.581	ENVOL	0.000	ENVOL
1ER (N+0.36)	B5	V60X60	315.000	11.048	ENVOL	8.432	ENVOL	0.000	ENVOL
1ER (N+0.36)	B5	V60X60	360.000	14.594	ENVOL	9.462	ENVOL	0.000	ENVOL
1ER (N+0.36)	B6	V60X60	0.000	0.376	ENVOL	0.188	ENVOL	0.000	ENVOL
1ER (N+0.36)	B6	V60X60	45.000	0.116	ENVOL	0.116	ENVOL	0.000	ENVOL
1ER (N+0.36)	B6	V60X60	90.000	0.116	ENVOL	0.160	ENVOL	0.000	ENVOL
1ER (N+0.36)	B6	V60X60	135.000	0.193	ENVOL	0.225	ENVOL	0.000	ENVOL
1ER (N+0.36)	B6	V60X60	180.000	0.463	ENVOL	0.231	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	45.714	0.000	ENVOL	1.125	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	91.429	0.000	ENVOL	1.883	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	137.143	0.000	ENVOL	2.264	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	182.857	0.000	ENVOL	2.264	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	228.571	0.000	ENVOL	1.883	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	274.286	0.000	ENVOL	1.125	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	320.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	30.000	9.379	ENVOL	4.629	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	77.273	4.607	ENVOL	3.566	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	124.545	3.566	ENVOL	3.566	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	171.818	3.566	ENVOL	5.482	C2	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	219.091	3.566	ENVOL	7.027	C2	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	266.364	3.566	ENVOL	7.654	C2	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	313.636	3.566	ENVOL	7.352	C2	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	360.909	3.566	ENVOL	6.126	C2	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	408.182	3.566	ENVOL	3.995	C2	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	455.455	4.358	ENVOL	3.566	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	502.727	9.008	ENVOL	3.566	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	550.000	11.048	ENVOL	7.202	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	30.000	8.696	ENVOL	4.286	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	75.682	4.999	ENVOL	2.128	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	121.364	2.128	ENVOL	2.128	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	167.045	2.128	ENVOL	3.561	C2	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	212.727	2.128	ENVOL	4.941	C2	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	258.409	2.128	ENVOL	5.658	C2	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	304.091	2.128	ENVOL	5.703	C2	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	349.773	2.128	ENVOL	5.076	C2	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 151 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B14	V50X60	395.455	2.128	ENVOL	3.785	C2	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	441.136	2.128	ENVOL	2.128	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	486.818	4.590	ENVOL	2.128	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	532.500	8.184	ENVOL	4.037	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	30.000	9.207	ENVOL	4.833	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	78.333	6.840	ENVOL	2.397	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	126.667	4.047	ENVOL	2.397	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	175.000	2.397	ENVOL	2.397	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	223.333	2.397	ENVOL	3.564	C2	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	271.667	2.397	ENVOL	5.494	C2	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	320.000	2.397	ENVOL	7.313	C2	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	320.000	2.397	ENVOL	7.111	C2	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	362.500	2.397	ENVOL	6.035	C2	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	405.000	2.397	ENVOL	4.388	C2	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	447.500	2.397	ENVOL	2.397	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	490.000	4.319	ENVOL	2.397	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	532.500	7.978	ENVOL	3.937	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	0.000	11.048	ENVOL	7.195	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	45.714	9.757	ENVOL	3.562	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	91.429	5.521	ENVOL	3.562	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	137.143	3.562	ENVOL	3.562	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	182.857	3.562	ENVOL	4.895	C2	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	228.571	3.562	ENVOL	6.624	C2	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	274.286	3.562	ENVOL	7.777	C2	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	320.000	3.562	ENVOL	8.344	C2	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	320.000	3.562	ENVOL	8.545	C2	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	370.000	3.562	ENVOL	6.638	C2	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	420.000	3.562	ENVOL	4.119	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	470.000	4.654	ENVOL	3.562	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	520.000	10.269	ENVOL	5.062	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	45.000	0.000	ENVOL	2.429	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	90.000	0.000	ENVOL	4.487	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	135.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	180.000	0.000	ENVOL	5.540	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	225.000	0.000	ENVOL	6.141	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	270.000	0.000	ENVOL	6.404	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	270.000	0.000	ENVOL	6.489	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	315.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	360.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	405.000	0.000	ENVOL	4.539	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	450.000	0.000	ENVOL	3.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	495.000	0.000	ENVOL	1.557	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	30.000	9.207	ENVOL	4.669	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	76.000	7.212	ENVOL	2.867	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	122.000	5.092	ENVOL	2.522	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	168.000	3.121	ENVOL	2.317	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	214.000	2.317	ENVOL	2.317	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	260.000	2.317	ENVOL	2.317	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	306.000	2.317	ENVOL	2.317	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	352.000	2.317	ENVOL	3.449	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	398.000	2.317	ENVOL	4.817	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	444.000	3.192	ENVOL	6.075	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	490.000	4.503	ENVOL	7.221	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	50.000	3.692	ENVOL	7.393	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	96.000	3.099	ENVOL	6.597	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	142.000	3.099	ENVOL	5.684	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	188.000	3.099	ENVOL	4.656	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	234.000	3.099	ENVOL	3.515	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	280.000	3.099	ENVOL	3.099	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	280.000	3.099	ENVOL	3.099	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	326.000	3.099	ENVOL	3.099	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	372.000	3.099	ENVOL	3.099	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 152 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B35	V50X60	418.000	5.630	ENVOL	3.099	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	464.000	8.999	ENVOL	3.099	ENVOL	0.000	ENVOL
1ER (N+0.36)	B35	V50X60	510.000	9.599	ENVOL	6.263	ENVOL	0.000	ENVOL
1ER (N+0.36)	B41	V60X60	0.000	9.017	ENVOL	4.453	ENVOL	0.000	ENVOL
1ER (N+0.36)	B41	V60X60	48.000	4.781	ENVOL	3.552	ENVOL	0.000	ENVOL
1ER (N+0.36)	B41	V60X60	96.000	2.213	ENVOL	2.672	ENVOL	0.000	ENVOL
1ER (N+0.36)	B41	V60X60	144.000	2.213	ENVOL	2.213	ENVOL	0.000	ENVOL
1ER (N+0.36)	B41	V60X60	192.000	2.213	ENVOL	2.261	ENVOL	0.000	ENVOL
1ER (N+0.36)	B41	V60X60	240.000	5.306	ENVOL	2.828	ENVOL	0.000	ENVOL
1ER (N+0.36)	B44	V50X60	17.500	9.216	ENVOL	6.018	ENVOL	0.000	ENVOL
1ER (N+0.36)	B44	V50X60	59.583	8.523	ENVOL	2.979	ENVOL	0.000	ENVOL
1ER (N+0.36)	B44	V50X60	101.667	5.485	ENVOL	2.979	ENVOL	0.000	ENVOL
1ER (N+0.36)	B44	V50X60	143.750	3.130	ENVOL	2.979	ENVOL	0.000	ENVOL
1ER (N+0.36)	B44	V50X60	185.833	2.979	ENVOL	2.979	ENVOL	0.000	ENVOL
1ER (N+0.36)	B44	V50X60	227.917	2.979	ENVOL	2.979	ENVOL	0.000	ENVOL
1ER (N+0.36)	B44	V50X60	270.000	0.000	ENVOL	0.098	ENVOL	0.000	ENVOL
1ER (N+0.36)	B49	V50X60	17.500	10.680	ENVOL	6.949	ENVOL	0.000	ENVOL
1ER (N+0.36)	B49	V50X60	58.000	9.207	ENVOL	3.435	ENVOL	0.000	ENVOL
1ER (N+0.36)	B49	V50X60	98.500	7.206	ENVOL	3.435	ENVOL	0.000	ENVOL
1ER (N+0.36)	B49	V50X60	139.000	4.332	ENVOL	3.435	ENVOL	0.000	ENVOL
1ER (N+0.36)	B49	V50X60	179.500	3.435	ENVOL	3.435	ENVOL	0.000	ENVOL
1ER (N+0.36)	B49	V50X60	220.000	3.435	ENVOL	3.435	ENVOL	0.000	ENVOL
1ER (N+0.36)	B49	V50X60	220.000	3.435	ENVOL	3.435	ENVOL	0.000	ENVOL
1ER (N+0.36)	B49	V50X60	270.000	0.000	ENVOL	0.303	ENVOL	0.000	ENVOL
1ER (N+0.36)	B53	V60X60	30.000	5.698	ENVOL	2.827	ENVOL	0.000	ENVOL
1ER (N+0.36)	B53	V60X60	77.500	2.619	ENVOL	2.056	ENVOL	0.000	ENVOL
1ER (N+0.36)	B53	V60X60	125.000	2.056	ENVOL	2.056	ENVOL	0.000	ENVOL
1ER (N+0.36)	B53	V60X60	172.500	2.056	ENVOL	2.477	ENVOL	0.000	ENVOL
1ER (N+0.36)	B53	V60X60	220.000	4.032	ENVOL	4.555	ENVOL	0.000	ENVOL
1ER (N+0.36)	B53	V60X60	220.000	3.439	ENVOL	5.075	ENVOL	0.000	ENVOL
1ER (N+0.36)	B53	V60X60	270.000	8.367	ENVOL	4.691	ENVOL	0.000	ENVOL
1ER (N+0.36)	B59	V15X60	0.000	0.040	ENVOL	0.020	ENVOL	0.000	ENVOL
1ER (N+0.36)	B59	V15X60	40.000	0.010	ENVOL	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B59	V15X60	80.000	0.010	ENVOL	0.020	ENVOL	0.000	ENVOL
1ER (N+0.36)	B59	V15X60	120.000	0.040	ENVOL	0.020	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	46.667	0.000	ENVOL	0.169	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	93.333	0.000	ENVOL	0.297	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	140.000	0.000	ENVOL	0.382	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	186.667	0.000	ENVOL	0.425	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	233.333	0.000	ENVOL	0.425	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	280.000	0.000	ENVOL	0.382	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	326.667	0.000	ENVOL	0.297	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	373.333	0.000	ENVOL	0.169	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	420.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	4.765	C1
1ER (N+0.36)	B67	V20X60	46.667	0.000	ENVOL	0.226	ENVOL	4.765	C1
1ER (N+0.36)	B67	V20X60	93.333	0.000	ENVOL	0.396	ENVOL	4.765	C1
1ER (N+0.36)	B67	V20X60	140.000	0.000	ENVOL	0.509	ENVOL	4.765	C1
1ER (N+0.36)	B67	V20X60	186.667	0.000	ENVOL	0.566	ENVOL	4.765	C1
1ER (N+0.36)	B67	V20X60	233.333	0.000	ENVOL	0.566	ENVOL	4.765	C1
1ER (N+0.36)	B67	V20X60	280.000	0.000	ENVOL	0.509	ENVOL	4.765	C1
1ER (N+0.36)	B67	V20X60	326.667	0.000	ENVOL	0.396	ENVOL	4.765	C1
1ER (N+0.36)	B67	V20X60	373.333	0.000	ENVOL	0.226	ENVOL	4.765	C1
1ER (N+0.36)	B67	V20X60	420.000	0.000	ENVOL	0.000	ENVOL	4.765	C1
1ER (N+0.36)	B70	V15X60	0.000	0.043	ENVOL	0.021	ENVOL	0.000	ENVOL
1ER (N+0.36)	B70	V15X60	40.000	0.012	ENVOL	0.020	ENVOL	0.000	ENVOL
1ER (N+0.36)	B70	V15X60	80.000	0.012	ENVOL	0.012	ENVOL	0.000	ENVOL
1ER (N+0.36)	B70	V15X60	120.000	0.046	ENVOL	0.023	ENVOL	0.000	ENVOL
1ER (N+0.36)	B274	V40X60	0.000	0.159	ENVOL	0.079	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 153 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B274	V40X60	40.000	0.073	ENVOL	0.095	ENVOL	0.000	ENVOL
1ER (N+0.36)	B274	V40X60	80.000	0.071	ENVOL	0.077	ENVOL	0.000	ENVOL
1ER (N+0.36)	B274	V40X60	120.000	0.154	ENVOL	0.077	ENVOL	0.000	ENVOL
1ER (N+0.36)	B276	V40X60	0.000	7.773	ENVOL	6.855	ENVOL	0.000	ENVOL
1ER (N+0.36)	B276	V40X60	46.000	6.866	ENVOL	4.826	ENVOL	0.000	ENVOL
1ER (N+0.36)	B276	V40X60	92.000	3.566	ENVOL	2.736	ENVOL	0.000	ENVOL
1ER (N+0.36)	B276	V40X60	138.000	2.509	ENVOL	2.509	ENVOL	0.000	ENVOL
1ER (N+0.36)	B276	V40X60	184.000	2.509	ENVOL	2.559	ENVOL	0.000	ENVOL
1ER (N+0.36)	B276	V40X60	230.000	4.007	C14	5.535	ENVOL	0.000	ENVOL
1ER (N+0.36)	B286	V40X60	60.000	3.858	ENVOL	5.453	ENVOL	0.000	ENVOL
1ER (N+0.36)	B286	V40X60	106.000	2.492	ENVOL	2.507	ENVOL	0.000	ENVOL
1ER (N+0.36)	B286	V40X60	152.000	2.492	ENVOL	2.492	ENVOL	0.000	ENVOL
1ER (N+0.36)	B286	V40X60	198.000	3.558	ENVOL	2.649	ENVOL	0.000	ENVOL
1ER (N+0.36)	B286	V40X60	244.000	6.827	ENVOL	4.658	ENVOL	0.000	ENVOL
1ER (N+0.36)	B286	V40X60	290.000	7.720	ENVOL	6.603	ENVOL	0.000	ENVOL
1ER (N+0.36)	B288	V40X60	0.000	0.161	ENVOL	0.080	ENVOL	0.000	ENVOL
1ER (N+0.36)	B288	V40X60	40.000	0.072	ENVOL	0.074	ENVOL	0.000	ENVOL
1ER (N+0.36)	B288	V40X60	80.000	0.057	ENVOL	0.089	ENVOL	0.000	ENVOL
1ER (N+0.36)	B288	V40X60	120.000	0.116	ENVOL	0.058	ENVOL	0.000	ENVOL
1ER (N+0.36)	B290	V40X60	29.802	7.365	ENVOL	4.081	ENVOL	8.226	ENVOL
1ER (N+0.36)	B290	V40X60	75.183	3.119	ENVOL	2.293	ENVOL	8.226	ENVOL
1ER (N+0.36)	B290	V40X60	120.564	2.293	ENVOL	2.293	ENVOL	8.226	ENVOL
1ER (N+0.36)	B290	V40X60	165.944	2.952	ENVOL	5.610	ENVOL	8.226	ENVOL
1ER (N+0.36)	B290	V40X60	211.325	5.674	ENVOL	7.365	ENVOL	8.226	ENVOL
1ER (N+0.36)	B291	V40X60	30.435	6.318	ENVOL	7.365	ENVOL	8.226	ENVOL
1ER (N+0.36)	B291	V40X60	75.816	3.304	ENVOL	5.523	ENVOL	8.226	ENVOL
1ER (N+0.36)	B291	V40X60	121.197	2.270	ENVOL	2.270	ENVOL	8.226	ENVOL
1ER (N+0.36)	B291	V40X60	166.577	3.189	ENVOL	2.270	ENVOL	8.226	ENVOL
1ER (N+0.36)	B291	V40X60	211.958	7.365	ENVOL	4.111	ENVOL	8.226	ENVOL
1ER (N+0.36)	B296	V40X60	0.000	8.281	ENVOL	5.596	ENVOL	0.000	ENVOL
1ER (N+0.36)	B296	V40X60	48.000	6.363	ENVOL	5.354	ENVOL	0.000	ENVOL
1ER (N+0.36)	B296	V40X60	96.000	2.762	ENVOL	4.396	ENVOL	0.000	ENVOL
1ER (N+0.36)	B296	V40X60	144.000	2.762	ENVOL	2.762	ENVOL	0.000	ENVOL
1ER (N+0.36)	B296	V40X60	192.000	2.762	ENVOL	2.768	ENVOL	0.000	ENVOL
1ER (N+0.36)	B296	V40X60	240.000	2.762	ENVOL	4.441	ENVOL	0.000	ENVOL
1ER (N+0.36)	B296	V40X60	240.000	2.762	ENVOL	4.441	ENVOL	0.000	ENVOL
1ER (N+0.36)	B296	V40X60	273.753	5.114	ENVOL	5.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B296	V40X60	307.507	7.365	ENVOL	5.656	ENVOL	0.000	ENVOL
1ER (N+0.36)	B296	V40X60	341.260	8.589	ENVOL	5.768	ENVOL	0.000	ENVOL
1ER (N+0.36)	B297	V40X60	0.000	9.104	ENVOL	5.914	ENVOL	0.000	ENVOL
1ER (N+0.36)	B297	V40X60	48.000	7.132	ENVOL	5.254	ENVOL	0.000	ENVOL
1ER (N+0.36)	B297	V40X60	96.000	3.035	ENVOL	4.326	ENVOL	0.000	ENVOL
1ER (N+0.36)	B297	V40X60	144.000	2.921	ENVOL	2.921	ENVOL	0.000	ENVOL
1ER (N+0.36)	B297	V40X60	192.000	2.921	ENVOL	2.921	ENVOL	0.000	ENVOL
1ER (N+0.36)	B297	V40X60	240.000	2.921	ENVOL	4.801	ENVOL	0.000	ENVOL
1ER (N+0.36)	B297	V40X60	240.000	2.921	ENVOL	4.801	ENVOL	0.000	ENVOL
1ER (N+0.36)	B297	V40X60	273.753	5.070	ENVOL	5.775	ENVOL	0.000	ENVOL
1ER (N+0.36)	B297	V40X60	307.507	7.365	ENVOL	6.417	ENVOL	0.000	ENVOL
1ER (N+0.36)	B297	V40X60	341.260	8.520	ENVOL	6.728	ENVOL	0.000	ENVOL
1ER (N+0.36)	B306	V40X60	0.000	0.790	ENVOL	0.395	ENVOL	0.000	ENVOL
1ER (N+0.36)	B306	V40X60	41.727	0.197	ENVOL	0.323	C2	0.000	ENVOL
1ER (N+0.36)	B306	V40X60	83.455	0.197	ENVOL	0.571	C2	0.000	ENVOL
1ER (N+0.36)	B306	V40X60	125.182	0.197	ENVOL	0.321	C2	0.000	ENVOL
1ER (N+0.36)	B306	V40X60	166.909	0.789	ENVOL	0.394	ENVOL	0.000	ENVOL
1ER (N+0.36)	B307	V40X60	0.000	0.837	ENVOL	0.418	ENVOL	0.000	ENVOL
1ER (N+0.36)	B307	V40X60	44.364	0.297	ENVOL	0.482	ENVOL	0.000	ENVOL
1ER (N+0.36)	B307	V40X60	88.727	0.291	ENVOL	0.515	ENVOL	0.000	ENVOL
1ER (N+0.36)	B307	V40X60	133.091	0.819	ENVOL	0.409	ENVOL	0.000	ENVOL
1ER (N+0.36)	B308	V40X60	0.000	7.365	ENVOL	6.394	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 154 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B308	V40X60	41.057	5.369	ENVOL	5.203	ENVOL	0.000	ENVOL
1ER (N+0.36)	B308	V40X60	82.114	2.896	ENVOL	3.646	ENVOL	0.000	ENVOL
1ER (N+0.36)	B308	V40X60	123.171	2.019	ENVOL	2.019	ENVOL	0.000	ENVOL
1ER (N+0.36)	B308	V40X60	164.227	2.019	ENVOL	2.019	ENVOL	0.000	ENVOL
1ER (N+0.36)	B308	V40X60	205.284	2.412	ENVOL	2.886	ENVOL	0.000	ENVOL
1ER (N+0.36)	B309	V40X60	0.000	2.456	ENVOL	3.063	ENVOL	8.226	ENVOL
1ER (N+0.36)	B309	V40X60	41.057	2.123	ENVOL	2.123	ENVOL	8.226	ENVOL
1ER (N+0.36)	B309	V40X60	82.114	2.123	ENVOL	2.123	ENVOL	8.226	ENVOL
1ER (N+0.36)	B309	V40X60	123.171	3.079	ENVOL	3.612	ENVOL	8.226	ENVOL
1ER (N+0.36)	B309	V40X60	164.228	5.677	ENVOL	5.171	ENVOL	8.226	ENVOL
1ER (N+0.36)	B309	V40X60	205.285	7.365	ENVOL	6.365	ENVOL	8.226	ENVOL
1ER (N+0.36)	B311	V40X60	0.000	0.849	ENVOL	0.424	ENVOL	0.000	ENVOL
1ER (N+0.36)	B311	V40X60	44.363	0.328	ENVOL	0.524	ENVOL	0.000	ENVOL
1ER (N+0.36)	B311	V40X60	88.727	0.340	ENVOL	0.494	ENVOL	0.000	ENVOL
1ER (N+0.36)	B311	V40X60	133.090	0.886	ENVOL	0.442	ENVOL	0.000	ENVOL
1ER (N+0.36)	B312	V40X60	0.000	0.837	ENVOL	0.418	ENVOL	8.226	ENVOL
1ER (N+0.36)	B312	V40X60	41.728	0.209	ENVOL	0.316	C2	8.226	ENVOL
1ER (N+0.36)	B312	V40X60	83.455	0.209	ENVOL	0.572	C2	8.226	ENVOL
1ER (N+0.36)	B312	V40X60	125.183	0.209	ENVOL	0.329	C2	8.226	ENVOL
1ER (N+0.36)	B312	V40X60	166.910	0.799	ENVOL	0.399	ENVOL	8.226	ENVOL
1ER (N+0.36)	B313	V50X60	25.000	4.886	ENVOL	2.424	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	73.500	4.150	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	122.000	3.550	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	170.500	3.086	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	219.000	2.757	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	267.500	2.560	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	316.000	2.496	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	364.500	2.565	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	413.000	2.767	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	461.500	3.103	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	510.000	3.572	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	558.500	4.177	ENVOL	1.215	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	607.000	4.919	ENVOL	2.440	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	0.000	0.859	ENVOL	0.428	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	46.364	0.528	ENVOL	0.244	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	92.727	0.247	ENVOL	0.244	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	139.091	0.244	ENVOL	0.258	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	185.454	0.244	ENVOL	0.312	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	231.818	0.244	ENVOL	0.366	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	278.182	0.244	ENVOL	0.430	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	324.545	0.244	ENVOL	0.467	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	370.909	0.244	ENVOL	0.458	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	417.273	0.391	ENVOL	0.404	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	463.636	0.661	ENVOL	0.302	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	510.000	0.980	ENVOL	0.489	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	0.000	0.930	ENVOL	0.464	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	46.364	0.586	ENVOL	0.275	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	92.727	0.291	ENVOL	0.275	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	139.091	0.275	ENVOL	0.286	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	185.455	0.275	ENVOL	0.317	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	231.818	0.275	ENVOL	0.354	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	278.182	0.275	ENVOL	0.430	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	324.545	0.275	ENVOL	0.480	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	370.909	0.275	ENVOL	0.485	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	417.273	0.477	ENVOL	0.444	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	463.636	0.767	ENVOL	0.355	ENVOL	0.000	ENVOL
1ER (N+0.36)	B325	V20X60	510.000	1.106	ENVOL	0.551	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	0.000	2.759	ENVOL	1.372	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	42.884	1.042	ENVOL	0.684	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	85.767	0.684	ENVOL	0.914	C2	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	128.651	0.684	ENVOL	0.914	C2	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	171.535	0.808	ENVOL	0.684	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 155 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B331	V40X60	214.418	2.390	ENVOL	0.684	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	214.418	1.264	ENVOL	0.684	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	260.682	0.684	ENVOL	0.845	C2	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	306.947	0.684	ENVOL	0.976	C2	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	353.211	0.998	ENVOL	0.684	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	353.211	5.527	ENVOL	0.684	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	399.246	2.059	ENVOL	0.684	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	445.281	0.684	ENVOL	1.446	C2	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	491.316	0.684	ENVOL	3.008	C2	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	537.352	0.684	ENVOL	3.805	C2	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	583.387	0.684	ENVOL	3.849	C2	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	629.422	0.684	ENVOL	3.164	C2	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	675.457	0.684	ENVOL	1.791	C2	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	721.492	1.925	ENVOL	0.684	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	767.527	5.042	ENVOL	0.684	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	767.527	1.914	ENVOL	1.054	ENVOL	8.226	ENVOL
1ER (N+0.36)	B331	V40X60	807.526	0.730	ENVOL	0.975	ENVOL	8.226	ENVOL
1ER (N+0.36)	B331	V40X60	847.525	0.251	ENVOL	0.397	ENVOL	8.226	ENVOL
1ER (N+0.36)	B332	V40X60	29.817	0.232	ENVOL	0.423	ENVOL	8.226	ENVOL
1ER (N+0.36)	B332	V40X60	69.816	0.715	ENVOL	1.029	ENVOL	8.226	ENVOL
1ER (N+0.36)	B332	V40X60	109.815	1.861	ENVOL	1.092	ENVOL	8.226	ENVOL
1ER (N+0.36)	B332	V40X60	109.815	7.365	ENVOL	0.603	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	155.907	5.195	ENVOL	0.603	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	202.000	1.491	ENVOL	0.603	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	248.092	0.603	ENVOL	1.398	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	294.184	0.603	ENVOL	3.551	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	340.277	0.603	ENVOL	4.915	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	386.369	0.603	ENVOL	5.432	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	432.462	0.603	ENVOL	5.060	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	478.554	0.603	ENVOL	3.777	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	524.647	0.603	ENVOL	1.768	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	570.739	1.799	ENVOL	0.603	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	616.832	5.713	ENVOL	0.603	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	662.924	8.357	ENVOL	0.603	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	662.924	1.091	ENVOL	3.204	C2	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	687.028	1.080	ENVOL	2.881	C2	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	687.028	1.839	ENVOL	1.735	C2	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	734.607	0.603	ENVOL	2.302	C2	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	782.185	0.603	ENVOL	2.044	C2	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	829.764	0.795	ENVOL	0.938	C2	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	877.342	2.429	ENVOL	1.209	ENVOL	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	30.000	40.006	ENVOL	18.350	ENVOL	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	78.733	23.132	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	127.466	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	176.199	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	224.932	11.048	ENVOL	18.897	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	273.664	11.048	ENVOL	25.670	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	322.397	11.048	ENVOL	31.094	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	371.130	11.048	ENVOL	34.993	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	419.863	11.048	ENVOL	37.225	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	468.596	11.048	ENVOL	37.714	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	517.329	11.048	ENVOL	36.466	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	566.062	11.048	ENVOL	33.574	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	614.795	11.048	ENVOL	29.196	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	663.528	11.048	ENVOL	23.528	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	712.260	11.048	ENVOL	16.773	C2	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	760.993	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	809.726	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	858.459	15.703	ENVOL	10.159	ENVOL	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	25.000	15.703	ENVOL	10.159	ENVOL	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	73.733	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	122.466	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	171.199	11.048	ENVOL	16.775	C2	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	219.932	11.048	ENVOL	23.530	C2	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	268.664	11.048	ENVOL	29.198	C2	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	317.397	11.048	ENVOL	33.575	C2	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 156 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B338	V60X60	366.130	11.048	ENVOL	36.467	C2	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	414.863	11.048	ENVOL	37.714	C2	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	463.596	11.048	ENVOL	37.225	C2	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	512.329	11.048	ENVOL	34.993	C2	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	561.062	11.048	ENVOL	31.094	C2	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	609.795	11.048	ENVOL	25.669	C2	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	658.528	11.048	ENVOL	18.896	C2	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	707.261	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	755.993	11.048	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	804.726	23.134	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	853.459	40.008	ENVOL	18.351	ENVOL	0.000	ENVOL
1ER (N+0.36)	B339	V20X60	0.000	2.677	ENVOL	1.328	ENVOL	0.000	ENVOL
1ER (N+0.36)	B339	V20X60	48.534	0.661	ENVOL	0.661	ENVOL	0.000	ENVOL
1ER (N+0.36)	B339	V20X60	97.068	0.661	ENVOL	1.747	C2	0.000	ENVOL
1ER (N+0.36)	B339	V20X60	145.602	0.661	ENVOL	2.179	C2	0.000	ENVOL
1ER (N+0.36)	B339	V20X60	194.137	0.661	ENVOL	1.782	C2	0.000	ENVOL
1ER (N+0.36)	B339	V20X60	242.671	0.661	ENVOL	0.661	ENVOL	0.000	ENVOL
1ER (N+0.36)	B339	V20X60	291.205	2.597	ENVOL	1.288	ENVOL	0.000	ENVOL
1ER (N+0.36)	B340	V20X60	0.000	2.570	ENVOL	1.275	ENVOL	0.000	ENVOL
1ER (N+0.36)	B340	V20X60	48.534	0.674	ENVOL	0.674	ENVOL	0.000	ENVOL
1ER (N+0.36)	B340	V20X60	97.068	0.674	ENVOL	1.784	C2	0.000	ENVOL
1ER (N+0.36)	B340	V20X60	145.603	0.674	ENVOL	2.168	C2	0.000	ENVOL
1ER (N+0.36)	B340	V20X60	194.137	0.674	ENVOL	1.724	C2	0.000	ENVOL
1ER (N+0.36)	B340	V20X60	242.671	0.674	ENVOL	0.674	ENVOL	0.000	ENVOL
1ER (N+0.36)	B340	V20X60	291.205	2.730	ENVOL	1.354	ENVOL	0.000	ENVOL
1ER (N+0.36)	B347	V20X60	0.000	0.582	ENVOL	0.484	ENVOL	0.000	ENVOL
1ER (N+0.36)	B347	V20X60	50.000	0.497	ENVOL	0.474	ENVOL	0.000	ENVOL
1ER (N+0.36)	B347	V20X60	100.000	0.469	ENVOL	0.409	ENVOL	0.000	ENVOL
1ER (N+0.36)	B349	V20X60	0.000	0.693	ENVOL	0.594	ENVOL	0.000	ENVOL
1ER (N+0.36)	B349	V20X60	50.000	0.595	ENVOL	0.577	ENVOL	0.000	ENVOL
1ER (N+0.36)	B349	V20X60	100.000	0.555	ENVOL	0.505	ENVOL	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	0.000	0.726	ENVOL	0.363	ENVOL	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	46.000	0.292	ENVOL	0.292	ENVOL	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	92.000	0.292	ENVOL	0.465	C2	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	138.000	0.292	ENVOL	0.435	C2	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	184.000	0.314	ENVOL	0.292	ENVOL	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	230.000	1.171	ENVOL	0.585	ENVOL	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	0.000	1.150	ENVOL	0.574	ENVOL	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	46.000	0.302	ENVOL	0.287	ENVOL	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	92.000	0.287	ENVOL	0.436	C2	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	138.000	0.287	ENVOL	0.462	C2	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	184.000	0.287	ENVOL	0.287	ENVOL	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	230.000	0.730	ENVOL	0.364	ENVOL	0.000	ENVOL
1ER (N+0.36)	B361	V30X60	0.000	1.595	ENVOL	0.794	ENVOL	0.000	ENVOL
1ER (N+0.36)	B361	V30X60	48.853	1.335	ENVOL	0.396	ENVOL	0.000	ENVOL
1ER (N+0.36)	B361	V30X60	97.706	1.347	ENVOL	0.396	ENVOL	0.000	ENVOL
1ER (N+0.36)	B361	V30X60	97.706	1.234	ENVOL	0.396	ENVOL	0.000	ENVOL
1ER (N+0.36)	B361	V30X60	125.320	1.189	ENVOL	0.396	ENVOL	0.000	ENVOL
1ER (N+0.36)	B361	V30X60	152.934	1.287	ENVOL	0.641	ENVOL	0.000	ENVOL
1ER (N+0.36)	B362	V30X60	0.000	6.774	ENVOL	4.401	ENVOL	6.158	C1
1ER (N+0.36)	B362	V30X60	48.853	4.522	ENVOL	2.174	ENVOL	6.158	C1
1ER (N+0.36)	B362	V30X60	97.706	2.174	ENVOL	2.174	ENVOL	6.158	C1
1ER (N+0.36)	B362	V30X60	97.706	2.174	ENVOL	2.174	ENVOL	6.158	C1
1ER (N+0.36)	B362	V30X60	125.320	2.174	ENVOL	2.174	ENVOL	6.158	C1
1ER (N+0.36)	B362	V30X60	152.934	0.000	ENVOL	3.505	ENVOL	6.158	C1
1ER (N+0.36)	B388	V60X60	0.000	11.048	ENVOL	5.570	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	47.260	8.470	ENVOL	2.764	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	94.519	5.935	ENVOL	2.764	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	141.779	3.706	ENVOL	2.764	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	189.038	2.764	ENVOL	3.511	ENVOL	11.334	C1


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 157 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B388	V60X60	236.298	2.764	ENVOL	4.031	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	283.558	2.764	ENVOL	4.257	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	330.817	2.764	ENVOL	4.181	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	378.077	2.764	ENVOL	3.867	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	425.337	2.764	ENVOL	3.759	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	472.596	2.764	ENVOL	3.489	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	519.856	2.764	ENVOL	3.258	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	567.115	2.764	ENVOL	2.764	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	614.375	2.971	ENVOL	2.764	ENVOL	11.334	C1
1ER (N+0.36)	B388	V60X60	661.635	5.379	ENVOL	2.670	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	30.000	5.308	ENVOL	2.635	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	77.260	2.949	ENVOL	2.949	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	124.519	2.949	ENVOL	2.986	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	171.779	2.949	ENVOL	3.469	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	219.038	2.949	ENVOL	3.613	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	266.298	2.949	ENVOL	3.771	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	313.558	2.949	ENVOL	3.825	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	360.817	2.949	ENVOL	4.132	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	408.077	2.949	ENVOL	4.191	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	455.337	2.949	ENVOL	3.948	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	502.596	2.949	ENVOL	3.411	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	549.856	4.190	ENVOL	2.949	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	597.115	6.512	ENVOL	2.949	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	644.375	9.145	ENVOL	2.949	ENVOL	11.334	C1
1ER (N+0.36)	B389	V60X60	691.635	11.048	ENVOL	5.946	ENVOL	11.334	C1
1ER (N+0.36)	B397	V60X60	30.000	4.099	ENVOL	2.038	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	79.486	2.602	ENVOL	1.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	128.972	1.281	ENVOL	1.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	178.458	1.016	ENVOL	1.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	227.944	1.016	ENVOL	1.752	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	277.430	1.016	ENVOL	2.408	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	326.916	1.016	ENVOL	2.901	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	376.402	1.016	ENVOL	3.344	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	425.888	1.016	ENVOL	3.633	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	475.374	1.016	ENVOL	3.729	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	524.860	1.016	ENVOL	3.631	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	574.346	1.016	ENVOL	3.339	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	623.832	1.016	ENVOL	2.883	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	673.318	1.016	ENVOL	2.387	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	722.804	1.016	ENVOL	1.729	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	772.290	1.016	ENVOL	1.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	821.776	1.276	ENVOL	1.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	871.262	2.598	ENVOL	1.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	920.748	4.096	ENVOL	2.037	ENVOL	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	0.000	16.533	ENVOL	7.867	ENVOL	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	49.003	10.590	ENVOL	5.129	ENVOL	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	98.005	7.365	ENVOL	5.129	ENVOL	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	147.008	5.129	ENVOL	6.128	C2	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	196.011	5.129	ENVOL	7.946	C2	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	245.014	5.129	ENVOL	10.527	C2	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	294.016	5.129	ENVOL	12.186	C2	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	343.019	5.129	ENVOL	12.869	C2	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	392.022	5.129	ENVOL	12.560	C2	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	441.024	5.129	ENVOL	11.279	C2	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	490.027	5.129	ENVOL	9.079	C2	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	539.030	5.129	ENVOL	7.365	C2	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	588.032	5.129	ENVOL	5.129	ENVOL	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	637.035	8.438	ENVOL	5.129	ENVOL	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	686.038	14.374	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	0.000	16.849	ENVOL	8.008	ENVOL	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	49.003	11.038	ENVOL	5.220	ENVOL	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	98.005	7.365	ENVOL	5.220	ENVOL	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	147.008	5.220	ENVOL	5.976	C2	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	196.011	5.220	ENVOL	7.857	C2	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	245.014	5.220	ENVOL	10.465	C2	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 158 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B410	V40X60	294.016	5.220	ENVOL	12.153	C2	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	343.019	5.220	ENVOL	12.867	C2	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	392.022	5.220	ENVOL	12.589	C2	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	441.024	5.220	ENVOL	11.338	C2	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	490.027	5.220	ENVOL	9.166	C2	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	539.030	5.220	ENVOL	7.365	C2	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	588.032	5.220	ENVOL	5.220	ENVOL	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	637.035	8.461	ENVOL	5.220	ENVOL	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	686.038	14.403	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER (N+0.36)	B411	V30X60	0.000	4.222	ENVOL	2.087	ENVOL	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	48.524	1.607	ENVOL	1.277	ENVOL	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	97.048	1.277	ENVOL	1.777	C2	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	145.572	1.277	ENVOL	3.343	C2	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	194.095	1.277	ENVOL	4.523	C2	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	242.619	1.277	ENVOL	5.304	C2	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	291.143	1.277	ENVOL	5.524	C2	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	339.667	1.277	ENVOL	5.524	C2	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	388.191	1.277	ENVOL	5.163	C2	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	436.715	1.277	ENVOL	4.290	C2	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	485.239	1.277	ENVOL	3.021	C2	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	533.762	1.277	ENVOL	1.370	C2	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	582.286	2.424	ENVOL	1.277	ENVOL	6.420	ENVOL
1ER (N+0.36)	B411	V30X60	630.810	5.217	ENVOL	2.571	ENVOL	6.420	ENVOL
1ER (N+0.36)	B412	V30X60	0.000	0.000	ENVOL	3.505	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	48.524	2.919	ENVOL	5.524	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	97.048	2.919	ENVOL	6.117	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	145.572	2.919	ENVOL	7.214	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	194.095	2.919	ENVOL	7.809	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	242.619	2.919	ENVOL	7.887	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	291.143	2.919	ENVOL	7.447	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	339.667	2.919	ENVOL	6.499	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	388.191	2.919	ENVOL	5.524	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	436.715	2.919	ENVOL	4.236	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	485.239	2.919	ENVOL	2.919	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	533.762	2.919	ENVOL	2.919	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	582.286	5.524	ENVOL	2.919	ENVOL	6.158	C1
1ER (N+0.36)	B412	V30X60	630.810	9.226	ENVOL	5.524	ENVOL	6.158	C1
1ER (N+0.36)	B417	V60X60	0.000	10.626	ENVOL	5.235	ENVOL	0.000	ENVOL
1ER (N+0.36)	B417	V60X60	48.521	7.572	ENVOL	7.572	ENVOL	0.000	ENVOL
1ER (N+0.36)	B417	V60X60	97.043	7.572	ENVOL	7.572	ENVOL	0.000	ENVOL
1ER (N+0.36)	B417	V60X60	145.564	7.572	ENVOL	9.930	C2	0.000	ENVOL
1ER (N+0.36)	B417	V60X60	194.085	7.572	ENVOL	10.411	C2	0.000	ENVOL
1ER (N+0.36)	B417	V60X60	242.607	7.572	ENVOL	8.816	C2	0.000	ENVOL
1ER (N+0.36)	B417	V60X60	291.128	7.572	ENVOL	7.572	ENVOL	0.000	ENVOL
1ER (N+0.36)	B417	V60X60	339.649	9.494	ENVOL	7.572	ENVOL	0.000	ENVOL
1ER (N+0.36)	B417	V60X60	388.170	14.538	ENVOL	7.572	ENVOL	0.000	ENVOL
1ER (N+0.36)	B417	V60X60	436.692	24.376	ENVOL	11.609	ENVOL	0.000	ENVOL
1ER (N+0.36)	B418	V60X60	30.000	24.352	ENVOL	11.599	ENVOL	0.000	ENVOL
1ER (N+0.36)	B418	V60X60	78.521	14.526	ENVOL	7.566	ENVOL	0.000	ENVOL
1ER (N+0.36)	B418	V60X60	127.043	9.490	ENVOL	7.566	ENVOL	0.000	ENVOL
1ER (N+0.36)	B418	V60X60	175.564	7.566	ENVOL	7.566	ENVOL	0.000	ENVOL
1ER (N+0.36)	B418	V60X60	224.085	7.566	ENVOL	8.805	C2	0.000	ENVOL
1ER (N+0.36)	B418	V60X60	272.606	7.566	ENVOL	10.388	C2	0.000	ENVOL
1ER (N+0.36)	B418	V60X60	321.128	7.566	ENVOL	9.894	C2	0.000	ENVOL
1ER (N+0.36)	B418	V60X60	369.649	7.566	ENVOL	7.566	ENVOL	0.000	ENVOL
1ER (N+0.36)	B418	V60X60	418.170	7.566	ENVOL	7.566	ENVOL	0.000	ENVOL
1ER (N+0.36)	B418	V60X60	466.692	10.792	ENVOL	5.316	ENVOL	0.000	ENVOL
1ER (N+0.36)	B432	V40X60	0.000	0.000	ENVOL	1.766	ENVOL	8.226	C2
1ER (N+0.36)	B432	V40X60	41.250	4.519	ENVOL	4.519	ENVOL	8.226	C2
1ER (N+0.36)	B432	V40X60	82.500	7.365	ENVOL	4.519	ENVOL	8.226	C2
1ER (N+0.36)	B432	V40X60	123.750	10.117	ENVOL	4.519	ENVOL	8.226	C2
1ER (N+0.36)	B432	V40X60	165.000	14.424	ENVOL	7.365	ENVOL	8.226	C2
1ER (N+0.36)	B434	V40X60	0.000	0.436	ENVOL	0.218	ENVOL	8.123	C1

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 159 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B434	V40X60	38.769	0.247	ENVOL	0.109	ENVOL	8.123	C1
1ER (N+0.36)	B434	V40X60	77.537	0.125	ENVOL	0.109	ENVOL	8.123	C1
1ER (N+0.36)	B434	V40X60	116.306	0.083	ENVOL	0.041	ENVOL	8.123	C1
1ER (N+0.36)	B436	V40X60	0.000	0.194	ENVOL	0.097	ENVOL	8.226	C1
1ER (N+0.36)	B436	V40X60	38.424	0.098	ENVOL	0.070	ENVOL	8.226	C1
1ER (N+0.36)	B436	V40X60	76.847	0.068	ENVOL	0.118	ENVOL	8.226	C1
1ER (N+0.36)	B436	V40X60	115.271	0.104	ENVOL	0.100	ENVOL	8.226	C1
1ER (N+0.36)	B436	V40X60	153.694	0.207	ENVOL	0.103	ENVOL	8.226	C1
1ER (N+0.36)	B437	V40X60	0.000	7.365	ENVOL	6.624	ENVOL	0.000	ENVOL
1ER (N+0.36)	B437	V40X60	46.160	6.716	ENVOL	5.471	ENVOL	0.000	ENVOL
1ER (N+0.36)	B437	V40X60	92.319	4.601	ENVOL	4.231	ENVOL	0.000	ENVOL
1ER (N+0.36)	B437	V40X60	138.479	2.618	ENVOL	2.907	ENVOL	0.000	ENVOL
1ER (N+0.36)	B437	V40X60	184.639	2.181	ENVOL	2.181	ENVOL	0.000	ENVOL
1ER (N+0.36)	B437	V40X60	230.798	2.181	ENVOL	2.181	ENVOL	0.000	ENVOL
1ER (N+0.36)	B437	V40X60	276.958	2.181	ENVOL	2.646	ENVOL	0.000	ENVOL
1ER (N+0.36)	B437	V40X60	323.117	3.262	ENVOL	4.236	ENVOL	0.000	ENVOL
1ER (N+0.36)	B437	V40X60	369.277	5.082	ENVOL	5.749	ENVOL	0.000	ENVOL
1ER (N+0.36)	B437	V40X60	415.437	7.030	ENVOL	7.181	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	0.000	3.846	ENVOL	2.944	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	48.142	2.909	ENVOL	2.847	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	96.284	2.084	ENVOL	2.645	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	144.426	1.369	ENVOL	2.338	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	192.568	0.952	ENVOL	1.928	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	240.711	0.952	ENVOL	1.416	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	288.853	0.952	ENVOL	0.952	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	336.995	0.952	ENVOL	0.952	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	385.137	0.952	ENVOL	0.952	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	433.279	1.663	ENVOL	0.952	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	481.421	2.701	ENVOL	0.952	ENVOL	0.000	ENVOL
1ER (N+0.36)	B438	V40X60	529.563	3.855	ENVOL	1.912	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	30.000	3.433	ENVOL	1.705	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	78.142	2.364	ENVOL	0.996	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	126.284	1.409	ENVOL	0.996	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	174.426	0.996	ENVOL	0.996	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	222.568	0.996	ENVOL	0.996	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	270.710	0.996	ENVOL	0.996	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	318.853	0.996	ENVOL	1.347	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	366.995	0.996	ENVOL	1.778	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	415.137	1.458	ENVOL	2.107	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	463.279	2.206	ENVOL	2.332	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	511.421	3.064	ENVOL	2.453	ENVOL	0.000	ENVOL
1ER (N+0.36)	B441	V40X60	559.563	4.034	ENVOL	2.468	ENVOL	0.000	ENVOL
1ER (N+0.36)	B443	V40X60	0.000	6.548	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER (N+0.36)	B443	V40X60	46.160	4.720	ENVOL	6.424	ENVOL	0.000	ENVOL
1ER (N+0.36)	B443	V40X60	92.319	3.016	ENVOL	4.700	ENVOL	0.000	ENVOL
1ER (N+0.36)	B443	V40X60	138.479	2.416	ENVOL	2.903	ENVOL	0.000	ENVOL
1ER (N+0.36)	B443	V40X60	184.639	2.416	ENVOL	2.416	ENVOL	0.000	ENVOL
1ER (N+0.36)	B443	V40X60	230.798	2.416	ENVOL	2.416	ENVOL	0.000	ENVOL
1ER (N+0.36)	B443	V40X60	276.958	2.962	ENVOL	2.708	ENVOL	0.000	ENVOL
1ER (N+0.36)	B443	V40X60	323.118	5.154	ENVOL	3.918	ENVOL	0.000	ENVOL
1ER (N+0.36)	B443	V40X60	369.277	7.365	ENVOL	5.041	ENVOL	0.000	ENVOL
1ER (N+0.36)	B443	V40X60	415.437	7.478	C14	6.076	ENVOL	0.000	ENVOL
1ER (N+0.36)	B444	V40X60	0.000	0.187	ENVOL	0.094	ENVOL	6.994	C1
1ER (N+0.36)	B444	V40X60	38.424	0.128	ENVOL	0.086	ENVOL	6.994	C1
1ER (N+0.36)	B444	V40X60	76.848	0.134	ENVOL	0.086	ENVOL	6.994	C1
1ER (N+0.36)	B444	V40X60	115.271	0.207	ENVOL	0.086	ENVOL	6.994	C1
1ER (N+0.36)	B444	V40X60	153.695	0.345	ENVOL	0.173	ENVOL	6.994	C1
1ER (N+0.36)	B446	V40X60	0.000	0.165	ENVOL	0.082	ENVOL	8.226	C1
1ER (N+0.36)	B446	V40X60	38.768	0.276	ENVOL	0.177	ENVOL	8.226	C1
1ER (N+0.36)	B446	V40X60	77.537	0.459	ENVOL	0.177	ENVOL	8.226	C1
1ER (N+0.36)	B446	V40X60	116.305	0.710	ENVOL	0.355	ENVOL	8.226	C1

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 160 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B449	V60X60	0.000	1.286	ENVOL	0.642	ENVOL	11.334	ENVOL
1ER (N+0.36)	B449	V60X60	38.827	0.321	ENVOL	0.462	C2	11.334	ENVOL
1ER (N+0.36)	B449	V60X60	77.654	0.321	ENVOL	0.866	C2	11.334	ENVOL
1ER (N+0.36)	B449	V60X60	116.481	0.321	ENVOL	0.483	C2	11.334	ENVOL
1ER (N+0.36)	B449	V60X60	155.308	1.213	ENVOL	0.606	ENVOL	11.334	ENVOL
1ER (N+0.36)	B450	V60X60	0.000	1.136	ENVOL	0.567	ENVOL	11.334	ENVOL
1ER (N+0.36)	B450	V60X60	38.827	0.407	ENVOL	0.466	C2	11.334	ENVOL
1ER (N+0.36)	B450	V60X60	77.654	0.407	ENVOL	0.793	C2	11.334	ENVOL
1ER (N+0.36)	B450	V60X60	116.481	0.407	ENVOL	0.407	ENVOL	11.334	ENVOL
1ER (N+0.36)	B450	V60X60	155.308	1.633	ENVOL	0.814	ENVOL	11.334	ENVOL
1ER (N+0.36)	B452	V30X60	0.000	3.503	ENVOL	1.735	ENVOL	6.328	C1
1ER (N+0.36)	B452	V30X60	46.875	1.258	ENVOL	0.863	ENVOL	6.328	C1
1ER (N+0.36)	B452	V30X60	93.750	0.863	ENVOL	1.323	C2	6.328	C1
1ER (N+0.36)	B452	V30X60	140.625	0.863	ENVOL	2.193	C2	6.328	C1
1ER (N+0.36)	B452	V30X60	187.500	0.863	ENVOL	2.530	C2	6.328	C1
1ER (N+0.36)	B452	V30X60	234.375	0.863	ENVOL	2.328	C2	6.328	C1
1ER (N+0.36)	B452	V30X60	281.250	0.863	ENVOL	1.590	C2	6.328	C1
1ER (N+0.36)	B452	V30X60	328.125	0.863	ENVOL	0.863	ENVOL	6.328	C1
1ER (N+0.36)	B452	V30X60	375.000	2.401	ENVOL	1.193	ENVOL	6.328	C1
1ER (N+0.36)	B453	V40X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	46.290	0.000	ENVOL	3.772	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	92.579	0.000	ENVOL	6.537	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	138.869	0.000	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	185.158	0.000	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	231.448	0.000	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	231.448	0.000	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	279.298	0.000	ENVOL	6.624	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	327.149	0.000	ENVOL	3.831	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	375.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	30.000	4.599	ENVOL	2.278	ENVOL	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	67.851	1.134	ENVOL	1.134	ENVOL	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	105.702	1.134	ENVOL	3.079	C2	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	143.552	1.134	ENVOL	4.757	C2	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	143.552	1.134	ENVOL	4.757	C2	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	183.842	1.134	ENVOL	5.554	C2	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	224.131	1.134	ENVOL	5.322	C2	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	264.421	1.134	ENVOL	4.080	C2	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	304.710	1.134	ENVOL	1.869	C2	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	345.000	3.362	ENVOL	1.670	ENVOL	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	0.000	6.931	ENVOL	3.416	ENVOL	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	46.875	2.900	ENVOL	1.932	ENVOL	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	93.750	1.932	ENVOL	3.145	C2	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	140.625	1.932	ENVOL	4.525	C2	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	187.500	1.932	ENVOL	4.922	C2	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	234.375	1.932	ENVOL	4.336	C2	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	281.250	1.932	ENVOL	2.994	ENVOL	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	328.125	3.779	ENVOL	1.932	ENVOL	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	375.000	7.365	ENVOL	3.896	ENVOL	0.000	ENVOL
1ER (N+0.36)	B458	V20X60	0.000	7.397	ENVOL	3.683	ENVOL	0.000	ENVOL
1ER (N+0.36)	B458	V20X60	46.875	4.733	ENVOL	2.353	ENVOL	0.000	ENVOL
1ER (N+0.36)	B458	V20X60	93.750	3.678	ENVOL	2.353	ENVOL	0.000	ENVOL
1ER (N+0.36)	B458	V20X60	140.625	2.353	ENVOL	2.353	ENVOL	0.000	ENVOL
1ER (N+0.36)	B458	V20X60	187.500	2.353	ENVOL	2.353	ENVOL	0.000	ENVOL
1ER (N+0.36)	B458	V20X60	234.375	2.353	ENVOL	2.353	ENVOL	0.000	ENVOL
1ER (N+0.36)	B458	V20X60	281.250	2.353	ENVOL	2.353	ENVOL	0.000	ENVOL
1ER (N+0.36)	B458	V20X60	328.125	2.918	ENVOL	2.353	ENVOL	0.000	ENVOL
1ER (N+0.36)	B458	V20X60	375.000	3.683	ENVOL	2.320	ENVOL	0.000	ENVOL
1ER (N+0.36)	B459	V60X60	0.000	0.606	ENVOL	0.303	ENVOL	11.334	C18
1ER (N+0.36)	B459	V60X60	40.000	0.151	ENVOL	0.151	ENVOL	11.334	C18
1ER (N+0.36)	B459	V60X60	80.000	0.480	ENVOL	0.240	ENVOL	11.334	C18
1ER (N+0.36)	B460	V60X60	0.000	0.550	ENVOL	0.275	ENVOL	11.334	C18


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 161 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B460	V60X60	25.581	0.413	ENVOL	0.236	ENVOL	11.334	C18
1ER (N+0.36)	B460	V60X60	51.161	0.657	ENVOL	0.236	ENVOL	11.334	C18
1ER (N+0.36)	B460	V60X60	51.161	0.923	ENVOL	0.236	ENVOL	11.334	C18
1ER (N+0.36)	B460	V60X60	80.000	0.945	ENVOL	0.472	ENVOL	11.334	C18
1ER (N+0.36)	B466	V60X60	0.000	15.127	ENVOL	9.797	ENVOL	13.938	ENVOL
1ER (N+0.36)	B466	V60X60	47.851	9.950	ENVOL	4.833	ENVOL	13.938	ENVOL
1ER (N+0.36)	B466	V60X60	95.702	4.833	ENVOL	4.833	ENVOL	13.938	ENVOL
1ER (N+0.36)	B466	V60X60	143.552	0.000	ENVOL	8.514	ENVOL	13.938	ENVOL
1ER (N+0.36)	B469	V40X60	0.000	0.682	ENVOL	0.340	ENVOL	7.427	C1
1ER (N+0.36)	B469	V40X60	48.333	0.861	ENVOL	0.742	ENVOL	7.427	C1
1ER (N+0.36)	B469	V40X60	96.667	1.638	ENVOL	0.742	ENVOL	7.427	C1
1ER (N+0.36)	B469	V40X60	145.000	2.539	ENVOL	0.742	ENVOL	7.427	C1
1ER (N+0.36)	B469	V40X60	145.000	2.946	ENVOL	0.742	ENVOL	7.676	C1
1ER (N+0.36)	B469	V40X60	165.000	2.993	ENVOL	1.487	ENVOL	7.676	C1
1ER (N+0.36)	B470	V40X60	0.000	0.084	ENVOL	0.042	ENVOL	0.000	ENVOL
1ER (N+0.36)	B470	V40X60	37.500	0.058	ENVOL	0.039	ENVOL	0.000	ENVOL
1ER (N+0.36)	B470	V40X60	75.000	0.143	ENVOL	0.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B471	V40X60	0.000	0.220	ENVOL	0.110	ENVOL	0.000	ENVOL
1ER (N+0.36)	B471	V40X60	48.750	0.086	ENVOL	0.104	C2	0.000	ENVOL
1ER (N+0.36)	B471	V40X60	97.500	0.086	ENVOL	0.199	C2	0.000	ENVOL
1ER (N+0.36)	B471	V40X60	146.250	0.086	ENVOL	0.095	C2	0.000	ENVOL
1ER (N+0.36)	B471	V40X60	195.000	0.346	ENVOL	0.173	ENVOL	0.000	ENVOL
1ER (N+0.36)	B473	V40X60	0.000	8.606	ENVOL	5.599	ENVOL	8.226	ENVOL
1ER (N+0.36)	B473	V40X60	46.623	7.365	ENVOL	3.558	ENVOL	8.226	ENVOL
1ER (N+0.36)	B473	V40X60	93.247	5.686	ENVOL	3.273	ENVOL	8.226	ENVOL
1ER (N+0.36)	B473	V40X60	139.870	3.393	ENVOL	2.767	ENVOL	8.226	ENVOL
1ER (N+0.36)	B473	V40X60	186.494	2.767	ENVOL	2.767	ENVOL	8.226	ENVOL
1ER (N+0.36)	B473	V40X60	233.117	2.767	ENVOL	2.767	ENVOL	8.226	ENVOL
1ER (N+0.36)	B473	V40X60	279.741	2.767	ENVOL	2.767	ENVOL	8.226	ENVOL
1ER (N+0.36)	B473	V40X60	326.364	4.040	ENVOL	2.767	ENVOL	8.226	ENVOL
1ER (N+0.36)	B473	V40X60	372.988	7.035	ENVOL	3.467	ENVOL	8.226	ENVOL
1ER (N+0.36)	B474	V40X60	0.000	6.869	ENVOL	3.386	ENVOL	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	47.668	3.830	ENVOL	3.830	ENVOL	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	95.335	3.830	ENVOL	3.885	C2	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	143.003	3.830	ENVOL	6.692	C2	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	190.671	3.830	ENVOL	7.365	C2	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	238.338	3.830	ENVOL	7.472	C2	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	286.006	3.830	ENVOL	7.697	C2	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	333.674	3.830	ENVOL	7.365	C2	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	381.342	3.830	ENVOL	7.365	C2	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	429.009	3.830	ENVOL	5.252	C2	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	476.677	3.830	ENVOL	3.830	ENVOL	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	524.345	7.365	ENVOL	3.830	ENVOL	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	572.012	12.096	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	30.000	15.492	ENVOL	10.027	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	79.862	10.879	ENVOL	5.965	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	129.724	5.965	ENVOL	5.965	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	179.585	5.965	ENVOL	8.809	C2	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	229.447	5.965	ENVOL	11.048	C2	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	279.309	5.965	ENVOL	11.820	C2	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	329.171	5.965	ENVOL	12.823	C2	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	379.032	5.965	ENVOL	12.714	C2	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	428.894	5.965	ENVOL	11.497	C2	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	478.756	5.965	ENVOL	11.048	C2	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	528.618	5.965	ENVOL	7.844	C2	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	578.479	5.965	ENVOL	5.965	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	628.341	9.186	ENVOL	5.965	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	628.341	6.751	ENVOL	5.965	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	677.864	5.965	ENVOL	5.965	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	727.386	5.965	ENVOL	5.965	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	776.909	5.965	ENVOL	5.965	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	826.432	5.965	ENVOL	5.965	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 162 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B476	V60X60	875.955	10.467	ENVOL	5.965	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	925.477	12.727	ENVOL	5.965	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	975.000	18.882	ENVOL	11.048	ENVOL	0.000	ENVOL
1ER (N+0.36)	B478	V60X60	0.000	2.024	ENVOL	1.009	ENVOL	0.000	ENVOL
1ER (N+0.36)	B478	V60X60	48.750	0.638	ENVOL	0.700	C2	0.000	ENVOL
1ER (N+0.36)	B478	V60X60	97.500	0.638	ENVOL	1.236	C2	0.000	ENVOL
1ER (N+0.36)	B478	V60X60	146.250	0.638	ENVOL	0.638	ENVOL	0.000	ENVOL
1ER (N+0.36)	B478	V60X60	195.000	2.565	ENVOL	1.278	ENVOL	0.000	ENVOL
1ER (N+0.36)	B480	V60X60	0.000	0.736	ENVOL	0.368	ENVOL	11.334	C2
1ER (N+0.36)	B480	V60X60	25.000	0.747	ENVOL	0.184	ENVOL	11.334	C2
1ER (N+0.36)	B480	V60X60	25.000	29.635	ENVOL	0.184	ENVOL	10.436	ENVOL
1ER (N+0.36)	B480	V60X60	68.000	21.107	ENVOL	0.184	ENVOL	10.436	ENVOL
1ER (N+0.36)	B480	V60X60	111.000	14.083	ENVOL	0.184	ENVOL	10.436	ENVOL
1ER (N+0.36)	B480	V60X60	154.000	11.048	ENVOL	0.184	ENVOL	10.436	ENVOL
1ER (N+0.36)	B480	V60X60	197.000	4.893	ENVOL	0.184	ENVOL	10.436	ENVOL
1ER (N+0.36)	B480	V60X60	240.000	0.013	ENVOL	0.028	ENVOL	10.436	ENVOL
1ER (N+0.36)	B492	V60X60	0.000	10.327	ENVOL	5.090	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	48.562	7.367	ENVOL	2.527	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	97.124	4.729	ENVOL	2.527	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	145.687	2.527	ENVOL	2.527	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	194.249	2.527	ENVOL	3.125	C2	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	242.811	2.527	ENVOL	4.502	C2	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	291.373	2.527	ENVOL	5.497	C2	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	339.936	2.527	ENVOL	6.074	C2	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	388.498	2.527	ENVOL	6.202	C2	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	437.060	2.527	ENVOL	5.853	C2	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	485.622	2.527	ENVOL	5.002	C2	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	534.185	2.527	ENVOL	3.629	C2	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	582.747	2.527	ENVOL	2.527	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	631.309	3.227	ENVOL	2.527	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	679.871	6.504	ENVOL	2.527	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	679.871	6.504	ENVOL	2.527	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	719.711	9.695	ENVOL	4.783	ENVOL	0.000	ENVOL
1ER (N+0.36)	B493	V60X60	0.000	0.000	ENVOL	8.129	ENVOL	11.334	ENVOL
1ER (N+0.36)	B493	V60X60	45.934	1.999	ENVOL	7.265	ENVOL	11.334	ENVOL
1ER (N+0.36)	B493	V60X60	91.869	1.999	ENVOL	6.265	ENVOL	11.334	ENVOL
1ER (N+0.36)	B493	V60X60	137.803	1.999	ENVOL	5.132	ENVOL	11.334	ENVOL
1ER (N+0.36)	B493	V60X60	183.737	1.999	ENVOL	4.005	ENVOL	11.334	ENVOL
1ER (N+0.36)	B493	V60X60	229.672	1.999	ENVOL	2.878	ENVOL	11.334	ENVOL
1ER (N+0.36)	B493	V60X60	275.606	1.999	ENVOL	1.999	ENVOL	11.334	ENVOL
1ER (N+0.36)	B493	V60X60	321.540	1.999	ENVOL	1.999	ENVOL	11.334	ENVOL
1ER (N+0.36)	B493	V60X60	367.475	2.973	ENVOL	1.999	ENVOL	11.334	ENVOL
1ER (N+0.36)	B493	V60X60	413.409	4.943	ENVOL	1.999	ENVOL	11.334	ENVOL
1ER (N+0.36)	B493	V60X60	459.343	7.101	ENVOL	3.516	ENVOL	11.334	ENVOL
1ER (N+0.36)	B494	V40X60	0.000	2.402	ENVOL	1.195	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	41.798	1.908	ENVOL	1.155	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	83.596	1.525	ENVOL	1.155	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	125.395	1.269	ENVOL	1.155	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	125.395	2.932	ENVOL	1.155	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	173.957	1.709	ENVOL	1.155	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	222.519	1.155	ENVOL	1.245	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	271.081	1.155	ENVOL	1.805	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	319.643	1.155	ENVOL	2.175	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	368.206	1.155	ENVOL	2.386	C2	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	416.768	1.155	ENVOL	2.542	C2	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	465.330	1.155	ENVOL	2.498	C2	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	513.892	1.155	ENVOL	2.256	C2	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	562.455	1.155	ENVOL	1.817	C2	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	611.017	1.155	ENVOL	1.181	C2	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	659.579	1.155	ENVOL	1.155	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	708.141	1.748	ENVOL	1.155	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	756.704	3.111	ENVOL	1.155	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	805.266	4.686	ENVOL	2.320	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 163 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B499	V60X60	50.000	5.345	ENVOL	2.653	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	98.842	3.811	ENVOL	1.525	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	147.684	2.450	ENVOL	1.525	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	196.526	1.525	ENVOL	1.525	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	245.368	1.525	ENVOL	1.744	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	294.210	1.525	ENVOL	2.341	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	343.053	1.525	ENVOL	2.779	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	391.895	1.525	ENVOL	3.057	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	440.737	1.525	ENVOL	3.259	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	489.579	1.525	ENVOL	3.407	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	538.421	1.525	ENVOL	3.366	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	587.263	1.525	ENVOL	3.136	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	636.105	1.525	ENVOL	2.719	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	684.947	1.525	ENVOL	2.115	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	733.789	1.525	ENVOL	1.525	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	782.631	1.525	ENVOL	1.525	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	831.474	1.662	ENVOL	1.525	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	880.316	2.994	ENVOL	1.525	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	929.158	4.497	ENVOL	1.525	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	978.000	6.178	ENVOL	3.063	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	0.000	5.484	ENVOL	2.711	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	48.000	4.287	ENVOL	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	96.000	3.206	ENVOL	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	144.000	2.239	ENVOL	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	192.000	1.515	C18	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	240.000	1.515	C18	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	288.000	1.515	C18	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	336.000	1.515	C18	1.549	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	384.000	1.515	C18	1.675	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	432.000	1.515	C18	1.885	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	480.000	1.515	C18	1.982	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	528.000	1.515	C18	1.958	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	576.000	1.515	C18	1.812	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	624.000	1.515	C18	1.625	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	672.000	1.515	C18	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	720.000	1.515	C18	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	768.000	1.515	C18	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	816.000	1.832	ENVOL	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	864.000	2.747	ENVOL	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	912.000	3.774	ENVOL	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	960.000	4.917	ENVOL	1.515	C18	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	1008.000	6.178	ENVOL	3.050	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	0.000	8.276	ENVOL	4.091	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	48.000	6.437	ENVOL	2.185	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	96.000	4.773	ENVOL	2.185	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	144.000	3.281	ENVOL	2.185	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	192.000	2.185	ENVOL	2.185	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	240.000	2.185	ENVOL	2.185	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	288.000	2.185	ENVOL	2.582	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	336.000	2.185	ENVOL	2.911	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	384.000	2.185	ENVOL	3.084	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	432.000	2.185	ENVOL	3.248	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	480.000	2.185	ENVOL	3.406	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	528.000	2.185	ENVOL	3.381	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	576.000	2.185	ENVOL	3.174	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	624.000	2.185	ENVOL	2.938	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	672.000	2.185	ENVOL	2.707	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	720.000	2.185	ENVOL	2.322	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	768.000	2.185	ENVOL	2.185	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	816.000	2.327	ENVOL	2.185	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	864.000	3.713	ENVOL	2.185	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	912.000	5.267	ENVOL	2.185	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	960.000	6.994	ENVOL	2.185	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	1008.000	8.899	ENVOL	4.395	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	0.000	6.956	ENVOL	3.683	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	48.000	4.734	ENVOL	2.219	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 164 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B504	V20X60	96.000	3.683	ENVOL	2.219	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	144.000	2.219	ENVOL	2.219	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	192.000	2.219	ENVOL	2.219	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	240.000	2.219	ENVOL	2.219	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	288.000	2.219	ENVOL	3.427	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	336.000	2.219	ENVOL	3.683	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	384.000	2.219	ENVOL	4.080	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	432.000	2.219	ENVOL	4.526	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	480.000	2.219	ENVOL	4.758	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	528.000	2.219	ENVOL	4.775	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	576.000	2.219	ENVOL	4.575	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	624.000	2.219	ENVOL	4.161	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	672.000	2.219	ENVOL	3.683	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	720.000	2.219	ENVOL	3.616	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	768.000	2.219	ENVOL	2.256	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	816.000	2.219	ENVOL	2.219	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	864.000	2.219	ENVOL	2.219	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	912.000	3.509	ENVOL	2.219	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	960.000	4.425	ENVOL	2.219	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	1008.000	6.601	ENVOL	3.683	ENVOL	0.000	ENVOL
1ER (N+0.36)	B505	V60X60	0.000	0.000	ENVOL	2.869	ENVOL	11.334	ENVOL
1ER (N+0.36)	B505	V60X60	25.532	0.713	ENVOL	1.130	ENVOL	11.334	ENVOL
1ER (N+0.36)	B505	V60X60	51.064	1.079	ENVOL	0.539	ENVOL	11.334	ENVOL
1ER (N+0.36)	B508	V60X60	30.000	11.740	ENVOL	7.656	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	77.641	9.252	ENVOL	4.138	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	125.283	4.325	ENVOL	4.138	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	172.924	4.138	ENVOL	5.201	C2	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	220.566	4.138	ENVOL	8.700	C2	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	268.207	4.138	ENVOL	11.048	C2	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	315.849	4.138	ENVOL	11.048	C2	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	363.490	4.138	ENVOL	11.048	C2	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	411.131	4.138	ENVOL	11.077	C2	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	458.773	4.138	ENVOL	11.048	C2	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	506.414	4.138	ENVOL	11.048	C2	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	554.056	4.138	ENVOL	9.824	C2	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	601.697	4.138	ENVOL	6.304	C2	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	649.339	4.669	ENVOL	4.138	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	696.980	10.179	ENVOL	4.138	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	744.622	12.867	ENVOL	8.372	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	0.000	3.600	ENVOL	1.787	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	46.702	2.276	ENVOL	1.131	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	93.404	1.131	ENVOL	1.131	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	140.106	1.131	ENVOL	1.131	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	186.808	1.131	ENVOL	1.220	C2	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	233.510	1.131	ENVOL	1.775	C2	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	280.212	1.131	ENVOL	2.148	C2	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	326.914	1.131	ENVOL	2.339	C2	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	373.616	1.131	ENVOL	2.346	C2	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	420.318	1.131	ENVOL	2.169	C2	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	467.020	1.131	ENVOL	1.809	C2	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	513.722	1.131	ENVOL	1.358	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	560.424	1.131	ENVOL	1.131	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	607.126	2.025	ENVOL	1.131	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	653.828	3.211	ENVOL	1.131	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	700.530	4.589	ENVOL	2.273	ENVOL	0.000	ENVOL
1ER (N+0.36)	B511	V60X60	0.000	6.935	ENVOL	3.435	ENVOL	11.334	C1
1ER (N+0.36)	B511	V60X60	37.098	6.752	ENVOL	2.386	ENVOL	11.334	C1
1ER (N+0.36)	B511	V60X60	74.196	6.867	ENVOL	5.302	ENVOL	11.334	C1
1ER (N+0.36)	B512	V60X60	50.000	32.368	ENVOL	15.133	ENVOL	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	98.684	19.267	ENVOL	11.223	ENVOL	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	147.368	11.223	ENVOL	11.223	ENVOL	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	196.053	11.223	ENVOL	11.223	ENVOL	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	244.737	11.223	ENVOL	17.188	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	293.421	11.223	ENVOL	23.301	C2	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 165 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B512	V60X60	342.105	11.223	ENVOL	28.321	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	390.789	11.223	ENVOL	32.095	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	439.474	11.223	ENVOL	34.490	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	488.158	11.223	ENVOL	35.412	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	536.842	11.223	ENVOL	34.822	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	585.526	11.223	ENVOL	32.744	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	634.211	11.223	ENVOL	29.263	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	682.895	11.223	ENVOL	24.505	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	731.579	11.223	ENVOL	18.619	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	780.263	11.223	ENVOL	11.761	C2	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	828.947	12.166	ENVOL	11.223	ENVOL	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	877.632	21.836	ENVOL	11.223	ENVOL	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	926.316	35.337	ENVOL	11.223	ENVOL	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	975.000	50.774	ENVOL	23.521	ENVOL	0.000	ENVOL
1ER (N+0.36)	B514	V60X60	0.000	3.520	ENVOL	1.751	ENVOL	11.334	ENVOL
1ER (N+0.36)	B514	V60X60	48.750	0.874	ENVOL	0.874	ENVOL	11.334	ENVOL
1ER (N+0.36)	B514	V60X60	97.500	0.874	ENVOL	1.278	C2	11.334	ENVOL
1ER (N+0.36)	B514	V60X60	146.250	0.874	ENVOL	0.874	ENVOL	11.334	ENVOL
1ER (N+0.36)	B514	V60X60	195.000	2.585	ENVOL	1.288	ENVOL	11.334	ENVOL
1ER (N+0.36)	B515	V60X60	0.000	0.695	ENVOL	0.347	ENVOL	9.316	C14
1ER (N+0.36)	B515	V60X60	25.000	0.696	ENVOL	0.173	ENVOL	9.316	C14
1ER (N+0.36)	B515	V60X60	25.000	26.019	C2	0.173	ENVOL	12.277	ENVOL
1ER (N+0.36)	B515	V60X60	68.000	17.966	ENVOL	0.173	ENVOL	12.277	ENVOL
1ER (N+0.36)	B515	V60X60	111.000	11.488	ENVOL	0.173	ENVOL	12.277	ENVOL
1ER (N+0.36)	B515	V60X60	154.000	8.568	ENVOL	0.173	ENVOL	12.277	ENVOL
1ER (N+0.36)	B515	V60X60	197.000	3.489	ENVOL	0.173	ENVOL	12.277	ENVOL
1ER (N+0.36)	B515	V60X60	240.000	0.000	ENVOL	0.584	ENVOL	12.277	ENVOL
1ER (N+0.36)	B519	V60X60	0.000	9.872	ENVOL	4.869	ENVOL	11.334	ENVOL
1ER (N+0.36)	B519	V60X60	50.000	7.094	ENVOL	2.419	ENVOL	11.334	ENVOL
1ER (N+0.36)	B519	V60X60	100.000	4.528	ENVOL	2.419	ENVOL	11.334	ENVOL
1ER (N+0.36)	B519	V60X60	150.000	2.419	ENVOL	2.419	ENVOL	11.334	ENVOL
1ER (N+0.36)	B519	V60X60	200.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
1ER (N+0.36)	B520	V20X60	0.000	3.002	ENVOL	1.487	ENVOL	3.855	ENVOL
1ER (N+0.36)	B520	V20X60	50.000	1.818	ENVOL	0.740	ENVOL	3.855	ENVOL
1ER (N+0.36)	B520	V20X60	100.000	0.944	ENVOL	0.740	ENVOL	3.855	ENVOL
1ER (N+0.36)	B520	V20X60	150.000	0.740	ENVOL	0.740	ENVOL	3.855	ENVOL
1ER (N+0.36)	B520	V20X60	200.000	0.089	ENVOL	0.045	ENVOL	3.855	ENVOL
1ER (N+0.36)	B521	V20X60	0.000	6.470	ENVOL	3.683	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	48.750	4.243	ENVOL	2.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	97.500	3.170	ENVOL	2.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	146.250	2.071	ENVOL	2.179	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	195.000	2.071	ENVOL	3.683	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	243.750	2.071	ENVOL	4.258	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	292.500	2.071	ENVOL	5.273	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	341.250	2.071	ENVOL	6.075	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	390.000	2.071	ENVOL	6.655	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	438.750	2.071	ENVOL	7.007	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	487.500	2.071	ENVOL	7.124	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	536.250	2.071	ENVOL	7.007	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	585.000	2.071	ENVOL	6.657	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	633.750	2.071	ENVOL	6.077	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	682.500	2.071	ENVOL	5.275	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	731.250	2.071	ENVOL	4.261	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	780.000	2.071	ENVOL	3.683	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	828.750	2.071	ENVOL	2.184	C2	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	877.500	3.369	ENVOL	2.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	926.250	4.394	ENVOL	2.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	975.000	6.544	ENVOL	2.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	975.000	3.760	ENVOL	2.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	1023.750	3.683	ENVOL	2.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	1072.500	3.683	ENVOL	2.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	1121.250	3.683	ENVOL	2.071	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	1170.000	3.691	ENVOL	2.423	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 166 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B524	V20X60	0.000	3.683	ENVOL	1.879	ENVOL	0.000	ENVOL
1ER (N+0.36)	B524	V20X60	48.000	2.532	ENVOL	0.934	ENVOL	0.000	ENVOL
1ER (N+0.36)	B524	V20X60	96.000	1.585	ENVOL	0.934	ENVOL	0.000	ENVOL
1ER (N+0.36)	B524	V20X60	144.000	0.951	ENVOL	0.934	ENVOL	0.000	ENVOL
1ER (N+0.36)	B524	V20X60	192.000	0.934	ENVOL	0.934	ENVOL	0.000	ENVOL
1ER (N+0.36)	B524	V20X60	240.000	0.606	ENVOL	0.303	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	46.667	0.000	ENVOL	1.163	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	93.333	0.000	ENVOL	2.267	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	140.000	0.000	ENVOL	3.309	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	186.667	0.000	ENVOL	4.288	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	233.333	0.000	ENVOL	5.200	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	280.000	0.000	ENVOL	5.524	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	280.000	0.000	ENVOL	5.524	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	323.333	0.000	ENVOL	5.524	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	366.667	0.000	ENVOL	5.399	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	410.000	0.000	ENVOL	4.465	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	453.333	0.000	ENVOL	3.247	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	496.667	0.000	ENVOL	1.754	ENVOL	6.287	C1
1ER (N+0.36)	B630	V30X60	540.000	0.000	ENVOL	0.000	ENVOL	6.287	C1
1ER (N+0.36)	B631	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.420	C18
1ER (N+0.36)	B631	V30X60	44.000	0.000	ENVOL	0.714	ENVOL	6.420	C18
1ER (N+0.36)	B631	V30X60	88.000	0.000	ENVOL	1.073	ENVOL	6.420	C18
1ER (N+0.36)	B631	V30X60	132.000	0.000	ENVOL	1.073	ENVOL	6.420	C18
1ER (N+0.36)	B631	V30X60	176.000	0.000	ENVOL	0.714	ENVOL	6.420	C18
1ER (N+0.36)	B631	V30X60	220.000	0.000	ENVOL	0.000	ENVOL	6.420	C18
1ER (N-0.49)	B1	V40X60	0.000	0.518	ENVOL	0.258	ENVOL	0.000	ENVOL
1ER (N-0.49)	B1	V40X60	45.000	0.281	ENVOL	0.281	ENVOL	0.000	ENVOL
1ER (N-0.49)	B1	V40X60	90.000	0.281	ENVOL	0.431	ENVOL	0.000	ENVOL
1ER (N-0.49)	B1	V40X60	135.000	0.507	ENVOL	0.534	ENVOL	0.000	ENVOL
1ER (N-0.49)	B1	V40X60	180.000	1.130	ENVOL	0.563	ENVOL	0.000	ENVOL
1ER (N-0.49)	B2	V40X60	0.000	4.944	ENVOL	2.447	ENVOL	0.000	ENVOL
1ER (N-0.49)	B2	V40X60	47.143	3.248	ENVOL	2.136	ENVOL	0.000	ENVOL
1ER (N-0.49)	B2	V40X60	94.286	1.849	ENVOL	2.098	ENVOL	0.000	ENVOL
1ER (N-0.49)	B2	V40X60	141.429	1.217	ENVOL	1.786	ENVOL	0.000	ENVOL
1ER (N-0.49)	B2	V40X60	188.571	1.217	ENVOL	1.217	ENVOL	0.000	ENVOL
1ER (N-0.49)	B2	V40X60	235.714	1.217	ENVOL	1.217	ENVOL	0.000	ENVOL
1ER (N-0.49)	B2	V40X60	282.857	1.217	ENVOL	1.217	ENVOL	0.000	ENVOL
1ER (N-0.49)	B2	V40X60	330.000	2.171	ENVOL	1.081	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	30.000	6.971	ENVOL	3.435	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	77.500	3.298	ENVOL	1.758	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	125.000	1.758	ENVOL	1.758	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	172.500	1.758	ENVOL	3.260	C2	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	220.000	1.758	ENVOL	4.810	C2	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	267.500	1.758	ENVOL	5.745	C2	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	315.000	1.758	ENVOL	6.050	C2	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	362.500	1.758	ENVOL	5.720	C2	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	410.000	1.758	ENVOL	4.761	C2	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	457.500	1.758	ENVOL	3.187	C2	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	505.000	1.758	ENVOL	1.758	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	552.500	3.612	ENVOL	1.758	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	600.000	7.189	ENVOL	3.541	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	30.000	3.687	ENVOL	1.830	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	77.500	2.030	ENVOL	0.912	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	125.000	0.912	ENVOL	0.912	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	172.500	0.912	ENVOL	1.081	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	220.000	0.912	ENVOL	1.696	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	267.500	0.912	ENVOL	2.192	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	315.000	0.912	ENVOL	2.364	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	362.500	0.912	ENVOL	2.211	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	410.000	0.912	ENVOL	1.734	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	457.500	0.912	ENVOL	1.086	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	505.000	0.912	ENVOL	0.912	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 167 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B4	V40X60	552.500	1.857	ENVOL	0.912	ENVOL	0.000	ENVOL
1ER(N-0.49)	B4	V40X60	600.000	3.490	ENVOL	1.732	ENVOL	0.000	ENVOL
1ER(N-0.49)	B5	V40X60	30.000	1.452	ENVOL	0.724	ENVOL	0.000	ENVOL
1ER(N-0.49)	B5	V40X60	78.000	0.544	ENVOL	0.990	ENVOL	0.000	ENVOL
1ER(N-0.49)	B5	V40X60	126.000	0.544	ENVOL	1.099	C2	0.000	ENVOL
1ER(N-0.49)	B5	V40X60	174.000	0.544	ENVOL	0.926	ENVOL	0.000	ENVOL
1ER(N-0.49)	B5	V40X60	222.000	0.937	ENVOL	0.544	ENVOL	0.000	ENVOL
1ER(N-0.49)	B5	V40X60	270.000	2.813	ENVOL	0.544	ENVOL	0.000	ENVOL
1ER(N-0.49)	B5	V40X60	270.000	1.748	ENVOL	1.343	ENVOL	0.000	ENVOL
1ER(N-0.49)	B5	V40X60	315.000	1.845	ENVOL	1.637	ENVOL	0.000	ENVOL
1ER(N-0.49)	B5	V40X60	360.000	2.192	ENVOL	1.683	ENVOL	0.000	ENVOL
1ER(N-0.49)	B6	V40X60	0.000	1.309	ENVOL	0.653	ENVOL	0.000	ENVOL
1ER(N-0.49)	B6	V40X60	45.000	0.618	ENVOL	0.585	ENVOL	0.000	ENVOL
1ER(N-0.49)	B6	V40X60	90.000	0.326	ENVOL	0.440	ENVOL	0.000	ENVOL
1ER(N-0.49)	B6	V40X60	135.000	0.326	ENVOL	0.326	ENVOL	0.000	ENVOL
1ER(N-0.49)	B6	V40X60	180.000	0.592	ENVOL	0.296	ENVOL	0.000	ENVOL
1ER(N-0.49)	B7	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.420	ENVOL
1ER(N-0.49)	B7	V30X60	45.714	0.000	ENVOL	1.125	ENVOL	6.420	ENVOL
1ER(N-0.49)	B7	V30X60	91.429	0.000	ENVOL	1.883	ENVOL	6.420	ENVOL
1ER(N-0.49)	B7	V30X60	137.143	0.000	ENVOL	2.264	ENVOL	6.420	ENVOL
1ER(N-0.49)	B7	V30X60	182.857	0.000	ENVOL	2.264	ENVOL	6.420	ENVOL
1ER(N-0.49)	B7	V30X60	228.571	0.000	ENVOL	1.883	ENVOL	6.420	ENVOL
1ER(N-0.49)	B7	V30X60	274.286	0.000	ENVOL	1.125	ENVOL	6.420	ENVOL
1ER(N-0.49)	B7	V30X60	320.000	0.000	ENVOL	0.000	ENVOL	6.420	ENVOL
1ER(N-0.49)	B12	V50X60	0.000	9.207	ENVOL	5.445	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	47.273	6.000	ENVOL	2.698	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	94.545	2.698	ENVOL	2.698	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	141.818	2.698	ENVOL	3.927	C2	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	189.091	2.698	ENVOL	5.948	C2	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	236.364	2.698	ENVOL	7.086	C2	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	283.636	2.698	ENVOL	7.319	C2	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	330.909	2.698	ENVOL	6.645	C2	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	378.182	2.698	ENVOL	5.075	C2	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	425.455	2.698	ENVOL	2.698	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	472.727	3.052	ENVOL	2.698	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	520.000	7.221	ENVOL	3.568	ENVOL	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	30.000	10.338	ENVOL	6.732	ENVOL	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	76.667	7.446	ENVOL	3.329	ENVOL	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	123.333	3.329	ENVOL	3.329	ENVOL	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	170.000	3.329	ENVOL	6.187	C2	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	216.667	3.329	ENVOL	9.207	C2	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	263.333	3.329	ENVOL	9.387	C2	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	310.000	3.329	ENVOL	10.996	C2	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	310.000	3.329	ENVOL	11.923	C2	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	354.500	3.329	ENVOL	10.610	C2	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	399.000	3.329	ENVOL	9.207	C2	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	443.500	3.329	ENVOL	6.874	C2	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	488.000	3.329	ENVOL	3.329	ENVOL	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	532.500	9.174	ENVOL	4.517	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	30.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	76.667	0.230	ENVOL	6.824	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	123.333	0.230	ENVOL	9.848	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	170.000	0.230	ENVOL	14.123	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	216.667	0.230	ENVOL	17.864	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	263.333	0.230	ENVOL	20.989	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	310.000	0.230	ENVOL	23.416	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	310.000	0.230	ENVOL	22.193	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	358.000	0.230	ENVOL	20.497	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	406.000	0.230	ENVOL	17.295	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	454.000	0.230	ENVOL	12.765	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	502.000	0.230	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	550.000	0.000	ENVOL	0.924	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 168 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B17	V50X60	30.000	12.747	ENVOL	8.253	ENVOL	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	78.333	9.207	ENVOL	4.071	ENVOL	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	126.667	4.071	ENVOL	4.071	ENVOL	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	175.000	4.071	ENVOL	6.334	C2	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	223.333	4.071	ENVOL	9.207	C2	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	271.667	4.071	ENVOL	10.044	C2	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	320.000	4.071	ENVOL	11.753	C2	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	320.000	4.071	ENVOL	11.649	C2	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	362.500	4.071	ENVOL	10.574	C2	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	405.000	4.071	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	447.500	4.071	ENVOL	7.758	C2	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	490.000	4.071	ENVOL	4.071	ENVOL	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	532.500	6.040	ENVOL	2.990	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	30.000	1.202	ENVOL	0.663	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	80.000	0.878	ENVOL	1.600	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	130.000	0.878	ENVOL	1.604	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	180.000	0.878	ENVOL	0.878	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	230.000	1.631	ENVOL	0.878	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	230.000	2.119	ENVOL	0.878	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	275.714	0.878	ENVOL	0.878	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	321.429	0.878	ENVOL	1.046	C2	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	367.143	0.878	ENVOL	1.562	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	412.857	0.878	ENVOL	1.685	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	458.571	0.878	ENVOL	1.278	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	504.286	1.698	ENVOL	0.878	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	550.000	3.541	ENVOL	1.761	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	48.462	0.000	ENVOL	2.860	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	96.923	0.000	ENVOL	5.315	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	145.385	0.000	ENVOL	5.524	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	193.846	0.000	ENVOL	6.653	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	242.308	0.000	ENVOL	7.435	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	290.769	0.000	ENVOL	7.830	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	339.231	0.000	ENVOL	7.830	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	387.692	0.000	ENVOL	7.435	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	436.154	0.000	ENVOL	6.653	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	484.615	0.000	ENVOL	5.524	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	533.077	0.000	ENVOL	5.315	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	581.538	0.000	ENVOL	2.860	ENVOL	4.807	ENVOL
1ER(N-0.49)	B21	V30X60	630.000	0.000	ENVOL	0.000	ENVOL	4.807	ENVOL
1ER(N-0.49)	B22	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	45.000	0.000	ENVOL	2.399	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	90.000	0.000	ENVOL	4.426	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	135.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	180.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	225.000	0.000	ENVOL	6.023	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	270.000	0.000	ENVOL	6.262	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	270.000	0.000	ENVOL	6.632	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	315.000	0.000	ENVOL	5.617	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	360.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	405.000	0.000	ENVOL	4.630	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	450.000	0.000	ENVOL	3.130	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	495.000	0.000	ENVOL	1.586	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	30.000	6.034	ENVOL	2.987	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	76.000	4.569	ENVOL	1.486	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	122.000	3.238	ENVOL	1.486	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	168.000	2.037	ENVOL	1.486	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	214.000	1.486	ENVOL	1.486	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	260.000	1.486	ENVOL	1.486	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	306.000	1.486	ENVOL	1.486	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	352.000	1.486	ENVOL	1.533	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	398.000	1.727	ENVOL	2.134	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	444.000	2.662	ENVOL	2.617	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	490.000	3.723	ENVOL	2.983	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 169 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B34	V50X60	50.000	24.063	ENVOL	11.343	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	90.000	18.590	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	130.000	13.482	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	130.000	20.047	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	180.000	13.881	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	230.000	9.207	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	280.000	7.369	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	330.000	7.369	ENVOL	9.207	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	380.000	7.369	ENVOL	12.146	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	430.000	7.369	ENVOL	16.621	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	480.000	7.369	ENVOL	21.101	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	530.000	7.369	ENVOL	25.589	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	580.000	7.369	ENVOL	30.086	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	630.000	7.369	ENVOL	34.591	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	630.000	7.369	ENVOL	34.516	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	680.000	7.369	ENVOL	29.930	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	730.000	7.369	ENVOL	25.362	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	780.000	7.369	ENVOL	20.809	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	830.000	7.369	ENVOL	16.269	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	880.000	7.369	ENVOL	11.741	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	930.000	7.369	ENVOL	9.207	C2	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	980.000	7.369	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	1030.000	9.207	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	1080.000	13.763	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	1130.000	19.899	C2	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	1130.000	13.366	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	1170.000	18.182	ENVOL	7.369	ENVOL	0.000	ENVOL
1ER(N-0.49)	B34	V50X60	1210.000	23.329	ENVOL	11.020	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	50.000	2.660	ENVOL	3.179	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	96.000	2.333	ENVOL	3.247	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	142.000	2.333	ENVOL	3.196	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	188.000	2.333	ENVOL	3.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	234.000	2.333	ENVOL	2.735	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	280.000	2.333	ENVOL	2.862	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	280.000	2.333	ENVOL	3.045	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	326.000	2.333	ENVOL	2.333	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	372.000	2.333	ENVOL	2.333	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	418.000	3.619	ENVOL	2.333	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	464.000	6.389	ENVOL	2.333	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	510.000	9.207	ENVOL	4.702	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	50.000	0.000	ENVOL	2.792	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	100.000	0.000	ENVOL	4.032	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	150.000	0.000	ENVOL	5.796	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	200.000	0.000	ENVOL	7.371	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	250.000	0.000	ENVOL	8.740	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	300.000	0.000	ENVOL	9.887	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	350.000	0.000	ENVOL	10.797	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	400.000	0.000	ENVOL	11.456	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	450.000	0.000	ENVOL	11.856	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	500.000	0.000	ENVOL	11.990	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	550.000	0.000	ENVOL	11.856	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	600.000	0.000	ENVOL	11.456	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	650.000	0.000	ENVOL	10.797	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	700.000	0.000	ENVOL	9.887	C2	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	750.000	0.000	ENVOL	8.740	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	800.000	0.000	ENVOL	7.371	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	850.000	0.000	ENVOL	5.796	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	900.000	0.000	ENVOL	4.032	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	950.000	0.000	ENVOL	2.792	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	1000.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B42	V50X60	30.000	2.069	ENVOL	1.031	ENVOL	0.000	ENVOL
1ER(N-0.49)	B42	V50X60	78.000	1.169	ENVOL	1.169	ENVOL	0.000	ENVOL
1ER(N-0.49)	B42	V50X60	126.000	1.169	ENVOL	1.723	C2	0.000	ENVOL
1ER(N-0.49)	B42	V50X60	174.000	1.169	ENVOL	1.861	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 170 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B42	V50X60	222.000	1.859	ENVOL	1.293	ENVOL	0.000	ENVOL
1ER(N-0.49)	B42	V50X60	270.000	4.730	ENVOL	2.347	ENVOL	0.000	ENVOL
1ER(N-0.49)	B49	V50X60	17.500	0.096	ENVOL	1.978	ENVOL	9.864	C1
1ER(N-0.49)	B49	V50X60	59.583	0.558	ENVOL	2.184	ENVOL	9.864	C1
1ER(N-0.49)	B49	V50X60	101.667	0.558	ENVOL	2.045	ENVOL	9.864	C1
1ER(N-0.49)	B49	V50X60	143.750	0.558	ENVOL	1.618	C2	9.864	C1
1ER(N-0.49)	B49	V50X60	185.833	0.558	ENVOL	1.073	C2	9.864	C1
1ER(N-0.49)	B49	V50X60	227.917	0.577	ENVOL	0.558	ENVOL	9.864	C1
1ER(N-0.49)	B49	V50X60	270.000	2.245	ENVOL	1.118	ENVOL	9.864	C1
1ER(N-0.49)	B53	V50X60	30.000	1.132	ENVOL	0.604	ENVOL	0.000	ENVOL
1ER(N-0.49)	B53	V50X60	77.500	0.638	ENVOL	0.638	ENVOL	0.000	ENVOL
1ER(N-0.49)	B53	V50X60	125.000	0.638	ENVOL	0.638	ENVOL	0.000	ENVOL
1ER(N-0.49)	B53	V50X60	172.500	1.136	ENVOL	0.751	ENVOL	0.000	ENVOL
1ER(N-0.49)	B53	V50X60	220.000	2.278	ENVOL	0.733	ENVOL	0.000	ENVOL
1ER(N-0.49)	B53	V50X60	220.000	2.411	ENVOL	1.743	ENVOL	0.000	ENVOL
1ER(N-0.49)	B53	V50X60	270.000	2.567	ENVOL	1.875	ENVOL	0.000	ENVOL
1ER(N-0.49)	B59	V50X60	0.000	0.261	ENVOL	0.130	ENVOL	0.000	ENVOL
1ER(N-0.49)	B59	V50X60	40.000	0.065	ENVOL	0.065	ENVOL	0.000	ENVOL
1ER(N-0.49)	B59	V50X60	80.000	0.067	ENVOL	0.076	ENVOL	0.000	ENVOL
1ER(N-0.49)	B59	V50X60	120.000	0.262	ENVOL	0.131	ENVOL	0.000	ENVOL
1ER(N-0.49)	B61	V50X60	0.000	5.155	ENVOL	2.556	ENVOL	0.000	ENVOL
1ER(N-0.49)	B61	V50X60	46.667	4.055	ENVOL	2.181	ENVOL	0.000	ENVOL
1ER(N-0.49)	B61	V50X60	93.333	3.086	ENVOL	2.525	ENVOL	0.000	ENVOL
1ER(N-0.49)	B61	V50X60	140.000	2.245	ENVOL	2.747	ENVOL	0.000	ENVOL
1ER(N-0.49)	B61	V50X60	186.667	1.531	ENVOL	2.846	ENVOL	0.000	ENVOL
1ER(N-0.49)	B61	V50X60	233.333	1.273	ENVOL	2.821	ENVOL	0.000	ENVOL
1ER(N-0.49)	B61	V50X60	280.000	1.273	ENVOL	2.674	ENVOL	0.000	ENVOL
1ER(N-0.49)	B61	V50X60	326.667	1.273	ENVOL	2.405	ENVOL	0.000	ENVOL
1ER(N-0.49)	B61	V50X60	373.333	1.273	ENVOL	2.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B61	V50X60	420.000	0.000	ENVOL	1.500	ENVOL	0.000	ENVOL
1ER(N-0.49)	B63	V50X60	0.000	0.000	ENVOL	1.500	ENVOL	0.000	ENVOL
1ER(N-0.49)	B63	V50X60	50.000	0.374	ENVOL	0.818	ENVOL	0.000	ENVOL
1ER(N-0.49)	B63	V50X60	100.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B66	V50X60	30.000	0.000	ENVOL	0.000	ENVOL	9.864	ENVOL
1ER(N-0.49)	B66	V50X60	80.000	1.330	ENVOL	2.741	ENVOL	9.864	ENVOL
1ER(N-0.49)	B66	V50X60	130.000	0.000	ENVOL	5.389	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	0.000	0.000	ENVOL	3.727	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	46.667	2.442	ENVOL	3.530	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	93.333	2.442	ENVOL	3.624	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	140.000	2.442	ENVOL	3.933	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	186.667	2.442	ENVOL	4.137	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	233.333	2.442	ENVOL	4.245	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	280.000	2.442	ENVOL	4.238	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	280.000	2.442	ENVOL	4.145	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	326.667	3.484	ENVOL	2.442	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	373.333	6.650	ENVOL	2.442	ENVOL	9.864	ENVOL
1ER(N-0.49)	B67	V50X60	420.000	9.207	ENVOL	4.924	ENVOL	9.864	ENVOL
1ER(N-0.49)	B70	V50X60	0.000	0.382	ENVOL	0.191	ENVOL	0.000	ENVOL
1ER(N-0.49)	B70	V50X60	40.000	0.145	ENVOL	0.095	ENVOL	0.000	ENVOL
1ER(N-0.49)	B70	V50X60	80.000	0.095	ENVOL	0.095	ENVOL	0.000	ENVOL
1ER(N-0.49)	B70	V50X60	120.000	0.260	ENVOL	0.130	ENVOL	0.000	ENVOL
1ER(N-0.49)	B73	V50X60	0.000	1.183	ENVOL	0.590	ENVOL	0.000	ENVOL
1ER(N-0.49)	B73	V50X60	45.000	0.548	ENVOL	0.548	ENVOL	0.000	ENVOL
1ER(N-0.49)	B73	V50X60	90.000	0.548	ENVOL	0.687	C2	0.000	ENVOL
1ER(N-0.49)	B73	V50X60	135.000	0.639	ENVOL	0.548	ENVOL	0.000	ENVOL
1ER(N-0.49)	B73	V50X60	180.000	2.202	ENVOL	1.097	ENVOL	0.000	ENVOL
1ER(N-0.49)	B75	V50X60	0.000	1.543	ENVOL	0.769	ENVOL	0.000	ENVOL
1ER(N-0.49)	B75	V50X60	45.000	0.453	ENVOL	0.453	ENVOL	0.000	ENVOL
1ER(N-0.49)	B75	V50X60	90.000	0.453	ENVOL	0.627	C2	0.000	ENVOL



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 171 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B75	V50X60	135.000	0.453	ENVOL	0.453	ENVOL	0.000	ENVOL
1ER(N-0.49)	B75	V50X60	180.000	1.819	ENVOL	0.907	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	30.000	9.207	ENVOL	5.777	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	40.000	9.207	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	40.000	9.207	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	80.000	4.235	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	120.000	2.861	ENVOL	3.661	C2	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	160.000	2.861	ENVOL	7.117	C2	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	160.000	2.861	ENVOL	7.117	C2	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	200.556	2.861	ENVOL	7.900	C2	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	241.111	2.861	ENVOL	8.039	C2	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	281.667	2.861	ENVOL	7.532	C2	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	281.667	2.861	ENVOL	7.532	C2	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	322.222	2.861	ENVOL	4.272	C2	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	362.778	2.861	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	403.333	7.887	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	403.333	7.887	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	444.167	12.406	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	485.000	19.952	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	485.000	36.353	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	525.000	22.580	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	525.000	22.580	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	565.556	12.952	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	606.111	6.234	ENVOL	2.861	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	646.667	2.861	ENVOL	3.449	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	646.667	2.861	ENVOL	3.449	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	680.000	0.000	ENVOL	9.047	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	30.000	9.896	ENVOL	6.452	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	40.000	9.207	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	40.000	9.207	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	80.000	5.441	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	120.000	3.192	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	160.000	3.192	ENVOL	6.399	C2	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	160.000	3.192	ENVOL	6.399	C2	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	200.556	3.192	ENVOL	7.255	C2	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	241.111	3.192	ENVOL	7.471	C2	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	281.667	3.192	ENVOL	7.045	C2	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	281.667	3.192	ENVOL	7.045	C2	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	322.222	3.192	ENVOL	3.871	C2	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	362.778	3.323	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	403.333	8.284	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	403.333	8.284	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	444.167	12.638	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	485.000	20.111	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	485.000	35.671	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	525.000	22.038	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	525.000	22.038	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	565.556	12.498	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	606.111	5.720	ENVOL	3.192	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	646.667	3.192	ENVOL	3.908	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	646.667	3.192	ENVOL	3.908	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	680.000	0.000	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	0.000	4.902	ENVOL	2.431	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	43.571	5.118	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	87.143	5.118	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	130.714	5.118	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	174.286	5.118	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	217.857	5.118	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	261.429	5.118	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	305.000	5.118	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	305.000	15.550	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	354.643	9.207	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	404.286	5.118	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	453.929	5.118	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	503.571	5.118	ENVOL	7.647	C2	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	553.214	5.118	ENVOL	9.207	C2	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 172 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B157	V50X60	602.857	5.118	ENVOL	9.543	C2	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	652.500	5.118	ENVOL	10.126	C2	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	702.143	5.118	ENVOL	9.801	C2	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	751.786	5.118	ENVOL	9.207	C2	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	801.429	5.118	ENVOL	8.643	C2	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	851.071	5.118	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	900.714	5.962	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	950.357	9.531	ENVOL	5.118	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	1000.000	16.227	ENVOL	9.207	ENVOL	0.000	ENVOL

1ER(N-0.49)	B188	V50X60	0.000	36.788	ENVOL	16.691	ENVOL	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	43.571	25.961	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	87.143	17.112	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	130.714	9.748	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	174.286	9.207	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	217.857	9.207	ENVOL	9.641	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	261.429	9.207	ENVOL	14.174	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	305.000	9.207	ENVOL	18.155	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	305.000	9.207	ENVOL	16.705	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	354.643	9.207	ENVOL	20.077	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	404.286	9.207	ENVOL	22.537	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	453.929	9.207	ENVOL	24.011	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	503.571	9.207	ENVOL	24.452	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	553.214	9.207	ENVOL	23.845	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	602.857	9.207	ENVOL	22.211	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	652.500	9.207	ENVOL	19.602	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	702.143	9.207	ENVOL	16.092	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	751.786	9.207	ENVOL	11.772	C2	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	801.429	9.207	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	851.071	9.207	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	900.714	15.330	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	950.357	24.756	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	1000.000	36.579	ENVOL	16.607	ENVOL	0.000	ENVOL

1ER(N-0.49)	B228	V50X60	0.000	0.000	ENVOL	9.047	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	44.167	2.212	ENVOL	12.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	88.333	2.212	ENVOL	16.800	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	88.333	2.212	ENVOL	16.800	C2	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	128.889	2.212	ENVOL	18.627	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	169.445	2.212	ENVOL	19.869	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	210.000	2.212	ENVOL	20.504	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	210.000	2.212	ENVOL	20.504	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	250.556	2.212	ENVOL	18.395	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	291.111	2.212	ENVOL	15.737	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	331.667	2.212	ENVOL	12.571	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	331.667	2.212	ENVOL	12.571	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	372.222	2.212	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	412.778	2.212	ENVOL	2.352	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	453.333	6.924	ENVOL	2.212	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	453.333	6.924	ENVOL	2.212	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	493.889	14.054	ENVOL	2.212	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	534.445	24.705	ENVOL	2.212	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	575.000	37.446	ENVOL	2.212	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	575.000	22.345	ENVOL	2.212	ENVOL	8.614	C1
1ER(N-0.49)	B228	V50X60	610.000	14.243	ENVOL	2.212	ENVOL	8.614	C1
1ER(N-0.49)	B228	V50X60	645.000	9.102	ENVOL	2.212	ENVOL	8.614	C1
1ER(N-0.49)	B228	V50X60	680.000	0.000	ENVOL	0.000	ENVOL	8.614	C1


1ER(N-0.49)	B233	V50X60	0.000	0.000	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	44.167	2.316	ENVOL	12.315	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	88.333	2.316	ENVOL	17.075	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	88.333	2.316	ENVOL	17.075	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	128.889	2.316	ENVOL	18.866	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	169.444	2.316	ENVOL	20.071	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	210.000	2.316	ENVOL	20.665	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	210.000	2.316	ENVOL	20.665	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	250.556	2.316	ENVOL	18.513	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	291.111	2.316	ENVOL	15.813	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	331.667	2.316	ENVOL	12.607	ENVOL	0.000	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 173 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B233	V50X60	331.667	2.316	ENVOL	12.607	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	372.222	2.316	ENVOL	9.207	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	412.778	2.316	ENVOL	2.316	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	453.333	6.961	ENVOL	2.316	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	453.333	6.961	ENVOL	2.316	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	493.889	14.172	ENVOL	2.316	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	534.444	24.880	C2	2.316	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	575.000	37.635	ENVOL	2.316	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	575.000	22.275	ENVOL	2.316	ENVOL	8.564	C1
1ER(N-0.49)	B233	V50X60	610.000	14.200	ENVOL	2.316	ENVOL	8.564	C1
1ER(N-0.49)	B233	V50X60	645.000	9.075	ENVOL	2.316	ENVOL	8.564	C1
1ER(N-0.49)	B233	V50X60	680.000	0.000	ENVOL	0.000	ENVOL	8.564	C1
1ER(N-0.49)	B269	V40X60	30.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	79.474	0.000	ENVOL	3.516	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	128.947	0.000	ENVOL	6.730	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	178.421	0.000	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	227.895	0.000	ENVOL	9.110	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	277.368	0.000	ENVOL	10.726	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	326.842	0.000	ENVOL	12.042	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	376.316	0.000	ENVOL	13.043	C2	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	425.789	0.000	ENVOL	13.717	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	475.263	0.000	ENVOL	14.057	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	524.737	0.000	ENVOL	14.057	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	574.211	0.000	ENVOL	13.717	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	623.684	0.000	ENVOL	13.043	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	673.158	0.000	ENVOL	12.042	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	722.632	0.000	ENVOL	10.726	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	772.105	0.000	ENVOL	9.110	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	821.579	0.000	ENVOL	7.365	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	871.053	0.000	ENVOL	6.730	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	920.526	0.000	ENVOL	3.516	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	970.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B270	V50X60	0.000	1.527	ENVOL	0.762	ENVOL	0.000	ENVOL
1ER(N-0.49)	B270	V50X60	37.500	1.045	ENVOL	0.380	ENVOL	0.000	ENVOL
1ER(N-0.49)	B270	V50X60	75.000	1.062	ENVOL	0.380	ENVOL	0.000	ENVOL
1ER(N-0.49)	B270	V50X60	75.000	0.552	ENVOL	0.380	ENVOL	0.000	ENVOL
1ER(N-0.49)	B270	V50X60	110.000	0.380	ENVOL	0.397	ENVOL	0.000	ENVOL
1ER(N-0.49)	B270	V50X60	145.000	0.380	ENVOL	0.689	ENVOL	0.000	ENVOL
1ER(N-0.49)	B270	V50X60	180.000	0.648	ENVOL	0.654	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	0.000	0.943	ENVOL	0.471	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	37.500	0.539	ENVOL	0.255	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	75.000	0.711	ENVOL	0.255	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	75.000	0.867	ENVOL	0.255	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	110.000	0.549	ENVOL	0.442	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	145.000	0.616	ENVOL	0.644	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	180.000	1.021	ENVOL	0.510	ENVOL	0.000	ENVOL
1ER(N-0.49)	B274	V60X60	0.000	0.240	ENVOL	0.120	ENVOL	11.334	ENVOL
1ER(N-0.49)	B274	V60X60	40.000	0.125	ENVOL	0.113	ENVOL	11.334	ENVOL
1ER(N-0.49)	B274	V60X60	80.000	0.125	ENVOL	0.145	ENVOL	11.334	ENVOL
1ER(N-0.49)	B274	V60X60	120.000	0.236	ENVOL	0.118	ENVOL	11.334	ENVOL
1ER(N-0.49)	B276	V60X60	0.000	11.048	ENVOL	7.747	ENVOL	0.000	ENVOL
1ER(N-0.49)	B276	V60X60	46.000	7.369	ENVOL	5.608	ENVOL	0.000	ENVOL
1ER(N-0.49)	B276	V60X60	92.000	3.870	ENVOL	3.350	ENVOL	0.000	ENVOL
1ER(N-0.49)	B276	V60X60	138.000	2.709	ENVOL	2.709	ENVOL	0.000	ENVOL
1ER(N-0.49)	B276	V60X60	184.000	2.709	ENVOL	2.709	ENVOL	0.000	ENVOL
1ER(N-0.49)	B276	V60X60	230.000	4.234	ENVOL	5.643	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	32.300	11.751	ENVOL	5.931	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	32.500	11.747	ENVOL	5.922	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	32.500	11.747	ENVOL	5.922	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	78.000	10.944	ENVOL	3.829	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	123.500	10.420	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	169.000	10.178	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	214.500	10.223	ENVOL	3.002	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 174 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B281	V60X100	260.000	10.574	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	260.000	12.002	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	310.000	8.109	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	360.000	4.638	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	410.000	3.002	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	460.000	3.002	ENVOL	3.452	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	510.000	3.002	ENVOL	5.375	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	560.000	3.002	ENVOL	6.920	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	610.000	3.002	ENVOL	8.202	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	660.000	3.002	ENVOL	9.291	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	710.000	3.002	ENVOL	9.944	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	760.000	3.002	ENVOL	10.158	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	810.000	3.002	ENVOL	9.933	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	860.000	3.002	ENVOL	9.269	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	910.000	3.002	ENVOL	8.169	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	960.000	3.002	ENVOL	6.885	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1010.000	3.002	ENVOL	5.327	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1060.000	3.002	ENVOL	3.391	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1110.000	3.002	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1160.000	4.720	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1210.000	8.202	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1260.000	12.105	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1260.000	10.657	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1305.500	10.362	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1351.000	10.380	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1396.500	10.685	ENVOL	3.002	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1442.000	11.269	ENVOL	3.621	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1487.500	12.133	ENVOL	5.687	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1487.500	12.133	ENVOL	5.687	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1487.700	12.137	ENVOL	6.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B286	V60X60	60.000	4.067	ENVOL	5.564	ENVOL	0.000	ENVOL
1ER(N-0.49)	B286	V60X60	106.000	2.694	ENVOL	2.694	ENVOL	0.000	ENVOL
1ER(N-0.49)	B286	V60X60	152.000	2.694	ENVOL	2.694	ENVOL	0.000	ENVOL
1ER(N-0.49)	B286	V60X60	198.000	3.850	ENVOL	3.177	ENVOL	0.000	ENVOL
1ER(N-0.49)	B286	V60X60	244.000	7.326	ENVOL	5.327	ENVOL	0.000	ENVOL
1ER(N-0.49)	B286	V60X60	290.000	11.025	ENVOL	7.362	ENVOL	0.000	ENVOL
1ER(N-0.49)	B288	V60X60	0.000	0.239	ENVOL	0.119	ENVOL	11.334	ENVOL
1ER(N-0.49)	B288	V60X60	40.000	0.119	ENVOL	0.135	ENVOL	11.334	ENVOL
1ER(N-0.49)	B288	V60X60	80.000	0.117	ENVOL	0.116	ENVOL	11.334	ENVOL
1ER(N-0.49)	B288	V60X60	120.000	0.228	ENVOL	0.114	ENVOL	11.334	ENVOL
1ER(N-0.49)	B296	V50X60	0.000	4.329	ENVOL	3.894	ENVOL	0.000	ENVOL
1ER(N-0.49)	B296	V50X60	48.751	3.027	ENVOL	3.255	ENVOL	0.000	ENVOL
1ER(N-0.49)	B296	V50X60	97.503	1.868	ENVOL	2.484	ENVOL	0.000	ENVOL
1ER(N-0.49)	B296	V50X60	146.254	1.071	ENVOL	1.584	ENVOL	0.000	ENVOL
1ER(N-0.49)	B296	V50X60	195.006	1.071	ENVOL	1.071	ENVOL	0.000	ENVOL
1ER(N-0.49)	B296	V50X60	243.757	1.071	ENVOL	1.071	ENVOL	0.000	ENVOL
1ER(N-0.49)	B296	V50X60	292.509	1.892	ENVOL	1.392	ENVOL	0.000	ENVOL
1ER(N-0.49)	B296	V50X60	341.260	3.332	ENVOL	1.877	ENVOL	0.000	ENVOL
1ER(N-0.49)	B297	V50X60	0.000	5.444	ENVOL	4.090	ENVOL	0.000	ENVOL
1ER(N-0.49)	B297	V50X60	48.751	3.900	ENVOL	3.396	ENVOL	0.000	ENVOL
1ER(N-0.49)	B297	V50X60	97.503	2.506	ENVOL	2.571	ENVOL	0.000	ENVOL
1ER(N-0.49)	B297	V50X60	146.254	1.343	ENVOL	1.618	ENVOL	0.000	ENVOL
1ER(N-0.49)	B297	V50X60	195.006	1.343	ENVOL	1.343	ENVOL	0.000	ENVOL
1ER(N-0.49)	B297	V50X60	243.757	1.343	ENVOL	1.343	ENVOL	0.000	ENVOL
1ER(N-0.49)	B297	V50X60	292.509	2.018	ENVOL	1.667	ENVOL	0.000	ENVOL
1ER(N-0.49)	B297	V50X60	341.260	3.513	ENVOL	2.382	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	50.000	0.000	ENVOL	1.953	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	50.000	0.000	ENVOL	1.755	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	94.000	0.000	ENVOL	2.127	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	138.000	0.000	ENVOL	2.135	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	182.000	0.000	ENVOL	1.780	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	226.000	0.000	ENVOL	1.065	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	270.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 175 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER(N-0.49)	B574	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	5.102	C2
1ER(N-0.49)	B574	V20X60	43.333	0.000	ENVOL	0.662	ENVOL	5.102	C2
1ER(N-0.49)	B574	V20X60	86.667	0.000	ENVOL	1.061	ENVOL	5.102	C2
1ER(N-0.49)	B574	V20X60	130.000	0.000	ENVOL	1.195	ENVOL	5.102	C2
1ER(N-0.49)	B574	V20X60	173.333	0.000	ENVOL	1.061	ENVOL	5.102	C2
1ER(N-0.49)	B574	V20X60	216.667	0.000	ENVOL	0.662	ENVOL	5.102	C2
1ER(N-0.49)	B574	V20X60	260.000	0.000	ENVOL	0.000	ENVOL	5.102	C2
1ER(N-0.49)	B624	V50X60	0.000	0.000	ENVOL	0.000	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	49.231	0.625	ENVOL	0.780	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	98.462	0.625	ENVOL	1.405	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	147.692	0.625	ENVOL	1.874	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	196.923	0.625	ENVOL	2.185	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	246.154	0.625	ENVOL	2.338	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	295.385	0.625	ENVOL	2.331	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	344.615	0.625	ENVOL	2.244	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	393.846	0.625	ENVOL	2.021	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	443.077	0.625	ENVOL	1.663	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	492.308	0.625	ENVOL	1.170	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	541.538	0.633	ENVOL	0.625	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	590.769	1.503	ENVOL	0.625	ENVOL	9.864	ENVOL
1ER(N-0.49)	B624	V50X60	640.000	2.515	ENVOL	1.252	ENVOL	9.864	ENVOL
1ER(N-0.49)	B625	V50X60	30.000	7.046	ENVOL	3.482	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	79.231	5.653	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	128.462	4.410	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	177.692	3.316	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	226.923	2.365	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	276.154	1.731	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	325.385	1.731	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	374.615	1.731	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	423.846	1.731	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	473.077	1.731	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	522.308	1.731	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	571.538	1.731	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	620.769	1.731	ENVOL	1.731	ENVOL	9.864	C1
1ER(N-0.49)	B625	V50X60	670.000	0.000	ENVOL	0.000	ENVOL	9.864	C1
1ER(N-0.49)	B626	V60X60	55.793	4.884	ENVOL	5.972	ENVOL	11.334	C1
1ER(N-0.49)	B626	V60X60	104.445	3.252	ENVOL	3.591	ENVOL	11.334	C1
1ER(N-0.49)	B626	V60X60	153.097	2.061	ENVOL	1.490	ENVOL	11.334	C1
1ER(N-0.49)	B626	V60X60	201.749	2.444	ENVOL	1.490	ENVOL	11.334	C1
1ER(N-0.49)	B626	V60X60	250.401	6.032	ENVOL	2.991	ENVOL	11.334	C1
1ER(N-0.49)	B627	V60X60	30.000	5.994	ENVOL	2.973	ENVOL	11.334	C1
1ER(N-0.49)	B627	V60X60	78.652	2.451	ENVOL	1.480	ENVOL	11.334	C1
1ER(N-0.49)	B627	V60X60	127.304	2.039	ENVOL	1.480	ENVOL	11.334	C1
1ER(N-0.49)	B627	V60X60	175.956	3.244	ENVOL	3.447	ENVOL	11.334	C1
1ER(N-0.49)	B627	V60X60	224.608	4.889	ENVOL	5.766	ENVOL	11.334	C1
1ER(N-0.49)	B628	V50X60	23.616	1.232	ENVOL	3.443	ENVOL	0.000	ENVOL
1ER(N-0.49)	B628	V50X60	72.826	1.265	ENVOL	3.311	ENVOL	0.000	ENVOL
1ER(N-0.49)	B628	V50X60	122.036	1.265	ENVOL	2.386	ENVOL	0.000	ENVOL
1ER(N-0.49)	B628	V50X60	171.246	1.265	ENVOL	1.300	C2	0.000	ENVOL
1ER(N-0.49)	B628	V50X60	220.456	1.804	ENVOL	1.265	ENVOL	0.000	ENVOL
1ER(N-0.49)	B628	V50X60	269.666	5.123	ENVOL	2.540	ENVOL	0.000	ENVOL
1ER(N-0.49)	B629	V50X60	30.000	7.352	ENVOL	3.632	ENVOL	0.000	ENVOL
1ER(N-0.49)	B629	V50X60	79.210	3.556	ENVOL	2.155	ENVOL	0.000	ENVOL
1ER(N-0.49)	B629	V50X60	128.420	2.155	ENVOL	2.155	ENVOL	0.000	ENVOL
1ER(N-0.49)	B629	V50X60	177.630	2.155	ENVOL	3.078	ENVOL	0.000	ENVOL
1ER(N-0.49)	B629	V50X60	226.840	2.155	ENVOL	6.051	ENVOL	0.000	ENVOL
1ER(N-0.49)	B629	V50X60	276.050	0.000	ENVOL	8.810	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	30.000	5.169	ENVOL	2.557	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	77.500	2.468	ENVOL	1.272	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	125.000	1.272	ENVOL	1.272	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	172.500	1.272	ENVOL	2.699	C2	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 176 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09)	B3	V40X60	220.000	1.272	ENVOL	3.806	C2	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	267.500	1.272	ENVOL	4.474	C2	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	315.000	1.272	ENVOL	4.698	C2	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	362.500	1.272	ENVOL	4.474	C2	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	410.000	1.272	ENVOL	3.805	C2	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	457.500	1.272	ENVOL	2.698	C2	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	505.000	1.272	ENVOL	1.272	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	552.500	2.464	ENVOL	1.272	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	600.000	5.164	ENVOL	2.555	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	30.000	1.356	ENVOL	0.676	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	77.500	0.748	ENVOL	0.358	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	125.000	0.358	ENVOL	0.358	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	172.500	0.358	ENVOL	0.428	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	220.000	0.358	ENVOL	0.633	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	267.500	0.358	ENVOL	0.807	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	315.000	0.358	ENVOL	0.863	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	362.500	0.358	ENVOL	0.802	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	410.000	0.358	ENVOL	0.672	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	457.500	0.358	ENVOL	0.472	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	505.000	0.358	ENVOL	0.358	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	552.500	0.825	ENVOL	0.358	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	600.000	1.438	ENVOL	0.717	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	30.000	0.531	ENVOL	0.265	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	78.000	0.132	ENVOL	0.511	C2	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	126.000	0.132	ENVOL	0.856	C2	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	174.000	0.132	ENVOL	0.747	C2	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	222.000	0.167	ENVOL	0.185	C2	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	270.000	1.339	ENVOL	0.132	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	270.000	0.167	ENVOL	0.309	C2	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	315.000	0.150	ENVOL	0.163	C2	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	360.000	0.223	ENVOL	0.111	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B6	V40X60	0.000	0.165	ENVOL	0.082	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B6	V40X60	45.000	0.042	ENVOL	0.042	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B6	V40X60	90.000	0.042	ENVOL	0.061	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B6	V40X60	135.000	0.042	ENVOL	0.042	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B6	V40X60	180.000	0.170	ENVOL	0.085	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B7	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.420	ENVOL
SOT1(N-4.09)	B7	V30X60	45.714	0.000	ENVOL	1.125	ENVOL	6.420	ENVOL
SOT1(N-4.09)	B7	V30X60	91.429	0.000	ENVOL	1.883	ENVOL	6.420	ENVOL
SOT1(N-4.09)	B7	V30X60	137.143	0.000	ENVOL	2.264	ENVOL	6.420	ENVOL
SOT1(N-4.09)	B7	V30X60	182.857	0.000	ENVOL	2.264	ENVOL	6.420	ENVOL
SOT1(N-4.09)	B7	V30X60	228.571	0.000	ENVOL	1.883	ENVOL	6.420	ENVOL
SOT1(N-4.09)	B7	V30X60	274.286	0.000	ENVOL	1.125	ENVOL	6.420	ENVOL
SOT1(N-4.09)	B7	V30X60	320.000	0.000	ENVOL	0.000	ENVOL	6.420	ENVOL
SOT1(N-4.09)	B14	V40X60	30.000	0.386	ENVOL	0.193	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	76.667	0.213	ENVOL	0.213	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	123.333	0.213	ENVOL	0.213	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	170.000	0.213	ENVOL	0.257	C2	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	216.667	0.213	ENVOL	0.241	C2	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	263.333	0.213	ENVOL	0.213	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	310.000	0.336	ENVOL	0.213	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	310.000	1.702	ENVOL	0.213	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	354.500	0.213	ENVOL	0.213	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	399.000	0.213	ENVOL	1.045	C2	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	443.500	0.213	ENVOL	1.216	C2	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	488.000	0.213	ENVOL	0.704	C2	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	532.500	0.854	ENVOL	0.426	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B16	V40X60	30.000	0.000	ENVOL	0.000	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	76.667	0.572	ENVOL	6.494	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	123.333	0.572	ENVOL	9.327	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	170.000	0.572	ENVOL	13.301	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	216.667	0.572	ENVOL	16.716	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	263.333	0.572	ENVOL	19.496	ENVOL	8.226	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 177 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09)	B16	V40X60	310.000	0.572	ENVOL	21.567	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	310.000	0.572	ENVOL	20.817	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	358.000	0.572	ENVOL	18.851	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	406.000	0.572	ENVOL	15.428	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	454.000	0.572	ENVOL	10.728	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	502.000	0.572	ENVOL	6.826	C2	8.226	ENVOL
SOT1(N-4.09)	B16	V40X60	550.000	2.305	ENVOL	1.147	ENVOL	8.226	ENVOL
SOT1(N-4.09)	B17	V50X60	30.000	11.173	ENVOL	7.262	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	78.333	7.580	ENVOL	3.588	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	126.667	3.588	ENVOL	3.588	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	175.000	3.588	ENVOL	6.930	C2	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	223.333	3.588	ENVOL	9.207	C2	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	271.667	3.588	ENVOL	10.099	C2	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	320.000	3.588	ENVOL	11.599	C2	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	320.000	3.588	ENVOL	11.567	C2	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	362.500	3.588	ENVOL	10.307	C2	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	405.000	3.588	ENVOL	9.207	C2	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	447.500	3.588	ENVOL	6.944	C2	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	490.000	3.588	ENVOL	3.588	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	532.500	7.524	ENVOL	3.716	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	30.000	0.602	ENVOL	0.301	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	80.000	0.413	ENVOL	0.722	C2	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	130.000	0.413	ENVOL	0.954	C2	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	180.000	0.413	ENVOL	0.432	C2	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	230.000	1.437	ENVOL	0.413	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	230.000	1.583	ENVOL	0.413	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	275.714	0.413	ENVOL	0.413	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	321.429	0.413	ENVOL	0.797	C2	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	367.143	0.413	ENVOL	1.150	C2	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	412.857	0.413	ENVOL	1.141	C2	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	458.571	0.413	ENVOL	0.770	C2	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	504.286	0.563	ENVOL	0.413	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	550.000	1.661	ENVOL	0.828	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	48.462	0.000	ENVOL	2.860	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	96.923	0.000	ENVOL	5.315	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	145.385	0.000	ENVOL	5.524	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	193.846	0.000	ENVOL	6.653	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	242.308	0.000	ENVOL	7.435	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	290.769	0.000	ENVOL	7.830	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	339.231	0.000	ENVOL	7.830	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	387.692	0.000	ENVOL	7.435	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	436.154	0.000	ENVOL	6.653	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	484.615	0.000	ENVOL	5.524	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	533.077	0.000	ENVOL	5.315	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	581.538	0.000	ENVOL	2.860	ENVOL	6.021	C1
SOT1(N-4.09)	B21	V30X60	630.000	0.000	ENVOL	0.000	ENVOL	6.021	C1
SOT1(N-4.09)	B22	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	45.000	0.000	ENVOL	2.404	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	90.000	0.000	ENVOL	4.435	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	135.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	180.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	225.000	0.000	ENVOL	6.042	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	270.000	0.000	ENVOL	6.284	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	270.000	0.000	ENVOL	6.610	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	315.000	0.000	ENVOL	5.598	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	360.000	0.000	ENVOL	5.524	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	405.000	0.000	ENVOL	4.616	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	450.000	0.000	ENVOL	3.121	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	495.000	0.000	ENVOL	1.582	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B34	V50X60	50.000	0.280	ENVOL	0.140	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B34	V50X60	90.000	5.310	ENVOL	5.310	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B34	V50X60	130.000	5.310	ENVOL	5.310	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 178 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1 (N-4.09)	B34	V50X60	130.000	32.673	ENVOL	5.310	ENVOL	9.864	C18
SOT1 (N-4.09)	B34	V50X60	180.000	25.291	ENVOL	5.310	ENVOL	9.864	C18
SOT1 (N-4.09)	B34	V50X60	230.000	18.585	ENVOL	5.310	ENVOL	9.864	C18
SOT1 (N-4.09)	B34	V50X60	280.000	12.424	ENVOL	5.310	ENVOL	9.864	C18
SOT1 (N-4.09)	B34	V50X60	330.000	8.956	ENVOL	5.310	ENVOL	9.864	C18
SOT1 (N-4.09)	B34	V50X60	380.000	5.310	ENVOL	5.310	ENVOL	9.864	C18
SOT1 (N-4.09)	B34	V50X60	430.000	5.310	ENVOL	6.203	C2	9.864	C18
SOT1 (N-4.09)	B34	V50X60	480.000	5.310	ENVOL	9.548	C2	9.864	C18
SOT1 (N-4.09)	B34	V50X60	530.000	5.310	ENVOL	14.558	C2	9.864	C18
SOT1 (N-4.09)	B34	V50X60	580.000	5.310	ENVOL	19.788	ENVOL	9.864	C18
SOT1 (N-4.09)	B34	V50X60	630.000	5.310	ENVOL	25.513	ENVOL	9.864	C18
SOT1 (N-4.09)	B34	V50X60	630.000	5.310	ENVOL	24.794	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	680.000	5.310	ENVOL	21.294	C2	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	730.000	5.310	ENVOL	18.210	C2	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	780.000	5.310	ENVOL	15.101	C2	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	830.000	5.310	ENVOL	11.967	C2	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	880.000	5.310	ENVOL	9.207	C2	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	930.000	5.310	ENVOL	7.516	C2	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	980.000	5.310	ENVOL	5.310	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	1030.000	5.869	ENVOL	5.310	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	1080.000	9.207	ENVOL	5.310	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	1130.000	12.666	ENVOL	5.310	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	1130.000	11.209	ENVOL	5.310	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	1170.000	13.967	ENVOL	5.310	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B34	V50X60	1210.000	16.878	C2	9.207	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B35	V50X60	50.000	1.829	ENVOL	0.912	ENVOL	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	91.000	1.147	ENVOL	1.147	ENVOL	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	132.000	1.147	ENVOL	1.604	C2	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	173.000	1.147	ENVOL	2.678	C2	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	173.000	1.147	ENVOL	2.724	C2	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	208.667	1.147	ENVOL	2.994	C2	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	244.333	1.147	ENVOL	3.192	C2	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	280.000	1.147	ENVOL	3.318	C2	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	280.000	1.147	ENVOL	3.318	C2	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	326.000	1.147	ENVOL	2.256	C2	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	372.000	1.147	ENVOL	1.147	ENVOL	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	418.000	1.297	ENVOL	1.147	ENVOL	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	464.000	2.899	ENVOL	1.147	ENVOL	9.864	ENVOL
SOT1 (N-4.09)	B35	V50X60	510.000	4.638	ENVOL	2.302	ENVOL	9.864	ENVOL
SOT1 (N-4.09)	B47	V60X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B47	V60X60	48.000	0.189	ENVOL	0.222	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B47	V60X60	96.000	0.189	ENVOL	0.266	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B47	V60X60	144.000	0.189	ENVOL	0.189	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B47	V60X60	192.000	0.299	ENVOL	0.189	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B47	V60X60	240.000	0.759	ENVOL	0.379	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B48	V30X60	0.000	0.000	ENVOL	0.000	ENVOL	6.799	ENVOL
SOT1 (N-4.09)	B48	V30X60	48.000	2.210	ENVOL	2.210	ENVOL	6.799	ENVOL
SOT1 (N-4.09)	B48	V30X60	96.000	2.823	ENVOL	2.210	ENVOL	6.799	ENVOL
SOT1 (N-4.09)	B48	V30X60	144.000	4.642	ENVOL	2.210	ENVOL	6.799	ENVOL
SOT1 (N-4.09)	B48	V30X60	192.000	5.524	ENVOL	2.210	ENVOL	6.799	ENVOL
SOT1 (N-4.09)	B48	V30X60	240.000	6.889	ENVOL	4.474	ENVOL	6.799	ENVOL
SOT1 (N-4.09)	B49	V50X60	17.500	0.714	ENVOL	0.731	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B49	V50X60	55.125	1.292	ENVOL	1.292	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B49	V50X60	92.750	1.292	ENVOL	1.292	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B49	V50X60	130.375	1.492	ENVOL	1.292	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B49	V50X60	168.000	2.254	ENVOL	1.292	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B49	V50X60	168.000	2.274	ENVOL	1.292	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B49	V50X60	204.000	3.596	ENVOL	1.292	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B49	V50X60	240.000	5.236	ENVOL	2.596	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B52	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B52	V20X60	34.000	0.000	ENVOL	0.739	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B52	V20X60	68.000	0.000	ENVOL	1.282	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B52	V20X60	102.000	0.000	ENVOL	1.624	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B52	V20X60	102.000	0.000	ENVOL	1.604	ENVOL	0.000	ENVOL



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 179 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1 (N-4.09)	B52	V20X60	144.000	0.000	ENVOL	1.415	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B52	V20X60	186.000	0.000	ENVOL	1.083	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B52	V20X60	228.000	0.000	ENVOL	0.610	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B52	V20X60	270.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B53	V50X60	30.000	0.556	ENVOL	0.278	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B53	V50X60	77.500	0.139	ENVOL	0.272	C2	0.000	ENVOL
SOT1 (N-4.09)	B53	V50X60	125.000	0.139	ENVOL	0.458	C2	0.000	ENVOL
SOT1 (N-4.09)	B53	V50X60	172.500	0.139	ENVOL	0.239	C2	0.000	ENVOL
SOT1 (N-4.09)	B53	V50X60	220.000	0.720	ENVOL	0.139	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B53	V50X60	220.000	0.139	ENVOL	0.504	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B53	V50X60	270.000	0.063	ENVOL	0.548	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B55	V20X60	0.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B55	V20X60	43.250	0.000	ENVOL	0.316	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B55	V20X60	86.500	0.000	ENVOL	0.422	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B55	V20X60	129.750	0.000	ENVOL	0.316	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B55	V20X60	173.000	0.000	ENVOL	0.000	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B66	V60X60	30.000	0.000	ENVOL	0.000	ENVOL	11.334	ENVOL
SOT1 (N-4.09)	B66	V60X60	65.000	0.295	ENVOL	0.168	ENVOL	11.334	ENVOL
SOT1 (N-4.09)	B66	V60X60	100.000	0.672	ENVOL	0.336	ENVOL	11.334	ENVOL
SOT1 (N-4.09)	B67	V60X60	30.000	0.789	ENVOL	0.394	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	77.667	0.552	ENVOL	0.197	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	125.333	0.468	ENVOL	0.197	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	173.000	0.540	ENVOL	0.197	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	173.000	0.298	ENVOL	0.197	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	208.667	0.197	ENVOL	0.197	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	244.333	0.197	ENVOL	0.197	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	280.000	0.208	ENVOL	0.197	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	280.000	0.204	ENVOL	0.197	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	326.667	0.197	ENVOL	0.342	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	373.333	0.197	ENVOL	0.446	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B67	V60X60	420.000	0.145	ENVOL	0.405	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B70	V60X60	0.000	0.221	ENVOL	0.110	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B70	V60X60	40.000	0.055	ENVOL	0.055	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B70	V60X60	80.000	0.055	ENVOL	0.067	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B70	V60X60	120.000	0.052	ENVOL	0.033	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	30.000	5.344	ENVOL	2.653	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	79.474	3.595	ENVOL	1.337	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	128.947	2.054	ENVOL	1.337	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	178.421	1.337	ENVOL	1.337	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	227.895	1.337	ENVOL	1.337	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	277.368	1.337	ENVOL	1.375	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	326.842	1.337	ENVOL	2.140	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	376.316	1.337	ENVOL	2.715	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	425.789	1.337	ENVOL	3.098	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	475.263	1.337	ENVOL	3.288	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	524.737	1.337	ENVOL	3.285	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	574.211	1.337	ENVOL	3.088	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	623.684	1.337	ENVOL	2.699	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	673.158	1.337	ENVOL	2.118	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	722.632	1.337	ENVOL	1.347	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	772.105	1.337	ENVOL	1.337	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	821.579	1.337	ENVOL	1.337	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	871.053	2.101	ENVOL	1.337	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	920.526	3.649	ENVOL	1.337	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B269	V60X60	970.000	5.406	ENVOL	2.683	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B618	V60X60	30.000	1.142	ENVOL	0.570	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B618	V60X60	77.222	0.489	ENVOL	0.285	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B618	V60X60	124.444	0.285	ENVOL	0.285	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B618	V60X60	171.667	0.285	ENVOL	0.517	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B618	V60X60	218.889	0.285	ENVOL	0.707	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B618	V60X60	266.111	0.285	ENVOL	0.723	ENVOL	0.000	ENVOL
SOT1 (N-4.09)	B618	V60X60	313.333	0.285	ENVOL	0.565	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 180 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


SOT1(N-4.09)	B618	V60X60	360.556	0.285	ENVOL	0.298	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	407.778	0.297	ENVOL	0.285	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	455.000	0.949	ENVOL	0.474	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	30.000	1.155	ENVOL	0.576	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	77.222	0.496	ENVOL	0.288	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	124.444	0.288	ENVOL	0.288	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	171.667	0.288	ENVOL	0.524	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	218.889	0.288	ENVOL	0.716	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	266.111	0.288	ENVOL	0.734	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	313.333	0.288	ENVOL	0.578	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	360.556	0.288	ENVOL	0.323	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	407.778	0.288	ENVOL	0.288	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	455.000	0.929	ENVOL	0.464	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	30.000	3.036	ENVOL	1.512	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	77.333	1.797	ENVOL	0.754	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	124.667	0.754	ENVOL	0.754	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	172.000	0.754	ENVOL	0.754	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	219.333	0.754	ENVOL	0.839	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	266.667	0.754	ENVOL	1.368	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	314.000	0.754	ENVOL	1.724	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	361.333	0.754	ENVOL	1.905	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	408.667	0.754	ENVOL	1.910	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	456.000	0.754	ENVOL	1.739	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	503.333	0.754	ENVOL	1.393	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	550.667	0.754	ENVOL	0.872	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	598.000	0.754	ENVOL	0.754	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	645.333	0.754	ENVOL	0.754	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	692.667	1.734	ENVOL	0.754	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	740.000	2.963	ENVOL	1.475	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	30.000	3.043	ENVOL	1.515	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	77.333	1.804	ENVOL	0.756	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	124.667	0.756	ENVOL	0.756	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	172.000	0.756	ENVOL	0.756	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	219.333	0.756	ENVOL	0.834	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	266.667	0.756	ENVOL	1.364	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	314.000	0.756	ENVOL	1.721	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	361.333	0.756	ENVOL	1.902	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	408.667	0.756	ENVOL	1.908	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	456.000	0.756	ENVOL	1.737	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	503.333	0.756	ENVOL	1.392	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	550.667	0.756	ENVOL	0.872	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	598.000	0.756	ENVOL	0.756	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	645.333	0.756	ENVOL	0.756	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	692.667	1.732	ENVOL	0.756	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	740.000	2.960	ENVOL	1.474	ENVOL	0.000	ENVOL

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C O N C R E T E B E A M D E S I G N O U T P U T (ACI 318-08/IBC 2009)


TORSION AND SHEAR DESIGN OF BEAM-TYPE ELEMENTS

STORY ID	BEAM BAY	SECTION ID	STATION ID	<-----REQUIRED REINFORCING----->			
				TORSION	COMBO	SHEAR	COMBO
CB3(N+20.57)	B32	V35X60	30.000	0.000	ENVOL	0.055	C18
CB3(N+20.57)	B32	V35X60	80.000	0.000	ENVOL	0.054	C18
CB3(N+20.57)	B32	V35X60	130.000	0.000	ENVOL	0.052	C18
CB3(N+20.57)	B32	V35X60	180.000	0.000	ENVOL	0.050	C18
CB3(N+20.57)	B32	V35X60	180.000	0.000	ENVOL	0.035	ENVOL
CB3(N+20.57)	B32	V35X60	225.000	0.000	ENVOL	0.034	ENVOL
CB3(N+20.57)	B32	V35X60	270.000	0.000	ENVOL	0.032	ENVOL
CB3(N+20.57)	B32	V35X60	315.000	0.000	ENVOL	0.033	C18
CB3(N+20.57)	B32	V35X60	360.000	0.000	ENVOL	0.035	C18
CB3(N+20.57)	B32	V35X60	360.000	0.000	ENVOL	0.051	C18


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 181 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	B32	V35X60	403.333	0.000	ENVOL	0.052	C18
CB3(N+20.57)	B32	V35X60	446.667	0.000	ENVOL	0.054	C18
CB3(N+20.57)	B32	V35X60	490.000	0.000	ENVOL	0.055	C18
CB3(N+20.57)	B33	V35X60	30.000	0.010	ENVOL	0.087	ENVOL
CB3(N+20.57)	B33	V35X60	76.438	0.010	ENVOL	0.081	ENVOL
CB3(N+20.57)	B33	V35X60	122.875	0.010	ENVOL	0.076	ENVOL
CB3(N+20.57)	B33	V35X60	169.313	0.010	ENVOL	0.070	C18
CB3(N+20.57)	B33	V35X60	215.750	0.010	ENVOL	0.065	C18
CB3(N+20.57)	B33	V35X60	262.188	0.010	ENVOL	0.060	C18
CB3(N+20.57)	B33	V35X60	308.625	0.010	ENVOL	0.056	C18
CB3(N+20.57)	B33	V35X60	355.063	0.010	ENVOL	0.051	C18
CB3(N+20.57)	B33	V35X60	401.500	0.010	ENVOL	0.054	ENVOL
CB3(N+20.57)	B33	V35X60	401.500	0.010	ENVOL	0.067	C18
CB3(N+20.57)	B33	V35X60	445.750	0.010	ENVOL	0.072	ENVOL
CB3(N+20.57)	B33	V35X60	490.000	0.010	ENVOL	0.077	ENVOL
CB3(N+20.57)	B35	V35X60	50.000	0.000	ENVOL	0.059	C18
CB3(N+20.57)	B35	V35X60	93.333	0.000	ENVOL	0.053	C18
CB3(N+20.57)	B35	V35X60	136.667	0.000	ENVOL	0.048	C18
CB3(N+20.57)	B35	V35X60	180.000	0.000	ENVOL	0.043	C18
CB3(N+20.57)	B35	V35X60	180.000	0.000	ENVOL	0.043	C18
CB3(N+20.57)	B35	V35X60	225.000	0.000	ENVOL	0.038	ENVOL
CB3(N+20.57)	B35	V35X60	270.000	0.000	ENVOL	0.042	ENVOL
CB3(N+20.57)	B35	V35X60	315.000	0.000	ENVOL	0.048	C18
CB3(N+20.57)	B35	V35X60	360.000	0.000	ENVOL	0.053	C18
CB3(N+20.57)	B35	V35X60	360.000	0.000	ENVOL	0.053	C18
CB3(N+20.57)	B35	V35X60	410.000	0.000	ENVOL	0.060	C18
CB3(N+20.57)	B35	V35X60	460.000	0.000	ENVOL	0.066	C18
CB3(N+20.57)	B35	V35X60	510.000	0.000	ENVOL	0.072	C18
CB3(N+20.57)	B36	V35X60	50.000	0.010	ENVOL	0.076	ENVOL
CB3(N+20.57)	B36	V35X60	96.000	0.010	ENVOL	0.070	ENVOL
CB3(N+20.57)	B36	V35X60	142.000	0.010	ENVOL	0.063	ENVOL
CB3(N+20.57)	B36	V35X60	188.000	0.010	ENVOL	0.056	ENVOL
CB3(N+20.57)	B36	V35X60	234.000	0.010	ENVOL	0.053	C18
CB3(N+20.57)	B36	V35X60	280.000	0.010	ENVOL	0.059	ENVOL
CB3(N+20.57)	B36	V35X60	280.000	0.010	ENVOL	0.064	C18
CB3(N+20.57)	B36	V35X60	326.000	0.010	ENVOL	0.071	C18
CB3(N+20.57)	B36	V35X60	372.000	0.010	ENVOL	0.078	C18
CB3(N+20.57)	B36	V35X60	418.000	0.010	ENVOL	0.085	C18
CB3(N+20.57)	B36	V35X60	464.000	0.010	ENVOL	0.092	C18
CB3(N+20.57)	B36	V35X60	510.000	0.010	ENVOL	0.099	C18
CB3(N+20.57)	B42	V60X60	30.000	0.000	ENVOL	0.164	ENVOL
CB3(N+20.57)	B42	V60X60	78.000	0.000	ENVOL	0.169	ENVOL
CB3(N+20.57)	B42	V60X60	126.000	0.000	ENVOL	0.174	ENVOL
CB3(N+20.57)	B42	V60X60	174.000	0.000	ENVOL	0.180	C18
CB3(N+20.57)	B42	V60X60	222.000	0.000	ENVOL	0.186	C18
CB3(N+20.57)	B42	V60X60	270.000	0.000	ENVOL	0.192	C18
CB3(N+20.57)	B43	V60X60	30.000	0.000	ENVOL	0.186	C18
CB3(N+20.57)	B43	V60X60	78.000	0.000	ENVOL	0.176	C18
CB3(N+20.57)	B43	V60X60	126.000	0.000	ENVOL	0.183	ENVOL
CB3(N+20.57)	B43	V60X60	174.000	0.000	ENVOL	0.193	ENVOL
CB3(N+20.57)	B43	V60X60	222.000	0.000	ENVOL	0.203	ENVOL
CB3(N+20.57)	B43	V60X60	270.000	0.000	ENVOL	0.213	ENVOL
CB3(N+20.57)	B53	V60X60	30.000	0.000	ENVOL	0.127	C18
CB3(N+20.57)	B53	V60X60	78.000	0.000	ENVOL	0.126	ENVOL
CB3(N+20.57)	B53	V60X60	126.000	0.000	ENVOL	0.129	ENVOL
CB3(N+20.57)	B53	V60X60	174.000	0.000	ENVOL	0.133	ENVOL
CB3(N+20.57)	B53	V60X60	222.000	0.000	ENVOL	0.136	ENVOL
CB3(N+20.57)	B53	V60X60	270.000	0.000	ENVOL	0.139	ENVOL
CB3(N+20.57)	B54	V60X60	30.000	0.000	ENVOL	0.169	C18
CB3(N+20.57)	B54	V60X60	77.500	0.000	ENVOL	0.163	C18
CB3(N+20.57)	B54	V60X60	125.000	0.000	ENVOL	0.161	ENVOL
CB3(N+20.57)	B54	V60X60	172.500	0.000	ENVOL	0.168	ENVOL



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 182 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB3(N+20.57)	B54	V60X60	220.000	0.000	ENVOL	0.175	ENVOL
CB3(N+20.57)	B54	V60X60	220.000	0.000	ENVOL	0.181	ENVOL
CB3(N+20.57)	B54	V60X60	270.000	0.000	ENVOL	0.188	ENVOL
CB3(N+20.57)	B59	V60X60	0.000	0.018	C14	0.000	ENVOL
CB3(N+20.57)	B59	V60X60	40.000	0.018	C14	0.000	ENVOL
CB3(N+20.57)	B59	V60X60	80.000	0.018	C14	0.000	ENVOL
CB3(N+20.57)	B59	V60X60	120.000	0.018	C14	0.000	ENVOL
CB3(N+20.57)	B60	V60X60	0.000	0.000	ENVOL	0.010	C18
CB3(N+20.57)	B60	V60X60	40.000	0.000	ENVOL	0.010	C18
CB3(N+20.57)	B60	V60X60	80.000	0.000	ENVOL	0.010	C18
CB3(N+20.57)	B60	V60X60	120.000	0.000	ENVOL	0.010	C18
CB3(N+20.57)	B70	V60X60	0.000	0.011	ENVOL	0.000	C18
CB3(N+20.57)	B70	V60X60	30.000	0.011	ENVOL	0.000	C18
CB3(N+20.57)	B70	V60X60	60.000	0.011	ENVOL	0.000	C18
CB3(N+20.57)	B70	V60X60	60.000	0.011	ENVOL	0.000	ENVOL
CB3(N+20.57)	B70	V60X60	90.000	0.011	ENVOL	0.000	ENVOL
CB3(N+20.57)	B70	V60X60	120.000	0.011	ENVOL	0.000	ENVOL
CB3(N+20.57)	B71	V60X60	0.000	0.000	ENVOL	0.046	C18
CB3(N+20.57)	B71	V60X60	40.000	0.000	ENVOL	0.046	C18
CB3(N+20.57)	B71	V60X60	80.000	0.000	ENVOL	0.046	C18
CB3(N+20.57)	B71	V60X60	120.000	0.000	ENVOL	0.046	C18
CB3(N+20.57)	B73	V60X60	0.000	0.020	ENVOL	0.030	ENVOL
CB3(N+20.57)	B73	V60X60	42.500	0.020	ENVOL	0.027	ENVOL
CB3(N+20.57)	B73	V60X60	85.000	0.020	ENVOL	0.026	C18
CB3(N+20.57)	B73	V60X60	127.500	0.020	ENVOL	0.028	ENVOL
CB3(N+20.57)	B73	V60X60	170.000	0.020	ENVOL	0.031	ENVOL
CB3(N+20.57)	B73	V60X60	170.000	0.020	ENVOL	0.025	ENVOL
CB3(N+20.57)	B73	V60X60	180.000	0.020	ENVOL	0.025	ENVOL
CB3(N+20.57)	B74	V60X60	0.000	0.013	ENVOL	0.003	ENVOL
CB3(N+20.57)	B74	V60X60	45.000	0.013	ENVOL	0.000	ENVOL
CB3(N+20.57)	B74	V60X60	90.000	0.013	ENVOL	0.000	ENVOL
CB3(N+20.57)	B74	V60X60	135.000	0.013	ENVOL	0.000	ENVOL
CB3(N+20.57)	B74	V60X60	180.000	0.013	ENVOL	0.006	ENVOL
CB3(N+20.57)	B75	V60X60	0.000	0.012	ENVOL	0.028	ENVOL
CB3(N+20.57)	B75	V60X60	42.500	0.012	ENVOL	0.025	ENVOL
CB3(N+20.57)	B75	V60X60	85.000	0.012	ENVOL	0.026	C18
CB3(N+20.57)	B75	V60X60	127.500	0.012	ENVOL	0.029	ENVOL
CB3(N+20.57)	B75	V60X60	170.000	0.012	ENVOL	0.032	ENVOL
CB3(N+20.57)	B75	V60X60	170.000	0.012	ENVOL	0.024	ENVOL
CB3(N+20.57)	B75	V60X60	180.000	0.012	ENVOL	0.024	ENVOL
CB3(N+20.57)	B76	V60X60	0.000	0.000	ENVOL	0.003	ENVOL
CB3(N+20.57)	B76	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B76	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B76	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B76	V60X60	180.000	0.000	ENVOL	0.006	ENVOL
CB3(N+20.57)	B157	V60X60	0.000	0.015	ENVOL	0.003	C18
CB3(N+20.57)	B157	V60X60	40.000	0.015	ENVOL	2.650E-04	C18
CB3(N+20.57)	B157	V60X60	80.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	120.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	160.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	160.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	202.500	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	245.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	287.500	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	330.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	330.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	372.500	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	415.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	457.500	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	500.000	0.015	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 183 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB3(N+20.57)	B157	V60X60	500.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	542.500	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	585.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	627.500	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	670.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	670.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	712.500	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	755.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	797.500	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	840.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	840.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	880.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	920.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	960.000	0.015	ENVOL	0.000	ENVOL
CB3(N+20.57)	B157	V60X60	1000.000	0.015	ENVOL	9.858E-04	C18

CB3(N+20.57)	B158	V60X60	0.000	0.007	ENVOL	0.057	ENVOL
CB3(N+20.57)	B158	V60X60	50.000	0.007	ENVOL	0.049	ENVOL
CB3(N+20.57)	B158	V60X60	100.000	0.007	ENVOL	0.041	ENVOL
CB3(N+20.57)	B158	V60X60	150.000	0.007	ENVOL	0.033	ENVOL
CB3(N+20.57)	B158	V60X60	200.000	0.007	ENVOL	0.025	ENVOL
CB3(N+20.57)	B158	V60X60	250.000	0.007	ENVOL	0.017	ENVOL
CB3(N+20.57)	B158	V60X60	300.000	0.007	ENVOL	0.009	ENVOL
CB3(N+20.57)	B158	V60X60	350.000	0.007	ENVOL	4.439E-04	ENVOL
CB3(N+20.57)	B158	V60X60	400.000	0.007	ENVOL	0.000	ENVOL
CB3(N+20.57)	B158	V60X60	450.000	0.007	ENVOL	0.000	ENVOL
CB3(N+20.57)	B158	V60X60	500.000	0.007	ENVOL	0.000	ENVOL
CB3(N+20.57)	B158	V60X60	550.000	0.007	ENVOL	0.000	ENVOL
CB3(N+20.57)	B158	V60X60	600.000	0.007	ENVOL	0.000	ENVOL
CB3(N+20.57)	B158	V60X60	650.000	0.007	ENVOL	0.002	ENVOL
CB3(N+20.57)	B158	V60X60	700.000	0.007	ENVOL	0.006	ENVOL
CB3(N+20.57)	B158	V60X60	750.000	0.007	ENVOL	0.014	ENVOL
CB3(N+20.57)	B158	V60X60	800.000	0.007	ENVOL	0.022	ENVOL
CB3(N+20.57)	B158	V60X60	850.000	0.007	ENVOL	0.030	ENVOL
CB3(N+20.57)	B158	V60X60	900.000	0.007	ENVOL	0.038	ENVOL
CB3(N+20.57)	B158	V60X60	950.000	0.007	ENVOL	0.046	ENVOL
CB3(N+20.57)	B158	V60X60	1000.000	0.007	ENVOL	0.054	ENVOL


CB3(N+20.57)	B188	V60X60	0.000	0.000	ENVOL	0.033	C14
CB3(N+20.57)	B188	V60X60	40.000	0.000	ENVOL	0.030	C14
CB3(N+20.57)	B188	V60X60	80.000	0.000	ENVOL	0.027	C14
CB3(N+20.57)	B188	V60X60	120.000	0.000	ENVOL	0.024	C14
CB3(N+20.57)	B188	V60X60	160.000	0.000	ENVOL	0.021	C14
CB3(N+20.57)	B188	V60X60	160.000	0.000	ENVOL	0.017	C14
CB3(N+20.57)	B188	V60X60	202.500	0.000	ENVOL	0.014	C14
CB3(N+20.57)	B188	V60X60	245.000	0.000	ENVOL	0.010	C14
CB3(N+20.57)	B188	V60X60	287.500	0.000	ENVOL	0.007	C14
CB3(N+20.57)	B188	V60X60	330.000	0.000	ENVOL	0.004	C14
CB3(N+20.57)	B188	V60X60	330.000	0.000	ENVOL	0.005	ENVOL
CB3(N+20.57)	B188	V60X60	372.500	0.000	ENVOL	0.009	ENVOL
CB3(N+20.57)	B188	V60X60	415.000	0.000	ENVOL	0.012	ENVOL
CB3(N+20.57)	B188	V60X60	457.500	0.000	ENVOL	0.015	ENVOL
CB3(N+20.57)	B188	V60X60	500.000	0.000	ENVOL	0.027	ENVOL
CB3(N+20.57)	B188	V60X60	500.000	0.000	ENVOL	0.023	ENVOL
CB3(N+20.57)	B188	V60X60	542.500	0.000	ENVOL	0.020	ENVOL
CB3(N+20.57)	B188	V60X60	585.000	0.000	ENVOL	0.016	ENVOL
CB3(N+20.57)	B188	V60X60	627.500	0.000	ENVOL	0.013	C18
CB3(N+20.57)	B188	V60X60	670.000	0.000	ENVOL	0.010	ENVOL
CB3(N+20.57)	B188	V60X60	670.000	0.000	ENVOL	0.006	ENVOL
CB3(N+20.57)	B188	V60X60	712.500	0.000	ENVOL	0.003	C18
CB3(N+20.57)	B188	V60X60	755.000	0.000	ENVOL	0.006	C14
CB3(N+20.57)	B188	V60X60	797.500	0.000	ENVOL	0.009	C14
CB3(N+20.57)	B188	V60X60	840.000	0.000	ENVOL	0.012	C14
CB3(N+20.57)	B188	V60X60	840.000	0.000	ENVOL	0.016	C14
CB3(N+20.57)	B188	V60X60	880.000	0.000	ENVOL	0.019	C14
CB3(N+20.57)	B188	V60X60	920.000	0.000	ENVOL	0.022	C14
CB3(N+20.57)	B188	V60X60	960.000	0.000	ENVOL	0.025	C14
CB3(N+20.57)	B188	V60X60	1000.000	0.000	ENVOL	0.028	C14

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 184 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB3(N+20.57)	B189	V60X60	0.000	0.009	ENVOL	0.058	ENVOL
CB3(N+20.57)	B189	V60X60	50.000	0.009	ENVOL	0.050	ENVOL
CB3(N+20.57)	B189	V60X60	100.000	0.009	ENVOL	0.042	ENVOL
CB3(N+20.57)	B189	V60X60	150.000	0.009	ENVOL	0.034	ENVOL
CB3(N+20.57)	B189	V60X60	200.000	0.009	ENVOL	0.026	ENVOL
CB3(N+20.57)	B189	V60X60	250.000	0.009	ENVOL	0.018	ENVOL
CB3(N+20.57)	B189	V60X60	300.000	0.009	ENVOL	0.010	ENVOL
CB3(N+20.57)	B189	V60X60	350.000	0.009	ENVOL	0.000	ENVOL
CB3(N+20.57)	B189	V60X60	400.000	0.009	ENVOL	0.000	ENVOL
CB3(N+20.57)	B189	V60X60	450.000	0.009	ENVOL	0.000	ENVOL
CB3(N+20.57)	B189	V60X60	500.000	0.009	ENVOL	0.000	ENVOL
CB3(N+20.57)	B189	V60X60	550.000	0.009	ENVOL	0.000	ENVOL
CB3(N+20.57)	B189	V60X60	600.000	0.009	ENVOL	0.000	ENVOL
CB3(N+20.57)	B189	V60X60	650.000	0.009	ENVOL	0.000	ENVOL
CB3(N+20.57)	B189	V60X60	700.000	0.009	ENVOL	0.006	ENVOL
CB3(N+20.57)	B189	V60X60	750.000	0.009	ENVOL	0.014	ENVOL
CB3(N+20.57)	B189	V60X60	800.000	0.009	ENVOL	0.022	ENVOL
CB3(N+20.57)	B189	V60X60	850.000	0.009	ENVOL	0.030	ENVOL
CB3(N+20.57)	B189	V60X60	900.000	0.009	ENVOL	0.038	ENVOL
CB3(N+20.57)	B189	V60X60	950.000	0.009	ENVOL	0.046	ENVOL
CB3(N+20.57)	B189	V60X60	1000.000	0.009	ENVOL	0.054	ENVOL
CB3(N+20.57)	B270	V60X60	0.000	0.021	ENVOL	0.019	ENVOL
CB3(N+20.57)	B270	V60X60	10.000	0.021	ENVOL	0.019	ENVOL
CB3(N+20.57)	B270	V60X60	10.000	0.021	C14	0.029	ENVOL
CB3(N+20.57)	B270	V60X60	52.500	0.021	C14	0.026	C18
CB3(N+20.57)	B270	V60X60	95.000	0.021	C14	0.024	C18
CB3(N+20.57)	B270	V60X60	137.500	0.021	C14	0.021	C18
CB3(N+20.57)	B270	V60X60	180.000	0.021	C14	0.021	ENVOL
CB3(N+20.57)	B271	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B271	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B271	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B271	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B271	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B272	V60X60	0.000	0.019	ENVOL	0.014	ENVOL
CB3(N+20.57)	B272	V60X60	10.000	0.019	ENVOL	0.014	ENVOL
CB3(N+20.57)	B272	V60X60	10.000	0.019	ENVOL	0.022	ENVOL
CB3(N+20.57)	B272	V60X60	52.500	0.019	ENVOL	0.020	ENVOL
CB3(N+20.57)	B272	V60X60	95.000	0.019	ENVOL	0.017	ENVOL
CB3(N+20.57)	B272	V60X60	137.500	0.019	ENVOL	0.014	ENVOL
CB3(N+20.57)	B272	V60X60	180.000	0.019	ENVOL	0.017	ENVOL
CB3(N+20.57)	B273	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B273	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B273	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B273	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B273	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
CB3(N+20.57)	B274	V60X60	0.000	0.025	ENVOL	0.038	ENVOL
CB3(N+20.57)	B274	V60X60	40.000	0.025	ENVOL	0.039	C18
CB3(N+20.57)	B274	V60X60	80.000	0.025	ENVOL	0.044	C18
CB3(N+20.57)	B274	V60X60	120.000	0.025	ENVOL	0.049	C18
CB3(N+20.57)	B275	V60X60	0.000	0.015	ENVOL	0.014	ENVOL
CB3(N+20.57)	B275	V60X60	40.000	0.015	ENVOL	0.010	ENVOL
CB3(N+20.57)	B275	V60X60	80.000	0.015	ENVOL	0.012	ENVOL
CB3(N+20.57)	B275	V60X60	120.000	0.015	ENVOL	0.015	ENVOL
CB3(N+20.57)	B276	V60X60	0.000	0.014	ENVOL	0.000	C18
CB3(N+20.57)	B276	V60X60	43.333	0.014	ENVOL	0.000	C18
CB3(N+20.57)	B276	V60X60	86.667	0.014	ENVOL	0.000	C18
CB3(N+20.57)	B276	V60X60	130.000	0.014	ENVOL	0.000	C18
CB3(N+20.57)	B276	V60X60	130.000	0.014	ENVOL	0.000	C18
CB3(N+20.57)	B276	V60X60	171.500	0.014	ENVOL	0.000	C18
CB3(N+20.57)	B276	V60X60	213.000	0.014	ENVOL	0.000	C18
CB3(N+20.57)	B276	V60X60	213.000	0.014	ENVOL	0.000	C18
CB3(N+20.57)	B276	V60X60	230.000	0.014	ENVOL	0.000	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 185 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	B286	V60X60	60.000	0.014	ENVOL	0.000	ENVOL
CB3(N+20.57)	B286	V60X60	106.000	0.014	ENVOL	0.000	ENVOL
CB3(N+20.57)	B286	V60X60	152.000	0.014	ENVOL	0.000	ENVOL
CB3(N+20.57)	B286	V60X60	198.000	0.014	ENVOL	0.000	ENVOL
CB3(N+20.57)	B286	V60X60	244.000	0.014	ENVOL	0.000	ENVOL
CB3(N+20.57)	B286	V60X60	290.000	0.014	ENVOL	0.000	ENVOL
CB3(N+20.57)	B287	V60X60	60.000	0.000	ENVOL	0.311	C18
CB3(N+20.57)	B287	V60X60	103.333	0.000	ENVOL	0.316	C18
CB3(N+20.57)	B287	V60X60	146.667	0.000	ENVOL	0.321	C18
CB3(N+20.57)	B287	V60X60	190.000	0.000	ENVOL	0.326	C18
CB3(N+20.57)	B287	V60X60	190.000	0.000	ENVOL	0.380	C18
CB3(N+20.57)	B287	V60X60	240.000	0.000	ENVOL	0.384	C18
CB3(N+20.57)	B287	V60X60	290.000	0.000	ENVOL	0.388	C18
CB3(N+20.57)	B288	V60X60	0.000	0.021	ENVOL	0.028	C18
CB3(N+20.57)	B288	V60X60	30.000	0.021	ENVOL	0.024	C18
CB3(N+20.57)	B288	V60X60	60.000	0.021	ENVOL	0.027	C18
CB3(N+20.57)	B288	V60X60	60.000	0.021	ENVOL	0.028	C18
CB3(N+20.57)	B288	V60X60	90.000	0.021	ENVOL	0.024	C18
CB3(N+20.57)	B288	V60X60	120.000	0.021	ENVOL	0.027	C18
CB3(N+20.57)	B289	V60X60	0.000	0.013	ENVOL	0.015	ENVOL
CB3(N+20.57)	B289	V60X60	40.000	0.013	ENVOL	0.011	ENVOL
CB3(N+20.57)	B289	V60X60	80.000	0.013	ENVOL	0.010	ENVOL
CB3(N+20.57)	B289	V60X60	120.000	0.013	ENVOL	0.014	ENVOL
CB2(N+14.60)	B32	V35X60	30.000	0.000	ENVOL	0.122	C18
CB2(N+14.60)	B32	V35X60	76.250	0.000	ENVOL	0.117	C18
CB2(N+14.60)	B32	V35X60	122.500	0.000	ENVOL	0.112	C18
CB2(N+14.60)	B32	V35X60	168.750	0.000	ENVOL	0.108	C18
CB2(N+14.60)	B32	V35X60	215.000	0.000	ENVOL	0.103	C18
CB2(N+14.60)	B32	V35X60	261.250	0.000	ENVOL	0.098	C18
CB2(N+14.60)	B32	V35X60	307.500	0.000	ENVOL	0.093	C18
CB2(N+14.60)	B32	V35X60	353.750	0.000	ENVOL	0.088	C18
CB2(N+14.60)	B32	V35X60	400.000	0.000	ENVOL	0.084	C18
CB2(N+14.60)	B32	V35X60	400.000	0.000	ENVOL	0.086	C18
CB2(N+14.60)	B32	V35X60	445.000	0.000	ENVOL	0.090	ENVOL
CB2(N+14.60)	B32	V35X60	490.000	0.000	ENVOL	0.096	ENVOL
CB2(N+14.60)	B35	V35X60	50.000	0.000	ENVOL	0.087	ENVOL
CB2(N+14.60)	B35	V35X60	96.000	0.000	ENVOL	0.080	ENVOL
CB2(N+14.60)	B35	V35X60	142.000	0.000	ENVOL	0.073	ENVOL
CB2(N+14.60)	B35	V35X60	188.000	0.000	ENVOL	0.066	ENVOL
CB2(N+14.60)	B35	V35X60	234.000	0.000	ENVOL	0.066	C18
CB2(N+14.60)	B35	V35X60	280.000	0.000	ENVOL	0.073	C18
CB2(N+14.60)	B35	V35X60	280.000	0.000	ENVOL	0.080	C18
CB2(N+14.60)	B35	V35X60	326.000	0.000	ENVOL	0.088	C18
CB2(N+14.60)	B35	V35X60	372.000	0.000	ENVOL	0.096	C18
CB2(N+14.60)	B35	V35X60	418.000	0.000	ENVOL	0.105	C18
CB2(N+14.60)	B35	V35X60	464.000	0.000	ENVOL	0.113	C18
CB2(N+14.60)	B35	V35X60	510.000	0.000	ENVOL	0.121	C18
CB2(N+14.60)	B42	V60X60	30.000	0.018	ENVOL	0.176	C18
CB2(N+14.60)	B42	V60X60	78.000	0.018	ENVOL	0.163	C18
CB2(N+14.60)	B42	V60X60	126.000	0.018	ENVOL	0.152	ENVOL
CB2(N+14.60)	B42	V60X60	174.000	0.018	ENVOL	0.163	ENVOL
CB2(N+14.60)	B42	V60X60	222.000	0.018	ENVOL	0.175	ENVOL
CB2(N+14.60)	B42	V60X60	270.000	0.018	ENVOL	0.186	ENVOL
CB2(N+14.60)	B53	V60X60	30.000	0.000	ENVOL	0.156	C18
CB2(N+14.60)	B53	V60X60	77.500	0.000	ENVOL	0.150	C18
CB2(N+14.60)	B53	V60X60	125.000	0.000	ENVOL	0.156	ENVOL
CB2(N+14.60)	B53	V60X60	172.500	0.000	ENVOL	0.163	ENVOL
CB2(N+14.60)	B53	V60X60	220.000	0.000	ENVOL	0.170	ENVOL
CB2(N+14.60)	B53	V60X60	220.000	0.010	C18	0.178	ENVOL
CB2(N+14.60)	B53	V60X60	270.000	0.010	C18	0.186	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 186 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B59	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B59	V60X60	40.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B59	V60X60	80.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B59	V60X60	120.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B73	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B73	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B73	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B73	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B73	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B75	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B75	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B75	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B75	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B75	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	0.000	0.007	ENVOL	0.061	ENVOL
CB2(N+14.60)	B157	V60X60	50.000	0.007	ENVOL	0.053	ENVOL
CB2(N+14.60)	B157	V60X60	100.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	150.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	200.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	250.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	300.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	350.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	400.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	450.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	500.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	550.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	600.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	650.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	700.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	750.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	800.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	850.000	0.007	ENVOL	0.000	ENVOL
CB2(N+14.60)	B157	V60X60	900.000	0.007	ENVOL	0.044	ENVOL
CB2(N+14.60)	B157	V60X60	950.000	0.007	ENVOL	0.052	ENVOL
CB2(N+14.60)	B157	V60X60	1000.000	0.007	ENVOL	0.060	ENVOL
CB2(N+14.60)	B188	V60X60	0.000	0.004	ENVOL	0.062	ENVOL
CB2(N+14.60)	B188	V60X60	50.000	0.004	ENVOL	0.054	ENVOL
CB2(N+14.60)	B188	V60X60	100.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	150.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	200.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	250.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	300.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	350.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	400.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	450.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	500.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	550.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	600.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	650.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	700.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	750.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	800.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	850.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	900.000	0.004	ENVOL	0.000	ENVOL
CB2(N+14.60)	B188	V60X60	950.000	0.004	ENVOL	0.053	ENVOL
CB2(N+14.60)	B188	V60X60	1000.000	0.004	ENVOL	0.061	ENVOL
CB2(N+14.60)	B270	V60X60	0.000	0.000	ENVOL	0.012	C18
CB2(N+14.60)	B270	V60X60	45.000	0.000	ENVOL	0.010	C18
CB2(N+14.60)	B270	V60X60	90.000	0.000	ENVOL	0.007	C18
CB2(N+14.60)	B270	V60X60	135.000	0.000	ENVOL	0.008	C18
CB2(N+14.60)	B270	V60X60	180.000	0.000	ENVOL	0.011	C18
CB2(N+14.60)	B272	V60X60	0.000	0.000	ENVOL	0.012	C18
CB2(N+14.60)	B272	V60X60	45.000	0.000	ENVOL	0.009	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 187 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB2(N+14.60)	B272	V60X60	90.000	0.000	ENVOL	0.007	C18
CB2(N+14.60)	B272	V60X60	135.000	0.000	ENVOL	0.008	C18
CB2(N+14.60)	B272	V60X60	180.000	0.000	ENVOL	0.011	C18
CB2(N+14.60)	B274	V60X60	0.000	0.000	ENVOL	0.011	ENVOL
CB2(N+14.60)	B274	V60X60	40.000	0.000	ENVOL	0.008	ENVOL
CB2(N+14.60)	B274	V60X60	80.000	0.000	ENVOL	0.009	ENVOL
CB2(N+14.60)	B274	V60X60	120.000	0.000	ENVOL	0.013	ENVOL
CB2(N+14.60)	B276	V60X60	0.000	0.000	ENVOL	0.370	C18
CB2(N+14.60)	B276	V60X60	46.000	0.000	ENVOL	0.366	C18
CB2(N+14.60)	B276	V60X60	92.000	0.000	ENVOL	0.363	C18
CB2(N+14.60)	B276	V60X60	138.000	0.000	ENVOL	0.359	C18
CB2(N+14.60)	B276	V60X60	184.000	0.000	ENVOL	0.355	C18
CB2(N+14.60)	B276	V60X60	230.000	0.000	ENVOL	0.352	C18
CB2(N+14.60)	B286	V60X60	60.000	0.000	ENVOL	0.326	C18
CB2(N+14.60)	B286	V60X60	106.000	0.000	ENVOL	0.330	C18
CB2(N+14.60)	B286	V60X60	152.000	0.000	ENVOL	0.333	C18
CB2(N+14.60)	B286	V60X60	198.000	0.000	ENVOL	0.337	C18
CB2(N+14.60)	B286	V60X60	244.000	0.000	ENVOL	0.341	C18
CB2(N+14.60)	B286	V60X60	290.000	0.000	ENVOL	0.344	C18
CB2(N+14.60)	B288	V60X60	0.000	0.000	ENVOL	0.012	ENVOL
CB2(N+14.60)	B288	V60X60	40.000	0.000	ENVOL	0.009	ENVOL
CB2(N+14.60)	B288	V60X60	80.000	0.000	ENVOL	0.007	ENVOL
CB2(N+14.60)	B288	V60X60	120.000	0.000	ENVOL	0.011	ENVOL
CB2(N+14.60)	B296	V60X60	0.000	0.013	ENVOL	0.177	C18
CB2(N+14.60)	B296	V60X60	48.000	0.013	ENVOL	0.163	C18
CB2(N+14.60)	B296	V60X60	96.000	0.013	ENVOL	0.149	C18
CB2(N+14.60)	B296	V60X60	144.000	0.013	ENVOL	0.135	C18
CB2(N+14.60)	B296	V60X60	192.000	0.013	ENVOL	0.140	ENVOL
CB2(N+14.60)	B296	V60X60	240.000	0.013	ENVOL	0.153	ENVOL
CB2(N+14.60)	B296	V60X60	240.000	0.013	ENVOL	0.153	ENVOL
CB2(N+14.60)	B296	V60X60	273.753	0.013	ENVOL	0.162	C18
CB2(N+14.60)	B296	V60X60	307.507	0.013	ENVOL	0.171	C18
CB2(N+14.60)	B296	V60X60	341.260	0.013	ENVOL	0.180	C18
CB2(N+14.60)	B297	V60X60	0.000	0.012	ENVOL	0.188	C18
CB2(N+14.60)	B297	V60X60	48.000	0.012	ENVOL	0.174	C18
CB2(N+14.60)	B297	V60X60	96.000	0.012	ENVOL	0.160	C18
CB2(N+14.60)	B297	V60X60	144.000	0.012	ENVOL	0.147	C18
CB2(N+14.60)	B297	V60X60	192.000	0.012	ENVOL	0.140	ENVOL
CB2(N+14.60)	B297	V60X60	240.000	0.012	ENVOL	0.153	ENVOL
CB2(N+14.60)	B297	V60X60	240.000	0.012	ENVOL	0.153	ENVOL
CB2(N+14.60)	B297	V60X60	273.753	0.012	ENVOL	0.162	ENVOL
CB2(N+14.60)	B297	V60X60	307.507	0.012	ENVOL	0.170	ENVOL
CB2(N+14.60)	B297	V60X60	341.260	0.012	ENVOL	0.179	C18
CB2(N+14.60)	B306	V40X60	0.000	0.050	ENVOL	0.008	ENVOL
CB2(N+14.60)	B306	V40X60	41.727	0.050	ENVOL	0.006	ENVOL
CB2(N+14.60)	B306	V40X60	83.455	0.050	ENVOL	0.004	ENVOL
CB2(N+14.60)	B306	V40X60	125.182	0.050	ENVOL	0.006	ENVOL
CB2(N+14.60)	B306	V40X60	166.909	0.050	ENVOL	0.008	ENVOL
CB2(N+14.60)	B307	V40X60	0.000	0.026	ENVOL	0.015	ENVOL
CB2(N+14.60)	B307	V40X60	44.364	0.026	ENVOL	0.013	ENVOL
CB2(N+14.60)	B307	V40X60	88.727	0.026	ENVOL	0.013	ENVOL
CB2(N+14.60)	B307	V40X60	133.091	0.026	ENVOL	0.015	ENVOL
CB2(N+14.60)	B308	V40X60	0.000	0.021	C14	0.100	C18
CB2(N+14.60)	B308	V40X60	41.057	0.021	C14	0.098	C18
CB2(N+14.60)	B308	V40X60	82.114	0.021	C14	0.097	C18
CB2(N+14.60)	B308	V40X60	123.171	0.021	C14	0.095	C18
CB2(N+14.60)	B308	V40X60	164.227	0.021	C14	0.094	C18
CB2(N+14.60)	B308	V40X60	205.284	0.021	C14	0.092	C18
CB2(N+14.60)	B310	V40X60	0.000	0.019	ENVOL	0.058	ENVOL



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 188 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B310	V40X60	41.057	0.019	ENVOL	0.060	ENVOL
CB2(N+14.60)	B310	V40X60	82.114	0.019	ENVOL	0.062	ENVOL
CB2(N+14.60)	B310	V40X60	123.171	0.019	ENVOL	0.064	ENVOL
CB2(N+14.60)	B310	V40X60	164.228	0.019	ENVOL	0.066	ENVOL
CB2(N+14.60)	B310	V40X60	205.285	0.019	ENVOL	0.068	ENVOL
CB2(N+14.60)	B310	V40X60	205.285	0.024	ENVOL	0.022	ENVOL
CB2(N+14.60)	B310	V40X60	249.648	0.024	ENVOL	0.020	ENVOL
CB2(N+14.60)	B310	V40X60	294.012	0.024	ENVOL	0.020	ENVOL
CB2(N+14.60)	B310	V40X60	338.375	0.024	ENVOL	0.022	ENVOL
CB2(N+14.60)	B312	V40X60	0.000	0.047	ENVOL	0.008	ENVOL
CB2(N+14.60)	B312	V40X60	41.728	0.047	ENVOL	0.006	ENVOL
CB2(N+14.60)	B312	V40X60	83.455	0.047	ENVOL	0.004	C18
CB2(N+14.60)	B312	V40X60	125.183	0.047	ENVOL	0.006	ENVOL
CB2(N+14.60)	B312	V40X60	166.910	0.047	ENVOL	0.008	ENVOL
CB2(N+14.60)	B321	V20X60	0.000	0.000	ENVOL	0.019	C18
CB2(N+14.60)	B321	V20X60	46.364	0.000	ENVOL	0.013	C18
CB2(N+14.60)	B321	V20X60	92.727	0.000	ENVOL	0.006	C18
CB2(N+14.60)	B321	V20X60	139.091	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	185.454	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	231.818	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	278.182	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	324.545	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	370.909	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B321	V20X60	417.273	0.000	ENVOL	0.008	C18
CB2(N+14.60)	B321	V20X60	463.636	0.000	ENVOL	0.018	C18
CB2(N+14.60)	B321	V20X60	510.000	0.000	ENVOL	0.032	ENVOL
CB2(N+14.60)	B323	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	36.873	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	73.746	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	110.619	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	110.619	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	138.793	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	138.793	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	183.574	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	228.356	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	273.137	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	273.137	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	315.138	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	357.140	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	399.141	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	399.141	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	435.656	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	435.656	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	474.807	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	513.958	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B323	V20X60	553.109	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	39.151	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	78.303	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	117.454	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	117.454	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	158.084	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	198.713	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	239.343	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	279.973	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	279.973	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	317.430	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	354.888	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	354.888	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	398.689	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	442.491	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	442.491	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	484.851	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	527.211	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B324	V20X60	527.211	0.000	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 189 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B324	V20X60	553.110	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	0.000	0.000	ENVOL	0.032	ENVOL
CB2(N+14.60)	B326	V20X60	46.364	0.000	ENVOL	0.018	C18
CB2(N+14.60)	B326	V20X60	92.727	0.000	ENVOL	0.008	C18
CB2(N+14.60)	B326	V20X60	139.091	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	185.455	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	231.818	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	278.182	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	324.545	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	370.909	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B326	V20X60	417.273	0.000	ENVOL	0.006	C18
CB2(N+14.60)	B326	V20X60	463.636	0.000	ENVOL	0.013	C18
CB2(N+14.60)	B326	V20X60	510.000	0.000	ENVOL	0.019	C18
CB2(N+14.60)	B339	V20X60	0.000	0.000	ENVOL	0.007	ENVOL
CB2(N+14.60)	B339	V20X60	48.534	0.000	ENVOL	0.006	ENVOL
CB2(N+14.60)	B339	V20X60	97.068	0.000	ENVOL	0.005	ENVOL
CB2(N+14.60)	B339	V20X60	145.602	0.000	ENVOL	0.004	ENVOL
CB2(N+14.60)	B339	V20X60	194.137	0.000	ENVOL	0.005	ENVOL
CB2(N+14.60)	B339	V20X60	242.671	0.000	ENVOL	0.006	ENVOL
CB2(N+14.60)	B339	V20X60	291.205	0.000	ENVOL	0.007	ENVOL
CB2(N+14.60)	B340	V20X60	0.000	0.000	ENVOL	0.008	ENVOL
CB2(N+14.60)	B340	V20X60	48.534	0.000	ENVOL	0.006	ENVOL
CB2(N+14.60)	B340	V20X60	97.068	0.000	ENVOL	0.005	ENVOL
CB2(N+14.60)	B340	V20X60	145.603	0.000	ENVOL	0.004	C18
CB2(N+14.60)	B340	V20X60	194.137	0.000	ENVOL	0.005	ENVOL
CB2(N+14.60)	B340	V20X60	242.671	0.000	ENVOL	0.006	ENVOL
CB2(N+14.60)	B340	V20X60	291.205	0.000	ENVOL	0.007	ENVOL
CB2(N+14.60)	B347	V20X60	0.000	0.000	ENVOL	0.023	C18
CB2(N+14.60)	B347	V20X60	50.000	0.000	ENVOL	0.017	C18
CB2(N+14.60)	B347	V20X60	100.000	0.000	ENVOL	0.023	C18
CB2(N+14.60)	B350	V20X60	0.000	0.000	ENVOL	0.022	C18
CB2(N+14.60)	B350	V20X60	50.000	0.000	ENVOL	0.016	C18
CB2(N+14.60)	B350	V20X60	100.000	0.000	ENVOL	0.022	C18
CB2(N+14.60)	B353	V20X60	13.876	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	63.424	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	112.971	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	162.518	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	162.518	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	188.468	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B353	V20X60	214.418	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	25.950	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	51.900	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	51.900	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	101.447	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	150.994	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B354	V20X60	200.542	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	44.229	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	88.459	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	132.688	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	176.917	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B357	V60X60	221.146	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	8.853	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	53.083	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	97.312	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	141.541	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	185.771	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B358	V60X60	230.000	0.000	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 190 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB2(N+14.60)	B406	V40X60	15.000	0.000	ENVOL	0.020	ENVOL
CB2(N+14.60)	B406	V40X60	55.736	0.000	ENVOL	0.018	ENVOL
CB2(N+14.60)	B406	V40X60	96.472	0.000	ENVOL	0.016	ENVOL
CB2(N+14.60)	B406	V40X60	137.207	0.000	ENVOL	0.014	ENVOL
CB2(N+14.60)	B406	V40X60	137.207	0.000	ENVOL	0.006	C18
CB2(N+14.60)	B406	V40X60	182.943	0.000	ENVOL	0.003	C18
CB2(N+14.60)	B406	V40X60	228.679	0.000	ENVOL	0.001	C18
CB2(N+14.60)	B406	V40X60	274.415	0.000	ENVOL	0.001	ENVOL
CB2(N+14.60)	B406	V40X60	274.415	0.000	ENVOL	0.009	ENVOL
CB2(N+14.60)	B406	V40X60	320.151	0.000	ENVOL	0.021	ENVOL
CB2(N+14.60)	B406	V40X60	365.887	0.000	ENVOL	0.019	ENVOL
CB2(N+14.60)	B406	V40X60	411.623	0.000	ENVOL	0.016	ENVOL
CB2(N+14.60)	B406	V40X60	411.623	0.000	ENVOL	0.008	ENVOL
CB2(N+14.60)	B406	V40X60	457.359	0.000	ENVOL	0.006	C18
CB2(N+14.60)	B406	V40X60	503.094	0.000	ENVOL	0.004	ENVOL
CB2(N+14.60)	B406	V40X60	548.830	0.000	ENVOL	0.001	C18
CB2(N+14.60)	B406	V40X60	548.830	0.000	ENVOL	0.007	ENVOL
CB2(N+14.60)	B406	V40X60	594.566	0.000	ENVOL	0.009	ENVOL
CB2(N+14.60)	B406	V40X60	640.302	0.000	ENVOL	0.012	ENVOL
CB2(N+14.60)	B406	V40X60	686.038	0.000	ENVOL	0.014	ENVOL
CB2(N+14.60)	B410	V40X60	15.000	0.000	ENVOL	0.022	ENVOL
CB2(N+14.60)	B410	V40X60	55.736	0.000	ENVOL	0.020	ENVOL
CB2(N+14.60)	B410	V40X60	96.472	0.000	ENVOL	0.018	ENVOL
CB2(N+14.60)	B410	V40X60	137.208	0.000	ENVOL	0.016	ENVOL
CB2(N+14.60)	B410	V40X60	137.208	0.000	ENVOL	0.007	ENVOL
CB2(N+14.60)	B410	V40X60	182.944	0.000	ENVOL	0.005	C18
CB2(N+14.60)	B410	V40X60	228.679	0.000	ENVOL	0.003	C18
CB2(N+14.60)	B410	V40X60	274.415	0.000	ENVOL	5.535E-04	C18
CB2(N+14.60)	B410	V40X60	274.415	0.000	ENVOL	0.008	ENVOL
CB2(N+14.60)	B410	V40X60	320.151	0.000	ENVOL	0.022	ENVOL
CB2(N+14.60)	B410	V40X60	365.887	0.000	ENVOL	0.020	ENVOL
CB2(N+14.60)	B410	V40X60	411.623	0.000	ENVOL	0.018	ENVOL
CB2(N+14.60)	B410	V40X60	411.623	0.000	ENVOL	0.009	ENVOL
CB2(N+14.60)	B410	V40X60	457.359	0.000	ENVOL	0.007	ENVOL
CB2(N+14.60)	B410	V40X60	503.094	0.000	ENVOL	0.005	ENVOL
CB2(N+14.60)	B410	V40X60	548.830	0.000	ENVOL	0.002	C18
CB2(N+14.60)	B410	V40X60	548.830	0.000	ENVOL	0.006	C18
CB2(N+14.60)	B410	V40X60	594.566	0.000	ENVOL	0.008	ENVOL
CB2(N+14.60)	B410	V40X60	640.302	0.000	ENVOL	0.010	ENVOL
CB2(N+14.60)	B410	V40X60	686.038	0.000	ENVOL	0.013	ENVOL
CB2(N+14.60)	B436	V40X60	0.000	0.034	ENVOL	0.009	ENVOL
CB2(N+14.60)	B436	V40X60	38.424	0.034	ENVOL	0.007	ENVOL
CB2(N+14.60)	B436	V40X60	76.847	0.034	ENVOL	0.005	C18
CB2(N+14.60)	B436	V40X60	115.271	0.034	ENVOL	0.007	ENVOL
CB2(N+14.60)	B436	V40X60	153.694	0.034	ENVOL	0.009	ENVOL
CB2(N+14.60)	B437	V40X60	0.000	0.000	ENVOL	0.069	ENVOL
CB2(N+14.60)	B437	V40X60	46.160	0.000	ENVOL	0.067	ENVOL
CB2(N+14.60)	B437	V40X60	92.319	0.000	ENVOL	0.069	C18
CB2(N+14.60)	B437	V40X60	138.479	0.000	ENVOL	0.071	C18
CB2(N+14.60)	B437	V40X60	184.639	0.000	ENVOL	0.074	C18
CB2(N+14.60)	B437	V40X60	230.798	0.000	ENVOL	0.076	C18
CB2(N+14.60)	B437	V40X60	276.958	0.000	ENVOL	0.079	ENVOL
CB2(N+14.60)	B437	V40X60	323.117	0.000	ENVOL	0.081	ENVOL
CB2(N+14.60)	B437	V40X60	369.277	0.000	ENVOL	0.084	ENVOL
CB2(N+14.60)	B437	V40X60	415.437	0.000	ENVOL	0.087	ENVOL
CB2(N+14.60)	B440	V40X60	0.000	0.000	ENVOL	0.060	ENVOL
CB2(N+14.60)	B440	V40X60	46.630	0.000	ENVOL	0.050	C18
CB2(N+14.60)	B440	V40X60	93.261	0.000	ENVOL	0.044	C18
CB2(N+14.60)	B440	V40X60	139.891	0.000	ENVOL	0.037	C18
CB2(N+14.60)	B440	V40X60	186.521	0.000	ENVOL	0.030	C18
CB2(N+14.60)	B440	V40X60	233.151	0.000	ENVOL	0.024	C18
CB2(N+14.60)	B440	V40X60	279.782	0.000	ENVOL	0.017	C18
CB2(N+14.60)	B440	V40X60	326.412	0.000	ENVOL	0.010	C18
CB2(N+14.60)	B440	V40X60	373.042	0.000	ENVOL	0.004	C18
CB2(N+14.60)	B440	V40X60	419.672	0.000	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 191 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB2(N+14.60)	B440	V40X60	466.303	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	512.933	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	559.563	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	559.563	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	606.194	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	652.824	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	699.454	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B440	V40X60	746.084	0.000	ENVOL	0.004	C18
CB2(N+14.60)	B440	V40X60	792.715	0.000	ENVOL	0.011	C18
CB2(N+14.60)	B440	V40X60	839.345	0.000	ENVOL	0.017	C18
CB2(N+14.60)	B440	V40X60	885.975	0.000	ENVOL	0.024	C18
CB2(N+14.60)	B440	V40X60	932.605	0.000	ENVOL	0.031	C18
CB2(N+14.60)	B440	V40X60	979.236	0.000	ENVOL	0.037	C18
CB2(N+14.60)	B440	V40X60	1025.866	0.000	ENVOL	0.044	C18
CB2(N+14.60)	B440	V40X60	1072.496	0.000	ENVOL	0.051	C18
CB2(N+14.60)	B440	V40X60	1119.126	0.000	ENVOL	0.060	ENVOL
CB2(N+14.60)	B443	V40X60	0.000	0.000	ENVOL	0.080	ENVOL
CB2(N+14.60)	B443	V40X60	46.160	0.000	ENVOL	0.077	ENVOL
CB2(N+14.60)	B443	V40X60	92.319	0.000	ENVOL	0.074	ENVOL
CB2(N+14.60)	B443	V40X60	138.479	0.000	ENVOL	0.072	C18
CB2(N+14.60)	B443	V40X60	184.639	0.000	ENVOL	0.069	C18
CB2(N+14.60)	B443	V40X60	230.798	0.000	ENVOL	0.067	C18
CB2(N+14.60)	B443	V40X60	276.958	0.000	ENVOL	0.065	C18
CB2(N+14.60)	B443	V40X60	323.118	0.000	ENVOL	0.065	ENVOL
CB2(N+14.60)	B443	V40X60	369.277	0.000	ENVOL	0.068	ENVOL
CB2(N+14.60)	B443	V40X60	415.437	0.000	ENVOL	0.070	ENVOL
CB2(N+14.60)	B444	V40X60	0.000	0.032	ENVOL	0.010	ENVOL
CB2(N+14.60)	B444	V40X60	38.424	0.032	ENVOL	0.008	ENVOL
CB2(N+14.60)	B444	V40X60	76.848	0.032	ENVOL	0.005	ENVOL
CB2(N+14.60)	B444	V40X60	115.271	0.032	ENVOL	0.007	ENVOL
CB2(N+14.60)	B444	V40X60	153.695	0.032	ENVOL	0.009	ENVOL
CB2(N+14.60)	B449	V60X60	0.000	0.042	ENVOL	0.000	ENVOL
CB2(N+14.60)	B449	V60X60	38.827	0.042	ENVOL	0.000	ENVOL
CB2(N+14.60)	B449	V60X60	77.654	0.042	ENVOL	0.000	ENVOL
CB2(N+14.60)	B449	V60X60	116.481	0.042	ENVOL	0.000	ENVOL
CB2(N+14.60)	B449	V60X60	155.308	0.042	ENVOL	0.000	ENVOL
CB2(N+14.60)	B450	V60X60	0.000	0.045	ENVOL	0.000	ENVOL
CB2(N+14.60)	B450	V60X60	38.827	0.045	ENVOL	0.000	ENVOL
CB2(N+14.60)	B450	V60X60	77.654	0.045	ENVOL	0.000	ENVOL
CB2(N+14.60)	B450	V60X60	116.481	0.045	ENVOL	0.000	ENVOL
CB2(N+14.60)	B450	V60X60	155.308	0.045	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	0.000	0.000	ENVOL	0.146	ENVOL
CB2(N+14.60)	B462	V60X60	48.161	0.000	ENVOL	0.128	ENVOL
CB2(N+14.60)	B462	V60X60	96.322	0.000	ENVOL	0.107	ENVOL
CB2(N+14.60)	B462	V60X60	144.483	0.000	ENVOL	0.087	C18
CB2(N+14.60)	B462	V60X60	192.644	0.000	ENVOL	0.073	C18
CB2(N+14.60)	B462	V60X60	240.805	0.000	ENVOL	0.059	C18
CB2(N+14.60)	B462	V60X60	288.966	0.000	ENVOL	0.045	C18
CB2(N+14.60)	B462	V60X60	337.127	0.000	ENVOL	0.031	C18
CB2(N+14.60)	B462	V60X60	385.288	0.000	ENVOL	0.016	C18
CB2(N+14.60)	B462	V60X60	433.449	0.000	ENVOL	0.002	C18
CB2(N+14.60)	B462	V60X60	481.610	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	529.771	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	577.932	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	626.093	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	674.254	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	722.415	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B462	V60X60	770.576	0.000	ENVOL	0.003	C18
CB2(N+14.60)	B462	V60X60	818.737	0.000	ENVOL	0.017	C18
CB2(N+14.60)	B462	V60X60	866.897	0.000	ENVOL	0.031	C18
CB2(N+14.60)	B462	V60X60	915.058	0.000	ENVOL	0.045	C18
CB2(N+14.60)	B462	V60X60	963.219	0.000	ENVOL	0.059	C18
CB2(N+14.60)	B462	V60X60	1011.380	0.000	ENVOL	0.074	C18
CB2(N+14.60)	B462	V60X60	1059.541	0.000	ENVOL	0.088	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 192 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B462	V60X60	1107.702	0.000	ENVOL	0.108	ENVOL
CB2(N+14.60)	B462	V60X60	1155.863	0.000	ENVOL	0.129	ENVOL
CB2(N+14.60)	B462	V60X60	1204.024	0.000	ENVOL	0.147	ENVOL
CB2(N+14.60)	B483	V60X60	30.000	0.076	ENVOL	0.137	C18
CB2(N+14.60)	B483	V60X60	77.428	0.076	ENVOL	0.140	C18
CB2(N+14.60)	B483	V60X60	124.857	0.076	ENVOL	0.143	C18
CB2(N+14.60)	B483	V60X60	172.285	0.076	ENVOL	0.146	C18
CB2(N+14.60)	B483	V60X60	219.714	0.076	ENVOL	0.150	C18
CB2(N+14.60)	B483	V60X60	267.143	0.076	ENVOL	0.153	C18
CB2(N+14.60)	B483	V60X60	314.571	0.076	ENVOL	0.157	C18
CB2(N+14.60)	B483	V60X60	362.000	0.076	ENVOL	0.161	C18
CB2(N+14.60)	B484	V60X60	0.000	0.076	ENVOL	0.153	C18
CB2(N+14.60)	B484	V60X60	47.429	0.076	ENVOL	0.149	C18
CB2(N+14.60)	B484	V60X60	94.857	0.076	ENVOL	0.145	C18
CB2(N+14.60)	B484	V60X60	142.286	0.076	ENVOL	0.141	C18
CB2(N+14.60)	B484	V60X60	189.714	0.076	ENVOL	0.138	C18
CB2(N+14.60)	B484	V60X60	237.143	0.076	ENVOL	0.134	C18
CB2(N+14.60)	B484	V60X60	284.572	0.076	ENVOL	0.131	C18
CB2(N+14.60)	B484	V60X60	332.000	0.076	ENVOL	0.128	C18
CB2(N+14.60)	B490	V60X60	20.302	0.000	ENVOL	0.074	ENVOL
CB2(N+14.60)	B490	V60X60	70.072	0.000	ENVOL	0.063	ENVOL
CB2(N+14.60)	B490	V60X60	119.842	0.000	ENVOL	0.049	ENVOL
CB2(N+14.60)	B490	V60X60	169.613	0.000	ENVOL	0.034	ENVOL
CB2(N+14.60)	B490	V60X60	219.383	0.000	ENVOL	0.020	ENVOL
CB2(N+14.60)	B490	V60X60	269.153	0.000	ENVOL	0.008	C18
CB2(N+14.60)	B490	V60X60	318.924	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	368.694	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	418.464	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	468.235	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	518.005	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	567.775	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	617.546	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	667.316	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	717.086	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	766.857	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	816.627	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	866.397	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	916.168	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	965.938	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	1015.708	0.000	ENVOL	0.000	ENVOL
CB2(N+14.60)	B490	V60X60	1065.479	0.000	ENVOL	0.009	C18
CB2(N+14.60)	B490	V60X60	1115.249	0.000	ENVOL	0.021	ENVOL
CB2(N+14.60)	B490	V60X60	1165.019	0.000	ENVOL	0.035	ENVOL
CB2(N+14.60)	B490	V60X60	1214.790	0.000	ENVOL	0.049	ENVOL
CB2(N+14.60)	B490	V60X60	1264.560	0.000	ENVOL	0.064	ENVOL
CB2(N+14.60)	B490	V60X60	1314.330	0.000	ENVOL	0.075	ENVOL
CB1(N+11.30)	B1	V60X60	0.000	0.035	ENVOL	0.007	ENVOL
CB1(N+11.30)	B1	V60X60	45.000	0.035	ENVOL	0.001	ENVOL
CB1(N+11.30)	B1	V60X60	90.000	0.035	ENVOL	0.000	ENVOL
CB1(N+11.30)	B1	V60X60	135.000	0.035	ENVOL	0.003	ENVOL
CB1(N+11.30)	B1	V60X60	180.000	0.035	ENVOL	0.008	ENVOL
CB1(N+11.30)	B2	V60X60	0.000	0.024	ENVOL	0.194	ENVOL
CB1(N+11.30)	B2	V60X60	47.143	0.024	ENVOL	0.189	ENVOL
CB1(N+11.30)	B2	V60X60	94.286	0.024	ENVOL	0.184	ENVOL
CB1(N+11.30)	B2	V60X60	141.429	0.024	ENVOL	0.179	ENVOL
CB1(N+11.30)	B2	V60X60	188.571	0.024	ENVOL	0.174	C18
CB1(N+11.30)	B2	V60X60	235.714	0.024	ENVOL	0.176	ENVOL
CB1(N+11.30)	B2	V60X60	282.857	0.024	ENVOL	0.181	ENVOL
CB1(N+11.30)	B2	V60X60	330.000	0.024	ENVOL	0.186	ENVOL
CB1(N+11.30)	B3	V60X60	30.000	0.020	ENVOL	0.047	C18
CB1(N+11.30)	B3	V60X60	80.000	0.020	ENVOL	0.042	C18
CB1(N+11.30)	B3	V60X60	130.000	0.020	ENVOL	0.037	C18
CB1(N+11.30)	B3	V60X60	180.000	0.020	ENVOL	0.033	C18


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 193 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B3	V60X60	230.000	0.020	ENVOL	0.028	C18
CB1(N+11.30)	B3	V60X60	280.000	0.020	ENVOL	0.023	C18
CB1(N+11.30)	B3	V60X60	280.000	0.020	ENVOL	0.018	C18
CB1(N+11.30)	B3	V60X60	325.714	0.020	ENVOL	0.024	C18
CB1(N+11.30)	B3	V60X60	371.429	0.020	ENVOL	0.031	C18
CB1(N+11.30)	B3	V60X60	417.143	0.020	ENVOL	0.038	C18
CB1(N+11.30)	B3	V60X60	462.857	0.020	ENVOL	0.045	C18
CB1(N+11.30)	B3	V60X60	508.571	0.020	ENVOL	0.051	C18
CB1(N+11.30)	B3	V60X60	554.286	0.020	ENVOL	0.058	C18
CB1(N+11.30)	B3	V60X60	600.000	0.020	ENVOL	0.065	C18
CB1(N+11.30)	B4	V60X60	30.000	0.018	ENVOL	0.054	C18
CB1(N+11.30)	B4	V60X60	79.286	0.018	ENVOL	0.047	C18
CB1(N+11.30)	B4	V60X60	128.571	0.018	ENVOL	0.039	C18
CB1(N+11.30)	B4	V60X60	177.857	0.018	ENVOL	0.032	C18
CB1(N+11.30)	B4	V60X60	227.143	0.018	ENVOL	0.025	C18
CB1(N+11.30)	B4	V60X60	276.429	0.018	ENVOL	0.018	C18
CB1(N+11.30)	B4	V60X60	325.714	0.018	ENVOL	0.010	C18
CB1(N+11.30)	B4	V60X60	375.000	0.018	ENVOL	0.003	C18
CB1(N+11.30)	B4	V60X60	375.000	0.018	C18	0.024	C18
CB1(N+11.30)	B4	V60X60	420.000	0.018	C18	0.028	C18
CB1(N+11.30)	B4	V60X60	465.000	0.018	C18	0.033	C18
CB1(N+11.30)	B4	V60X60	510.000	0.018	C18	0.037	C18
CB1(N+11.30)	B4	V60X60	555.000	0.018	C18	0.041	C18
CB1(N+11.30)	B4	V60X60	600.000	0.018	C18	0.045	C18
CB1(N+11.30)	B5	V60X60	30.000	0.024	ENVOL	0.212	C18
CB1(N+11.30)	B5	V60X60	78.000	0.024	ENVOL	0.201	C18
CB1(N+11.30)	B5	V60X60	126.000	0.024	ENVOL	0.191	C18
CB1(N+11.30)	B5	V60X60	174.000	0.024	ENVOL	0.180	C18
CB1(N+11.30)	B5	V60X60	222.000	0.024	ENVOL	0.178	ENVOL
CB1(N+11.30)	B5	V60X60	270.000	0.024	ENVOL	0.188	C18
CB1(N+11.30)	B5	V60X60	270.000	0.024	ENVOL	0.210	C18
CB1(N+11.30)	B5	V60X60	315.000	0.024	ENVOL	0.214	C18
CB1(N+11.30)	B5	V60X60	360.000	0.024	ENVOL	0.218	C18
CB1(N+11.30)	B6	V60X60	0.000	0.036	ENVOL	0.008	ENVOL
CB1(N+11.30)	B6	V60X60	45.000	0.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B6	V60X60	90.000	0.036	ENVOL	0.000	ENVOL
CB1(N+11.30)	B6	V60X60	135.000	0.036	ENVOL	0.001	ENVOL
CB1(N+11.30)	B6	V60X60	180.000	0.036	ENVOL	0.007	ENVOL
CB1(N+11.30)	B7	V30X60	0.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	45.714	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	91.429	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	137.143	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	182.857	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	228.571	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	274.286	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B7	V30X60	320.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B12	V60X60	0.000	0.000	ENVOL	0.067	C18
CB1(N+11.30)	B12	V60X60	47.273	0.000	ENVOL	0.051	C18
CB1(N+11.30)	B12	V60X60	94.545	0.000	ENVOL	0.034	C18
CB1(N+11.30)	B12	V60X60	141.818	0.000	ENVOL	0.018	C18
CB1(N+11.30)	B12	V60X60	189.091	0.000	ENVOL	0.002	C18
CB1(N+11.30)	B12	V60X60	236.364	0.000	ENVOL	0.014	C18
CB1(N+11.30)	B12	V60X60	283.636	0.000	ENVOL	0.039	ENVOL
CB1(N+11.30)	B12	V60X60	330.909	0.000	ENVOL	0.023	C18
CB1(N+11.30)	B12	V60X60	378.182	0.000	ENVOL	0.006	C18
CB1(N+11.30)	B12	V60X60	425.455	0.000	ENVOL	0.010	C18
CB1(N+11.30)	B12	V60X60	472.727	0.000	ENVOL	0.026	C18
CB1(N+11.30)	B12	V60X60	520.000	0.000	ENVOL	0.042	C18
CB1(N+11.30)	B15	V50X60	17.500	0.017	ENVOL	0.044	C18
CB1(N+11.30)	B15	V50X60	62.143	0.017	ENVOL	0.027	C18
CB1(N+11.30)	B15	V50X60	106.786	0.017	ENVOL	0.011	C18
CB1(N+11.30)	B15	V50X60	151.429	0.017	ENVOL	0.000	ENVOL
CB1(N+11.30)	B15	V50X60	196.071	0.017	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 194 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B15	V50X60	240.714	0.017	ENVOL	0.000	ENVOL
CB1(N+11.30)	B15	V50X60	285.357	0.017	ENVOL	0.000	ENVOL
CB1(N+11.30)	B15	V50X60	330.000	0.017	ENVOL	0.000	ENVOL
CB1(N+11.30)	B15	V50X60	330.000	0.017	ENVOL	0.000	ENVOL
CB1(N+11.30)	B15	V50X60	373.333	0.017	ENVOL	0.010	C18
CB1(N+11.30)	B15	V50X60	416.667	0.017	ENVOL	0.023	C18
CB1(N+11.30)	B15	V50X60	460.000	0.017	ENVOL	0.037	C18
CB1(N+11.30)	B15	V50X60	460.000	0.017	ENVOL	0.042	C18
CB1(N+11.30)	B15	V50X60	490.000	0.017	ENVOL	0.053	C18
CB1(N+11.30)	B15	V50X60	520.000	0.017	ENVOL	0.067	ENVOL
CB1(N+11.30)	B18	V50X60	17.500	0.017	ENVOL	0.037	C18
CB1(N+11.30)	B18	V50X60	60.000	0.017	ENVOL	0.022	C18
CB1(N+11.30)	B18	V50X60	102.500	0.017	ENVOL	0.006	C18
CB1(N+11.30)	B18	V50X60	145.000	0.017	ENVOL	0.000	ENVOL
CB1(N+11.30)	B18	V50X60	187.500	0.017	ENVOL	0.000	ENVOL
CB1(N+11.30)	B18	V50X60	230.000	0.017	ENVOL	0.000	ENVOL
CB1(N+11.30)	B18	V50X60	230.000	0.017	ENVOL	0.000	ENVOL
CB1(N+11.30)	B18	V50X60	278.333	0.017	ENVOL	5.022E-04	C18
CB1(N+11.30)	B18	V50X60	326.667	0.017	ENVOL	0.008	C18
CB1(N+11.30)	B18	V50X60	375.000	0.017	ENVOL	0.015	C18
CB1(N+11.30)	B18	V50X60	423.333	0.017	ENVOL	0.022	C18
CB1(N+11.30)	B18	V50X60	471.667	0.017	ENVOL	0.030	C18
CB1(N+11.30)	B18	V50X60	520.000	0.017	ENVOL	0.037	C18
CB1(N+11.30)	B20	V60X60	0.000	0.012	ENVOL	0.056	C14
CB1(N+11.30)	B20	V60X60	45.714	0.012	ENVOL	0.046	C14
CB1(N+11.30)	B20	V60X60	91.429	0.012	ENVOL	0.037	C14
CB1(N+11.30)	B20	V60X60	137.143	0.012	ENVOL	0.027	C14
CB1(N+11.30)	B20	V60X60	182.857	0.012	ENVOL	0.018	C14
CB1(N+11.30)	B20	V60X60	228.571	0.012	ENVOL	0.008	C14
CB1(N+11.30)	B20	V60X60	274.286	0.012	ENVOL	0.064	ENVOL
CB1(N+11.30)	B20	V60X60	320.000	0.012	ENVOL	0.054	ENVOL
CB1(N+11.30)	B20	V60X60	320.000	0.012	ENVOL	0.019	ENVOL
CB1(N+11.30)	B20	V60X60	370.000	0.012	ENVOL	0.002	C18
CB1(N+11.30)	B20	V60X60	420.000	0.012	ENVOL	0.017	C14
CB1(N+11.30)	B20	V60X60	470.000	0.012	ENVOL	0.034	C14
CB1(N+11.30)	B20	V60X60	520.000	0.012	ENVOL	0.051	C14
CB1(N+11.30)	B22	V30X60	0.000	0.000	ENVOL	0.010	ENVOL
CB1(N+11.30)	B22	V30X60	45.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	90.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	135.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	180.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	225.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	315.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	360.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	405.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	450.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	495.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B32	V50X60	30.000	0.000	ENVOL	0.121	ENVOL
CB1(N+11.30)	B32	V50X60	76.250	0.000	ENVOL	0.115	ENVOL
CB1(N+11.30)	B32	V50X60	122.500	0.000	ENVOL	0.108	ENVOL
CB1(N+11.30)	B32	V50X60	168.750	0.000	ENVOL	0.103	C18
CB1(N+11.30)	B32	V50X60	215.000	0.000	ENVOL	0.097	C18
CB1(N+11.30)	B32	V50X60	261.250	0.000	ENVOL	0.092	C18
CB1(N+11.30)	B32	V50X60	307.500	0.000	ENVOL	0.086	C18
CB1(N+11.30)	B32	V50X60	353.750	0.000	ENVOL	0.083	ENVOL
CB1(N+11.30)	B32	V50X60	400.000	0.000	ENVOL	0.089	ENVOL
CB1(N+11.30)	B32	V50X60	400.000	0.000	ENVOL	0.106	C18
CB1(N+11.30)	B32	V50X60	445.000	0.000	ENVOL	0.112	C18
CB1(N+11.30)	B32	V50X60	490.000	0.000	ENVOL	0.117	C18
CB1(N+11.30)	B34	V50X60	50.000	0.000	ENVOL	0.205	ENVOL
CB1(N+11.30)	B34	V50X60	96.000	0.000	ENVOL	0.199	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 195 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B34	V50X60	142.000	0.000	ENVOL	0.193	ENVOL
CB1(N+11.30)	B34	V50X60	188.000	0.000	ENVOL	0.187	ENVOL
CB1(N+11.30)	B34	V50X60	234.000	0.000	ENVOL	0.181	ENVOL
CB1(N+11.30)	B34	V50X60	280.000	0.000	ENVOL	0.175	ENVOL
CB1(N+11.30)	B34	V50X60	280.000	0.000	ENVOL	0.033	C18
CB1(N+11.30)	B34	V50X60	324.167	0.000	ENVOL	0.027	C18
CB1(N+11.30)	B34	V50X60	368.333	0.000	ENVOL	0.022	C18
CB1(N+11.30)	B34	V50X60	412.500	0.000	ENVOL	0.016	C18
CB1(N+11.30)	B34	V50X60	456.667	0.000	ENVOL	0.011	C18
CB1(N+11.30)	B34	V50X60	500.833	0.000	ENVOL	0.005	C18
CB1(N+11.30)	B34	V50X60	545.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	545.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	587.500	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	630.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	630.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	666.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	703.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B34	V50X60	740.000	0.000	ENVOL	0.005	C18
CB1(N+11.30)	B34	V50X60	740.000	0.000	ENVOL	0.005	C18
CB1(N+11.30)	B34	V50X60	784.167	0.000	ENVOL	0.010	C18
CB1(N+11.30)	B34	V50X60	828.333	0.000	ENVOL	0.016	C18
CB1(N+11.30)	B34	V50X60	872.500	0.000	ENVOL	0.021	C18
CB1(N+11.30)	B34	V50X60	916.667	0.000	ENVOL	0.027	C18
CB1(N+11.30)	B34	V50X60	960.833	0.000	ENVOL	0.033	C18
CB1(N+11.30)	B34	V50X60	1005.000	0.000	ENVOL	0.038	C18
CB1(N+11.30)	B34	V50X60	1005.000	0.000	ENVOL	0.181	ENVOL
CB1(N+11.30)	B34	V50X60	1046.000	0.000	ENVOL	0.187	ENVOL
CB1(N+11.30)	B34	V50X60	1087.000	0.000	ENVOL	0.192	ENVOL
CB1(N+11.30)	B34	V50X60	1128.000	0.000	ENVOL	0.197	ENVOL
CB1(N+11.30)	B34	V50X60	1169.000	0.000	ENVOL	0.203	ENVOL
CB1(N+11.30)	B34	V50X60	1210.000	0.000	ENVOL	0.208	ENVOL
CB1(N+11.30)	B35	V50X60	50.000	0.000	ENVOL	0.114	C18
CB1(N+11.30)	B35	V50X60	96.000	0.000	ENVOL	0.107	C18
CB1(N+11.30)	B35	V50X60	142.000	0.000	ENVOL	0.099	C18
CB1(N+11.30)	B35	V50X60	188.000	0.000	ENVOL	0.092	C18
CB1(N+11.30)	B35	V50X60	234.000	0.000	ENVOL	0.084	C18
CB1(N+11.30)	B35	V50X60	280.000	0.000	ENVOL	0.082	ENVOL
CB1(N+11.30)	B35	V50X60	280.000	0.000	ENVOL	0.088	C18
CB1(N+11.30)	B35	V50X60	326.000	0.000	ENVOL	0.097	C18
CB1(N+11.30)	B35	V50X60	372.000	0.000	ENVOL	0.106	C18
CB1(N+11.30)	B35	V50X60	418.000	0.000	ENVOL	0.115	C18
CB1(N+11.30)	B35	V50X60	464.000	0.000	ENVOL	0.124	C18
CB1(N+11.30)	B35	V50X60	510.000	0.000	ENVOL	0.133	C18
CB1(N+11.30)	B42	V60X60	30.000	0.000	ENVOL	0.128	C18
CB1(N+11.30)	B42	V60X60	78.000	0.000	ENVOL	0.129	ENVOL
CB1(N+11.30)	B42	V60X60	126.000	0.000	ENVOL	0.140	ENVOL
CB1(N+11.30)	B42	V60X60	174.000	0.000	ENVOL	0.152	ENVOL
CB1(N+11.30)	B42	V60X60	222.000	0.000	ENVOL	0.163	C18
CB1(N+11.30)	B42	V60X60	270.000	0.000	ENVOL	0.176	C18
CB1(N+11.30)	B53	V60X60	30.000	0.000	ENVOL	0.109	C18
CB1(N+11.30)	B53	V60X60	77.500	0.000	ENVOL	0.111	ENVOL
CB1(N+11.30)	B53	V60X60	125.000	0.000	ENVOL	0.118	ENVOL
CB1(N+11.30)	B53	V60X60	172.500	0.000	ENVOL	0.125	ENVOL
CB1(N+11.30)	B53	V60X60	220.000	0.000	ENVOL	0.132	ENVOL
CB1(N+11.30)	B53	V60X60	220.000	0.000	ENVOL	0.141	ENVOL
CB1(N+11.30)	B53	V60X60	270.000	0.000	ENVOL	0.148	ENVOL
CB1(N+11.30)	B59	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B59	V60X60	40.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B59	V60X60	80.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B59	V60X60	120.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B70	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B70	V60X60	40.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B70	V60X60	80.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B70	V60X60	120.000	0.000	ENVOL	0.000	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 196 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B73	V60X60	0.000	0.000	ENVOL	0.014	ENVOL
CB1(N+11.30)	B73	V60X60	45.000	0.000	ENVOL	0.010	ENVOL
CB1(N+11.30)	B73	V60X60	90.000	0.000	ENVOL	0.010	ENVOL
CB1(N+11.30)	B73	V60X60	135.000	0.000	ENVOL	0.013	ENVOL
CB1(N+11.30)	B73	V60X60	180.000	0.000	ENVOL	0.016	ENVOL
CB1(N+11.30)	B75	V60X60	0.000	0.000	ENVOL	0.013	ENVOL
CB1(N+11.30)	B75	V60X60	45.000	0.000	ENVOL	0.010	ENVOL
CB1(N+11.30)	B75	V60X60	90.000	0.000	ENVOL	0.010	ENVOL
CB1(N+11.30)	B75	V60X60	135.000	0.000	ENVOL	0.013	ENVOL
CB1(N+11.30)	B75	V60X60	180.000	0.000	ENVOL	0.016	ENVOL
CB1(N+11.30)	B157	V60X60	0.000	0.000	ENVOL	0.002	ENVOL
CB1(N+11.30)	B157	V60X60	50.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	100.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	150.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	200.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	250.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	300.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	350.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	400.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	450.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	500.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	550.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	600.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	650.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	700.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	750.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	800.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	850.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	900.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	950.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B157	V60X60	1000.000	0.000	ENVOL	0.005	ENVOL
CB1(N+11.30)	B188	V60X60	0.000	0.000	ENVOL	0.003	ENVOL
CB1(N+11.30)	B188	V60X60	50.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	100.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	150.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	200.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	250.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	300.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	350.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	400.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	450.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	500.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	550.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	600.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	650.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	700.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	750.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	800.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	850.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	900.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	950.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B188	V60X60	1000.000	0.000	ENVOL	0.004	ENVOL
CB1(N+11.30)	B270	V60X60	0.000	0.000	ENVOL	0.012	C18
CB1(N+11.30)	B270	V60X60	45.000	0.000	ENVOL	0.010	C18
CB1(N+11.30)	B270	V60X60	90.000	0.000	ENVOL	0.007	C18
CB1(N+11.30)	B270	V60X60	135.000	0.000	ENVOL	0.009	C18
CB1(N+11.30)	B270	V60X60	180.000	0.000	ENVOL	0.012	C18
CB1(N+11.30)	B272	V60X60	0.000	0.000	ENVOL	0.012	C18
CB1(N+11.30)	B272	V60X60	45.000	0.000	ENVOL	0.009	C18
CB1(N+11.30)	B272	V60X60	90.000	0.000	ENVOL	0.007	C18
CB1(N+11.30)	B272	V60X60	135.000	0.000	ENVOL	0.009	C18
CB1(N+11.30)	B272	V60X60	180.000	0.000	ENVOL	0.012	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 197 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B274	V60X100	0.000	0.000	ENVOL	0.026	ENVOL
CB1(N+11.30)	B274	V60X100	40.000	0.000	ENVOL	0.025	C18
CB1(N+11.30)	B274	V60X100	80.000	0.000	ENVOL	0.028	C18
CB1(N+11.30)	B274	V60X100	120.000	0.000	ENVOL	0.030	ENVOL
CB1(N+11.30)	B276	V60X100	0.000	0.000	ENVOL	0.315	C18
CB1(N+11.30)	B276	V60X100	46.000	0.000	ENVOL	0.312	C18
CB1(N+11.30)	B276	V60X100	92.000	0.000	ENVOL	0.309	C18
CB1(N+11.30)	B276	V60X100	138.000	0.000	ENVOL	0.305	C18
CB1(N+11.30)	B276	V60X100	184.000	0.000	ENVOL	0.302	C18
CB1(N+11.30)	B276	V60X100	230.000	0.000	ENVOL	0.299	C18
CB1(N+11.30)	B281	V60X100	60.000	0.000	ENVOL	0.068	C18
CB1(N+11.30)	B281	V60X100	110.000	0.000	ENVOL	0.065	C18
CB1(N+11.30)	B281	V60X100	160.000	0.000	ENVOL	0.061	C18
CB1(N+11.30)	B281	V60X100	210.000	0.000	ENVOL	0.058	C18
CB1(N+11.30)	B281	V60X100	260.000	0.000	ENVOL	0.054	C18
CB1(N+11.30)	B281	V60X100	310.000	0.000	ENVOL	0.051	C18
CB1(N+11.30)	B281	V60X100	360.000	0.000	ENVOL	0.048	C18
CB1(N+11.30)	B281	V60X100	410.000	0.000	ENVOL	0.044	C18
CB1(N+11.30)	B281	V60X100	460.000	0.000	ENVOL	0.041	C18
CB1(N+11.30)	B281	V60X100	510.000	0.000	ENVOL	0.037	C18
CB1(N+11.30)	B281	V60X100	560.000	0.000	ENVOL	0.034	C18
CB1(N+11.30)	B281	V60X100	610.000	0.000	ENVOL	0.031	C18
CB1(N+11.30)	B281	V60X100	660.000	0.000	ENVOL	0.027	C18
CB1(N+11.30)	B281	V60X100	710.000	0.000	ENVOL	0.024	C18
CB1(N+11.30)	B281	V60X100	760.000	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B281	V60X100	760.000	0.000	ENVOL	0.021	C18
CB1(N+11.30)	B281	V60X100	810.000	0.000	ENVOL	0.024	C18
CB1(N+11.30)	B281	V60X100	860.000	0.000	ENVOL	0.028	C18
CB1(N+11.30)	B281	V60X100	910.000	0.000	ENVOL	0.031	C18
CB1(N+11.30)	B281	V60X100	960.000	0.000	ENVOL	0.034	C18
CB1(N+11.30)	B281	V60X100	1010.000	0.000	ENVOL	0.038	C18
CB1(N+11.30)	B281	V60X100	1060.000	0.000	ENVOL	0.041	C18
CB1(N+11.30)	B281	V60X100	1110.000	0.000	ENVOL	0.045	C18
CB1(N+11.30)	B281	V60X100	1160.000	0.000	ENVOL	0.048	C18
CB1(N+11.30)	B281	V60X100	1210.000	0.000	ENVOL	0.051	C18
CB1(N+11.30)	B281	V60X100	1260.000	0.000	ENVOL	0.055	C18
CB1(N+11.30)	B281	V60X100	1310.000	0.000	ENVOL	0.058	C18
CB1(N+11.30)	B281	V60X100	1360.000	0.000	ENVOL	0.062	C18
CB1(N+11.30)	B281	V60X100	1410.000	0.000	ENVOL	0.065	C18
CB1(N+11.30)	B281	V60X100	1460.000	0.000	ENVOL	0.068	C18
CB1(N+11.30)	B286	V60X100	60.000	0.000	ENVOL	0.286	C18
CB1(N+11.30)	B286	V60X100	106.000	0.000	ENVOL	0.289	C18
CB1(N+11.30)	B286	V60X100	152.000	0.000	ENVOL	0.292	C18
CB1(N+11.30)	B286	V60X100	198.000	0.000	ENVOL	0.296	C18
CB1(N+11.30)	B286	V60X100	244.000	0.000	ENVOL	0.299	C18
CB1(N+11.30)	B286	V60X100	290.000	0.000	ENVOL	0.302	C18
CB1(N+11.30)	B288	V60X100	0.000	0.000	ENVOL	0.030	ENVOL
CB1(N+11.30)	B288	V60X100	40.000	0.000	ENVOL	0.027	C18
CB1(N+11.30)	B288	V60X100	80.000	0.000	ENVOL	0.024	C18
CB1(N+11.30)	B288	V60X100	120.000	0.000	ENVOL	0.026	ENVOL
CB1(N+11.30)	B296	V60X60	0.000	0.000	ENVOL	0.171	C18
CB1(N+11.30)	B296	V60X60	48.000	0.000	ENVOL	0.157	C18
CB1(N+11.30)	B296	V60X60	96.000	0.000	ENVOL	0.143	C18
CB1(N+11.30)	B296	V60X60	144.000	0.000	ENVOL	0.130	C18
CB1(N+11.30)	B296	V60X60	192.000	0.000	ENVOL	0.136	ENVOL
CB1(N+11.30)	B296	V60X60	240.000	0.000	ENVOL	0.148	ENVOL
CB1(N+11.30)	B296	V60X60	240.000	0.000	ENVOL	0.148	ENVOL
CB1(N+11.30)	B296	V60X60	273.753	0.000	ENVOL	0.157	C18
CB1(N+11.30)	B296	V60X60	307.507	0.000	ENVOL	0.166	C18
CB1(N+11.30)	B296	V60X60	341.260	0.000	ENVOL	0.175	C18
CB1(N+11.30)	B297	V60X60	0.000	0.000	ENVOL	0.181	C18
CB1(N+11.30)	B297	V60X60	48.000	0.000	ENVOL	0.168	C18
CB1(N+11.30)	B297	V60X60	96.000	0.000	ENVOL	0.154	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 198 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B297	V60X60	144.000	0.000	ENVOL	0.140	C18
CB1(N+11.30)	B297	V60X60	192.000	0.000	ENVOL	0.134	ENVOL
CB1(N+11.30)	B297	V60X60	240.000	0.000	ENVOL	0.146	ENVOL
CB1(N+11.30)	B297	V60X60	240.000	0.000	ENVOL	0.146	ENVOL
CB1(N+11.30)	B297	V60X60	273.753	0.000	ENVOL	0.155	ENVOL
CB1(N+11.30)	B297	V60X60	307.507	0.000	ENVOL	0.164	ENVOL
CB1(N+11.30)	B297	V60X60	341.260	0.000	ENVOL	0.173	C18
CB1(N+11.30)	B306	V40X60	0.000	0.029	ENVOL	0.003	C18
CB1(N+11.30)	B306	V40X60	41.727	0.029	ENVOL	6.508E-04	ENVOL
CB1(N+11.30)	B306	V40X60	83.455	0.029	ENVOL	0.002	ENVOL
CB1(N+11.30)	B306	V40X60	125.182	0.029	ENVOL	4.964E-04	ENVOL
CB1(N+11.30)	B306	V40X60	166.909	0.029	ENVOL	0.003	C18
CB1(N+11.30)	B307	V40X60	0.000	0.019	ENVOL	0.008	ENVOL
CB1(N+11.30)	B307	V40X60	44.364	0.019	ENVOL	0.006	ENVOL
CB1(N+11.30)	B307	V40X60	88.727	0.019	ENVOL	0.006	ENVOL
CB1(N+11.30)	B307	V40X60	133.091	0.019	ENVOL	0.008	ENVOL
CB1(N+11.30)	B308	V40X60	0.000	0.012	ENVOL	0.102	C18
CB1(N+11.30)	B308	V40X60	41.057	0.012	ENVOL	0.100	C18
CB1(N+11.30)	B308	V40X60	82.114	0.012	ENVOL	0.099	C18
CB1(N+11.30)	B308	V40X60	123.171	0.012	ENVOL	0.097	C18
CB1(N+11.30)	B308	V40X60	164.227	0.012	ENVOL	0.095	C18
CB1(N+11.30)	B308	V40X60	205.284	0.012	ENVOL	0.094	C18
CB1(N+11.30)	B310	V40X60	0.000	0.012	ENVOL	0.066	ENVOL
CB1(N+11.30)	B310	V40X60	41.057	0.012	ENVOL	0.068	ENVOL
CB1(N+11.30)	B310	V40X60	82.114	0.012	ENVOL	0.070	ENVOL
CB1(N+11.30)	B310	V40X60	123.171	0.012	ENVOL	0.072	ENVOL
CB1(N+11.30)	B310	V40X60	164.228	0.012	ENVOL	0.074	C14
CB1(N+11.30)	B310	V40X60	205.285	0.012	ENVOL	0.076	C14
CB1(N+11.30)	B310	V40X60	205.285	0.018	ENVOL	0.021	ENVOL
CB1(N+11.30)	B310	V40X60	249.648	0.018	ENVOL	0.019	ENVOL
CB1(N+11.30)	B310	V40X60	294.012	0.018	ENVOL	0.019	ENVOL
CB1(N+11.30)	B310	V40X60	338.375	0.018	ENVOL	0.021	ENVOL
CB1(N+11.30)	B312	V40X60	0.000	0.027	ENVOL	0.003	ENVOL
CB1(N+11.30)	B312	V40X60	41.728	0.027	ENVOL	7.046E-04	ENVOL
CB1(N+11.30)	B312	V40X60	83.455	0.027	ENVOL	0.002	ENVOL
CB1(N+11.30)	B312	V40X60	125.183	0.027	ENVOL	5.314E-04	ENVOL
CB1(N+11.30)	B312	V40X60	166.910	0.027	ENVOL	0.003	ENVOL
CB1(N+11.30)	B322	V20X60	0.000	0.000	ENVOL	0.032	ENVOL
CB1(N+11.30)	B322	V20X60	46.364	0.000	ENVOL	0.018	C18
CB1(N+11.30)	B322	V20X60	92.727	0.000	ENVOL	0.008	C18
CB1(N+11.30)	B322	V20X60	139.091	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	185.454	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	231.818	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	278.182	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	324.545	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	370.909	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B322	V20X60	417.273	0.000	ENVOL	0.007	C18
CB1(N+11.30)	B322	V20X60	463.636	0.000	ENVOL	0.013	C18
CB1(N+11.30)	B322	V20X60	510.000	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B323	V20X60	0.000	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B323	V20X60	46.092	0.000	ENVOL	0.014	C18
CB1(N+11.30)	B323	V20X60	92.185	0.000	ENVOL	0.008	C18
CB1(N+11.30)	B323	V20X60	138.277	0.000	ENVOL	0.002	C18
CB1(N+11.30)	B323	V20X60	184.370	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	230.462	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	276.555	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	322.647	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	368.739	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B323	V20X60	414.832	0.000	ENVOL	0.002	C18
CB1(N+11.30)	B323	V20X60	460.924	0.000	ENVOL	0.011	C18
CB1(N+11.30)	B323	V20X60	507.017	0.000	ENVOL	0.019	C18
CB1(N+11.30)	B323	V20X60	553.109	0.000	ENVOL	0.032	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 199 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B324	V20X60	0.000	0.000	ENVOL	0.032	ENVOL
CB1(N+11.30)	B324	V20X60	46.092	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B324	V20X60	92.185	0.000	ENVOL	0.011	C18
CB1(N+11.30)	B324	V20X60	138.277	0.000	ENVOL	0.002	C18
CB1(N+11.30)	B324	V20X60	184.370	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	230.462	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	276.555	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	322.647	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	368.740	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B324	V20X60	414.832	0.000	ENVOL	0.001	C18
CB1(N+11.30)	B324	V20X60	460.925	0.000	ENVOL	0.008	C18
CB1(N+11.30)	B324	V20X60	507.017	0.000	ENVOL	0.014	C18
CB1(N+11.30)	B324	V20X60	553.110	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B325	V20X60	0.000	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B325	V20X60	46.364	0.000	ENVOL	0.013	C18
CB1(N+11.30)	B325	V20X60	92.727	0.000	ENVOL	0.006	C18
CB1(N+11.30)	B325	V20X60	139.091	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	185.455	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	231.818	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	278.182	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	324.545	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	370.909	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B325	V20X60	417.273	0.000	ENVOL	0.009	C18
CB1(N+11.30)	B325	V20X60	463.636	0.000	ENVOL	0.018	C18
CB1(N+11.30)	B325	V20X60	510.000	0.000	ENVOL	0.032	ENVOL
CB1(N+11.30)	B339	V20X60	0.000	0.000	ENVOL	0.007	ENVOL
CB1(N+11.30)	B339	V20X60	48.534	0.000	ENVOL	0.006	ENVOL
CB1(N+11.30)	B339	V20X60	97.068	0.000	ENVOL	0.005	ENVOL
CB1(N+11.30)	B339	V20X60	145.602	0.000	ENVOL	0.004	C18
CB1(N+11.30)	B339	V20X60	194.137	0.000	ENVOL	0.005	ENVOL
CB1(N+11.30)	B339	V20X60	242.671	0.000	ENVOL	0.006	ENVOL
CB1(N+11.30)	B339	V20X60	291.205	0.000	ENVOL	0.007	ENVOL
CB1(N+11.30)	B340	V20X60	0.000	0.000	ENVOL	0.007	ENVOL
CB1(N+11.30)	B340	V20X60	48.534	0.000	ENVOL	0.006	ENVOL
CB1(N+11.30)	B340	V20X60	97.068	0.000	ENVOL	0.005	ENVOL
CB1(N+11.30)	B340	V20X60	145.603	0.000	ENVOL	0.004	C18
CB1(N+11.30)	B340	V20X60	194.137	0.000	ENVOL	0.005	ENVOL
CB1(N+11.30)	B340	V20X60	242.671	0.000	ENVOL	0.006	ENVOL
CB1(N+11.30)	B340	V20X60	291.205	0.000	ENVOL	0.008	ENVOL
CB1(N+11.30)	B348	V20X60	0.000	0.000	ENVOL	0.021	C18
CB1(N+11.30)	B348	V20X60	50.000	0.000	ENVOL	0.015	C18
CB1(N+11.30)	B348	V20X60	100.000	0.000	ENVOL	0.021	C18
CB1(N+11.30)	B349	V20X60	0.000	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B349	V20X60	50.000	0.000	ENVOL	0.014	C18
CB1(N+11.30)	B349	V20X60	100.000	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B351	V60X60	0.000	0.000	ENVOL	0.161	ENVOL
CB1(N+11.30)	B351	V60X60	40.369	0.000	ENVOL	0.158	ENVOL
CB1(N+11.30)	B351	V60X60	80.737	0.000	ENVOL	0.155	ENVOL
CB1(N+11.30)	B352	V60X60	0.000	0.000	ENVOL	0.162	ENVOL
CB1(N+11.30)	B352	V60X60	31.812	0.000	ENVOL	0.164	ENVOL
CB1(N+11.30)	B353	V20X60	0.000	0.000	ENVOL	0.017	ENVOL
CB1(N+11.30)	B353	V20X60	42.884	0.000	ENVOL	0.015	ENVOL
CB1(N+11.30)	B353	V20X60	85.767	0.000	ENVOL	0.013	ENVOL
CB1(N+11.30)	B353	V20X60	128.651	0.000	ENVOL	0.010	ENVOL
CB1(N+11.30)	B353	V20X60	171.535	0.000	ENVOL	0.014	ENVOL
CB1(N+11.30)	B353	V20X60	214.418	0.000	ENVOL	0.019	ENVOL
CB1(N+11.30)	B354	V20X60	0.000	0.000	ENVOL	0.018	ENVOL
CB1(N+11.30)	B354	V20X60	42.884	0.000	ENVOL	0.014	ENVOL
CB1(N+11.30)	B354	V20X60	85.767	0.000	ENVOL	0.010	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 200 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B354	V20X60	128.651	0.000	ENVOL	0.013	ENVOL
CB1(N+11.30)	B354	V20X60	171.535	0.000	ENVOL	0.016	ENVOL
CB1(N+11.30)	B354	V20X60	214.418	0.000	ENVOL	0.017	ENVOL
CB1(N+11.30)	B357	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	46.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	92.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	138.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	184.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B357	V60X60	230.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	46.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	92.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	138.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	184.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B358	V60X60	230.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	0.000	0.014	ENVOL	0.009	ENVOL
CB1(N+11.30)	B402	V30X60	48.120	0.014	ENVOL	0.003	ENVOL
CB1(N+11.30)	B402	V30X60	96.240	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	144.360	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	192.481	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	240.601	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	288.721	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	336.841	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	384.961	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	433.081	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	481.202	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	529.322	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	577.442	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B402	V30X60	625.562	0.014	ENVOL	0.005	ENVOL
CB1(N+11.30)	B402	V30X60	673.682	0.014	ENVOL	0.013	ENVOL
CB1(N+11.30)	B402	V30X60	721.802	0.014	ENVOL	0.022	ENVOL
CB1(N+11.30)	B402	V30X60	769.922	0.014	ENVOL	0.033	ENVOL
CB1(N+11.30)	B402	V30X60	818.043	0.014	ENVOL	0.044	ENVOL
CB1(N+11.30)	B403	V30X60	0.000	0.013	ENVOL	0.036	ENVOL
CB1(N+11.30)	B403	V30X60	49.905	0.013	ENVOL	0.025	ENVOL
CB1(N+11.30)	B403	V30X60	99.811	0.013	ENVOL	0.014	ENVOL
CB1(N+11.30)	B403	V30X60	149.716	0.013	ENVOL	0.005	ENVOL
CB1(N+11.30)	B403	V30X60	199.622	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	249.527	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	299.433	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	349.338	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	399.244	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	449.149	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	499.055	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	548.960	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	598.866	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	648.771	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	698.677	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	748.582	0.013	ENVOL	0.000	ENVOL
CB1(N+11.30)	B403	V30X60	798.488	0.013	ENVOL	0.004	ENVOL
CB1(N+11.30)	B404	V40X60	0.000	0.000	ENVOL	0.012	C18
CB1(N+11.30)	B404	V40X60	49.320	0.000	ENVOL	0.009	C18
CB1(N+11.30)	B404	V40X60	98.639	0.000	ENVOL	0.003	C18
CB1(N+11.30)	B404	V40X60	147.959	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	197.279	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	246.598	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	295.918	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	345.238	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	394.557	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	443.877	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	493.197	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	542.517	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	591.836	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	641.156	0.000	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 201 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B404	V40X60	690.476	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B404	V40X60	739.795	0.000	ENVOL	1.296E-04	C18
CB1(N+11.30)	B404	V40X60	789.115	0.000	ENVOL	0.008	C18
CB1(N+11.30)	B405	V40X60	0.000	0.000	ENVOL	0.010	C18
CB1(N+11.30)	B405	V40X60	49.320	0.000	ENVOL	0.003	C18
CB1(N+11.30)	B405	V40X60	98.639	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	147.959	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	197.279	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	246.598	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	295.918	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	345.238	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	394.557	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	443.877	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	493.197	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	542.517	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	591.836	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B405	V40X60	641.156	0.000	ENVOL	0.001	C18
CB1(N+11.30)	B405	V40X60	690.476	0.000	ENVOL	0.009	C18
CB1(N+11.30)	B405	V40X60	739.795	0.000	ENVOL	0.015	C18
CB1(N+11.30)	B405	V40X60	789.115	0.000	ENVOL	0.019	C18
CB1(N+11.30)	B406	V50X60	0.000	0.000	ENVOL	0.031	ENVOL
CB1(N+11.30)	B406	V50X60	49.003	0.000	ENVOL	0.024	ENVOL
CB1(N+11.30)	B406	V50X60	98.005	0.000	ENVOL	0.016	ENVOL
CB1(N+11.30)	B406	V50X60	147.008	0.000	ENVOL	0.009	ENVOL
CB1(N+11.30)	B406	V50X60	196.011	0.000	ENVOL	0.001	ENVOL
CB1(N+11.30)	B406	V50X60	245.014	0.000	ENVOL	0.006	C18
CB1(N+11.30)	B406	V50X60	294.016	0.000	ENVOL	0.013	ENVOL
CB1(N+11.30)	B406	V50X60	343.019	0.000	ENVOL	0.024	ENVOL
CB1(N+11.30)	B406	V50X60	392.022	0.000	ENVOL	0.017	C18
CB1(N+11.30)	B406	V50X60	441.024	0.000	ENVOL	0.011	ENVOL
CB1(N+11.30)	B406	V50X60	490.027	0.000	ENVOL	0.004	C18
CB1(N+11.30)	B406	V50X60	539.030	0.000	ENVOL	0.002	ENVOL
CB1(N+11.30)	B406	V50X60	588.032	0.000	ENVOL	0.009	ENVOL
CB1(N+11.30)	B406	V50X60	637.035	0.000	ENVOL	0.015	ENVOL
CB1(N+11.30)	B406	V50X60	686.038	0.000	ENVOL	0.021	ENVOL
CB1(N+11.30)	B410	V50X60	0.000	0.000	ENVOL	0.034	ENVOL
CB1(N+11.30)	B410	V50X60	49.003	0.000	ENVOL	0.026	ENVOL
CB1(N+11.30)	B410	V50X60	98.005	0.000	ENVOL	0.019	ENVOL
CB1(N+11.30)	B410	V50X60	147.008	0.000	ENVOL	0.011	ENVOL
CB1(N+11.30)	B410	V50X60	196.011	0.000	ENVOL	0.004	ENVOL
CB1(N+11.30)	B410	V50X60	245.014	0.000	ENVOL	0.003	ENVOL
CB1(N+11.30)	B410	V50X60	294.016	0.000	ENVOL	0.011	ENVOL
CB1(N+11.30)	B410	V50X60	343.019	0.000	ENVOL	0.026	ENVOL
CB1(N+11.30)	B410	V50X60	392.022	0.000	ENVOL	0.020	ENVOL
CB1(N+11.30)	B410	V50X60	441.024	0.000	ENVOL	0.013	ENVOL
CB1(N+11.30)	B410	V50X60	490.027	0.000	ENVOL	0.006	ENVOL
CB1(N+11.30)	B410	V50X60	539.030	0.000	ENVOL	4.293E-05	C18
CB1(N+11.30)	B410	V50X60	588.032	0.000	ENVOL	0.006	ENVOL
CB1(N+11.30)	B410	V50X60	637.035	0.000	ENVOL	0.012	ENVOL
CB1(N+11.30)	B410	V50X60	686.038	0.000	ENVOL	0.018	ENVOL
CB1(N+11.30)	B427	V40X60	20.000	0.017	ENVOL	0.037	ENVOL
CB1(N+11.30)	B427	V40X60	68.604	0.017	ENVOL	0.034	ENVOL
CB1(N+11.30)	B427	V40X60	117.208	0.017	ENVOL	0.032	ENVOL
CB1(N+11.30)	B427	V40X60	165.812	0.017	ENVOL	0.030	ENVOL
CB1(N+11.30)	B427	V40X60	214.417	0.017	ENVOL	0.032	C18
CB1(N+11.30)	B427	V40X60	263.021	0.017	ENVOL	0.034	C18
CB1(N+11.30)	B427	V40X60	311.625	0.017	ENVOL	0.035	C18
CB1(N+11.30)	B427	V40X60	360.229	0.017	ENVOL	0.038	ENVOL
CB1(N+11.30)	B427	V40X60	408.833	0.017	ENVOL	0.040	ENVOL
CB1(N+11.30)	B427	V40X60	457.437	0.017	ENVOL	0.042	ENVOL
CB1(N+11.30)	B427	V40X60	506.041	0.017	ENVOL	0.044	ENVOL
CB1(N+11.30)	B427	V40X60	554.646	0.017	ENVOL	0.047	ENVOL
CB1(N+11.30)	B427	V40X60	603.250	0.017	ENVOL	0.049	ENVOL
CB1(N+11.30)	B429	V40X60	0.000	0.018	ENVOL	0.046	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 202 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B429	V40X60	48.604	0.018	ENVOL	0.044	ENVOL
CB1(N+11.30)	B429	V40X60	97.208	0.018	ENVOL	0.042	ENVOL
CB1(N+11.30)	B429	V40X60	145.813	0.018	ENVOL	0.039	ENVOL
CB1(N+11.30)	B429	V40X60	194.417	0.018	ENVOL	0.037	ENVOL
CB1(N+11.30)	B429	V40X60	243.021	0.018	ENVOL	0.035	ENVOL
CB1(N+11.30)	B429	V40X60	291.625	0.018	ENVOL	0.033	C18
CB1(N+11.30)	B429	V40X60	340.229	0.018	ENVOL	0.031	C18
CB1(N+11.30)	B429	V40X60	388.834	0.018	ENVOL	0.029	C18
CB1(N+11.30)	B429	V40X60	437.438	0.018	ENVOL	0.030	ENVOL
CB1(N+11.30)	B429	V40X60	486.042	0.018	ENVOL	0.033	ENVOL
CB1(N+11.30)	B429	V40X60	534.646	0.018	ENVOL	0.035	ENVOL
CB1(N+11.30)	B429	V40X60	583.251	0.018	ENVOL	0.037	ENVOL
CB1(N+11.30)	B433	V40X60	0.000	0.048	ENVOL	0.006	ENVOL
CB1(N+11.30)	B433	V40X60	37.500	0.048	ENVOL	0.004	ENVOL
CB1(N+11.30)	B433	V40X60	75.000	0.048	ENVOL	0.005	ENVOL
CB1(N+11.30)	B435	V40X60	0.000	0.048	ENVOL	0.000	ENVOL
CB1(N+11.30)	B435	V40X60	41.306	0.048	ENVOL	0.000	ENVOL
CB1(N+11.30)	B435	V40X60	41.306	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B435	V40X60	79.729	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B435	V40X60	118.153	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B435	V40X60	156.576	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B435	V40X60	195.000	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B437	V40X60	0.000	0.000	ENVOL	0.087	C18
CB1(N+11.30)	B437	V40X60	46.160	0.000	ENVOL	0.085	C18
CB1(N+11.30)	B437	V40X60	92.319	0.000	ENVOL	0.083	C18
CB1(N+11.30)	B437	V40X60	138.479	0.000	ENVOL	0.081	C18
CB1(N+11.30)	B437	V40X60	184.639	0.000	ENVOL	0.080	C18
CB1(N+11.30)	B437	V40X60	230.798	0.000	ENVOL	0.078	C18
CB1(N+11.30)	B437	V40X60	276.958	0.000	ENVOL	0.076	C18
CB1(N+11.30)	B437	V40X60	323.117	0.000	ENVOL	0.074	C18
CB1(N+11.30)	B437	V40X60	369.277	0.000	ENVOL	0.074	ENVOL
CB1(N+11.30)	B437	V40X60	415.437	0.000	ENVOL	0.076	ENVOL
CB1(N+11.30)	B439	V40X60	0.000	0.000	ENVOL	0.106	C18
CB1(N+11.30)	B439	V40X60	46.630	0.000	ENVOL	0.104	C18
CB1(N+11.30)	B439	V40X60	93.261	0.000	ENVOL	0.102	C18
CB1(N+11.30)	B439	V40X60	139.891	0.000	ENVOL	0.100	C18
CB1(N+11.30)	B439	V40X60	186.521	0.000	ENVOL	0.098	C18
CB1(N+11.30)	B439	V40X60	233.151	0.000	ENVOL	0.096	C18
CB1(N+11.30)	B439	V40X60	279.782	0.000	ENVOL	0.094	C18
CB1(N+11.30)	B439	V40X60	326.412	0.000	ENVOL	0.092	C18
CB1(N+11.30)	B439	V40X60	373.042	0.000	ENVOL	0.091	C18
CB1(N+11.30)	B439	V40X60	419.672	0.000	ENVOL	0.089	C18
CB1(N+11.30)	B439	V40X60	466.303	0.000	ENVOL	0.087	C18
CB1(N+11.30)	B439	V40X60	512.933	0.000	ENVOL	0.085	C18
CB1(N+11.30)	B439	V40X60	559.563	0.000	ENVOL	0.083	C18
CB1(N+11.30)	B442	V40X60	0.000	0.000	ENVOL	0.086	C18
CB1(N+11.30)	B442	V40X60	46.630	0.000	ENVOL	0.087	C18
CB1(N+11.30)	B442	V40X60	93.261	0.000	ENVOL	0.089	C18
CB1(N+11.30)	B442	V40X60	139.891	0.000	ENVOL	0.091	C18
CB1(N+11.30)	B442	V40X60	186.521	0.000	ENVOL	0.093	C18
CB1(N+11.30)	B442	V40X60	233.151	0.000	ENVOL	0.095	C18
CB1(N+11.30)	B442	V40X60	279.782	0.000	ENVOL	0.097	C18
CB1(N+11.30)	B442	V40X60	326.412	0.000	ENVOL	0.099	C18
CB1(N+11.30)	B442	V40X60	373.042	0.000	ENVOL	0.101	C18
CB1(N+11.30)	B442	V40X60	419.672	0.000	ENVOL	0.102	C18
CB1(N+11.30)	B442	V40X60	466.303	0.000	ENVOL	0.104	C18
CB1(N+11.30)	B442	V40X60	512.933	0.000	ENVOL	0.106	C18
CB1(N+11.30)	B442	V40X60	559.563	0.000	ENVOL	0.108	C18
CB1(N+11.30)	B443	V40X60	0.000	0.000	ENVOL	0.085	C18
CB1(N+11.30)	B443	V40X60	46.160	0.000	ENVOL	0.087	C18
CB1(N+11.30)	B443	V40X60	92.319	0.000	ENVOL	0.089	C18
CB1(N+11.30)	B443	V40X60	138.479	0.000	ENVOL	0.091	C18
CB1(N+11.30)	B443	V40X60	184.639	0.000	ENVOL	0.093	C18




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 203 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B443	V40X60	230.798	0.000	ENVOL	0.095	C18
CB1(N+11.30)	B443	V40X60	276.958	0.000	ENVOL	0.096	C18
CB1(N+11.30)	B443	V40X60	323.118	0.000	ENVOL	0.098	C18
CB1(N+11.30)	B443	V40X60	369.277	0.000	ENVOL	0.100	C18
CB1(N+11.30)	B443	V40X60	415.437	0.000	ENVOL	0.102	C18
CB1(N+11.30)	B445	V40X60	0.000	0.025	ENVOL	0.000	ENVOL
CB1(N+11.30)	B445	V40X60	38.424	0.025	ENVOL	0.000	ENVOL
CB1(N+11.30)	B445	V40X60	76.848	0.025	ENVOL	0.000	ENVOL
CB1(N+11.30)	B445	V40X60	115.271	0.025	ENVOL	0.000	ENVOL
CB1(N+11.30)	B445	V40X60	153.695	0.025	ENVOL	0.000	ENVOL
CB1(N+11.30)	B445	V40X60	153.695	0.045	ENVOL	0.000	ENVOL
CB1(N+11.30)	B445	V40X60	195.000	0.045	ENVOL	0.000	ENVOL
CB1(N+11.30)	B447	V40X60	0.000	0.045	ENVOL	0.006	ENVOL
CB1(N+11.30)	B447	V40X60	37.500	0.045	ENVOL	0.004	ENVOL
CB1(N+11.30)	B447	V40X60	75.000	0.045	ENVOL	0.006	ENVOL
CB1(N+11.30)	B449	V60X90	0.000	0.000	ENVOL	0.047	C18
CB1(N+11.30)	B449	V60X90	38.827	0.000	ENVOL	0.041	C18
CB1(N+11.30)	B449	V60X90	77.654	0.000	ENVOL	0.034	C18
CB1(N+11.30)	B449	V60X90	116.481	0.000	ENVOL	0.028	C18
CB1(N+11.30)	B449	V60X90	155.308	0.000	ENVOL	0.027	C18
CB1(N+11.30)	B451	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	38.827	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	77.654	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	116.481	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	155.308	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	155.308	0.073	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	195.308	0.073	ENVOL	0.000	ENVOL
CB1(N+11.30)	B451	V60X60	235.308	0.073	ENVOL	0.000	ENVOL
CB1(N+11.30)	B452	V30X60	0.000	0.020	ENVOL	0.027	C18
CB1(N+11.30)	B452	V30X60	46.875	0.020	ENVOL	0.017	C18
CB1(N+11.30)	B452	V30X60	93.750	0.020	ENVOL	0.008	C18
CB1(N+11.30)	B452	V30X60	140.625	0.020	ENVOL	0.000	ENVOL
CB1(N+11.30)	B452	V30X60	187.500	0.020	ENVOL	0.000	ENVOL
CB1(N+11.30)	B452	V30X60	234.375	0.020	ENVOL	0.000	ENVOL
CB1(N+11.30)	B452	V30X60	281.250	0.020	ENVOL	0.000	ENVOL
CB1(N+11.30)	B452	V30X60	328.125	0.020	ENVOL	0.000	ENVOL
CB1(N+11.30)	B452	V30X60	375.000	0.020	ENVOL	0.005	C18
CB1(N+11.30)	B454	V30X60	0.000	0.000	ENVOL	0.058	C18
CB1(N+11.30)	B454	V30X60	46.875	0.000	ENVOL	0.047	C18
CB1(N+11.30)	B454	V30X60	93.750	0.000	ENVOL	0.035	C18
CB1(N+11.30)	B454	V30X60	140.625	0.000	ENVOL	0.019	C18
CB1(N+11.30)	B454	V30X60	187.500	0.000	ENVOL	0.003	C18
CB1(N+11.30)	B454	V30X60	234.375	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B454	V30X60	281.250	0.000	ENVOL	0.014	C18
CB1(N+11.30)	B454	V30X60	328.125	0.000	ENVOL	0.031	C18
CB1(N+11.30)	B454	V30X60	375.000	0.000	ENVOL	0.048	C18
CB1(N+11.30)	B457	V30X60	0.000	0.000	ENVOL	0.055	C18
CB1(N+11.30)	B457	V30X60	46.875	0.000	ENVOL	0.044	C18
CB1(N+11.30)	B457	V30X60	93.750	0.000	ENVOL	0.031	C18
CB1(N+11.30)	B457	V30X60	140.625	0.000	ENVOL	0.016	C18
CB1(N+11.30)	B457	V30X60	187.500	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	234.375	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B457	V30X60	281.250	0.000	ENVOL	0.017	C18
CB1(N+11.30)	B457	V30X60	328.125	0.000	ENVOL	0.034	C18
CB1(N+11.30)	B457	V30X60	375.000	0.000	ENVOL	0.051	C18
CB1(N+11.30)	B458	V30X60	0.000	0.013	ENVOL	0.107	C18
CB1(N+11.30)	B458	V30X60	46.875	0.013	ENVOL	0.095	C18
CB1(N+11.30)	B458	V30X60	93.750	0.013	ENVOL	0.082	C18
CB1(N+11.30)	B458	V30X60	140.625	0.013	ENVOL	0.069	C18
CB1(N+11.30)	B458	V30X60	187.500	0.013	ENVOL	0.057	ENVOL
CB1(N+11.30)	B458	V30X60	234.375	0.013	ENVOL	0.070	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 204 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B458	V30X60	281.250	0.013	ENVOL	0.083	C18
CB1(N+11.30)	B458	V30X60	328.125	0.013	ENVOL	0.095	C18
CB1(N+11.30)	B458	V30X60	375.000	0.013	ENVOL	0.108	C18
CB1(N+11.30)	B459	V60X90	0.000	0.081	ENVOL	0.034	C18
CB1(N+11.30)	B459	V60X90	40.000	0.081	ENVOL	0.027	C18
CB1(N+11.30)	B459	V60X90	80.000	0.081	ENVOL	0.027	C18
CB1(N+11.30)	B461	V60X100	0.000	0.000	ENVOL	0.278	C18
CB1(N+11.30)	B461	V60X100	46.309	0.000	ENVOL	0.275	C18
CB1(N+11.30)	B461	V60X100	92.617	0.000	ENVOL	0.273	C18
CB1(N+11.30)	B461	V60X100	138.926	0.000	ENVOL	0.270	C18
CB1(N+11.30)	B461	V60X100	185.235	0.000	ENVOL	0.267	C18
CB1(N+11.30)	B461	V60X100	231.543	0.000	ENVOL	0.265	C18
CB1(N+11.30)	B461	V60X100	277.852	0.000	ENVOL	0.262	C18
CB1(N+11.30)	B461	V60X100	324.160	0.000	ENVOL	0.259	C18
CB1(N+11.30)	B461	V60X100	370.469	0.000	ENVOL	0.256	C18
CB1(N+11.30)	B461	V60X100	416.778	0.000	ENVOL	0.254	C18
CB1(N+11.30)	B461	V60X100	463.086	0.000	ENVOL	0.251	C18
CB1(N+11.30)	B461	V60X100	509.395	0.000	ENVOL	0.248	C18
CB1(N+11.30)	B461	V60X100	555.704	0.000	ENVOL	0.246	C18
CB1(N+11.30)	B461	V60X100	602.012	0.000	ENVOL	0.243	C18
CB1(N+11.30)	B463	V60X100	0.000	0.000	ENVOL	0.250	C18
CB1(N+11.30)	B463	V60X100	46.309	0.000	ENVOL	0.253	C18
CB1(N+11.30)	B463	V60X100	92.617	0.000	ENVOL	0.256	C18
CB1(N+11.30)	B463	V60X100	138.926	0.000	ENVOL	0.258	C18
CB1(N+11.30)	B463	V60X100	185.234	0.000	ENVOL	0.261	C18
CB1(N+11.30)	B463	V60X100	231.543	0.000	ENVOL	0.264	C18
CB1(N+11.30)	B463	V60X100	277.852	0.000	ENVOL	0.266	C18
CB1(N+11.30)	B463	V60X100	324.160	0.000	ENVOL	0.269	C18
CB1(N+11.30)	B463	V60X100	370.469	0.000	ENVOL	0.272	C18
CB1(N+11.30)	B463	V60X100	416.778	0.000	ENVOL	0.274	C18
CB1(N+11.30)	B463	V60X100	463.086	0.000	ENVOL	0.277	C18
CB1(N+11.30)	B463	V60X100	509.395	0.000	ENVOL	0.280	C18
CB1(N+11.30)	B463	V60X100	555.703	0.000	ENVOL	0.282	C18
CB1(N+11.30)	B463	V60X100	602.012	0.000	ENVOL	0.285	C18
CB1(N+11.30)	B464	V60X100	0.000	0.022	ENVOL	0.331	C18
CB1(N+11.30)	B464	V60X100	49.957	0.022	ENVOL	0.327	C18
CB1(N+11.30)	B464	V60X100	99.915	0.022	ENVOL	0.323	C18
CB1(N+11.30)	B464	V60X100	149.872	0.022	ENVOL	0.318	C18
CB1(N+11.30)	B464	V60X100	199.829	0.022	ENVOL	0.314	C18
CB1(N+11.30)	B464	V60X100	249.787	0.022	ENVOL	0.309	C18
CB1(N+11.30)	B464	V60X100	299.744	0.022	ENVOL	0.305	C18
CB1(N+11.30)	B464	V60X100	349.701	0.022	ENVOL	0.301	C18
CB1(N+11.30)	B464	V60X100	399.659	0.022	ENVOL	0.296	C18
CB1(N+11.30)	B468	V60X100	0.000	0.030	ENVOL	0.293	C18
CB1(N+11.30)	B468	V60X100	49.957	0.030	ENVOL	0.298	C18
CB1(N+11.30)	B468	V60X100	99.915	0.030	ENVOL	0.302	C18
CB1(N+11.30)	B468	V60X100	149.872	0.030	ENVOL	0.306	C18
CB1(N+11.30)	B468	V60X100	199.830	0.030	ENVOL	0.311	C18
CB1(N+11.30)	B468	V60X100	249.787	0.030	ENVOL	0.315	C18
CB1(N+11.30)	B468	V60X100	299.744	0.030	ENVOL	0.319	C18
CB1(N+11.30)	B468	V60X100	349.702	0.030	ENVOL	0.324	C18
CB1(N+11.30)	B468	V60X100	399.659	0.030	ENVOL	0.328	C18
CB1(N+11.30)	B469	V60X60	0.000	0.041	ENVOL	0.124	C18
CB1(N+11.30)	B469	V60X60	39.375	0.041	ENVOL	0.127	C18
CB1(N+11.30)	B469	V60X60	78.750	0.041	ENVOL	0.129	C18
CB1(N+11.30)	B469	V60X60	118.125	0.041	ENVOL	0.132	C18
CB1(N+11.30)	B469	V60X60	118.125	0.041	ENVOL	0.157	C18
CB1(N+11.30)	B469	V60X60	165.000	0.041	ENVOL	0.160	C18
CB1(N+11.30)	B470	V60X60	0.000	0.036	ENVOL	0.013	ENVOL
CB1(N+11.30)	B470	V60X60	37.500	0.036	ENVOL	0.012	C18
CB1(N+11.30)	B470	V60X60	75.000	0.036	ENVOL	0.016	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 205 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B471	V60X100	0.000	0.052	ENVOL	0.032	ENVOL
CB1(N+11.30)	B471	V60X100	48.750	0.052	ENVOL	0.029	ENVOL
CB1(N+11.30)	B471	V60X100	97.500	0.052	ENVOL	0.030	ENVOL
CB1(N+11.30)	B471	V60X100	146.250	0.052	ENVOL	0.034	ENVOL
CB1(N+11.30)	B471	V60X100	195.000	0.052	ENVOL	0.037	ENVOL
CB1(N+11.30)	B478	V60X100	0.000	0.060	ENVOL	0.035	ENVOL
CB1(N+11.30)	B478	V60X100	48.750	0.060	ENVOL	0.032	ENVOL
CB1(N+11.30)	B478	V60X100	97.500	0.060	ENVOL	0.034	C18
CB1(N+11.30)	B478	V60X100	146.250	0.060	ENVOL	0.037	ENVOL
CB1(N+11.30)	B478	V60X100	195.000	0.060	ENVOL	0.040	ENVOL
CB1(N+11.30)	B479	V60X60	0.000	0.052	ENVOL	0.052	ENVOL
CB1(N+11.30)	B479	V60X60	25.000	0.052	ENVOL	0.053	ENVOL
CB1(N+11.30)	B487	V30X60	0.000	0.019	ENVOL	0.163	C18
CB1(N+11.30)	B487	V30X60	42.000	0.019	ENVOL	0.170	C18
CB1(N+11.30)	B487	V30X60	84.000	0.019	ENVOL	0.178	C18
CB1(N+11.30)	B487	V30X60	126.000	0.019	ENVOL	0.186	C18
CB1(N+11.30)	B487	V30X60	168.000	0.019	ENVOL	0.196	C18
CB1(N+11.30)	B488	V60X90	0.000	0.049	ENVOL	0.002	ENVOL
CB1(N+11.30)	B488	V60X90	48.413	0.049	ENVOL	0.007	ENVOL
CB1(N+11.30)	B488	V60X90	96.826	0.049	ENVOL	0.013	ENVOL
CB1(N+11.30)	B488	V60X90	145.239	0.049	ENVOL	0.020	ENVOL
CB1(N+11.30)	B488	V60X90	193.653	0.049	ENVOL	0.027	ENVOL
CB1(N+11.30)	B488	V60X90	193.653	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B488	V60X90	238.903	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B488	V60X90	284.153	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B488	V60X90	329.403	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B488	V60X90	374.653	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B488	V60X90	419.902	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B488	V60X90	465.152	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B488	V60X90	510.402	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B488	V60X90	555.652	0.014	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	48.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	96.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	144.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	192.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B489	V20X60	240.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	0.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	47.665	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	95.331	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	142.996	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	190.662	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	238.327	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	285.993	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	333.658	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	381.323	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	428.989	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	476.654	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	524.320	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	571.985	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	619.651	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	667.316	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	667.316	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	714.981	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	762.647	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	810.312	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	857.978	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	905.643	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	953.309	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1000.974	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1048.639	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1096.305	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1143.970	0.000	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 206 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B491	V50X60	1191.636	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1239.301	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B491	V50X60	1286.967	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	0.000	0.018	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	46.784	0.018	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	93.568	0.018	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	140.352	0.018	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	187.136	0.018	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	233.920	0.018	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	280.704	0.018	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	327.488	0.018	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	374.272	0.018	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	374.272	0.033	ENVOL	0.005	ENVOL
CB1(N+11.30)	B495	V60X90	384.784	0.033	ENVOL	0.003	ENVOL
CB1(N+11.30)	B495	V60X90	384.784	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	430.534	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	476.284	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	522.034	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	567.783	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	613.533	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	659.283	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	705.033	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	705.033	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	749.355	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	793.677	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	837.998	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	882.320	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	926.641	0.023	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	926.641	0.080	ENVOL	0.000	ENVOL
CB1(N+11.30)	B495	V60X90	973.943	0.080	ENVOL	0.002	ENVOL
CB1(N+11.30)	B495	V60X90	1021.245	0.080	ENVOL	0.008	ENVOL
CB1(N+11.30)	B495	V60X90	1068.546	0.080	ENVOL	0.013	ENVOL
CB1(N+11.30)	B495	V60X90	1115.848	0.080	ENVOL	0.017	ENVOL
CB1(N+11.30)	B495	V60X90	1163.150	0.080	ENVOL	0.022	ENVOL
CB1(N+11.30)	B495	V60X90	1210.451	0.080	ENVOL	0.025	ENVOL
CB1(N+11.30)	B496	V40X60	0.000	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	49.964	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	99.927	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	149.891	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	199.855	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	249.819	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	299.782	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	349.746	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	399.710	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	449.673	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	499.637	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	549.601	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	599.565	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	649.528	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	699.492	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	749.456	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	799.419	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B496	V40X60	849.383	0.028	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	0.000	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	46.863	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	93.726	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	140.589	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	187.451	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	234.314	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	281.177	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	328.040	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	374.903	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	421.766	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	468.629	0.030	ENVOL	0.000	ENVOL
CB1(N+11.30)	B497	V40X60	515.491	0.030	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 207 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B498	V60X90	0.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	42.898	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	85.796	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	128.694	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	171.593	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	214.491	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	257.389	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	257.389	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	291.069	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	324.749	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	358.428	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	358.428	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	401.591	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	444.753	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	487.915	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	531.078	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	574.240	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	617.402	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	617.402	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	666.121	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	714.839	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	763.557	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	812.276	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	860.994	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	909.712	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	958.431	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1007.149	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1055.867	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1104.586	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1153.304	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1202.023	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1250.741	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1299.459	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1348.178	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1396.896	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1445.614	0.019	ENVOL	0.000	ENVOL
CB1(N+11.30)	B498	V60X90	1494.333	0.019	ENVOL	0.001	ENVOL

CB1(N+11.30)	B500	V40X60	0.000	0.000	ENVOL	0.041	C18
CB1(N+11.30)	B500	V40X60	48.000	0.000	ENVOL	0.035	C18
CB1(N+11.30)	B500	V40X60	96.000	0.000	ENVOL	0.029	C18
CB1(N+11.30)	B500	V40X60	144.000	0.000	ENVOL	0.023	C18
CB1(N+11.30)	B500	V40X60	192.000	0.000	ENVOL	0.016	C18
CB1(N+11.30)	B500	V40X60	240.000	0.000	ENVOL	0.009	C18
CB1(N+11.30)	B500	V40X60	288.000	0.000	ENVOL	0.002	C18
CB1(N+11.30)	B500	V40X60	336.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	384.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	432.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	480.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	528.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	576.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	624.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	672.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B500	V40X60	720.000	0.000	ENVOL	0.008	C18
CB1(N+11.30)	B500	V40X60	768.000	0.000	ENVOL	0.018	C18
CB1(N+11.30)	B500	V40X60	816.000	0.000	ENVOL	0.029	C18
CB1(N+11.30)	B500	V40X60	864.000	0.000	ENVOL	0.040	C18
CB1(N+11.30)	B500	V40X60	912.000	0.000	ENVOL	0.052	ENVOL
CB1(N+11.30)	B500	V40X60	960.000	0.000	ENVOL	0.069	ENVOL
CB1(N+11.30)	B500	V40X60	1008.000	0.000	ENVOL	0.086	ENVOL


CB1(N+11.30)	B503	V50X60	0.000	0.000	ENVOL	0.072	ENVOL
CB1(N+11.30)	B503	V50X60	48.235	0.000	ENVOL	0.056	ENVOL
CB1(N+11.30)	B503	V50X60	96.471	0.000	ENVOL	0.042	C18
CB1(N+11.30)	B503	V50X60	144.706	0.000	ENVOL	0.031	C18
CB1(N+11.30)	B503	V50X60	192.941	0.000	ENVOL	0.021	C18
CB1(N+11.30)	B503	V50X60	241.176	0.000	ENVOL	0.010	C18
CB1(N+11.30)	B503	V50X60	289.412	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	337.647	0.000	ENVOL	0.000	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 208 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B503	V50X60	385.882	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	434.118	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	482.353	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	530.588	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	578.824	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	627.059	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	675.294	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B503	V50X60	723.529	0.000	ENVOL	9.438E-04	C18
CB1(N+11.30)	B503	V50X60	771.765	0.000	ENVOL	0.012	C18
CB1(N+11.30)	B503	V50X60	820.000	0.000	ENVOL	0.022	C18
CB1(N+11.30)	B503	V50X60	820.000	0.000	ENVOL	0.025	C18
CB1(N+11.30)	B503	V50X60	867.000	0.000	ENVOL	0.035	C18
CB1(N+11.30)	B503	V50X60	914.000	0.000	ENVOL	0.046	C18
CB1(N+11.30)	B503	V50X60	961.000	0.000	ENVOL	0.061	ENVOL
CB1(N+11.30)	B503	V50X60	1008.000	0.000	ENVOL	0.076	ENVOL
CB1(N+11.30)	B504	V30X60	0.000	0.000	ENVOL	0.086	ENVOL
CB1(N+11.30)	B504	V30X60	47.000	0.000	ENVOL	0.073	ENVOL
CB1(N+11.30)	B504	V30X60	94.000	0.000	ENVOL	0.060	ENVOL
CB1(N+11.30)	B504	V30X60	141.000	0.000	ENVOL	0.051	C18
CB1(N+11.30)	B504	V30X60	188.000	0.000	ENVOL	0.041	C18
CB1(N+11.30)	B504	V30X60	188.000	0.000	ENVOL	0.039	C18
CB1(N+11.30)	B504	V30X60	236.235	0.000	ENVOL	0.030	C18
CB1(N+11.30)	B504	V30X60	284.470	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B504	V30X60	332.706	0.000	ENVOL	0.011	C18
CB1(N+11.30)	B504	V30X60	380.941	0.000	ENVOL	0.002	C18
CB1(N+11.30)	B504	V30X60	429.176	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	477.412	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	525.647	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	573.882	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	622.117	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B504	V30X60	670.353	0.000	ENVOL	0.007	C18
CB1(N+11.30)	B504	V30X60	718.588	0.000	ENVOL	0.017	C18
CB1(N+11.30)	B504	V30X60	766.823	0.000	ENVOL	0.026	C18
CB1(N+11.30)	B504	V30X60	815.059	0.000	ENVOL	0.036	C18
CB1(N+11.30)	B504	V30X60	863.294	0.000	ENVOL	0.045	C18
CB1(N+11.30)	B504	V30X60	911.529	0.000	ENVOL	0.054	C18
CB1(N+11.30)	B504	V30X60	959.765	0.000	ENVOL	0.066	ENVOL
CB1(N+11.30)	B504	V30X60	1008.000	0.000	ENVOL	0.079	ENVOL
CB1(N+11.30)	B506	V60X60	0.000	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	47.772	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	95.544	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	143.316	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	191.088	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	238.860	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	286.632	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	334.404	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	382.176	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	429.947	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	477.719	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	525.491	0.031	C2	0.000	ENVOL
CB1(N+11.30)	B506	V60X60	525.491	0.060	ENVOL	0.048	ENVOL
CB1(N+11.30)	B506	V60X60	569.491	0.060	ENVOL	0.055	ENVOL
CB1(N+11.30)	B506	V60X60	613.491	0.060	ENVOL	0.061	ENVOL
CB1(N+11.30)	B506	V60X60	657.491	0.060	ENVOL	0.066	ENVOL
CB1(N+11.30)	B506	V60X60	701.491	0.060	ENVOL	0.071	ENVOL
CB1(N+11.30)	B506	V60X60	745.491	0.060	ENVOL	0.075	ENVOL
CB1(N+11.30)	B507	V40X60	0.000	0.015	ENVOL	0.018	ENVOL
CB1(N+11.30)	B507	V40X60	48.039	0.015	ENVOL	0.010	C18
CB1(N+11.30)	B507	V40X60	96.077	0.015	ENVOL	0.003	C18
CB1(N+11.30)	B507	V40X60	144.116	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	192.154	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	240.193	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	288.232	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	336.270	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	384.309	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	432.347	0.015	ENVOL	0.000	ENVOL



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 209 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B507	V40X60	480.386	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	528.425	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	576.463	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	624.502	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	672.540	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	720.579	0.015	ENVOL	0.000	ENVOL
CB1(N+11.30)	B507	V40X60	720.579	0.015	ENVOL	0.019	ENVOL
CB1(N+11.30)	B507	V40X60	762.321	0.015	ENVOL	0.028	ENVOL
CB1(N+11.30)	B507	V40X60	804.063	0.015	ENVOL	0.037	ENVOL
CB1(N+11.30)	B507	V40X60	845.805	0.015	ENVOL	0.046	ENVOL
CB1(N+11.30)	B507	V40X60	887.547	0.015	ENVOL	0.055	ENVOL
CB1(N+11.30)	B512	V60X90	50.000	0.000	ENVOL	0.016	C18
CB1(N+11.30)	B512	V60X90	98.750	0.000	ENVOL	0.008	C18
CB1(N+11.30)	B512	V60X90	147.500	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	196.250	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	245.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	293.750	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	342.500	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	391.250	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	440.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	488.750	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	537.500	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	586.250	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	635.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	683.750	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	732.500	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	781.250	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B512	V60X90	830.000	0.000	ENVOL	0.004	C18
CB1(N+11.30)	B512	V60X90	830.000	0.000	ENVOL	0.008	C18
CB1(N+11.30)	B512	V60X90	878.333	0.000	ENVOL	0.014	C18
CB1(N+11.30)	B512	V60X90	926.667	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B512	V60X90	975.000	0.000	ENVOL	0.024	C18
CB1(N+11.30)	B514	V60X60	0.000	0.029	ENVOL	0.019	ENVOL
CB1(N+11.30)	B514	V60X60	48.750	0.029	ENVOL	0.016	ENVOL
CB1(N+11.30)	B514	V60X60	97.500	0.029	ENVOL	0.012	C18
CB1(N+11.30)	B514	V60X60	146.250	0.029	ENVOL	0.016	ENVOL
CB1(N+11.30)	B514	V60X60	195.000	0.029	ENVOL	0.019	ENVOL
CB1(N+11.30)	B516	V60X60	0.000	0.000	ENVOL	0.199	C18
CB1(N+11.30)	B516	V60X60	27.500	0.000	ENVOL	0.201	C18
CB1(N+11.30)	B516	V60X60	55.000	0.000	ENVOL	0.202	C18
CB1(N+11.30)	B518	V40X60	0.000	0.010	ENVOL	0.107	C18
CB1(N+11.30)	B518	V40X60	50.000	0.010	ENVOL	0.098	C18
CB1(N+11.30)	B518	V40X60	100.000	0.010	ENVOL	0.089	C18
CB1(N+11.30)	B518	V40X60	150.000	0.010	ENVOL	0.081	C18
CB1(N+11.30)	B518	V40X60	200.000	0.010	ENVOL	0.072	C18
CB1(N+11.30)	B519	V50X60	0.000	0.000	ENVOL	0.089	C18
CB1(N+11.30)	B519	V50X60	50.000	0.000	ENVOL	0.077	C18
CB1(N+11.30)	B519	V50X60	100.000	0.000	ENVOL	0.066	C18
CB1(N+11.30)	B519	V50X60	150.000	0.000	ENVOL	0.055	C18
CB1(N+11.30)	B519	V50X60	200.000	0.000	ENVOL	0.050	C18
CB1(N+11.30)	B522	V20X60	0.000	0.000	ENVOL	0.021	C18
CB1(N+11.30)	B522	V20X60	48.333	0.000	ENVOL	0.022	C18
CB1(N+11.30)	B522	V20X60	96.667	0.000	ENVOL	0.023	C18
CB1(N+11.30)	B522	V20X60	145.000	0.000	ENVOL	0.024	C18
CB1(N+11.30)	B523	V20X60	0.000	0.000	ENVOL	0.019	ENVOL
CB1(N+11.30)	B523	V20X60	48.750	0.000	ENVOL	0.018	C18
CB1(N+11.30)	B523	V20X60	97.500	0.000	ENVOL	0.017	C18
CB1(N+11.30)	B523	V20X60	146.250	0.000	ENVOL	0.016	C18
CB1(N+11.30)	B523	V20X60	195.000	0.000	ENVOL	0.015	C18
CB1(N+11.30)	B524	V20X60	0.000	0.000	ENVOL	0.020	C18
CB1(N+11.30)	B524	V20X60	48.000	0.000	ENVOL	0.021	C18



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 210 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B524	V20X60	96.000	0.000	ENVOL	0.022	C18
CB1(N+11.30)	B524	V20X60	144.000	0.000	ENVOL	0.023	C18
CB1(N+11.30)	B524	V20X60	192.000	0.000	ENVOL	0.024	C18
CB1(N+11.30)	B524	V20X60	240.000	0.000	ENVOL	0.025	ENVOL
CB1(N+11.30)	B566	V20X60	0.000	0.038	C2	0.000	ENVOL
CB1(N+11.30)	B566	V20X60	48.333	0.038	C2	0.000	ENVOL
CB1(N+11.30)	B566	V20X60	96.667	0.038	C2	0.000	ENVOL
CB1(N+11.30)	B566	V20X60	145.000	0.038	C2	0.000	ENVOL
CB1(N+11.30)	B566	V20X60	145.000	0.038	ENVOL	0.000	ENVOL
CB1(N+11.30)	B566	V20X60	190.000	0.038	ENVOL	0.000	ENVOL
CB1(N+11.30)	B566	V20X60	235.000	0.038	ENVOL	0.000	ENVOL
CB1(N+11.30)	B566	V20X60	280.000	0.038	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	0.000	0.000	ENVOL	0.031	ENVOL
CB1(N+11.30)	B570	V30X60	48.333	0.000	ENVOL	0.020	ENVOL
CB1(N+11.30)	B570	V30X60	96.667	0.000	ENVOL	0.008	ENVOL
CB1(N+11.30)	B570	V30X60	145.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	193.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	241.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	290.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	338.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	386.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	435.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	483.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	531.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	580.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B570	V30X60	628.333	0.000	ENVOL	0.008	ENVOL
CB1(N+11.30)	B570	V30X60	676.667	0.000	ENVOL	0.020	ENVOL
CB1(N+11.30)	B570	V30X60	725.000	0.000	ENVOL	0.031	ENVOL
CB1(N+11.30)	B571	V30X60	0.000	0.000	ENVOL	0.032	ENVOL
CB1(N+11.30)	B571	V30X60	48.333	0.000	ENVOL	0.020	ENVOL
CB1(N+11.30)	B571	V30X60	96.667	0.000	ENVOL	0.009	ENVOL
CB1(N+11.30)	B571	V30X60	145.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	193.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	241.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	290.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	338.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	386.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	435.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	483.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	531.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	580.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B571	V30X60	628.333	0.000	ENVOL	0.009	ENVOL
CB1(N+11.30)	B571	V30X60	676.667	0.000	ENVOL	0.020	ENVOL
CB1(N+11.30)	B571	V30X60	725.000	0.000	ENVOL	0.032	ENVOL
CB1(N+11.30)	B572	V30X60	0.000	0.000	ENVOL	0.007	ENVOL
CB1(N+11.30)	B572	V30X60	48.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	96.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	145.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	193.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	241.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	290.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	338.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	386.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	435.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	483.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	531.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	580.000	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	628.333	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	676.667	0.000	ENVOL	0.000	ENVOL
CB1(N+11.30)	B572	V30X60	725.000	0.000	ENVOL	0.007	ENVOL
3ER(N+7.20)	B1	V60X60	0.000	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B1	V60X60	45.000	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B1	V60X60	90.000	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B1	V60X60	135.000	0.026	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 211 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B1	V60X60	180.000	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B2	V60X60	0.000	0.017	ENVOL	0.288	ENVOL
3ER(N+7.20)	B2	V60X60	47.143	0.017	ENVOL	0.281	ENVOL
3ER(N+7.20)	B2	V60X60	94.286	0.017	ENVOL	0.275	C18
3ER(N+7.20)	B2	V60X60	141.429	0.017	ENVOL	0.269	C18
3ER(N+7.20)	B2	V60X60	188.571	0.017	ENVOL	0.263	C18
3ER(N+7.20)	B2	V60X60	235.714	0.017	ENVOL	0.257	C18
3ER(N+7.20)	B2	V60X60	282.857	0.017	ENVOL	0.251	C18
3ER(N+7.20)	B2	V60X60	330.000	0.017	ENVOL	0.249	ENVOL
3ER(N+7.20)	B3	V60X60	30.000	0.014	ENVOL	0.104	ENVOL
3ER(N+7.20)	B3	V60X60	77.500	0.014	ENVOL	0.097	ENVOL
3ER(N+7.20)	B3	V60X60	125.000	0.014	ENVOL	0.090	ENVOL
3ER(N+7.20)	B3	V60X60	172.500	0.014	ENVOL	0.083	ENVOL
3ER(N+7.20)	B3	V60X60	220.000	0.014	ENVOL	0.076	ENVOL
3ER(N+7.20)	B3	V60X60	267.500	0.014	ENVOL	0.068	ENVOL
3ER(N+7.20)	B3	V60X60	315.000	0.014	ENVOL	0.063	ENVOL
3ER(N+7.20)	B3	V60X60	362.500	0.014	ENVOL	0.070	ENVOL
3ER(N+7.20)	B3	V60X60	410.000	0.014	ENVOL	0.077	ENVOL
3ER(N+7.20)	B3	V60X60	457.500	0.014	ENVOL	0.085	ENVOL
3ER(N+7.20)	B3	V60X60	505.000	0.014	ENVOL	0.092	ENVOL
3ER(N+7.20)	B3	V60X60	552.500	0.014	ENVOL	0.099	ENVOL
3ER(N+7.20)	B3	V60X60	600.000	0.014	ENVOL	0.106	ENVOL
3ER(N+7.20)	B4	V60X60	30.000	0.015	ENVOL	0.105	ENVOL
3ER(N+7.20)	B4	V60X60	77.500	0.015	ENVOL	0.097	ENVOL
3ER(N+7.20)	B4	V60X60	125.000	0.015	ENVOL	0.090	ENVOL
3ER(N+7.20)	B4	V60X60	172.500	0.015	ENVOL	0.083	ENVOL
3ER(N+7.20)	B4	V60X60	220.000	0.015	ENVOL	0.076	ENVOL
3ER(N+7.20)	B4	V60X60	267.500	0.015	ENVOL	0.069	ENVOL
3ER(N+7.20)	B4	V60X60	315.000	0.015	ENVOL	0.062	ENVOL
3ER(N+7.20)	B4	V60X60	362.500	0.015	ENVOL	0.068	ENVOL
3ER(N+7.20)	B4	V60X60	410.000	0.015	ENVOL	0.075	ENVOL
3ER(N+7.20)	B4	V60X60	457.500	0.015	ENVOL	0.082	ENVOL
3ER(N+7.20)	B4	V60X60	505.000	0.015	ENVOL	0.089	ENVOL
3ER(N+7.20)	B4	V60X60	552.500	0.015	ENVOL	0.097	ENVOL
3ER(N+7.20)	B4	V60X60	600.000	0.015	ENVOL	0.104	ENVOL
3ER(N+7.20)	B5	V60X60	30.000	0.018	ENVOL	0.265	ENVOL
3ER(N+7.20)	B5	V60X60	78.000	0.018	ENVOL	0.253	ENVOL
3ER(N+7.20)	B5	V60X60	126.000	0.018	ENVOL	0.241	ENVOL
3ER(N+7.20)	B5	V60X60	174.000	0.018	ENVOL	0.252	C18
3ER(N+7.20)	B5	V60X60	222.000	0.018	ENVOL	0.265	C18
3ER(N+7.20)	B5	V60X60	270.000	0.018	ENVOL	0.277	C18
3ER(N+7.20)	B5	V60X60	270.000	0.018	ENVOL	0.299	C18
3ER(N+7.20)	B5	V60X60	315.000	0.018	ENVOL	0.305	C18
3ER(N+7.20)	B5	V60X60	360.000	0.018	ENVOL	0.311	C18
3ER(N+7.20)	B6	V60X60	0.000	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B6	V60X60	45.000	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B6	V60X60	90.000	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B6	V60X60	135.000	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B6	V60X60	180.000	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	45.714	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	91.429	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	137.143	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	182.857	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	228.571	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	274.286	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B7	V30X60	320.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	30.000	0.000	ENVOL	0.033	C18
3ER(N+7.20)	B13	V60X60	77.273	0.000	ENVOL	0.017	C18
3ER(N+7.20)	B13	V60X60	124.545	0.000	ENVOL	6.666E-04	C18
3ER(N+7.20)	B13	V60X60	171.818	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	219.091	0.000	ENVOL	0.000	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 212 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B13	V60X60	266.364	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	313.636	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	360.909	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B13	V60X60	408.182	0.000	ENVOL	0.005	C18
3ER(N+7.20)	B13	V60X60	455.455	0.000	ENVOL	0.022	C18
3ER(N+7.20)	B13	V60X60	502.727	0.000	ENVOL	0.038	C18
3ER(N+7.20)	B13	V60X60	550.000	0.000	ENVOL	0.054	C18
3ER(N+7.20)	B14	V50X60	30.000	0.011	ENVOL	0.105	ENVOL
3ER(N+7.20)	B14	V50X60	75.682	0.011	ENVOL	0.077	C18
3ER(N+7.20)	B14	V50X60	121.364	0.011	ENVOL	0.053	C18
3ER(N+7.20)	B14	V50X60	167.045	0.011	ENVOL	0.030	C18
3ER(N+7.20)	B14	V50X60	212.727	0.011	ENVOL	0.006	C18
3ER(N+7.20)	B14	V50X60	258.409	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B14	V50X60	304.091	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B14	V50X60	349.773	0.011	ENVOL	0.003	C18
3ER(N+7.20)	B14	V50X60	395.455	0.011	ENVOL	0.026	C18
3ER(N+7.20)	B14	V50X60	441.136	0.011	ENVOL	0.050	C18
3ER(N+7.20)	B14	V50X60	486.818	0.011	ENVOL	0.073	C18
3ER(N+7.20)	B14	V50X60	532.500	0.011	ENVOL	0.099	ENVOL
3ER(N+7.20)	B16	V40X60	30.000	0.025	ENVOL	0.203	ENVOL
3ER(N+7.20)	B16	V40X60	77.273	0.025	ENVOL	0.165	ENVOL
3ER(N+7.20)	B16	V40X60	124.545	0.025	ENVOL	0.130	C18
3ER(N+7.20)	B16	V40X60	171.818	0.025	ENVOL	0.105	C18
3ER(N+7.20)	B16	V40X60	219.091	0.025	ENVOL	0.079	C18
3ER(N+7.20)	B16	V40X60	266.364	0.025	ENVOL	0.054	C18
3ER(N+7.20)	B16	V40X60	313.636	0.025	ENVOL	0.028	C18
3ER(N+7.20)	B16	V40X60	360.909	0.025	ENVOL	0.003	ENVOL
3ER(N+7.20)	B16	V40X60	408.182	0.025	ENVOL	0.016	C18
3ER(N+7.20)	B16	V40X60	455.455	0.025	ENVOL	0.042	C18
3ER(N+7.20)	B16	V40X60	502.727	0.025	ENVOL	0.067	C18
3ER(N+7.20)	B16	V40X60	550.000	0.025	ENVOL	0.093	C18
3ER(N+7.20)	B17	V50X60	30.000	0.000	ENVOL	0.080	C18
3ER(N+7.20)	B17	V50X60	78.333	0.000	ENVOL	0.065	C18
3ER(N+7.20)	B17	V50X60	126.667	0.000	ENVOL	0.051	C18
3ER(N+7.20)	B17	V50X60	175.000	0.000	ENVOL	0.036	C18
3ER(N+7.20)	B17	V50X60	223.333	0.000	ENVOL	0.022	C18
3ER(N+7.20)	B17	V50X60	271.667	0.000	ENVOL	0.007	C18
3ER(N+7.20)	B17	V50X60	320.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	320.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B17	V50X60	362.500	0.000	ENVOL	0.015	C18
3ER(N+7.20)	B17	V50X60	405.000	0.000	ENVOL	0.037	C18
3ER(N+7.20)	B17	V50X60	447.500	0.000	ENVOL	0.059	C18
3ER(N+7.20)	B17	V50X60	490.000	0.000	ENVOL	0.081	C18
3ER(N+7.20)	B17	V50X60	532.500	0.000	ENVOL	0.104	ENVOL
3ER(N+7.20)	B20	V60X60	0.000	0.000	ENVOL	0.044	C18
3ER(N+7.20)	B20	V60X60	45.714	0.000	ENVOL	0.034	C18
3ER(N+7.20)	B20	V60X60	91.429	0.000	ENVOL	0.023	C18
3ER(N+7.20)	B20	V60X60	137.143	0.000	ENVOL	0.012	C18
3ER(N+7.20)	B20	V60X60	182.857	0.000	ENVOL	0.001	C18
3ER(N+7.20)	B20	V60X60	228.571	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	274.286	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	320.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	320.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	370.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B20	V60X60	420.000	0.000	ENVOL	0.004	C18
3ER(N+7.20)	B20	V60X60	470.000	0.000	ENVOL	0.021	C18
3ER(N+7.20)	B20	V60X60	520.000	0.000	ENVOL	0.039	C18
3ER(N+7.20)	B22	V30X60	0.000	0.000	ENVOL	0.010	ENVOL
3ER(N+7.20)	B22	V30X60	45.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	90.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	135.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	180.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	225.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 213 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	315.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	360.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	405.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	450.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	495.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B32	V50X60	30.000	0.000	ENVOL	0.126	ENVOL
3ER(N+7.20)	B32	V50X60	76.000	0.000	ENVOL	0.120	ENVOL
3ER(N+7.20)	B32	V50X60	122.000	0.000	ENVOL	0.113	ENVOL
3ER(N+7.20)	B32	V50X60	168.000	0.000	ENVOL	0.107	ENVOL
3ER(N+7.20)	B32	V50X60	214.000	0.000	ENVOL	0.101	C18
3ER(N+7.20)	B32	V50X60	260.000	0.000	ENVOL	0.095	C18
3ER(N+7.20)	B32	V50X60	306.000	0.000	ENVOL	0.090	C18
3ER(N+7.20)	B32	V50X60	352.000	0.000	ENVOL	0.089	ENVOL
3ER(N+7.20)	B32	V50X60	398.000	0.000	ENVOL	0.096	ENVOL
3ER(N+7.20)	B32	V50X60	444.000	0.000	ENVOL	0.102	ENVOL
3ER(N+7.20)	B32	V50X60	490.000	0.000	ENVOL	0.109	ENVOL
3ER(N+7.20)	B34	V50X60	50.000	0.000	ENVOL	0.029	C18
3ER(N+7.20)	B34	V50X60	98.333	0.000	ENVOL	0.027	C18
3ER(N+7.20)	B34	V50X60	146.667	0.000	ENVOL	0.024	C18
3ER(N+7.20)	B34	V50X60	195.000	0.000	ENVOL	0.022	C18
3ER(N+7.20)	B34	V50X60	243.333	0.000	ENVOL	0.020	C18
3ER(N+7.20)	B34	V50X60	291.667	0.000	ENVOL	0.017	C18
3ER(N+7.20)	B34	V50X60	340.000	0.000	ENVOL	0.015	C18
3ER(N+7.20)	B34	V50X60	388.333	0.000	ENVOL	0.012	C18
3ER(N+7.20)	B34	V50X60	436.667	0.000	ENVOL	0.010	C18
3ER(N+7.20)	B34	V50X60	485.000	0.000	ENVOL	0.007	C18
3ER(N+7.20)	B34	V50X60	533.333	0.000	ENVOL	0.005	C18
3ER(N+7.20)	B34	V50X60	581.667	0.000	ENVOL	0.003	C18
3ER(N+7.20)	B34	V50X60	630.000	0.000	ENVOL	1.948E-04	C18
3ER(N+7.20)	B34	V50X60	630.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B34	V50X60	678.333	0.000	ENVOL	0.002	C18
3ER(N+7.20)	B34	V50X60	726.667	0.000	ENVOL	0.004	C18
3ER(N+7.20)	B34	V50X60	775.000	0.000	ENVOL	0.006	C18
3ER(N+7.20)	B34	V50X60	823.333	0.000	ENVOL	0.009	C18
3ER(N+7.20)	B34	V50X60	871.667	0.000	ENVOL	0.011	C18
3ER(N+7.20)	B34	V50X60	920.000	0.000	ENVOL	0.014	C18
3ER(N+7.20)	B34	V50X60	968.333	0.000	ENVOL	0.016	C18
3ER(N+7.20)	B34	V50X60	1016.667	0.000	ENVOL	0.019	C18
3ER(N+7.20)	B34	V50X60	1065.000	0.000	ENVOL	0.021	C18
3ER(N+7.20)	B34	V50X60	1113.333	0.000	ENVOL	0.023	C18
3ER(N+7.20)	B34	V50X60	1161.667	0.000	ENVOL	0.026	C18
3ER(N+7.20)	B34	V50X60	1210.000	0.000	ENVOL	0.028	C18
3ER(N+7.20)	B35	V50X60	50.000	0.000	ENVOL	0.121	ENVOL
3ER(N+7.20)	B35	V50X60	96.000	0.000	ENVOL	0.115	ENVOL
3ER(N+7.20)	B35	V50X60	142.000	0.000	ENVOL	0.108	ENVOL
3ER(N+7.20)	B35	V50X60	188.000	0.000	ENVOL	0.102	ENVOL
3ER(N+7.20)	B35	V50X60	234.000	0.000	ENVOL	0.096	ENVOL
3ER(N+7.20)	B35	V50X60	280.000	0.000	ENVOL	0.097	ENVOL
3ER(N+7.20)	B35	V50X60	280.000	0.000	ENVOL	0.112	C18
3ER(N+7.20)	B35	V50X60	326.000	0.000	ENVOL	0.122	C18
3ER(N+7.20)	B35	V50X60	372.000	0.000	ENVOL	0.131	C18
3ER(N+7.20)	B35	V50X60	418.000	0.000	ENVOL	0.141	C18
3ER(N+7.20)	B35	V50X60	464.000	0.000	ENVOL	0.150	C18
3ER(N+7.20)	B35	V50X60	510.000	0.000	ENVOL	0.160	C18
3ER(N+7.20)	B42	V60X60	30.000	0.020	C14	0.146	C18
3ER(N+7.20)	B42	V60X60	78.000	0.020	C14	0.140	ENVOL
3ER(N+7.20)	B42	V60X60	126.000	0.020	C14	0.155	C18
3ER(N+7.20)	B42	V60X60	174.000	0.020	C14	0.172	C18
3ER(N+7.20)	B42	V60X60	222.000	0.020	C14	0.188	C18
3ER(N+7.20)	B42	V60X60	270.000	0.020	C14	0.205	C18
3ER(N+7.20)	B44	V50X60	17.500	0.000	ENVOL	0.069	C18
3ER(N+7.20)	B44	V50X60	59.583	0.000	ENVOL	0.055	C18



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 214 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B44	V50X60	101.667	0.000	ENVOL	0.041	C18
3ER(N+7.20)	B44	V50X60	143.750	0.000	ENVOL	0.027	C18
3ER(N+7.20)	B44	V50X60	185.833	0.000	ENVOL	0.013	C18
3ER(N+7.20)	B44	V50X60	227.917	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B44	V50X60	270.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B49	V50X60	17.500	0.000	ENVOL	0.077	C18
3ER(N+7.20)	B49	V50X60	58.000	0.000	ENVOL	0.067	C18
3ER(N+7.20)	B49	V50X60	98.500	0.000	ENVOL	0.058	C18
3ER(N+7.20)	B49	V50X60	139.000	0.000	ENVOL	0.049	C18
3ER(N+7.20)	B49	V50X60	179.500	0.000	ENVOL	0.039	C18
3ER(N+7.20)	B49	V50X60	220.000	0.000	ENVOL	0.030	C18
3ER(N+7.20)	B49	V50X60	220.000	0.000	ENVOL	0.010	C18
3ER(N+7.20)	B49	V50X60	270.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B53	V60X60	30.000	0.023	ENVOL	0.118	ENVOL
3ER(N+7.20)	B53	V60X60	77.500	0.023	ENVOL	0.112	C18
3ER(N+7.20)	B53	V60X60	125.000	0.023	ENVOL	0.115	ENVOL
3ER(N+7.20)	B53	V60X60	172.500	0.023	ENVOL	0.122	ENVOL
3ER(N+7.20)	B53	V60X60	220.000	0.023	ENVOL	0.130	ENVOL
3ER(N+7.20)	B53	V60X60	220.000	0.023	ENVOL	0.159	C18
3ER(N+7.20)	B53	V60X60	270.000	0.023	ENVOL	0.177	C18
3ER(N+7.20)	B59	V20X60	0.000	0.000	ENVOL	0.001	ENVOL
3ER(N+7.20)	B59	V20X60	40.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B59	V20X60	80.000	0.000	ENVOL	9.777E-05	ENVOL
3ER(N+7.20)	B59	V20X60	120.000	0.000	ENVOL	9.009E-04	ENVOL
3ER(N+7.20)	B61	V20X60	0.000	0.015	C18	0.000	ENVOL
3ER(N+7.20)	B61	V20X60	46.667	0.015	C18	0.000	ENVOL
3ER(N+7.20)	B61	V20X60	93.333	0.015	C18	0.000	ENVOL
3ER(N+7.20)	B61	V20X60	140.000	0.015	C18	0.000	ENVOL
3ER(N+7.20)	B61	V20X60	186.667	0.015	C18	0.000	ENVOL
3ER(N+7.20)	B61	V20X60	233.333	0.015	C18	0.000	ENVOL
3ER(N+7.20)	B61	V20X60	280.000	0.015	C18	0.000	ENVOL
3ER(N+7.20)	B61	V20X60	326.667	0.015	C18	0.000	ENVOL
3ER(N+7.20)	B61	V20X60	373.333	0.015	C18	0.000	ENVOL
3ER(N+7.20)	B61	V20X60	420.000	0.015	C18	0.000	ENVOL
3ER(N+7.20)	B67	V20X60	0.000	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B67	V20X60	46.667	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B67	V20X60	93.333	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B67	V20X60	140.000	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B67	V20X60	186.667	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B67	V20X60	233.333	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B67	V20X60	280.000	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B67	V20X60	326.667	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B67	V20X60	373.333	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B67	V20X60	420.000	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B70	V20X60	0.000	0.000	ENVOL	8.290E-04	ENVOL
3ER(N+7.20)	B70	V20X60	40.000	0.000	ENVOL	1.697E-04	ENVOL
3ER(N+7.20)	B70	V20X60	80.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B70	V20X60	120.000	0.000	ENVOL	0.001	ENVOL
3ER(N+7.20)	B73	V60X60	0.000	0.000	ENVOL	0.011	C18
3ER(N+7.20)	B73	V60X60	45.000	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B73	V60X60	90.000	0.000	ENVOL	0.007	C18
3ER(N+7.20)	B73	V60X60	135.000	0.000	ENVOL	0.010	C18
3ER(N+7.20)	B73	V60X60	180.000	0.000	ENVOL	0.012	C18
3ER(N+7.20)	B75	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B75	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B75	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B75	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B75	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	0.000	0.000	ENVOL	0.002	ENVOL
3ER(N+7.20)	B157	V60X60	50.000	0.000	ENVOL	0.000	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 215 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B157	V60X60	100.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	150.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	200.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	250.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	300.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	350.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	400.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	450.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	500.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	550.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	600.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	650.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	700.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	750.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	800.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	850.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	900.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	950.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B157	V60X60	1000.000	0.000	ENVOL	0.004	ENVOL
3ER(N+7.20)	B188	V60X60	0.000	0.000	ENVOL	0.003	ENVOL
3ER(N+7.20)	B188	V60X60	50.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	100.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	150.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	200.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	250.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	300.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	350.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	400.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	450.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	500.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	550.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	600.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	650.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	700.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	750.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	800.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	850.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	900.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	950.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B188	V60X60	1000.000	0.000	ENVOL	0.003	ENVOL
3ER(N+7.20)	B270	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B270	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B270	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B270	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B270	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B272	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B272	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B272	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B272	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B272	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B274	V60X60	0.000	0.000	ENVOL	0.007	C18
3ER(N+7.20)	B274	V60X60	40.000	0.000	ENVOL	0.005	C18
3ER(N+7.20)	B274	V60X60	80.000	0.000	ENVOL	0.006	C18
3ER(N+7.20)	B274	V60X60	120.000	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B276	V60X60	0.000	0.000	ENVOL	0.253	C18
3ER(N+7.20)	B276	V60X60	46.000	0.000	ENVOL	0.251	C18
3ER(N+7.20)	B276	V60X60	92.000	0.000	ENVOL	0.248	C18
3ER(N+7.20)	B276	V60X60	138.000	0.000	ENVOL	0.245	C18
3ER(N+7.20)	B276	V60X60	184.000	0.000	ENVOL	0.242	C18
3ER(N+7.20)	B276	V60X60	230.000	0.000	ENVOL	0.240	C18
3ER(N+7.20)	B286	V60X60	60.000	0.000	ENVOL	0.236	C18
3ER(N+7.20)	B286	V60X60	106.000	0.000	ENVOL	0.239	C18
3ER(N+7.20)	B286	V60X60	152.000	0.000	ENVOL	0.241	C18





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 216 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


3ER(N+7.20)	B286	V60X60	198.000	0.000	ENVOL	0.244	C18
3ER(N+7.20)	B286	V60X60	244.000	0.000	ENVOL	0.247	C18
3ER(N+7.20)	B286	V60X60	290.000	0.000	ENVOL	0.250	C18
3ER(N+7.20)	B288	V60X60	0.000	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B288	V60X60	40.000	0.000	ENVOL	0.006	C18
3ER(N+7.20)	B288	V60X60	80.000	0.000	ENVOL	0.005	C18
3ER(N+7.20)	B288	V60X60	120.000	0.000	ENVOL	0.007	C18
3ER(N+7.20)	B296	V60X60	0.000	0.000	ENVOL	0.172	C18
3ER(N+7.20)	B296	V60X60	48.000	0.000	ENVOL	0.158	C18
3ER(N+7.20)	B296	V60X60	96.000	0.000	ENVOL	0.144	C18
3ER(N+7.20)	B296	V60X60	144.000	0.000	ENVOL	0.131	C18
3ER(N+7.20)	B296	V60X60	192.000	0.000	ENVOL	0.131	ENVOL
3ER(N+7.20)	B296	V60X60	240.000	0.000	ENVOL	0.144	ENVOL
3ER(N+7.20)	B296	V60X60	240.000	0.000	ENVOL	0.144	ENVOL
3ER(N+7.20)	B296	V60X60	273.753	0.000	ENVOL	0.153	C18
3ER(N+7.20)	B296	V60X60	307.507	0.000	ENVOL	0.162	C18
3ER(N+7.20)	B296	V60X60	341.260	0.000	ENVOL	0.171	C18
3ER(N+7.20)	B297	V60X60	0.000	0.000	ENVOL	0.185	C18
3ER(N+7.20)	B297	V60X60	48.000	0.000	ENVOL	0.171	C18
3ER(N+7.20)	B297	V60X60	96.000	0.000	ENVOL	0.158	C18
3ER(N+7.20)	B297	V60X60	144.000	0.000	ENVOL	0.144	C18
3ER(N+7.20)	B297	V60X60	192.000	0.000	ENVOL	0.131	ENVOL
3ER(N+7.20)	B297	V60X60	240.000	0.000	ENVOL	0.144	ENVOL
3ER(N+7.20)	B297	V60X60	240.000	0.000	ENVOL	0.144	ENVOL
3ER(N+7.20)	B297	V60X60	273.753	0.000	ENVOL	0.153	ENVOL
3ER(N+7.20)	B297	V60X60	307.507	0.000	ENVOL	0.161	C18
3ER(N+7.20)	B297	V60X60	341.260	0.000	ENVOL	0.170	C18
3ER(N+7.20)	B306	V40X60	0.000	0.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B306	V40X60	41.727	0.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B306	V40X60	83.455	0.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B306	V40X60	125.182	0.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B306	V40X60	166.909	0.028	ENVOL	0.000	ENVOL
3ER(N+7.20)	B307	V40X60	0.000	0.017	ENVOL	0.000	ENVOL
3ER(N+7.20)	B307	V40X60	44.364	0.017	ENVOL	0.000	ENVOL
3ER(N+7.20)	B307	V40X60	88.727	0.017	ENVOL	0.000	ENVOL
3ER(N+7.20)	B307	V40X60	133.091	0.017	ENVOL	0.000	ENVOL
3ER(N+7.20)	B308	V40X60	0.000	0.012	ENVOL	0.115	C18
3ER(N+7.20)	B308	V40X60	41.057	0.012	ENVOL	0.107	C18
3ER(N+7.20)	B308	V40X60	82.114	0.012	ENVOL	0.099	C18
3ER(N+7.20)	B308	V40X60	123.171	0.012	ENVOL	0.094	C18
3ER(N+7.20)	B308	V40X60	164.227	0.012	ENVOL	0.093	ENVOL
3ER(N+7.20)	B308	V40X60	205.284	0.012	ENVOL	0.095	ENVOL
3ER(N+7.20)	B309	V40X60	0.000	0.012	C14	0.095	C18
3ER(N+7.20)	B309	V40X60	41.057	0.012	C14	0.092	C18
3ER(N+7.20)	B309	V40X60	82.114	0.012	C14	0.095	C18
3ER(N+7.20)	B309	V40X60	123.171	0.012	C14	0.101	C18
3ER(N+7.20)	B309	V40X60	164.228	0.012	C14	0.108	C18
3ER(N+7.20)	B309	V40X60	205.285	0.012	C14	0.117	C18
3ER(N+7.20)	B311	V40X60	0.000	0.016	ENVOL	0.000	ENVOL
3ER(N+7.20)	B311	V40X60	44.363	0.016	ENVOL	0.000	ENVOL
3ER(N+7.20)	B311	V40X60	88.727	0.016	ENVOL	0.000	ENVOL
3ER(N+7.20)	B311	V40X60	133.090	0.016	ENVOL	0.000	ENVOL
3ER(N+7.20)	B312	V40X60	0.000	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B312	V40X60	41.728	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B312	V40X60	83.455	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B312	V40X60	125.183	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B312	V40X60	166.910	0.026	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	0.000	0.000	ENVOL	0.004	ENVOL
3ER(N+7.20)	B322	V20X60	46.364	0.000	ENVOL	0.003	ENVOL





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 217 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B322	V20X60	92.727	0.000	ENVOL	0.002	ENVOL
3ER(N+7.20)	B322	V20X60	139.091	0.000	ENVOL	8.791E-04	ENVOL
3ER(N+7.20)	B322	V20X60	185.454	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	231.818	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	278.182	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B322	V20X60	324.545	0.000	ENVOL	1.638E-04	ENVOL
3ER(N+7.20)	B322	V20X60	370.909	0.000	ENVOL	9.937E-04	ENVOL
3ER(N+7.20)	B322	V20X60	417.273	0.000	ENVOL	0.002	ENVOL
3ER(N+7.20)	B322	V20X60	463.636	0.000	ENVOL	0.003	ENVOL
3ER(N+7.20)	B322	V20X60	510.000	0.000	ENVOL	0.004	ENVOL
3ER(N+7.20)	B323	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	46.861	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	93.721	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	140.582	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	140.582	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	186.418	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	232.255	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	278.091	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	323.927	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	369.764	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	415.600	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	461.436	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	507.273	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B323	V20X60	553.109	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	45.836	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	91.673	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	137.509	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	183.346	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	229.182	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	275.018	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	320.855	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	366.691	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	412.528	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	412.528	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	459.388	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	506.249	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B324	V20X60	553.110	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	0.000	0.000	ENVOL	0.005	ENVOL
3ER(N+7.20)	B326	V20X60	46.364	0.000	ENVOL	0.004	ENVOL
3ER(N+7.20)	B326	V20X60	92.727	0.000	ENVOL	0.002	ENVOL
3ER(N+7.20)	B326	V20X60	139.091	0.000	ENVOL	0.001	ENVOL
3ER(N+7.20)	B326	V20X60	185.455	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	231.818	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	278.182	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	324.545	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B326	V20X60	370.909	0.000	ENVOL	6.676E-04	ENVOL
3ER(N+7.20)	B326	V20X60	417.273	0.000	ENVOL	0.002	ENVOL
3ER(N+7.20)	B326	V20X60	463.636	0.000	ENVOL	0.003	ENVOL
3ER(N+7.20)	B326	V20X60	510.000	0.000	ENVOL	0.004	ENVOL
3ER(N+7.20)	B339	V20X60	0.000	0.000	ENVOL	0.021	C18
3ER(N+7.20)	B339	V20X60	48.534	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B339	V20X60	97.068	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B339	V20X60	145.602	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B339	V20X60	194.137	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B339	V20X60	242.671	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B339	V20X60	291.205	0.000	ENVOL	0.020	C18
3ER(N+7.20)	B340	V20X60	0.000	0.000	ENVOL	0.020	C18
3ER(N+7.20)	B340	V20X60	48.534	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B340	V20X60	97.068	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B340	V20X60	145.603	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B340	V20X60	194.137	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B340	V20X60	242.671	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B340	V20X60	291.205	0.000	ENVOL	0.021	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 218 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B341	V20X60	0.000	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B341	V20X60	47.460	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B341	V20X60	94.921	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B341	V20X60	142.381	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B341	V20X60	189.842	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B341	V20X60	237.302	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B341	V20X60	284.763	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B341	V20X60	332.223	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B341	V20X60	379.683	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B342	V20X60	0.000	0.011	C18	0.000	ENVOL
3ER(N+7.20)	B342	V20X60	47.460	0.011	C18	0.000	ENVOL
3ER(N+7.20)	B342	V20X60	94.921	0.011	C18	0.000	ENVOL
3ER(N+7.20)	B342	V20X60	142.381	0.011	C18	0.000	ENVOL
3ER(N+7.20)	B342	V20X60	189.842	0.011	C18	0.000	ENVOL
3ER(N+7.20)	B342	V20X60	237.302	0.011	C18	0.000	ENVOL
3ER(N+7.20)	B342	V20X60	284.763	0.011	C18	0.000	ENVOL
3ER(N+7.20)	B342	V20X60	332.223	0.011	C18	0.000	ENVOL
3ER(N+7.20)	B342	V20X60	379.684	0.011	C18	0.000	ENVOL
3ER(N+7.20)	B348	V20X60	0.000	0.000	ENVOL	0.017	ENVOL
3ER(N+7.20)	B348	V20X60	50.000	0.000	ENVOL	0.016	C18
3ER(N+7.20)	B348	V20X60	100.000	0.000	ENVOL	0.017	ENVOL
3ER(N+7.20)	B350	V20X60	0.000	0.000	ENVOL	0.017	ENVOL
3ER(N+7.20)	B350	V20X60	50.000	0.000	ENVOL	0.016	C18
3ER(N+7.20)	B350	V20X60	100.000	0.000	ENVOL	0.017	ENVOL
3ER(N+7.20)	B351	V60X60	0.000	0.000	ENVOL	0.161	ENVOL
3ER(N+7.20)	B351	V60X60	40.369	0.000	ENVOL	0.158	ENVOL
3ER(N+7.20)	B351	V60X60	80.737	0.000	ENVOL	0.155	ENVOL
3ER(N+7.20)	B352	V60X60	0.000	0.000	ENVOL	0.164	ENVOL
3ER(N+7.20)	B352	V60X60	31.812	0.000	ENVOL	0.166	ENVOL
3ER(N+7.20)	B353	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	48.186	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	96.372	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	144.558	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	144.558	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	171.853	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	171.853	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B353	V20X60	214.418	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	34.930	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	69.860	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	69.860	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	118.046	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	166.232	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B354	V20X60	214.418	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	46.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	92.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	138.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	184.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B357	V60X60	230.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	46.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	92.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	138.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	184.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B358	V60X60	230.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	47.147	0.000	ENVOL	0.000	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 219 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B359	V20X60	94.295	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	141.442	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	188.589	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	235.737	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	282.884	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	330.031	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	330.031	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	377.179	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	424.326	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	471.473	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	518.621	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B359	V20X60	565.768	0.013	ENVOL	2.179E-04	ENVOL
3ER(N+7.20)	B359	V20X60	612.915	0.013	ENVOL	0.006	ENVOL
3ER(N+7.20)	B359	V20X60	660.063	0.013	ENVOL	0.011	ENVOL
3ER(N+7.20)	B360	V20X60	0.000	0.013	ENVOL	0.011	ENVOL
3ER(N+7.20)	B360	V20X60	47.147	0.013	ENVOL	0.006	ENVOL
3ER(N+7.20)	B360	V20X60	94.295	0.013	ENVOL	9.752E-05	ENVOL
3ER(N+7.20)	B360	V20X60	141.442	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	188.589	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	235.737	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	282.884	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	330.031	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	330.031	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	377.179	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	424.326	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	471.473	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	518.621	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	565.768	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	612.915	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B360	V20X60	660.063	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	49.864	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	99.729	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	149.593	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	199.458	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	249.322	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	299.186	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	349.051	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	398.915	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	448.780	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	448.780	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	498.644	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	548.508	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	598.373	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	648.237	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	698.102	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	747.966	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	797.831	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	847.695	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B387	V20X60	897.560	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B388	V60X60	0.000	0.023	ENVOL	0.088	C18
3ER(N+7.20)	B388	V60X60	49.402	0.023	ENVOL	0.082	C18
3ER(N+7.20)	B388	V60X60	98.805	0.023	ENVOL	0.076	C18
3ER(N+7.20)	B388	V60X60	148.207	0.023	ENVOL	0.070	C18
3ER(N+7.20)	B388	V60X60	197.610	0.023	ENVOL	0.064	C18
3ER(N+7.20)	B388	V60X60	247.012	0.023	ENVOL	0.058	C18
3ER(N+7.20)	B388	V60X60	296.415	0.023	ENVOL	0.053	C18
3ER(N+7.20)	B388	V60X60	345.817	0.023	ENVOL	0.047	C18
3ER(N+7.20)	B388	V60X60	395.220	0.023	ENVOL	0.048	ENVOL
3ER(N+7.20)	B388	V60X60	444.622	0.023	ENVOL	0.053	ENVOL
3ER(N+7.20)	B388	V60X60	494.025	0.023	ENVOL	0.057	ENVOL
3ER(N+7.20)	B388	V60X60	543.427	0.023	ENVOL	0.061	ENVOL
3ER(N+7.20)	B388	V60X60	592.830	0.023	ENVOL	0.066	ENVOL
3ER(N+7.20)	B388	V60X60	642.232	0.023	ENVOL	0.069	ENVOL
3ER(N+7.20)	B388	V60X60	691.635	0.023	ENVOL	0.073	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 220 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B389	V60X60	0.000	0.022	ENVOL	0.071	ENVOL
3ER(N+7.20)	B389	V60X60	49.402	0.022	ENVOL	0.067	ENVOL
3ER(N+7.20)	B389	V60X60	98.805	0.022	ENVOL	0.063	ENVOL
3ER(N+7.20)	B389	V60X60	148.207	0.022	ENVOL	0.059	ENVOL
3ER(N+7.20)	B389	V60X60	197.610	0.022	ENVOL	0.055	ENVOL
3ER(N+7.20)	B389	V60X60	247.012	0.022	ENVOL	0.050	ENVOL
3ER(N+7.20)	B389	V60X60	296.415	0.022	ENVOL	0.045	ENVOL
3ER(N+7.20)	B389	V60X60	345.817	0.022	ENVOL	0.049	ENVOL
3ER(N+7.20)	B389	V60X60	395.220	0.022	ENVOL	0.054	ENVOL
3ER(N+7.20)	B389	V60X60	444.622	0.022	ENVOL	0.060	ENVOL
3ER(N+7.20)	B389	V60X60	494.025	0.022	ENVOL	0.065	ENVOL
3ER(N+7.20)	B389	V60X60	543.427	0.022	ENVOL	0.071	ENVOL
3ER(N+7.20)	B389	V60X60	592.830	0.022	ENVOL	0.077	ENVOL
3ER(N+7.20)	B389	V60X60	642.232	0.022	ENVOL	0.082	ENVOL
3ER(N+7.20)	B389	V60X60	691.635	0.022	ENVOL	0.088	ENVOL
3ER(N+7.20)	B394	V60X90	0.000	0.031	ENVOL	0.187	C18
3ER(N+7.20)	B394	V60X90	49.140	0.031	ENVOL	0.177	C18
3ER(N+7.20)	B394	V60X90	98.279	0.031	ENVOL	0.164	C18
3ER(N+7.20)	B394	V60X90	147.419	0.031	ENVOL	0.150	C18
3ER(N+7.20)	B395	V60X60	0.000	0.000	ENVOL	0.120	C18
3ER(N+7.20)	B395	V60X60	48.333	0.000	ENVOL	0.098	C18
3ER(N+7.20)	B395	V60X60	96.667	0.000	ENVOL	0.077	C18
3ER(N+7.20)	B395	V60X60	145.000	0.000	ENVOL	0.066	C18
3ER(N+7.20)	B396	V60X90	0.000	0.031	ENVOL	0.150	C18
3ER(N+7.20)	B396	V60X90	49.140	0.031	ENVOL	0.164	C18
3ER(N+7.20)	B396	V60X90	98.279	0.031	ENVOL	0.176	C18
3ER(N+7.20)	B396	V60X90	147.419	0.031	ENVOL	0.187	C18
3ER(N+7.20)	B397	V60X100	0.000	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	47.537	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	95.075	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	142.612	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	190.149	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	237.687	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	285.224	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	332.761	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	380.299	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	427.836	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	475.374	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	475.374	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	522.911	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	570.448	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	617.986	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	665.523	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	713.061	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	760.598	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	808.135	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	855.673	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	903.210	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B397	V60X100	950.748	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	0.000	0.014	ENVOL	0.009	ENVOL
3ER(N+7.20)	B402	V30X60	48.120	0.014	ENVOL	0.003	ENVOL
3ER(N+7.20)	B402	V30X60	96.240	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	144.360	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	192.481	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	240.601	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	288.721	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	336.841	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	384.961	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	433.081	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	481.202	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	529.322	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	577.442	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B402	V30X60	625.562	0.014	ENVOL	0.006	ENVOL
3ER(N+7.20)	B402	V30X60	673.682	0.014	ENVOL	0.013	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 221 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


3ER(N+7.20)	B402	V30X60	721.802	0.014	ENVOL	0.023	ENVOL
3ER(N+7.20)	B402	V30X60	769.922	0.014	ENVOL	0.033	ENVOL
3ER(N+7.20)	B402	V30X60	818.043	0.014	ENVOL	0.044	ENVOL
3ER(N+7.20)	B403	V30X60	0.000	0.014	ENVOL	0.037	ENVOL
3ER(N+7.20)	B403	V30X60	49.905	0.014	ENVOL	0.025	ENVOL
3ER(N+7.20)	B403	V30X60	99.811	0.014	ENVOL	0.015	ENVOL
3ER(N+7.20)	B403	V30X60	149.716	0.014	ENVOL	0.006	ENVOL
3ER(N+7.20)	B403	V30X60	199.622	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	249.527	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	299.433	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	349.338	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	399.244	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	449.149	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	499.055	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	548.960	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	598.866	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	648.771	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	698.677	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	748.582	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B403	V30X60	798.488	0.014	ENVOL	0.004	ENVOL
3ER(N+7.20)	B404	V40X60	0.000	0.000	ENVOL	0.012	C18
3ER(N+7.20)	B404	V40X60	49.320	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B404	V40X60	98.639	0.000	ENVOL	0.002	C18
3ER(N+7.20)	B404	V40X60	147.959	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	197.279	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	246.598	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	295.918	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	345.238	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	394.557	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	443.877	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	493.197	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	542.517	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	591.836	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	641.156	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	690.476	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B404	V40X60	739.795	0.000	ENVOL	0.003	C18
3ER(N+7.20)	B404	V40X60	789.115	0.000	ENVOL	0.010	C18
3ER(N+7.20)	B405	V40X60	0.000	0.000	ENVOL	0.013	C18
3ER(N+7.20)	B405	V40X60	49.320	0.000	ENVOL	0.006	C18
3ER(N+7.20)	B405	V40X60	98.639	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	147.959	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	197.279	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	246.598	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	295.918	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	345.238	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	394.557	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	443.877	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	493.197	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	542.517	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	591.836	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B405	V40X60	641.156	0.000	ENVOL	9.180E-04	C18
3ER(N+7.20)	B405	V40X60	690.476	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B405	V40X60	739.795	0.000	ENVOL	0.015	C18
3ER(N+7.20)	B405	V40X60	789.115	0.000	ENVOL	0.019	C18
3ER(N+7.20)	B406	V50X60	0.000	0.000	ENVOL	0.014	C18
3ER(N+7.20)	B406	V50X60	48.604	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B406	V50X60	97.208	0.000	ENVOL	0.002	C18
3ER(N+7.20)	B406	V50X60	145.811	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	194.415	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	243.019	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	291.623	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	340.226	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	388.830	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	437.434	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B406	V50X60	486.038	0.000	ENVOL	0.000	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 222 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


3ER(N+7.20)	B406	V50X60	486.038	0.000	ENVOL	0.031	C18
3ER(N+7.20)	B406	V50X60	536.038	0.000	ENVOL	0.037	C18
3ER(N+7.20)	B406	V50X60	586.038	0.000	ENVOL	0.048	ENVOL
3ER(N+7.20)	B406	V50X60	636.038	0.000	ENVOL	0.063	ENVOL
3ER(N+7.20)	B406	V50X60	686.038	0.000	ENVOL	0.082	ENVOL
3ER(N+7.20)	B410	V50X60	0.000	0.000	ENVOL	0.017	C18
3ER(N+7.20)	B410	V50X60	48.604	0.000	ENVOL	0.010	C18
3ER(N+7.20)	B410	V50X60	97.208	0.000	ENVOL	0.004	C18
3ER(N+7.20)	B410	V50X60	145.811	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	194.415	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	243.019	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	291.623	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	340.226	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	388.830	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	437.434	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	486.038	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B410	V50X60	486.038	0.000	ENVOL	0.036	C18
3ER(N+7.20)	B410	V50X60	536.038	0.000	ENVOL	0.042	ENVOL
3ER(N+7.20)	B410	V50X60	586.038	0.000	ENVOL	0.048	ENVOL
3ER(N+7.20)	B410	V50X60	636.038	0.000	ENVOL	0.055	ENVOL
3ER(N+7.20)	B410	V50X60	686.038	0.000	ENVOL	0.061	ENVOL
3ER(N+7.20)	B426	V40X60	0.000	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	46.404	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	92.808	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	139.211	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	185.615	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	232.019	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	278.423	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	324.827	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	371.231	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	417.634	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	464.038	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	510.442	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	556.846	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B426	V40X60	603.250	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	0.000	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	46.404	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	92.808	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	139.212	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	185.616	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	232.019	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	278.423	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	324.827	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	371.231	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	417.635	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	464.039	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	510.443	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	556.847	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B428	V40X60	603.251	0.013	ENVOL	0.000	ENVOL
3ER(N+7.20)	B433	V40X60	0.000	0.015	ENVOL	0.005	ENVOL
3ER(N+7.20)	B433	V40X60	37.500	0.015	ENVOL	0.003	C18
3ER(N+7.20)	B433	V40X60	75.000	0.015	ENVOL	0.004	ENVOL
3ER(N+7.20)	B435	V40X60	0.000	0.015	ENVOL	0.000	ENVOL
3ER(N+7.20)	B435	V40X60	41.306	0.015	ENVOL	0.000	ENVOL
3ER(N+7.20)	B435	V40X60	41.306	0.025	ENVOL	0.000	ENVOL
3ER(N+7.20)	B435	V40X60	79.729	0.025	ENVOL	0.000	ENVOL
3ER(N+7.20)	B435	V40X60	118.153	0.025	ENVOL	0.000	ENVOL
3ER(N+7.20)	B435	V40X60	156.576	0.025	ENVOL	0.000	ENVOL
3ER(N+7.20)	B435	V40X60	195.000	0.025	ENVOL	0.000	ENVOL
3ER(N+7.20)	B437	V40X60	0.000	0.000	ENVOL	0.124	C18
3ER(N+7.20)	B437	V40X60	46.160	0.000	ENVOL	0.115	C18
3ER(N+7.20)	B437	V40X60	92.319	0.000	ENVOL	0.107	C18
3ER(N+7.20)	B437	V40X60	138.479	0.000	ENVOL	0.099	C18




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 223 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B437	V40X60	184.639	0.000	ENVOL	0.092	C18
3ER(N+7.20)	B437	V40X60	230.798	0.000	ENVOL	0.084	C18
3ER(N+7.20)	B437	V40X60	276.958	0.000	ENVOL	0.083	ENVOL
3ER(N+7.20)	B437	V40X60	323.117	0.000	ENVOL	0.089	C18
3ER(N+7.20)	B437	V40X60	369.277	0.000	ENVOL	0.096	C18
3ER(N+7.20)	B437	V40X60	415.437	0.000	ENVOL	0.100	C18
3ER(N+7.20)	B443	V40X60	0.000	0.000	ENVOL	0.106	C18
3ER(N+7.20)	B443	V40X60	46.160	0.000	ENVOL	0.102	C18
3ER(N+7.20)	B443	V40X60	92.319	0.000	ENVOL	0.095	C18
3ER(N+7.20)	B443	V40X60	138.479	0.000	ENVOL	0.092	ENVOL
3ER(N+7.20)	B443	V40X60	184.639	0.000	ENVOL	0.099	C18
3ER(N+7.20)	B443	V40X60	230.798	0.000	ENVOL	0.108	C18
3ER(N+7.20)	B443	V40X60	276.958	0.000	ENVOL	0.117	C18
3ER(N+7.20)	B443	V40X60	323.118	0.000	ENVOL	0.127	C18
3ER(N+7.20)	B443	V40X60	369.277	0.000	ENVOL	0.137	C18
3ER(N+7.20)	B443	V40X60	415.437	0.000	ENVOL	0.149	C18
3ER(N+7.20)	B445	V40X60	0.000	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B445	V40X60	38.424	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B445	V40X60	76.848	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B445	V40X60	115.271	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B445	V40X60	153.695	0.027	ENVOL	0.000	ENVOL
3ER(N+7.20)	B445	V40X60	153.695	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B445	V40X60	195.000	0.014	ENVOL	0.000	ENVOL
3ER(N+7.20)	B447	V40X60	0.000	0.014	ENVOL	0.004	ENVOL
3ER(N+7.20)	B447	V40X60	37.500	0.014	ENVOL	0.003	C18
3ER(N+7.20)	B447	V40X60	75.000	0.014	ENVOL	0.005	ENVOL
3ER(N+7.20)	B449	V40X60	0.000	0.013	ENVOL	0.008	ENVOL
3ER(N+7.20)	B449	V40X60	38.827	0.013	ENVOL	0.008	C18
3ER(N+7.20)	B449	V40X60	77.654	0.013	ENVOL	0.010	C18
3ER(N+7.20)	B449	V40X60	116.481	0.013	ENVOL	0.012	C18
3ER(N+7.20)	B449	V40X60	155.308	0.013	ENVOL	0.013	ENVOL
3ER(N+7.20)	B451	V40X60	0.000	0.012	ENVOL	0.000	ENVOL
3ER(N+7.20)	B451	V40X60	38.827	0.012	ENVOL	0.000	ENVOL
3ER(N+7.20)	B451	V40X60	77.654	0.012	ENVOL	0.000	ENVOL
3ER(N+7.20)	B451	V40X60	116.481	0.012	ENVOL	0.000	ENVOL
3ER(N+7.20)	B451	V40X60	155.308	0.012	ENVOL	0.000	ENVOL
3ER(N+7.20)	B451	V40X60	155.308	0.044	ENVOL	0.000	ENVOL
3ER(N+7.20)	B451	V40X60	195.308	0.044	ENVOL	0.000	ENVOL
3ER(N+7.20)	B451	V40X60	235.308	0.044	ENVOL	0.000	ENVOL
3ER(N+7.20)	B452	V30X60	0.000	0.021	ENVOL	0.042	C18
3ER(N+7.20)	B452	V30X60	46.875	0.021	ENVOL	0.029	C18
3ER(N+7.20)	B452	V30X60	93.750	0.021	ENVOL	0.017	C18
3ER(N+7.20)	B452	V30X60	140.625	0.021	ENVOL	0.004	C18
3ER(N+7.20)	B452	V30X60	187.500	0.021	ENVOL	0.000	ENVOL
3ER(N+7.20)	B452	V30X60	234.375	0.021	ENVOL	0.000	ENVOL
3ER(N+7.20)	B452	V30X60	281.250	0.021	ENVOL	0.000	ENVOL
3ER(N+7.20)	B452	V30X60	328.125	0.021	ENVOL	0.005	C18
3ER(N+7.20)	B452	V30X60	375.000	0.021	ENVOL	0.018	C18
3ER(N+7.20)	B454	V30X60	0.000	0.000	ENVOL	0.074	ENVOL
3ER(N+7.20)	B454	V30X60	46.875	0.000	ENVOL	0.066	ENVOL
3ER(N+7.20)	B454	V30X60	93.750	0.000	ENVOL	0.058	ENVOL
3ER(N+7.20)	B454	V30X60	140.625	0.000	ENVOL	0.051	ENVOL
3ER(N+7.20)	B454	V30X60	187.500	0.000	ENVOL	0.043	ENVOL
3ER(N+7.20)	B454	V30X60	234.375	0.000	ENVOL	0.043	ENVOL
3ER(N+7.20)	B454	V30X60	281.250	0.000	ENVOL	0.051	ENVOL
3ER(N+7.20)	B454	V30X60	328.125	0.000	ENVOL	0.059	ENVOL
3ER(N+7.20)	B454	V30X60	375.000	0.000	ENVOL	0.066	ENVOL
3ER(N+7.20)	B457	V30X60	0.000	0.000	ENVOL	0.068	ENVOL
3ER(N+7.20)	B457	V30X60	46.875	0.000	ENVOL	0.060	ENVOL
3ER(N+7.20)	B457	V30X60	93.750	0.000	ENVOL	0.053	ENVOL
3ER(N+7.20)	B457	V30X60	140.625	0.000	ENVOL	0.045	ENVOL



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 224 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B457	V30X60	187.500	0.000	ENVOL	0.038	ENVOL
3ER(N+7.20)	B457	V30X60	234.375	0.000	ENVOL	0.046	ENVOL
3ER(N+7.20)	B457	V30X60	281.250	0.000	ENVOL	0.053	ENVOL
3ER(N+7.20)	B457	V30X60	328.125	0.000	ENVOL	0.061	ENVOL
3ER(N+7.20)	B457	V30X60	375.000	0.000	ENVOL	0.069	ENVOL
3ER(N+7.20)	B458	V30X60	0.000	0.012	ENVOL	0.107	C18
3ER(N+7.20)	B458	V30X60	46.875	0.012	ENVOL	0.094	C18
3ER(N+7.20)	B458	V30X60	93.750	0.012	ENVOL	0.081	C18
3ER(N+7.20)	B458	V30X60	140.625	0.012	ENVOL	0.068	C18
3ER(N+7.20)	B458	V30X60	187.500	0.012	ENVOL	0.056	ENVOL
3ER(N+7.20)	B458	V30X60	234.375	0.012	ENVOL	0.065	C18
3ER(N+7.20)	B458	V30X60	281.250	0.012	ENVOL	0.078	C18
3ER(N+7.20)	B458	V30X60	328.125	0.012	ENVOL	0.091	C18
3ER(N+7.20)	B458	V30X60	375.000	0.012	ENVOL	0.103	C18
3ER(N+7.20)	B459	V40X60	0.000	0.038	ENVOL	0.005	ENVOL
3ER(N+7.20)	B459	V40X60	40.000	0.038	ENVOL	0.006	C18
3ER(N+7.20)	B459	V40X60	80.000	0.038	ENVOL	0.008	C18
3ER(N+7.20)	B464	V40X60	0.000	0.000	ENVOL	0.131	C18
3ER(N+7.20)	B464	V40X60	49.957	0.000	ENVOL	0.122	C18
3ER(N+7.20)	B464	V40X60	99.915	0.000	ENVOL	0.113	C18
3ER(N+7.20)	B464	V40X60	149.872	0.000	ENVOL	0.104	C18
3ER(N+7.20)	B464	V40X60	199.829	0.000	ENVOL	0.095	C18
3ER(N+7.20)	B464	V40X60	249.787	0.000	ENVOL	0.086	C18
3ER(N+7.20)	B464	V40X60	299.744	0.000	ENVOL	0.095	C18
3ER(N+7.20)	B464	V40X60	349.701	0.000	ENVOL	0.104	C18
3ER(N+7.20)	B464	V40X60	399.659	0.000	ENVOL	0.112	C18
3ER(N+7.20)	B465	V40X60	0.000	0.000	ENVOL	0.036	C18
3ER(N+7.20)	B465	V40X60	48.649	0.000	ENVOL	0.039	C18
3ER(N+7.20)	B465	V40X60	97.298	0.000	ENVOL	0.041	C18
3ER(N+7.20)	B465	V40X60	145.947	0.000	ENVOL	0.043	C18
3ER(N+7.20)	B467	V40X60	0.000	0.000	ENVOL	0.081	C18
3ER(N+7.20)	B467	V40X60	48.649	0.000	ENVOL	0.079	C18
3ER(N+7.20)	B467	V40X60	97.298	0.000	ENVOL	0.077	C18
3ER(N+7.20)	B467	V40X60	145.947	0.000	ENVOL	0.075	C18
3ER(N+7.20)	B468	V60X60	0.000	0.000	ENVOL	0.144	C18
3ER(N+7.20)	B468	V60X60	49.957	0.000	ENVOL	0.135	C18
3ER(N+7.20)	B468	V60X60	99.915	0.000	ENVOL	0.125	C18
3ER(N+7.20)	B468	V60X60	149.872	0.000	ENVOL	0.128	ENVOL
3ER(N+7.20)	B468	V60X60	199.830	0.000	ENVOL	0.137	C18
3ER(N+7.20)	B468	V60X60	249.787	0.000	ENVOL	0.147	C18
3ER(N+7.20)	B468	V60X60	299.744	0.000	ENVOL	0.157	C18
3ER(N+7.20)	B468	V60X60	349.702	0.000	ENVOL	0.167	C18
3ER(N+7.20)	B468	V60X60	399.659	0.000	ENVOL	0.177	C18
3ER(N+7.20)	B469	V60X60	0.000	0.041	ENVOL	0.142	C18
3ER(N+7.20)	B469	V60X60	41.250	0.041	ENVOL	0.144	C18
3ER(N+7.20)	B469	V60X60	82.500	0.041	ENVOL	0.147	C18
3ER(N+7.20)	B469	V60X60	123.750	0.041	ENVOL	0.149	C18
3ER(N+7.20)	B469	V60X60	165.000	0.041	ENVOL	0.152	C18
3ER(N+7.20)	B470	V60X60	0.000	0.020	ENVOL	0.006	ENVOL
3ER(N+7.20)	B470	V60X60	37.500	0.020	ENVOL	0.004	C18
3ER(N+7.20)	B470	V60X60	75.000	0.020	ENVOL	0.006	ENVOL
3ER(N+7.20)	B471	V60X100	0.000	0.015	ENVOL	0.000	ENVOL
3ER(N+7.20)	B471	V60X100	48.750	0.015	ENVOL	0.000	ENVOL
3ER(N+7.20)	B471	V60X100	97.500	0.015	ENVOL	0.000	ENVOL
3ER(N+7.20)	B471	V60X100	146.250	0.015	ENVOL	0.000	ENVOL
3ER(N+7.20)	B471	V60X100	195.000	0.015	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	49.523	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	99.046	0.000	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 225 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B472	V20X60	148.568	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	198.091	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	247.614	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	297.137	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B472	V20X60	346.659	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	1.659	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	1.659	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	51.659	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	101.659	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	151.659	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	201.659	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	201.659	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	249.992	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	298.326	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B477	V20X60	346.659	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B478	V60X60	0.000	0.019	ENVOL	0.000	ENVOL
3ER(N+7.20)	B478	V60X60	48.750	0.019	ENVOL	0.000	ENVOL
3ER(N+7.20)	B478	V60X60	97.500	0.019	ENVOL	0.000	ENVOL
3ER(N+7.20)	B478	V60X60	146.250	0.019	ENVOL	0.000	ENVOL
3ER(N+7.20)	B478	V60X60	195.000	0.019	ENVOL	0.000	ENVOL
3ER(N+7.20)	B479	V60X60	0.000	0.052	ENVOL	0.031	ENVOL
3ER(N+7.20)	B479	V60X60	25.000	0.052	ENVOL	0.032	ENVOL
3ER(N+7.20)	B489	V30X60	0.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B489	V30X60	48.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B489	V30X60	96.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B489	V30X60	144.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B489	V30X60	192.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B489	V30X60	240.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	0.000	0.000	ENVOL	0.055	ENVOL
3ER(N+7.20)	B500	V40X60	48.000	0.000	ENVOL	0.043	ENVOL
3ER(N+7.20)	B500	V40X60	96.000	0.000	ENVOL	0.033	C18
3ER(N+7.20)	B500	V40X60	144.000	0.000	ENVOL	0.025	C18
3ER(N+7.20)	B500	V40X60	192.000	0.000	ENVOL	0.017	C18
3ER(N+7.20)	B500	V40X60	240.000	0.000	ENVOL	0.008	C18
3ER(N+7.20)	B500	V40X60	288.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	336.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	384.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	432.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	480.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	528.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	576.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	624.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	672.000	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B500	V40X60	720.000	0.000	ENVOL	2.397E-04	C18
3ER(N+7.20)	B500	V40X60	768.000	0.000	ENVOL	0.009	C18
3ER(N+7.20)	B500	V40X60	816.000	0.000	ENVOL	0.017	C18
3ER(N+7.20)	B500	V40X60	864.000	0.000	ENVOL	0.025	C18
3ER(N+7.20)	B500	V40X60	912.000	0.000	ENVOL	0.034	C18
3ER(N+7.20)	B500	V40X60	960.000	0.000	ENVOL	0.044	ENVOL
3ER(N+7.20)	B500	V40X60	1008.000	0.000	ENVOL	0.056	ENVOL
3ER(N+7.20)	B503	V50X60	0.000	0.000	ENVOL	0.073	ENVOL
3ER(N+7.20)	B503	V50X60	48.235	0.000	ENVOL	0.057	ENVOL
3ER(N+7.20)	B503	V50X60	96.471	0.000	ENVOL	0.045	C18
3ER(N+7.20)	B503	V50X60	144.706	0.000	ENVOL	0.034	C18
3ER(N+7.20)	B503	V50X60	192.941	0.000	ENVOL	0.023	C18
3ER(N+7.20)	B503	V50X60	241.176	0.000	ENVOL	0.013	C18
3ER(N+7.20)	B503	V50X60	289.412	0.000	ENVOL	0.002	C18
3ER(N+7.20)	B503	V50X60	337.647	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	385.882	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	434.118	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	482.353	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	530.588	0.000	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 226 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B503	V50X60	578.824	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	627.059	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	675.294	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B503	V50X60	723.529	0.000	ENVOL	0.002	C18
3ER(N+7.20)	B503	V50X60	771.765	0.000	ENVOL	0.013	C18
3ER(N+7.20)	B503	V50X60	820.000	0.000	ENVOL	0.024	C18
3ER(N+7.20)	B503	V50X60	820.000	0.000	ENVOL	0.028	C18
3ER(N+7.20)	B503	V50X60	867.000	0.000	ENVOL	0.038	C18
3ER(N+7.20)	B503	V50X60	914.000	0.000	ENVOL	0.048	C18
3ER(N+7.20)	B503	V50X60	961.000	0.000	ENVOL	0.061	ENVOL
3ER(N+7.20)	B503	V50X60	1008.000	0.000	ENVOL	0.077	ENVOL
3ER(N+7.20)	B504	V30X60	0.000	0.000	ENVOL	0.086	ENVOL
3ER(N+7.20)	B504	V30X60	47.000	0.000	ENVOL	0.073	ENVOL
3ER(N+7.20)	B504	V30X60	94.000	0.000	ENVOL	0.061	C18
3ER(N+7.20)	B504	V30X60	141.000	0.000	ENVOL	0.052	C18
3ER(N+7.20)	B504	V30X60	188.000	0.000	ENVOL	0.043	C18
3ER(N+7.20)	B504	V30X60	188.000	0.000	ENVOL	0.039	C18
3ER(N+7.20)	B504	V30X60	236.235	0.000	ENVOL	0.030	C18
3ER(N+7.20)	B504	V30X60	284.470	0.000	ENVOL	0.020	C18
3ER(N+7.20)	B504	V30X60	332.706	0.000	ENVOL	0.011	C18
3ER(N+7.20)	B504	V30X60	380.941	0.000	ENVOL	0.002	C18
3ER(N+7.20)	B504	V30X60	429.176	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	477.412	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	525.647	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	573.882	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	622.117	0.000	ENVOL	0.000	ENVOL
3ER(N+7.20)	B504	V30X60	670.353	0.000	ENVOL	0.009	C18
3ER(N+7.20)	B504	V30X60	718.588	0.000	ENVOL	0.018	C18
3ER(N+7.20)	B504	V30X60	766.823	0.000	ENVOL	0.028	C18
3ER(N+7.20)	B504	V30X60	815.059	0.000	ENVOL	0.037	C18
3ER(N+7.20)	B504	V30X60	863.294	0.000	ENVOL	0.046	C18
3ER(N+7.20)	B504	V30X60	911.529	0.000	ENVOL	0.056	C18
3ER(N+7.20)	B504	V30X60	959.765	0.000	ENVOL	0.067	ENVOL
3ER(N+7.20)	B504	V30X60	1008.000	0.000	ENVOL	0.080	ENVOL
3ER(N+7.20)	B513	V60X60	0.000	0.000	ENVOL	0.120	C18
3ER(N+7.20)	B513	V60X60	48.333	0.000	ENVOL	0.123	C18
3ER(N+7.20)	B513	V60X60	96.667	0.000	ENVOL	0.126	C18
3ER(N+7.20)	B513	V60X60	145.000	0.000	ENVOL	0.129	C18
3ER(N+7.20)	B514	V60X60	0.000	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B514	V60X60	48.750	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B514	V60X60	97.500	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B514	V60X60	146.250	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B514	V60X60	195.000	0.011	ENVOL	0.000	ENVOL
3ER(N+7.20)	B518	V40X60	0.000	0.015	ENVOL	0.097	C18
3ER(N+7.20)	B518	V40X60	50.000	0.015	ENVOL	0.088	C18
3ER(N+7.20)	B518	V40X60	100.000	0.015	ENVOL	0.079	C18
3ER(N+7.20)	B518	V40X60	150.000	0.015	ENVOL	0.070	C18
3ER(N+7.20)	B518	V40X60	200.000	0.015	ENVOL	0.062	C18
3ER(N+7.20)	B519	V50X60	0.000	0.000	ENVOL	0.097	C18
3ER(N+7.20)	B519	V50X60	50.000	0.000	ENVOL	0.086	C18
3ER(N+7.20)	B519	V50X60	100.000	0.000	ENVOL	0.075	C18
3ER(N+7.20)	B519	V50X60	150.000	0.000	ENVOL	0.064	C18
3ER(N+7.20)	B519	V50X60	200.000	0.000	ENVOL	0.054	ENVOL
3ER(N+7.20)	B522	V20X60	0.000	0.000	ENVOL	0.021	C18
3ER(N+7.20)	B522	V20X60	48.333	0.000	ENVOL	0.022	C18
3ER(N+7.20)	B522	V20X60	96.667	0.000	ENVOL	0.023	C18
3ER(N+7.20)	B522	V20X60	145.000	0.000	ENVOL	0.024	C18
3ER(N+7.20)	B523	V20X60	0.000	0.000	ENVOL	0.013	C18
3ER(N+7.20)	B523	V20X60	48.750	0.000	ENVOL	0.014	C18
3ER(N+7.20)	B523	V20X60	97.500	0.000	ENVOL	0.015	ENVOL
3ER(N+7.20)	B523	V20X60	146.250	0.000	ENVOL	0.016	ENVOL
3ER(N+7.20)	B523	V20X60	195.000	0.000	ENVOL	0.017	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 227 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B524	V20X60	0.000	0.000	ENVOL	0.022	C18
3ER(N+7.20)	B524	V20X60	48.000	0.000	ENVOL	0.023	C18
3ER(N+7.20)	B524	V20X60	96.000	0.000	ENVOL	0.023	C18
3ER(N+7.20)	B524	V20X60	144.000	0.000	ENVOL	0.024	C18
3ER(N+7.20)	B524	V20X60	192.000	0.000	ENVOL	0.025	C18
3ER(N+7.20)	B524	V20X60	240.000	0.000	ENVOL	0.026	C18
3ER(N+7.20)	B630	V30X60	0.000	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	46.667	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	93.333	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	140.000	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	186.667	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	233.333	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	280.000	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	280.000	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	323.333	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	366.667	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	410.000	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	453.333	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	496.667	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B630	V30X60	540.000	0.018	ENVOL	0.000	ENVOL
3ER(N+7.20)	B631	V30X60	0.000	0.022	ENVOL	0.000	ENVOL
3ER(N+7.20)	B631	V30X60	44.000	0.022	ENVOL	0.000	ENVOL
3ER(N+7.20)	B631	V30X60	88.000	0.022	ENVOL	0.000	ENVOL
3ER(N+7.20)	B631	V30X60	132.000	0.022	ENVOL	0.000	ENVOL
3ER(N+7.20)	B631	V30X60	176.000	0.022	ENVOL	0.000	ENVOL
3ER(N+7.20)	B631	V30X60	220.000	0.022	ENVOL	0.000	ENVOL
2DO(N+3.78)	B1	V60X60	0.000	0.022	ENVOL	0.000	ENVOL
2DO(N+3.78)	B1	V60X60	45.000	0.022	ENVOL	0.000	ENVOL
2DO(N+3.78)	B1	V60X60	90.000	0.022	ENVOL	0.000	ENVOL
2DO(N+3.78)	B1	V60X60	135.000	0.022	ENVOL	0.000	ENVOL
2DO(N+3.78)	B1	V60X60	180.000	0.022	ENVOL	0.000	ENVOL
2DO(N+3.78)	B2	V60X60	0.000	0.000	ENVOL	0.240	ENVOL
2DO(N+3.78)	B2	V60X60	47.143	0.000	ENVOL	0.233	ENVOL
2DO(N+3.78)	B2	V60X60	94.286	0.000	ENVOL	0.226	ENVOL
2DO(N+3.78)	B2	V60X60	141.429	0.000	ENVOL	0.219	C18
2DO(N+3.78)	B2	V60X60	188.571	0.000	ENVOL	0.213	C18
2DO(N+3.78)	B2	V60X60	235.714	0.000	ENVOL	0.207	C18
2DO(N+3.78)	B2	V60X60	282.857	0.000	ENVOL	0.212	ENVOL
2DO(N+3.78)	B2	V60X60	330.000	0.000	ENVOL	0.219	ENVOL
2DO(N+3.78)	B3	V60X60	30.000	0.000	ENVOL	0.094	ENVOL
2DO(N+3.78)	B3	V60X60	77.500	0.000	ENVOL	0.087	ENVOL
2DO(N+3.78)	B3	V60X60	125.000	0.000	ENVOL	0.080	ENVOL
2DO(N+3.78)	B3	V60X60	172.500	0.000	ENVOL	0.073	ENVOL
2DO(N+3.78)	B3	V60X60	220.000	0.000	ENVOL	0.066	ENVOL
2DO(N+3.78)	B3	V60X60	267.500	0.000	ENVOL	0.059	ENVOL
2DO(N+3.78)	B3	V60X60	315.000	0.000	ENVOL	0.055	C18
2DO(N+3.78)	B3	V60X60	362.500	0.000	ENVOL	0.062	ENVOL
2DO(N+3.78)	B3	V60X60	410.000	0.000	ENVOL	0.069	ENVOL
2DO(N+3.78)	B3	V60X60	457.500	0.000	ENVOL	0.077	ENVOL
2DO(N+3.78)	B3	V60X60	505.000	0.000	ENVOL	0.084	ENVOL
2DO(N+3.78)	B3	V60X60	552.500	0.000	ENVOL	0.091	ENVOL
2DO(N+3.78)	B3	V60X60	600.000	0.000	ENVOL	0.098	ENVOL
2DO(N+3.78)	B4	V60X60	30.000	0.000	ENVOL	0.096	ENVOL
2DO(N+3.78)	B4	V60X60	77.500	0.000	ENVOL	0.089	ENVOL
2DO(N+3.78)	B4	V60X60	125.000	0.000	ENVOL	0.082	ENVOL
2DO(N+3.78)	B4	V60X60	172.500	0.000	ENVOL	0.075	ENVOL
2DO(N+3.78)	B4	V60X60	220.000	0.000	ENVOL	0.067	ENVOL
2DO(N+3.78)	B4	V60X60	267.500	0.000	ENVOL	0.060	ENVOL
2DO(N+3.78)	B4	V60X60	315.000	0.000	ENVOL	0.053	ENVOL
2DO(N+3.78)	B4	V60X60	362.500	0.000	ENVOL	0.058	ENVOL
2DO(N+3.78)	B4	V60X60	410.000	0.000	ENVOL	0.065	ENVOL
2DO(N+3.78)	B4	V60X60	457.500	0.000	ENVOL	0.073	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 228 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B4	V60X60	505.000	0.000	ENVOL	0.080	ENVOL
2DO (N+3.78)	B4	V60X60	552.500	0.000	ENVOL	0.087	ENVOL
2DO (N+3.78)	B4	V60X60	600.000	0.000	ENVOL	0.094	ENVOL
2DO (N+3.78)	B5	V60X60	30.000	0.000	ENVOL	0.239	C18
2DO (N+3.78)	B5	V60X60	78.000	0.000	ENVOL	0.227	ENVOL
2DO (N+3.78)	B5	V60X60	126.000	0.000	ENVOL	0.215	ENVOL
2DO (N+3.78)	B5	V60X60	174.000	0.000	ENVOL	0.215	C18
2DO (N+3.78)	B5	V60X60	222.000	0.000	ENVOL	0.227	C18
2DO (N+3.78)	B5	V60X60	270.000	0.000	ENVOL	0.240	C18
2DO (N+3.78)	B5	V60X60	270.000	0.000	ENVOL	0.262	C18
2DO (N+3.78)	B5	V60X60	315.000	0.000	ENVOL	0.268	C18
2DO (N+3.78)	B5	V60X60	360.000	0.000	ENVOL	0.273	C18
2DO (N+3.78)	B6	V60X60	0.000	0.022	ENVOL	0.000	ENVOL
2DO (N+3.78)	B6	V60X60	45.000	0.022	ENVOL	0.000	ENVOL
2DO (N+3.78)	B6	V60X60	90.000	0.022	ENVOL	0.000	ENVOL
2DO (N+3.78)	B6	V60X60	135.000	0.022	ENVOL	0.000	ENVOL
2DO (N+3.78)	B6	V60X60	180.000	0.022	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	45.714	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	91.429	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	137.143	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	182.857	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	228.571	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	274.286	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B7	V30X60	320.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	30.000	0.000	ENVOL	0.031	C18
2DO (N+3.78)	B13	V60X60	77.273	0.000	ENVOL	0.015	C18
2DO (N+3.78)	B13	V60X60	124.545	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	171.818	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	219.091	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	266.364	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	313.636	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	360.909	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	408.182	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B13	V60X60	455.455	0.000	ENVOL	0.016	C18
2DO (N+3.78)	B13	V60X60	502.727	0.000	ENVOL	0.032	C18
2DO (N+3.78)	B13	V60X60	550.000	0.000	ENVOL	0.048	C18
2DO (N+3.78)	B14	V50X60	30.000	0.000	ENVOL	0.022	C18
2DO (N+3.78)	B14	V50X60	75.682	0.000	ENVOL	0.010	C18
2DO (N+3.78)	B14	V50X60	121.364	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	167.045	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	212.727	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	258.409	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	304.091	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	349.773	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	395.455	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	441.136	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B14	V50X60	486.818	0.000	ENVOL	0.006	C18
2DO (N+3.78)	B14	V50X60	532.500	0.000	ENVOL	0.018	C18
2DO (N+3.78)	B17	V50X60	30.000	0.000	ENVOL	8.401E-04	C18
2DO (N+3.78)	B17	V50X60	78.333	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	126.667	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	175.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	223.333	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	271.667	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	320.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	320.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	362.500	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	405.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	447.500	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B17	V50X60	490.000	0.000	ENVOL	0.011	C18
2DO (N+3.78)	B17	V50X60	532.500	0.000	ENVOL	0.022	C18



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 229 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B20	V60X60	0.000	0.000	ENVOL	0.036	C18
2DO (N+3.78)	B20	V60X60	45.714	0.000	ENVOL	0.025	C18
2DO (N+3.78)	B20	V60X60	91.429	0.000	ENVOL	0.014	C18
2DO (N+3.78)	B20	V60X60	137.143	0.000	ENVOL	0.004	C18
2DO (N+3.78)	B20	V60X60	182.857	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	228.571	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	274.286	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	320.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	320.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	370.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B20	V60X60	420.000	0.000	ENVOL	0.003	C18
2DO (N+3.78)	B20	V60X60	470.000	0.000	ENVOL	0.020	C18
2DO (N+3.78)	B20	V60X60	520.000	0.000	ENVOL	0.038	C18
2DO (N+3.78)	B22	V30X60	0.000	0.000	ENVOL	0.010	ENVOL
2DO (N+3.78)	B22	V30X60	45.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	90.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	135.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	180.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	225.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	315.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	360.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	405.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	450.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	495.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B32	V50X60	30.000	0.000	ENVOL	0.098	ENVOL
2DO (N+3.78)	B32	V50X60	76.000	0.000	ENVOL	0.096	C18
2DO (N+3.78)	B32	V50X60	122.000	0.000	ENVOL	0.093	C18
2DO (N+3.78)	B32	V50X60	168.000	0.000	ENVOL	0.091	C18
2DO (N+3.78)	B32	V50X60	214.000	0.000	ENVOL	0.089	C18
2DO (N+3.78)	B32	V50X60	260.000	0.000	ENVOL	0.086	C18
2DO (N+3.78)	B32	V50X60	306.000	0.000	ENVOL	0.084	C18
2DO (N+3.78)	B32	V50X60	352.000	0.000	ENVOL	0.082	C18
2DO (N+3.78)	B32	V50X60	398.000	0.000	ENVOL	0.080	C18
2DO (N+3.78)	B32	V50X60	444.000	0.000	ENVOL	0.079	ENVOL
2DO (N+3.78)	B32	V50X60	490.000	0.000	ENVOL	0.082	ENVOL
2DO (N+3.78)	B34	V50X60	50.000	0.000	ENVOL	0.024	ENVOL
2DO (N+3.78)	B34	V50X60	98.333	0.000	ENVOL	0.021	ENVOL
2DO (N+3.78)	B34	V50X60	146.667	0.000	ENVOL	0.018	ENVOL
2DO (N+3.78)	B34	V50X60	195.000	0.000	ENVOL	0.015	ENVOL
2DO (N+3.78)	B34	V50X60	243.333	0.000	ENVOL	0.012	ENVOL
2DO (N+3.78)	B34	V50X60	291.667	0.000	ENVOL	0.009	ENVOL
2DO (N+3.78)	B34	V50X60	340.000	0.000	ENVOL	0.006	C14
2DO (N+3.78)	B34	V50X60	388.333	0.000	ENVOL	0.003	C14
2DO (N+3.78)	B34	V50X60	436.667	0.000	ENVOL	1.992E-04	C14
2DO (N+3.78)	B34	V50X60	485.000	0.000	ENVOL	0.003	ENVOL
2DO (N+3.78)	B34	V50X60	533.333	0.000	ENVOL	0.006	ENVOL
2DO (N+3.78)	B34	V50X60	581.667	0.000	ENVOL	0.009	ENVOL
2DO (N+3.78)	B34	V50X60	630.000	0.000	ENVOL	0.013	ENVOL
2DO (N+3.78)	B34	V50X60	678.333	0.000	ENVOL	0.010	ENVOL
2DO (N+3.78)	B34	V50X60	726.667	0.000	ENVOL	0.007	ENVOL
2DO (N+3.78)	B34	V50X60	775.000	0.000	ENVOL	0.004	ENVOL
2DO (N+3.78)	B34	V50X60	823.333	0.000	ENVOL	8.945E-04	ENVOL
2DO (N+3.78)	B34	V50X60	871.667	0.000	ENVOL	0.002	C14
2DO (N+3.78)	B34	V50X60	920.000	0.000	ENVOL	0.005	C14
2DO (N+3.78)	B34	V50X60	968.333	0.000	ENVOL	0.008	ENVOL
2DO (N+3.78)	B34	V50X60	1016.667	0.000	ENVOL	0.011	ENVOL
2DO (N+3.78)	B34	V50X60	1065.000	0.000	ENVOL	0.014	ENVOL
2DO (N+3.78)	B34	V50X60	1113.333	0.000	ENVOL	0.017	ENVOL
2DO (N+3.78)	B34	V50X60	1161.667	0.000	ENVOL	0.020	ENVOL
2DO (N+3.78)	B34	V50X60	1210.000	0.000	ENVOL	0.023	ENVOL
2DO (N+3.78)	B35	V50X60	50.000	0.000	ENVOL	0.094	ENVOL
2DO (N+3.78)	B35	V50X60	96.000	0.000	ENVOL	0.092	ENVOL







Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 230 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B35	V50X60	142.000	0.000	ENVOL	0.089	ENVOL
2DO (N+3.78)	B35	V50X60	188.000	0.000	ENVOL	0.086	ENVOL
2DO (N+3.78)	B35	V50X60	234.000	0.000	ENVOL	0.087	C18
2DO (N+3.78)	B35	V50X60	280.000	0.000	ENVOL	0.089	ENVOL
2DO (N+3.78)	B35	V50X60	280.000	0.000	ENVOL	0.105	C18
2DO (N+3.78)	B35	V50X60	326.000	0.000	ENVOL	0.111	C18
2DO (N+3.78)	B35	V50X60	372.000	0.000	ENVOL	0.117	C18
2DO (N+3.78)	B35	V50X60	418.000	0.000	ENVOL	0.124	C18
2DO (N+3.78)	B35	V50X60	464.000	0.000	ENVOL	0.130	C18
2DO (N+3.78)	B35	V50X60	510.000	0.000	ENVOL	0.136	C18
2DO (N+3.78)	B42	V60X60	30.000	0.012	ENVOL	0.145	C18
2DO (N+3.78)	B42	V60X60	78.000	0.012	ENVOL	0.129	C18
2DO (N+3.78)	B42	V60X60	126.000	0.012	ENVOL	0.142	C18
2DO (N+3.78)	B42	V60X60	174.000	0.012	ENVOL	0.159	C18
2DO (N+3.78)	B42	V60X60	222.000	0.012	ENVOL	0.175	C18
2DO (N+3.78)	B42	V60X60	270.000	0.012	ENVOL	0.192	C18
2DO (N+3.78)	B44	V50X60	17.500	0.000	ENVOL	0.120	ENVOL
2DO (N+3.78)	B44	V50X60	59.583	0.000	ENVOL	0.111	ENVOL
2DO (N+3.78)	B44	V50X60	101.667	0.000	ENVOL	0.102	ENVOL
2DO (N+3.78)	B44	V50X60	143.750	0.000	ENVOL	0.093	ENVOL
2DO (N+3.78)	B44	V50X60	185.833	0.000	ENVOL	0.083	ENVOL
2DO (N+3.78)	B44	V50X60	227.917	0.000	ENVOL	0.074	ENVOL
2DO (N+3.78)	B44	V50X60	270.000	0.000	ENVOL	0.065	ENVOL
2DO (N+3.78)	B49	V50X60	17.500	0.000	ENVOL	0.132	ENVOL
2DO (N+3.78)	B49	V50X60	58.000	0.000	ENVOL	0.126	ENVOL
2DO (N+3.78)	B49	V50X60	98.500	0.000	ENVOL	0.120	ENVOL
2DO (N+3.78)	B49	V50X60	139.000	0.000	ENVOL	0.115	ENVOL
2DO (N+3.78)	B49	V50X60	179.500	0.000	ENVOL	0.109	ENVOL
2DO (N+3.78)	B49	V50X60	220.000	0.000	ENVOL	0.103	ENVOL
2DO (N+3.78)	B49	V50X60	220.000	0.000	ENVOL	0.084	ENVOL
2DO (N+3.78)	B49	V50X60	270.000	0.000	ENVOL	0.073	ENVOL
2DO (N+3.78)	B53	V60X60	30.000	0.016	ENVOL	0.122	ENVOL
2DO (N+3.78)	B53	V60X60	77.500	0.016	ENVOL	0.114	ENVOL
2DO (N+3.78)	B53	V60X60	125.000	0.016	ENVOL	0.108	C18
2DO (N+3.78)	B53	V60X60	172.500	0.016	ENVOL	0.115	ENVOL
2DO (N+3.78)	B53	V60X60	220.000	0.016	ENVOL	0.122	ENVOL
2DO (N+3.78)	B53	V60X60	220.000	0.016	C14	0.153	C18
2DO (N+3.78)	B53	V60X60	270.000	0.016	C14	0.170	C18
2DO (N+3.78)	B59	V20X60	0.000	0.000	ENVOL	8.625E-04	ENVOL
2DO (N+3.78)	B59	V20X60	40.000	0.000	ENVOL	1.362E-04	ENVOL
2DO (N+3.78)	B59	V20X60	80.000	0.000	ENVOL	2.091E-05	ENVOL
2DO (N+3.78)	B59	V20X60	120.000	0.000	ENVOL	0.001	ENVOL
2DO (N+3.78)	B61	V20X60	0.000	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B61	V20X60	46.667	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B61	V20X60	93.333	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B61	V20X60	140.000	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B61	V20X60	186.667	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B61	V20X60	233.333	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B61	V20X60	280.000	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B61	V20X60	326.667	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B61	V20X60	373.333	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B61	V20X60	420.000	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B67	V20X60	0.000	0.017	ENVOL	0.000	ENVOL
2DO (N+3.78)	B67	V20X60	46.667	0.017	ENVOL	0.000	ENVOL
2DO (N+3.78)	B67	V20X60	93.333	0.017	ENVOL	0.000	ENVOL
2DO (N+3.78)	B67	V20X60	140.000	0.017	ENVOL	0.000	ENVOL
2DO (N+3.78)	B67	V20X60	186.667	0.017	ENVOL	0.000	ENVOL
2DO (N+3.78)	B67	V20X60	233.333	0.017	ENVOL	0.000	ENVOL
2DO (N+3.78)	B67	V20X60	280.000	0.017	ENVOL	0.000	ENVOL
2DO (N+3.78)	B67	V20X60	326.667	0.017	ENVOL	0.000	ENVOL
2DO (N+3.78)	B67	V20X60	373.333	0.017	ENVOL	0.000	ENVOL
2DO (N+3.78)	B67	V20X60	420.000	0.017	ENVOL	0.000	ENVOL



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 231 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B70	V20X60	0.000	0.000	ENVOL	0.001	ENVOL
2DO (N+3.78)	B70	V20X60	40.000	0.000	ENVOL	7.673E-05	C14
2DO (N+3.78)	B70	V20X60	80.000	0.000	ENVOL	1.565E-04	ENVOL
2DO (N+3.78)	B70	V20X60	120.000	0.000	ENVOL	8.421E-04	ENVOL
2DO (N+3.78)	B73	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B73	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B73	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B73	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B73	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B75	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B75	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B75	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B75	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B75	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	0.000	0.000	ENVOL	2.632E-04	ENVOL
2DO (N+3.78)	B157	V60X60	50.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	100.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	150.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	200.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	250.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	300.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	350.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	400.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	450.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	500.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	550.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	600.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	650.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	700.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	750.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	800.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	850.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	900.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	950.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B157	V60X60	1000.000	0.000	ENVOL	0.002	ENVOL
2DO (N+3.78)	B188	V60X60	0.000	0.000	ENVOL	0.001	ENVOL
2DO (N+3.78)	B188	V60X60	50.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	100.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	150.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	200.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	250.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	300.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	350.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	400.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	450.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	500.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	550.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	600.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	650.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	700.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	750.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	800.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	850.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	900.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	950.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B188	V60X60	1000.000	0.000	ENVOL	0.002	ENVOL
2DO (N+3.78)	B270	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B270	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B270	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B270	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B270	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B272	V60X60	0.000	0.000	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 232 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B272	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B272	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B272	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B272	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B274	V60X60	0.000	0.000	ENVOL	0.009	ENVOL
2DO (N+3.78)	B274	V60X60	40.000	0.000	ENVOL	0.006	ENVOL
2DO (N+3.78)	B274	V60X60	80.000	0.000	ENVOL	0.006	ENVOL
2DO (N+3.78)	B274	V60X60	120.000	0.000	ENVOL	0.009	ENVOL
2DO (N+3.78)	B276	V60X60	0.000	0.000	ENVOL	0.208	C18
2DO (N+3.78)	B276	V60X60	46.000	0.000	ENVOL	0.205	C18
2DO (N+3.78)	B276	V60X60	92.000	0.000	ENVOL	0.202	C18
2DO (N+3.78)	B276	V60X60	138.000	0.000	ENVOL	0.200	C18
2DO (N+3.78)	B276	V60X60	184.000	0.000	ENVOL	0.197	C18
2DO (N+3.78)	B276	V60X60	230.000	0.000	ENVOL	0.194	C18
2DO (N+3.78)	B286	V60X60	60.000	0.000	ENVOL	0.193	C18
2DO (N+3.78)	B286	V60X60	106.000	0.000	ENVOL	0.196	C18
2DO (N+3.78)	B286	V60X60	152.000	0.000	ENVOL	0.199	C18
2DO (N+3.78)	B286	V60X60	198.000	0.000	ENVOL	0.202	C18
2DO (N+3.78)	B286	V60X60	244.000	0.000	ENVOL	0.204	C18
2DO (N+3.78)	B286	V60X60	290.000	0.000	ENVOL	0.207	C18
2DO (N+3.78)	B288	V60X60	0.000	0.000	ENVOL	0.009	ENVOL
2DO (N+3.78)	B288	V60X60	40.000	0.000	ENVOL	0.006	ENVOL
2DO (N+3.78)	B288	V60X60	80.000	0.000	ENVOL	0.006	ENVOL
2DO (N+3.78)	B288	V60X60	120.000	0.000	ENVOL	0.008	ENVOL
2DO (N+3.78)	B296	V60X60	0.000	0.000	ENVOL	0.154	C18
2DO (N+3.78)	B296	V60X60	48.000	0.000	ENVOL	0.140	C18
2DO (N+3.78)	B296	V60X60	96.000	0.000	ENVOL	0.126	C18
2DO (N+3.78)	B296	V60X60	144.000	0.000	ENVOL	0.113	C18
2DO (N+3.78)	B296	V60X60	192.000	0.000	ENVOL	0.110	ENVOL
2DO (N+3.78)	B296	V60X60	240.000	0.000	ENVOL	0.123	C18
2DO (N+3.78)	B296	V60X60	240.000	0.000	ENVOL	0.123	C18
2DO (N+3.78)	B296	V60X60	273.753	0.000	ENVOL	0.132	C18
2DO (N+3.78)	B296	V60X60	307.507	0.000	ENVOL	0.141	C18
2DO (N+3.78)	B296	V60X60	341.260	0.000	ENVOL	0.150	C18
2DO (N+3.78)	B297	V60X60	0.000	0.000	ENVOL	0.166	C18
2DO (N+3.78)	B297	V60X60	48.000	0.000	ENVOL	0.152	C18
2DO (N+3.78)	B297	V60X60	96.000	0.000	ENVOL	0.138	C18
2DO (N+3.78)	B297	V60X60	144.000	0.000	ENVOL	0.124	C18
2DO (N+3.78)	B297	V60X60	192.000	0.000	ENVOL	0.113	ENVOL
2DO (N+3.78)	B297	V60X60	240.000	0.000	ENVOL	0.126	ENVOL
2DO (N+3.78)	B297	V60X60	240.000	0.000	ENVOL	0.126	ENVOL
2DO (N+3.78)	B297	V60X60	273.753	0.000	ENVOL	0.135	C18
2DO (N+3.78)	B297	V60X60	307.507	0.000	ENVOL	0.144	C18
2DO (N+3.78)	B297	V60X60	341.260	0.000	ENVOL	0.153	C18
2DO (N+3.78)	B306	V40X60	0.000	0.021	ENVOL	0.000	ENVOL
2DO (N+3.78)	B306	V40X60	41.727	0.021	ENVOL	0.000	ENVOL
2DO (N+3.78)	B306	V40X60	83.455	0.021	ENVOL	0.000	ENVOL
2DO (N+3.78)	B306	V40X60	125.182	0.021	ENVOL	0.000	ENVOL
2DO (N+3.78)	B306	V40X60	166.909	0.021	ENVOL	0.000	ENVOL
2DO (N+3.78)	B307	V40X60	0.000	0.015	C14	0.027	ENVOL
2DO (N+3.78)	B307	V40X60	44.364	0.015	C14	0.019	ENVOL
2DO (N+3.78)	B307	V40X60	88.727	0.015	C14	0.018	ENVOL
2DO (N+3.78)	B307	V40X60	133.091	0.015	C14	0.027	ENVOL
2DO (N+3.78)	B308	V40X60	0.000	0.011	ENVOL	0.115	C18
2DO (N+3.78)	B308	V40X60	41.057	0.011	ENVOL	0.106	C18
2DO (N+3.78)	B308	V40X60	82.114	0.011	ENVOL	0.099	C18
2DO (N+3.78)	B308	V40X60	123.171	0.011	ENVOL	0.093	ENVOL
2DO (N+3.78)	B308	V40X60	164.227	0.011	ENVOL	0.097	ENVOL
2DO (N+3.78)	B308	V40X60	205.284	0.011	ENVOL	0.099	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 233 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B309	V40X60	0.000	0.011	ENVOL	0.100	C18
2DO (N+3.78)	B309	V40X60	41.057	0.011	ENVOL	0.097	C18
2DO (N+3.78)	B309	V40X60	82.114	0.011	ENVOL	0.096	ENVOL
2DO (N+3.78)	B309	V40X60	123.171	0.011	ENVOL	0.101	C18
2DO (N+3.78)	B309	V40X60	164.228	0.011	ENVOL	0.109	C18
2DO (N+3.78)	B309	V40X60	205.285	0.011	ENVOL	0.117	C18
2DO (N+3.78)	B311	V40X60	0.000	0.015	ENVOL	0.027	ENVOL
2DO (N+3.78)	B311	V40X60	44.363	0.015	ENVOL	0.018	ENVOL
2DO (N+3.78)	B311	V40X60	88.727	0.015	ENVOL	0.019	ENVOL
2DO (N+3.78)	B311	V40X60	133.090	0.015	ENVOL	0.028	ENVOL
2DO (N+3.78)	B312	V40X60	0.000	0.020	ENVOL	0.000	ENVOL
2DO (N+3.78)	B312	V40X60	41.728	0.020	ENVOL	0.000	ENVOL
2DO (N+3.78)	B312	V40X60	83.455	0.020	ENVOL	0.000	ENVOL
2DO (N+3.78)	B312	V40X60	125.183	0.020	ENVOL	0.000	ENVOL
2DO (N+3.78)	B312	V40X60	166.910	0.020	ENVOL	0.000	ENVOL
2DO (N+3.78)	B322	V20X60	0.000	0.000	ENVOL	0.004	ENVOL
2DO (N+3.78)	B322	V20X60	46.364	0.000	ENVOL	0.003	ENVOL
2DO (N+3.78)	B322	V20X60	92.727	0.000	ENVOL	0.002	C18
2DO (N+3.78)	B322	V20X60	139.091	0.000	ENVOL	4.929E-04	C18
2DO (N+3.78)	B322	V20X60	185.454	0.000	ENVOL	6.646E-04	ENVOL
2DO (N+3.78)	B322	V20X60	231.818	0.000	ENVOL	0.003	ENVOL
2DO (N+3.78)	B322	V20X60	278.182	0.000	ENVOL	0.002	ENVOL
2DO (N+3.78)	B322	V20X60	324.545	0.000	ENVOL	3.668E-04	ENVOL
2DO (N+3.78)	B322	V20X60	370.909	0.000	ENVOL	7.907E-04	C18
2DO (N+3.78)	B322	V20X60	417.273	0.000	ENVOL	0.002	ENVOL
2DO (N+3.78)	B322	V20X60	463.636	0.000	ENVOL	0.003	ENVOL
2DO (N+3.78)	B322	V20X60	510.000	0.000	ENVOL	0.004	C18
2DO (N+3.78)	B323	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	46.092	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	92.185	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	138.277	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	184.370	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	230.462	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	276.555	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	322.647	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	368.739	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	414.832	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	460.924	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	507.017	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B323	V20X60	553.109	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	46.092	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	92.185	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	138.277	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	184.370	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	230.462	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	276.555	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	322.647	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	368.740	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	414.832	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	460.925	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	507.017	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B324	V20X60	553.110	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B326	V20X60	0.000	0.000	ENVOL	0.004	ENVOL
2DO (N+3.78)	B326	V20X60	46.364	0.000	ENVOL	0.003	ENVOL
2DO (N+3.78)	B326	V20X60	92.727	0.000	ENVOL	0.002	ENVOL
2DO (N+3.78)	B326	V20X60	139.091	0.000	ENVOL	6.694E-04	C18
2DO (N+3.78)	B326	V20X60	185.455	0.000	ENVOL	4.881E-04	ENVOL
2DO (N+3.78)	B326	V20X60	231.818	0.000	ENVOL	0.003	ENVOL
2DO (N+3.78)	B326	V20X60	278.182	0.000	ENVOL	0.002	ENVOL
2DO (N+3.78)	B326	V20X60	324.545	0.000	ENVOL	7.836E-04	ENVOL
2DO (N+3.78)	B326	V20X60	370.909	0.000	ENVOL	3.740E-04	C18
2DO (N+3.78)	B326	V20X60	417.273	0.000	ENVOL	0.002	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 234 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B326	V20X60	463.636	0.000	ENVOL	0.003	ENVOL
2DO (N+3.78)	B326	V20X60	510.000	0.000	ENVOL	0.004	ENVOL
2DO (N+3.78)	B339	V20X60	0.000	0.000	ENVOL	0.021	C18
2DO (N+3.78)	B339	V20X60	48.534	0.000	ENVOL	0.008	C18
2DO (N+3.78)	B339	V20X60	97.068	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B339	V20X60	145.602	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B339	V20X60	194.137	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B339	V20X60	242.671	0.000	ENVOL	0.008	C18
2DO (N+3.78)	B339	V20X60	291.205	0.000	ENVOL	0.020	C18
2DO (N+3.78)	B340	V20X60	0.000	0.000	ENVOL	0.020	C18
2DO (N+3.78)	B340	V20X60	48.534	0.000	ENVOL	0.008	C18
2DO (N+3.78)	B340	V20X60	97.068	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B340	V20X60	145.603	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B340	V20X60	194.137	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B340	V20X60	242.671	0.000	ENVOL	0.009	C18
2DO (N+3.78)	B340	V20X60	291.205	0.000	ENVOL	0.022	C18
2DO (N+3.78)	B348	V20X60	0.000	0.000	ENVOL	0.020	ENVOL
2DO (N+3.78)	B348	V20X60	50.000	0.000	ENVOL	0.019	C18
2DO (N+3.78)	B348	V20X60	100.000	0.000	ENVOL	0.020	ENVOL
2DO (N+3.78)	B350	V20X60	0.000	0.000	ENVOL	0.021	ENVOL
2DO (N+3.78)	B350	V20X60	50.000	0.000	ENVOL	0.020	C18
2DO (N+3.78)	B350	V20X60	100.000	0.000	ENVOL	0.021	ENVOL
2DO (N+3.78)	B351	V60X60	0.000	0.000	ENVOL	0.160	ENVOL
2DO (N+3.78)	B351	V60X60	40.369	0.000	ENVOL	0.157	ENVOL
2DO (N+3.78)	B351	V60X60	80.737	0.000	ENVOL	0.155	ENVOL
2DO (N+3.78)	B352	V60X60	0.000	0.000	ENVOL	0.166	ENVOL
2DO (N+3.78)	B352	V60X60	31.812	0.000	ENVOL	0.168	ENVOL
2DO (N+3.78)	B353	V20X60	0.000	0.000	ENVOL	0.013	C18
2DO (N+3.78)	B353	V20X60	42.884	0.000	ENVOL	0.011	C18
2DO (N+3.78)	B353	V20X60	85.767	0.000	ENVOL	0.009	C18
2DO (N+3.78)	B353	V20X60	128.651	0.000	ENVOL	0.008	ENVOL
2DO (N+3.78)	B353	V20X60	171.535	0.000	ENVOL	0.009	ENVOL
2DO (N+3.78)	B353	V20X60	214.418	0.000	ENVOL	0.011	ENVOL
2DO (N+3.78)	B354	V20X60	0.000	0.000	ENVOL	0.011	ENVOL
2DO (N+3.78)	B354	V20X60	42.884	0.000	ENVOL	0.009	ENVOL
2DO (N+3.78)	B354	V20X60	85.767	0.000	ENVOL	0.008	ENVOL
2DO (N+3.78)	B354	V20X60	128.651	0.000	ENVOL	0.010	C18
2DO (N+3.78)	B354	V20X60	171.535	0.000	ENVOL	0.011	C18
2DO (N+3.78)	B354	V20X60	214.418	0.000	ENVOL	0.013	C18
2DO (N+3.78)	B357	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B357	V60X60	46.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B357	V60X60	92.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B357	V60X60	138.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B357	V60X60	184.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B357	V60X60	230.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	46.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	92.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	138.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	184.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B358	V60X60	230.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	0.000	0.014	C2	0.009	ENVOL
2DO (N+3.78)	B402	V30X60	8.042	0.014	C2	0.009	ENVOL
2DO (N+3.78)	B402	V30X60	8.042	0.014	ENVOL	0.008	ENVOL
2DO (N+3.78)	B402	V30X60	55.689	0.014	ENVOL	0.002	ENVOL
2DO (N+3.78)	B402	V30X60	103.336	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	150.984	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	198.631	0.014	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 235 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B402	V30X60	246.278	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	293.925	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	341.572	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	389.219	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	436.866	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	484.513	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	532.160	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	579.807	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B402	V30X60	627.454	0.014	ENVOL	0.006	ENVOL
2DO (N+3.78)	B402	V30X60	675.101	0.014	ENVOL	0.014	ENVOL
2DO (N+3.78)	B402	V30X60	722.748	0.014	ENVOL	0.023	ENVOL
2DO (N+3.78)	B402	V30X60	770.395	0.014	ENVOL	0.033	ENVOL
2DO (N+3.78)	B402	V30X60	818.043	0.014	ENVOL	0.044	ENVOL

2DO (N+3.78)	B403	V30X60	0.000	0.015	ENVOL	0.036	ENVOL
2DO (N+3.78)	B403	V30X60	49.905	0.015	ENVOL	0.025	ENVOL
2DO (N+3.78)	B403	V30X60	99.811	0.015	ENVOL	0.015	ENVOL
2DO (N+3.78)	B403	V30X60	149.716	0.015	ENVOL	0.006	ENVOL
2DO (N+3.78)	B403	V30X60	199.622	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	249.527	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	299.433	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	349.338	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	399.244	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	449.149	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	499.055	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	548.960	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	598.866	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	648.771	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	698.677	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	748.582	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B403	V30X60	798.488	0.015	ENVOL	0.004	ENVOL

2DO (N+3.78)	B404	V40X60	0.000	0.000	ENVOL	0.010	C18
2DO (N+3.78)	B404	V40X60	49.320	0.000	ENVOL	0.006	C18
2DO (N+3.78)	B404	V40X60	98.639	0.000	ENVOL	3.699E-04	C18
2DO (N+3.78)	B404	V40X60	147.959	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	197.279	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	246.598	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	295.918	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	345.238	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	394.557	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	443.877	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	493.197	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	542.517	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	591.836	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	641.156	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	690.476	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B404	V40X60	739.795	0.000	ENVOL	0.002	C18
2DO (N+3.78)	B404	V40X60	789.115	0.000	ENVOL	0.010	C18


2DO (N+3.78)	B405	V40X60	0.000	0.000	ENVOL	0.013	C18
2DO (N+3.78)	B405	V40X60	49.320	0.000	ENVOL	0.005	C18
2DO (N+3.78)	B405	V40X60	98.639	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	147.959	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	197.279	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	246.598	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	295.918	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	345.238	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	394.557	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	443.877	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	493.197	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	542.517	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	591.836	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	641.156	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B405	V40X60	690.476	0.000	ENVOL	0.006	C18
2DO (N+3.78)	B405	V40X60	739.795	0.000	ENVOL	0.013	C18
2DO (N+3.78)	B405	V40X60	789.115	0.000	ENVOL	0.017	C18

2DO (N+3.78)	B406	V50X60	0.000	0.000	ENVOL	0.000	ENVOL
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	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 236 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B406	V50X60	49.104	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	98.208	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	147.311	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	196.415	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	245.519	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	294.623	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	343.726	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	392.830	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	441.934	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	491.038	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	491.038	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	539.788	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	588.538	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	637.288	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B406	V50X60	686.038	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	49.104	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	98.208	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	147.311	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	196.415	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	245.519	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	294.623	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	343.726	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	392.830	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	441.934	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	491.038	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	491.038	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	539.788	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	588.538	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	637.288	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B410	V50X60	686.038	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	46.530	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	93.061	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	139.591	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	186.122	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	232.652	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	279.182	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	325.713	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	372.243	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	418.774	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	465.304	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	511.834	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	558.365	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B419	V40X60	604.895	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	0.000	0.000	ENVOL	0.015	ENVOL
2DO (N+3.78)	B420	V40X60	49.886	0.000	ENVOL	0.006	ENVOL
2DO (N+3.78)	B420	V40X60	99.771	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	149.657	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	199.543	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	249.428	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	299.314	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	349.200	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	399.085	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	448.971	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	498.857	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	548.742	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	598.628	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	648.514	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	698.399	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	748.285	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	798.171	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	848.056	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	897.942	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	947.828	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B420	V40X60	997.714	0.000	ENVOL	0.006	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 237 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B420	V40X60	1047.599	0.000	ENVOL	0.015	ENVOL
2DO (N+3.78)	B421	V40X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	46.530	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	93.061	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	139.591	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	186.122	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	232.652	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	279.182	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	325.713	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	372.243	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	418.773	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	465.304	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	511.834	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	558.365	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B421	V40X60	604.895	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B430	V60X60	0.000	0.034	ENVOL	0.302	C18
2DO (N+3.78)	B430	V60X60	49.563	0.034	ENVOL	0.299	C18
2DO (N+3.78)	B430	V60X60	99.126	0.034	ENVOL	0.295	C18
2DO (N+3.78)	B430	V60X60	148.689	0.034	ENVOL	0.291	C18
2DO (N+3.78)	B430	V60X60	198.253	0.034	ENVOL	0.288	C18
2DO (N+3.78)	B431	V60X60	0.000	0.037	ENVOL	0.287	C18
2DO (N+3.78)	B431	V60X60	49.563	0.037	ENVOL	0.291	C18
2DO (N+3.78)	B431	V60X60	99.126	0.037	ENVOL	0.295	C18
2DO (N+3.78)	B431	V60X60	148.689	0.037	ENVOL	0.298	C18
2DO (N+3.78)	B431	V60X60	198.252	0.037	ENVOL	0.302	C18
2DO (N+3.78)	B434	V40X60	0.000	0.025	ENVOL	0.010	ENVOL
2DO (N+3.78)	B434	V40X60	38.769	0.025	ENVOL	0.008	ENVOL
2DO (N+3.78)	B434	V40X60	77.537	0.025	ENVOL	0.006	C18
2DO (N+3.78)	B434	V40X60	116.306	0.025	ENVOL	0.008	ENVOL
2DO (N+3.78)	B436	V40X60	0.000	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B436	V40X60	38.424	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B436	V40X60	76.847	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B436	V40X60	115.271	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B436	V40X60	153.694	0.014	ENVOL	0.000	ENVOL
2DO (N+3.78)	B437	V40X60	0.000	0.000	ENVOL	0.123	C18
2DO (N+3.78)	B437	V40X60	46.160	0.000	ENVOL	0.110	C18
2DO (N+3.78)	B437	V40X60	92.319	0.000	ENVOL	0.098	C18
2DO (N+3.78)	B437	V40X60	138.479	0.000	ENVOL	0.086	C18
2DO (N+3.78)	B437	V40X60	184.639	0.000	ENVOL	0.086	C18
2DO (N+3.78)	B437	V40X60	230.798	0.000	ENVOL	0.098	C18
2DO (N+3.78)	B437	V40X60	276.958	0.000	ENVOL	0.111	C18
2DO (N+3.78)	B437	V40X60	323.117	0.000	ENVOL	0.123	C18
2DO (N+3.78)	B437	V40X60	369.277	0.000	ENVOL	0.135	C18
2DO (N+3.78)	B437	V40X60	415.437	0.000	ENVOL	0.142	C18
2DO (N+3.78)	B440	V40X60	0.000	0.000	ENVOL	0.145	ENVOL
2DO (N+3.78)	B440	V40X60	48.658	0.000	ENVOL	0.128	ENVOL
2DO (N+3.78)	B440	V40X60	97.315	0.000	ENVOL	0.109	ENVOL
2DO (N+3.78)	B440	V40X60	145.973	0.000	ENVOL	0.093	C18
2DO (N+3.78)	B440	V40X60	194.631	0.000	ENVOL	0.080	C18
2DO (N+3.78)	B440	V40X60	243.288	0.000	ENVOL	0.067	C18
2DO (N+3.78)	B440	V40X60	291.946	0.000	ENVOL	0.055	C18
2DO (N+3.78)	B440	V40X60	340.604	0.000	ENVOL	0.042	C18
2DO (N+3.78)	B440	V40X60	389.261	0.000	ENVOL	0.029	C18
2DO (N+3.78)	B440	V40X60	437.919	0.000	ENVOL	0.016	C18
2DO (N+3.78)	B440	V40X60	486.577	0.000	ENVOL	0.003	C18
2DO (N+3.78)	B440	V40X60	535.234	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	583.892	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B440	V40X60	632.550	0.000	ENVOL	0.003	C18
2DO (N+3.78)	B440	V40X60	681.207	0.000	ENVOL	0.016	C18
2DO (N+3.78)	B440	V40X60	729.865	0.000	ENVOL	0.029	C18
2DO (N+3.78)	B440	V40X60	778.523	0.000	ENVOL	0.042	C18
2DO (N+3.78)	B440	V40X60	827.180	0.000	ENVOL	0.055	C18



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 238 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B440	V40X60	875.838	0.000	ENVOL	0.068	C18
2DO (N+3.78)	B440	V40X60	924.496	0.000	ENVOL	0.081	C18
2DO (N+3.78)	B440	V40X60	973.153	0.000	ENVOL	0.094	C18
2DO (N+3.78)	B440	V40X60	1021.811	0.000	ENVOL	0.109	ENVOL
2DO (N+3.78)	B440	V40X60	1070.469	0.000	ENVOL	0.129	ENVOL
2DO (N+3.78)	B440	V40X60	1119.126	0.000	ENVOL	0.146	ENVOL
2DO (N+3.78)	B443	V40X60	0.000	0.000	ENVOL	0.134	C18
2DO (N+3.78)	B443	V40X60	46.160	0.000	ENVOL	0.126	C18
2DO (N+3.78)	B443	V40X60	92.319	0.000	ENVOL	0.114	C18
2DO (N+3.78)	B443	V40X60	138.479	0.000	ENVOL	0.102	C18
2DO (N+3.78)	B443	V40X60	184.639	0.000	ENVOL	0.090	C18
2DO (N+3.78)	B443	V40X60	230.798	0.000	ENVOL	0.077	C18
2DO (N+3.78)	B443	V40X60	276.958	0.000	ENVOL	0.088	C18
2DO (N+3.78)	B443	V40X60	323.118	0.000	ENVOL	0.100	C18
2DO (N+3.78)	B443	V40X60	369.277	0.000	ENVOL	0.112	C18
2DO (N+3.78)	B443	V40X60	415.437	0.000	ENVOL	0.125	C18
2DO (N+3.78)	B444	V40X60	0.000	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B444	V40X60	38.424	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B444	V40X60	76.848	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B444	V40X60	115.271	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B444	V40X60	153.695	0.015	ENVOL	0.000	ENVOL
2DO (N+3.78)	B446	V40X60	0.000	0.024	ENVOL	0.008	ENVOL
2DO (N+3.78)	B446	V40X60	38.768	0.024	ENVOL	0.006	C18
2DO (N+3.78)	B446	V40X60	77.537	0.024	ENVOL	0.008	ENVOL
2DO (N+3.78)	B446	V40X60	116.305	0.024	ENVOL	0.010	ENVOL
2DO (N+3.78)	B449	V60X60	0.000	0.057	ENVOL	0.019	ENVOL
2DO (N+3.78)	B449	V60X60	38.827	0.057	ENVOL	0.016	C18
2DO (N+3.78)	B449	V60X60	77.654	0.057	ENVOL	0.013	C18
2DO (N+3.78)	B449	V60X60	116.481	0.057	ENVOL	0.014	ENVOL
2DO (N+3.78)	B449	V60X60	155.308	0.057	ENVOL	0.017	ENVOL
2DO (N+3.78)	B450	V60X60	0.000	0.060	ENVOL	0.017	ENVOL
2DO (N+3.78)	B450	V60X60	38.827	0.060	ENVOL	0.013	ENVOL
2DO (N+3.78)	B450	V60X60	77.654	0.060	ENVOL	0.011	C18
2DO (N+3.78)	B450	V60X60	116.481	0.060	ENVOL	0.015	ENVOL
2DO (N+3.78)	B450	V60X60	155.308	0.060	ENVOL	0.018	ENVOL
2DO (N+3.78)	B452	V30X60	0.000	0.000	ENVOL	0.041	C18
2DO (N+3.78)	B452	V30X60	46.875	0.000	ENVOL	0.028	C18
2DO (N+3.78)	B452	V30X60	93.750	0.000	ENVOL	0.015	C18
2DO (N+3.78)	B452	V30X60	140.625	0.000	ENVOL	0.002	C18
2DO (N+3.78)	B452	V30X60	187.500	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B452	V30X60	234.375	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B452	V30X60	281.250	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B452	V30X60	328.125	0.000	ENVOL	0.008	C18
2DO (N+3.78)	B452	V30X60	375.000	0.000	ENVOL	0.021	C18
2DO (N+3.78)	B454	V30X60	0.000	0.000	ENVOL	0.081	ENVOL
2DO (N+3.78)	B454	V30X60	46.875	0.000	ENVOL	0.074	ENVOL
2DO (N+3.78)	B454	V30X60	93.750	0.000	ENVOL	0.066	ENVOL
2DO (N+3.78)	B454	V30X60	140.625	0.000	ENVOL	0.058	ENVOL
2DO (N+3.78)	B454	V30X60	187.500	0.000	ENVOL	0.051	ENVOL
2DO (N+3.78)	B454	V30X60	234.375	0.000	ENVOL	0.043	ENVOL
2DO (N+3.78)	B454	V30X60	281.250	0.000	ENVOL	0.048	ENVOL
2DO (N+3.78)	B454	V30X60	328.125	0.000	ENVOL	0.056	ENVOL
2DO (N+3.78)	B454	V30X60	375.000	0.000	ENVOL	0.063	ENVOL
2DO (N+3.78)	B457	V30X60	0.000	0.000	ENVOL	0.078	ENVOL
2DO (N+3.78)	B457	V30X60	46.875	0.000	ENVOL	0.070	ENVOL
2DO (N+3.78)	B457	V30X60	93.750	0.000	ENVOL	0.063	ENVOL
2DO (N+3.78)	B457	V30X60	140.625	0.000	ENVOL	0.055	ENVOL
2DO (N+3.78)	B457	V30X60	187.500	0.000	ENVOL	0.047	ENVOL
2DO (N+3.78)	B457	V30X60	234.375	0.000	ENVOL	0.041	ENVOL
2DO (N+3.78)	B457	V30X60	281.250	0.000	ENVOL	0.049	ENVOL
2DO (N+3.78)	B457	V30X60	328.125	0.000	ENVOL	0.056	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 239 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B457	V30X60	375.000	0.000	ENVOL	0.064	ENVOL
2DO (N+3.78)	B458	V30X60	0.000	0.012	ENVOL	0.105	C18
2DO (N+3.78)	B458	V30X60	46.875	0.012	ENVOL	0.093	C18
2DO (N+3.78)	B458	V30X60	93.750	0.012	ENVOL	0.080	C18
2DO (N+3.78)	B458	V30X60	140.625	0.012	ENVOL	0.067	C18
2DO (N+3.78)	B458	V30X60	187.500	0.012	ENVOL	0.055	ENVOL
2DO (N+3.78)	B458	V30X60	234.375	0.012	ENVOL	0.067	C18
2DO (N+3.78)	B458	V30X60	281.250	0.012	ENVOL	0.079	C18
2DO (N+3.78)	B458	V30X60	328.125	0.012	ENVOL	0.092	C18
2DO (N+3.78)	B458	V30X60	375.000	0.012	ENVOL	0.105	C18
2DO (N+3.78)	B459	V60X60	0.000	0.051	ENVOL	0.022	ENVOL
2DO (N+3.78)	B459	V60X60	40.000	0.051	ENVOL	0.019	C18
2DO (N+3.78)	B459	V60X60	80.000	0.051	ENVOL	0.022	ENVOL
2DO (N+3.78)	B460	V60X60	0.000	0.053	ENVOL	0.019	ENVOL
2DO (N+3.78)	B460	V60X60	25.581	0.053	ENVOL	0.017	ENVOL
2DO (N+3.78)	B460	V60X60	51.161	0.053	ENVOL	0.019	ENVOL
2DO (N+3.78)	B460	V60X60	51.161	0.053	ENVOL	0.018	ENVOL
2DO (N+3.78)	B460	V60X60	80.000	0.053	ENVOL	0.018	ENVOL
2DO (N+3.78)	B469	V60X60	0.000	0.047	ENVOL	0.147	C18
2DO (N+3.78)	B469	V60X60	39.375	0.047	ENVOL	0.150	C18
2DO (N+3.78)	B469	V60X60	78.750	0.047	ENVOL	0.152	C18
2DO (N+3.78)	B469	V60X60	118.125	0.047	ENVOL	0.154	C18
2DO (N+3.78)	B469	V60X60	118.125	0.047	ENVOL	0.180	C18
2DO (N+3.78)	B469	V60X60	165.000	0.047	ENVOL	0.183	C18
2DO (N+3.78)	B470	V60X60	0.000	0.031	ENVOL	0.012	ENVOL
2DO (N+3.78)	B470	V60X60	37.500	0.031	ENVOL	0.011	C18
2DO (N+3.78)	B470	V60X60	75.000	0.031	ENVOL	0.014	ENVOL
2DO (N+3.78)	B471	V60X100	0.000	0.000	ENVOL	0.028	ENVOL
2DO (N+3.78)	B471	V60X100	38.690	0.000	ENVOL	0.028	C18
2DO (N+3.78)	B471	V60X100	77.381	0.000	ENVOL	0.031	C18
2DO (N+3.78)	B471	V60X100	116.071	0.000	ENVOL	0.034	ENVOL
2DO (N+3.78)	B471	V60X100	116.071	0.000	ENVOL	0.028	ENVOL
2DO (N+3.78)	B471	V60X100	155.536	0.000	ENVOL	0.028	C18
2DO (N+3.78)	B471	V60X100	195.000	0.000	ENVOL	0.031	ENVOL
2DO (N+3.78)	B472	V60X100	0.000	0.096	ENVOL	0.156	ENVOL
2DO (N+3.78)	B472	V60X100	49.523	0.096	ENVOL	0.148	ENVOL
2DO (N+3.78)	B472	V60X100	99.046	0.096	ENVOL	0.139	ENVOL
2DO (N+3.78)	B472	V60X100	148.568	0.096	ENVOL	0.130	ENVOL
2DO (N+3.78)	B472	V60X100	198.091	0.096	ENVOL	0.121	ENVOL
2DO (N+3.78)	B472	V60X100	247.614	0.096	ENVOL	0.112	C14
2DO (N+3.78)	B472	V60X100	297.137	0.096	ENVOL	0.105	ENVOL
2DO (N+3.78)	B472	V60X100	346.659	0.096	ENVOL	0.114	ENVOL
2DO (N+3.78)	B475	V60X100	0.000	0.016	ENVOL	0.025	ENVOL
2DO (N+3.78)	B475	V60X100	48.334	0.016	ENVOL	0.017	ENVOL
2DO (N+3.78)	B475	V60X100	96.668	0.016	ENVOL	0.005	ENVOL
2DO (N+3.78)	B475	V60X100	145.002	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	193.336	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	241.670	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	290.003	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	338.337	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	386.671	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	435.005	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	483.339	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	531.673	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	580.007	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	628.341	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	676.675	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	725.009	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	773.343	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	821.676	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	870.010	0.016	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 240 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B475	V60X100	918.344	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	966.678	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	1015.012	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	1063.346	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	1111.680	0.016	ENVOL	0.000	ENVOL
2DO (N+3.78)	B475	V60X100	1160.014	0.016	ENVOL	0.007	ENVOL
2DO (N+3.78)	B475	V60X100	1208.348	0.016	ENVOL	0.018	ENVOL
2DO (N+3.78)	B475	V60X100	1256.682	0.016	ENVOL	0.026	ENVOL
2DO (N+3.78)	B477	V60X100	0.000	0.090	C14	0.109	ENVOL
2DO (N+3.78)	B477	V60X100	40.332	0.090	C14	0.102	C14
2DO (N+3.78)	B477	V60X100	80.664	0.090	C14	0.100	ENVOL
2DO (N+3.78)	B477	V60X100	120.995	0.090	C14	0.107	ENVOL
2DO (N+3.78)	B477	V60X100	161.327	0.090	C14	0.114	ENVOL
2DO (N+3.78)	B477	V60X100	201.659	0.090	C14	0.122	C14
2DO (N+3.78)	B477	V60X100	201.659	0.090	ENVOL	0.143	ENVOL
2DO (N+3.78)	B477	V60X100	249.992	0.090	ENVOL	0.151	ENVOL
2DO (N+3.78)	B477	V60X100	298.326	0.090	ENVOL	0.160	ENVOL
2DO (N+3.78)	B477	V60X100	346.659	0.090	ENVOL	0.169	ENVOL
2DO (N+3.78)	B478	V60X100	0.000	0.000	ENVOL	0.035	ENVOL
2DO (N+3.78)	B478	V60X100	48.750	0.000	ENVOL	0.031	ENVOL
2DO (N+3.78)	B478	V60X100	97.500	0.000	ENVOL	0.028	C18
2DO (N+3.78)	B478	V60X100	146.250	0.000	ENVOL	0.030	ENVOL
2DO (N+3.78)	B478	V60X100	195.000	0.000	ENVOL	0.033	ENVOL
2DO (N+3.78)	B479	V60X60	0.000	0.047	ENVOL	0.043	ENVOL
2DO (N+3.78)	B479	V60X60	25.000	0.047	ENVOL	0.044	ENVOL
2DO (N+3.78)	B485	V60X60	0.000	0.000	ENVOL	0.116	C18
2DO (N+3.78)	B485	V60X60	44.684	0.000	ENVOL	0.119	C18
2DO (N+3.78)	B485	V60X60	89.369	0.000	ENVOL	0.122	C18
2DO (N+3.78)	B485	V60X60	134.053	0.000	ENVOL	0.125	C18
2DO (N+3.78)	B486	V60X60	0.000	0.000	ENVOL	0.125	C18
2DO (N+3.78)	B486	V60X60	44.684	0.000	ENVOL	0.122	C18
2DO (N+3.78)	B486	V60X60	89.369	0.000	ENVOL	0.119	C18
2DO (N+3.78)	B486	V60X60	134.053	0.000	ENVOL	0.116	C18
2DO (N+3.78)	B489	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	48.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	96.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	144.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	192.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B489	V20X60	240.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	0.000	0.000	ENVOL	0.019	C18
2DO (N+3.78)	B498	V60X60	49.811	0.000	ENVOL	0.014	C18
2DO (N+3.78)	B498	V60X60	99.622	0.000	ENVOL	0.008	C18
2DO (N+3.78)	B498	V60X60	149.433	0.000	ENVOL	0.002	C18
2DO (N+3.78)	B498	V60X60	199.244	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	249.055	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	298.867	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	348.678	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	398.489	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	448.300	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	498.111	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	547.922	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	597.733	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	647.544	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	697.355	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	747.166	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	796.977	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	846.789	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	896.600	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	946.411	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	996.222	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1046.033	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1095.844	0.000	ENVOL	0.000	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 241 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B498	V60X60	1145.655	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1195.466	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1245.277	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1295.088	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1344.899	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B498	V60X60	1394.711	0.000	ENVOL	0.002	C18
2DO (N+3.78)	B498	V60X60	1444.522	0.000	ENVOL	0.008	C18
2DO (N+3.78)	B498	V60X60	1494.333	0.000	ENVOL	0.014	C18
2DO (N+3.78)	B500	V40X60	0.000	0.000	ENVOL	0.056	ENVOL
2DO (N+3.78)	B500	V40X60	48.000	0.000	ENVOL	0.044	ENVOL
2DO (N+3.78)	B500	V40X60	96.000	0.000	ENVOL	0.033	C18
2DO (N+3.78)	B500	V40X60	144.000	0.000	ENVOL	0.025	C18
2DO (N+3.78)	B500	V40X60	192.000	0.000	ENVOL	0.016	C18
2DO (N+3.78)	B500	V40X60	240.000	0.000	ENVOL	0.008	C18
2DO (N+3.78)	B500	V40X60	288.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	336.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	384.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	432.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	480.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	528.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	576.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	624.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	672.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	720.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B500	V40X60	768.000	0.000	ENVOL	0.007	C18
2DO (N+3.78)	B500	V40X60	816.000	0.000	ENVOL	0.016	C18
2DO (N+3.78)	B500	V40X60	864.000	0.000	ENVOL	0.024	C18
2DO (N+3.78)	B500	V40X60	912.000	0.000	ENVOL	0.032	C18
2DO (N+3.78)	B500	V40X60	960.000	0.000	ENVOL	0.043	ENVOL
2DO (N+3.78)	B500	V40X60	1008.000	0.000	ENVOL	0.055	ENVOL
2DO (N+3.78)	B503	V50X60	0.000	0.000	ENVOL	0.072	ENVOL
2DO (N+3.78)	B503	V50X60	48.235	0.000	ENVOL	0.056	ENVOL
2DO (N+3.78)	B503	V50X60	96.471	0.000	ENVOL	0.043	C18
2DO (N+3.78)	B503	V50X60	144.706	0.000	ENVOL	0.032	C18
2DO (N+3.78)	B503	V50X60	192.941	0.000	ENVOL	0.022	C18
2DO (N+3.78)	B503	V50X60	241.176	0.000	ENVOL	0.011	C18
2DO (N+3.78)	B503	V50X60	289.412	0.000	ENVOL	3.681E-05	C18
2DO (N+3.78)	B503	V50X60	337.647	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	385.882	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	434.118	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	482.353	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	530.588	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	578.824	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	627.059	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	675.294	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B503	V50X60	723.529	0.000	ENVOL	0.002	C18
2DO (N+3.78)	B503	V50X60	771.765	0.000	ENVOL	0.012	C18
2DO (N+3.78)	B503	V50X60	820.000	0.000	ENVOL	0.023	C18
2DO (N+3.78)	B503	V50X60	820.000	0.000	ENVOL	0.026	C18
2DO (N+3.78)	B503	V50X60	867.000	0.000	ENVOL	0.036	C18
2DO (N+3.78)	B503	V50X60	914.000	0.000	ENVOL	0.046	C18
2DO (N+3.78)	B503	V50X60	961.000	0.000	ENVOL	0.061	ENVOL
2DO (N+3.78)	B503	V50X60	1008.000	0.000	ENVOL	0.076	ENVOL
2DO (N+3.78)	B504	V30X60	0.000	0.000	ENVOL	0.085	ENVOL
2DO (N+3.78)	B504	V30X60	47.000	0.000	ENVOL	0.073	ENVOL
2DO (N+3.78)	B504	V30X60	94.000	0.000	ENVOL	0.060	C18
2DO (N+3.78)	B504	V30X60	141.000	0.000	ENVOL	0.051	C18
2DO (N+3.78)	B504	V30X60	188.000	0.000	ENVOL	0.042	C18
2DO (N+3.78)	B504	V30X60	188.000	0.000	ENVOL	0.039	C18
2DO (N+3.78)	B504	V30X60	236.235	0.000	ENVOL	0.030	C18
2DO (N+3.78)	B504	V30X60	284.470	0.000	ENVOL	0.020	C18
2DO (N+3.78)	B504	V30X60	332.706	0.000	ENVOL	0.011	C18
2DO (N+3.78)	B504	V30X60	380.941	0.000	ENVOL	0.002	C18
2DO (N+3.78)	B504	V30X60	429.176	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	477.412	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	525.647	0.000	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 242 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B504	V30X60	573.882	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	622.117	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B504	V30X60	670.353	0.000	ENVOL	0.008	C18
2DO (N+3.78)	B504	V30X60	718.588	0.000	ENVOL	0.018	C18
2DO (N+3.78)	B504	V30X60	766.823	0.000	ENVOL	0.027	C18
2DO (N+3.78)	B504	V30X60	815.059	0.000	ENVOL	0.036	C18
2DO (N+3.78)	B504	V30X60	863.294	0.000	ENVOL	0.046	C18
2DO (N+3.78)	B504	V30X60	911.529	0.000	ENVOL	0.055	C18
2DO (N+3.78)	B504	V30X60	959.765	0.000	ENVOL	0.066	ENVOL
2DO (N+3.78)	B504	V30X60	1008.000	0.000	ENVOL	0.079	ENVOL
2DO (N+3.78)	B510	V60X60	50.000	0.000	ENVOL	0.182	C18
2DO (N+3.78)	B510	V60X60	100.000	0.000	ENVOL	0.178	C18
2DO (N+3.78)	B512	V60X60	50.000	0.000	ENVOL	4.094E-04	C18
2DO (N+3.78)	B512	V60X60	98.750	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	147.500	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	196.250	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	245.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	293.750	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	342.500	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	391.250	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	440.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	488.750	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	537.500	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	586.250	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	635.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	683.750	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	732.500	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	781.250	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	830.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B512	V60X60	830.000	0.000	ENVOL	0.018	C18
2DO (N+3.78)	B512	V60X60	878.333	0.000	ENVOL	0.021	C18
2DO (N+3.78)	B512	V60X60	926.667	0.000	ENVOL	0.024	C18
2DO (N+3.78)	B512	V60X60	975.000	0.000	ENVOL	0.027	C18
2DO (N+3.78)	B514	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B514	V60X60	48.750	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B514	V60X60	97.500	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B514	V60X60	146.250	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B514	V60X60	195.000	0.000	ENVOL	0.000	ENVOL
2DO (N+3.78)	B516	V60X60	0.000	0.000	ENVOL	0.199	C18
2DO (N+3.78)	B516	V60X60	27.500	0.000	ENVOL	0.201	C18
2DO (N+3.78)	B516	V60X60	55.000	0.000	ENVOL	0.202	C18
2DO (N+3.78)	B518	V40X60	0.000	0.014	ENVOL	0.098	C18
2DO (N+3.78)	B518	V40X60	50.000	0.014	ENVOL	0.089	C18
2DO (N+3.78)	B518	V40X60	100.000	0.014	ENVOL	0.080	C18
2DO (N+3.78)	B518	V40X60	150.000	0.014	ENVOL	0.072	C18
2DO (N+3.78)	B518	V40X60	200.000	0.014	ENVOL	0.063	C18
2DO (N+3.78)	B519	V50X60	0.000	0.000	ENVOL	0.097	C18
2DO (N+3.78)	B519	V50X60	50.000	0.000	ENVOL	0.086	C18
2DO (N+3.78)	B519	V50X60	100.000	0.000	ENVOL	0.075	C18
2DO (N+3.78)	B519	V50X60	150.000	0.000	ENVOL	0.063	C18
2DO (N+3.78)	B519	V50X60	200.000	0.000	ENVOL	0.054	ENVOL
2DO (N+3.78)	B522	V20X60	0.000	0.000	ENVOL	0.021	C18
2DO (N+3.78)	B522	V20X60	48.333	0.000	ENVOL	0.022	C18
2DO (N+3.78)	B522	V20X60	96.667	0.000	ENVOL	0.023	C18
2DO (N+3.78)	B522	V20X60	145.000	0.000	ENVOL	0.024	C18
2DO (N+3.78)	B523	V20X60	0.000	0.000	ENVOL	0.012	C18
2DO (N+3.78)	B523	V20X60	48.750	0.000	ENVOL	0.013	C18
2DO (N+3.78)	B523	V20X60	97.500	0.000	ENVOL	0.014	ENVOL
2DO (N+3.78)	B523	V20X60	146.250	0.000	ENVOL	0.015	ENVOL
2DO (N+3.78)	B523	V20X60	195.000	0.000	ENVOL	0.017	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 243 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B524	V20X60	0.000	0.000	ENVOL	0.021	C18
2DO (N+3.78)	B524	V20X60	48.000	0.000	ENVOL	0.022	C18
2DO (N+3.78)	B524	V20X60	96.000	0.000	ENVOL	0.023	C18
2DO (N+3.78)	B524	V20X60	144.000	0.000	ENVOL	0.024	C18
2DO (N+3.78)	B524	V20X60	192.000	0.000	ENVOL	0.025	C18
2DO (N+3.78)	B524	V20X60	240.000	0.000	ENVOL	0.026	C18
2DO (N+3.78)	B630	V30X60	0.000	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	46.667	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	93.333	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	140.000	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	186.667	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	233.333	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	280.000	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	280.000	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	323.333	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	366.667	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	410.000	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	453.333	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	496.667	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B630	V30X60	540.000	0.018	ENVOL	0.000	ENVOL
2DO (N+3.78)	B631	V30X60	0.000	0.020	ENVOL	0.000	ENVOL
2DO (N+3.78)	B631	V30X60	44.000	0.020	ENVOL	0.000	ENVOL
2DO (N+3.78)	B631	V30X60	88.000	0.020	ENVOL	0.000	ENVOL
2DO (N+3.78)	B631	V30X60	132.000	0.020	ENVOL	0.000	ENVOL
2DO (N+3.78)	B631	V30X60	176.000	0.020	ENVOL	0.000	ENVOL
2DO (N+3.78)	B631	V30X60	220.000	0.020	ENVOL	0.000	ENVOL
1ER (N+0.36)	B1	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B1	V60X60	45.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B1	V60X60	90.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B1	V60X60	135.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B1	V60X60	180.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B2	V60X60	0.000	0.000	ENVOL	0.145	ENVOL
1ER (N+0.36)	B2	V60X60	47.143	0.000	ENVOL	0.137	ENVOL
1ER (N+0.36)	B2	V60X60	94.286	0.000	ENVOL	0.130	ENVOL
1ER (N+0.36)	B2	V60X60	141.429	0.000	ENVOL	0.123	ENVOL
1ER (N+0.36)	B2	V60X60	188.571	0.000	ENVOL	0.117	C18
1ER (N+0.36)	B2	V60X60	235.714	0.000	ENVOL	0.121	ENVOL
1ER (N+0.36)	B2	V60X60	282.857	0.000	ENVOL	0.129	ENVOL
1ER (N+0.36)	B2	V60X60	330.000	0.000	ENVOL	0.136	ENVOL
1ER (N+0.36)	B3	V60X60	30.000	0.000	ENVOL	0.078	C18
1ER (N+0.36)	B3	V60X60	77.500	0.000	ENVOL	0.072	C18
1ER (N+0.36)	B3	V60X60	125.000	0.000	ENVOL	0.066	C18
1ER (N+0.36)	B3	V60X60	172.500	0.000	ENVOL	0.059	C18
1ER (N+0.36)	B3	V60X60	220.000	0.000	ENVOL	0.053	C18
1ER (N+0.36)	B3	V60X60	267.500	0.000	ENVOL	0.047	C18
1ER (N+0.36)	B3	V60X60	315.000	0.000	ENVOL	0.043	C18
1ER (N+0.36)	B3	V60X60	362.500	0.000	ENVOL	0.050	C18
1ER (N+0.36)	B3	V60X60	410.000	0.000	ENVOL	0.056	C18
1ER (N+0.36)	B3	V60X60	457.500	0.000	ENVOL	0.062	C18
1ER (N+0.36)	B3	V60X60	505.000	0.000	ENVOL	0.068	C18
1ER (N+0.36)	B3	V60X60	552.500	0.000	ENVOL	0.074	C18
1ER (N+0.36)	B3	V60X60	600.000	0.000	ENVOL	0.080	C18
1ER (N+0.36)	B4	V60X60	30.000	0.000	ENVOL	0.079	C18
1ER (N+0.36)	B4	V60X60	77.500	0.000	ENVOL	0.073	C18
1ER (N+0.36)	B4	V60X60	125.000	0.000	ENVOL	0.067	C18
1ER (N+0.36)	B4	V60X60	172.500	0.000	ENVOL	0.060	C18
1ER (N+0.36)	B4	V60X60	220.000	0.000	ENVOL	0.054	C18
1ER (N+0.36)	B4	V60X60	267.500	0.000	ENVOL	0.048	C18
1ER (N+0.36)	B4	V60X60	315.000	0.000	ENVOL	0.042	C18
1ER (N+0.36)	B4	V60X60	362.500	0.000	ENVOL	0.048	C18
1ER (N+0.36)	B4	V60X60	410.000	0.000	ENVOL	0.054	C18
1ER (N+0.36)	B4	V60X60	457.500	0.000	ENVOL	0.060	C18
1ER (N+0.36)	B4	V60X60	505.000	0.000	ENVOL	0.066	C18




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 244 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B4	V60X60	552.500	0.000	ENVOL	0.072	C18
1ER (N+0.36)	B4	V60X60	600.000	0.000	ENVOL	0.079	C18
1ER (N+0.36)	B5	V60X60	30.000	0.000	ENVOL	0.151	C18
1ER (N+0.36)	B5	V60X60	78.000	0.000	ENVOL	0.139	C18
1ER (N+0.36)	B5	V60X60	126.000	0.000	ENVOL	0.126	ENVOL
1ER (N+0.36)	B5	V60X60	174.000	0.000	ENVOL	0.115	ENVOL
1ER (N+0.36)	B5	V60X60	222.000	0.000	ENVOL	0.126	C18
1ER (N+0.36)	B5	V60X60	270.000	0.000	ENVOL	0.138	C18
1ER (N+0.36)	B5	V60X60	270.000	0.000	ENVOL	0.160	C18
1ER (N+0.36)	B5	V60X60	315.000	0.000	ENVOL	0.166	C18
1ER (N+0.36)	B5	V60X60	360.000	0.000	ENVOL	0.172	C18
1ER (N+0.36)	B6	V60X60	0.000	0.000	ENVOL	0.005	ENVOL
1ER (N+0.36)	B6	V60X60	45.000	0.000	ENVOL	0.002	ENVOL
1ER (N+0.36)	B6	V60X60	90.000	0.000	ENVOL	0.003	ENVOL
1ER (N+0.36)	B6	V60X60	135.000	0.000	ENVOL	5.516E-05	ENVOL
1ER (N+0.36)	B6	V60X60	180.000	0.000	ENVOL	0.003	ENVOL
1ER (N+0.36)	B7	V30X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	45.714	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	91.429	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	137.143	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	182.857	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	228.571	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	274.286	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B7	V30X60	320.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	30.000	0.000	ENVOL	0.024	C18
1ER (N+0.36)	B13	V60X60	77.273	0.000	ENVOL	0.007	C18
1ER (N+0.36)	B13	V60X60	124.545	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	171.818	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	219.091	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	266.364	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	313.636	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	360.909	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	408.182	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B13	V60X60	455.455	0.000	ENVOL	0.005	C18
1ER (N+0.36)	B13	V60X60	502.727	0.000	ENVOL	0.022	C18
1ER (N+0.36)	B13	V60X60	550.000	0.000	ENVOL	0.038	C18
1ER (N+0.36)	B14	V50X60	30.000	0.000	ENVOL	0.016	C18
1ER (N+0.36)	B14	V50X60	75.682	0.000	ENVOL	0.004	C18
1ER (N+0.36)	B14	V50X60	121.364	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	167.045	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	212.727	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	258.409	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	304.091	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	349.773	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	395.455	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	441.136	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B14	V50X60	486.818	0.000	ENVOL	0.003	C18
1ER (N+0.36)	B14	V50X60	532.500	0.000	ENVOL	0.015	C18
1ER (N+0.36)	B17	V50X60	30.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	78.333	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	126.667	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	175.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	223.333	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	271.667	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	320.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	320.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	362.500	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	405.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	447.500	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B17	V50X60	490.000	0.000	ENVOL	0.010	C18
1ER (N+0.36)	B17	V50X60	532.500	0.000	ENVOL	0.021	C18
1ER (N+0.36)	B20	V60X60	0.000	0.000	ENVOL	0.025	C18




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 245 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B20	V60X60	45.714	0.000	ENVOL	0.014	C18
1ER (N+0.36)	B20	V60X60	91.429	0.000	ENVOL	0.004	C18
1ER (N+0.36)	B20	V60X60	137.143	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	182.857	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	228.571	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	274.286	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	320.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	320.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	370.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B20	V60X60	420.000	0.000	ENVOL	3.873E-04	C18
1ER (N+0.36)	B20	V60X60	470.000	0.000	ENVOL	0.018	C18
1ER (N+0.36)	B20	V60X60	520.000	0.000	ENVOL	0.035	C18
1ER (N+0.36)	B22	V30X60	0.000	0.000	ENVOL	0.010	ENVOL
1ER (N+0.36)	B22	V30X60	45.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	90.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	135.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	180.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	225.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	315.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	360.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	405.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	450.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	495.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B32	V50X60	30.000	0.000	ENVOL	0.078	ENVOL
1ER (N+0.36)	B32	V50X60	76.000	0.000	ENVOL	0.075	ENVOL
1ER (N+0.36)	B32	V50X60	122.000	0.000	ENVOL	0.073	ENVOL
1ER (N+0.36)	B32	V50X60	168.000	0.000	ENVOL	0.070	C18
1ER (N+0.36)	B32	V50X60	214.000	0.000	ENVOL	0.068	C18
1ER (N+0.36)	B32	V50X60	260.000	0.000	ENVOL	0.065	C18
1ER (N+0.36)	B32	V50X60	306.000	0.000	ENVOL	0.063	C18
1ER (N+0.36)	B32	V50X60	352.000	0.000	ENVOL	0.061	C18
1ER (N+0.36)	B32	V50X60	398.000	0.000	ENVOL	0.059	C18
1ER (N+0.36)	B32	V50X60	444.000	0.000	ENVOL	0.060	ENVOL
1ER (N+0.36)	B32	V50X60	490.000	0.000	ENVOL	0.063	ENVOL
1ER (N+0.36)	B35	V50X60	50.000	0.000	ENVOL	0.068	ENVOL
1ER (N+0.36)	B35	V50X60	96.000	0.000	ENVOL	0.066	ENVOL
1ER (N+0.36)	B35	V50X60	142.000	0.000	ENVOL	0.063	ENVOL
1ER (N+0.36)	B35	V50X60	188.000	0.000	ENVOL	0.060	C18
1ER (N+0.36)	B35	V50X60	234.000	0.000	ENVOL	0.060	ENVOL
1ER (N+0.36)	B35	V50X60	280.000	0.000	ENVOL	0.062	ENVOL
1ER (N+0.36)	B35	V50X60	280.000	0.000	ENVOL	0.077	C18
1ER (N+0.36)	B35	V50X60	326.000	0.000	ENVOL	0.083	C18
1ER (N+0.36)	B35	V50X60	372.000	0.000	ENVOL	0.090	C18
1ER (N+0.36)	B35	V50X60	418.000	0.000	ENVOL	0.096	C18
1ER (N+0.36)	B35	V50X60	464.000	0.000	ENVOL	0.102	C18
1ER (N+0.36)	B35	V50X60	510.000	0.000	ENVOL	0.109	C18
1ER (N+0.36)	B41	V60X60	0.000	0.000	ENVOL	0.126	C18
1ER (N+0.36)	B41	V60X60	48.000	0.000	ENVOL	0.110	C18
1ER (N+0.36)	B41	V60X60	96.000	0.000	ENVOL	0.093	C18
1ER (N+0.36)	B41	V60X60	144.000	0.000	ENVOL	0.082	C18
1ER (N+0.36)	B41	V60X60	192.000	0.000	ENVOL	0.099	C18
1ER (N+0.36)	B41	V60X60	240.000	0.000	ENVOL	0.115	C18
1ER (N+0.36)	B44	V50X60	17.500	0.000	ENVOL	0.037	C18
1ER (N+0.36)	B44	V50X60	59.583	0.000	ENVOL	0.026	C18
1ER (N+0.36)	B44	V50X60	101.667	0.000	ENVOL	0.015	C18
1ER (N+0.36)	B44	V50X60	143.750	0.000	ENVOL	0.004	C18
1ER (N+0.36)	B44	V50X60	185.833	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B44	V50X60	227.917	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B44	V50X60	270.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B49	V50X60	17.500	0.000	ENVOL	0.132	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 246 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B49	V50X60	58.000	0.000	ENVOL	0.126	ENVOL
1ER (N+0.36)	B49	V50X60	98.500	0.000	ENVOL	0.121	ENVOL
1ER (N+0.36)	B49	V50X60	139.000	0.000	ENVOL	0.115	ENVOL
1ER (N+0.36)	B49	V50X60	179.500	0.000	ENVOL	0.109	ENVOL
1ER (N+0.36)	B49	V50X60	220.000	0.000	ENVOL	0.104	ENVOL
1ER (N+0.36)	B49	V50X60	220.000	0.000	ENVOL	0.084	ENVOL
1ER (N+0.36)	B49	V50X60	270.000	0.000	ENVOL	0.073	ENVOL
1ER (N+0.36)	B53	V60X60	30.000	0.000	ENVOL	0.098	ENVOL
1ER (N+0.36)	B53	V60X60	77.500	0.000	ENVOL	0.090	ENVOL
1ER (N+0.36)	B53	V60X60	125.000	0.000	ENVOL	0.084	C18
1ER (N+0.36)	B53	V60X60	172.500	0.000	ENVOL	0.078	C18
1ER (N+0.36)	B53	V60X60	220.000	0.000	ENVOL	0.082	ENVOL
1ER (N+0.36)	B53	V60X60	220.000	0.000	ENVOL	0.113	C18
1ER (N+0.36)	B53	V60X60	270.000	0.000	ENVOL	0.130	C18
1ER (N+0.36)	B59	V15X60	0.000	0.000	ENVOL	8.595E-04	ENVOL
1ER (N+0.36)	B59	V15X60	40.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B59	V15X60	80.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B59	V15X60	120.000	0.000	ENVOL	6.887E-04	ENVOL
1ER (N+0.36)	B61	V15X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	46.667	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	93.333	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	140.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	186.667	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	233.333	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	280.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	326.667	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	373.333	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B61	V15X60	420.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	0.000	0.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	46.667	0.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	93.333	0.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	140.000	0.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	186.667	0.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	233.333	0.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	280.000	0.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	326.667	0.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	373.333	0.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B67	V20X60	420.000	0.016	ENVOL	0.000	ENVOL
1ER (N+0.36)	B70	V15X60	0.000	0.000	ENVOL	5.694E-04	ENVOL
1ER (N+0.36)	B70	V15X60	40.000	0.000	ENVOL	1.796E-04	ENVOL
1ER (N+0.36)	B70	V15X60	80.000	0.000	ENVOL	3.360E-06	ENVOL
1ER (N+0.36)	B70	V15X60	120.000	0.000	ENVOL	7.456E-04	ENVOL
1ER (N+0.36)	B274	V40X60	0.000	0.000	ENVOL	0.006	ENVOL
1ER (N+0.36)	B274	V40X60	40.000	0.000	ENVOL	0.004	ENVOL
1ER (N+0.36)	B274	V40X60	80.000	0.000	ENVOL	0.004	ENVOL
1ER (N+0.36)	B274	V40X60	120.000	0.000	ENVOL	0.006	ENVOL
1ER (N+0.36)	B276	V40X60	0.000	0.000	ENVOL	0.106	C18
1ER (N+0.36)	B276	V40X60	46.000	0.000	ENVOL	0.104	C18
1ER (N+0.36)	B276	V40X60	92.000	0.000	ENVOL	0.102	C18
1ER (N+0.36)	B276	V40X60	138.000	0.000	ENVOL	0.100	C18
1ER (N+0.36)	B276	V40X60	184.000	0.000	ENVOL	0.099	C18
1ER (N+0.36)	B276	V40X60	230.000	0.000	ENVOL	0.097	C18
1ER (N+0.36)	B286	V40X60	60.000	0.000	ENVOL	0.096	C18
1ER (N+0.36)	B286	V40X60	106.000	0.000	ENVOL	0.098	C18
1ER (N+0.36)	B286	V40X60	152.000	0.000	ENVOL	0.100	C18
1ER (N+0.36)	B286	V40X60	198.000	0.000	ENVOL	0.102	C18
1ER (N+0.36)	B286	V40X60	244.000	0.000	ENVOL	0.104	C18
1ER (N+0.36)	B286	V40X60	290.000	0.000	ENVOL	0.105	C18
1ER (N+0.36)	B288	V40X60	0.000	0.000	ENVOL	0.006	C18
1ER (N+0.36)	B288	V40X60	40.000	0.000	ENVOL	0.004	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 247 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B288	V40X60	80.000	0.000	ENVOL	0.003	C18
1ER (N+0.36)	B288	V40X60	120.000	0.000	ENVOL	0.005	C18
1ER (N+0.36)	B290	V40X60	29.802	0.016	ENVOL	0.169	C18
1ER (N+0.36)	B290	V40X60	75.183	0.016	ENVOL	0.161	C18
1ER (N+0.36)	B290	V40X60	120.564	0.016	ENVOL	0.152	C18
1ER (N+0.36)	B290	V40X60	165.944	0.016	ENVOL	0.143	C18
1ER (N+0.36)	B290	V40X60	211.325	0.016	ENVOL	0.135	ENVOL
1ER (N+0.36)	B291	V40X60	30.435	0.015	ENVOL	0.133	ENVOL
1ER (N+0.36)	B291	V40X60	75.816	0.015	ENVOL	0.140	ENVOL
1ER (N+0.36)	B291	V40X60	121.197	0.015	ENVOL	0.149	C18
1ER (N+0.36)	B291	V40X60	166.577	0.015	ENVOL	0.158	C18
1ER (N+0.36)	B291	V40X60	211.958	0.015	ENVOL	0.167	C18
1ER (N+0.36)	B296	V40X60	0.000	0.000	ENVOL	0.111	C18
1ER (N+0.36)	B296	V40X60	48.000	0.000	ENVOL	0.098	C18
1ER (N+0.36)	B296	V40X60	96.000	0.000	ENVOL	0.085	C18
1ER (N+0.36)	B296	V40X60	144.000	0.000	ENVOL	0.072	C18
1ER (N+0.36)	B296	V40X60	192.000	0.000	ENVOL	0.072	ENVOL
1ER (N+0.36)	B296	V40X60	240.000	0.000	ENVOL	0.085	C18
1ER (N+0.36)	B296	V40X60	240.000	0.000	ENVOL	0.085	C18
1ER (N+0.36)	B296	V40X60	273.753	0.000	ENVOL	0.093	C18
1ER (N+0.36)	B296	V40X60	307.507	0.000	ENVOL	0.102	C18
1ER (N+0.36)	B296	V40X60	341.260	0.000	ENVOL	0.110	C18
1ER (N+0.36)	B297	V40X60	0.000	0.000	ENVOL	0.121	C18
1ER (N+0.36)	B297	V40X60	48.000	0.000	ENVOL	0.108	C18
1ER (N+0.36)	B297	V40X60	96.000	0.000	ENVOL	0.095	C18
1ER (N+0.36)	B297	V40X60	144.000	0.000	ENVOL	0.082	C18
1ER (N+0.36)	B297	V40X60	192.000	0.000	ENVOL	0.077	ENVOL
1ER (N+0.36)	B297	V40X60	240.000	0.000	ENVOL	0.089	C18
1ER (N+0.36)	B297	V40X60	240.000	0.000	ENVOL	0.089	C18
1ER (N+0.36)	B297	V40X60	273.753	0.000	ENVOL	0.098	C18
1ER (N+0.36)	B297	V40X60	307.507	0.000	ENVOL	0.106	C18
1ER (N+0.36)	B297	V40X60	341.260	0.000	ENVOL	0.115	C18
1ER (N+0.36)	B306	V40X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B306	V40X60	41.727	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B306	V40X60	83.455	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B306	V40X60	125.182	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B306	V40X60	166.909	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B307	V40X60	0.000	0.000	ENVOL	0.029	ENVOL
1ER (N+0.36)	B307	V40X60	44.364	0.000	ENVOL	0.020	ENVOL
1ER (N+0.36)	B307	V40X60	88.727	0.000	ENVOL	0.020	ENVOL
1ER (N+0.36)	B307	V40X60	133.091	0.000	ENVOL	0.028	ENVOL
1ER (N+0.36)	B308	V40X60	0.000	0.000	ENVOL	0.102	C18
1ER (N+0.36)	B308	V40X60	41.057	0.000	ENVOL	0.093	C18
1ER (N+0.36)	B308	V40X60	82.114	0.000	ENVOL	0.086	C18
1ER (N+0.36)	B308	V40X60	123.171	0.000	ENVOL	0.080	C18
1ER (N+0.36)	B308	V40X60	164.227	0.000	ENVOL	0.084	ENVOL
1ER (N+0.36)	B308	V40X60	205.284	0.000	ENVOL	0.086	ENVOL
1ER (N+0.36)	B309	V40X60	0.000	0.011	ENVOL	0.086	C18
1ER (N+0.36)	B309	V40X60	41.057	0.011	ENVOL	0.083	C18
1ER (N+0.36)	B309	V40X60	82.114	0.011	ENVOL	0.083	C18
1ER (N+0.36)	B309	V40X60	123.171	0.011	ENVOL	0.089	C18
1ER (N+0.36)	B309	V40X60	164.228	0.011	ENVOL	0.096	C18
1ER (N+0.36)	B309	V40X60	205.285	0.011	ENVOL	0.105	C18
1ER (N+0.36)	B311	V40X60	0.000	0.000	ENVOL	0.029	ENVOL
1ER (N+0.36)	B311	V40X60	44.363	0.000	ENVOL	0.020	ENVOL
1ER (N+0.36)	B311	V40X60	88.727	0.000	ENVOL	0.021	ENVOL
1ER (N+0.36)	B311	V40X60	133.090	0.000	ENVOL	0.030	ENVOL
1ER (N+0.36)	B312	V40X60	0.000	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B312	V40X60	41.728	0.011	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 248 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B312	V40X60	83.455	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B312	V40X60	125.183	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B312	V40X60	166.910	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B313	V50X60	25.000	0.000	ENVOL	0.037	ENVOL
1ER (N+0.36)	B313	V50X60	73.500	0.000	ENVOL	0.035	ENVOL
1ER (N+0.36)	B313	V50X60	122.000	0.000	ENVOL	0.032	ENVOL
1ER (N+0.36)	B313	V50X60	170.500	0.000	ENVOL	0.029	ENVOL
1ER (N+0.36)	B313	V50X60	219.000	0.000	ENVOL	0.026	ENVOL
1ER (N+0.36)	B313	V50X60	267.500	0.000	ENVOL	0.023	ENVOL
1ER (N+0.36)	B313	V50X60	316.000	0.000	ENVOL	0.021	C18
1ER (N+0.36)	B313	V50X60	364.500	0.000	ENVOL	0.023	ENVOL
1ER (N+0.36)	B313	V50X60	413.000	0.000	ENVOL	0.026	ENVOL
1ER (N+0.36)	B313	V50X60	461.500	0.000	ENVOL	0.029	ENVOL
1ER (N+0.36)	B313	V50X60	510.000	0.000	ENVOL	0.032	ENVOL
1ER (N+0.36)	B313	V50X60	558.500	0.000	ENVOL	0.035	ENVOL
1ER (N+0.36)	B313	V50X60	607.000	0.000	ENVOL	0.038	ENVOL
1ER (N+0.36)	B321	V20X60	0.000	0.000	ENVOL	0.004	ENVOL
1ER (N+0.36)	B321	V20X60	46.364	0.000	ENVOL	0.003	ENVOL
1ER (N+0.36)	B321	V20X60	92.727	0.000	ENVOL	0.002	ENVOL
1ER (N+0.36)	B321	V20X60	139.091	0.000	ENVOL	9.886E-04	ENVOL
1ER (N+0.36)	B321	V20X60	185.454	0.000	ENVOL	1.689E-04	ENVOL
1ER (N+0.36)	B321	V20X60	231.818	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	278.182	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B321	V20X60	324.545	0.000	ENVOL	4.635E-04	ENVOL
1ER (N+0.36)	B321	V20X60	370.909	0.000	ENVOL	6.940E-04	ENVOL
1ER (N+0.36)	B321	V20X60	417.273	0.000	ENVOL	0.002	ENVOL
1ER (N+0.36)	B321	V20X60	463.636	0.000	ENVOL	0.003	ENVOL
1ER (N+0.36)	B321	V20X60	510.000	0.000	ENVOL	0.004	ENVOL
1ER (N+0.36)	B325	V20X60	0.000	0.000	ENVOL	0.004	C18
1ER (N+0.36)	B325	V20X60	46.364	0.000	ENVOL	0.003	ENVOL
1ER (N+0.36)	B325	V20X60	92.727	0.000	ENVOL	0.002	C18
1ER (N+0.36)	B325	V20X60	139.091	0.000	ENVOL	5.218E-04	C18
1ER (N+0.36)	B325	V20X60	185.455	0.000	ENVOL	6.357E-04	ENVOL
1ER (N+0.36)	B325	V20X60	231.818	0.000	ENVOL	0.003	ENVOL
1ER (N+0.36)	B325	V20X60	278.182	0.000	ENVOL	0.002	ENVOL
1ER (N+0.36)	B325	V20X60	324.545	0.000	ENVOL	7.707E-04	ENVOL
1ER (N+0.36)	B325	V20X60	370.909	0.000	ENVOL	3.868E-04	C18
1ER (N+0.36)	B325	V20X60	417.273	0.000	ENVOL	0.002	ENVOL
1ER (N+0.36)	B325	V20X60	463.636	0.000	ENVOL	0.003	ENVOL
1ER (N+0.36)	B325	V20X60	510.000	0.000	ENVOL	0.004	ENVOL
1ER (N+0.36)	B331	V40X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	42.884	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	85.767	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	128.651	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	171.535	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	214.418	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	214.418	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	260.682	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	306.947	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	353.211	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	353.211	0.000	ENVOL	0.021	ENVOL
1ER (N+0.36)	B331	V40X60	399.246	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	445.281	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	491.316	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	537.352	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	583.387	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	629.422	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	675.457	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	721.492	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	767.527	0.000	ENVOL	0.009	ENVOL
1ER (N+0.36)	B331	V40X60	767.527	0.014	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	807.526	0.014	ENVOL	0.000	ENVOL
1ER (N+0.36)	B331	V40X60	847.525	0.014	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	29.817	0.014	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 249 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B332	V40X60	69.816	0.014	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	109.815	0.014	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	109.815	0.000	ENVOL	0.040	ENVOL
1ER (N+0.36)	B332	V40X60	155.907	0.000	ENVOL	0.023	ENVOL
1ER (N+0.36)	B332	V40X60	202.000	0.000	ENVOL	0.006	ENVOL
1ER (N+0.36)	B332	V40X60	248.092	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	294.184	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	340.277	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	386.369	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	432.462	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	478.554	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	524.647	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	570.739	0.000	ENVOL	0.014	ENVOL
1ER (N+0.36)	B332	V40X60	616.832	0.000	ENVOL	0.038	ENVOL
1ER (N+0.36)	B332	V40X60	662.924	0.000	ENVOL	0.063	ENVOL
1ER (N+0.36)	B332	V40X60	662.924	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	687.028	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	687.028	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	734.607	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	782.185	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	829.764	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B332	V40X60	877.342	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	30.000	0.000	ENVOL	0.312	ENVOL
1ER (N+0.36)	B337	V60X60	78.733	0.000	ENVOL	0.271	ENVOL
1ER (N+0.36)	B337	V60X60	127.466	0.000	ENVOL	0.223	ENVOL
1ER (N+0.36)	B337	V60X60	176.199	0.000	ENVOL	0.173	ENVOL
1ER (N+0.36)	B337	V60X60	224.932	0.000	ENVOL	0.132	C18
1ER (N+0.36)	B337	V60X60	273.664	0.000	ENVOL	0.100	C18
1ER (N+0.36)	B337	V60X60	322.397	0.000	ENVOL	0.069	C18
1ER (N+0.36)	B337	V60X60	371.130	0.000	ENVOL	0.038	C18
1ER (N+0.36)	B337	V60X60	419.863	0.000	ENVOL	0.008	C18
1ER (N+0.36)	B337	V60X60	468.596	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B337	V60X60	517.329	0.000	ENVOL	0.003	C18
1ER (N+0.36)	B337	V60X60	566.062	0.000	ENVOL	0.031	C18
1ER (N+0.36)	B337	V60X60	614.795	0.000	ENVOL	0.060	C18
1ER (N+0.36)	B337	V60X60	663.528	0.000	ENVOL	0.087	C18
1ER (N+0.36)	B337	V60X60	712.260	0.000	ENVOL	0.114	C18
1ER (N+0.36)	B337	V60X60	760.993	0.000	ENVOL	0.141	C18
1ER (N+0.36)	B337	V60X60	809.726	0.000	ENVOL	0.175	ENVOL
1ER (N+0.36)	B337	V60X60	858.459	0.000	ENVOL	0.213	ENVOL
1ER (N+0.36)	B338	V60X60	25.000	0.000	ENVOL	0.213	ENVOL
1ER (N+0.36)	B338	V60X60	73.733	0.000	ENVOL	0.175	ENVOL
1ER (N+0.36)	B338	V60X60	122.466	0.000	ENVOL	0.141	C18
1ER (N+0.36)	B338	V60X60	171.199	0.000	ENVOL	0.114	C18
1ER (N+0.36)	B338	V60X60	219.932	0.000	ENVOL	0.087	C18
1ER (N+0.36)	B338	V60X60	268.664	0.000	ENVOL	0.060	C18
1ER (N+0.36)	B338	V60X60	317.397	0.000	ENVOL	0.031	C18
1ER (N+0.36)	B338	V60X60	366.130	0.000	ENVOL	0.003	C18
1ER (N+0.36)	B338	V60X60	414.863	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B338	V60X60	463.596	0.000	ENVOL	0.008	C18
1ER (N+0.36)	B338	V60X60	512.329	0.000	ENVOL	0.038	C18
1ER (N+0.36)	B338	V60X60	561.062	0.000	ENVOL	0.069	C18
1ER (N+0.36)	B338	V60X60	609.795	0.000	ENVOL	0.100	C18
1ER (N+0.36)	B338	V60X60	658.528	0.000	ENVOL	0.132	C18
1ER (N+0.36)	B338	V60X60	707.261	0.000	ENVOL	0.173	ENVOL
1ER (N+0.36)	B338	V60X60	755.993	0.000	ENVOL	0.223	ENVOL
1ER (N+0.36)	B338	V60X60	804.726	0.000	ENVOL	0.271	ENVOL
1ER (N+0.36)	B338	V60X60	853.459	0.000	ENVOL	0.312	ENVOL
1ER (N+0.36)	B339	V20X60	0.000	0.000	ENVOL	0.021	C18
1ER (N+0.36)	B339	V20X60	48.534	0.000	ENVOL	0.008	C18
1ER (N+0.36)	B339	V20X60	97.068	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B339	V20X60	145.602	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B339	V20X60	194.137	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B339	V20X60	242.671	0.000	ENVOL	0.008	C18
1ER (N+0.36)	B339	V20X60	291.205	0.000	ENVOL	0.020	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 250 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B340	V20X60	0.000	0.000	ENVOL	0.020	C18
1ER (N+0.36)	B340	V20X60	48.534	0.000	ENVOL	0.008	C18
1ER (N+0.36)	B340	V20X60	97.068	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B340	V20X60	145.603	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B340	V20X60	194.137	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B340	V20X60	242.671	0.000	ENVOL	0.008	C18
1ER (N+0.36)	B340	V20X60	291.205	0.000	ENVOL	0.021	C18
1ER (N+0.36)	B347	V20X60	0.000	0.000	ENVOL	0.018	ENVOL
1ER (N+0.36)	B347	V20X60	50.000	0.000	ENVOL	0.017	C18
1ER (N+0.36)	B347	V20X60	100.000	0.000	ENVOL	0.017	ENVOL
1ER (N+0.36)	B349	V20X60	0.000	0.000	ENVOL	0.021	ENVOL
1ER (N+0.36)	B349	V20X60	50.000	0.000	ENVOL	0.020	C18
1ER (N+0.36)	B349	V20X60	100.000	0.000	ENVOL	0.021	ENVOL
1ER (N+0.36)	B357	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	46.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	92.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	138.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	184.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B357	V60X60	230.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	46.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	92.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	138.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	184.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B358	V60X60	230.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B361	V30X60	0.000	0.000	ENVOL	0.029	C18
1ER (N+0.36)	B361	V30X60	48.853	0.000	ENVOL	0.025	ENVOL
1ER (N+0.36)	B361	V30X60	97.706	0.000	ENVOL	0.029	C18
1ER (N+0.36)	B361	V30X60	97.706	0.000	ENVOL	0.027	C18
1ER (N+0.36)	B361	V30X60	125.320	0.000	ENVOL	0.025	C18
1ER (N+0.36)	B361	V30X60	152.934	0.000	ENVOL	0.029	C18
1ER (N+0.36)	B362	V30X60	0.000	0.018	ENVOL	0.182	C18
1ER (N+0.36)	B362	V30X60	48.853	0.018	ENVOL	0.175	C18
1ER (N+0.36)	B362	V30X60	97.706	0.018	ENVOL	0.166	C18
1ER (N+0.36)	B362	V30X60	97.706	0.018	ENVOL	0.166	C18
1ER (N+0.36)	B362	V30X60	125.320	0.018	ENVOL	0.160	C18
1ER (N+0.36)	B362	V30X60	152.934	0.018	ENVOL	0.154	C18
1ER (N+0.36)	B388	V60X60	0.000	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	47.260	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	94.519	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	141.779	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	189.038	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	236.298	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	283.558	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	330.817	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	378.077	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	425.337	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	472.596	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	519.856	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	567.115	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	614.375	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B388	V60X60	661.635	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	30.000	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	77.260	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	124.519	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	171.779	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	219.038	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	266.298	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	313.558	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	360.817	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	408.077	0.029	ENVOL	0.000	ENVOL



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 251 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B389	V60X60	455.337	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	502.596	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	549.856	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	597.115	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	644.375	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B389	V60X60	691.635	0.029	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	30.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	79.486	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	128.972	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	178.458	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	227.944	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	277.430	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	326.916	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	376.402	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	425.888	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	475.374	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	524.860	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	574.346	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	623.832	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	673.318	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	722.804	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	772.290	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	821.776	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	871.262	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B397	V60X60	920.748	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	0.000	0.000	ENVOL	0.099	ENVOL
1ER (N+0.36)	B406	V40X60	49.003	0.000	ENVOL	0.087	C18
1ER (N+0.36)	B406	V40X60	98.005	0.000	ENVOL	0.075	C18
1ER (N+0.36)	B406	V40X60	147.008	0.000	ENVOL	0.061	C18
1ER (N+0.36)	B406	V40X60	196.011	0.000	ENVOL	0.044	C18
1ER (N+0.36)	B406	V40X60	245.014	0.000	ENVOL	0.024	C18
1ER (N+0.36)	B406	V40X60	294.016	0.000	ENVOL	0.004	C18
1ER (N+0.36)	B406	V40X60	343.019	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	392.022	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B406	V40X60	441.024	0.000	ENVOL	0.014	C18
1ER (N+0.36)	B406	V40X60	490.027	0.000	ENVOL	0.033	C18
1ER (N+0.36)	B406	V40X60	539.030	0.000	ENVOL	0.052	C18
1ER (N+0.36)	B406	V40X60	588.032	0.000	ENVOL	0.071	C18
1ER (N+0.36)	B406	V40X60	637.035	0.000	ENVOL	0.092	ENVOL
1ER (N+0.36)	B406	V40X60	686.038	0.000	ENVOL	0.120	ENVOL
1ER (N+0.36)	B410	V40X60	0.000	0.000	ENVOL	0.100	ENVOL
1ER (N+0.36)	B410	V40X60	49.003	0.000	ENVOL	0.088	C18
1ER (N+0.36)	B410	V40X60	98.005	0.000	ENVOL	0.076	C18
1ER (N+0.36)	B410	V40X60	147.008	0.000	ENVOL	0.062	C18
1ER (N+0.36)	B410	V40X60	196.011	0.000	ENVOL	0.045	C18
1ER (N+0.36)	B410	V40X60	245.014	0.000	ENVOL	0.025	C18
1ER (N+0.36)	B410	V40X60	294.016	0.000	ENVOL	0.005	C18
1ER (N+0.36)	B410	V40X60	343.019	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	392.022	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B410	V40X60	441.024	0.000	ENVOL	0.014	C18
1ER (N+0.36)	B410	V40X60	490.027	0.000	ENVOL	0.033	C18
1ER (N+0.36)	B410	V40X60	539.030	0.000	ENVOL	0.052	C18
1ER (N+0.36)	B410	V40X60	588.032	0.000	ENVOL	0.071	C18
1ER (N+0.36)	B410	V40X60	637.035	0.000	ENVOL	0.091	ENVOL
1ER (N+0.36)	B410	V40X60	686.038	0.000	ENVOL	0.119	ENVOL
1ER (N+0.36)	B411	V30X60	0.000	0.011	ENVOL	0.009	ENVOL
1ER (N+0.36)	B411	V30X60	48.524	0.011	ENVOL	3.150E-04	C18
1ER (N+0.36)	B411	V30X60	97.048	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B411	V30X60	145.572	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B411	V30X60	194.095	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B411	V30X60	242.619	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B411	V30X60	291.143	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B411	V30X60	339.667	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B411	V30X60	388.191	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B411	V30X60	436.715	0.011	ENVOL	0.000	ENVOL






Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 252 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B411	V30X60	485.239	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B411	V30X60	533.762	0.011	ENVOL	0.000	ENVOL
1ER (N+0.36)	B411	V30X60	582.286	0.011	ENVOL	0.003	C18
1ER (N+0.36)	B411	V30X60	630.810	0.011	ENVOL	0.012	ENVOL
1ER (N+0.36)	B412	V30X60	0.000	0.018	C2	0.024	C18
1ER (N+0.36)	B412	V30X60	48.524	0.018	C2	0.014	C18
1ER (N+0.36)	B412	V30X60	97.048	0.018	C2	0.004	C18
1ER (N+0.36)	B412	V30X60	145.572	0.018	C2	0.000	ENVOL
1ER (N+0.36)	B412	V30X60	194.095	0.018	C2	0.000	ENVOL
1ER (N+0.36)	B412	V30X60	242.619	0.018	C2	0.000	ENVOL
1ER (N+0.36)	B412	V30X60	291.143	0.018	C2	0.000	ENVOL
1ER (N+0.36)	B412	V30X60	339.667	0.018	C2	4.603E-04	C18
1ER (N+0.36)	B412	V30X60	388.191	0.018	C2	0.011	C18
1ER (N+0.36)	B412	V30X60	436.715	0.018	C2	0.021	C18
1ER (N+0.36)	B412	V30X60	485.239	0.018	C2	0.031	C18
1ER (N+0.36)	B412	V30X60	533.762	0.018	C2	0.041	C18
1ER (N+0.36)	B412	V30X60	582.286	0.018	C2	0.052	C18
1ER (N+0.36)	B412	V30X60	630.810	0.018	C2	0.064	ENVOL
1ER (N+0.36)	B417	V60X60	0.000	0.000	ENVOL	0.108	C18
1ER (N+0.36)	B417	V60X60	48.521	0.000	ENVOL	0.073	C18
1ER (N+0.36)	B417	V60X60	97.043	0.000	ENVOL	0.039	C18
1ER (N+0.36)	B417	V60X60	145.564	0.000	ENVOL	0.004	C18
1ER (N+0.36)	B417	V60X60	194.085	0.000	ENVOL	0.016	C18
1ER (N+0.36)	B417	V60X60	242.607	0.000	ENVOL	0.050	C18
1ER (N+0.36)	B417	V60X60	291.128	0.000	ENVOL	0.084	C18
1ER (N+0.36)	B417	V60X60	339.649	0.000	ENVOL	0.118	C18
1ER (N+0.36)	B417	V60X60	388.170	0.000	ENVOL	0.151	C18
1ER (N+0.36)	B417	V60X60	436.692	0.000	ENVOL	0.185	C18
1ER (N+0.36)	B418	V60X60	30.000	0.000	ENVOL	0.185	C18
1ER (N+0.36)	B418	V60X60	78.521	0.000	ENVOL	0.151	C18
1ER (N+0.36)	B418	V60X60	127.043	0.000	ENVOL	0.118	C18
1ER (N+0.36)	B418	V60X60	175.564	0.000	ENVOL	0.084	C18
1ER (N+0.36)	B418	V60X60	224.085	0.000	ENVOL	0.050	C18
1ER (N+0.36)	B418	V60X60	272.606	0.000	ENVOL	0.016	C18
1ER (N+0.36)	B418	V60X60	321.128	0.000	ENVOL	0.005	C18
1ER (N+0.36)	B418	V60X60	369.649	0.000	ENVOL	0.039	C18
1ER (N+0.36)	B418	V60X60	418.170	0.000	ENVOL	0.074	C18
1ER (N+0.36)	B418	V60X60	466.692	0.000	ENVOL	0.108	C18
1ER (N+0.36)	B432	V40X60	0.000	0.029	ENVOL	0.238	C18
1ER (N+0.36)	B432	V40X60	41.250	0.029	ENVOL	0.240	C18
1ER (N+0.36)	B432	V40X60	82.500	0.029	ENVOL	0.242	C18
1ER (N+0.36)	B432	V40X60	123.750	0.029	ENVOL	0.243	C18
1ER (N+0.36)	B432	V40X60	165.000	0.029	ENVOL	0.245	C18
1ER (N+0.36)	B434	V40X60	0.000	0.027	ENVOL	0.012	ENVOL
1ER (N+0.36)	B434	V40X60	38.769	0.027	ENVOL	0.010	C18
1ER (N+0.36)	B434	V40X60	77.537	0.027	ENVOL	0.008	C18
1ER (N+0.36)	B434	V40X60	116.306	0.027	ENVOL	0.007	ENVOL
1ER (N+0.36)	B436	V40X60	0.000	0.025	ENVOL	0.006	C18
1ER (N+0.36)	B436	V40X60	38.424	0.025	ENVOL	0.005	C18
1ER (N+0.36)	B436	V40X60	76.847	0.025	ENVOL	0.003	C18
1ER (N+0.36)	B436	V40X60	115.271	0.025	ENVOL	0.005	C18
1ER (N+0.36)	B436	V40X60	153.694	0.025	ENVOL	0.006	C18
1ER (N+0.36)	B437	V40X60	0.000	0.000	ENVOL	0.067	ENVOL
1ER (N+0.36)	B437	V40X60	46.160	0.000	ENVOL	0.065	ENVOL
1ER (N+0.36)	B437	V40X60	92.319	0.000	ENVOL	0.063	C18
1ER (N+0.36)	B437	V40X60	138.479	0.000	ENVOL	0.061	C18
1ER (N+0.36)	B437	V40X60	184.639	0.000	ENVOL	0.059	C18
1ER (N+0.36)	B437	V40X60	230.798	0.000	ENVOL	0.057	C18
1ER (N+0.36)	B437	V40X60	276.958	0.000	ENVOL	0.057	ENVOL
1ER (N+0.36)	B437	V40X60	323.117	0.000	ENVOL	0.059	ENVOL
1ER (N+0.36)	B437	V40X60	369.277	0.000	ENVOL	0.061	ENVOL
1ER (N+0.36)	B437	V40X60	415.437	0.000	ENVOL	0.064	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 253 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B438	V40X60	0.000	0.000	ENVOL	0.031	ENVOL
1ER (N+0.36)	B438	V40X60	48.142	0.000	ENVOL	0.029	ENVOL
1ER (N+0.36)	B438	V40X60	96.284	0.000	ENVOL	0.027	ENVOL
1ER (N+0.36)	B438	V40X60	144.426	0.000	ENVOL	0.025	ENVOL
1ER (N+0.36)	B438	V40X60	192.568	0.000	ENVOL	0.022	ENVOL
1ER (N+0.36)	B438	V40X60	240.711	0.000	ENVOL	0.022	C18
1ER (N+0.36)	B438	V40X60	288.853	0.000	ENVOL	0.024	C18
1ER (N+0.36)	B438	V40X60	336.995	0.000	ENVOL	0.026	ENVOL
1ER (N+0.36)	B438	V40X60	385.137	0.000	ENVOL	0.028	ENVOL
1ER (N+0.36)	B438	V40X60	433.279	0.000	ENVOL	0.031	ENVOL
1ER (N+0.36)	B438	V40X60	481.421	0.000	ENVOL	0.033	ENVOL
1ER (N+0.36)	B438	V40X60	529.563	0.000	ENVOL	0.035	ENVOL
1ER (N+0.36)	B441	V40X60	30.000	0.000	ENVOL	0.031	ENVOL
1ER (N+0.36)	B441	V40X60	78.142	0.000	ENVOL	0.029	ENVOL
1ER (N+0.36)	B441	V40X60	126.284	0.000	ENVOL	0.027	ENVOL
1ER (N+0.36)	B441	V40X60	174.426	0.000	ENVOL	0.025	ENVOL
1ER (N+0.36)	B441	V40X60	222.568	0.000	ENVOL	0.022	ENVOL
1ER (N+0.36)	B441	V40X60	270.710	0.000	ENVOL	0.020	C18
1ER (N+0.36)	B441	V40X60	318.853	0.000	ENVOL	0.019	ENVOL
1ER (N+0.36)	B441	V40X60	366.995	0.000	ENVOL	0.021	ENVOL
1ER (N+0.36)	B441	V40X60	415.137	0.000	ENVOL	0.023	ENVOL
1ER (N+0.36)	B441	V40X60	463.279	0.000	ENVOL	0.025	ENVOL
1ER (N+0.36)	B441	V40X60	511.421	0.000	ENVOL	0.028	ENVOL
1ER (N+0.36)	B441	V40X60	559.563	0.000	ENVOL	0.030	ENVOL
1ER (N+0.36)	B443	V40X60	0.000	0.000	ENVOL	0.061	ENVOL
1ER (N+0.36)	B443	V40X60	46.160	0.000	ENVOL	0.059	ENVOL
1ER (N+0.36)	B443	V40X60	92.319	0.000	ENVOL	0.057	C18
1ER (N+0.36)	B443	V40X60	138.479	0.000	ENVOL	0.059	C18
1ER (N+0.36)	B443	V40X60	184.639	0.000	ENVOL	0.061	C18
1ER (N+0.36)	B443	V40X60	230.798	0.000	ENVOL	0.063	C18
1ER (N+0.36)	B443	V40X60	276.958	0.000	ENVOL	0.065	C18
1ER (N+0.36)	B443	V40X60	323.118	0.000	ENVOL	0.067	ENVOL
1ER (N+0.36)	B443	V40X60	369.277	0.000	ENVOL	0.069	ENVOL
1ER (N+0.36)	B443	V40X60	415.437	0.000	ENVOL	0.071	ENVOL
1ER (N+0.36)	B444	V40X60	0.000	0.037	ENVOL	0.007	ENVOL
1ER (N+0.36)	B444	V40X60	38.424	0.037	ENVOL	0.006	ENVOL
1ER (N+0.36)	B444	V40X60	76.848	0.037	ENVOL	0.006	C18
1ER (N+0.36)	B444	V40X60	115.271	0.037	ENVOL	0.007	ENVOL
1ER (N+0.36)	B444	V40X60	153.695	0.037	ENVOL	0.009	ENVOL
1ER (N+0.36)	B446	V40X60	0.000	0.021	ENVOL	0.013	C18
1ER (N+0.36)	B446	V40X60	38.768	0.021	ENVOL	0.014	C18
1ER (N+0.36)	B446	V40X60	77.537	0.021	ENVOL	0.016	C18
1ER (N+0.36)	B446	V40X60	116.305	0.021	ENVOL	0.017	ENVOL
1ER (N+0.36)	B449	V60X60	0.000	0.015	ENVOL	0.000	ENVOL
1ER (N+0.36)	B449	V60X60	38.827	0.015	ENVOL	0.000	ENVOL
1ER (N+0.36)	B449	V60X60	77.654	0.015	ENVOL	0.000	ENVOL
1ER (N+0.36)	B449	V60X60	116.481	0.015	ENVOL	0.000	ENVOL
1ER (N+0.36)	B449	V60X60	155.308	0.015	ENVOL	0.000	ENVOL
1ER (N+0.36)	B450	V60X60	0.000	0.014	ENVOL	0.000	ENVOL
1ER (N+0.36)	B450	V60X60	38.827	0.014	ENVOL	0.000	ENVOL
1ER (N+0.36)	B450	V60X60	77.654	0.014	ENVOL	0.000	ENVOL
1ER (N+0.36)	B450	V60X60	116.481	0.014	ENVOL	0.000	ENVOL
1ER (N+0.36)	B450	V60X60	155.308	0.014	ENVOL	0.000	ENVOL
1ER (N+0.36)	B452	V30X60	0.000	0.018	ENVOL	0.006	C18
1ER (N+0.36)	B452	V30X60	46.875	0.018	ENVOL	0.000	ENVOL
1ER (N+0.36)	B452	V30X60	93.750	0.018	ENVOL	0.000	ENVOL
1ER (N+0.36)	B452	V30X60	140.625	0.018	ENVOL	0.000	ENVOL
1ER (N+0.36)	B452	V30X60	187.500	0.018	ENVOL	0.000	ENVOL
1ER (N+0.36)	B452	V30X60	234.375	0.018	ENVOL	0.000	ENVOL
1ER (N+0.36)	B452	V30X60	281.250	0.018	ENVOL	0.000	ENVOL
1ER (N+0.36)	B452	V30X60	328.125	0.018	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 254 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B452	V30X60	375.000	0.018	ENVOL	0.001	C18
1ER (N+0.36)	B453	V40X60	0.000	0.000	ENVOL	0.030	ENVOL
1ER (N+0.36)	B453	V40X60	46.290	0.000	ENVOL	0.004	ENVOL
1ER (N+0.36)	B453	V40X60	92.579	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	138.869	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	185.158	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	231.448	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	231.448	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	279.298	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B453	V40X60	327.149	0.000	ENVOL	0.003	ENVOL
1ER (N+0.36)	B453	V40X60	375.000	0.000	ENVOL	0.028	ENVOL
1ER (N+0.36)	B455	V40X60	30.000	0.000	ENVOL	0.054	ENVOL
1ER (N+0.36)	B455	V40X60	67.851	0.000	ENVOL	0.025	C18
1ER (N+0.36)	B455	V40X60	105.702	0.000	ENVOL	0.005	C18
1ER (N+0.36)	B455	V40X60	143.552	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	143.552	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	183.842	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	224.131	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	264.421	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B455	V40X60	304.710	0.000	ENVOL	0.014	C18
1ER (N+0.36)	B455	V40X60	345.000	0.000	ENVOL	0.041	ENVOL
1ER (N+0.36)	B456	V40X60	0.000	0.000	ENVOL	0.041	C18
1ER (N+0.36)	B456	V40X60	46.875	0.000	ENVOL	0.023	C18
1ER (N+0.36)	B456	V40X60	93.750	0.000	ENVOL	0.006	C18
1ER (N+0.36)	B456	V40X60	140.625	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	187.500	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	234.375	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B456	V40X60	281.250	0.000	ENVOL	0.009	C18
1ER (N+0.36)	B456	V40X60	328.125	0.000	ENVOL	0.025	C18
1ER (N+0.36)	B456	V40X60	375.000	0.000	ENVOL	0.042	C18
1ER (N+0.36)	B458	V20X60	0.000	0.000	ENVOL	0.057	C18
1ER (N+0.36)	B458	V20X60	46.875	0.000	ENVOL	0.045	C18
1ER (N+0.36)	B458	V20X60	93.750	0.000	ENVOL	0.033	C18
1ER (N+0.36)	B458	V20X60	140.625	0.000	ENVOL	0.021	C18
1ER (N+0.36)	B458	V20X60	187.500	0.000	ENVOL	0.008	C18
1ER (N+0.36)	B458	V20X60	234.375	0.000	ENVOL	0.002	ENVOL
1ER (N+0.36)	B458	V20X60	281.250	0.000	ENVOL	0.013	C18
1ER (N+0.36)	B458	V20X60	328.125	0.000	ENVOL	0.025	C18
1ER (N+0.36)	B458	V20X60	375.000	0.000	ENVOL	0.037	C18
1ER (N+0.36)	B459	V60X60	0.000	0.028	ENVOL	0.033	ENVOL
1ER (N+0.36)	B459	V60X60	40.000	0.028	ENVOL	0.019	ENVOL
1ER (N+0.36)	B459	V60X60	80.000	0.028	ENVOL	0.030	ENVOL
1ER (N+0.36)	B460	V60X60	0.000	0.029	C14	0.035	C18
1ER (N+0.36)	B460	V60X60	25.581	0.029	C14	0.027	C18
1ER (N+0.36)	B460	V60X60	51.161	0.029	C14	0.038	C18
1ER (N+0.36)	B460	V60X60	51.161	0.029	ENVOL	0.031	C18
1ER (N+0.36)	B460	V60X60	80.000	0.029	ENVOL	0.032	C18
1ER (N+0.36)	B466	V60X60	0.000	0.068	ENVOL	0.132	C18
1ER (N+0.36)	B466	V60X60	47.851	0.068	ENVOL	0.111	C18
1ER (N+0.36)	B466	V60X60	95.702	0.068	ENVOL	0.089	C18
1ER (N+0.36)	B466	V60X60	143.552	0.068	ENVOL	0.068	C18
1ER (N+0.36)	B469	V40X60	0.000	0.035	ENVOL	0.038	C18
1ER (N+0.36)	B469	V40X60	48.333	0.035	ENVOL	0.040	C18
1ER (N+0.36)	B469	V40X60	96.667	0.035	ENVOL	0.042	C18
1ER (N+0.36)	B469	V40X60	145.000	0.035	ENVOL	0.044	C18
1ER (N+0.36)	B469	V40X60	145.000	0.034	ENVOL	0.034	ENVOL
1ER (N+0.36)	B469	V40X60	165.000	0.034	ENVOL	0.035	ENVOL
1ER (N+0.36)	B470	V40X60	0.000	0.000	ENVOL	0.006	C18
1ER (N+0.36)	B470	V40X60	37.500	0.000	ENVOL	0.004	ENVOL
1ER (N+0.36)	B470	V40X60	75.000	0.000	ENVOL	0.007	C18

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 255 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B471	V40X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B471	V40X60	48.750	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B471	V40X60	97.500	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B471	V40X60	146.250	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B471	V40X60	195.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B473	V40X60	0.000	0.014	ENVOL	0.072	ENVOL
1ER (N+0.36)	B473	V40X60	46.623	0.014	ENVOL	0.051	ENVOL
1ER (N+0.36)	B473	V40X60	93.247	0.014	ENVOL	0.045	ENVOL
1ER (N+0.36)	B473	V40X60	139.870	0.014	ENVOL	0.039	ENVOL
1ER (N+0.36)	B473	V40X60	186.494	0.014	ENVOL	0.040	ENVOL
1ER (N+0.36)	B473	V40X60	233.117	0.014	ENVOL	0.031	ENVOL
1ER (N+0.36)	B473	V40X60	279.741	0.014	ENVOL	0.039	ENVOL
1ER (N+0.36)	B473	V40X60	326.364	0.014	ENVOL	0.063	ENVOL
1ER (N+0.36)	B473	V40X60	372.988	0.014	ENVOL	0.076	ENVOL
1ER (N+0.36)	B474	V40X60	0.000	0.000	ENVOL	0.040	C18
1ER (N+0.36)	B474	V40X60	47.668	0.000	ENVOL	0.029	C18
1ER (N+0.36)	B474	V40X60	95.335	0.000	ENVOL	0.017	C18
1ER (N+0.36)	B474	V40X60	143.003	0.000	ENVOL	0.003	C18
1ER (N+0.36)	B474	V40X60	190.671	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	238.338	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	286.006	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	333.674	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B474	V40X60	381.342	0.000	ENVOL	0.006	C18
1ER (N+0.36)	B474	V40X60	429.009	0.000	ENVOL	0.024	C18
1ER (N+0.36)	B474	V40X60	476.677	0.000	ENVOL	0.042	C18
1ER (N+0.36)	B474	V40X60	524.345	0.000	ENVOL	0.069	ENVOL
1ER (N+0.36)	B474	V40X60	572.012	0.000	ENVOL	0.099	ENVOL
1ER (N+0.36)	B476	V60X60	30.000	0.000	ENVOL	0.116	ENVOL
1ER (N+0.36)	B476	V60X60	79.862	0.000	ENVOL	0.082	ENVOL
1ER (N+0.36)	B476	V60X60	129.724	0.000	ENVOL	0.048	ENVOL
1ER (N+0.36)	B476	V60X60	179.585	0.000	ENVOL	0.021	C18
1ER (N+0.36)	B476	V60X60	229.447	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	279.309	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	329.171	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	379.032	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	428.894	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	478.756	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	528.618	0.000	ENVOL	0.015	C18
1ER (N+0.36)	B476	V60X60	578.479	0.000	ENVOL	0.040	ENVOL
1ER (N+0.36)	B476	V60X60	628.341	0.000	ENVOL	0.074	ENVOL
1ER (N+0.36)	B476	V60X60	628.341	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	677.864	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	727.386	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	776.909	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	826.432	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B476	V60X60	875.955	0.000	ENVOL	0.013	ENVOL
1ER (N+0.36)	B476	V60X60	925.477	0.000	ENVOL	0.041	ENVOL
1ER (N+0.36)	B476	V60X60	975.000	0.000	ENVOL	0.070	ENVOL
1ER (N+0.36)	B478	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B478	V60X60	48.750	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B478	V60X60	97.500	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B478	V60X60	146.250	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B478	V60X60	195.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B480	V60X60	0.000	0.028	ENVOL	0.000	ENVOL
1ER (N+0.36)	B480	V60X60	25.000	0.028	ENVOL	0.000	ENVOL
1ER (N+0.36)	B480	V60X60	25.000	0.051	ENVOL	0.149	ENVOL
1ER (N+0.36)	B480	V60X60	68.000	0.051	ENVOL	0.119	ENVOL
1ER (N+0.36)	B480	V60X60	111.000	0.051	ENVOL	0.090	ENVOL
1ER (N+0.36)	B480	V60X60	154.000	0.051	ENVOL	0.060	ENVOL
1ER (N+0.36)	B480	V60X60	197.000	0.051	ENVOL	0.031	ENVOL
1ER (N+0.36)	B480	V60X60	240.000	0.051	ENVOL	0.002	ENVOL
1ER (N+0.36)	B492	V60X60	0.000	0.000	ENVOL	0.000	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 256 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B492	V60X60	48.562	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	97.124	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	145.687	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	194.249	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	242.811	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	291.373	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	339.936	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	388.498	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	437.060	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	485.622	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	534.185	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	582.747	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	631.309	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	679.871	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	679.871	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B492	V60X60	719.711	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B493	V60X60	0.000	0.013	ENVOL	0.051	C18
1ER (N+0.36)	B493	V60X60	45.934	0.013	ENVOL	0.054	C18
1ER (N+0.36)	B493	V60X60	91.869	0.013	ENVOL	0.057	C18
1ER (N+0.36)	B493	V60X60	137.803	0.013	ENVOL	0.059	C18
1ER (N+0.36)	B493	V60X60	183.737	0.013	ENVOL	0.062	C18
1ER (N+0.36)	B493	V60X60	229.672	0.013	ENVOL	0.065	C18
1ER (N+0.36)	B493	V60X60	275.606	0.013	ENVOL	0.068	C18
1ER (N+0.36)	B493	V60X60	321.540	0.013	ENVOL	0.070	C18
1ER (N+0.36)	B493	V60X60	367.475	0.013	ENVOL	0.073	C18
1ER (N+0.36)	B493	V60X60	413.409	0.013	ENVOL	0.076	C18
1ER (N+0.36)	B493	V60X60	459.343	0.013	ENVOL	0.079	C18
1ER (N+0.36)	B494	V40X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	41.798	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	83.596	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	125.395	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	125.395	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	173.957	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	222.519	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	271.081	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	319.643	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	368.206	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	416.768	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	465.330	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	513.892	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	562.455	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	611.017	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	659.579	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	708.141	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	756.704	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B494	V40X60	805.266	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	50.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	98.842	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	147.684	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	196.526	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	245.368	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	294.210	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	343.053	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	391.895	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	440.737	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	489.579	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	538.421	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	587.263	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	636.105	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	684.947	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	733.789	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	782.631	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	831.474	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	880.316	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	929.158	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B499	V60X60	978.000	0.000	ENVOL	0.000	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 257 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B501	V40X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	48.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	96.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	144.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	192.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	240.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	288.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	336.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	384.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	432.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	480.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	528.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	576.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	624.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	672.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	720.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	768.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	816.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	864.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	912.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	960.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B501	V40X60	1008.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	48.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	96.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	144.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	192.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	240.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	288.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	336.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	384.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	432.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	480.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	528.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	576.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	624.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	672.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	720.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	768.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	816.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	864.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	912.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	960.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B502	V60X60	1008.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	0.000	0.000	ENVOL	0.027	ENVOL
1ER (N+0.36)	B504	V20X60	48.000	0.000	ENVOL	0.022	ENVOL
1ER (N+0.36)	B504	V20X60	96.000	0.000	ENVOL	0.017	ENVOL
1ER (N+0.36)	B504	V20X60	144.000	0.000	ENVOL	0.012	ENVOL
1ER (N+0.36)	B504	V20X60	192.000	0.000	ENVOL	0.007	ENVOL
1ER (N+0.36)	B504	V20X60	240.000	0.000	ENVOL	0.002	ENVOL
1ER (N+0.36)	B504	V20X60	288.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	336.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	384.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	432.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	480.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	528.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	576.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	624.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	672.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	720.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B504	V20X60	768.000	0.000	ENVOL	0.001	ENVOL
1ER (N+0.36)	B504	V20X60	816.000	0.000	ENVOL	0.006	ENVOL
1ER (N+0.36)	B504	V20X60	864.000	0.000	ENVOL	0.011	ENVOL
1ER (N+0.36)	B504	V20X60	912.000	0.000	ENVOL	0.016	ENVOL
1ER (N+0.36)	B504	V20X60	960.000	0.000	ENVOL	0.021	ENVOL
1ER (N+0.36)	B504	V20X60	1008.000	0.000	ENVOL	0.026	ENVOL







Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 258 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B505	V60X60	0.000	0.019	ENVOL	0.180	C18
1ER (N+0.36)	B505	V60X60	25.532	0.019	ENVOL	0.182	C18
1ER (N+0.36)	B505	V60X60	51.064	0.019	ENVOL	0.184	C18
1ER (N+0.36)	B508	V60X60	30.000	0.000	ENVOL	0.041	ENVOL
1ER (N+0.36)	B508	V60X60	77.641	0.000	ENVOL	0.027	C18
1ER (N+0.36)	B508	V60X60	125.283	0.000	ENVOL	0.014	C18
1ER (N+0.36)	B508	V60X60	172.924	0.000	ENVOL	0.002	C18
1ER (N+0.36)	B508	V60X60	220.566	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	268.207	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	315.849	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	363.490	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	411.131	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	458.773	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	506.414	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	554.056	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B508	V60X60	601.697	0.000	ENVOL	0.005	C18
1ER (N+0.36)	B508	V60X60	649.339	0.000	ENVOL	0.022	C18
1ER (N+0.36)	B508	V60X60	696.980	0.000	ENVOL	0.043	ENVOL
1ER (N+0.36)	B508	V60X60	744.622	0.000	ENVOL	0.069	ENVOL
1ER (N+0.36)	B509	V40X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	46.702	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	93.404	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	140.106	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	186.808	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	233.510	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	280.212	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	326.914	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	373.616	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	420.318	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	467.020	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	513.722	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	560.424	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	607.126	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	653.828	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B509	V40X60	700.530	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B511	V60X60	0.000	0.054	C18	0.307	ENVOL
1ER (N+0.36)	B511	V60X60	37.098	0.054	C18	0.303	ENVOL
1ER (N+0.36)	B511	V60X60	74.196	0.054	C18	0.300	ENVOL
1ER (N+0.36)	B512	V60X60	50.000	0.000	ENVOL	0.239	ENVOL
1ER (N+0.36)	B512	V60X60	98.684	0.000	ENVOL	0.200	ENVOL
1ER (N+0.36)	B512	V60X60	147.368	0.000	ENVOL	0.168	C18
1ER (N+0.36)	B512	V60X60	196.053	0.000	ENVOL	0.141	C18
1ER (N+0.36)	B512	V60X60	244.737	0.000	ENVOL	0.115	C18
1ER (N+0.36)	B512	V60X60	293.421	0.000	ENVOL	0.089	C18
1ER (N+0.36)	B512	V60X60	342.105	0.000	ENVOL	0.063	C18
1ER (N+0.36)	B512	V60X60	390.789	0.000	ENVOL	0.036	C18
1ER (N+0.36)	B512	V60X60	439.474	0.000	ENVOL	0.010	C18
1ER (N+0.36)	B512	V60X60	488.158	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B512	V60X60	536.842	0.000	ENVOL	0.015	C18
1ER (N+0.36)	B512	V60X60	585.526	0.000	ENVOL	0.042	C18
1ER (N+0.36)	B512	V60X60	634.211	0.000	ENVOL	0.068	C18
1ER (N+0.36)	B512	V60X60	682.895	0.000	ENVOL	0.094	C18
1ER (N+0.36)	B512	V60X60	731.579	0.000	ENVOL	0.120	C18
1ER (N+0.36)	B512	V60X60	780.263	0.000	ENVOL	0.147	C18
1ER (N+0.36)	B512	V60X60	828.947	0.000	ENVOL	0.173	C18
1ER (N+0.36)	B512	V60X60	877.632	0.000	ENVOL	0.208	ENVOL
1ER (N+0.36)	B512	V60X60	926.316	0.000	ENVOL	0.247	ENVOL
1ER (N+0.36)	B512	V60X60	975.000	0.000	ENVOL	0.286	ENVOL
1ER (N+0.36)	B514	V60X60	0.000	0.012	ENVOL	0.000	ENVOL
1ER (N+0.36)	B514	V60X60	48.750	0.012	ENVOL	0.000	ENVOL
1ER (N+0.36)	B514	V60X60	97.500	0.012	ENVOL	0.000	ENVOL
1ER (N+0.36)	B514	V60X60	146.250	0.012	ENVOL	0.000	ENVOL
1ER (N+0.36)	B514	V60X60	195.000	0.012	ENVOL	0.000	ENVOL



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 259 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B515	V60X60	0.000	0.038	ENVOL	0.000	ENVOL
1ER (N+0.36)	B515	V60X60	25.000	0.038	ENVOL	0.000	ENVOL
1ER (N+0.36)	B515	V60X60	25.000	0.060	ENVOL	0.144	ENVOL
1ER (N+0.36)	B515	V60X60	68.000	0.060	ENVOL	0.110	ENVOL
1ER (N+0.36)	B515	V60X60	111.000	0.060	ENVOL	0.075	ENVOL
1ER (N+0.36)	B515	V60X60	154.000	0.060	ENVOL	0.041	ENVOL
1ER (N+0.36)	B515	V60X60	197.000	0.060	ENVOL	0.007	ENVOL
1ER (N+0.36)	B515	V60X60	240.000	0.060	ENVOL	0.000	ENVOL
1ER (N+0.36)	B519	V60X60	0.000	0.013	ENVOL	0.122	C18
1ER (N+0.36)	B519	V60X60	50.000	0.013	ENVOL	0.119	C18
1ER (N+0.36)	B519	V60X60	100.000	0.013	ENVOL	0.116	C18
1ER (N+0.36)	B519	V60X60	150.000	0.013	ENVOL	0.113	C18
1ER (N+0.36)	B519	V60X60	200.000	0.013	ENVOL	0.110	C18
1ER (N+0.36)	B520	V20X60	0.000	0.031	ENVOL	0.048	ENVOL
1ER (N+0.36)	B520	V20X60	50.000	0.031	ENVOL	0.043	ENVOL
1ER (N+0.36)	B520	V20X60	100.000	0.031	ENVOL	0.038	ENVOL
1ER (N+0.36)	B520	V20X60	150.000	0.031	ENVOL	0.032	ENVOL
1ER (N+0.36)	B520	V20X60	200.000	0.031	ENVOL	0.027	ENVOL
1ER (N+0.36)	B521	V20X60	0.000	0.000	ENVOL	0.029	ENVOL
1ER (N+0.36)	B521	V20X60	48.750	0.000	ENVOL	0.022	ENVOL
1ER (N+0.36)	B521	V20X60	97.500	0.000	ENVOL	0.015	ENVOL
1ER (N+0.36)	B521	V20X60	146.250	0.000	ENVOL	0.008	ENVOL
1ER (N+0.36)	B521	V20X60	195.000	0.000	ENVOL	4.580E-04	ENVOL
1ER (N+0.36)	B521	V20X60	243.750	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	292.500	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	341.250	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	390.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	438.750	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	487.500	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	536.250	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	585.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	633.750	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	682.500	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	731.250	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	780.000	0.000	ENVOL	3.677E-04	ENVOL
1ER (N+0.36)	B521	V20X60	828.750	0.000	ENVOL	0.007	ENVOL
1ER (N+0.36)	B521	V20X60	877.500	0.000	ENVOL	0.015	ENVOL
1ER (N+0.36)	B521	V20X60	926.250	0.000	ENVOL	0.022	ENVOL
1ER (N+0.36)	B521	V20X60	975.000	0.000	ENVOL	0.029	ENVOL
1ER (N+0.36)	B521	V20X60	975.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	1023.750	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	1072.500	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	1121.250	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B521	V20X60	1170.000	0.000	ENVOL	0.000	ENVOL
1ER (N+0.36)	B524	V20X60	0.000	0.000	ENVOL	0.048	C18
1ER (N+0.36)	B524	V20X60	48.000	0.000	ENVOL	0.044	C18
1ER (N+0.36)	B524	V20X60	96.000	0.000	ENVOL	0.039	C18
1ER (N+0.36)	B524	V20X60	144.000	0.000	ENVOL	0.034	C18
1ER (N+0.36)	B524	V20X60	192.000	0.000	ENVOL	0.029	C18
1ER (N+0.36)	B524	V20X60	240.000	0.000	ENVOL	0.029	ENVOL
1ER (N+0.36)	B630	V30X60	0.000	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	46.667	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	93.333	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	140.000	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	186.667	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	233.333	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	280.000	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	280.000	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	323.333	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	366.667	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	410.000	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	453.333	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B630	V30X60	496.667	0.017	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 260 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B630	V30X60	540.000	0.017	ENVOL	0.000	ENVOL
1ER (N+0.36)	B631	V30X60	0.000	0.013	ENVOL	0.000	ENVOL
1ER (N+0.36)	B631	V30X60	44.000	0.013	ENVOL	0.000	ENVOL
1ER (N+0.36)	B631	V30X60	88.000	0.013	ENVOL	0.000	ENVOL
1ER (N+0.36)	B631	V30X60	132.000	0.013	ENVOL	0.000	ENVOL
1ER (N+0.36)	B631	V30X60	176.000	0.013	ENVOL	0.000	ENVOL
1ER (N+0.36)	B631	V30X60	220.000	0.013	ENVOL	0.000	ENVOL
1ER (N-0.49)	B1	V40X60	0.000	0.000	ENVOL	0.024	ENVOL
1ER (N-0.49)	B1	V40X60	45.000	0.000	ENVOL	0.018	ENVOL
1ER (N-0.49)	B1	V40X60	90.000	0.000	ENVOL	0.013	C18
1ER (N-0.49)	B1	V40X60	135.000	0.000	ENVOL	0.019	ENVOL
1ER (N-0.49)	B1	V40X60	180.000	0.000	ENVOL	0.024	ENVOL
1ER (N-0.49)	B2	V40X60	0.000	0.000	ENVOL	0.053	ENVOL
1ER (N-0.49)	B2	V40X60	47.143	0.000	ENVOL	0.047	ENVOL
1ER (N-0.49)	B2	V40X60	94.286	0.000	ENVOL	0.041	ENVOL
1ER (N-0.49)	B2	V40X60	141.429	0.000	ENVOL	0.035	ENVOL
1ER (N-0.49)	B2	V40X60	188.571	0.000	ENVOL	0.030	ENVOL
1ER (N-0.49)	B2	V40X60	235.714	0.000	ENVOL	0.036	ENVOL
1ER (N-0.49)	B2	V40X60	282.857	0.000	ENVOL	0.042	ENVOL
1ER (N-0.49)	B2	V40X60	330.000	0.000	ENVOL	0.048	ENVOL
1ER (N-0.49)	B3	V40X60	30.000	0.000	ENVOL	0.023	C18
1ER (N-0.49)	B3	V40X60	77.500	0.000	ENVOL	0.012	C18
1ER (N-0.49)	B3	V40X60	125.000	0.000	ENVOL	4.848E-04	C18
1ER (N-0.49)	B3	V40X60	172.500	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	220.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	267.500	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	315.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	362.500	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	410.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	457.500	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B3	V40X60	505.000	0.000	ENVOL	0.001	C18
1ER (N-0.49)	B3	V40X60	552.500	0.000	ENVOL	0.012	C18
1ER (N-0.49)	B3	V40X60	600.000	0.000	ENVOL	0.023	C18
1ER (N-0.49)	B4	V40X60	30.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	77.500	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	125.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	172.500	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	220.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	267.500	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	315.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	362.500	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	410.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	457.500	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	505.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	552.500	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B4	V40X60	600.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B5	V40X60	30.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B5	V40X60	78.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B5	V40X60	126.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B5	V40X60	174.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B5	V40X60	222.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B5	V40X60	270.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B5	V40X60	315.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B5	V40X60	360.000	0.000	ENVOL	0.000	ENVOL
1ER (N-0.49)	B6	V40X60	0.000	0.000	ENVOL	0.027	ENVOL
1ER (N-0.49)	B6	V40X60	45.000	0.000	ENVOL	0.021	ENVOL
1ER (N-0.49)	B6	V40X60	90.000	0.000	ENVOL	0.015	C18
1ER (N-0.49)	B6	V40X60	135.000	0.000	ENVOL	0.020	ENVOL
1ER (N-0.49)	B6	V40X60	180.000	0.000	ENVOL	0.026	ENVOL
1ER (N-0.49)	B7	V30X60	0.000	0.012	ENVOL	0.000	ENVOL



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 261 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B7	V30X60	45.714	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B7	V30X60	91.429	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B7	V30X60	137.143	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B7	V30X60	182.857	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B7	V30X60	228.571	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B7	V30X60	274.286	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B7	V30X60	320.000	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	0.000	0.000	ENVOL	0.040	C18
1ER(N-0.49)	B12	V50X60	47.273	0.000	ENVOL	0.024	C18
1ER(N-0.49)	B12	V50X60	94.545	0.000	ENVOL	0.009	C18
1ER(N-0.49)	B12	V50X60	141.818	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	189.091	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	236.364	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	283.636	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	330.909	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	378.182	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	425.455	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B12	V50X60	472.727	0.000	ENVOL	0.013	C18
1ER(N-0.49)	B12	V50X60	520.000	0.000	ENVOL	0.029	C18
1ER(N-0.49)	B14	V50X60	30.000	0.000	ENVOL	0.064	C18
1ER(N-0.49)	B14	V50X60	76.667	0.000	ENVOL	0.052	C18
1ER(N-0.49)	B14	V50X60	123.333	0.000	ENVOL	0.039	C18
1ER(N-0.49)	B14	V50X60	170.000	0.000	ENVOL	0.027	C18
1ER(N-0.49)	B14	V50X60	216.667	0.000	ENVOL	0.015	C18
1ER(N-0.49)	B14	V50X60	263.333	0.000	ENVOL	0.002	C18
1ER(N-0.49)	B14	V50X60	310.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	354.500	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B14	V50X60	399.000	0.000	ENVOL	0.022	C18
1ER(N-0.49)	B14	V50X60	443.500	0.000	ENVOL	0.045	C18
1ER(N-0.49)	B14	V50X60	488.000	0.000	ENVOL	0.071	ENVOL
1ER(N-0.49)	B14	V50X60	532.500	0.000	ENVOL	0.105	ENVOL
1ER(N-0.49)	B16	V40X60	30.000	0.000	ENVOL	0.097	ENVOL
1ER(N-0.49)	B16	V40X60	76.667	0.000	ENVOL	0.077	ENVOL
1ER(N-0.49)	B16	V40X60	123.333	0.000	ENVOL	0.057	ENVOL
1ER(N-0.49)	B16	V40X60	170.000	0.000	ENVOL	0.037	ENVOL
1ER(N-0.49)	B16	V40X60	216.667	0.000	ENVOL	0.016	ENVOL
1ER(N-0.49)	B16	V40X60	263.333	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	310.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	310.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	358.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B16	V40X60	406.000	0.000	ENVOL	0.026	ENVOL
1ER(N-0.49)	B16	V40X60	454.000	0.000	ENVOL	0.065	ENVOL
1ER(N-0.49)	B16	V40X60	502.000	0.000	ENVOL	0.104	ENVOL
1ER(N-0.49)	B16	V40X60	550.000	0.000	ENVOL	0.143	ENVOL
1ER(N-0.49)	B17	V50X60	30.000	0.000	ENVOL	0.085	ENVOL
1ER(N-0.49)	B17	V50X60	78.333	0.000	ENVOL	0.064	ENVOL
1ER(N-0.49)	B17	V50X60	126.667	0.000	ENVOL	0.049	C18
1ER(N-0.49)	B17	V50X60	175.000	0.000	ENVOL	0.034	C18
1ER(N-0.49)	B17	V50X60	223.333	0.000	ENVOL	0.020	C18
1ER(N-0.49)	B17	V50X60	271.667	0.000	ENVOL	0.005	C18
1ER(N-0.49)	B17	V50X60	320.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	320.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	362.500	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B17	V50X60	405.000	0.000	ENVOL	0.012	C18
1ER(N-0.49)	B17	V50X60	447.500	0.000	ENVOL	0.034	C18
1ER(N-0.49)	B17	V50X60	490.000	0.000	ENVOL	0.056	C18
1ER(N-0.49)	B17	V50X60	532.500	0.000	ENVOL	0.088	ENVOL
1ER(N-0.49)	B19	V50X60	30.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	80.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	130.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	180.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	230.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	230.000	0.000	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 262 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B19	V50X60	275.714	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	321.429	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	367.143	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	412.857	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	458.571	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	504.286	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B19	V50X60	550.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	0.000	0.033	ENVOL	0.016	ENVOL
1ER(N-0.49)	B21	V30X60	48.462	0.033	ENVOL	0.005	ENVOL
1ER(N-0.49)	B21	V30X60	96.923	0.033	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	145.385	0.033	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	193.846	0.033	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	242.308	0.033	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	290.769	0.033	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	339.231	0.033	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	387.692	0.033	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	436.154	0.033	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	484.615	0.033	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	533.077	0.033	ENVOL	0.000	ENVOL
1ER(N-0.49)	B21	V30X60	581.538	0.033	ENVOL	0.005	ENVOL
1ER(N-0.49)	B21	V30X60	630.000	0.033	ENVOL	0.016	ENVOL
1ER(N-0.49)	B22	V30X60	0.000	0.000	ENVOL	0.010	ENVOL
1ER(N-0.49)	B22	V30X60	45.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	90.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	135.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	180.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	225.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	315.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	360.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	405.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	450.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	495.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B32	V50X60	30.000	0.000	ENVOL	0.049	ENVOL
1ER(N-0.49)	B32	V50X60	76.000	0.000	ENVOL	0.046	ENVOL
1ER(N-0.49)	B32	V50X60	122.000	0.000	ENVOL	0.043	ENVOL
1ER(N-0.49)	B32	V50X60	168.000	0.000	ENVOL	0.041	ENVOL
1ER(N-0.49)	B32	V50X60	214.000	0.000	ENVOL	0.038	ENVOL
1ER(N-0.49)	B32	V50X60	260.000	0.000	ENVOL	0.035	C18
1ER(N-0.49)	B32	V50X60	306.000	0.000	ENVOL	0.033	C18
1ER(N-0.49)	B32	V50X60	352.000	0.000	ENVOL	0.034	ENVOL
1ER(N-0.49)	B32	V50X60	398.000	0.000	ENVOL	0.036	ENVOL
1ER(N-0.49)	B32	V50X60	444.000	0.000	ENVOL	0.039	ENVOL
1ER(N-0.49)	B32	V50X60	490.000	0.000	ENVOL	0.042	ENVOL
1ER(N-0.49)	B34	V50X60	50.000	0.000	ENVOL	0.078	ENVOL
1ER(N-0.49)	B34	V50X60	90.000	0.000	ENVOL	0.075	ENVOL
1ER(N-0.49)	B34	V50X60	130.000	0.000	ENVOL	0.073	ENVOL
1ER(N-0.49)	B34	V50X60	130.000	0.000	ENVOL	0.069	ENVOL
1ER(N-0.49)	B34	V50X60	180.000	0.000	ENVOL	0.064	ENVOL
1ER(N-0.49)	B34	V50X60	230.000	0.000	ENVOL	0.059	ENVOL
1ER(N-0.49)	B34	V50X60	280.000	0.000	ENVOL	0.054	ENVOL
1ER(N-0.49)	B34	V50X60	330.000	0.000	ENVOL	0.049	C18
1ER(N-0.49)	B34	V50X60	380.000	0.000	ENVOL	0.045	C18
1ER(N-0.49)	B34	V50X60	430.000	0.000	ENVOL	0.041	C18
1ER(N-0.49)	B34	V50X60	480.000	0.000	ENVOL	0.038	C18
1ER(N-0.49)	B34	V50X60	530.000	0.000	ENVOL	0.034	C18
1ER(N-0.49)	B34	V50X60	580.000	0.000	ENVOL	0.030	C18
1ER(N-0.49)	B34	V50X60	630.000	0.000	ENVOL	0.026	C18
1ER(N-0.49)	B34	V50X60	630.000	0.000	ENVOL	0.026	C18
1ER(N-0.49)	B34	V50X60	680.000	0.000	ENVOL	0.029	C18
1ER(N-0.49)	B34	V50X60	730.000	0.000	ENVOL	0.033	C18
1ER(N-0.49)	B34	V50X60	780.000	0.000	ENVOL	0.037	C18
1ER(N-0.49)	B34	V50X60	830.000	0.000	ENVOL	0.041	C18



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 263 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B34	V50X60	880.000	0.000	ENVOL	0.045	C18
1ER(N-0.49)	B34	V50X60	930.000	0.000	ENVOL	0.049	C18
1ER(N-0.49)	B34	V50X60	980.000	0.000	ENVOL	0.053	ENVOL
1ER(N-0.49)	B34	V50X60	1030.000	0.000	ENVOL	0.058	ENVOL
1ER(N-0.49)	B34	V50X60	1080.000	0.000	ENVOL	0.063	ENVOL
1ER(N-0.49)	B34	V50X60	1130.000	0.000	ENVOL	0.069	ENVOL
1ER(N-0.49)	B34	V50X60	1130.000	0.000	ENVOL	0.063	ENVOL
1ER(N-0.49)	B34	V50X60	1170.000	0.000	ENVOL	0.066	ENVOL
1ER(N-0.49)	B34	V50X60	1210.000	0.000	ENVOL	0.068	ENVOL
1ER(N-0.49)	B35	V50X60	50.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	96.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	142.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	188.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	234.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	280.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	280.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	326.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	372.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	418.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	464.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B35	V50X60	510.000	0.000	ENVOL	0.002	C18
1ER(N-0.49)	B37	V20X60	0.000	0.000	ENVOL	0.023	ENVOL
1ER(N-0.49)	B37	V20X60	50.000	0.000	ENVOL	0.016	ENVOL
1ER(N-0.49)	B37	V20X60	100.000	0.000	ENVOL	0.010	ENVOL
1ER(N-0.49)	B37	V20X60	150.000	0.000	ENVOL	0.003	ENVOL
1ER(N-0.49)	B37	V20X60	200.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	250.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	300.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	350.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	400.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	450.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	500.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	550.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	600.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	650.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	700.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	750.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	800.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B37	V20X60	850.000	0.000	ENVOL	0.003	ENVOL
1ER(N-0.49)	B37	V20X60	900.000	0.000	ENVOL	0.010	ENVOL
1ER(N-0.49)	B37	V20X60	950.000	0.000	ENVOL	0.016	ENVOL
1ER(N-0.49)	B37	V20X60	1000.000	0.000	ENVOL	0.023	ENVOL
1ER(N-0.49)	B42	V50X60	30.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B42	V50X60	78.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B42	V50X60	126.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B42	V50X60	174.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B42	V50X60	222.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B42	V50X60	270.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B49	V50X60	17.500	0.038	ENVOL	0.000	ENVOL
1ER(N-0.49)	B49	V50X60	59.583	0.038	ENVOL	0.000	ENVOL
1ER(N-0.49)	B49	V50X60	101.667	0.038	ENVOL	0.000	ENVOL
1ER(N-0.49)	B49	V50X60	143.750	0.038	ENVOL	0.000	ENVOL
1ER(N-0.49)	B49	V50X60	185.833	0.038	ENVOL	0.000	ENVOL
1ER(N-0.49)	B49	V50X60	227.917	0.038	ENVOL	0.000	ENVOL
1ER(N-0.49)	B49	V50X60	270.000	0.038	ENVOL	0.000	ENVOL
1ER(N-0.49)	B53	V50X60	30.000	0.000	ENVOL	0.033	ENVOL
1ER(N-0.49)	B53	V50X60	77.500	0.000	ENVOL	0.026	ENVOL
1ER(N-0.49)	B53	V50X60	125.000	0.000	ENVOL	0.024	C18
1ER(N-0.49)	B53	V50X60	172.500	0.000	ENVOL	0.031	ENVOL
1ER(N-0.49)	B53	V50X60	220.000	0.000	ENVOL	0.037	ENVOL
1ER(N-0.49)	B53	V50X60	220.000	0.000	ENVOL	0.027	C18
1ER(N-0.49)	B53	V50X60	270.000	0.000	ENVOL	0.028	C18
1ER(N-0.49)	B59	V50X60	0.000	0.000	ENVOL	0.009	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 264 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B59	V50X60	40.000	0.000	ENVOL	0.007	ENVOL
1ER(N-0.49)	B59	V50X60	80.000	0.000	ENVOL	0.006	ENVOL
1ER(N-0.49)	B59	V50X60	120.000	0.000	ENVOL	0.009	ENVOL
1ER(N-0.49)	B61	V50X60	0.000	0.000	ENVOL	0.051	ENVOL
1ER(N-0.49)	B61	V50X60	46.667	0.000	ENVOL	0.048	ENVOL
1ER(N-0.49)	B61	V50X60	93.333	0.000	ENVOL	0.045	ENVOL
1ER(N-0.49)	B61	V50X60	140.000	0.000	ENVOL	0.042	ENVOL
1ER(N-0.49)	B61	V50X60	186.667	0.000	ENVOL	0.040	ENVOL
1ER(N-0.49)	B61	V50X60	233.333	0.000	ENVOL	0.037	ENVOL
1ER(N-0.49)	B61	V50X60	280.000	0.000	ENVOL	0.034	ENVOL
1ER(N-0.49)	B61	V50X60	326.667	0.000	ENVOL	0.033	ENVOL
1ER(N-0.49)	B61	V50X60	373.333	0.000	ENVOL	0.035	ENVOL
1ER(N-0.49)	B61	V50X60	420.000	0.000	ENVOL	0.038	ENVOL
1ER(N-0.49)	B63	V50X60	0.000	0.000	ENVOL	0.014	C14
1ER(N-0.49)	B63	V50X60	50.000	0.000	ENVOL	0.002	ENVOL
1ER(N-0.49)	B63	V50X60	100.000	0.000	ENVOL	0.005	ENVOL
1ER(N-0.49)	B66	V50X60	30.000	0.014	ENVOL	0.000	ENVOL
1ER(N-0.49)	B66	V50X60	80.000	0.014	ENVOL	0.000	ENVOL
1ER(N-0.49)	B66	V50X60	130.000	0.014	ENVOL	0.000	ENVOL
1ER(N-0.49)	B67	V50X60	0.000	0.020	ENVOL	0.061	ENVOL
1ER(N-0.49)	B67	V50X60	46.667	0.020	ENVOL	0.058	ENVOL
1ER(N-0.49)	B67	V50X60	93.333	0.020	ENVOL	0.057	C18
1ER(N-0.49)	B67	V50X60	140.000	0.020	ENVOL	0.060	ENVOL
1ER(N-0.49)	B67	V50X60	186.667	0.020	ENVOL	0.062	ENVOL
1ER(N-0.49)	B67	V50X60	233.333	0.020	ENVOL	0.065	ENVOL
1ER(N-0.49)	B67	V50X60	280.000	0.020	ENVOL	0.068	ENVOL
1ER(N-0.49)	B67	V50X60	280.000	0.020	ENVOL	0.102	C18
1ER(N-0.49)	B67	V50X60	326.667	0.020	ENVOL	0.105	C18
1ER(N-0.49)	B67	V50X60	373.333	0.020	ENVOL	0.107	C18
1ER(N-0.49)	B67	V50X60	420.000	0.020	ENVOL	0.109	C18
1ER(N-0.49)	B70	V50X60	0.000	0.000	ENVOL	0.011	ENVOL
1ER(N-0.49)	B70	V50X60	40.000	0.000	ENVOL	0.009	ENVOL
1ER(N-0.49)	B70	V50X60	80.000	0.000	ENVOL	0.008	ENVOL
1ER(N-0.49)	B70	V50X60	120.000	0.000	ENVOL	0.010	ENVOL
1ER(N-0.49)	B73	V50X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B73	V50X60	45.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B73	V50X60	90.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B73	V50X60	135.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B73	V50X60	180.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B75	V50X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B75	V50X60	45.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B75	V50X60	90.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B75	V50X60	135.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B75	V50X60	180.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	30.000	0.000	ENVOL	0.133	ENVOL
1ER(N-0.49)	B114	V50X60	40.000	0.000	ENVOL	0.129	ENVOL
1ER(N-0.49)	B114	V50X60	40.000	0.000	ENVOL	0.076	C18
1ER(N-0.49)	B114	V50X60	80.000	0.000	ENVOL	0.063	C18
1ER(N-0.49)	B114	V50X60	120.000	0.000	ENVOL	0.051	C18
1ER(N-0.49)	B114	V50X60	160.000	0.000	ENVOL	0.038	C18
1ER(N-0.49)	B114	V50X60	160.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	200.556	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	241.111	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	281.667	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B114	V50X60	281.667	0.000	ENVOL	0.029	C18
1ER(N-0.49)	B114	V50X60	322.222	0.000	ENVOL	0.042	C18
1ER(N-0.49)	B114	V50X60	362.778	0.000	ENVOL	0.055	C18
1ER(N-0.49)	B114	V50X60	403.333	0.000	ENVOL	0.067	C18
1ER(N-0.49)	B114	V50X60	403.333	0.000	ENVOL	0.119	ENVOL
1ER(N-0.49)	B114	V50X60	444.167	0.000	ENVOL	0.138	ENVOL
1ER(N-0.49)	B114	V50X60	485.000	0.000	ENVOL	0.157	ENVOL





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 265 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B114	V50X60	485.000	0.000	ENVOL	0.304	ENVOL
1ER(N-0.49)	B114	V50X60	525.000	0.000	ENVOL	0.285	ENVOL
1ER(N-0.49)	B114	V50X60	525.000	0.000	ENVOL	0.220	ENVOL
1ER(N-0.49)	B114	V50X60	565.556	0.000	ENVOL	0.201	ENVOL
1ER(N-0.49)	B114	V50X60	606.111	0.000	ENVOL	0.182	ENVOL
1ER(N-0.49)	B114	V50X60	646.667	0.000	ENVOL	0.163	ENVOL
1ER(N-0.49)	B114	V50X60	646.667	0.000	ENVOL	0.098	ENVOL
1ER(N-0.49)	B114	V50X60	680.000	0.000	ENVOL	0.086	C18
1ER(N-0.49)	B119	V50X60	30.000	0.000	ENVOL	0.136	ENVOL
1ER(N-0.49)	B119	V50X60	40.000	0.000	ENVOL	0.131	ENVOL
1ER(N-0.49)	B119	V50X60	40.000	0.000	ENVOL	0.083	C18
1ER(N-0.49)	B119	V50X60	80.000	0.000	ENVOL	0.070	C18
1ER(N-0.49)	B119	V50X60	120.000	0.000	ENVOL	0.057	C18
1ER(N-0.49)	B119	V50X60	160.000	0.000	ENVOL	0.045	C18
1ER(N-0.49)	B119	V50X60	160.000	0.000	ENVOL	0.003	C18
1ER(N-0.49)	B119	V50X60	200.556	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	241.111	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	281.667	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B119	V50X60	281.667	0.000	ENVOL	0.032	C18
1ER(N-0.49)	B119	V50X60	322.222	0.000	ENVOL	0.044	C18
1ER(N-0.49)	B119	V50X60	362.778	0.000	ENVOL	0.057	C18
1ER(N-0.49)	B119	V50X60	403.333	0.000	ENVOL	0.070	C18
1ER(N-0.49)	B119	V50X60	403.333	0.000	ENVOL	0.116	ENVOL
1ER(N-0.49)	B119	V50X60	444.167	0.000	ENVOL	0.135	ENVOL
1ER(N-0.49)	B119	V50X60	485.000	0.000	ENVOL	0.154	ENVOL
1ER(N-0.49)	B119	V50X60	485.000	0.000	ENVOL	0.303	ENVOL
1ER(N-0.49)	B119	V50X60	525.000	0.000	ENVOL	0.284	ENVOL
1ER(N-0.49)	B119	V50X60	525.000	0.000	ENVOL	0.219	ENVOL
1ER(N-0.49)	B119	V50X60	565.556	0.000	ENVOL	0.200	ENVOL
1ER(N-0.49)	B119	V50X60	606.111	0.000	ENVOL	0.181	ENVOL
1ER(N-0.49)	B119	V50X60	646.667	0.000	ENVOL	0.162	ENVOL
1ER(N-0.49)	B119	V50X60	646.667	0.000	ENVOL	0.101	C18
1ER(N-0.49)	B119	V50X60	680.000	0.000	ENVOL	0.090	C18
1ER(N-0.49)	B157	V50X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	43.571	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	87.143	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	130.714	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	174.286	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	217.857	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	261.429	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	305.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	305.000	0.000	ENVOL	0.100	ENVOL
1ER(N-0.49)	B157	V50X60	354.643	0.000	ENVOL	0.072	ENVOL
1ER(N-0.49)	B157	V50X60	404.286	0.000	ENVOL	0.045	ENVOL
1ER(N-0.49)	B157	V50X60	453.929	0.000	ENVOL	0.017	ENVOL
1ER(N-0.49)	B157	V50X60	503.571	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	553.214	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	602.857	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	652.500	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	702.143	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	751.786	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	801.429	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B157	V50X60	851.071	0.000	ENVOL	0.020	ENVOL
1ER(N-0.49)	B157	V50X60	900.714	0.000	ENVOL	0.047	ENVOL
1ER(N-0.49)	B157	V50X60	950.357	0.000	ENVOL	0.075	ENVOL
1ER(N-0.49)	B157	V50X60	1000.000	0.000	ENVOL	0.102	ENVOL
1ER(N-0.49)	B188	V50X60	0.000	0.000	ENVOL	0.193	ENVOL
1ER(N-0.49)	B188	V50X60	43.571	0.000	ENVOL	0.169	ENVOL
1ER(N-0.49)	B188	V50X60	87.143	0.000	ENVOL	0.149	C18
1ER(N-0.49)	B188	V50X60	130.714	0.000	ENVOL	0.132	C18
1ER(N-0.49)	B188	V50X60	174.286	0.000	ENVOL	0.115	C18
1ER(N-0.49)	B188	V50X60	217.857	0.000	ENVOL	0.098	C18
1ER(N-0.49)	B188	V50X60	261.429	0.000	ENVOL	0.082	C18
1ER(N-0.49)	B188	V50X60	305.000	0.000	ENVOL	0.065	C18
1ER(N-0.49)	B188	V50X60	305.000	0.000	ENVOL	0.058	C18
1ER(N-0.49)	B188	V50X60	354.643	0.000	ENVOL	0.038	C18





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 266 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B188	V50X60	404.286	0.000	ENVOL	0.019	C18
1ER(N-0.49)	B188	V50X60	453.929	0.000	ENVOL	2.506E-04	C18
1ER(N-0.49)	B188	V50X60	503.571	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B188	V50X60	553.214	0.000	ENVOL	0.004	C18
1ER(N-0.49)	B188	V50X60	602.857	0.000	ENVOL	0.023	C18
1ER(N-0.49)	B188	V50X60	652.500	0.000	ENVOL	0.042	C18
1ER(N-0.49)	B188	V50X60	702.143	0.000	ENVOL	0.061	C18
1ER(N-0.49)	B188	V50X60	751.786	0.000	ENVOL	0.080	C18
1ER(N-0.49)	B188	V50X60	801.429	0.000	ENVOL	0.100	C18
1ER(N-0.49)	B188	V50X60	851.071	0.000	ENVOL	0.119	C18
1ER(N-0.49)	B188	V50X60	900.714	0.000	ENVOL	0.138	C18
1ER(N-0.49)	B188	V50X60	950.357	0.000	ENVOL	0.158	ENVOL
1ER(N-0.49)	B188	V50X60	1000.000	0.000	ENVOL	0.186	ENVOL
1ER(N-0.49)	B228	V50X60	0.000	0.000	ENVOL	0.082	ENVOL
1ER(N-0.49)	B228	V50X60	44.167	0.000	ENVOL	0.061	ENVOL
1ER(N-0.49)	B228	V50X60	88.333	0.000	ENVOL	0.044	C18
1ER(N-0.49)	B228	V50X60	88.333	0.000	ENVOL	0.002	C18
1ER(N-0.49)	B228	V50X60	128.889	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	169.445	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	210.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	210.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B228	V50X60	250.556	0.000	ENVOL	0.008	C18
1ER(N-0.49)	B228	V50X60	291.111	0.000	ENVOL	0.020	C18
1ER(N-0.49)	B228	V50X60	331.667	0.000	ENVOL	0.033	C18
1ER(N-0.49)	B228	V50X60	331.667	0.000	ENVOL	0.086	ENVOL
1ER(N-0.49)	B228	V50X60	372.222	0.000	ENVOL	0.105	ENVOL
1ER(N-0.49)	B228	V50X60	412.778	0.000	ENVOL	0.124	ENVOL
1ER(N-0.49)	B228	V50X60	453.333	0.000	ENVOL	0.143	ENVOL
1ER(N-0.49)	B228	V50X60	453.333	0.000	ENVOL	0.209	ENVOL
1ER(N-0.49)	B228	V50X60	493.889	0.000	ENVOL	0.228	ENVOL
1ER(N-0.49)	B228	V50X60	534.445	0.000	ENVOL	0.247	ENVOL
1ER(N-0.49)	B228	V50X60	575.000	0.000	ENVOL	0.266	ENVOL
1ER(N-0.49)	B228	V50X60	575.000	0.034	ENVOL	0.203	ENVOL
1ER(N-0.49)	B228	V50X60	610.000	0.034	ENVOL	0.200	ENVOL
1ER(N-0.49)	B228	V50X60	645.000	0.034	ENVOL	0.195	ENVOL
1ER(N-0.49)	B228	V50X60	680.000	0.034	ENVOL	0.189	ENVOL
1ER(N-0.49)	B233	V50X60	0.000	0.000	ENVOL	0.081	ENVOL
1ER(N-0.49)	B233	V50X60	44.167	0.000	ENVOL	0.060	ENVOL
1ER(N-0.49)	B233	V50X60	88.333	0.000	ENVOL	0.044	C18
1ER(N-0.49)	B233	V50X60	88.333	0.000	ENVOL	0.002	C18
1ER(N-0.49)	B233	V50X60	128.889	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	169.444	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	210.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	210.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B233	V50X60	250.556	0.000	ENVOL	0.009	C18
1ER(N-0.49)	B233	V50X60	291.111	0.000	ENVOL	0.022	C18
1ER(N-0.49)	B233	V50X60	331.667	0.000	ENVOL	0.035	C18
1ER(N-0.49)	B233	V50X60	331.667	0.000	ENVOL	0.088	ENVOL
1ER(N-0.49)	B233	V50X60	372.222	0.000	ENVOL	0.107	ENVOL
1ER(N-0.49)	B233	V50X60	412.778	0.000	ENVOL	0.126	ENVOL
1ER(N-0.49)	B233	V50X60	453.333	0.000	ENVOL	0.144	ENVOL
1ER(N-0.49)	B233	V50X60	453.333	0.000	ENVOL	0.210	ENVOL
1ER(N-0.49)	B233	V50X60	493.889	0.000	ENVOL	0.229	ENVOL
1ER(N-0.49)	B233	V50X60	534.444	0.000	ENVOL	0.248	ENVOL
1ER(N-0.49)	B233	V50X60	575.000	0.000	ENVOL	0.267	ENVOL
1ER(N-0.49)	B233	V50X60	575.000	0.034	ENVOL	0.202	ENVOL
1ER(N-0.49)	B233	V50X60	610.000	0.034	ENVOL	0.199	ENVOL
1ER(N-0.49)	B233	V50X60	645.000	0.034	ENVOL	0.195	ENVOL
1ER(N-0.49)	B233	V50X60	680.000	0.034	ENVOL	0.189	ENVOL
1ER(N-0.49)	B269	V40X60	30.000	0.000	ENVOL	0.010	ENVOL
1ER(N-0.49)	B269	V40X60	79.474	0.000	ENVOL	0.001	ENVOL
1ER(N-0.49)	B269	V40X60	128.947	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	178.421	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	227.895	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	277.368	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	326.842	0.000	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 267 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B269	V40X60	376.316	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	425.789	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	475.263	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	524.737	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	574.211	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	623.684	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	673.158	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	722.632	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	772.105	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	821.579	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	871.053	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B269	V40X60	920.526	0.000	ENVOL	0.001	ENVOL
1ER(N-0.49)	B269	V40X60	970.000	0.000	ENVOL	0.010	ENVOL
1ER(N-0.49)	B270	V50X60	0.000	0.000	ENVOL	0.034	C18
1ER(N-0.49)	B270	V50X60	37.500	0.000	ENVOL	0.022	C18
1ER(N-0.49)	B270	V50X60	75.000	0.000	ENVOL	0.030	C18
1ER(N-0.49)	B270	V50X60	75.000	0.000	ENVOL	0.038	C18
1ER(N-0.49)	B270	V50X60	110.000	0.000	ENVOL	0.028	C18
1ER(N-0.49)	B270	V50X60	145.000	0.000	ENVOL	0.021	C18
1ER(N-0.49)	B270	V50X60	180.000	0.000	ENVOL	0.029	C18
1ER(N-0.49)	B272	V50X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	37.500	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	75.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	75.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	110.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	145.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B272	V50X60	180.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B274	V60X60	0.000	0.022	C18	0.010	ENVOL
1ER(N-0.49)	B274	V60X60	40.000	0.022	C18	0.007	ENVOL
1ER(N-0.49)	B274	V60X60	80.000	0.022	C18	0.006	ENVOL
1ER(N-0.49)	B274	V60X60	120.000	0.022	C18	0.009	ENVOL
1ER(N-0.49)	B276	V60X60	0.000	0.000	ENVOL	0.132	C18
1ER(N-0.49)	B276	V60X60	46.000	0.000	ENVOL	0.129	C18
1ER(N-0.49)	B276	V60X60	92.000	0.000	ENVOL	0.126	C18
1ER(N-0.49)	B276	V60X60	138.000	0.000	ENVOL	0.123	C18
1ER(N-0.49)	B276	V60X60	184.000	0.000	ENVOL	0.121	C18
1ER(N-0.49)	B276	V60X60	230.000	0.000	ENVOL	0.118	C18
1ER(N-0.49)	B281	V60X100	32.300	0.000	ENVOL	0.048	ENVOL
1ER(N-0.49)	B281	V60X100	32.500	0.000	ENVOL	0.048	ENVOL
1ER(N-0.49)	B281	V60X100	32.500	0.000	ENVOL	0.048	ENVOL
1ER(N-0.49)	B281	V60X100	78.000	0.000	ENVOL	0.055	ENVOL
1ER(N-0.49)	B281	V60X100	123.500	0.000	ENVOL	0.061	ENVOL
1ER(N-0.49)	B281	V60X100	169.000	0.000	ENVOL	0.068	ENVOL
1ER(N-0.49)	B281	V60X100	214.500	0.000	ENVOL	0.075	ENVOL
1ER(N-0.49)	B281	V60X100	260.000	0.000	ENVOL	0.081	ENVOL
1ER(N-0.49)	B281	V60X100	260.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	310.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	360.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	410.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	460.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	510.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	560.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	610.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	660.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	710.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	760.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	810.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	860.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	910.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	960.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1010.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1060.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1110.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1160.000	0.000	ENVOL	0.000	ENVOL




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 268 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER(N-0.49)	B281	V60X100	1210.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1260.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B281	V60X100	1260.000	0.000	ENVOL	0.080	ENVOL
1ER(N-0.49)	B281	V60X100	1305.500	0.000	ENVOL	0.074	ENVOL
1ER(N-0.49)	B281	V60X100	1351.000	0.000	ENVOL	0.067	ENVOL
1ER(N-0.49)	B281	V60X100	1396.500	0.000	ENVOL	0.061	ENVOL
1ER(N-0.49)	B281	V60X100	1442.000	0.000	ENVOL	0.054	ENVOL
1ER(N-0.49)	B281	V60X100	1487.500	0.000	ENVOL	0.047	ENVOL
1ER(N-0.49)	B281	V60X100	1487.500	0.000	ENVOL	0.047	ENVOL
1ER(N-0.49)	B281	V60X100	1487.700	0.000	ENVOL	0.047	ENVOL
1ER(N-0.49)	B286	V60X60	60.000	0.000	ENVOL	0.118	C18
1ER(N-0.49)	B286	V60X60	106.000	0.000	ENVOL	0.121	C18
1ER(N-0.49)	B286	V60X60	152.000	0.000	ENVOL	0.124	C18
1ER(N-0.49)	B286	V60X60	198.000	0.000	ENVOL	0.126	C18
1ER(N-0.49)	B286	V60X60	244.000	0.000	ENVOL	0.129	C18
1ER(N-0.49)	B286	V60X60	290.000	0.000	ENVOL	0.132	C18
1ER(N-0.49)	B288	V60X60	0.000	0.018	ENVOL	0.009	ENVOL
1ER(N-0.49)	B288	V60X60	40.000	0.018	ENVOL	0.006	ENVOL
1ER(N-0.49)	B288	V60X60	80.000	0.018	ENVOL	0.007	ENVOL
1ER(N-0.49)	B288	V60X60	120.000	0.018	ENVOL	0.009	ENVOL
1ER(N-0.49)	B296	V50X60	0.000	0.000	ENVOL	0.043	ENVOL
1ER(N-0.49)	B296	V50X60	48.751	0.000	ENVOL	0.040	ENVOL
1ER(N-0.49)	B296	V50X60	97.503	0.000	ENVOL	0.037	ENVOL
1ER(N-0.49)	B296	V50X60	146.254	0.000	ENVOL	0.035	C18
1ER(N-0.49)	B296	V50X60	195.006	0.000	ENVOL	0.038	ENVOL
1ER(N-0.49)	B296	V50X60	243.757	0.000	ENVOL	0.040	ENVOL
1ER(N-0.49)	B296	V50X60	292.509	0.000	ENVOL	0.043	ENVOL
1ER(N-0.49)	B296	V50X60	341.260	0.000	ENVOL	0.046	ENVOL
1ER(N-0.49)	B297	V50X60	0.000	0.000	ENVOL	0.047	ENVOL
1ER(N-0.49)	B297	V50X60	48.751	0.000	ENVOL	0.044	ENVOL
1ER(N-0.49)	B297	V50X60	97.503	0.000	ENVOL	0.042	ENVOL
1ER(N-0.49)	B297	V50X60	146.254	0.000	ENVOL	0.039	C18
1ER(N-0.49)	B297	V50X60	195.006	0.000	ENVOL	0.039	ENVOL
1ER(N-0.49)	B297	V50X60	243.757	0.000	ENVOL	0.042	ENVOL
1ER(N-0.49)	B297	V50X60	292.509	0.000	ENVOL	0.044	ENVOL
1ER(N-0.49)	B297	V50X60	341.260	0.000	ENVOL	0.047	ENVOL
1ER(N-0.49)	B573	V30X60	0.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	50.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	50.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	94.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	138.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	182.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	226.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B573	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
1ER(N-0.49)	B574	V20X60	0.000	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B574	V20X60	43.333	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B574	V20X60	86.667	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B574	V20X60	130.000	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B574	V20X60	173.333	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B574	V20X60	216.667	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B574	V20X60	260.000	0.012	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	0.000	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	49.231	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	98.462	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	147.692	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	196.923	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	246.154	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	295.385	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	344.615	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	393.846	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	443.077	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	492.308	0.013	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 269 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B624	V50X60	541.538	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	590.769	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B624	V50X60	640.000	0.013	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	30.000	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	79.231	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	128.462	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	177.692	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	226.923	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	276.154	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	325.385	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	374.615	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	423.846	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	473.077	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	522.308	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	571.538	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	620.769	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B625	V50X60	670.000	0.025	ENVOL	0.000	ENVOL
1ER(N-0.49)	B626	V60X60	55.793	0.029	ENVOL	0.103	C18
1ER(N-0.49)	B626	V60X60	104.445	0.029	ENVOL	0.111	C18
1ER(N-0.49)	B626	V60X60	153.097	0.029	ENVOL	0.118	C18
1ER(N-0.49)	B626	V60X60	201.749	0.029	ENVOL	0.126	C18
1ER(N-0.49)	B626	V60X60	250.401	0.029	ENVOL	0.134	C18
1ER(N-0.49)	B627	V60X60	30.000	0.029	C18	0.131	C18
1ER(N-0.49)	B627	V60X60	78.652	0.029	C18	0.124	C18
1ER(N-0.49)	B627	V60X60	127.304	0.029	C18	0.116	C18
1ER(N-0.49)	B627	V60X60	175.956	0.029	C18	0.108	C18
1ER(N-0.49)	B627	V60X60	224.608	0.029	C18	0.100	C18
1ER(N-0.49)	B628	V50X60	23.616	0.000	ENVOL	0.074	C18
1ER(N-0.49)	B628	V50X60	72.826	0.000	ENVOL	0.060	C18
1ER(N-0.49)	B628	V50X60	122.036	0.000	ENVOL	0.068	ENVOL
1ER(N-0.49)	B628	V50X60	171.246	0.000	ENVOL	0.082	C18
1ER(N-0.49)	B628	V50X60	220.456	0.000	ENVOL	0.096	C18
1ER(N-0.49)	B628	V50X60	269.666	0.000	ENVOL	0.110	C18
1ER(N-0.49)	B629	V50X60	30.000	0.000	ENVOL	0.159	C18
1ER(N-0.49)	B629	V50X60	79.210	0.000	ENVOL	0.154	C18
1ER(N-0.49)	B629	V50X60	128.420	0.000	ENVOL	0.149	C18
1ER(N-0.49)	B629	V50X60	177.630	0.000	ENVOL	0.144	C18
1ER(N-0.49)	B629	V50X60	226.840	0.000	ENVOL	0.140	C18
1ER(N-0.49)	B629	V50X60	276.050	0.000	ENVOL	0.135	C18
SOT1(N-4.09)	B3	V40X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	77.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	125.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	172.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	220.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	267.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	315.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	362.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	410.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	457.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	505.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	552.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B3	V40X60	600.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	77.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	125.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	172.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	220.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	267.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	315.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	362.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	410.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	457.500	0.000	ENVOL	0.000	ENVOL


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 270 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09)	B4	V40X60	505.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	552.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B4	V40X60	600.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	78.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	126.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	174.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	222.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	270.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	270.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	315.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B5	V40X60	360.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B6	V40X60	0.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B6	V40X60	45.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B6	V40X60	90.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B6	V40X60	135.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B6	V40X60	180.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B7	V30X60	0.000	0.011	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B7	V30X60	45.714	0.011	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B7	V30X60	91.429	0.011	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B7	V30X60	137.143	0.011	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B7	V30X60	182.857	0.011	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B7	V30X60	228.571	0.011	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B7	V30X60	274.286	0.011	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B7	V30X60	320.000	0.011	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	76.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	123.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	170.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	216.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	263.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	310.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	310.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	354.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	399.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	443.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	488.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B14	V40X60	532.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B16	V40X60	30.000	0.014	ENVOL	0.089	ENVOL
SOT1(N-4.09)	B16	V40X60	76.667	0.014	ENVOL	0.069	ENVOL
SOT1(N-4.09)	B16	V40X60	123.333	0.014	ENVOL	0.049	ENVOL
SOT1(N-4.09)	B16	V40X60	170.000	0.014	ENVOL	0.029	ENVOL
SOT1(N-4.09)	B16	V40X60	216.667	0.014	ENVOL	0.009	ENVOL
SOT1(N-4.09)	B16	V40X60	263.333	0.014	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B16	V40X60	310.000	0.014	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B16	V40X60	310.000	0.014	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B16	V40X60	358.000	0.014	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B16	V40X60	406.000	0.014	ENVOL	0.034	ENVOL
SOT1(N-4.09)	B16	V40X60	454.000	0.014	ENVOL	0.073	ENVOL
SOT1(N-4.09)	B16	V40X60	502.000	0.014	ENVOL	0.112	ENVOL
SOT1(N-4.09)	B16	V40X60	550.000	0.014	ENVOL	0.151	ENVOL
SOT1(N-4.09)	B17	V50X60	30.000	0.000	ENVOL	0.077	ENVOL
SOT1(N-4.09)	B17	V50X60	78.333	0.000	ENVOL	0.056	ENVOL
SOT1(N-4.09)	B17	V50X60	126.667	0.000	ENVOL	0.041	C18
SOT1(N-4.09)	B17	V50X60	175.000	0.000	ENVOL	0.027	C18
SOT1(N-4.09)	B17	V50X60	223.333	0.000	ENVOL	0.012	C18
SOT1(N-4.09)	B17	V50X60	271.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	320.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	320.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	362.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B17	V50X60	405.000	0.000	ENVOL	0.016	C18
SOT1(N-4.09)	B17	V50X60	447.500	0.000	ENVOL	0.038	C18
SOT1(N-4.09)	B17	V50X60	490.000	0.000	ENVOL	0.064	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 271 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


SOT1(N-4.09)	B17	V50X60	532.500	0.000	ENVOL	0.096	ENVOL
SOT1(N-4.09)	B19	V40X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	80.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	130.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	180.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	230.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	230.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	275.714	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	321.429	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	367.143	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	412.857	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	458.571	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	504.286	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B19	V40X60	550.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	0.000	0.021	ENVOL	0.016	ENVOL
SOT1(N-4.09)	B21	V30X60	48.462	0.021	ENVOL	0.005	ENVOL
SOT1(N-4.09)	B21	V30X60	96.923	0.021	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	145.385	0.021	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	193.846	0.021	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	242.308	0.021	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	290.769	0.021	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	339.231	0.021	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	387.692	0.021	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	436.154	0.021	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	484.615	0.021	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	533.077	0.021	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B21	V30X60	581.538	0.021	ENVOL	0.005	ENVOL
SOT1(N-4.09)	B21	V30X60	630.000	0.021	ENVOL	0.016	ENVOL
SOT1(N-4.09)	B22	V30X60	0.000	0.000	ENVOL	0.010	ENVOL
SOT1(N-4.09)	B22	V30X60	45.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	90.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	135.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	180.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	225.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	270.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	315.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	360.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	405.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	450.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	495.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B22	V30X60	540.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B34	V50X60	50.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B34	V50X60	90.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B34	V50X60	130.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B34	V50X60	130.000	0.023	ENVOL	0.077	ENVOL
SOT1(N-4.09)	B34	V50X60	180.000	0.023	ENVOL	0.074	ENVOL
SOT1(N-4.09)	B34	V50X60	230.000	0.023	ENVOL	0.070	ENVOL
SOT1(N-4.09)	B34	V50X60	280.000	0.023	ENVOL	0.067	ENVOL
SOT1(N-4.09)	B34	V50X60	330.000	0.023	ENVOL	0.064	ENVOL
SOT1(N-4.09)	B34	V50X60	380.000	0.023	ENVOL	0.061	ENVOL
SOT1(N-4.09)	B34	V50X60	430.000	0.023	ENVOL	0.058	ENVOL
SOT1(N-4.09)	B34	V50X60	480.000	0.023	ENVOL	0.055	ENVOL
SOT1(N-4.09)	B34	V50X60	530.000	0.023	ENVOL	0.052	ENVOL
SOT1(N-4.09)	B34	V50X60	580.000	0.023	ENVOL	0.049	ENVOL
SOT1(N-4.09)	B34	V50X60	630.000	0.023	ENVOL	0.045	ENVOL
SOT1(N-4.09)	B34	V50X60	630.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B34	V50X60	680.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B34	V50X60	730.000	0.000	ENVOL	0.002	ENVOL
SOT1(N-4.09)	B34	V50X60	780.000	0.000	ENVOL	0.005	ENVOL
SOT1(N-4.09)	B34	V50X60	830.000	0.000	ENVOL	0.008	ENVOL
SOT1(N-4.09)	B34	V50X60	880.000	0.000	ENVOL	0.011	ENVOL
SOT1(N-4.09)	B34	V50X60	930.000	0.000	ENVOL	0.014	ENVOL
SOT1(N-4.09)	B34	V50X60	980.000	0.000	ENVOL	0.017	ENVOL
SOT1(N-4.09)	B34	V50X60	1030.000	0.000	ENVOL	0.020	ENVOL




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 272 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09)	B34	V50X60	1080.000	0.000	ENVOL	0.023	ENVOL
SOT1(N-4.09)	B34	V50X60	1130.000	0.000	ENVOL	0.027	ENVOL
SOT1(N-4.09)	B34	V50X60	1130.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B34	V50X60	1170.000	0.000	ENVOL	0.002	ENVOL
SOT1(N-4.09)	B34	V50X60	1210.000	0.000	ENVOL	0.005	ENVOL
SOT1(N-4.09)	B35	V50X60	50.000	0.012	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	91.000	0.012	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	132.000	0.012	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	173.000	0.012	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	173.000	0.012	C2	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	208.667	0.012	C2	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	244.333	0.012	C2	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	280.000	0.012	C2	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	280.000	0.012	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	326.000	0.012	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	372.000	0.012	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	418.000	0.012	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	464.000	0.012	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B35	V50X60	510.000	0.012	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B47	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B47	V60X60	48.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B47	V60X60	96.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B47	V60X60	144.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B47	V60X60	192.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B47	V60X60	240.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B48	V30X60	0.000	0.047	ENVOL	0.064	C18
SOT1(N-4.09)	B48	V30X60	48.000	0.047	ENVOL	0.068	C18
SOT1(N-4.09)	B48	V30X60	96.000	0.047	ENVOL	0.072	C18
SOT1(N-4.09)	B48	V30X60	144.000	0.047	ENVOL	0.075	C18
SOT1(N-4.09)	B48	V30X60	192.000	0.047	ENVOL	0.079	C18
SOT1(N-4.09)	B48	V30X60	240.000	0.047	ENVOL	0.083	C18
SOT1(N-4.09)	B49	V50X60	17.500	0.000	ENVOL	0.050	ENVOL
SOT1(N-4.09)	B49	V50X60	55.125	0.000	ENVOL	0.053	ENVOL
SOT1(N-4.09)	B49	V50X60	92.750	0.000	ENVOL	0.057	ENVOL
SOT1(N-4.09)	B49	V50X60	130.375	0.000	ENVOL	0.061	ENVOL
SOT1(N-4.09)	B49	V50X60	168.000	0.000	ENVOL	0.064	ENVOL
SOT1(N-4.09)	B49	V50X60	168.000	0.000	ENVOL	0.070	ENVOL
SOT1(N-4.09)	B49	V50X60	204.000	0.000	ENVOL	0.076	C18
SOT1(N-4.09)	B49	V50X60	240.000	0.000	ENVOL	0.083	C18
SOT1(N-4.09)	B52	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B52	V20X60	34.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B52	V20X60	68.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B52	V20X60	102.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B52	V20X60	102.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B52	V20X60	144.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B52	V20X60	186.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B52	V20X60	228.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B52	V20X60	270.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B53	V50X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B53	V50X60	77.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B53	V50X60	125.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B53	V50X60	172.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B53	V50X60	220.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B53	V50X60	220.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B53	V50X60	270.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B55	V20X60	0.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B55	V20X60	43.250	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B55	V20X60	86.500	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B55	V20X60	129.750	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B55	V20X60	173.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B66	V60X60	30.000	0.014	ENVOL	0.021	C18



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 273 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09)	B66	V60X60	65.000	0.014	ENVOL	0.024	C18
SOT1(N-4.09)	B66	V60X60	100.000	0.014	ENVOL	0.026	C18
SOT1(N-4.09)	B67	V60X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	77.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	125.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	173.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	173.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	208.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	244.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	280.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	280.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	326.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	373.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B67	V60X60	420.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B70	V60X60	0.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B70	V60X60	40.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B70	V60X60	80.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B70	V60X60	120.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	79.474	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	128.947	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	178.421	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	227.895	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	277.368	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	326.842	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	376.316	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	425.789	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	475.263	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	524.737	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	574.211	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	623.684	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	673.158	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	722.632	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	772.105	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	821.579	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	871.053	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	920.526	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B269	V60X60	970.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	77.222	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	124.444	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	171.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	218.889	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	266.111	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	313.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	360.556	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	407.778	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B618	V60X60	455.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	77.222	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	124.444	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	171.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	218.889	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	266.111	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	313.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	360.556	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	407.778	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B620	V60X60	455.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	77.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	124.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	172.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	219.333	0.000	ENVOL	0.000	ENVOL

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 274 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09)	B622	V60X60	266.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	314.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	361.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	408.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	456.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	503.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	550.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	598.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	645.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	692.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B622	V60X60	740.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	30.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	77.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	124.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	172.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	219.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	266.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	314.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	361.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	408.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	456.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	503.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	550.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	598.000	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	645.333	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	692.667	0.000	ENVOL	0.000	ENVOL
SOT1(N-4.09)	B623	V60X60	740.000	0.000	ENVOL	0.000	ENVOL


## RESISTENCIA AL CORTANTE DE VIGAS (C.21.3.3.1.b)

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CONCRETE BEAM DESIGN OUTPUT (ACI 318-08/IBC 2009)

TORSION AND SHEAR DESIGN OF BEAM-TYPE ELEMENTS


STORY ID	BEAM BAY	SECTION ID	STATION ID	<-----REQUIRED REINFORCING----->			
				TORSION	COMBO	SHEAR	COMBO
CB3(N+20.57)	B32	V35X60	30.000	0.000	VNV16	0.073	VNV8
CB3(N+20.57)	B32	V35X60	80.000	0.000	VNV16	0.072	VNV8
CB3(N+20.57)	B32	V35X60	130.000	0.000	VNV16	0.070	VNV8
CB3(N+20.57)	B32	V35X60	180.000	0.000	VNV16	0.068	VNV8
CB3(N+20.57)	B32	V35X60	180.000	0.000	VNV16	0.052	VNV16
CB3(N+20.57)	B32	V35X60	225.000	0.000	VNV16	0.051	VNV16
CB3(N+20.57)	B32	V35X60	270.000	0.000	VNV16	0.050	VNV16
CB3(N+20.57)	B32	V35X60	315.000	0.000	VNV16	0.051	VNV8
CB3(N+20.57)	B32	V35X60	360.000	0.000	VNV16	0.053	VNV8
CB3(N+20.57)	B32	V35X60	360.000	0.000	VNV16	0.069	VNV8
CB3(N+20.57)	B32	V35X60	403.333	0.000	VNV16	0.070	VNV8
CB3(N+20.57)	B32	V35X60	446.667	0.000	VNV16	0.072	VNV8
CB3(N+20.57)	B32	V35X60	490.000	0.000	VNV16	0.073	VNV8
CB3(N+20.57)	B33	V35X60	30.000	0.015	VNV8	0.110	VNV8
CB3(N+20.57)	B33	V35X60	76.438	0.015	VNV8	0.105	VNV8
CB3(N+20.57)	B33	V35X60	122.875	0.015	VNV8	0.100	VNV8
CB3(N+20.57)	B33	V35X60	169.313	0.015	VNV8	0.095	VNV8
CB3(N+20.57)	B33	V35X60	215.750	0.015	VNV8	0.090	VNV8
CB3(N+20.57)	B33	V35X60	262.188	0.015	VNV8	0.085	VNV8
CB3(N+20.57)	B33	V35X60	308.625	0.015	VNV8	0.081	VNV8
CB3(N+20.57)	B33	V35X60	355.063	0.015	VNV8	0.076	VNV8
CB3(N+20.57)	B33	V35X60	401.500	0.015	VNV8	0.077	VNV16
CB3(N+20.57)	B33	V35X60	401.500	0.015	VNV8	0.092	VNV8
CB3(N+20.57)	B33	V35X60	445.750	0.015	VNV8	0.097	VNV8
CB3(N+20.57)	B33	V35X60	490.000	0.015	VNV8	0.101	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 275 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB3(N+20.57)	B35	V35X60	50.000	0.000	VNV16	0.077	VNV8
CB3(N+20.57)	B35	V35X60	93.333	0.000	VNV16	0.071	VNV8
CB3(N+20.57)	B35	V35X60	136.667	0.000	VNV16	0.066	VNV8
CB3(N+20.57)	B35	V35X60	180.000	0.000	VNV16	0.061	VNV8
CB3(N+20.57)	B35	V35X60	180.000	0.000	VNV16	0.060	VNV8
CB3(N+20.57)	B35	V35X60	225.000	0.000	VNV16	0.055	VNV16
CB3(N+20.57)	B35	V35X60	270.000	0.000	VNV16	0.060	VNV8
CB3(N+20.57)	B35	V35X60	315.000	0.000	VNV16	0.066	VNV8
CB3(N+20.57)	B35	V35X60	360.000	0.000	VNV16	0.071	VNV8
CB3(N+20.57)	B35	V35X60	360.000	0.000	VNV16	0.071	VNV8
CB3(N+20.57)	B35	V35X60	410.000	0.000	VNV16	0.078	VNV8
CB3(N+20.57)	B35	V35X60	460.000	0.000	VNV16	0.084	VNV8
CB3(N+20.57)	B35	V35X60	510.000	0.000	VNV16	0.090	VNV8
CB3(N+20.57)	B36	V35X60	50.000	0.015	VNV4	0.099	VNV8
CB3(N+20.57)	B36	V35X60	96.000	0.015	VNV4	0.093	VNV8
CB3(N+20.57)	B36	V35X60	142.000	0.015	VNV4	0.087	VNV8
CB3(N+20.57)	B36	V35X60	188.000	0.015	VNV4	0.081	VNV8
CB3(N+20.57)	B36	V35X60	234.000	0.015	VNV4	0.078	VNV8
CB3(N+20.57)	B36	V35X60	280.000	0.015	VNV4	0.084	VNV8
CB3(N+20.57)	B36	V35X60	280.000	0.015	VNV4	0.089	VNV8
CB3(N+20.57)	B36	V35X60	326.000	0.015	VNV4	0.096	VNV8
CB3(N+20.57)	B36	V35X60	372.000	0.015	VNV4	0.103	VNV8
CB3(N+20.57)	B36	V35X60	418.000	0.015	VNV4	0.110	VNV8
CB3(N+20.57)	B36	V35X60	464.000	0.015	VNV4	0.117	VNV8
CB3(N+20.57)	B36	V35X60	510.000	0.015	VNV4	0.124	VNV8
CB3(N+20.57)	B42	V60X60	30.000	0.000	VNV16	0.254	VNV8
CB3(N+20.57)	B42	V60X60	78.000	0.000	VNV16	0.260	VNV8
CB3(N+20.57)	B42	V60X60	126.000	0.000	VNV16	0.265	VNV8
CB3(N+20.57)	B42	V60X60	174.000	0.000	VNV16	0.271	VNV8
CB3(N+20.57)	B42	V60X60	222.000	0.000	VNV16	0.277	VNV8
CB3(N+20.57)	B42	V60X60	270.000	0.000	VNV16	0.283	VNV8
CB3(N+20.57)	B43	V60X60	30.000	0.014	VNV8	0.311	VNV8
CB3(N+20.57)	B43	V60X60	78.000	0.014	VNV8	0.301	VNV8
CB3(N+20.57)	B43	V60X60	126.000	0.014	VNV8	0.304	VNV16
CB3(N+20.57)	B43	V60X60	174.000	0.014	VNV8	0.313	VNV8
CB3(N+20.57)	B43	V60X60	222.000	0.014	VNV8	0.324	VNV8
CB3(N+20.57)	B43	V60X60	270.000	0.014	VNV8	0.334	VNV8
CB3(N+20.57)	B53	V60X60	30.000	0.014	VNV4	0.215	VNV8
CB3(N+20.57)	B53	V60X60	78.000	0.014	VNV4	0.213	VNV16
CB3(N+20.57)	B53	V60X60	126.000	0.014	VNV4	0.215	VNV16
CB3(N+20.57)	B53	V60X60	174.000	0.014	VNV4	0.217	VNV16
CB3(N+20.57)	B53	V60X60	222.000	0.014	VNV4	0.220	VNV16
CB3(N+20.57)	B53	V60X60	270.000	0.014	VNV4	0.222	VNV8
CB3(N+20.57)	B54	V60X60	30.000	0.014	VNV8	0.286	VNV8
CB3(N+20.57)	B54	V60X60	77.500	0.014	VNV8	0.280	VNV8
CB3(N+20.57)	B54	V60X60	125.000	0.014	VNV8	0.276	VNV16
CB3(N+20.57)	B54	V60X60	172.500	0.014	VNV8	0.281	VNV16
CB3(N+20.57)	B54	V60X60	220.000	0.014	VNV8	0.285	VNV16
CB3(N+20.57)	B54	V60X60	220.000	0.014	VNV8	0.292	VNV8
CB3(N+20.57)	B54	V60X60	270.000	0.014	VNV8	0.299	VNV8
CB3(N+20.57)	B59	V60X60	0.000	0.028	VNV4	0.000	VNV8
CB3(N+20.57)	B59	V60X60	40.000	0.028	VNV4	0.000	VNV8
CB3(N+20.57)	B59	V60X60	80.000	0.028	VNV4	0.000	VNV8
CB3(N+20.57)	B59	V60X60	120.000	0.028	VNV4	0.000	VNV8
CB3(N+20.57)	B60	V60X60	0.000	0.013	VNV4	0.015	VNV8
CB3(N+20.57)	B60	V60X60	40.000	0.013	VNV4	0.015	VNV8
CB3(N+20.57)	B60	V60X60	80.000	0.013	VNV4	0.015	VNV8
CB3(N+20.57)	B60	V60X60	120.000	0.013	VNV4	0.015	VNV8
CB3(N+20.57)	B70	V60X60	0.000	0.021	VNV4	0.000	VNV8
CB3(N+20.57)	B70	V60X60	30.000	0.021	VNV4	0.000	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 276 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	B70	V60X60	60.000	0.021	VNV4	0.000	VNV8
CB3(N+20.57)	B70	V60X60	60.000	0.021	VNV4	0.000	VNV8
CB3(N+20.57)	B70	V60X60	90.000	0.021	VNV4	0.000	VNV8
CB3(N+20.57)	B70	V60X60	120.000	0.021	VNV4	0.000	VNV8
CB3(N+20.57)	B71	V60X60	0.000	0.012	VNV4	0.080	VNV8
CB3(N+20.57)	B71	V60X60	40.000	0.012	VNV4	0.080	VNV8
CB3(N+20.57)	B71	V60X60	80.000	0.012	VNV4	0.080	VNV8
CB3(N+20.57)	B71	V60X60	120.000	0.012	VNV4	0.080	VNV8
CB3(N+20.57)	B73	V60X60	0.000	0.030	VNV8	0.049	VNV8
CB3(N+20.57)	B73	V60X60	42.500	0.030	VNV8	0.047	VNV8
CB3(N+20.57)	B73	V60X60	85.000	0.030	VNV8	0.045	VNV8
CB3(N+20.57)	B73	V60X60	127.500	0.030	VNV8	0.048	VNV8
CB3(N+20.57)	B73	V60X60	170.000	0.030	VNV8	0.050	VNV8
CB3(N+20.57)	B73	V60X60	170.000	0.030	VNV8	0.045	VNV8
CB3(N+20.57)	B73	V60X60	180.000	0.030	VNV8	0.045	VNV8
CB3(N+20.57)	B74	V60X60	0.000	0.020	VNV4	0.013	VNV8
CB3(N+20.57)	B74	V60X60	45.000	0.020	VNV4	0.010	VNV8
CB3(N+20.57)	B74	V60X60	90.000	0.020	VNV4	0.010	VNV8
CB3(N+20.57)	B74	V60X60	135.000	0.020	VNV4	0.013	VNV8
CB3(N+20.57)	B74	V60X60	180.000	0.020	VNV4	0.015	VNV8
CB3(N+20.57)	B75	V60X60	0.000	0.022	VNV8	0.047	VNV8
CB3(N+20.57)	B75	V60X60	42.500	0.022	VNV8	0.045	VNV16
CB3(N+20.57)	B75	V60X60	85.000	0.022	VNV8	0.047	VNV8
CB3(N+20.57)	B75	V60X60	127.500	0.022	VNV8	0.049	VNV8
CB3(N+20.57)	B75	V60X60	170.000	0.022	VNV8	0.052	VNV8
CB3(N+20.57)	B75	V60X60	170.000	0.022	VNV8	0.045	VNV8
CB3(N+20.57)	B75	V60X60	180.000	0.022	VNV8	0.045	VNV8
CB3(N+20.57)	B76	V60X60	0.000	0.016	VNV4	0.013	VNV8
CB3(N+20.57)	B76	V60X60	45.000	0.016	VNV4	0.010	VNV8
CB3(N+20.57)	B76	V60X60	90.000	0.016	VNV4	0.010	VNV8
CB3(N+20.57)	B76	V60X60	135.000	0.016	VNV4	0.013	VNV8
CB3(N+20.57)	B76	V60X60	180.000	0.016	VNV4	0.015	VNV8
CB3(N+20.57)	B157	V60X60	0.000	0.024	VNV4	0.099	VNV16
CB3(N+20.57)	B157	V60X60	40.000	0.024	VNV4	0.097	VNV16
CB3(N+20.57)	B157	V60X60	80.000	0.024	VNV4	0.096	VNV16
CB3(N+20.57)	B157	V60X60	120.000	0.024	VNV4	0.094	VNV16
CB3(N+20.57)	B157	V60X60	160.000	0.024	VNV4	0.092	VNV16
CB3(N+20.57)	B157	V60X60	160.000	0.024	VNV4	0.086	VNV16
CB3(N+20.57)	B157	V60X60	202.500	0.024	VNV4	0.084	VNV16
CB3(N+20.57)	B157	V60X60	245.000	0.024	VNV4	0.082	VNV16
CB3(N+20.57)	B157	V60X60	287.500	0.024	VNV4	0.080	VNV16
CB3(N+20.57)	B157	V60X60	330.000	0.024	VNV4	0.078	VNV16
CB3(N+20.57)	B157	V60X60	330.000	0.024	VNV4	0.072	VNV16
CB3(N+20.57)	B157	V60X60	372.500	0.024	VNV4	0.070	VNV16
CB3(N+20.57)	B157	V60X60	415.000	0.024	VNV4	0.068	VNV16
CB3(N+20.57)	B157	V60X60	457.500	0.024	VNV4	0.066	VNV16
CB3(N+20.57)	B157	V60X60	500.000	0.024	VNV4	0.065	VNV16
CB3(N+20.57)	B157	V60X60	500.000	0.024	VNV4	0.064	VNV16
CB3(N+20.57)	B157	V60X60	542.500	0.024	VNV4	0.066	VNV16
CB3(N+20.57)	B157	V60X60	585.000	0.024	VNV4	0.068	VNV16
CB3(N+20.57)	B157	V60X60	627.500	0.024	VNV4	0.070	VNV16
CB3(N+20.57)	B157	V60X60	670.000	0.024	VNV4	0.072	VNV16
CB3(N+20.57)	B157	V60X60	670.000	0.024	VNV4	0.078	VNV16
CB3(N+20.57)	B157	V60X60	712.500	0.024	VNV4	0.080	VNV16
CB3(N+20.57)	B157	V60X60	755.000	0.024	VNV4	0.081	VNV16
CB3(N+20.57)	B157	V60X60	797.500	0.024	VNV4	0.083	VNV16
CB3(N+20.57)	B157	V60X60	840.000	0.024	VNV4	0.085	VNV16
CB3(N+20.57)	B157	V60X60	840.000	0.024	VNV4	0.091	VNV16
CB3(N+20.57)	B157	V60X60	880.000	0.024	VNV4	0.093	VNV16
CB3(N+20.57)	B157	V60X60	920.000	0.024	VNV4	0.095	VNV16
CB3(N+20.57)	B157	V60X60	960.000	0.024	VNV4	0.097	VNV16
CB3(N+20.57)	B157	V60X60	1000.000	0.024	VNV4	0.099	VNV16


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 277 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	B158	V60X60	0.000	0.020	VNV4	0.112	VNV16
CB3(N+20.57)	B158	V60X60	50.000	0.020	VNV4	0.107	VNV16
CB3(N+20.57)	B158	V60X60	100.000	0.020	VNV4	0.102	VNV16
CB3(N+20.57)	B158	V60X60	150.000	0.020	VNV4	0.097	VNV16
CB3(N+20.57)	B158	V60X60	200.000	0.020	VNV4	0.092	VNV16
CB3(N+20.57)	B158	V60X60	250.000	0.020	VNV4	0.087	VNV16
CB3(N+20.57)	B158	V60X60	300.000	0.020	VNV4	0.082	VNV16
CB3(N+20.57)	B158	V60X60	350.000	0.020	VNV4	0.078	VNV16
CB3(N+20.57)	B158	V60X60	400.000	0.020	VNV4	0.073	VNV16
CB3(N+20.57)	B158	V60X60	450.000	0.020	VNV4	0.068	VNV16
CB3(N+20.57)	B158	V60X60	500.000	0.020	VNV4	0.063	VNV16
CB3(N+20.57)	B158	V60X60	550.000	0.020	VNV4	0.067	VNV16
CB3(N+20.57)	B158	V60X60	600.000	0.020	VNV4	0.072	VNV16
CB3(N+20.57)	B158	V60X60	650.000	0.020	VNV4	0.077	VNV16
CB3(N+20.57)	B158	V60X60	700.000	0.020	VNV4	0.082	VNV16
CB3(N+20.57)	B158	V60X60	750.000	0.020	VNV4	0.086	VNV16
CB3(N+20.57)	B158	V60X60	800.000	0.020	VNV4	0.091	VNV16
CB3(N+20.57)	B158	V60X60	850.000	0.020	VNV4	0.096	VNV16
CB3(N+20.57)	B158	V60X60	900.000	0.020	VNV4	0.101	VNV16
CB3(N+20.57)	B158	V60X60	950.000	0.020	VNV4	0.106	VNV16
CB3(N+20.57)	B158	V60X60	1000.000	0.020	VNV4	0.111	VNV16
CB3(N+20.57)	B188	V60X60	0.000	0.018	VNV4	0.095	VNV8
CB3(N+20.57)	B188	V60X60	40.000	0.018	VNV4	0.092	VNV8
CB3(N+20.57)	B188	V60X60	80.000	0.018	VNV4	0.090	VNV8
CB3(N+20.57)	B188	V60X60	120.000	0.018	VNV4	0.087	VNV8
CB3(N+20.57)	B188	V60X60	160.000	0.018	VNV4	0.085	VNV8
CB3(N+20.57)	B188	V60X60	160.000	0.018	VNV4	0.082	VNV8
CB3(N+20.57)	B188	V60X60	202.500	0.018	VNV4	0.079	VNV8
CB3(N+20.57)	B188	V60X60	245.000	0.018	VNV4	0.076	VNV8
CB3(N+20.57)	B188	V60X60	287.500	0.018	VNV4	0.074	VNV8
CB3(N+20.57)	B188	V60X60	330.000	0.018	VNV4	0.071	VNV8
CB3(N+20.57)	B188	V60X60	330.000	0.018	VNV4	0.068	VNV8
CB3(N+20.57)	B188	V60X60	372.500	0.018	VNV4	0.065	VNV8
CB3(N+20.57)	B188	V60X60	415.000	0.018	VNV4	0.063	VNV8
CB3(N+20.57)	B188	V60X60	457.500	0.018	VNV4	0.060	VNV8
CB3(N+20.57)	B188	V60X60	500.000	0.018	VNV4	0.058	VNV8
CB3(N+20.57)	B188	V60X60	500.000	0.018	VNV4	0.054	VNV8
CB3(N+20.57)	B188	V60X60	542.500	0.018	VNV4	0.057	VNV8
CB3(N+20.57)	B188	V60X60	585.000	0.018	VNV4	0.059	VNV8
CB3(N+20.57)	B188	V60X60	627.500	0.018	VNV4	0.062	VNV8
CB3(N+20.57)	B188	V60X60	670.000	0.018	VNV4	0.064	VNV8
CB3(N+20.57)	B188	V60X60	670.000	0.018	VNV4	0.068	VNV8
CB3(N+20.57)	B188	V60X60	712.500	0.018	VNV4	0.070	VNV8
CB3(N+20.57)	B188	V60X60	755.000	0.018	VNV4	0.073	VNV8
CB3(N+20.57)	B188	V60X60	797.500	0.018	VNV4	0.075	VNV8
CB3(N+20.57)	B188	V60X60	840.000	0.018	VNV4	0.078	VNV8
CB3(N+20.57)	B188	V60X60	840.000	0.018	VNV4	0.081	VNV8
CB3(N+20.57)	B188	V60X60	880.000	0.018	VNV4	0.084	VNV8
CB3(N+20.57)	B188	V60X60	920.000	0.018	VNV4	0.086	VNV8
CB3(N+20.57)	B188	V60X60	960.000	0.018	VNV4	0.088	VNV8
CB3(N+20.57)	B188	V60X60	1000.000	0.018	VNV4	0.091	VNV8
CB3(N+20.57)	B189	V60X60	0.000	0.017	VNV4	0.111	VNV16
CB3(N+20.57)	B189	V60X60	50.000	0.017	VNV4	0.106	VNV16
CB3(N+20.57)	B189	V60X60	100.000	0.017	VNV4	0.101	VNV16
CB3(N+20.57)	B189	V60X60	150.000	0.017	VNV4	0.097	VNV16
CB3(N+20.57)	B189	V60X60	200.000	0.017	VNV4	0.092	VNV16
CB3(N+20.57)	B189	V60X60	250.000	0.017	VNV4	0.087	VNV16
CB3(N+20.57)	B189	V60X60	300.000	0.017	VNV4	0.082	VNV16
CB3(N+20.57)	B189	V60X60	350.000	0.017	VNV4	0.077	VNV16
CB3(N+20.57)	B189	V60X60	400.000	0.017	VNV4	0.072	VNV16
CB3(N+20.57)	B189	V60X60	450.000	0.017	VNV4	0.067	VNV16
CB3(N+20.57)	B189	V60X60	500.000	0.017	VNV4	0.063	VNV16
CB3(N+20.57)	B189	V60X60	550.000	0.017	VNV4	0.066	VNV16
CB3(N+20.57)	B189	V60X60	600.000	0.017	VNV4	0.071	VNV16
CB3(N+20.57)	B189	V60X60	650.000	0.017	VNV4	0.076	VNV16
CB3(N+20.57)	B189	V60X60	700.000	0.017	VNV4	0.081	VNV16
CB3(N+20.57)	B189	V60X60	750.000	0.017	VNV4	0.085	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 278 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB3(N+20.57)	B189	V60X60	800.000	0.017	VNV4	0.090	VNV16
CB3(N+20.57)	B189	V60X60	850.000	0.017	VNV4	0.095	VNV16
CB3(N+20.57)	B189	V60X60	900.000	0.017	VNV4	0.100	VNV16
CB3(N+20.57)	B189	V60X60	950.000	0.017	VNV4	0.105	VNV16
CB3(N+20.57)	B189	V60X60	1000.000	0.017	VNV4	0.110	VNV16
CB3(N+20.57)	B270	V60X60	0.000	0.036	VNV4	0.030	VNV8
CB3(N+20.57)	B270	V60X60	10.000	0.036	VNV4	0.030	VNV8
CB3(N+20.57)	B270	V60X60	10.000	0.036	VNV4	0.039	VNV8
CB3(N+20.57)	B270	V60X60	52.500	0.036	VNV4	0.037	VNV8
CB3(N+20.57)	B270	V60X60	95.000	0.036	VNV4	0.034	VNV8
CB3(N+20.57)	B270	V60X60	137.500	0.036	VNV4	0.032	VNV8
CB3(N+20.57)	B270	V60X60	180.000	0.036	VNV4	0.031	VNV16
CB3(N+20.57)	B271	V60X60	0.000	0.000	VNV16	0.012	VNV16
CB3(N+20.57)	B271	V60X60	45.000	0.000	VNV16	0.009	VNV16
CB3(N+20.57)	B271	V60X60	90.000	0.000	VNV16	0.007	VNV16
CB3(N+20.57)	B271	V60X60	135.000	0.000	VNV16	0.008	VNV16
CB3(N+20.57)	B271	V60X60	180.000	0.000	VNV16	0.010	VNV16
CB3(N+20.57)	B272	V60X60	0.000	0.034	VNV4	0.025	VNV8
CB3(N+20.57)	B272	V60X60	10.000	0.034	VNV4	0.025	VNV8
CB3(N+20.57)	B272	V60X60	10.000	0.034	VNV4	0.032	VNV8
CB3(N+20.57)	B272	V60X60	52.500	0.034	VNV4	0.029	VNV8
CB3(N+20.57)	B272	V60X60	95.000	0.034	VNV4	0.027	VNV8
CB3(N+20.57)	B272	V60X60	137.500	0.034	VNV4	0.025	VNV16
CB3(N+20.57)	B272	V60X60	180.000	0.034	VNV4	0.027	VNV8
CB3(N+20.57)	B273	V60X60	0.000	0.000	VNV16	0.012	VNV16
CB3(N+20.57)	B273	V60X60	45.000	0.000	VNV16	0.010	VNV16
CB3(N+20.57)	B273	V60X60	90.000	0.000	VNV16	0.008	VNV16
CB3(N+20.57)	B273	V60X60	135.000	0.000	VNV16	0.008	VNV16
CB3(N+20.57)	B273	V60X60	180.000	0.000	VNV16	0.010	VNV16
CB3(N+20.57)	B274	V60X60	0.000	0.048	VNV8	0.055	VNV8
CB3(N+20.57)	B274	V60X60	40.000	0.048	VNV8	0.057	VNV8
CB3(N+20.57)	B274	V60X60	80.000	0.048	VNV8	0.062	VNV8
CB3(N+20.57)	B274	V60X60	120.000	0.048	VNV8	0.068	VNV8
CB3(N+20.57)	B275	V60X60	0.000	0.028	VNV4	0.018	VNV8
CB3(N+20.57)	B275	V60X60	40.000	0.028	VNV4	0.015	VNV16
CB3(N+20.57)	B275	V60X60	80.000	0.028	VNV4	0.017	VNV8
CB3(N+20.57)	B275	V60X60	120.000	0.028	VNV4	0.020	VNV8
CB3(N+20.57)	B276	V60X60	0.000	0.027	VNV8	0.000	VNV8
CB3(N+20.57)	B276	V60X60	43.333	0.027	VNV8	0.000	VNV8
CB3(N+20.57)	B276	V60X60	86.667	0.027	VNV8	0.000	VNV8
CB3(N+20.57)	B276	V60X60	130.000	0.027	VNV8	0.000	VNV8
CB3(N+20.57)	B276	V60X60	130.000	0.027	VNV8	0.000	VNV8
CB3(N+20.57)	B276	V60X60	171.500	0.027	VNV8	0.000	VNV8
CB3(N+20.57)	B276	V60X60	213.000	0.027	VNV8	0.000	VNV8
CB3(N+20.57)	B276	V60X60	213.000	0.027	VNV8	0.000	VNV8
CB3(N+20.57)	B276	V60X60	230.000	0.027	VNV8	0.000	VNV8
CB3(N+20.57)	B286	V60X60	60.000	0.025	VNV8	0.000	VNV16
CB3(N+20.57)	B286	V60X60	106.000	0.025	VNV8	0.000	VNV16
CB3(N+20.57)	B286	V60X60	152.000	0.025	VNV8	0.000	VNV16
CB3(N+20.57)	B286	V60X60	198.000	0.025	VNV8	0.000	VNV16
CB3(N+20.57)	B286	V60X60	244.000	0.025	VNV8	0.000	VNV16
CB3(N+20.57)	B286	V60X60	290.000	0.025	VNV8	0.000	VNV16
CB3(N+20.57)	B288	V60X60	0.000	0.041	VNV8	0.047	VNV8
CB3(N+20.57)	B288	V60X60	30.000	0.041	VNV8	0.043	VNV8
CB3(N+20.57)	B288	V60X60	60.000	0.041	VNV8	0.045	VNV8
CB3(N+20.57)	B288	V60X60	60.000	0.041	VNV8	0.047	VNV8
CB3(N+20.57)	B288	V60X60	90.000	0.041	VNV8	0.043	VNV8
CB3(N+20.57)	B288	V60X60	120.000	0.041	VNV8	0.045	VNV8
CB3(N+20.57)	B289	V60X60	0.000	0.025	VNV4	0.019	VNV8




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 279 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	B289	V60X60	40.000	0.025	VNV4	0.016	VNV8
CB3(N+20.57)	B289	V60X60	80.000	0.025	VNV4	0.015	VNV8
CB3(N+20.57)	B289	V60X60	120.000	0.025	VNV4	0.018	VNV8
CB2(N+14.60)	B32	V35X60	30.000	0.013	VNV16	0.164	VNV8
CB2(N+14.60)	B32	V35X60	76.250	0.013	VNV16	0.159	VNV8
CB2(N+14.60)	B32	V35X60	122.500	0.013	VNV16	0.155	VNV8
CB2(N+14.60)	B32	V35X60	168.750	0.013	VNV16	0.150	VNV8
CB2(N+14.60)	B32	V35X60	215.000	0.013	VNV16	0.145	VNV8
CB2(N+14.60)	B32	V35X60	261.250	0.013	VNV16	0.140	VNV8
CB2(N+14.60)	B32	V35X60	307.500	0.013	VNV16	0.135	VNV8
CB2(N+14.60)	B32	V35X60	353.750	0.013	VNV16	0.131	VNV8
CB2(N+14.60)	B32	V35X60	400.000	0.013	VNV16	0.126	VNV8
CB2(N+14.60)	B32	V35X60	445.000	0.013	VNV16	0.128	VNV8
CB2(N+14.60)	B32	V35X60	490.000	0.013	VNV16	0.133	VNV8
CB2(N+14.60)	B32	V35X60	490.000	0.013	VNV16	0.137	VNV8
CB2(N+14.60)	B35	V35X60	50.000	0.013	VNV8	0.127	VNV8
CB2(N+14.60)	B35	V35X60	96.000	0.013	VNV8	0.120	VNV8
CB2(N+14.60)	B35	V35X60	142.000	0.013	VNV8	0.113	VNV8
CB2(N+14.60)	B35	V35X60	188.000	0.013	VNV8	0.107	VNV8
CB2(N+14.60)	B35	V35X60	234.000	0.013	VNV8	0.106	VNV8
CB2(N+14.60)	B35	V35X60	280.000	0.013	VNV8	0.113	VNV8
CB2(N+14.60)	B35	V35X60	280.000	0.013	VNV8	0.120	VNV8
CB2(N+14.60)	B35	V35X60	326.000	0.013	VNV8	0.129	VNV8
CB2(N+14.60)	B35	V35X60	372.000	0.013	VNV8	0.137	VNV8
CB2(N+14.60)	B35	V35X60	418.000	0.013	VNV8	0.145	VNV8
CB2(N+14.60)	B35	V35X60	464.000	0.013	VNV8	0.153	VNV8
CB2(N+14.60)	B35	V35X60	510.000	0.013	VNV8	0.161	VNV8
CB2(N+14.60)	B42	V60X60	30.000	0.024	VNV4	0.289	VNV8
CB2(N+14.60)	B42	V60X60	78.000	0.024	VNV4	0.276	VNV8
CB2(N+14.60)	B42	V60X60	126.000	0.024	VNV4	0.264	VNV8
CB2(N+14.60)	B42	V60X60	174.000	0.024	VNV4	0.270	VNV16
CB2(N+14.60)	B42	V60X60	222.000	0.024	VNV4	0.283	VNV8
CB2(N+14.60)	B42	V60X60	270.000	0.024	VNV4	0.295	VNV8
CB2(N+14.60)	B53	V60X60	30.000	0.015	VNV8	0.257	VNV8
CB2(N+14.60)	B53	V60X60	77.500	0.015	VNV8	0.251	VNV8
CB2(N+14.60)	B53	V60X60	125.000	0.015	VNV8	0.254	VNV16
CB2(N+14.60)	B53	V60X60	172.500	0.015	VNV8	0.259	VNV16
CB2(N+14.60)	B53	V60X60	220.000	0.015	VNV8	0.265	VNV8
CB2(N+14.60)	B53	V60X60	220.000	0.015	VNV8	0.277	VNV8
CB2(N+14.60)	B53	V60X60	270.000	0.015	VNV8	0.283	VNV8
CB2(N+14.60)	B59	V60X60	0.000	0.014	VNV8	0.010	VNV8
CB2(N+14.60)	B59	V60X60	40.000	0.014	VNV8	0.007	VNV8
CB2(N+14.60)	B59	V60X60	80.000	0.014	VNV8	0.005	VNV16
CB2(N+14.60)	B59	V60X60	120.000	0.014	VNV8	0.007	VNV8
CB2(N+14.60)	B73	V60X60	0.000	0.015	VNV8	0.011	VNV8
CB2(N+14.60)	B73	V60X60	45.000	0.015	VNV8	0.008	VNV16
CB2(N+14.60)	B73	V60X60	90.000	0.015	VNV8	0.009	VNV8
CB2(N+14.60)	B73	V60X60	135.000	0.015	VNV8	0.012	VNV8
CB2(N+14.60)	B73	V60X60	180.000	0.015	VNV8	0.014	VNV8
CB2(N+14.60)	B75	V60X60	0.000	0.011	VNV8	0.011	VNV8
CB2(N+14.60)	B75	V60X60	45.000	0.011	VNV8	0.008	VNV8
CB2(N+14.60)	B75	V60X60	90.000	0.011	VNV8	0.008	VNV8
CB2(N+14.60)	B75	V60X60	135.000	0.011	VNV8	0.010	VNV8
CB2(N+14.60)	B75	V60X60	180.000	0.011	VNV8	0.013	VNV8
CB2(N+14.60)	B157	V60X60	0.000	0.011	VNV4	0.104	VNV16
CB2(N+14.60)	B157	V60X60	50.000	0.011	VNV4	0.099	VNV16
CB2(N+14.60)	B157	V60X60	100.000	0.011	VNV4	0.094	VNV16
CB2(N+14.60)	B157	V60X60	150.000	0.011	VNV4	0.089	VNV16
CB2(N+14.60)	B157	V60X60	200.000	0.011	VNV4	0.084	VNV16
CB2(N+14.60)	B157	V60X60	250.000	0.011	VNV4	0.079	VNV16
CB2(N+14.60)	B157	V60X60	300.000	0.011	VNV4	0.075	VNV16




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 280 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB2(N+14.60)	B157	V60X60	350.000	0.011	VNV4	0.070	VNV16
CB2(N+14.60)	B157	V60X60	400.000	0.011	VNV4	0.065	VNV16
CB2(N+14.60)	B157	V60X60	450.000	0.011	VNV4	0.060	VNV16
CB2(N+14.60)	B157	V60X60	500.000	0.011	VNV4	0.055	VNV16
CB2(N+14.60)	B157	V60X60	550.000	0.011	VNV4	0.060	VNV16
CB2(N+14.60)	B157	V60X60	600.000	0.011	VNV4	0.065	VNV16
CB2(N+14.60)	B157	V60X60	650.000	0.011	VNV4	0.070	VNV16
CB2(N+14.60)	B157	V60X60	700.000	0.011	VNV4	0.074	VNV16
CB2(N+14.60)	B157	V60X60	750.000	0.011	VNV4	0.079	VNV16
CB2(N+14.60)	B157	V60X60	800.000	0.011	VNV4	0.084	VNV16
CB2(N+14.60)	B157	V60X60	850.000	0.011	VNV4	0.089	VNV16
CB2(N+14.60)	B157	V60X60	900.000	0.011	VNV4	0.094	VNV16
CB2(N+14.60)	B157	V60X60	950.000	0.011	VNV4	0.099	VNV16
CB2(N+14.60)	B157	V60X60	1000.000	0.011	VNV4	0.103	VNV16
CB2(N+14.60)	B188	V60X60	0.000	0.008	VNV4	0.103	VNV16
CB2(N+14.60)	B188	V60X60	50.000	0.008	VNV4	0.098	VNV16
CB2(N+14.60)	B188	V60X60	100.000	0.008	VNV4	0.093	VNV16
CB2(N+14.60)	B188	V60X60	150.000	0.008	VNV4	0.088	VNV16
CB2(N+14.60)	B188	V60X60	200.000	0.008	VNV4	0.084	VNV16
CB2(N+14.60)	B188	V60X60	250.000	0.008	VNV4	0.079	VNV16
CB2(N+14.60)	B188	V60X60	300.000	0.008	VNV4	0.074	VNV16
CB2(N+14.60)	B188	V60X60	350.000	0.008	VNV4	0.069	VNV16
CB2(N+14.60)	B188	V60X60	400.000	0.008	VNV4	0.064	VNV16
CB2(N+14.60)	B188	V60X60	450.000	0.008	VNV4	0.059	VNV16
CB2(N+14.60)	B188	V60X60	500.000	0.008	VNV4	0.055	VNV16
CB2(N+14.60)	B188	V60X60	550.000	0.008	VNV4	0.059	VNV16
CB2(N+14.60)	B188	V60X60	600.000	0.008	VNV4	0.064	VNV16
CB2(N+14.60)	B188	V60X60	650.000	0.008	VNV4	0.069	VNV16
CB2(N+14.60)	B188	V60X60	700.000	0.008	VNV4	0.074	VNV16
CB2(N+14.60)	B188	V60X60	750.000	0.008	VNV4	0.079	VNV16
CB2(N+14.60)	B188	V60X60	800.000	0.008	VNV4	0.083	VNV16
CB2(N+14.60)	B188	V60X60	850.000	0.008	VNV4	0.088	VNV16
CB2(N+14.60)	B188	V60X60	900.000	0.008	VNV4	0.093	VNV16
CB2(N+14.60)	B188	V60X60	950.000	0.008	VNV4	0.098	VNV16
CB2(N+14.60)	B188	V60X60	1000.000	0.008	VNV4	0.103	VNV16
CB2(N+14.60)	B270	V60X60	0.000	0.000	VNV16	0.015	VNV8
CB2(N+14.60)	B270	V60X60	45.000	0.000	VNV16	0.013	VNV8
CB2(N+14.60)	B270	V60X60	90.000	0.000	VNV16	0.010	VNV8
CB2(N+14.60)	B270	V60X60	135.000	0.000	VNV16	0.011	VNV8
CB2(N+14.60)	B270	V60X60	180.000	0.000	VNV16	0.014	VNV8
CB2(N+14.60)	B272	V60X60	0.000	0.000	VNV16	0.015	VNV8
CB2(N+14.60)	B272	V60X60	45.000	0.000	VNV16	0.013	VNV8
CB2(N+14.60)	B272	V60X60	90.000	0.000	VNV16	0.010	VNV8
CB2(N+14.60)	B272	V60X60	135.000	0.000	VNV16	0.012	VNV8
CB2(N+14.60)	B272	V60X60	180.000	0.000	VNV16	0.014	VNV8
CB2(N+14.60)	B274	V60X60	0.000	0.014	VNV8	0.013	VNV8
CB2(N+14.60)	B274	V60X60	40.000	0.014	VNV8	0.010	VNV16
CB2(N+14.60)	B274	V60X60	80.000	0.014	VNV8	0.012	VNV8
CB2(N+14.60)	B274	V60X60	120.000	0.014	VNV8	0.015	VNV8
CB2(N+14.60)	B288	V60X60	0.000	0.012	VNV8	0.015	VNV8
CB2(N+14.60)	B288	V60X60	40.000	0.012	VNV8	0.012	VNV8
CB2(N+14.60)	B288	V60X60	80.000	0.012	VNV8	0.010	VNV8
CB2(N+14.60)	B288	V60X60	120.000	0.012	VNV8	0.013	VNV8
CB2(N+14.60)	B296	V60X60	0.000	0.024	VNV4	0.307	VNV8
CB2(N+14.60)	B296	V60X60	48.000	0.024	VNV4	0.293	VNV8
CB2(N+14.60)	B296	V60X60	96.000	0.024	VNV4	0.280	VNV8
CB2(N+14.60)	B296	V60X60	144.000	0.024	VNV4	0.266	VNV8
CB2(N+14.60)	B296	V60X60	192.000	0.024	VNV4	0.269	VNV8
CB2(N+14.60)	B296	V60X60	240.000	0.024	VNV4	0.283	VNV8
CB2(N+14.60)	B296	V60X60	240.000	0.024	VNV4	0.283	VNV8
CB2(N+14.60)	B296	V60X60	273.753	0.024	VNV4	0.292	VNV8
CB2(N+14.60)	B296	V60X60	307.507	0.024	VNV4	0.301	VNV8
CB2(N+14.60)	B296	V60X60	341.260	0.024	VNV4	0.310	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 281 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB2(N+14.60)	B297	V60X60	0.000	0.023	VNV4	0.299	VNV8
CB2(N+14.60)	B297	V60X60	48.000	0.023	VNV4	0.285	VNV8
CB2(N+14.60)	B297	V60X60	96.000	0.023	VNV4	0.271	VNV8
CB2(N+14.60)	B297	V60X60	144.000	0.023	VNV4	0.257	VNV8
CB2(N+14.60)	B297	V60X60	192.000	0.023	VNV4	0.249	VNV16
CB2(N+14.60)	B297	V60X60	240.000	0.023	VNV4	0.262	VNV8
CB2(N+14.60)	B297	V60X60	240.000	0.023	VNV4	0.262	VNV8
CB2(N+14.60)	B297	V60X60	273.753	0.023	VNV4	0.272	VNV8
CB2(N+14.60)	B297	V60X60	307.507	0.023	VNV4	0.281	VNV8
CB2(N+14.60)	B297	V60X60	341.260	0.023	VNV4	0.290	VNV8
CB2(N+14.60)	B307	V40X60	0.000	0.046	VNV4	0.027	VNV8
CB2(N+14.60)	B307	V40X60	44.364	0.046	VNV4	0.025	VNV8
CB2(N+14.60)	B307	V40X60	88.727	0.046	VNV4	0.026	VNV8
CB2(N+14.60)	B307	V40X60	133.091	0.046	VNV4	0.027	VNV8
CB2(N+14.60)	B308	V40X60	0.000	0.037	VNV4	0.163	VNV8
CB2(N+14.60)	B308	V40X60	41.057	0.037	VNV4	0.162	VNV8
CB2(N+14.60)	B308	V40X60	82.114	0.037	VNV4	0.160	VNV8
CB2(N+14.60)	B308	V40X60	123.171	0.037	VNV4	0.158	VNV8
CB2(N+14.60)	B308	V40X60	164.227	0.037	VNV4	0.157	VNV8
CB2(N+14.60)	B308	V40X60	205.284	0.037	VNV4	0.155	VNV8
CB2(N+14.60)	B310	V40X60	0.000	0.036	VNV4	0.112	VNV4
CB2(N+14.60)	B310	V40X60	41.057	0.036	VNV4	0.114	VNV4
CB2(N+14.60)	B310	V40X60	82.114	0.036	VNV4	0.116	VNV4
CB2(N+14.60)	B310	V40X60	123.171	0.036	VNV4	0.118	VNV4
CB2(N+14.60)	B310	V40X60	164.228	0.036	VNV4	0.120	VNV4
CB2(N+14.60)	B310	V40X60	205.285	0.036	VNV4	0.122	VNV4
CB2(N+14.60)	B310	V40X60	205.285	0.044	VNV4	0.037	VNV8
CB2(N+14.60)	B310	V40X60	249.648	0.044	VNV4	0.035	VNV8
CB2(N+14.60)	B310	V40X60	294.012	0.044	VNV4	0.035	VNV8
CB2(N+14.60)	B310	V40X60	338.375	0.044	VNV4	0.037	VNV8
CB2(N+14.60)	B321	V20X60	0.000	0.000	VNV16	0.020	VNV8
CB2(N+14.60)	B321	V20X60	46.364	0.000	VNV16	0.013	VNV8
CB2(N+14.60)	B321	V20X60	92.727	0.000	VNV16	0.007	VNV8
CB2(N+14.60)	B321	V20X60	139.091	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B321	V20X60	185.454	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B321	V20X60	231.818	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B321	V20X60	278.182	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B321	V20X60	324.545	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B321	V20X60	370.909	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B321	V20X60	417.273	0.000	VNV16	0.008	VNV8
CB2(N+14.60)	B321	V20X60	463.636	0.000	VNV16	0.018	VNV8
CB2(N+14.60)	B321	V20X60	510.000	0.000	VNV16	0.028	VNV8
CB2(N+14.60)	B323	V20X60	0.000	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	36.873	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	73.746	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	110.619	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	110.619	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	138.793	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	138.793	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	183.574	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	228.356	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	273.137	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	273.137	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	315.138	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	357.140	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	399.141	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	399.141	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	435.656	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	435.656	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	474.807	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	513.958	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B323	V20X60	553.109	0.000	VNV16	0.000	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 282 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB2(N+14.60)	B324	V20X60	0.000	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	39.151	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	78.303	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	117.454	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	117.454	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	158.084	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	198.713	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	239.343	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	279.973	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	279.973	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	317.430	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	354.888	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	354.888	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	398.689	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	442.491	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	442.491	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	484.851	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	527.211	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	527.211	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B324	V20X60	553.110	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B326	V20X60	0.000	0.000	VNV16	0.028	VNV8
CB2(N+14.60)	B326	V20X60	46.364	0.000	VNV16	0.018	VNV8
CB2(N+14.60)	B326	V20X60	92.727	0.000	VNV16	0.008	VNV8
CB2(N+14.60)	B326	V20X60	139.091	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B326	V20X60	185.455	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B326	V20X60	231.818	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B326	V20X60	278.182	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B326	V20X60	324.545	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B326	V20X60	370.909	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B326	V20X60	417.273	0.000	VNV16	0.006	VNV8
CB2(N+14.60)	B326	V20X60	463.636	0.000	VNV16	0.013	VNV8
CB2(N+14.60)	B326	V20X60	510.000	0.000	VNV16	0.020	VNV8
CB2(N+14.60)	B339	V20X60	0.000	0.000	VNV16	0.010	VNV8
CB2(N+14.60)	B339	V20X60	48.534	0.000	VNV16	0.009	VNV8
CB2(N+14.60)	B339	V20X60	97.068	0.000	VNV16	0.008	VNV8
CB2(N+14.60)	B339	V20X60	145.602	0.000	VNV16	0.007	VNV8
CB2(N+14.60)	B339	V20X60	194.137	0.000	VNV16	0.008	VNV8
CB2(N+14.60)	B339	V20X60	242.671	0.000	VNV16	0.009	VNV8
CB2(N+14.60)	B339	V20X60	291.205	0.000	VNV16	0.010	VNV8
CB2(N+14.60)	B340	V20X60	0.000	0.000	VNV16	0.011	VNV8
CB2(N+14.60)	B340	V20X60	48.534	0.000	VNV16	0.010	VNV8
CB2(N+14.60)	B340	V20X60	97.068	0.000	VNV16	0.009	VNV8
CB2(N+14.60)	B340	V20X60	145.603	0.000	VNV16	0.008	VNV8
CB2(N+14.60)	B340	V20X60	194.137	0.000	VNV16	0.008	VNV8
CB2(N+14.60)	B340	V20X60	242.671	0.000	VNV16	0.009	VNV8
CB2(N+14.60)	B340	V20X60	291.205	0.000	VNV16	0.010	VNV8
CB2(N+14.60)	B347	V20X60	0.000	0.000	VNV16	0.041	VNV8
CB2(N+14.60)	B347	V20X60	50.000	0.000	VNV16	0.035	VNV8
CB2(N+14.60)	B347	V20X60	100.000	0.000	VNV16	0.041	VNV8
CB2(N+14.60)	B350	V20X60	0.000	0.000	VNV16	0.039	VNV8
CB2(N+14.60)	B350	V20X60	50.000	0.000	VNV16	0.033	VNV8
CB2(N+14.60)	B350	V20X60	100.000	0.000	VNV16	0.039	VNV8
CB2(N+14.60)	B353	V20X60	13.876	0.000	VNV16	0.015	VNV8
CB2(N+14.60)	B353	V20X60	63.424	0.000	VNV16	0.012	VNV16
CB2(N+14.60)	B353	V20X60	112.971	0.000	VNV16	0.017	VNV8
CB2(N+14.60)	B353	V20X60	162.518	0.000	VNV16	0.023	VNV8
CB2(N+14.60)	B353	V20X60	162.518	0.000	VNV16	0.015	VNV8
CB2(N+14.60)	B353	V20X60	188.468	0.000	VNV16	0.013	VNV8
CB2(N+14.60)	B353	V20X60	214.418	0.000	VNV16	0.016	VNV8
CB2(N+14.60)	B354	V20X60	0.000	0.000	VNV16	0.016	VNV8
CB2(N+14.60)	B354	V20X60	25.950	0.000	VNV16	0.013	VNV8
CB2(N+14.60)	B354	V20X60	51.900	0.000	VNV16	0.015	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 283 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B354	V20X60	51.900	0.000	VNV16	0.023	VNV8
CB2(N+14.60)	B354	V20X60	101.447	0.000	VNV16	0.017	VNV8
CB2(N+14.60)	B354	V20X60	150.994	0.000	VNV16	0.013	VNV16
CB2(N+14.60)	B354	V20X60	200.542	0.000	VNV16	0.015	VNV8
CB2(N+14.60)	B357	V60X60	0.000	0.000	VNV16	0.018	VNV8
CB2(N+14.60)	B357	V60X60	44.229	0.000	VNV16	0.014	VNV8
CB2(N+14.60)	B357	V60X60	88.459	0.000	VNV16	0.011	VNV8
CB2(N+14.60)	B357	V60X60	132.688	0.000	VNV16	0.014	VNV8
CB2(N+14.60)	B357	V60X60	176.917	0.000	VNV16	0.017	VNV8
CB2(N+14.60)	B357	V60X60	221.146	0.000	VNV16	0.020	VNV8
CB2(N+14.60)	B358	V60X60	8.853	0.000	VNV16	0.021	VNV8
CB2(N+14.60)	B358	V60X60	53.083	0.000	VNV16	0.018	VNV8
CB2(N+14.60)	B358	V60X60	97.312	0.000	VNV16	0.015	VNV8
CB2(N+14.60)	B358	V60X60	141.541	0.000	VNV16	0.011	VNV8
CB2(N+14.60)	B358	V60X60	185.771	0.000	VNV16	0.014	VNV8
CB2(N+14.60)	B358	V60X60	230.000	0.000	VNV16	0.018	VNV8
CB2(N+14.60)	B406	V40X60	15.000	0.000	VNV16	0.073	VNV8
CB2(N+14.60)	B406	V40X60	55.736	0.000	VNV16	0.071	VNV8
CB2(N+14.60)	B406	V40X60	96.472	0.000	VNV16	0.069	VNV8
CB2(N+14.60)	B406	V40X60	137.207	0.000	VNV16	0.068	VNV8
CB2(N+14.60)	B406	V40X60	137.207	0.000	VNV16	0.061	VNV8
CB2(N+14.60)	B406	V40X60	182.943	0.000	VNV16	0.059	VNV8
CB2(N+14.60)	B406	V40X60	228.679	0.000	VNV16	0.057	VNV8
CB2(N+14.60)	B406	V40X60	274.415	0.000	VNV16	0.056	VNV8
CB2(N+14.60)	B406	V40X60	274.415	0.000	VNV16	0.049	VNV8
CB2(N+14.60)	B406	V40X60	320.151	0.000	VNV16	0.047	VNV8
CB2(N+14.60)	B406	V40X60	365.887	0.000	VNV16	0.045	VNV8
CB2(N+14.60)	B406	V40X60	411.623	0.000	VNV16	0.044	VNV16
CB2(N+14.60)	B406	V40X60	411.623	0.000	VNV16	0.050	VNV8
CB2(N+14.60)	B406	V40X60	457.359	0.000	VNV16	0.052	VNV8
CB2(N+14.60)	B406	V40X60	503.094	0.000	VNV16	0.054	VNV8
CB2(N+14.60)	B406	V40X60	548.830	0.000	VNV16	0.056	VNV8
CB2(N+14.60)	B406	V40X60	548.830	0.000	VNV16	0.062	VNV8
CB2(N+14.60)	B406	V40X60	594.566	0.000	VNV16	0.064	VNV8
CB2(N+14.60)	B406	V40X60	640.302	0.000	VNV16	0.066	VNV8
CB2(N+14.60)	B406	V40X60	686.038	0.000	VNV16	0.068	VNV8
CB2(N+14.60)	B410	V40X60	15.000	0.000	VNV16	0.074	VNV8
CB2(N+14.60)	B410	V40X60	55.736	0.000	VNV16	0.073	VNV8
CB2(N+14.60)	B410	V40X60	96.472	0.000	VNV16	0.071	VNV8
CB2(N+14.60)	B410	V40X60	137.208	0.000	VNV16	0.069	VNV8
CB2(N+14.60)	B410	V40X60	137.208	0.000	VNV16	0.063	VNV8
CB2(N+14.60)	B410	V40X60	182.944	0.000	VNV16	0.061	VNV8
CB2(N+14.60)	B410	V40X60	228.679	0.000	VNV16	0.059	VNV8
CB2(N+14.60)	B410	V40X60	274.415	0.000	VNV16	0.057	VNV8
CB2(N+14.60)	B410	V40X60	274.415	0.000	VNV16	0.051	VNV8
CB2(N+14.60)	B410	V40X60	320.151	0.000	VNV16	0.049	VNV8
CB2(N+14.60)	B410	V40X60	365.887	0.000	VNV16	0.047	VNV8
CB2(N+14.60)	B410	V40X60	411.623	0.000	VNV16	0.045	VNV8
CB2(N+14.60)	B410	V40X60	411.623	0.000	VNV16	0.050	VNV8
CB2(N+14.60)	B410	V40X60	457.359	0.000	VNV16	0.051	VNV8
CB2(N+14.60)	B410	V40X60	503.094	0.000	VNV16	0.053	VNV8
CB2(N+14.60)	B410	V40X60	548.830	0.000	VNV16	0.055	VNV8
CB2(N+14.60)	B410	V40X60	548.830	0.000	VNV16	0.062	VNV8
CB2(N+14.60)	B410	V40X60	594.566	0.000	VNV16	0.063	VNV8
CB2(N+14.60)	B410	V40X60	640.302	0.000	VNV16	0.065	VNV8
CB2(N+14.60)	B410	V40X60	686.038	0.000	VNV16	0.067	VNV8
CB2(N+14.60)	B436	V40X60	0.000	0.056	VNV8	0.012	VNV8
CB2(N+14.60)	B436	V40X60	38.424	0.056	VNV8	0.010	VNV8
CB2(N+14.60)	B436	V40X60	76.847	0.056	VNV8	0.008	VNV8
CB2(N+14.60)	B436	V40X60	115.271	0.056	VNV8	0.010	VNV8
CB2(N+14.60)	B436	V40X60	153.694	0.056	VNV8	0.012	VNV8
CB2(N+14.60)	B437	V40X60	0.000	0.000	VNV16	0.122	VNV16
CB2(N+14.60)	B437	V40X60	46.160	0.000	VNV16	0.121	VNV8


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 284 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B437	V40X60	92.319	0.000	VNV16	0.123	VNV8
CB2(N+14.60)	B437	V40X60	138.479	0.000	VNV16	0.125	VNV8
CB2(N+14.60)	B437	V40X60	184.639	0.000	VNV16	0.128	VNV8
CB2(N+14.60)	B437	V40X60	230.798	0.000	VNV16	0.130	VNV8
CB2(N+14.60)	B437	V40X60	276.958	0.000	VNV16	0.132	VNV8
CB2(N+14.60)	B437	V40X60	323.117	0.000	VNV16	0.135	VNV8
CB2(N+14.60)	B437	V40X60	369.277	0.000	VNV16	0.137	VNV8
CB2(N+14.60)	B437	V40X60	415.437	0.000	VNV16	0.139	VNV8
CB2(N+14.60)	B440	V40X60	0.000	0.000	VNV16	0.061	VNV8
CB2(N+14.60)	B440	V40X60	46.630	0.000	VNV16	0.055	VNV8
CB2(N+14.60)	B440	V40X60	93.261	0.000	VNV16	0.048	VNV8
CB2(N+14.60)	B440	V40X60	139.891	0.000	VNV16	0.041	VNV8
CB2(N+14.60)	B440	V40X60	186.521	0.000	VNV16	0.035	VNV8
CB2(N+14.60)	B440	V40X60	233.151	0.000	VNV16	0.028	VNV8
CB2(N+14.60)	B440	V40X60	279.782	0.000	VNV16	0.021	VNV8
CB2(N+14.60)	B440	V40X60	326.412	0.000	VNV16	0.015	VNV8
CB2(N+14.60)	B440	V40X60	373.042	0.000	VNV16	0.008	VNV8
CB2(N+14.60)	B440	V40X60	419.672	0.000	VNV16	0.001	VNV8
CB2(N+14.60)	B440	V40X60	466.303	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B440	V40X60	512.933	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B440	V40X60	559.563	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B440	V40X60	559.563	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B440	V40X60	606.194	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B440	V40X60	652.824	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B440	V40X60	699.454	0.000	VNV16	0.002	VNV8
CB2(N+14.60)	B440	V40X60	746.084	0.000	VNV16	0.008	VNV8
CB2(N+14.60)	B440	V40X60	792.715	0.000	VNV16	0.015	VNV8
CB2(N+14.60)	B440	V40X60	839.345	0.000	VNV16	0.022	VNV8
CB2(N+14.60)	B440	V40X60	885.975	0.000	VNV16	0.028	VNV8
CB2(N+14.60)	B440	V40X60	932.605	0.000	VNV16	0.035	VNV8
CB2(N+14.60)	B440	V40X60	979.236	0.000	VNV16	0.042	VNV8
CB2(N+14.60)	B440	V40X60	1025.866	0.000	VNV16	0.048	VNV8
CB2(N+14.60)	B440	V40X60	1072.496	0.000	VNV16	0.055	VNV8
CB2(N+14.60)	B440	V40X60	1119.126	0.000	VNV16	0.062	VNV8
CB2(N+14.60)	B443	V40X60	0.000	0.000	VNV16	0.131	VNV8
CB2(N+14.60)	B443	V40X60	46.160	0.000	VNV16	0.129	VNV8
CB2(N+14.60)	B443	V40X60	92.319	0.000	VNV16	0.126	VNV8
CB2(N+14.60)	B443	V40X60	138.479	0.000	VNV16	0.124	VNV8
CB2(N+14.60)	B443	V40X60	184.639	0.000	VNV16	0.122	VNV8
CB2(N+14.60)	B443	V40X60	230.798	0.000	VNV16	0.119	VNV8
CB2(N+14.60)	B443	V40X60	276.958	0.000	VNV16	0.117	VNV8
CB2(N+14.60)	B443	V40X60	323.118	0.000	VNV16	0.117	VNV16
CB2(N+14.60)	B443	V40X60	369.277	0.000	VNV16	0.118	VNV8
CB2(N+14.60)	B443	V40X60	415.437	0.000	VNV16	0.121	VNV8
CB2(N+14.60)	B444	V40X60	0.000	0.053	VNV8	0.012	VNV8
CB2(N+14.60)	B444	V40X60	38.424	0.053	VNV8	0.010	VNV8
CB2(N+14.60)	B444	V40X60	76.848	0.053	VNV8	0.008	VNV8
CB2(N+14.60)	B444	V40X60	115.271	0.053	VNV8	0.010	VNV8
CB2(N+14.60)	B444	V40X60	153.695	0.053	VNV8	0.012	VNV8
CB2(N+14.60)	B449	V60X60	0.000	0.071	VNV4	0.012	VNV8
CB2(N+14.60)	B449	V60X60	38.827	0.071	VNV4	0.010	VNV8
CB2(N+14.60)	B449	V60X60	77.654	0.071	VNV4	0.007	VNV8
CB2(N+14.60)	B449	V60X60	116.481	0.071	VNV4	0.009	VNV8
CB2(N+14.60)	B449	V60X60	155.308	0.071	VNV4	0.012	VNV8
CB2(N+14.60)	B450	V60X60	0.000	0.074	VNV4	0.012	VNV8
CB2(N+14.60)	B450	V60X60	38.827	0.074	VNV4	0.009	VNV8
CB2(N+14.60)	B450	V60X60	77.654	0.074	VNV4	0.007	VNV8
CB2(N+14.60)	B450	V60X60	116.481	0.074	VNV4	0.009	VNV8
CB2(N+14.60)	B450	V60X60	155.308	0.074	VNV4	0.012	VNV8
CB2(N+14.60)	B462	V60X60	0.000	0.000	VNV16	0.132	VNV8
CB2(N+14.60)	B462	V60X60	48.161	0.000	VNV16	0.120	VNV8
CB2(N+14.60)	B462	V60X60	96.322	0.000	VNV16	0.106	VNV8
CB2(N+14.60)	B462	V60X60	144.483	0.000	VNV16	0.092	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 285 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB2(N+14.60)	B462	V60X60	192.644	0.000	VNV16	0.078	VNV8
CB2(N+14.60)	B462	V60X60	240.805	0.000	VNV16	0.064	VNV8
CB2(N+14.60)	B462	V60X60	288.966	0.000	VNV16	0.050	VNV8
CB2(N+14.60)	B462	V60X60	337.127	0.000	VNV16	0.035	VNV8
CB2(N+14.60)	B462	V60X60	385.288	0.000	VNV16	0.021	VNV8
CB2(N+14.60)	B462	V60X60	433.449	0.000	VNV16	0.007	VNV8
CB2(N+14.60)	B462	V60X60	481.610	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B462	V60X60	529.771	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B462	V60X60	577.932	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B462	V60X60	626.093	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B462	V60X60	674.254	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B462	V60X60	722.415	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B462	V60X60	770.576	0.000	VNV16	0.008	VNV8
CB2(N+14.60)	B462	V60X60	818.737	0.000	VNV16	0.022	VNV8
CB2(N+14.60)	B462	V60X60	866.897	0.000	VNV16	0.036	VNV8
CB2(N+14.60)	B462	V60X60	915.058	0.000	VNV16	0.050	VNV8
CB2(N+14.60)	B462	V60X60	963.219	0.000	VNV16	0.064	VNV8
CB2(N+14.60)	B462	V60X60	1011.380	0.000	VNV16	0.078	VNV8
CB2(N+14.60)	B462	V60X60	1059.541	0.000	VNV16	0.093	VNV8
CB2(N+14.60)	B462	V60X60	1107.702	0.000	VNV16	0.107	VNV8
CB2(N+14.60)	B462	V60X60	1155.863	0.000	VNV16	0.121	VNV8
CB2(N+14.60)	B462	V60X60	1204.024	0.000	VNV16	0.133	VNV8
CB2(N+14.60)	B483	V60X60	30.000	0.078	VNV4	0.151	VNV8
CB2(N+14.60)	B483	V60X60	77.428	0.078	VNV4	0.154	VNV8
CB2(N+14.60)	B483	V60X60	124.857	0.078	VNV4	0.158	VNV8
CB2(N+14.60)	B483	V60X60	172.285	0.078	VNV4	0.161	VNV8
CB2(N+14.60)	B483	V60X60	219.714	0.078	VNV4	0.164	VNV8
CB2(N+14.60)	B483	V60X60	267.143	0.078	VNV4	0.168	VNV8
CB2(N+14.60)	B483	V60X60	314.571	0.078	VNV4	0.172	VNV8
CB2(N+14.60)	B483	V60X60	362.000	0.078	VNV4	0.176	VNV8
CB2(N+14.60)	B484	V60X60	0.000	0.078	VNV4	0.162	VNV8
CB2(N+14.60)	B484	V60X60	47.429	0.078	VNV4	0.158	VNV8
CB2(N+14.60)	B484	V60X60	94.857	0.078	VNV4	0.155	VNV8
CB2(N+14.60)	B484	V60X60	142.286	0.078	VNV4	0.151	VNV8
CB2(N+14.60)	B484	V60X60	189.714	0.078	VNV4	0.147	VNV8
CB2(N+14.60)	B484	V60X60	237.143	0.078	VNV4	0.144	VNV8
CB2(N+14.60)	B484	V60X60	284.572	0.078	VNV4	0.141	VNV8
CB2(N+14.60)	B484	V60X60	332.000	0.078	VNV4	0.138	VNV8
CB2(N+14.60)	B490	V60X60	20.302	0.000	VNV16	0.059	VNV4
CB2(N+14.60)	B490	V60X60	70.072	0.000	VNV16	0.050	VNV8
CB2(N+14.60)	B490	V60X60	119.842	0.000	VNV16	0.040	VNV8
CB2(N+14.60)	B490	V60X60	169.613	0.000	VNV16	0.030	VNV8
CB2(N+14.60)	B490	V60X60	219.383	0.000	VNV16	0.020	VNV8
CB2(N+14.60)	B490	V60X60	269.153	0.000	VNV16	0.010	VNV8
CB2(N+14.60)	B490	V60X60	318.924	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	368.694	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	418.464	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	468.235	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	518.005	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	567.775	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	617.546	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	667.316	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	717.086	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	766.857	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	816.627	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	866.397	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	916.168	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	965.938	0.000	VNV16	0.000	VNV16
CB2(N+14.60)	B490	V60X60	1015.708	0.000	VNV16	4.113E-04	VNV8
CB2(N+14.60)	B490	V60X60	1065.479	0.000	VNV16	0.010	VNV8
CB2(N+14.60)	B490	V60X60	1115.249	0.000	VNV16	0.020	VNV8
CB2(N+14.60)	B490	V60X60	1165.019	0.000	VNV16	0.030	VNV8
CB2(N+14.60)	B490	V60X60	1214.790	0.000	VNV16	0.040	VNV8
CB2(N+14.60)	B490	V60X60	1264.560	0.000	VNV16	0.051	VNV8
CB2(N+14.60)	B490	V60X60	1314.330	0.000	VNV16	0.060	VNV4




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 286 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B1	V60X60	0.000	0.053	VNV8	0.021	VNV8
CB1(N+11.30)	B1	V60X60	45.000	0.053	VNV8	0.017	VNV8
CB1(N+11.30)	B1	V60X60	90.000	0.053	VNV8	0.014	VNV8
CB1(N+11.30)	B1	V60X60	135.000	0.053	VNV8	0.018	VNV8
CB1(N+11.30)	B1	V60X60	180.000	0.053	VNV8	0.022	VNV8
CB1(N+11.30)	B2	V60X60	0.000	0.032	VNV8	0.362	VNV8
CB1(N+11.30)	B2	V60X60	47.143	0.032	VNV8	0.357	VNV8
CB1(N+11.30)	B2	V60X60	94.286	0.032	VNV8	0.353	VNV8
CB1(N+11.30)	B2	V60X60	141.429	0.032	VNV8	0.348	VNV8
CB1(N+11.30)	B2	V60X60	188.571	0.032	VNV8	0.344	VNV8
CB1(N+11.30)	B2	V60X60	235.714	0.032	VNV8	0.344	VNV8
CB1(N+11.30)	B2	V60X60	282.857	0.032	VNV8	0.349	VNV8
CB1(N+11.30)	B2	V60X60	330.000	0.032	VNV8	0.353	VNV8
CB1(N+11.30)	B3	V60X60	30.000	0.024	VNV8	0.148	VNV16
CB1(N+11.30)	B3	V60X60	80.000	0.024	VNV8	0.145	VNV16
CB1(N+11.30)	B3	V60X60	130.000	0.024	VNV8	0.141	VNV16
CB1(N+11.30)	B3	V60X60	180.000	0.024	VNV8	0.137	VNV16
CB1(N+11.30)	B3	V60X60	230.000	0.024	VNV8	0.134	VNV16
CB1(N+11.30)	B3	V60X60	280.000	0.024	VNV8	0.130	VNV16
CB1(N+11.30)	B3	V60X60	280.000	0.024	VNV8	0.127	VNV16
CB1(N+11.30)	B3	V60X60	325.714	0.024	VNV8	0.131	VNV16
CB1(N+11.30)	B3	V60X60	371.429	0.024	VNV8	0.135	VNV16
CB1(N+11.30)	B3	V60X60	417.143	0.024	VNV8	0.140	VNV16
CB1(N+11.30)	B3	V60X60	462.857	0.024	VNV8	0.144	VNV16
CB1(N+11.30)	B3	V60X60	508.571	0.024	VNV8	0.149	VNV16
CB1(N+11.30)	B3	V60X60	554.286	0.024	VNV8	0.153	VNV16
CB1(N+11.30)	B3	V60X60	600.000	0.024	VNV8	0.157	VNV16
CB1(N+11.30)	B4	V60X60	30.000	0.022	VNV8	0.151	VNV16
CB1(N+11.30)	B4	V60X60	79.286	0.022	VNV8	0.146	VNV16
CB1(N+11.30)	B4	V60X60	128.571	0.022	VNV8	0.141	VNV16
CB1(N+11.30)	B4	V60X60	177.857	0.022	VNV8	0.137	VNV16
CB1(N+11.30)	B4	V60X60	227.143	0.022	VNV8	0.132	VNV16
CB1(N+11.30)	B4	V60X60	276.429	0.022	VNV8	0.127	VNV16
CB1(N+11.30)	B4	V60X60	325.714	0.022	VNV8	0.122	VNV16
CB1(N+11.30)	B4	V60X60	375.000	0.022	VNV8	0.118	VNV16
CB1(N+11.30)	B4	V60X60	375.000	0.022	VNV8	0.130	VNV16
CB1(N+11.30)	B4	V60X60	420.000	0.022	VNV8	0.133	VNV16
CB1(N+11.30)	B4	V60X60	465.000	0.022	VNV8	0.137	VNV16
CB1(N+11.30)	B4	V60X60	510.000	0.022	VNV8	0.140	VNV16
CB1(N+11.30)	B4	V60X60	555.000	0.022	VNV8	0.143	VNV16
CB1(N+11.30)	B4	V60X60	600.000	0.022	VNV8	0.146	VNV16
CB1(N+11.30)	B5	V60X60	30.000	0.032	VNV8	0.377	VNV8
CB1(N+11.30)	B5	V60X60	78.000	0.032	VNV8	0.366	VNV8
CB1(N+11.30)	B5	V60X60	126.000	0.032	VNV8	0.356	VNV8
CB1(N+11.30)	B5	V60X60	174.000	0.032	VNV8	0.345	VNV8
CB1(N+11.30)	B5	V60X60	222.000	0.032	VNV8	0.342	VNV8
CB1(N+11.30)	B5	V60X60	270.000	0.032	VNV8	0.353	VNV8
CB1(N+11.30)	B5	V60X60	270.000	0.032	VNV8	0.375	VNV8
CB1(N+11.30)	B5	V60X60	315.000	0.032	VNV8	0.379	VNV8
CB1(N+11.30)	B5	V60X60	360.000	0.032	VNV8	0.384	VNV8
CB1(N+11.30)	B6	V60X60	0.000	0.054	VNV8	0.022	VNV8
CB1(N+11.30)	B6	V60X60	45.000	0.054	VNV8	0.018	VNV8
CB1(N+11.30)	B6	V60X60	90.000	0.054	VNV8	0.014	VNV8
CB1(N+11.30)	B6	V60X60	135.000	0.054	VNV8	0.017	VNV8
CB1(N+11.30)	B6	V60X60	180.000	0.054	VNV8	0.021	VNV8
CB1(N+11.30)	B7	V30X60	0.000	0.010	VNV4	0.000	VNV16
CB1(N+11.30)	B7	V30X60	45.714	0.010	VNV4	0.000	VNV16
CB1(N+11.30)	B7	V30X60	91.429	0.010	VNV4	0.000	VNV16
CB1(N+11.30)	B7	V30X60	137.143	0.010	VNV4	0.000	VNV16
CB1(N+11.30)	B7	V30X60	182.857	0.010	VNV4	0.000	VNV16
CB1(N+11.30)	B7	V30X60	228.571	0.010	VNV4	0.000	VNV16
CB1(N+11.30)	B7	V30X60	274.286	0.010	VNV4	0.000	VNV16
CB1(N+11.30)	B7	V30X60	320.000	0.010	VNV4	0.000	VNV16




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 287 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B12	V60X60	0.000	0.018	VNV4	0.174	VNV8
CB1(N+11.30)	B12	V60X60	47.273	0.018	VNV4	0.161	VNV8
CB1(N+11.30)	B12	V60X60	94.545	0.018	VNV4	0.148	VNV8
CB1(N+11.30)	B12	V60X60	141.818	0.018	VNV4	0.135	VNV8
CB1(N+11.30)	B12	V60X60	189.091	0.018	VNV4	0.122	VNV8
CB1(N+11.30)	B12	V60X60	236.364	0.018	VNV4	0.109	VNV8
CB1(N+11.30)	B12	V60X60	283.636	0.018	VNV4	0.096	VNV8
CB1(N+11.30)	B12	V60X60	330.909	0.018	VNV4	0.102	VNV8
CB1(N+11.30)	B12	V60X60	378.182	0.018	VNV4	0.115	VNV8
CB1(N+11.30)	B12	V60X60	425.455	0.018	VNV4	0.128	VNV8
CB1(N+11.30)	B12	V60X60	472.727	0.018	VNV4	0.141	VNV8
CB1(N+11.30)	B12	V60X60	520.000	0.018	VNV4	0.154	VNV8
CB1(N+11.30)	B15	V50X60	17.500	0.032	VNV4	0.114	VNV16
CB1(N+11.30)	B15	V50X60	62.143	0.032	VNV4	0.105	VNV16
CB1(N+11.30)	B15	V50X60	106.786	0.032	VNV4	0.097	VNV16
CB1(N+11.30)	B15	V50X60	151.429	0.032	VNV4	0.088	VNV16
CB1(N+11.30)	B15	V50X60	196.071	0.032	VNV4	0.079	VNV16
CB1(N+11.30)	B15	V50X60	240.714	0.032	VNV4	0.071	VNV16
CB1(N+11.30)	B15	V50X60	285.357	0.032	VNV4	0.075	VNV16
CB1(N+11.30)	B15	V50X60	330.000	0.032	VNV4	0.084	VNV16
CB1(N+11.30)	B15	V50X60	330.000	0.032	VNV4	0.090	VNV16
CB1(N+11.30)	B15	V50X60	373.333	0.032	VNV4	0.097	VNV16
CB1(N+11.30)	B15	V50X60	416.667	0.032	VNV4	0.104	VNV16
CB1(N+11.30)	B15	V50X60	460.000	0.032	VNV4	0.111	VNV16
CB1(N+11.30)	B15	V50X60	460.000	0.032	VNV4	0.114	VNV16
CB1(N+11.30)	B15	V50X60	490.000	0.032	VNV4	0.120	VNV16
CB1(N+11.30)	B15	V50X60	520.000	0.032	VNV4	0.126	VNV16
CB1(N+11.30)	B18	V50X60	17.500	0.032	VNV4	0.116	VNV16
CB1(N+11.30)	B18	V50X60	60.000	0.032	VNV4	0.108	VNV16
CB1(N+11.30)	B18	V50X60	102.500	0.032	VNV4	0.100	VNV16
CB1(N+11.30)	B18	V50X60	145.000	0.032	VNV4	0.092	VNV16
CB1(N+11.30)	B18	V50X60	187.500	0.032	VNV4	0.084	VNV16
CB1(N+11.30)	B18	V50X60	230.000	0.032	VNV4	0.076	VNV16
CB1(N+11.30)	B18	V50X60	230.000	0.032	VNV4	0.094	VNV16
CB1(N+11.30)	B18	V50X60	278.333	0.032	VNV4	0.098	VNV16
CB1(N+11.30)	B18	V50X60	326.667	0.032	VNV4	0.102	VNV16
CB1(N+11.30)	B18	V50X60	375.000	0.032	VNV4	0.106	VNV16
CB1(N+11.30)	B18	V50X60	423.333	0.032	VNV4	0.110	VNV16
CB1(N+11.30)	B18	V50X60	471.667	0.032	VNV4	0.114	VNV16
CB1(N+11.30)	B18	V50X60	520.000	0.032	VNV4	0.118	VNV16
CB1(N+11.30)	B20	V60X60	0.000	0.021	VNV4	0.163	VNV8
CB1(N+11.30)	B20	V60X60	45.714	0.021	VNV4	0.156	VNV8
CB1(N+11.30)	B20	V60X60	91.429	0.021	VNV4	0.148	VNV8
CB1(N+11.30)	B20	V60X60	137.143	0.021	VNV4	0.140	VNV8
CB1(N+11.30)	B20	V60X60	182.857	0.021	VNV4	0.133	VNV8
CB1(N+11.30)	B20	V60X60	228.571	0.021	VNV4	0.125	VNV8
CB1(N+11.30)	B20	V60X60	274.286	0.021	VNV4	0.117	VNV8
CB1(N+11.30)	B20	V60X60	320.000	0.021	VNV4	0.110	VNV8
CB1(N+11.30)	B20	V60X60	320.000	0.021	VNV4	0.105	VNV8
CB1(N+11.30)	B20	V60X60	370.000	0.021	VNV4	0.119	VNV8
CB1(N+11.30)	B20	V60X60	420.000	0.021	VNV4	0.132	VNV8
CB1(N+11.30)	B20	V60X60	470.000	0.021	VNV4	0.146	VNV8
CB1(N+11.30)	B20	V60X60	520.000	0.021	VNV4	0.160	VNV8
CB1(N+11.30)	B22	V30X60	0.000	0.013	VNV4	9.350E-04	VNV4
CB1(N+11.30)	B22	V30X60	45.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	90.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	135.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	180.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	225.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	270.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	270.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	315.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	360.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	405.000	0.013	VNV4	0.000	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 288 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B22	V30X60	450.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	495.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B22	V30X60	540.000	0.013	VNV4	0.000	VNV16
CB1(N+11.30)	B32	V50X60	30.000	0.000	VNV16	0.178	VNV8
CB1(N+11.30)	B32	V50X60	76.250	0.000	VNV16	0.172	VNV8
CB1(N+11.30)	B32	V50X60	122.500	0.000	VNV16	0.167	VNV8
CB1(N+11.30)	B32	V50X60	168.750	0.000	VNV16	0.161	VNV8
CB1(N+11.30)	B32	V50X60	215.000	0.000	VNV16	0.156	VNV8
CB1(N+11.30)	B32	V50X60	261.250	0.000	VNV16	0.150	VNV8
CB1(N+11.30)	B32	V50X60	307.500	0.000	VNV16	0.145	VNV8
CB1(N+11.30)	B32	V50X60	353.750	0.000	VNV16	0.140	VNV16
CB1(N+11.30)	B32	V50X60	400.000	0.000	VNV16	0.144	VNV16
CB1(N+11.30)	B32	V50X60	400.000	0.000	VNV16	0.165	VNV8
CB1(N+11.30)	B32	V50X60	445.000	0.000	VNV16	0.170	VNV8
CB1(N+11.30)	B32	V50X60	490.000	0.000	VNV16	0.176	VNV8
CB1(N+11.30)	B34	V50X60	50.000	0.000	VNV16	0.192	VNV4
CB1(N+11.30)	B34	V50X60	96.000	0.000	VNV16	0.186	VNV4
CB1(N+11.30)	B34	V50X60	142.000	0.000	VNV16	0.181	VNV4
CB1(N+11.30)	B34	V50X60	188.000	0.000	VNV16	0.176	VNV8
CB1(N+11.30)	B34	V50X60	234.000	0.000	VNV16	0.172	VNV8
CB1(N+11.30)	B34	V50X60	280.000	0.000	VNV16	0.167	VNV8
CB1(N+11.30)	B34	V50X60	280.000	0.000	VNV16	0.041	VNV8
CB1(N+11.30)	B34	V50X60	324.167	0.000	VNV16	0.036	VNV8
CB1(N+11.30)	B34	V50X60	368.333	0.000	VNV16	0.030	VNV8
CB1(N+11.30)	B34	V50X60	412.500	0.000	VNV16	0.025	VNV8
CB1(N+11.30)	B34	V50X60	456.667	0.000	VNV16	0.019	VNV8
CB1(N+11.30)	B34	V50X60	500.833	0.000	VNV16	0.013	VNV8
CB1(N+11.30)	B34	V50X60	545.000	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B34	V50X60	545.000	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B34	V50X60	587.500	0.000	VNV16	0.002	VNV8
CB1(N+11.30)	B34	V50X60	630.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B34	V50X60	630.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B34	V50X60	666.667	0.000	VNV16	0.004	VNV8
CB1(N+11.30)	B34	V50X60	703.333	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B34	V50X60	740.000	0.000	VNV16	0.013	VNV8
CB1(N+11.30)	B34	V50X60	740.000	0.000	VNV16	0.013	VNV8
CB1(N+11.30)	B34	V50X60	784.167	0.000	VNV16	0.019	VNV8
CB1(N+11.30)	B34	V50X60	828.333	0.000	VNV16	0.024	VNV8
CB1(N+11.30)	B34	V50X60	872.500	0.000	VNV16	0.030	VNV8
CB1(N+11.30)	B34	V50X60	916.667	0.000	VNV16	0.035	VNV8
CB1(N+11.30)	B34	V50X60	960.833	0.000	VNV16	0.041	VNV8
CB1(N+11.30)	B34	V50X60	1005.000	0.000	VNV16	0.047	VNV8
CB1(N+11.30)	B34	V50X60	1005.000	0.000	VNV16	0.172	VNV8
CB1(N+11.30)	B34	V50X60	1046.000	0.000	VNV16	0.175	VNV8
CB1(N+11.30)	B34	V50X60	1087.000	0.000	VNV16	0.179	VNV8
CB1(N+11.30)	B34	V50X60	1128.000	0.000	VNV16	0.183	VNV4
CB1(N+11.30)	B34	V50X60	1169.000	0.000	VNV16	0.188	VNV4
CB1(N+11.30)	B34	V50X60	1210.000	0.000	VNV16	0.193	VNV4
CB1(N+11.30)	B35	V50X60	50.000	0.000	VNV16	0.169	VNV8
CB1(N+11.30)	B35	V50X60	96.000	0.000	VNV16	0.161	VNV8
CB1(N+11.30)	B35	V50X60	142.000	0.000	VNV16	0.153	VNV8
CB1(N+11.30)	B35	V50X60	188.000	0.000	VNV16	0.146	VNV8
CB1(N+11.30)	B35	V50X60	234.000	0.000	VNV16	0.138	VNV8
CB1(N+11.30)	B35	V50X60	280.000	0.000	VNV16	0.136	VNV8
CB1(N+11.30)	B35	V50X60	280.000	0.000	VNV16	0.143	VNV8
CB1(N+11.30)	B35	V50X60	326.000	0.000	VNV16	0.152	VNV8
CB1(N+11.30)	B35	V50X60	372.000	0.000	VNV16	0.160	VNV8
CB1(N+11.30)	B35	V50X60	418.000	0.000	VNV16	0.169	VNV8
CB1(N+11.30)	B35	V50X60	464.000	0.000	VNV16	0.178	VNV8
CB1(N+11.30)	B35	V50X60	510.000	0.000	VNV16	0.187	VNV8
CB1(N+11.30)	B42	V60X60	30.000	0.016	VNV4	0.212	VNV8
CB1(N+11.30)	B42	V60X60	78.000	0.016	VNV4	0.210	VNV16
CB1(N+11.30)	B42	V60X60	126.000	0.016	VNV4	0.223	VNV8
CB1(N+11.30)	B42	V60X60	174.000	0.016	VNV4	0.235	VNV8
CB1(N+11.30)	B42	V60X60	222.000	0.016	VNV4	0.248	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 289 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B42	V60X60	270.000	0.016	VNV4	0.260	VNV8
CB1(N+11.30)	B53	V60X60	30.000	0.017	VNV4	0.184	VNV8
CB1(N+11.30)	B53	V60X60	77.500	0.017	VNV4	0.185	VNV8
CB1(N+11.30)	B53	V60X60	125.000	0.017	VNV4	0.191	VNV8
CB1(N+11.30)	B53	V60X60	172.500	0.017	VNV4	0.197	VNV8
CB1(N+11.30)	B53	V60X60	220.000	0.017	VNV4	0.203	VNV8
CB1(N+11.30)	B53	V60X60	220.000	0.017	VNV4	0.215	VNV8
CB1(N+11.30)	B53	V60X60	270.000	0.017	VNV4	0.221	VNV8
CB1(N+11.30)	B59	V60X60	0.000	0.000	VNV16	0.007	VNV16
CB1(N+11.30)	B59	V60X60	40.000	0.000	VNV16	0.005	VNV16
CB1(N+11.30)	B59	V60X60	80.000	0.000	VNV16	0.005	VNV16
CB1(N+11.30)	B59	V60X60	120.000	0.000	VNV16	0.008	VNV16
CB1(N+11.30)	B70	V60X60	0.000	0.000	VNV16	0.012	VNV8
CB1(N+11.30)	B70	V60X60	40.000	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B70	V60X60	80.000	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B70	V60X60	120.000	0.000	VNV16	0.011	VNV8
CB1(N+11.30)	B73	V60X60	0.000	0.000	VNV16	0.016	VNV8
CB1(N+11.30)	B73	V60X60	45.000	0.000	VNV16	0.014	VNV8
CB1(N+11.30)	B73	V60X60	90.000	0.000	VNV16	0.013	VNV8
CB1(N+11.30)	B73	V60X60	135.000	0.000	VNV16	0.015	VNV8
CB1(N+11.30)	B73	V60X60	180.000	0.000	VNV16	0.018	VNV8
CB1(N+11.30)	B75	V60X60	0.000	0.000	VNV16	0.016	VNV8
CB1(N+11.30)	B75	V60X60	45.000	0.000	VNV16	0.013	VNV8
CB1(N+11.30)	B75	V60X60	90.000	0.000	VNV16	0.013	VNV8
CB1(N+11.30)	B75	V60X60	135.000	0.000	VNV16	0.016	VNV8
CB1(N+11.30)	B75	V60X60	180.000	0.000	VNV16	0.018	VNV8
CB1(N+11.30)	B157	V60X60	0.000	0.012	VNV4	0.050	VNV8
CB1(N+11.30)	B157	V60X60	50.000	0.012	VNV4	0.042	VNV8
CB1(N+11.30)	B157	V60X60	100.000	0.012	VNV4	0.034	VNV8
CB1(N+11.30)	B157	V60X60	150.000	0.012	VNV4	0.026	VNV8
CB1(N+11.30)	B157	V60X60	200.000	0.012	VNV4	0.018	VNV8
CB1(N+11.30)	B157	V60X60	250.000	0.012	VNV4	0.010	VNV8
CB1(N+11.30)	B157	V60X60	300.000	0.012	VNV4	0.006	VNV16
CB1(N+11.30)	B157	V60X60	350.000	0.012	VNV4	0.012	VNV16
CB1(N+11.30)	B157	V60X60	400.000	0.012	VNV4	0.018	VNV16
CB1(N+11.30)	B157	V60X60	450.000	0.012	VNV4	0.024	VNV16
CB1(N+11.30)	B157	V60X60	500.000	0.012	VNV4	0.028	VNV16
CB1(N+11.30)	B157	V60X60	550.000	0.012	VNV4	0.022	VNV16
CB1(N+11.30)	B157	V60X60	600.000	0.012	VNV4	0.016	VNV16
CB1(N+11.30)	B157	V60X60	650.000	0.012	VNV4	0.010	VNV16
CB1(N+11.30)	B157	V60X60	700.000	0.012	VNV4	0.004	VNV8
CB1(N+11.30)	B157	V60X60	750.000	0.012	VNV4	0.012	VNV8
CB1(N+11.30)	B157	V60X60	800.000	0.012	VNV4	0.021	VNV8
CB1(N+11.30)	B157	V60X60	850.000	0.012	VNV4	0.029	VNV8
CB1(N+11.30)	B157	V60X60	900.000	0.012	VNV4	0.037	VNV8
CB1(N+11.30)	B157	V60X60	950.000	0.012	VNV4	0.045	VNV8
CB1(N+11.30)	B157	V60X60	1000.000	0.012	VNV4	0.053	VNV8
CB1(N+11.30)	B188	V60X60	0.000	0.012	VNV4	0.051	VNV8
CB1(N+11.30)	B188	V60X60	50.000	0.012	VNV4	0.043	VNV8
CB1(N+11.30)	B188	V60X60	100.000	0.012	VNV4	0.034	VNV8
CB1(N+11.30)	B188	V60X60	150.000	0.012	VNV4	0.026	VNV8
CB1(N+11.30)	B188	V60X60	200.000	0.012	VNV4	0.018	VNV8
CB1(N+11.30)	B188	V60X60	250.000	0.012	VNV4	0.010	VNV8
CB1(N+11.30)	B188	V60X60	300.000	0.012	VNV4	0.006	VNV16
CB1(N+11.30)	B188	V60X60	350.000	0.012	VNV4	0.012	VNV16
CB1(N+11.30)	B188	V60X60	400.000	0.012	VNV4	0.018	VNV16
CB1(N+11.30)	B188	V60X60	450.000	0.012	VNV4	0.024	VNV16
CB1(N+11.30)	B188	V60X60	500.000	0.012	VNV4	0.029	VNV16
CB1(N+11.30)	B188	V60X60	550.000	0.012	VNV4	0.023	VNV16
CB1(N+11.30)	B188	V60X60	600.000	0.012	VNV4	0.017	VNV16
CB1(N+11.30)	B188	V60X60	650.000	0.012	VNV4	0.011	VNV16
CB1(N+11.30)	B188	V60X60	700.000	0.012	VNV4	0.005	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 290 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B188	V60X60	750.000	0.012	VNV4	0.012	VNV8
CB1(N+11.30)	B188	V60X60	800.000	0.012	VNV4	0.020	VNV8
CB1(N+11.30)	B188	V60X60	850.000	0.012	VNV4	0.028	VNV8
CB1(N+11.30)	B188	V60X60	900.000	0.012	VNV4	0.036	VNV8
CB1(N+11.30)	B188	V60X60	950.000	0.012	VNV4	0.044	VNV8
CB1(N+11.30)	B188	V60X60	1000.000	0.012	VNV4	0.052	VNV8
CB1(N+11.30)	B270	V60X60	0.000	0.020	VNV4	0.016	VNV8
CB1(N+11.30)	B270	V60X60	45.000	0.020	VNV4	0.013	VNV8
CB1(N+11.30)	B270	V60X60	90.000	0.020	VNV4	0.010	VNV8
CB1(N+11.30)	B270	V60X60	135.000	0.020	VNV4	0.012	VNV8
CB1(N+11.30)	B270	V60X60	180.000	0.020	VNV4	0.015	VNV8
CB1(N+11.30)	B272	V60X60	0.000	0.019	VNV4	0.016	VNV8
CB1(N+11.30)	B272	V60X60	45.000	0.019	VNV4	0.013	VNV8
CB1(N+11.30)	B272	V60X60	90.000	0.019	VNV4	0.010	VNV16
CB1(N+11.30)	B272	V60X60	135.000	0.019	VNV4	0.012	VNV8
CB1(N+11.30)	B272	V60X60	180.000	0.019	VNV4	0.015	VNV8
CB1(N+11.30)	B274	V60X100	0.000	0.000	VNV16	0.043	VNV16
CB1(N+11.30)	B274	V60X100	40.000	0.000	VNV16	0.043	VNV8
CB1(N+11.30)	B274	V60X100	80.000	0.000	VNV16	0.045	VNV8
CB1(N+11.30)	B274	V60X100	120.000	0.000	VNV16	0.048	VNV8
CB1(N+11.30)	B281	V60X100	60.000	0.000	VNV16	0.155	VNV16
CB1(N+11.30)	B281	V60X100	110.000	0.000	VNV16	0.152	VNV16
CB1(N+11.30)	B281	V60X100	160.000	0.000	VNV16	0.150	VNV16
CB1(N+11.30)	B281	V60X100	210.000	0.000	VNV16	0.147	VNV16
CB1(N+11.30)	B281	V60X100	260.000	0.000	VNV16	0.145	VNV16
CB1(N+11.30)	B281	V60X100	310.000	0.000	VNV16	0.142	VNV16
CB1(N+11.30)	B281	V60X100	360.000	0.000	VNV16	0.140	VNV16
CB1(N+11.30)	B281	V60X100	410.000	0.000	VNV16	0.137	VNV16
CB1(N+11.30)	B281	V60X100	460.000	0.000	VNV16	0.134	VNV16
CB1(N+11.30)	B281	V60X100	510.000	0.000	VNV16	0.132	VNV16
CB1(N+11.30)	B281	V60X100	560.000	0.000	VNV16	0.129	VNV16
CB1(N+11.30)	B281	V60X100	610.000	0.000	VNV16	0.127	VNV16
CB1(N+11.30)	B281	V60X100	660.000	0.000	VNV16	0.124	VNV16
CB1(N+11.30)	B281	V60X100	710.000	0.000	VNV16	0.122	VNV16
CB1(N+11.30)	B281	V60X100	760.000	0.000	VNV16	0.119	VNV16
CB1(N+11.30)	B281	V60X100	760.000	0.000	VNV16	0.120	VNV16
CB1(N+11.30)	B281	V60X100	810.000	0.000	VNV16	0.122	VNV16
CB1(N+11.30)	B281	V60X100	860.000	0.000	VNV16	0.125	VNV16
CB1(N+11.30)	B281	V60X100	910.000	0.000	VNV16	0.127	VNV16
CB1(N+11.30)	B281	V60X100	960.000	0.000	VNV16	0.130	VNV16
CB1(N+11.30)	B281	V60X100	1010.000	0.000	VNV16	0.132	VNV16
CB1(N+11.30)	B281	V60X100	1060.000	0.000	VNV16	0.135	VNV16
CB1(N+11.30)	B281	V60X100	1110.000	0.000	VNV16	0.137	VNV16
CB1(N+11.30)	B281	V60X100	1160.000	0.000	VNV16	0.140	VNV16
CB1(N+11.30)	B281	V60X100	1210.000	0.000	VNV16	0.143	VNV16
CB1(N+11.30)	B281	V60X100	1260.000	0.000	VNV16	0.145	VNV16
CB1(N+11.30)	B281	V60X100	1310.000	0.000	VNV16	0.148	VNV16
CB1(N+11.30)	B281	V60X100	1360.000	0.000	VNV16	0.150	VNV16
CB1(N+11.30)	B281	V60X100	1410.000	0.000	VNV16	0.153	VNV16
CB1(N+11.30)	B281	V60X100	1460.000	0.000	VNV16	0.155	VNV16
CB1(N+11.30)	B286	V60X100	60.000	0.017	VNV8	0.488	VNV8
CB1(N+11.30)	B286	V60X100	106.000	0.017	VNV8	0.491	VNV8
CB1(N+11.30)	B286	V60X100	152.000	0.017	VNV8	0.494	VNV8
CB1(N+11.30)	B286	V60X100	198.000	0.017	VNV8	0.497	VNV8
CB1(N+11.30)	B286	V60X100	244.000	0.017	VNV8	0.500	VNV8
CB1(N+11.30)	B288	V60X100	0.000	0.000	VNV16	0.047	VNV8
CB1(N+11.30)	B288	V60X100	40.000	0.000	VNV16	0.044	VNV8
CB1(N+11.30)	B288	V60X100	80.000	0.000	VNV16	0.041	VNV8
CB1(N+11.30)	B288	V60X100	120.000	0.000	VNV16	0.042	VNV16
CB1(N+11.30)	B296	V60X60	0.000	0.000	VNV16	0.294	VNV8
CB1(N+11.30)	B296	V60X60	48.000	0.000	VNV16	0.280	VNV8
CB1(N+11.30)	B296	V60X60	96.000	0.000	VNV16	0.266	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 291 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B296	V60X60	144.000	0.000	VNV16	0.252	VNV8
CB1(N+11.30)	B296	V60X60	192.000	0.000	VNV16	0.257	VNV8
CB1(N+11.30)	B296	V60X60	240.000	0.000	VNV16	0.271	VNV8
CB1(N+11.30)	B296	V60X60	240.000	0.000	VNV16	0.271	VNV8
CB1(N+11.30)	B296	V60X60	273.753	0.000	VNV16	0.280	VNV8
CB1(N+11.30)	B296	V60X60	307.507	0.000	VNV16	0.289	VNV8
CB1(N+11.30)	B296	V60X60	341.260	0.000	VNV16	0.298	VNV8
CB1(N+11.30)	B297	V60X60	0.000	0.000	VNV16	0.289	VNV8
CB1(N+11.30)	B297	V60X60	48.000	0.000	VNV16	0.275	VNV8
CB1(N+11.30)	B297	V60X60	96.000	0.000	VNV16	0.261	VNV8
CB1(N+11.30)	B297	V60X60	144.000	0.000	VNV16	0.248	VNV8
CB1(N+11.30)	B297	V60X60	192.000	0.000	VNV16	0.240	VNV16
CB1(N+11.30)	B297	V60X60	240.000	0.000	VNV16	0.253	VNV8
CB1(N+11.30)	B297	V60X60	240.000	0.000	VNV16	0.253	VNV8
CB1(N+11.30)	B297	V60X60	273.753	0.000	VNV16	0.262	VNV8
CB1(N+11.30)	B297	V60X60	307.507	0.000	VNV16	0.271	VNV8
CB1(N+11.30)	B297	V60X60	341.260	0.000	VNV16	0.280	VNV8
CB1(N+11.30)	B306	V40X60	0.000	0.051	VNV8	0.008	VNV8
CB1(N+11.30)	B306	V40X60	41.727	0.051	VNV8	0.007	VNV8
CB1(N+11.30)	B306	V40X60	83.455	0.051	VNV8	0.005	VNV8
CB1(N+11.30)	B306	V40X60	125.182	0.051	VNV8	0.007	VNV8
CB1(N+11.30)	B306	V40X60	166.909	0.051	VNV8	0.008	VNV8
CB1(N+11.30)	B307	V40X60	0.000	0.033	VNV4	0.012	VNV8
CB1(N+11.30)	B307	V40X60	44.364	0.033	VNV4	0.010	VNV8
CB1(N+11.30)	B307	V40X60	88.727	0.033	VNV4	0.010	VNV8
CB1(N+11.30)	B307	V40X60	133.091	0.033	VNV4	0.012	VNV8
CB1(N+11.30)	B308	V40X60	0.000	0.022	VNV4	0.175	VNV8
CB1(N+11.30)	B308	V40X60	41.057	0.022	VNV4	0.174	VNV8
CB1(N+11.30)	B308	V40X60	82.114	0.022	VNV4	0.172	VNV8
CB1(N+11.30)	B308	V40X60	123.171	0.022	VNV4	0.171	VNV8
CB1(N+11.30)	B308	V40X60	164.227	0.022	VNV4	0.169	VNV8
CB1(N+11.30)	B308	V40X60	205.284	0.022	VNV4	0.167	VNV8
CB1(N+11.30)	B310	V40X60	0.000	0.021	VNV4	0.129	VNV4
CB1(N+11.30)	B310	V40X60	41.057	0.021	VNV4	0.131	VNV4
CB1(N+11.30)	B310	V40X60	82.114	0.021	VNV4	0.133	VNV4
CB1(N+11.30)	B310	V40X60	123.171	0.021	VNV4	0.135	VNV4
CB1(N+11.30)	B310	V40X60	164.228	0.021	VNV4	0.137	VNV4
CB1(N+11.30)	B310	V40X60	205.285	0.021	VNV4	0.139	VNV4
CB1(N+11.30)	B310	V40X60	205.285	0.032	VNV4	0.036	VNV8
CB1(N+11.30)	B310	V40X60	249.648	0.032	VNV4	0.035	VNV8
CB1(N+11.30)	B310	V40X60	294.012	0.032	VNV4	0.034	VNV8
CB1(N+11.30)	B310	V40X60	338.375	0.032	VNV4	0.036	VNV8
CB1(N+11.30)	B312	V40X60	0.000	0.049	VNV8	0.008	VNV8
CB1(N+11.30)	B312	V40X60	41.728	0.049	VNV8	0.007	VNV8
CB1(N+11.30)	B312	V40X60	83.455	0.049	VNV8	0.005	VNV8
CB1(N+11.30)	B312	V40X60	125.183	0.049	VNV8	0.007	VNV8
CB1(N+11.30)	B312	V40X60	166.910	0.049	VNV8	0.008	VNV8
CB1(N+11.30)	B322	V20X60	0.000	0.000	VNV16	0.028	VNV8
CB1(N+11.30)	B322	V20X60	46.364	0.000	VNV16	0.018	VNV8
CB1(N+11.30)	B322	V20X60	92.727	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B322	V20X60	139.091	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B322	V20X60	185.454	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B322	V20X60	231.818	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B322	V20X60	278.182	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B322	V20X60	324.545	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B322	V20X60	370.909	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B322	V20X60	417.273	0.000	VNV16	0.006	VNV8
CB1(N+11.30)	B322	V20X60	463.636	0.000	VNV16	0.013	VNV8
CB1(N+11.30)	B322	V20X60	510.000	0.000	VNV16	0.020	VNV8
CB1(N+11.30)	B323	V20X60	0.000	0.000	VNV16	0.020	VNV8
CB1(N+11.30)	B323	V20X60	46.092	0.000	VNV16	0.014	VNV8



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 292 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B323	V20X60	92.185	0.000	VNV16	0.007	VNV8
CB1(N+11.30)	B323	V20X60	138.277	0.000	VNV16	8.612E-04	VNV8
CB1(N+11.30)	B323	V20X60	184.370	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B323	V20X60	230.462	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B323	V20X60	276.555	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B323	V20X60	322.647	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B323	V20X60	368.739	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B323	V20X60	414.832	0.000	VNV16	0.001	VNV8
CB1(N+11.30)	B323	V20X60	460.924	0.000	VNV16	0.010	VNV8
CB1(N+11.30)	B323	V20X60	507.017	0.000	VNV16	0.019	VNV8
CB1(N+11.30)	B323	V20X60	553.109	0.000	VNV16	0.028	VNV8
CB1(N+11.30)	B324	V20X60	0.000	0.000	VNV16	0.028	VNV8
CB1(N+11.30)	B324	V20X60	46.092	0.000	VNV16	0.019	VNV8
CB1(N+11.30)	B324	V20X60	92.185	0.000	VNV16	0.010	VNV8
CB1(N+11.30)	B324	V20X60	138.277	0.000	VNV16	0.001	VNV8
CB1(N+11.30)	B324	V20X60	184.370	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B324	V20X60	230.462	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B324	V20X60	276.555	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B324	V20X60	322.647	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B324	V20X60	368.740	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B324	V20X60	414.832	0.000	VNV16	8.004E-04	VNV8
CB1(N+11.30)	B324	V20X60	460.925	0.000	VNV16	0.007	VNV8
CB1(N+11.30)	B324	V20X60	507.017	0.000	VNV16	0.014	VNV8
CB1(N+11.30)	B324	V20X60	553.110	0.000	VNV16	0.020	VNV8
CB1(N+11.30)	B325	V20X60	0.000	0.000	VNV16	0.020	VNV8
CB1(N+11.30)	B325	V20X60	46.364	0.000	VNV16	0.013	VNV8
CB1(N+11.30)	B325	V20X60	92.727	0.000	VNV16	0.006	VNV8
CB1(N+11.30)	B325	V20X60	139.091	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B325	V20X60	185.455	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B325	V20X60	231.818	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B325	V20X60	278.182	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B325	V20X60	324.545	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B325	V20X60	370.909	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B325	V20X60	417.273	0.000	VNV16	0.009	VNV8
CB1(N+11.30)	B325	V20X60	463.636	0.000	VNV16	0.018	VNV8
CB1(N+11.30)	B325	V20X60	510.000	0.000	VNV16	0.028	VNV8
CB1(N+11.30)	B339	V20X60	0.000	0.000	VNV16	0.009	VNV8
CB1(N+11.30)	B339	V20X60	48.534	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B339	V20X60	97.068	0.000	VNV16	0.007	VNV8
CB1(N+11.30)	B339	V20X60	145.602	0.000	VNV16	0.007	VNV8
CB1(N+11.30)	B339	V20X60	194.137	0.000	VNV16	0.007	VNV8
CB1(N+11.30)	B339	V20X60	242.671	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B339	V20X60	291.205	0.000	VNV16	0.009	VNV8
CB1(N+11.30)	B340	V20X60	0.000	0.000	VNV16	0.009	VNV8
CB1(N+11.30)	B340	V20X60	48.534	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B340	V20X60	97.068	0.000	VNV16	0.007	VNV8
CB1(N+11.30)	B340	V20X60	145.603	0.000	VNV16	0.007	VNV8
CB1(N+11.30)	B340	V20X60	194.137	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B340	V20X60	242.671	0.000	VNV16	0.009	VNV8
CB1(N+11.30)	B340	V20X60	291.205	0.000	VNV16	0.010	VNV8
CB1(N+11.30)	B348	V20X60	0.000	0.000	VNV16	0.036	VNV8
CB1(N+11.30)	B348	V20X60	50.000	0.000	VNV16	0.029	VNV8
CB1(N+11.30)	B348	V20X60	100.000	0.000	VNV16	0.036	VNV8
CB1(N+11.30)	B349	V20X60	0.000	0.000	VNV16	0.034	VNV8
CB1(N+11.30)	B349	V20X60	50.000	0.000	VNV16	0.028	VNV8
CB1(N+11.30)	B349	V20X60	100.000	0.000	VNV16	0.034	VNV8
CB1(N+11.30)	B351	V60X60	0.000	0.000	VNV16	0.155	VNV8
CB1(N+11.30)	B351	V60X60	40.369	0.000	VNV16	0.152	VNV8
CB1(N+11.30)	B351	V60X60	80.737	0.000	VNV16	0.150	VNV8
CB1(N+11.30)	B352	V60X60	0.000	0.000	VNV16	0.158	VNV8
CB1(N+11.30)	B352	V60X60	31.812	0.000	VNV16	0.160	VNV8




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 293 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B353	V20X60	0.000	0.000	VNV16	0.021	VNV8
CB1(N+11.30)	B353	V20X60	42.884	0.000	VNV16	0.020	VNV8
CB1(N+11.30)	B353	V20X60	85.767	0.000	VNV16	0.017	VNV8
CB1(N+11.30)	B353	V20X60	128.651	0.000	VNV16	0.014	VNV8
CB1(N+11.30)	B353	V20X60	171.535	0.000	VNV16	0.019	VNV8
CB1(N+11.30)	B353	V20X60	214.418	0.000	VNV16	0.024	VNV8
CB1(N+11.30)	B354	V20X60	0.000	0.000	VNV16	0.024	VNV8
CB1(N+11.30)	B354	V20X60	42.884	0.000	VNV16	0.019	VNV8
CB1(N+11.30)	B354	V20X60	85.767	0.000	VNV16	0.014	VNV8
CB1(N+11.30)	B354	V20X60	128.651	0.000	VNV16	0.017	VNV8
CB1(N+11.30)	B354	V20X60	171.535	0.000	VNV16	0.020	VNV8
CB1(N+11.30)	B354	V20X60	214.418	0.000	VNV16	0.022	VNV8
CB1(N+11.30)	B357	V60X60	0.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B357	V60X60	46.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B357	V60X60	92.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B357	V60X60	138.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B357	V60X60	184.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B357	V60X60	230.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B358	V60X60	0.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B358	V60X60	46.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B358	V60X60	92.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B358	V60X60	138.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B358	V60X60	184.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B358	V60X60	230.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B402	V30X60	0.000	0.015	VNV4	0.007	VNV8
CB1(N+11.30)	B402	V30X60	48.120	0.015	VNV4	8.291E-04	VNV8
CB1(N+11.30)	B402	V30X60	96.240	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	144.360	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	192.481	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	240.601	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	288.721	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	336.841	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	384.961	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	433.081	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	481.202	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	529.322	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	577.442	0.015	VNV4	0.000	VNV16
CB1(N+11.30)	B402	V30X60	625.562	0.015	VNV4	0.004	VNV8
CB1(N+11.30)	B402	V30X60	673.682	0.015	VNV4	0.011	VNV8
CB1(N+11.30)	B402	V30X60	721.802	0.015	VNV4	0.019	VNV8
CB1(N+11.30)	B402	V30X60	769.922	0.015	VNV4	0.028	VNV8
CB1(N+11.30)	B402	V30X60	818.043	0.015	VNV4	0.037	VNV8
CB1(N+11.30)	B403	V30X60	0.000	0.014	VNV4	0.031	VNV8
CB1(N+11.30)	B403	V30X60	49.905	0.014	VNV4	0.021	VNV8
CB1(N+11.30)	B403	V30X60	99.811	0.014	VNV4	0.011	VNV8
CB1(N+11.30)	B403	V30X60	149.716	0.014	VNV4	0.003	VNV8
CB1(N+11.30)	B403	V30X60	199.622	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	249.527	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	299.433	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	349.338	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	399.244	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	449.149	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	499.055	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	548.960	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	598.866	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	648.771	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	698.677	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	748.582	0.014	VNV4	0.000	VNV16
CB1(N+11.30)	B403	V30X60	798.488	0.014	VNV4	5.421E-04	VNV8
CB1(N+11.30)	B404	V40X60	0.000	0.000	VNV16	0.069	VNV16
CB1(N+11.30)	B404	V40X60	49.320	0.000	VNV16	0.067	VNV16
CB1(N+11.30)	B404	V40X60	98.639	0.000	VNV16	0.064	VNV16




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 294 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B404	V40X60	147.959	0.000	VNV16	0.060	VNV16
CB1(N+11.30)	B404	V40X60	197.279	0.000	VNV16	0.056	VNV16
CB1(N+11.30)	B404	V40X60	246.598	0.000	VNV16	0.053	VNV16
CB1(N+11.30)	B404	V40X60	295.918	0.000	VNV16	0.049	VNV16
CB1(N+11.30)	B404	V40X60	345.238	0.000	VNV16	0.045	VNV16
CB1(N+11.30)	B404	V40X60	394.557	0.000	VNV16	0.041	VNV16
CB1(N+11.30)	B404	V40X60	443.877	0.000	VNV16	0.038	VNV16
CB1(N+11.30)	B404	V40X60	493.197	0.000	VNV16	0.042	VNV16
CB1(N+11.30)	B404	V40X60	542.517	0.000	VNV16	0.046	VNV16
CB1(N+11.30)	B404	V40X60	591.836	0.000	VNV16	0.050	VNV16
CB1(N+11.30)	B404	V40X60	641.156	0.000	VNV16	0.054	VNV16
CB1(N+11.30)	B404	V40X60	690.476	0.000	VNV16	0.058	VNV16
CB1(N+11.30)	B404	V40X60	739.795	0.000	VNV16	0.062	VNV16
CB1(N+11.30)	B404	V40X60	789.115	0.000	VNV16	0.066	VNV16
CB1(N+11.30)	B405	V40X60	0.000	0.000	VNV16	0.068	VNV16
CB1(N+11.30)	B405	V40X60	49.320	0.000	VNV16	0.064	VNV16
CB1(N+11.30)	B405	V40X60	98.639	0.000	VNV16	0.060	VNV16
CB1(N+11.30)	B405	V40X60	147.959	0.000	VNV16	0.056	VNV16
CB1(N+11.30)	B405	V40X60	197.279	0.000	VNV16	0.052	VNV16
CB1(N+11.30)	B405	V40X60	246.598	0.000	VNV16	0.048	VNV16
CB1(N+11.30)	B405	V40X60	295.918	0.000	VNV16	0.044	VNV16
CB1(N+11.30)	B405	V40X60	345.238	0.000	VNV16	0.040	VNV16
CB1(N+11.30)	B405	V40X60	394.557	0.000	VNV16	0.043	VNV16
CB1(N+11.30)	B405	V40X60	443.877	0.000	VNV16	0.047	VNV16
CB1(N+11.30)	B405	V40X60	493.197	0.000	VNV16	0.051	VNV16
CB1(N+11.30)	B405	V40X60	542.517	0.000	VNV16	0.055	VNV16
CB1(N+11.30)	B405	V40X60	591.836	0.000	VNV16	0.059	VNV16
CB1(N+11.30)	B405	V40X60	641.156	0.000	VNV16	0.063	VNV16
CB1(N+11.30)	B405	V40X60	690.476	0.000	VNV16	0.068	VNV16
CB1(N+11.30)	B405	V40X60	739.795	0.000	VNV16	0.071	VNV16
CB1(N+11.30)	B405	V40X60	789.115	0.000	VNV16	0.074	VNV16
CB1(N+11.30)	B406	V50X60	0.000	0.000	VNV16	0.099	VNV8
CB1(N+11.30)	B406	V50X60	49.003	0.000	VNV16	0.093	VNV8
CB1(N+11.30)	B406	V50X60	98.005	0.000	VNV16	0.087	VNV8
CB1(N+11.30)	B406	V50X60	147.008	0.000	VNV16	0.081	VNV8
CB1(N+11.30)	B406	V50X60	196.011	0.000	VNV16	0.075	VNV8
CB1(N+11.30)	B406	V50X60	245.014	0.000	VNV16	0.069	VNV8
CB1(N+11.30)	B406	V50X60	294.016	0.000	VNV16	0.064	VNV8
CB1(N+11.30)	B406	V50X60	343.019	0.000	VNV16	0.058	VNV8
CB1(N+11.30)	B406	V50X60	392.022	0.000	VNV16	0.060	VNV8
CB1(N+11.30)	B406	V50X60	441.024	0.000	VNV16	0.066	VNV8
CB1(N+11.30)	B406	V50X60	490.027	0.000	VNV16	0.071	VNV8
CB1(N+11.30)	B406	V50X60	539.030	0.000	VNV16	0.076	VNV8
CB1(N+11.30)	B406	V50X60	588.032	0.000	VNV16	0.081	VNV8
CB1(N+11.30)	B406	V50X60	637.035	0.000	VNV16	0.086	VNV8
CB1(N+11.30)	B406	V50X60	686.038	0.000	VNV16	0.091	VNV8
CB1(N+11.30)	B410	V50X60	0.000	0.000	VNV16	0.103	VNV8
CB1(N+11.30)	B410	V50X60	49.003	0.000	VNV16	0.096	VNV8
CB1(N+11.30)	B410	V50X60	98.005	0.000	VNV16	0.090	VNV8
CB1(N+11.30)	B410	V50X60	147.008	0.000	VNV16	0.084	VNV8
CB1(N+11.30)	B410	V50X60	196.011	0.000	VNV16	0.078	VNV8
CB1(N+11.30)	B410	V50X60	245.014	0.000	VNV16	0.073	VNV8
CB1(N+11.30)	B410	V50X60	294.016	0.000	VNV16	0.067	VNV8
CB1(N+11.30)	B410	V50X60	343.019	0.000	VNV16	0.061	VNV8
CB1(N+11.30)	B410	V50X60	392.022	0.000	VNV16	0.060	VNV8
CB1(N+11.30)	B410	V50X60	441.024	0.000	VNV16	0.065	VNV8
CB1(N+11.30)	B410	V50X60	490.027	0.000	VNV16	0.070	VNV8
CB1(N+11.30)	B410	V50X60	539.030	0.000	VNV16	0.075	VNV8
CB1(N+11.30)	B410	V50X60	588.032	0.000	VNV16	0.080	VNV8
CB1(N+11.30)	B410	V50X60	637.035	0.000	VNV16	0.085	VNV8
CB1(N+11.30)	B410	V50X60	686.038	0.000	VNV16	0.090	VNV8
CB1(N+11.30)	B427	V40X60	20.000	0.027	VNV8	0.049	VNV8
CB1(N+11.30)	B427	V40X60	68.604	0.027	VNV8	0.047	VNV8
CB1(N+11.30)	B427	V40X60	117.208	0.027	VNV8	0.045	VNV16
CB1(N+11.30)	B427	V40X60	165.812	0.027	VNV8	0.044	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 295 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B427	V40X60	214.417	0.027	VNV8	0.046	VNV8
CB1(N+11.30)	B427	V40X60	263.021	0.027	VNV8	0.048	VNV8
CB1(N+11.30)	B427	V40X60	311.625	0.027	VNV8	0.050	VNV8
CB1(N+11.30)	B427	V40X60	360.229	0.027	VNV8	0.052	VNV8
CB1(N+11.30)	B427	V40X60	408.833	0.027	VNV8	0.054	VNV8
CB1(N+11.30)	B427	V40X60	457.437	0.027	VNV8	0.056	VNV8
CB1(N+11.30)	B427	V40X60	506.041	0.027	VNV8	0.058	VNV8
CB1(N+11.30)	B427	V40X60	554.646	0.027	VNV8	0.059	VNV8
CB1(N+11.30)	B427	V40X60	603.250	0.027	VNV8	0.061	VNV8
CB1(N+11.30)	B429	V40X60	0.000	0.029	VNV8	0.058	VNV8
CB1(N+11.30)	B429	V40X60	48.604	0.029	VNV8	0.056	VNV8
CB1(N+11.30)	B429	V40X60	97.208	0.029	VNV8	0.054	VNV8
CB1(N+11.30)	B429	V40X60	145.813	0.029	VNV8	0.052	VNV8
CB1(N+11.30)	B429	V40X60	194.417	0.029	VNV8	0.050	VNV8
CB1(N+11.30)	B429	V40X60	243.021	0.029	VNV8	0.048	VNV8
CB1(N+11.30)	B429	V40X60	291.625	0.029	VNV8	0.046	VNV8
CB1(N+11.30)	B429	V40X60	340.229	0.029	VNV8	0.044	VNV8
CB1(N+11.30)	B429	V40X60	388.834	0.029	VNV8	0.042	VNV8
CB1(N+11.30)	B429	V40X60	437.438	0.029	VNV8	0.043	VNV16
CB1(N+11.30)	B429	V40X60	486.042	0.029	VNV8	0.044	VNV8
CB1(N+11.30)	B429	V40X60	534.646	0.029	VNV8	0.046	VNV8
CB1(N+11.30)	B429	V40X60	583.251	0.029	VNV8	0.048	VNV8
CB1(N+11.30)	B433	V40X60	0.000	0.060	VNV8	0.006	VNV8
CB1(N+11.30)	B433	V40X60	37.500	0.060	VNV8	0.004	VNV8
CB1(N+11.30)	B433	V40X60	75.000	0.060	VNV8	0.005	VNV8
CB1(N+11.30)	B435	V40X60	0.000	0.060	VNV8	0.004	VNV16
CB1(N+11.30)	B435	V40X60	41.306	0.060	VNV8	0.004	VNV16
CB1(N+11.30)	B435	V40X60	41.306	0.027	VNV8	0.007	VNV16
CB1(N+11.30)	B435	V40X60	79.729	0.027	VNV8	0.005	VNV16
CB1(N+11.30)	B435	V40X60	118.153	0.027	VNV8	0.004	VNV16
CB1(N+11.30)	B435	V40X60	156.576	0.027	VNV8	0.004	VNV16
CB1(N+11.30)	B435	V40X60	195.000	0.027	VNV8	0.005	VNV16
CB1(N+11.30)	B437	V40X60	0.000	0.000	VNV16	0.147	VNV8
CB1(N+11.30)	B437	V40X60	46.160	0.000	VNV16	0.145	VNV8
CB1(N+11.30)	B437	V40X60	92.319	0.000	VNV16	0.143	VNV8
CB1(N+11.30)	B437	V40X60	138.479	0.000	VNV16	0.141	VNV8
CB1(N+11.30)	B437	V40X60	184.639	0.000	VNV16	0.139	VNV8
CB1(N+11.30)	B437	V40X60	230.798	0.000	VNV16	0.138	VNV8
CB1(N+11.30)	B437	V40X60	276.958	0.000	VNV16	0.136	VNV8
CB1(N+11.30)	B437	V40X60	323.117	0.000	VNV16	0.134	VNV8
CB1(N+11.30)	B437	V40X60	369.277	0.000	VNV16	0.133	VNV16
CB1(N+11.30)	B437	V40X60	415.437	0.000	VNV16	0.134	VNV16
CB1(N+11.30)	B439	V40X60	0.000	0.000	VNV16	0.119	VNV8
CB1(N+11.30)	B439	V40X60	46.630	0.000	VNV16	0.117	VNV8
CB1(N+11.30)	B439	V40X60	93.261	0.000	VNV16	0.115	VNV8
CB1(N+11.30)	B439	V40X60	139.891	0.000	VNV16	0.113	VNV8
CB1(N+11.30)	B439	V40X60	186.521	0.000	VNV16	0.111	VNV8
CB1(N+11.30)	B439	V40X60	233.151	0.000	VNV16	0.109	VNV8
CB1(N+11.30)	B439	V40X60	279.782	0.000	VNV16	0.108	VNV8
CB1(N+11.30)	B439	V40X60	326.412	0.000	VNV16	0.106	VNV8
CB1(N+11.30)	B439	V40X60	373.042	0.000	VNV16	0.104	VNV8
CB1(N+11.30)	B439	V40X60	419.672	0.000	VNV16	0.102	VNV8
CB1(N+11.30)	B439	V40X60	466.303	0.000	VNV16	0.100	VNV8
CB1(N+11.30)	B439	V40X60	512.933	0.000	VNV16	0.098	VNV8
CB1(N+11.30)	B439	V40X60	559.563	0.000	VNV16	0.096	VNV8
CB1(N+11.30)	B442	V40X60	0.000	0.000	VNV16	0.098	VNV8
CB1(N+11.30)	B442	V40X60	46.630	0.000	VNV16	0.100	VNV8
CB1(N+11.30)	B442	V40X60	93.261	0.000	VNV16	0.102	VNV8
CB1(N+11.30)	B442	V40X60	139.891	0.000	VNV16	0.104	VNV8
CB1(N+11.30)	B442	V40X60	186.521	0.000	VNV16	0.106	VNV8
CB1(N+11.30)	B442	V40X60	233.151	0.000	VNV16	0.108	VNV8
CB1(N+11.30)	B442	V40X60	279.782	0.000	VNV16	0.109	VNV8
CB1(N+11.30)	B442	V40X60	326.412	0.000	VNV16	0.111	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 296 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B442	V40X60	373.042	0.000	VNV16	0.113	VNV8
CB1(N+11.30)	B442	V40X60	419.672	0.000	VNV16	0.115	VNV8
CB1(N+11.30)	B442	V40X60	466.303	0.000	VNV16	0.117	VNV8
CB1(N+11.30)	B442	V40X60	512.933	0.000	VNV16	0.119	VNV8
CB1(N+11.30)	B442	V40X60	559.563	0.000	VNV16	0.121	VNV8
CB1(N+11.30)	B443	V40X60	0.000	0.000	VNV16	0.145	VNV8
CB1(N+11.30)	B443	V40X60	46.160	0.000	VNV16	0.147	VNV8
CB1(N+11.30)	B443	V40X60	92.319	0.000	VNV16	0.149	VNV8
CB1(N+11.30)	B443	V40X60	138.479	0.000	VNV16	0.151	VNV8
CB1(N+11.30)	B443	V40X60	184.639	0.000	VNV16	0.152	VNV8
CB1(N+11.30)	B443	V40X60	230.798	0.000	VNV16	0.154	VNV8
CB1(N+11.30)	B443	V40X60	276.958	0.000	VNV16	0.156	VNV8
CB1(N+11.30)	B443	V40X60	323.118	0.000	VNV16	0.158	VNV8
CB1(N+11.30)	B443	V40X60	369.277	0.000	VNV16	0.160	VNV8
CB1(N+11.30)	B443	V40X60	415.437	0.000	VNV16	0.162	VNV8
CB1(N+11.30)	B445	V40X60	0.000	0.030	VNV8	0.006	VNV8
CB1(N+11.30)	B445	V40X60	38.424	0.030	VNV8	0.005	VNV16
CB1(N+11.30)	B445	V40X60	76.848	0.030	VNV8	0.005	VNV8
CB1(N+11.30)	B445	V40X60	115.271	0.030	VNV8	0.007	VNV8
CB1(N+11.30)	B445	V40X60	153.695	0.030	VNV8	0.008	VNV8
CB1(N+11.30)	B445	V40X60	153.695	0.057	VNV8	0.005	VNV8
CB1(N+11.30)	B445	V40X60	195.000	0.057	VNV8	0.005	VNV8
CB1(N+11.30)	B447	V40X60	0.000	0.057	VNV8	0.005	VNV8
CB1(N+11.30)	B447	V40X60	37.500	0.057	VNV8	0.004	VNV8
CB1(N+11.30)	B447	V40X60	75.000	0.057	VNV8	0.006	VNV8
CB1(N+11.30)	B449	V60X90	0.000	0.014	VNV8	0.052	VNV8
CB1(N+11.30)	B449	V60X90	38.827	0.014	VNV8	0.046	VNV8
CB1(N+11.30)	B449	V60X90	77.654	0.014	VNV8	0.039	VNV8
CB1(N+11.30)	B449	V60X90	116.481	0.014	VNV8	0.033	VNV8
CB1(N+11.30)	B449	V60X90	155.308	0.014	VNV8	0.032	VNV8
CB1(N+11.30)	B451	V60X60	0.000	0.014	VNV12	0.000	VNV16
CB1(N+11.30)	B451	V60X60	38.827	0.014	VNV12	0.000	VNV16
CB1(N+11.30)	B451	V60X60	77.654	0.014	VNV12	0.000	VNV16
CB1(N+11.30)	B451	V60X60	116.481	0.014	VNV12	0.000	VNV16
CB1(N+11.30)	B451	V60X60	155.308	0.014	VNV12	0.000	VNV16
CB1(N+11.30)	B452	V30X60	0.000	0.021	VNV8	0.066	VNV16
CB1(N+11.30)	B452	V30X60	46.875	0.021	VNV8	0.061	VNV16
CB1(N+11.30)	B452	V30X60	93.750	0.021	VNV8	0.056	VNV16
CB1(N+11.30)	B452	V30X60	140.625	0.021	VNV8	0.051	VNV16
CB1(N+11.30)	B452	V30X60	187.500	0.021	VNV8	0.046	VNV16
CB1(N+11.30)	B452	V30X60	234.375	0.021	VNV8	0.041	VNV16
CB1(N+11.30)	B452	V30X60	281.250	0.021	VNV8	0.041	VNV16
CB1(N+11.30)	B452	V30X60	328.125	0.021	VNV8	0.046	VNV16
CB1(N+11.30)	B452	V30X60	375.000	0.021	VNV8	0.051	VNV16
CB1(N+11.30)	B454	V30X60	0.000	0.000	VNV16	0.137	VNV8
CB1(N+11.30)	B454	V30X60	46.875	0.000	VNV16	0.126	VNV8
CB1(N+11.30)	B454	V30X60	93.750	0.000	VNV16	0.113	VNV8
CB1(N+11.30)	B454	V30X60	140.625	0.000	VNV16	0.098	VNV8
CB1(N+11.30)	B454	V30X60	187.500	0.000	VNV16	0.082	VNV8
CB1(N+11.30)	B454	V30X60	234.375	0.000	VNV16	0.076	VNV8
CB1(N+11.30)	B454	V30X60	281.250	0.000	VNV16	0.092	VNV8
CB1(N+11.30)	B454	V30X60	328.125	0.000	VNV16	0.109	VNV8
CB1(N+11.30)	B454	V30X60	375.000	0.000	VNV16	0.127	VNV8
CB1(N+11.30)	B457	V30X60	0.000	0.000	VNV16	0.131	VNV8
CB1(N+11.30)	B457	V30X60	46.875	0.000	VNV16	0.120	VNV8
CB1(N+11.30)	B457	V30X60	93.750	0.000	VNV16	0.108	VNV8
CB1(N+11.30)	B457	V30X60	140.625	0.000	VNV16	0.092	VNV8
CB1(N+11.30)	B457	V30X60	187.500	0.000	VNV16	0.076	VNV8
CB1(N+11.30)	B457	V30X60	234.375	0.000	VNV16	0.076	VNV8
CB1(N+11.30)	B457	V30X60	281.250	0.000	VNV16	0.093	VNV8
CB1(N+11.30)	B457	V30X60	328.125	0.000	VNV16	0.110	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 297 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B457	V30X60	375.000	0.000	VNV16	0.127	VNV8
CB1(N+11.30)	B458	V30X60	0.000	0.013	VNV4	0.107	VNV8
CB1(N+11.30)	B458	V30X60	46.875	0.013	VNV4	0.095	VNV8
CB1(N+11.30)	B458	V30X60	93.750	0.013	VNV4	0.082	VNV8
CB1(N+11.30)	B458	V30X60	140.625	0.013	VNV4	0.069	VNV8
CB1(N+11.30)	B458	V30X60	187.500	0.013	VNV4	0.057	VNV8
CB1(N+11.30)	B458	V30X60	234.375	0.013	VNV4	0.070	VNV8
CB1(N+11.30)	B458	V30X60	281.250	0.013	VNV4	0.083	VNV8
CB1(N+11.30)	B458	V30X60	328.125	0.013	VNV4	0.096	VNV8
CB1(N+11.30)	B458	V30X60	375.000	0.013	VNV4	0.108	VNV8
CB1(N+11.30)	B461	V60X100	0.000	0.000	VNV16	0.306	VNV8
CB1(N+11.30)	B461	V60X100	46.309	0.000	VNV16	0.303	VNV8
CB1(N+11.30)	B461	V60X100	92.617	0.000	VNV16	0.301	VNV8
CB1(N+11.30)	B461	V60X100	138.926	0.000	VNV16	0.298	VNV8
CB1(N+11.30)	B461	V60X100	185.235	0.000	VNV16	0.295	VNV8
CB1(N+11.30)	B461	V60X100	231.543	0.000	VNV16	0.293	VNV8
CB1(N+11.30)	B461	V60X100	277.852	0.000	VNV16	0.290	VNV8
CB1(N+11.30)	B461	V60X100	324.160	0.000	VNV16	0.287	VNV8
CB1(N+11.30)	B461	V60X100	370.469	0.000	VNV16	0.284	VNV8
CB1(N+11.30)	B461	V60X100	416.778	0.000	VNV16	0.282	VNV8
CB1(N+11.30)	B461	V60X100	463.086	0.000	VNV16	0.279	VNV8
CB1(N+11.30)	B461	V60X100	509.395	0.000	VNV16	0.276	VNV8
CB1(N+11.30)	B461	V60X100	555.704	0.000	VNV16	0.274	VNV8
CB1(N+11.30)	B461	V60X100	602.012	0.000	VNV16	0.271	VNV8
CB1(N+11.30)	B463	V60X100	0.000	0.000	VNV16	0.277	VNV8
CB1(N+11.30)	B463	V60X100	46.309	0.000	VNV16	0.280	VNV8
CB1(N+11.30)	B463	V60X100	92.617	0.000	VNV16	0.283	VNV8
CB1(N+11.30)	B463	V60X100	138.926	0.000	VNV16	0.285	VNV8
CB1(N+11.30)	B463	V60X100	185.234	0.000	VNV16	0.288	VNV8
CB1(N+11.30)	B463	V60X100	231.543	0.000	VNV16	0.291	VNV8
CB1(N+11.30)	B463	V60X100	277.852	0.000	VNV16	0.293	VNV8
CB1(N+11.30)	B463	V60X100	324.160	0.000	VNV16	0.296	VNV8
CB1(N+11.30)	B463	V60X100	370.469	0.000	VNV16	0.299	VNV8
CB1(N+11.30)	B463	V60X100	416.778	0.000	VNV16	0.301	VNV8
CB1(N+11.30)	B463	V60X100	463.086	0.000	VNV16	0.304	VNV8
CB1(N+11.30)	B463	V60X100	509.395	0.000	VNV16	0.307	VNV8
CB1(N+11.30)	B463	V60X100	555.703	0.000	VNV16	0.309	VNV8
CB1(N+11.30)	B463	V60X100	602.012	0.000	VNV16	0.312	VNV8
CB1(N+11.30)	B469	V60X60	0.000	0.057	VNV8	0.124	VNV8
CB1(N+11.30)	B469	V60X60	39.375	0.057	VNV8	0.126	VNV8
CB1(N+11.30)	B469	V60X60	78.750	0.057	VNV8	0.128	VNV8
CB1(N+11.30)	B469	V60X60	118.125	0.057	VNV8	0.131	VNV8
CB1(N+11.30)	B469	V60X60	118.125	0.057	VNV8	0.156	VNV8
CB1(N+11.30)	B469	V60X60	165.000	0.057	VNV8	0.159	VNV8
CB1(N+11.30)	B470	V60X60	0.000	0.045	VNV8	0.017	VNV8
CB1(N+11.30)	B470	V60X60	37.500	0.045	VNV8	0.017	VNV8
CB1(N+11.30)	B470	V60X60	75.000	0.045	VNV8	0.020	VNV8
CB1(N+11.30)	B471	V60X100	0.000	0.081	VNV4	0.051	VNV8
CB1(N+11.30)	B471	V60X100	48.750	0.081	VNV4	0.048	VNV16
CB1(N+11.30)	B471	V60X100	97.500	0.081	VNV4	0.050	VNV8
CB1(N+11.30)	B471	V60X100	146.250	0.081	VNV4	0.053	VNV8
CB1(N+11.30)	B471	V60X100	195.000	0.081	VNV4	0.055	VNV8
CB1(N+11.30)	B478	V60X100	0.000	0.086	VNV4	0.051	VNV8
CB1(N+11.30)	B478	V60X100	48.750	0.086	VNV4	0.048	VNV16
CB1(N+11.30)	B478	V60X100	97.500	0.086	VNV4	0.050	VNV8
CB1(N+11.30)	B478	V60X100	146.250	0.086	VNV4	0.053	VNV8
CB1(N+11.30)	B478	V60X100	195.000	0.086	VNV4	0.056	VNV8
CB1(N+11.30)	B479	V60X60	0.000	0.063	VNV8	0.053	VNV8
CB1(N+11.30)	B479	V60X60	25.000	0.063	VNV8	0.053	VNV8
CB1(N+11.30)	B488	V60X90	0.000	0.067	VNV4	0.119	VNV8


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 298 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B488	V60X90	48.413	0.067	VNV4	0.125	VNV8
CB1(N+11.30)	B488	V60X90	96.826	0.067	VNV4	0.131	VNV8
CB1(N+11.30)	B488	V60X90	145.239	0.067	VNV4	0.138	VNV8
CB1(N+11.30)	B488	V60X90	193.653	0.067	VNV4	0.145	VNV8
CB1(N+11.30)	B488	V60X90	193.653	0.025	VNV4	0.043	VNV16
CB1(N+11.30)	B488	V60X90	238.903	0.025	VNV4	0.039	VNV16
CB1(N+11.30)	B488	V60X90	284.153	0.025	VNV4	0.041	VNV16
CB1(N+11.30)	B488	V60X90	329.403	0.025	VNV4	0.045	VNV16
CB1(N+11.30)	B488	V60X90	374.653	0.025	VNV4	0.049	VNV16
CB1(N+11.30)	B488	V60X90	419.902	0.025	VNV4	0.053	VNV16
CB1(N+11.30)	B488	V60X90	465.152	0.025	VNV4	0.057	VNV16
CB1(N+11.30)	B488	V60X90	510.402	0.025	VNV4	0.060	VNV16
CB1(N+11.30)	B488	V60X90	555.652	0.025	VNV4	0.062	VNV16
CB1(N+11.30)	B489	V20X60	0.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B489	V20X60	48.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B489	V20X60	96.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B489	V20X60	144.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B489	V20X60	192.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B489	V20X60	240.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	0.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	47.665	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	95.331	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	142.996	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	190.662	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	238.327	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	285.993	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	333.658	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	381.323	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	428.989	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	476.654	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	524.320	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	571.985	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	619.651	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	667.316	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	667.316	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	714.981	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	762.647	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	810.312	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	857.978	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	905.643	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	953.309	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	1000.974	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	1048.639	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	1096.305	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	1143.970	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	1191.636	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	1239.301	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	1286.967	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B491	V50X60	1334.632	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B495	V60X90	0.000	0.022	VNV8	0.017	VNV4
CB1(N+11.30)	B495	V60X90	46.784	0.022	VNV8	0.019	VNV16
CB1(N+11.30)	B495	V60X90	93.568	0.022	VNV8	0.023	VNV16
CB1(N+11.30)	B495	V60X90	140.352	0.022	VNV8	0.027	VNV16
CB1(N+11.30)	B495	V60X90	187.136	0.022	VNV8	0.032	VNV16
CB1(N+11.30)	B495	V60X90	233.920	0.022	VNV8	0.037	VNV16
CB1(N+11.30)	B495	V60X90	280.704	0.022	VNV8	0.042	VNV16
CB1(N+11.30)	B495	V60X90	327.488	0.022	VNV8	0.046	VNV16
CB1(N+11.30)	B495	V60X90	374.272	0.022	VNV8	0.051	VNV16
CB1(N+11.30)	B495	V60X90	374.272	0.041	VNV8	0.045	VNV8
CB1(N+11.30)	B495	V60X90	384.784	0.041	VNV8	0.043	VNV8
CB1(N+11.30)	B495	V60X90	384.784	0.030	VNV8	0.030	VNV8
CB1(N+11.30)	B495	V60X90	430.534	0.030	VNV8	0.023	VNV8
CB1(N+11.30)	B495	V60X90	476.284	0.030	VNV8	0.016	VNV8
CB1(N+11.30)	B495	V60X90	522.034	0.030	VNV8	0.014	VNV16
CB1(N+11.30)	B495	V60X90	567.783	0.030	VNV8	0.018	VNV16
CB1(N+11.30)	B495	V60X90	613.533	0.030	VNV8	0.087	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 299 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B495	V60X90	659.283	0.030	VNV8	0.080	VNV8
CB1(N+11.30)	B495	V60X90	705.033	0.030	VNV8	0.073	VNV8
CB1(N+11.30)	B495	V60X90	705.033	0.030	VNV8	0.073	VNV8
CB1(N+11.30)	B495	V60X90	749.355	0.030	VNV8	0.066	VNV8
CB1(N+11.30)	B495	V60X90	793.677	0.030	VNV8	0.059	VNV8
CB1(N+11.30)	B495	V60X90	837.998	0.030	VNV8	0.052	VNV8
CB1(N+11.30)	B495	V60X90	882.320	0.030	VNV8	0.045	VNV8
CB1(N+11.30)	B495	V60X90	926.641	0.030	VNV8	0.040	VNV16
CB1(N+11.30)	B495	V60X90	926.641	0.098	VNV4	0.037	VNV8
CB1(N+11.30)	B495	V60X90	973.943	0.098	VNV4	0.043	VNV8
CB1(N+11.30)	B495	V60X90	1021.245	0.098	VNV4	0.049	VNV8
CB1(N+11.30)	B495	V60X90	1068.546	0.098	VNV4	0.054	VNV8
CB1(N+11.30)	B495	V60X90	1115.848	0.098	VNV4	0.058	VNV8
CB1(N+11.30)	B495	V60X90	1163.150	0.098	VNV4	0.063	VNV8
CB1(N+11.30)	B495	V60X90	1210.451	0.098	VNV4	0.066	VNV8
CB1(N+11.30)	B496	V40X60	0.000	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	49.964	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	99.927	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	149.891	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	199.855	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	249.819	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	299.782	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	349.746	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	399.710	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	449.673	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	499.637	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	549.601	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	599.565	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	649.528	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	699.492	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	749.456	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	799.419	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B496	V40X60	849.383	0.032	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	0.000	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	46.863	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	93.726	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	140.589	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	187.451	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	234.314	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	281.177	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	328.040	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	374.903	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	421.766	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	468.629	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B497	V40X60	515.491	0.034	VNV8	0.000	VNV16
CB1(N+11.30)	B498	V60X90	0.000	0.016	VNV8	0.000	VNV16
CB1(N+11.30)	B498	V60X90	42.898	0.016	VNV8	0.000	VNV16
CB1(N+11.30)	B498	V60X90	85.796	0.016	VNV8	0.000	VNV16
CB1(N+11.30)	B498	V60X90	128.694	0.016	VNV8	0.000	VNV16
CB1(N+11.30)	B498	V60X90	171.593	0.016	VNV8	0.000	VNV16
CB1(N+11.30)	B498	V60X90	214.491	0.016	VNV8	0.000	VNV16
CB1(N+11.30)	B498	V60X90	257.389	0.016	VNV8	0.000	VNV16
CB1(N+11.30)	B498	V60X90	257.389	0.013	VNV8	0.089	VNV12
CB1(N+11.30)	B498	V60X90	291.069	0.013	VNV8	0.086	VNV12
CB1(N+11.30)	B498	V60X90	324.749	0.013	VNV8	0.083	VNV12
CB1(N+11.30)	B498	V60X90	358.428	0.013	VNV8	0.080	VNV12
CB1(N+11.30)	B498	V60X90	358.428	0.013	VNV8	0.080	VNV12
CB1(N+11.30)	B498	V60X90	401.591	0.013	VNV8	0.076	VNV12
CB1(N+11.30)	B498	V60X90	444.753	0.013	VNV8	0.072	VNV12
CB1(N+11.30)	B498	V60X90	487.915	0.013	VNV8	0.068	VNV12
CB1(N+11.30)	B498	V60X90	531.078	0.013	VNV8	0.065	VNV12
CB1(N+11.30)	B498	V60X90	574.240	0.013	VNV8	0.062	VNV12
CB1(N+11.30)	B498	V60X90	617.402	0.013	VNV8	0.059	VNV12
CB1(N+11.30)	B498	V60X90	617.402	0.024	VNV4	0.013	VNV8
CB1(N+11.30)	B498	V60X90	666.121	0.024	VNV4	0.011	VNV16
CB1(N+11.30)	B498	V60X90	714.839	0.024	VNV4	0.016	VNV16



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 300 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


CB1(N+11.30)	B498	V60X90	763.557	0.024	VNV4	0.061	VNV8
CB1(N+11.30)	B498	V60X90	812.276	0.024	VNV4	0.054	VNV8
CB1(N+11.30)	B498	V60X90	860.994	0.024	VNV4	0.046	VNV8
CB1(N+11.30)	B498	V60X90	909.712	0.024	VNV4	0.038	VNV8
CB1(N+11.30)	B498	V60X90	958.431	0.024	VNV4	0.032	VNV16
CB1(N+11.30)	B498	V60X90	1007.149	0.024	VNV4	0.027	VNV16
CB1(N+11.30)	B498	V60X90	1055.867	0.024	VNV4	0.023	VNV16
CB1(N+11.30)	B498	V60X90	1104.586	0.024	VNV4	0.018	VNV16
CB1(N+11.30)	B498	V60X90	1153.304	0.024	VNV4	0.013	VNV16
CB1(N+11.30)	B498	V60X90	1202.023	0.024	VNV4	0.011	VNV8
CB1(N+11.30)	B498	V60X90	1250.741	0.024	VNV4	0.019	VNV8
CB1(N+11.30)	B498	V60X90	1299.459	0.024	VNV4	0.027	VNV8
CB1(N+11.30)	B498	V60X90	1348.178	0.024	VNV4	0.035	VNV8
CB1(N+11.30)	B498	V60X90	1396.896	0.024	VNV4	0.043	VNV8
CB1(N+11.30)	B498	V60X90	1445.614	0.024	VNV4	0.051	VNV8
CB1(N+11.30)	B498	V60X90	1494.333	0.024	VNV4	0.057	VNV8

CB1(N+11.30)	B500	V40X60	0.000	0.000	VNV16	0.041	VNV8
CB1(N+11.30)	B500	V40X60	48.000	0.000	VNV16	0.036	VNV8
CB1(N+11.30)	B500	V40X60	96.000	0.000	VNV16	0.030	VNV8
CB1(N+11.30)	B500	V40X60	144.000	0.000	VNV16	0.023	VNV8
CB1(N+11.30)	B500	V40X60	192.000	0.000	VNV16	0.017	VNV8
CB1(N+11.30)	B500	V40X60	240.000	0.000	VNV16	0.010	VNV8
CB1(N+11.30)	B500	V40X60	288.000	0.000	VNV16	0.002	VNV8
CB1(N+11.30)	B500	V40X60	336.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B500	V40X60	384.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B500	V40X60	432.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B500	V40X60	480.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B500	V40X60	528.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B500	V40X60	576.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B500	V40X60	624.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B500	V40X60	672.000	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B500	V40X60	720.000	0.000	VNV16	0.009	VNV8
CB1(N+11.30)	B500	V40X60	768.000	0.000	VNV16	0.019	VNV8
CB1(N+11.30)	B500	V40X60	816.000	0.000	VNV16	0.029	VNV8
CB1(N+11.30)	B500	V40X60	864.000	0.000	VNV16	0.040	VNV8
CB1(N+11.30)	B500	V40X60	912.000	0.000	VNV16	0.051	VNV8
CB1(N+11.30)	B500	V40X60	960.000	0.000	VNV16	0.063	VNV8
CB1(N+11.30)	B500	V40X60	1008.000	0.000	VNV16	0.074	VNV8

CB1(N+11.30)	B503	V50X60	0.000	0.000	VNV16	0.068	VNV8
CB1(N+11.30)	B503	V50X60	48.235	0.000	VNV16	0.057	VNV8
CB1(N+11.30)	B503	V50X60	96.471	0.000	VNV16	0.047	VNV8
CB1(N+11.30)	B503	V50X60	144.706	0.000	VNV16	0.036	VNV8
CB1(N+11.30)	B503	V50X60	192.941	0.000	VNV16	0.025	VNV8
CB1(N+11.30)	B503	V50X60	241.176	0.000	VNV16	0.014	VNV8
CB1(N+11.30)	B503	V50X60	289.412	0.000	VNV16	0.004	VNV8
CB1(N+11.30)	B503	V50X60	337.647	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B503	V50X60	385.882	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B503	V50X60	434.118	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B503	V50X60	482.353	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B503	V50X60	530.588	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B503	V50X60	578.824	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B503	V50X60	627.059	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B503	V50X60	675.294	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B503	V50X60	723.529	0.000	VNV16	0.005	VNV8
CB1(N+11.30)	B503	V50X60	771.765	0.000	VNV16	0.016	VNV8
CB1(N+11.30)	B503	V50X60	820.000	0.000	VNV16	0.027	VNV8
CB1(N+11.30)	B503	V50X60	820.000	0.000	VNV16	0.029	VNV8
CB1(N+11.30)	B503	V50X60	867.000	0.000	VNV16	0.040	VNV8
CB1(N+11.30)	B503	V50X60	914.000	0.000	VNV16	0.050	VNV8
CB1(N+11.30)	B503	V50X60	961.000	0.000	VNV16	0.061	VNV8
CB1(N+11.30)	B503	V50X60	1008.000	0.000	VNV16	0.071	VNV8

CB1(N+11.30)	B504	V30X60	0.000	0.000	VNV16	0.078	VNV8
CB1(N+11.30)	B504	V30X60	47.000	0.000	VNV16	0.069	VNV8
CB1(N+11.30)	B504	V30X60	94.000	0.000	VNV16	0.060	VNV8
CB1(N+11.30)	B504	V30X60	141.000	0.000	VNV16	0.051	VNV8
CB1(N+11.30)	B504	V30X60	188.000	0.000	VNV16	0.042	VNV8




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 301 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B504	V30X60	188.000	0.000	VNV16	0.039	VNV8
CB1(N+11.30)	B504	V30X60	236.235	0.000	VNV16	0.030	VNV8
CB1(N+11.30)	B504	V30X60	284.470	0.000	VNV16	0.020	VNV8
CB1(N+11.30)	B504	V30X60	332.706	0.000	VNV16	0.011	VNV8
CB1(N+11.30)	B504	V30X60	380.941	0.000	VNV16	0.002	VNV8
CB1(N+11.30)	B504	V30X60	429.176	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B504	V30X60	477.412	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B504	V30X60	525.647	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B504	V30X60	573.882	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B504	V30X60	622.117	0.000	VNV16	0.000	VNV16
CB1(N+11.30)	B504	V30X60	670.353	0.000	VNV16	0.008	VNV8
CB1(N+11.30)	B504	V30X60	718.588	0.000	VNV16	0.017	VNV8
CB1(N+11.30)	B504	V30X60	766.823	0.000	VNV16	0.026	VNV8
CB1(N+11.30)	B504	V30X60	815.059	0.000	VNV16	0.036	VNV8
CB1(N+11.30)	B504	V30X60	863.294	0.000	VNV16	0.045	VNV8
CB1(N+11.30)	B504	V30X60	911.529	0.000	VNV16	0.055	VNV8
CB1(N+11.30)	B504	V30X60	959.765	0.000	VNV16	0.064	VNV8
CB1(N+11.30)	B504	V30X60	1008.000	0.000	VNV16	0.073	VNV8


CB1(N+11.30)	B506	V60X60	0.000	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	47.772	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	95.544	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	143.316	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	191.088	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	238.860	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	286.632	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	334.404	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	382.176	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	429.947	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	477.719	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	525.491	0.030	VNV4	0.000	VNV16
CB1(N+11.30)	B506	V60X60	525.491	0.077	VNV4	0.044	VNV8
CB1(N+11.30)	B506	V60X60	569.491	0.077	VNV4	0.050	VNV8
CB1(N+11.30)	B506	V60X60	613.491	0.077	VNV4	0.056	VNV8
CB1(N+11.30)	B506	V60X60	657.491	0.077	VNV4	0.061	VNV8
CB1(N+11.30)	B506	V60X60	701.491	0.077	VNV4	0.065	VNV8
CB1(N+11.30)	B506	V60X60	745.491	0.077	VNV4	0.069	VNV8

CB1(N+11.30)	B507	V40X60	0.000	0.018	VNV4	0.022	VNV8
CB1(N+11.30)	B507	V40X60	48.039	0.018	VNV4	0.015	VNV8
CB1(N+11.30)	B507	V40X60	96.077	0.018	VNV4	0.007	VNV8
CB1(N+11.30)	B507	V40X60	144.116	0.018	VNV4	3.770E-04	VNV8
CB1(N+11.30)	B507	V40X60	192.154	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	240.193	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	288.232	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	336.270	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	384.309	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	432.347	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	480.386	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	528.425	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	576.463	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	624.502	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	672.540	0.018	VNV4	0.000	VNV16
CB1(N+11.30)	B507	V40X60	720.579	0.018	VNV4	0.001	VNV8
CB1(N+11.30)	B507	V40X60	720.579	0.018	VNV4	0.023	VNV8
CB1(N+11.30)	B507	V40X60	762.321	0.018	VNV4	0.029	VNV8
CB1(N+11.30)	B507	V40X60	804.063	0.018	VNV4	0.035	VNV8
CB1(N+11.30)	B507	V40X60	845.805	0.018	VNV4	0.042	VNV8
CB1(N+11.30)	B507	V40X60	887.547	0.018	VNV4	0.048	VNV4

CB1(N+11.30)	B512	V60X90	50.000	0.000	VNV16	0.155	VNV8
CB1(N+11.30)	B512	V60X90	98.750	0.000	VNV16	0.147	VNV8
CB1(N+11.30)	B512	V60X90	147.500	0.000	VNV16	0.139	VNV8
CB1(N+11.30)	B512	V60X90	196.250	0.000	VNV16	0.131	VNV8
CB1(N+11.30)	B512	V60X90	245.000	0.000	VNV16	0.124	VNV8
CB1(N+11.30)	B512	V60X90	293.750	0.000	VNV16	0.116	VNV8
CB1(N+11.30)	B512	V60X90	342.500	0.000	VNV16	0.108	VNV8
CB1(N+11.30)	B512	V60X90	391.250	0.000	VNV16	0.100	VNV8
CB1(N+11.30)	B512	V60X90	440.000	0.000	VNV16	0.092	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 302 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B512	V60X90	488.750	0.000	VNV16	0.088	VNV8
CB1(N+11.30)	B512	V60X90	537.500	0.000	VNV16	0.096	VNV8
CB1(N+11.30)	B512	V60X90	586.250	0.000	VNV16	0.104	VNV8
CB1(N+11.30)	B512	V60X90	635.000	0.000	VNV16	0.112	VNV8
CB1(N+11.30)	B512	V60X90	683.750	0.000	VNV16	0.120	VNV8
CB1(N+11.30)	B512	V60X90	732.500	0.000	VNV16	0.127	VNV8
CB1(N+11.30)	B512	V60X90	781.250	0.000	VNV16	0.135	VNV8
CB1(N+11.30)	B512	V60X90	830.000	0.000	VNV16	0.143	VNV8
CB1(N+11.30)	B512	V60X90	830.000	0.000	VNV16	0.147	VNV8
CB1(N+11.30)	B512	V60X90	878.333	0.000	VNV16	0.153	VNV8
CB1(N+11.30)	B512	V60X90	926.667	0.000	VNV16	0.159	VNV8
CB1(N+11.30)	B512	V60X90	975.000	0.000	VNV16	0.163	VNV8
CB1(N+11.30)	B514	V60X60	0.000	0.046	VNV8	0.022	VNV8
CB1(N+11.30)	B514	V60X60	48.750	0.046	VNV8	0.019	VNV8
CB1(N+11.30)	B514	V60X60	97.500	0.046	VNV8	0.016	VNV8
CB1(N+11.30)	B514	V60X60	146.250	0.046	VNV8	0.019	VNV8
CB1(N+11.30)	B514	V60X60	195.000	0.046	VNV8	0.022	VNV8
CB1(N+11.30)	B516	V60X60	0.000	0.000	VNV16	0.175	VNV8
CB1(N+11.30)	B516	V60X60	27.500	0.000	VNV16	0.177	VNV8
CB1(N+11.30)	B516	V60X60	55.000	0.000	VNV16	0.178	VNV8
CB1(N+11.30)	B518	V40X60	0.000	0.016	VNV8	0.107	VNV8
CB1(N+11.30)	B518	V40X60	50.000	0.016	VNV8	0.098	VNV8
CB1(N+11.30)	B518	V40X60	100.000	0.016	VNV8	0.090	VNV8
CB1(N+11.30)	B518	V40X60	150.000	0.016	VNV8	0.081	VNV8
CB1(N+11.30)	B518	V40X60	200.000	0.016	VNV8	0.072	VNV8
CB1(N+11.30)	B519	V50X60	0.000	0.000	VNV16	0.100	VNV8
CB1(N+11.30)	B519	V50X60	50.000	0.000	VNV16	0.088	VNV8
CB1(N+11.30)	B519	V50X60	100.000	0.000	VNV16	0.077	VNV8
CB1(N+11.30)	B519	V50X60	150.000	0.000	VNV16	0.066	VNV8
CB1(N+11.30)	B519	V50X60	200.000	0.000	VNV16	0.061	VNV8
CB1(N+11.30)	B522	V20X60	0.000	0.000	VNV16	0.019	VNV8
CB1(N+11.30)	B522	V20X60	48.333	0.000	VNV16	0.020	VNV8
CB1(N+11.30)	B522	V20X60	96.667	0.000	VNV16	0.021	VNV8
CB1(N+11.30)	B522	V20X60	145.000	0.000	VNV16	0.022	VNV8
CB1(N+11.30)	B523	V20X60	0.000	0.000	VNV16	0.026	VNV8
CB1(N+11.30)	B523	V20X60	48.750	0.000	VNV16	0.025	VNV8
CB1(N+11.30)	B523	V20X60	97.500	0.000	VNV16	0.024	VNV8
CB1(N+11.30)	B523	V20X60	146.250	0.000	VNV16	0.023	VNV8
CB1(N+11.30)	B523	V20X60	195.000	0.000	VNV16	0.022	VNV8
CB1(N+11.30)	B524	V20X60	0.000	0.000	VNV16	0.021	VNV8
CB1(N+11.30)	B524	V20X60	48.000	0.000	VNV16	0.022	VNV8
CB1(N+11.30)	B524	V20X60	96.000	0.000	VNV16	0.023	VNV8
CB1(N+11.30)	B524	V20X60	144.000	0.000	VNV16	0.024	VNV8
CB1(N+11.30)	B524	V20X60	192.000	0.000	VNV16	0.025	VNV8
CB1(N+11.30)	B524	V20X60	240.000	0.000	VNV16	0.026	VNV8
CB1(N+11.30)	B570	V30X60	0.000	0.009	VNV4	0.018	VNV8
CB1(N+11.30)	B570	V30X60	48.333	0.009	VNV4	0.008	VNV8
CB1(N+11.30)	B570	V30X60	96.667	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	145.000	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	193.333	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	241.667	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	290.000	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	338.333	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	386.667	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	435.000	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	483.333	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	531.667	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	580.000	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	628.333	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B570	V30X60	676.667	0.009	VNV4	0.008	VNV8
CB1(N+11.30)	B570	V30X60	725.000	0.009	VNV4	0.018	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 303 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B571	V30X60	0.000	0.009	VNV4	0.019	VNV8
CB1(N+11.30)	B571	V30X60	48.333	0.009	VNV4	0.009	VNV8
CB1(N+11.30)	B571	V30X60	96.667	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	145.000	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	193.333	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	241.667	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	290.000	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	338.333	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	386.667	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	435.000	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	483.333	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	531.667	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	580.000	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	628.333	0.009	VNV4	0.000	VNV16
CB1(N+11.30)	B571	V30X60	676.667	0.009	VNV4	0.009	VNV8
CB1(N+11.30)	B571	V30X60	725.000	0.009	VNV4	0.019	VNV8
CB1(N+11.30)	B572	V30X60	0.000	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	48.333	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	96.667	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	145.000	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	193.333	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	241.667	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	290.000	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	338.333	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	386.667	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	435.000	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	483.333	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	531.667	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	580.000	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	628.333	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	676.667	0.009	VNV12	0.000	VNV16
CB1(N+11.30)	B572	V30X60	725.000	0.009	VNV12	0.000	VNV16
3ER(N+7.20)	B1	V60X60	0.000	0.038	VNV8	0.020	VNV16
3ER(N+7.20)	B1	V60X60	45.000	0.038	VNV8	0.015	VNV16
3ER(N+7.20)	B1	V60X60	90.000	0.038	VNV8	0.012	VNV16
3ER(N+7.20)	B1	V60X60	135.000	0.038	VNV8	0.016	VNV16
3ER(N+7.20)	B1	V60X60	180.000	0.038	VNV8	0.020	VNV16
3ER(N+7.20)	B3	V60X60	30.000	0.016	VNV4	0.147	VNV8
3ER(N+7.20)	B3	V60X60	77.500	0.016	VNV4	0.141	VNV8
3ER(N+7.20)	B3	V60X60	125.000	0.016	VNV4	0.135	VNV8
3ER(N+7.20)	B3	V60X60	172.500	0.016	VNV4	0.129	VNV8
3ER(N+7.20)	B3	V60X60	220.000	0.016	VNV4	0.123	VNV8
3ER(N+7.20)	B3	V60X60	267.500	0.016	VNV4	0.117	VNV8
3ER(N+7.20)	B3	V60X60	315.000	0.016	VNV4	0.112	VNV8
3ER(N+7.20)	B3	V60X60	362.500	0.016	VNV4	0.118	VNV8
3ER(N+7.20)	B3	V60X60	410.000	0.016	VNV4	0.124	VNV8
3ER(N+7.20)	B3	V60X60	457.500	0.016	VNV4	0.130	VNV8
3ER(N+7.20)	B3	V60X60	505.000	0.016	VNV4	0.137	VNV8
3ER(N+7.20)	B3	V60X60	552.500	0.016	VNV4	0.143	VNV8
3ER(N+7.20)	B3	V60X60	600.000	0.016	VNV4	0.149	VNV8
3ER(N+7.20)	B4	V60X60	30.000	0.017	VNV4	0.148	VNV8
3ER(N+7.20)	B4	V60X60	77.500	0.017	VNV4	0.141	VNV8
3ER(N+7.20)	B4	V60X60	125.000	0.017	VNV4	0.135	VNV8
3ER(N+7.20)	B4	V60X60	172.500	0.017	VNV4	0.129	VNV8
3ER(N+7.20)	B4	V60X60	220.000	0.017	VNV4	0.123	VNV8
3ER(N+7.20)	B4	V60X60	267.500	0.017	VNV4	0.117	VNV8
3ER(N+7.20)	B4	V60X60	315.000	0.017	VNV4	0.111	VNV16
3ER(N+7.20)	B4	V60X60	362.500	0.017	VNV4	0.116	VNV8
3ER(N+7.20)	B4	V60X60	410.000	0.017	VNV4	0.123	VNV8
3ER(N+7.20)	B4	V60X60	457.500	0.017	VNV4	0.129	VNV8
3ER(N+7.20)	B4	V60X60	505.000	0.017	VNV4	0.135	VNV8
3ER(N+7.20)	B4	V60X60	552.500	0.017	VNV4	0.141	VNV8
3ER(N+7.20)	B4	V60X60	600.000	0.017	VNV4	0.147	VNV8



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 304 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B6	V60X60	0.000	0.038	VNV8	0.020	VNV16
3ER(N+7.20)	B6	V60X60	45.000	0.038	VNV8	0.016	VNV16
3ER(N+7.20)	B6	V60X60	90.000	0.038	VNV8	0.012	VNV16
3ER(N+7.20)	B6	V60X60	135.000	0.038	VNV8	0.015	VNV16
3ER(N+7.20)	B6	V60X60	180.000	0.038	VNV8	0.020	VNV16
3ER(N+7.20)	B7	V30X60	0.000	0.013	VNV4	0.000	VNV16
3ER(N+7.20)	B7	V30X60	45.714	0.013	VNV4	0.000	VNV16
3ER(N+7.20)	B7	V30X60	91.429	0.013	VNV4	0.000	VNV16
3ER(N+7.20)	B7	V30X60	137.143	0.013	VNV4	0.000	VNV16
3ER(N+7.20)	B7	V30X60	182.857	0.013	VNV4	0.000	VNV16
3ER(N+7.20)	B7	V30X60	228.571	0.013	VNV4	0.000	VNV16
3ER(N+7.20)	B7	V30X60	274.286	0.013	VNV4	0.000	VNV16
3ER(N+7.20)	B7	V30X60	320.000	0.013	VNV4	0.000	VNV16
3ER(N+7.20)	B13	V60X60	30.000	0.018	VNV4	0.179	VNV8
3ER(N+7.20)	B13	V60X60	77.273	0.018	VNV4	0.163	VNV8
3ER(N+7.20)	B13	V60X60	124.545	0.018	VNV4	0.146	VNV8
3ER(N+7.20)	B13	V60X60	171.818	0.018	VNV4	0.130	VNV8
3ER(N+7.20)	B13	V60X60	219.091	0.018	VNV4	0.114	VNV8
3ER(N+7.20)	B13	V60X60	266.364	0.018	VNV4	0.102	VNV8
3ER(N+7.20)	B13	V60X60	313.636	0.018	VNV4	0.119	VNV8
3ER(N+7.20)	B13	V60X60	360.909	0.018	VNV4	0.135	VNV8
3ER(N+7.20)	B13	V60X60	408.182	0.018	VNV4	0.151	VNV8
3ER(N+7.20)	B13	V60X60	455.455	0.018	VNV4	0.167	VNV8
3ER(N+7.20)	B13	V60X60	502.727	0.018	VNV4	0.184	VNV8
3ER(N+7.20)	B13	V60X60	550.000	0.018	VNV4	0.200	VNV8
3ER(N+7.20)	B14	V50X60	30.000	0.019	VNV4	0.143	VNV16
3ER(N+7.20)	B14	V50X60	75.682	0.019	VNV4	0.131	VNV16
3ER(N+7.20)	B14	V50X60	121.364	0.019	VNV4	0.119	VNV16
3ER(N+7.20)	B14	V50X60	167.045	0.019	VNV4	0.108	VNV16
3ER(N+7.20)	B14	V50X60	212.727	0.019	VNV4	0.096	VNV16
3ER(N+7.20)	B14	V50X60	258.409	0.019	VNV4	0.084	VNV16
3ER(N+7.20)	B14	V50X60	304.091	0.019	VNV4	0.083	VNV16
3ER(N+7.20)	B14	V50X60	349.773	0.019	VNV4	0.095	VNV16
3ER(N+7.20)	B14	V50X60	395.455	0.019	VNV4	0.107	VNV16
3ER(N+7.20)	B14	V50X60	441.136	0.019	VNV4	0.119	VNV16
3ER(N+7.20)	B14	V50X60	486.818	0.019	VNV4	0.131	VNV16
3ER(N+7.20)	B14	V50X60	532.500	0.019	VNV4	0.143	VNV16
3ER(N+7.20)	B16	V40X60	30.000	0.050	VNV4	0.180	VNV8
3ER(N+7.20)	B16	V40X60	77.273	0.050	VNV4	0.154	VNV8
3ER(N+7.20)	B16	V40X60	124.545	0.050	VNV4	0.128	VNV8
3ER(N+7.20)	B16	V40X60	171.818	0.050	VNV4	0.103	VNV8
3ER(N+7.20)	B16	V40X60	219.091	0.050	VNV4	0.077	VNV8
3ER(N+7.20)	B16	V40X60	266.364	0.050	VNV4	0.052	VNV8
3ER(N+7.20)	B16	V40X60	313.636	0.050	VNV4	0.026	VNV8
3ER(N+7.20)	B16	V40X60	360.909	0.050	VNV4	7.383E-04	VNV8
3ER(N+7.20)	B16	V40X60	408.182	0.050	VNV4	0.014	VNV8
3ER(N+7.20)	B16	V40X60	455.455	0.050	VNV4	0.040	VNV8
3ER(N+7.20)	B16	V40X60	502.727	0.050	VNV4	0.065	VNV8
3ER(N+7.20)	B16	V40X60	550.000	0.050	VNV4	0.091	VNV8
3ER(N+7.20)	B17	V50X60	30.000	0.018	VNV4	0.136	VNV16
3ER(N+7.20)	B17	V50X60	78.333	0.018	VNV4	0.129	VNV16
3ER(N+7.20)	B17	V50X60	126.667	0.018	VNV4	0.121	VNV16
3ER(N+7.20)	B17	V50X60	175.000	0.018	VNV4	0.114	VNV16
3ER(N+7.20)	B17	V50X60	223.333	0.018	VNV4	0.106	VNV16
3ER(N+7.20)	B17	V50X60	271.667	0.018	VNV4	0.098	VNV16
3ER(N+7.20)	B17	V50X60	320.000	0.018	VNV4	0.091	VNV16
3ER(N+7.20)	B17	V50X60	320.000	0.018	VNV4	0.093	VNV16
3ER(N+7.20)	B17	V50X60	362.500	0.018	VNV4	0.104	VNV16
3ER(N+7.20)	B17	V50X60	405.000	0.018	VNV4	0.115	VNV16
3ER(N+7.20)	B17	V50X60	447.500	0.018	VNV4	0.126	VNV16
3ER(N+7.20)	B17	V50X60	490.000	0.018	VNV4	0.137	VNV16
3ER(N+7.20)	B17	V50X60	532.500	0.018	VNV4	0.148	VNV16
3ER(N+7.20)	B20	V60X60	0.000	0.018	VNV4	0.190	VNV8



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 305 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


3ER(N+7.20)	B20	V60X60	45.714	0.018	VNV4	0.179	VNV8
3ER(N+7.20)	B20	V60X60	91.429	0.018	VNV4	0.168	VNV8
3ER(N+7.20)	B20	V60X60	137.143	0.018	VNV4	0.158	VNV8
3ER(N+7.20)	B20	V60X60	182.857	0.018	VNV4	0.147	VNV8
3ER(N+7.20)	B20	V60X60	228.571	0.018	VNV4	0.136	VNV8
3ER(N+7.20)	B20	V60X60	274.286	0.018	VNV4	0.125	VNV8
3ER(N+7.20)	B20	V60X60	320.000	0.018	VNV4	0.114	VNV8
3ER(N+7.20)	B20	V60X60	320.000	0.018	VNV4	0.116	VNV8
3ER(N+7.20)	B20	V60X60	370.000	0.018	VNV4	0.133	VNV8
3ER(N+7.20)	B20	V60X60	420.000	0.018	VNV4	0.150	VNV8
3ER(N+7.20)	B20	V60X60	470.000	0.018	VNV4	0.167	VNV8
3ER(N+7.20)	B20	V60X60	520.000	0.018	VNV4	0.184	VNV8
3ER(N+7.20)	B22	V30X60	0.000	0.012	VNV4	0.002	VNV4
3ER(N+7.20)	B22	V30X60	45.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	90.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	135.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	180.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	225.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	270.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	270.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	315.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	360.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	405.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	450.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	495.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B22	V30X60	540.000	0.012	VNV4	0.000	VNV16
3ER(N+7.20)	B32	V50X60	30.000	0.000	VNV16	0.193	VNV8
3ER(N+7.20)	B32	V50X60	76.000	0.000	VNV16	0.188	VNV8
3ER(N+7.20)	B32	V50X60	122.000	0.000	VNV16	0.182	VNV8
3ER(N+7.20)	B32	V50X60	168.000	0.000	VNV16	0.177	VNV8
3ER(N+7.20)	B32	V50X60	214.000	0.000	VNV16	0.172	VNV8
3ER(N+7.20)	B32	V50X60	260.000	0.000	VNV16	0.166	VNV8
3ER(N+7.20)	B32	V50X60	306.000	0.000	VNV16	0.161	VNV8
3ER(N+7.20)	B32	V50X60	352.000	0.000	VNV16	0.159	VNV16
3ER(N+7.20)	B32	V50X60	398.000	0.000	VNV16	0.163	VNV16
3ER(N+7.20)	B32	V50X60	444.000	0.000	VNV16	0.168	VNV8
3ER(N+7.20)	B32	V50X60	490.000	0.000	VNV16	0.174	VNV8
3ER(N+7.20)	B34	V50X60	50.000	0.000	VNV16	0.100	VNV16
3ER(N+7.20)	B34	V50X60	98.333	0.000	VNV16	0.098	VNV16
3ER(N+7.20)	B34	V50X60	146.667	0.000	VNV16	0.097	VNV16
3ER(N+7.20)	B34	V50X60	195.000	0.000	VNV16	0.095	VNV16
3ER(N+7.20)	B34	V50X60	243.333	0.000	VNV16	0.093	VNV16
3ER(N+7.20)	B34	V50X60	291.667	0.000	VNV16	0.091	VNV16
3ER(N+7.20)	B34	V50X60	340.000	0.000	VNV16	0.089	VNV16
3ER(N+7.20)	B34	V50X60	388.333	0.000	VNV16	0.088	VNV16
3ER(N+7.20)	B34	V50X60	436.667	0.000	VNV16	0.086	VNV16
3ER(N+7.20)	B34	V50X60	485.000	0.000	VNV16	0.084	VNV16
3ER(N+7.20)	B34	V50X60	533.333	0.000	VNV16	0.082	VNV16
3ER(N+7.20)	B34	V50X60	581.667	0.000	VNV16	0.080	VNV16
3ER(N+7.20)	B34	V50X60	630.000	0.000	VNV16	0.079	VNV16
3ER(N+7.20)	B34	V50X60	630.000	0.000	VNV16	0.078	VNV16
3ER(N+7.20)	B34	V50X60	678.333	0.000	VNV16	0.080	VNV16
3ER(N+7.20)	B34	V50X60	726.667	0.000	VNV16	0.082	VNV16
3ER(N+7.20)	B34	V50X60	775.000	0.000	VNV16	0.083	VNV16
3ER(N+7.20)	B34	V50X60	823.333	0.000	VNV16	0.085	VNV16
3ER(N+7.20)	B34	V50X60	871.667	0.000	VNV16	0.087	VNV16
3ER(N+7.20)	B34	V50X60	920.000	0.000	VNV16	0.089	VNV16
3ER(N+7.20)	B34	V50X60	968.333	0.000	VNV16	0.091	VNV16
3ER(N+7.20)	B34	V50X60	1016.667	0.000	VNV16	0.092	VNV16
3ER(N+7.20)	B34	V50X60	1065.000	0.000	VNV16	0.094	VNV16
3ER(N+7.20)	B34	V50X60	1113.333	0.000	VNV16	0.096	VNV16
3ER(N+7.20)	B34	V50X60	1161.667	0.000	VNV16	0.098	VNV16
3ER(N+7.20)	B34	V50X60	1210.000	0.000	VNV16	0.100	VNV16
3ER(N+7.20)	B35	V50X60	50.000	0.000	VNV16	0.185	VNV8
3ER(N+7.20)	B35	V50X60	96.000	0.000	VNV16	0.179	VNV8



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 306 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


3ER(N+7.20)	B35	V50X60	142.000	0.000	VNV16	0.174	VNV8
3ER(N+7.20)	B35	V50X60	188.000	0.000	VNV16	0.168	VNV8
3ER(N+7.20)	B35	V50X60	234.000	0.000	VNV16	0.163	VNV8
3ER(N+7.20)	B35	V50X60	280.000	0.000	VNV16	0.164	VNV8
3ER(N+7.20)	B35	V50X60	280.000	0.000	VNV16	0.180	VNV8
3ER(N+7.20)	B35	V50X60	326.000	0.000	VNV16	0.189	VNV8
3ER(N+7.20)	B35	V50X60	372.000	0.000	VNV16	0.199	VNV8
3ER(N+7.20)	B35	V50X60	418.000	0.000	VNV16	0.208	VNV8
3ER(N+7.20)	B35	V50X60	464.000	0.000	VNV16	0.218	VNV8
3ER(N+7.20)	B35	V50X60	510.000	0.000	VNV16	0.227	VNV8
3ER(N+7.20)	B42	V60X60	30.000	0.033	VNV4	0.224	VNV8
3ER(N+7.20)	B42	V60X60	78.000	0.033	VNV4	0.218	VNV8
3ER(N+7.20)	B42	V60X60	126.000	0.033	VNV4	0.234	VNV8
3ER(N+7.20)	B42	V60X60	174.000	0.033	VNV4	0.251	VNV8
3ER(N+7.20)	B42	V60X60	222.000	0.033	VNV4	0.267	VNV8
3ER(N+7.20)	B42	V60X60	270.000	0.033	VNV4	0.284	VNV8
3ER(N+7.20)	B44	V50X60	17.500	0.000	VNV16	0.117	VNV16
3ER(N+7.20)	B44	V50X60	59.583	0.000	VNV16	0.109	VNV16
3ER(N+7.20)	B44	V50X60	101.667	0.000	VNV16	0.101	VNV16
3ER(N+7.20)	B44	V50X60	143.750	0.000	VNV16	0.093	VNV16
3ER(N+7.20)	B44	V50X60	185.833	0.000	VNV16	0.085	VNV16
3ER(N+7.20)	B44	V50X60	227.917	0.000	VNV16	0.076	VNV16
3ER(N+7.20)	B44	V50X60	270.000	0.000	VNV16	0.068	VNV16
3ER(N+7.20)	B49	V50X60	17.500	0.000	VNV16	0.129	VNV16
3ER(N+7.20)	B49	V50X60	58.000	0.000	VNV16	0.123	VNV16
3ER(N+7.20)	B49	V50X60	98.500	0.000	VNV16	0.117	VNV16
3ER(N+7.20)	B49	V50X60	139.000	0.000	VNV16	0.111	VNV16
3ER(N+7.20)	B49	V50X60	179.500	0.000	VNV16	0.106	VNV16
3ER(N+7.20)	B49	V50X60	220.000	0.000	VNV16	0.100	VNV16
3ER(N+7.20)	B49	V50X60	220.000	0.000	VNV16	0.088	VNV16
3ER(N+7.20)	B49	V50X60	270.000	0.000	VNV16	0.078	VNV16
3ER(N+7.20)	B53	V60X60	30.000	0.036	VNV4	0.205	VNV8
3ER(N+7.20)	B53	V60X60	77.500	0.036	VNV4	0.199	VNV8
3ER(N+7.20)	B53	V60X60	125.000	0.036	VNV4	0.201	VNV8
3ER(N+7.20)	B53	V60X60	172.500	0.036	VNV4	0.207	VNV8
3ER(N+7.20)	B53	V60X60	220.000	0.036	VNV4	0.213	VNV8
3ER(N+7.20)	B53	V60X60	220.000	0.036	VNV4	0.247	VNV8
3ER(N+7.20)	B53	V60X60	270.000	0.036	VNV4	0.264	VNV8
3ER(N+7.20)	B59	V20X60	0.000	0.000	VNV16	0.003	VNV8
3ER(N+7.20)	B59	V20X60	40.000	0.000	VNV16	0.002	VNV8
3ER(N+7.20)	B59	V20X60	80.000	0.000	VNV16	0.002	VNV8
3ER(N+7.20)	B59	V20X60	120.000	0.000	VNV16	0.003	VNV8
3ER(N+7.20)	B61	V20X60	0.000	0.018	VNV8	0.000	VNV16
3ER(N+7.20)	B61	V20X60	46.667	0.018	VNV8	0.000	VNV16
3ER(N+7.20)	B61	V20X60	93.333	0.018	VNV8	0.000	VNV16
3ER(N+7.20)	B61	V20X60	140.000	0.018	VNV8	0.000	VNV16
3ER(N+7.20)	B61	V20X60	186.667	0.018	VNV8	0.000	VNV16
3ER(N+7.20)	B61	V20X60	233.333	0.018	VNV8	0.000	VNV16
3ER(N+7.20)	B61	V20X60	280.000	0.018	VNV8	0.000	VNV16
3ER(N+7.20)	B61	V20X60	326.667	0.018	VNV8	0.000	VNV16
3ER(N+7.20)	B61	V20X60	373.333	0.018	VNV8	0.000	VNV16
3ER(N+7.20)	B61	V20X60	420.000	0.018	VNV8	0.000	VNV16
3ER(N+7.20)	B67	V20X60	0.000	0.021	VNV8	0.000	VNV16
3ER(N+7.20)	B67	V20X60	46.667	0.021	VNV8	0.000	VNV16
3ER(N+7.20)	B67	V20X60	93.333	0.021	VNV8	0.000	VNV16
3ER(N+7.20)	B67	V20X60	140.000	0.021	VNV8	0.000	VNV16
3ER(N+7.20)	B67	V20X60	186.667	0.021	VNV8	0.000	VNV16
3ER(N+7.20)	B67	V20X60	233.333	0.021	VNV8	0.000	VNV16
3ER(N+7.20)	B67	V20X60	280.000	0.021	VNV8	0.000	VNV16
3ER(N+7.20)	B67	V20X60	326.667	0.021	VNV8	0.000	VNV16
3ER(N+7.20)	B67	V20X60	373.333	0.021	VNV8	0.000	VNV16
3ER(N+7.20)	B67	V20X60	420.000	0.021	VNV8	0.000	VNV16




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 307 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B70	V20X60	0.000	0.000	VNV16	0.003	VNV8
3ER(N+7.20)	B70	V20X60	40.000	0.000	VNV16	0.002	VNV8
3ER(N+7.20)	B70	V20X60	80.000	0.000	VNV16	0.002	VNV8
3ER(N+7.20)	B70	V20X60	120.000	0.000	VNV16	0.003	VNV8
3ER(N+7.20)	B73	V60X60	0.000	0.011	VNV4	0.013	VNV8
3ER(N+7.20)	B73	V60X60	45.000	0.011	VNV4	0.010	VNV8
3ER(N+7.20)	B73	V60X60	90.000	0.011	VNV4	0.009	VNV8
3ER(N+7.20)	B73	V60X60	135.000	0.011	VNV4	0.011	VNV8
3ER(N+7.20)	B73	V60X60	180.000	0.011	VNV4	0.014	VNV8
3ER(N+7.20)	B75	V60X60	0.000	0.000	VNV16	0.013	VNV8
3ER(N+7.20)	B75	V60X60	45.000	0.000	VNV16	0.010	VNV8
3ER(N+7.20)	B75	V60X60	90.000	0.000	VNV16	0.009	VNV8
3ER(N+7.20)	B75	V60X60	135.000	0.000	VNV16	0.012	VNV8
3ER(N+7.20)	B75	V60X60	180.000	0.000	VNV16	0.015	VNV8
3ER(N+7.20)	B157	V60X60	0.000	0.017	VNV4	0.052	VNV8
3ER(N+7.20)	B157	V60X60	50.000	0.017	VNV4	0.043	VNV8
3ER(N+7.20)	B157	V60X60	100.000	0.017	VNV4	0.035	VNV8
3ER(N+7.20)	B157	V60X60	150.000	0.017	VNV4	0.027	VNV8
3ER(N+7.20)	B157	V60X60	200.000	0.017	VNV4	0.019	VNV8
3ER(N+7.20)	B157	V60X60	250.000	0.017	VNV4	0.011	VNV8
3ER(N+7.20)	B157	V60X60	300.000	0.017	VNV4	0.004	VNV16
3ER(N+7.20)	B157	V60X60	350.000	0.017	VNV4	0.011	VNV16
3ER(N+7.20)	B157	V60X60	400.000	0.017	VNV4	0.017	VNV16
3ER(N+7.20)	B157	V60X60	450.000	0.017	VNV4	0.023	VNV16
3ER(N+7.20)	B157	V60X60	500.000	0.017	VNV4	0.027	VNV16
3ER(N+7.20)	B157	V60X60	550.000	0.017	VNV4	0.021	VNV16
3ER(N+7.20)	B157	V60X60	600.000	0.017	VNV4	0.015	VNV16
3ER(N+7.20)	B157	V60X60	650.000	0.017	VNV4	0.009	VNV16
3ER(N+7.20)	B157	V60X60	700.000	0.017	VNV4	0.006	VNV8
3ER(N+7.20)	B157	V60X60	750.000	0.017	VNV4	0.014	VNV8
3ER(N+7.20)	B157	V60X60	800.000	0.017	VNV4	0.022	VNV8
3ER(N+7.20)	B157	V60X60	850.000	0.017	VNV4	0.030	VNV8
3ER(N+7.20)	B157	V60X60	900.000	0.017	VNV4	0.038	VNV8
3ER(N+7.20)	B157	V60X60	950.000	0.017	VNV4	0.046	VNV8
3ER(N+7.20)	B157	V60X60	1000.000	0.017	VNV4	0.054	VNV8
3ER(N+7.20)	B188	V60X60	0.000	0.018	VNV4	0.052	VNV8
3ER(N+7.20)	B188	V60X60	50.000	0.018	VNV4	0.044	VNV8
3ER(N+7.20)	B188	V60X60	100.000	0.018	VNV4	0.036	VNV8
3ER(N+7.20)	B188	V60X60	150.000	0.018	VNV4	0.028	VNV8
3ER(N+7.20)	B188	V60X60	200.000	0.018	VNV4	0.019	VNV8
3ER(N+7.20)	B188	V60X60	250.000	0.018	VNV4	0.011	VNV8
3ER(N+7.20)	B188	V60X60	300.000	0.018	VNV4	0.005	VNV16
3ER(N+7.20)	B188	V60X60	350.000	0.018	VNV4	0.011	VNV16
3ER(N+7.20)	B188	V60X60	400.000	0.018	VNV4	0.017	VNV16
3ER(N+7.20)	B188	V60X60	450.000	0.018	VNV4	0.023	VNV16
3ER(N+7.20)	B188	V60X60	500.000	0.018	VNV4	0.029	VNV16
3ER(N+7.20)	B188	V60X60	550.000	0.018	VNV4	0.023	VNV16
3ER(N+7.20)	B188	V60X60	600.000	0.018	VNV4	0.016	VNV16
3ER(N+7.20)	B188	V60X60	650.000	0.018	VNV4	0.010	VNV16
3ER(N+7.20)	B188	V60X60	700.000	0.018	VNV4	0.004	VNV16
3ER(N+7.20)	B188	V60X60	750.000	0.018	VNV4	0.012	VNV8
3ER(N+7.20)	B188	V60X60	800.000	0.018	VNV4	0.020	VNV8
3ER(N+7.20)	B188	V60X60	850.000	0.018	VNV4	0.028	VNV8
3ER(N+7.20)	B188	V60X60	900.000	0.018	VNV4	0.036	VNV8
3ER(N+7.20)	B188	V60X60	950.000	0.018	VNV4	0.044	VNV8
3ER(N+7.20)	B188	V60X60	1000.000	0.018	VNV4	0.052	VNV8
3ER(N+7.20)	B270	V60X60	0.000	0.000	VNV16	0.012	VNV8
3ER(N+7.20)	B270	V60X60	45.000	0.000	VNV16	0.010	VNV8
3ER(N+7.20)	B270	V60X60	90.000	0.000	VNV16	0.007	VNV8
3ER(N+7.20)	B270	V60X60	135.000	0.000	VNV16	0.008	VNV8
3ER(N+7.20)	B270	V60X60	180.000	0.000	VNV16	0.011	VNV8
3ER(N+7.20)	B272	V60X60	0.000	0.000	VNV16	0.012	VNV8




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 308 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B272	V60X60	45.000	0.000	VNV16	0.010	VNV8
3ER(N+7.20)	B272	V60X60	90.000	0.000	VNV16	0.007	VNV8
3ER(N+7.20)	B272	V60X60	135.000	0.000	VNV16	0.008	VNV8
3ER(N+7.20)	B272	V60X60	180.000	0.000	VNV16	0.011	VNV8
3ER(N+7.20)	B274	V60X60	0.000	0.000	VNV16	0.009	VNV8
3ER(N+7.20)	B274	V60X60	40.000	0.000	VNV16	0.007	VNV8
3ER(N+7.20)	B274	V60X60	80.000	0.000	VNV16	0.008	VNV8
3ER(N+7.20)	B274	V60X60	120.000	0.000	VNV16	0.010	VNV8
3ER(N+7.20)	B276	V60X60	0.000	0.012	VNV4	0.404	VNV8
3ER(N+7.20)	B276	V60X60	46.000	0.012	VNV4	0.401	VNV8
3ER(N+7.20)	B276	V60X60	92.000	0.012	VNV4	0.398	VNV8
3ER(N+7.20)	B276	V60X60	138.000	0.012	VNV4	0.396	VNV8
3ER(N+7.20)	B276	V60X60	184.000	0.012	VNV4	0.393	VNV8
3ER(N+7.20)	B276	V60X60	230.000	0.012	VNV4	0.390	VNV8
3ER(N+7.20)	B286	V60X60	60.000	0.012	VNV12	0.382	VNV8
3ER(N+7.20)	B286	V60X60	106.000	0.012	VNV12	0.385	VNV8
3ER(N+7.20)	B286	V60X60	152.000	0.012	VNV12	0.388	VNV8
3ER(N+7.20)	B286	V60X60	198.000	0.012	VNV12	0.390	VNV8
3ER(N+7.20)	B286	V60X60	244.000	0.012	VNV12	0.393	VNV8
3ER(N+7.20)	B286	V60X60	290.000	0.012	VNV12	0.396	VNV8
3ER(N+7.20)	B288	V60X60	0.000	0.000	VNV16	0.010	VNV8
3ER(N+7.20)	B288	V60X60	40.000	0.000	VNV16	0.008	VNV8
3ER(N+7.20)	B288	V60X60	80.000	0.000	VNV16	0.007	VNV8
3ER(N+7.20)	B288	V60X60	120.000	0.000	VNV16	0.009	VNV8
3ER(N+7.20)	B296	V60X60	0.000	0.000	VNV16	0.279	VNV8
3ER(N+7.20)	B296	V60X60	48.000	0.000	VNV16	0.265	VNV8
3ER(N+7.20)	B296	V60X60	96.000	0.000	VNV16	0.251	VNV8
3ER(N+7.20)	B296	V60X60	144.000	0.000	VNV16	0.237	VNV8
3ER(N+7.20)	B296	V60X60	192.000	0.000	VNV16	0.237	VNV8
3ER(N+7.20)	B296	V60X60	240.000	0.000	VNV16	0.250	VNV8
3ER(N+7.20)	B296	V60X60	240.000	0.000	VNV16	0.250	VNV8
3ER(N+7.20)	B296	V60X60	273.753	0.000	VNV16	0.259	VNV8
3ER(N+7.20)	B296	V60X60	307.507	0.000	VNV16	0.269	VNV8
3ER(N+7.20)	B296	V60X60	341.260	0.000	VNV16	0.278	VNV8
3ER(N+7.20)	B297	V60X60	0.000	0.000	VNV16	0.284	VNV8
3ER(N+7.20)	B297	V60X60	48.000	0.000	VNV16	0.270	VNV8
3ER(N+7.20)	B297	V60X60	96.000	0.000	VNV16	0.257	VNV8
3ER(N+7.20)	B297	V60X60	144.000	0.000	VNV16	0.243	VNV8
3ER(N+7.20)	B297	V60X60	192.000	0.000	VNV16	0.230	VNV16
3ER(N+7.20)	B297	V60X60	240.000	0.000	VNV16	0.242	VNV8
3ER(N+7.20)	B297	V60X60	240.000	0.000	VNV16	0.242	VNV8
3ER(N+7.20)	B297	V60X60	273.753	0.000	VNV16	0.251	VNV8
3ER(N+7.20)	B297	V60X60	307.507	0.000	VNV16	0.261	VNV8
3ER(N+7.20)	B297	V60X60	341.260	0.000	VNV16	0.270	VNV8
3ER(N+7.20)	B306	V40X60	0.000	0.049	VNV8	0.024	VNV16
3ER(N+7.20)	B306	V40X60	41.727	0.049	VNV8	0.018	VNV16
3ER(N+7.20)	B306	V40X60	83.455	0.049	VNV8	0.013	VNV16
3ER(N+7.20)	B306	V40X60	125.182	0.049	VNV8	0.018	VNV16
3ER(N+7.20)	B306	V40X60	166.909	0.049	VNV8	0.024	VNV16
3ER(N+7.20)	B307	V40X60	0.000	0.031	VNV4	0.025	VNV16
3ER(N+7.20)	B307	V40X60	44.364	0.031	VNV4	0.019	VNV16
3ER(N+7.20)	B307	V40X60	88.727	0.031	VNV4	0.019	VNV16
3ER(N+7.20)	B307	V40X60	133.091	0.031	VNV4	0.025	VNV16
3ER(N+7.20)	B308	V40X60	0.000	0.022	VNV4	0.194	VNV8
3ER(N+7.20)	B308	V40X60	41.057	0.022	VNV4	0.185	VNV8
3ER(N+7.20)	B308	V40X60	82.114	0.022	VNV4	0.178	VNV8
3ER(N+7.20)	B308	V40X60	123.171	0.022	VNV4	0.173	VNV8
3ER(N+7.20)	B308	V40X60	164.227	0.022	VNV4	0.171	VNV8
3ER(N+7.20)	B308	V40X60	205.284	0.022	VNV4	0.174	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 309 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B309	V40X60	0.000	0.022	VNV4	0.173	VNV8
3ER(N+7.20)	B309	V40X60	41.057	0.022	VNV4	0.171	VNV8
3ER(N+7.20)	B309	V40X60	82.114	0.022	VNV4	0.174	VNV8
3ER(N+7.20)	B309	V40X60	123.171	0.022	VNV4	0.179	VNV8
3ER(N+7.20)	B309	V40X60	164.228	0.022	VNV4	0.186	VNV8
3ER(N+7.20)	B309	V40X60	205.285	0.022	VNV4	0.195	VNV8
3ER(N+7.20)	B311	V40X60	0.000	0.030	VNV4	0.032	VNV8
3ER(N+7.20)	B311	V40X60	44.363	0.030	VNV4	0.022	VNV8
3ER(N+7.20)	B311	V40X60	88.727	0.030	VNV4	0.023	VNV8
3ER(N+7.20)	B311	V40X60	133.090	0.030	VNV4	0.033	VNV8
3ER(N+7.20)	B312	V40X60	0.000	0.048	VNV8	0.024	VNV16
3ER(N+7.20)	B312	V40X60	41.728	0.048	VNV8	0.019	VNV16
3ER(N+7.20)	B312	V40X60	83.455	0.048	VNV8	0.013	VNV16
3ER(N+7.20)	B312	V40X60	125.183	0.048	VNV8	0.018	VNV16
3ER(N+7.20)	B312	V40X60	166.910	0.048	VNV8	0.024	VNV16
3ER(N+7.20)	B322	V20X60	0.000	0.000	VNV16	0.012	VNV8
3ER(N+7.20)	B322	V20X60	46.364	0.000	VNV16	0.011	VNV8
3ER(N+7.20)	B322	V20X60	92.727	0.000	VNV16	0.010	VNV8
3ER(N+7.20)	B322	V20X60	139.091	0.000	VNV16	0.009	VNV8
3ER(N+7.20)	B322	V20X60	185.454	0.000	VNV16	0.008	VNV8
3ER(N+7.20)	B322	V20X60	231.818	0.000	VNV16	0.007	VNV8
3ER(N+7.20)	B322	V20X60	278.182	0.000	VNV16	0.007	VNV8
3ER(N+7.20)	B322	V20X60	324.545	0.000	VNV16	0.008	VNV8
3ER(N+7.20)	B322	V20X60	370.909	0.000	VNV16	0.009	VNV8
3ER(N+7.20)	B322	V20X60	417.273	0.000	VNV16	0.010	VNV8
3ER(N+7.20)	B322	V20X60	463.636	0.000	VNV16	0.011	VNV8
3ER(N+7.20)	B322	V20X60	510.000	0.000	VNV16	0.012	VNV8
3ER(N+7.20)	B323	V20X60	0.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	46.861	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	93.721	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	140.582	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	140.582	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	186.418	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	232.255	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	278.091	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	323.927	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	369.764	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	415.600	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	461.436	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	507.273	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B323	V20X60	553.109	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	0.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	45.836	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	91.673	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	137.509	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	183.346	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	229.182	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	275.018	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	320.855	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	366.691	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	412.528	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	412.528	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	459.388	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	506.249	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B324	V20X60	553.110	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B326	V20X60	0.000	0.000	VNV16	0.012	VNV8
3ER(N+7.20)	B326	V20X60	46.364	0.000	VNV16	0.011	VNV8
3ER(N+7.20)	B326	V20X60	92.727	0.000	VNV16	0.011	VNV8
3ER(N+7.20)	B326	V20X60	139.091	0.000	VNV16	0.010	VNV8
3ER(N+7.20)	B326	V20X60	185.455	0.000	VNV16	0.009	VNV8
3ER(N+7.20)	B326	V20X60	231.818	0.000	VNV16	0.008	VNV8
3ER(N+7.20)	B326	V20X60	278.182	0.000	VNV16	0.007	VNV8
3ER(N+7.20)	B326	V20X60	324.545	0.000	VNV16	0.008	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 310 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B326	V20X60	370.909	0.000	VNV16	0.009	VNV8
3ER(N+7.20)	B326	V20X60	417.273	0.000	VNV16	0.010	VNV8
3ER(N+7.20)	B326	V20X60	463.636	0.000	VNV16	0.011	VNV8
3ER(N+7.20)	B326	V20X60	510.000	0.000	VNV16	0.012	VNV8
3ER(N+7.20)	B339	V20X60	0.000	0.000	VNV16	0.044	VNV16
3ER(N+7.20)	B339	V20X60	48.534	0.000	VNV16	0.038	VNV16
3ER(N+7.20)	B339	V20X60	97.068	0.000	VNV16	0.031	VNV16
3ER(N+7.20)	B339	V20X60	145.602	0.000	VNV16	0.024	VNV16
3ER(N+7.20)	B339	V20X60	194.137	0.000	VNV16	0.031	VNV16
3ER(N+7.20)	B339	V20X60	242.671	0.000	VNV16	0.038	VNV16
3ER(N+7.20)	B339	V20X60	291.205	0.000	VNV16	0.044	VNV16
3ER(N+7.20)	B340	V20X60	0.000	0.000	VNV16	0.044	VNV16
3ER(N+7.20)	B340	V20X60	48.534	0.000	VNV16	0.038	VNV16
3ER(N+7.20)	B340	V20X60	97.068	0.000	VNV16	0.031	VNV16
3ER(N+7.20)	B340	V20X60	145.603	0.000	VNV16	0.025	VNV16
3ER(N+7.20)	B340	V20X60	194.137	0.000	VNV16	0.031	VNV16
3ER(N+7.20)	B340	V20X60	242.671	0.000	VNV16	0.038	VNV16
3ER(N+7.20)	B340	V20X60	291.205	0.000	VNV16	0.044	VNV16
3ER(N+7.20)	B341	V20X60	0.000	0.015	VNV8	0.000	VNV16
3ER(N+7.20)	B341	V20X60	47.460	0.015	VNV8	0.000	VNV16
3ER(N+7.20)	B341	V20X60	94.921	0.015	VNV8	0.000	VNV16
3ER(N+7.20)	B341	V20X60	142.381	0.015	VNV8	0.000	VNV16
3ER(N+7.20)	B341	V20X60	189.842	0.015	VNV8	0.000	VNV16
3ER(N+7.20)	B341	V20X60	237.302	0.015	VNV8	0.000	VNV16
3ER(N+7.20)	B341	V20X60	284.763	0.015	VNV8	0.000	VNV16
3ER(N+7.20)	B341	V20X60	332.223	0.015	VNV8	0.000	VNV16
3ER(N+7.20)	B341	V20X60	379.683	0.015	VNV8	0.000	VNV16
3ER(N+7.20)	B342	V20X60	0.000	0.016	VNV8	0.000	VNV16
3ER(N+7.20)	B342	V20X60	47.460	0.016	VNV8	0.000	VNV16
3ER(N+7.20)	B342	V20X60	94.921	0.016	VNV8	0.000	VNV16
3ER(N+7.20)	B342	V20X60	142.381	0.016	VNV8	0.000	VNV16
3ER(N+7.20)	B342	V20X60	189.842	0.016	VNV8	0.000	VNV16
3ER(N+7.20)	B342	V20X60	237.302	0.016	VNV8	0.000	VNV16
3ER(N+7.20)	B342	V20X60	284.763	0.016	VNV8	0.000	VNV16
3ER(N+7.20)	B342	V20X60	332.223	0.016	VNV8	0.000	VNV16
3ER(N+7.20)	B342	V20X60	379.684	0.016	VNV8	0.000	VNV16
3ER(N+7.20)	B348	V20X60	0.000	0.000	VNV16	0.033	VNV8
3ER(N+7.20)	B348	V20X60	50.000	0.000	VNV16	0.032	VNV8
3ER(N+7.20)	B348	V20X60	100.000	0.000	VNV16	0.033	VNV8
3ER(N+7.20)	B350	V20X60	0.000	0.000	VNV16	0.033	VNV8
3ER(N+7.20)	B350	V20X60	50.000	0.000	VNV16	0.032	VNV8
3ER(N+7.20)	B350	V20X60	100.000	0.000	VNV16	0.033	VNV8
3ER(N+7.20)	B351	V60X60	0.000	0.000	VNV16	0.155	VNV8
3ER(N+7.20)	B351	V60X60	40.369	0.000	VNV16	0.152	VNV8
3ER(N+7.20)	B351	V60X60	80.737	0.000	VNV16	0.149	VNV8
3ER(N+7.20)	B352	V60X60	0.000	0.000	VNV16	0.161	VNV8
3ER(N+7.20)	B352	V60X60	31.812	0.000	VNV16	0.163	VNV8
3ER(N+7.20)	B353	V20X60	0.000	0.000	VNV16	0.023	VNV8
3ER(N+7.20)	B353	V20X60	48.186	0.000	VNV16	0.014	VNV8
3ER(N+7.20)	B353	V20X60	96.372	0.000	VNV16	0.015	VNV8
3ER(N+7.20)	B353	V20X60	144.558	0.000	VNV16	0.018	VNV8
3ER(N+7.20)	B353	V20X60	144.558	0.000	VNV16	0.013	VNV8
3ER(N+7.20)	B353	V20X60	171.853	0.000	VNV16	0.013	VNV8
3ER(N+7.20)	B353	V20X60	171.853	0.000	VNV16	0.014	VNV8
3ER(N+7.20)	B353	V20X60	214.418	0.000	VNV16	0.013	VNV8
3ER(N+7.20)	B354	V20X60	0.000	0.000	VNV16	0.013	VNV16
3ER(N+7.20)	B354	V20X60	34.930	0.000	VNV16	0.012	VNV16
3ER(N+7.20)	B354	V20X60	69.860	0.000	VNV16	0.014	VNV16
3ER(N+7.20)	B354	V20X60	69.860	0.000	VNV16	0.015	VNV16



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 311 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B354	V20X60	118.046	0.000	VNV16	0.013	VNV16
3ER(N+7.20)	B354	V20X60	166.232	0.000	VNV16	0.013	VNV16
3ER(N+7.20)	B354	V20X60	214.418	0.000	VNV16	0.018	VNV16
3ER(N+7.20)	B357	V60X60	0.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B357	V60X60	46.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B357	V60X60	92.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B357	V60X60	138.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B357	V60X60	184.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B357	V60X60	230.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B358	V60X60	0.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B358	V60X60	46.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B358	V60X60	92.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B358	V60X60	138.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B358	V60X60	184.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B358	V60X60	230.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B359	V20X60	0.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B359	V20X60	47.147	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B359	V20X60	94.295	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B359	V20X60	141.442	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B359	V20X60	188.589	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B359	V20X60	235.737	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B359	V20X60	282.884	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B359	V20X60	330.031	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B359	V20X60	330.031	0.016	VNV4	0.000	VNV16
3ER(N+7.20)	B359	V20X60	377.179	0.016	VNV4	0.000	VNV16
3ER(N+7.20)	B359	V20X60	424.326	0.016	VNV4	0.000	VNV16
3ER(N+7.20)	B359	V20X60	471.473	0.016	VNV4	0.000	VNV16
3ER(N+7.20)	B359	V20X60	518.621	0.016	VNV4	0.000	VNV16
3ER(N+7.20)	B359	V20X60	565.768	0.016	VNV4	7.384E-04	VNV8
3ER(N+7.20)	B359	V20X60	612.915	0.016	VNV4	0.005	VNV8
3ER(N+7.20)	B359	V20X60	660.063	0.016	VNV4	0.008	VNV8
3ER(N+7.20)	B360	V20X60	0.000	0.016	VNV4	0.008	VNV8
3ER(N+7.20)	B360	V20X60	47.147	0.016	VNV4	0.004	VNV8
3ER(N+7.20)	B360	V20X60	94.295	0.016	VNV4	5.746E-04	VNV8
3ER(N+7.20)	B360	V20X60	141.442	0.016	VNV4	0.000	VNV16
3ER(N+7.20)	B360	V20X60	188.589	0.016	VNV4	0.000	VNV16
3ER(N+7.20)	B360	V20X60	235.737	0.016	VNV4	0.000	VNV16
3ER(N+7.20)	B360	V20X60	282.884	0.016	VNV4	0.000	VNV16
3ER(N+7.20)	B360	V20X60	330.031	0.016	VNV4	0.000	VNV16
3ER(N+7.20)	B360	V20X60	330.031	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B360	V20X60	377.179	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B360	V20X60	424.326	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B360	V20X60	471.473	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B360	V20X60	518.621	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B360	V20X60	565.768	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B360	V20X60	612.915	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B360	V20X60	660.063	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B387	V20X60	0.000	0.000	VNV16	0.005	VNV12
3ER(N+7.20)	B387	V20X60	49.864	0.000	VNV16	0.004	VNV12
3ER(N+7.20)	B387	V20X60	99.729	0.000	VNV16	0.003	VNV12
3ER(N+7.20)	B387	V20X60	149.593	0.000	VNV16	0.002	VNV12
3ER(N+7.20)	B387	V20X60	199.458	0.000	VNV16	0.001	VNV12
3ER(N+7.20)	B387	V20X60	249.322	0.000	VNV16	7.096E-05	VNV12
3ER(N+7.20)	B387	V20X60	299.186	0.000	VNV16	8.627E-04	VNV12
3ER(N+7.20)	B387	V20X60	349.051	0.000	VNV16	0.002	VNV12
3ER(N+7.20)	B387	V20X60	398.915	0.000	VNV16	0.003	VNV12
3ER(N+7.20)	B387	V20X60	448.780	0.000	VNV16	0.005	VNV12
3ER(N+7.20)	B387	V20X60	448.780	0.000	VNV16	0.003	VNV12
3ER(N+7.20)	B387	V20X60	498.644	0.000	VNV16	0.003	VNV12
3ER(N+7.20)	B387	V20X60	548.508	0.000	VNV16	0.002	VNV12
3ER(N+7.20)	B387	V20X60	598.373	0.000	VNV16	6.343E-04	VNV12
3ER(N+7.20)	B387	V20X60	648.237	0.000	VNV16	2.994E-04	VNV12
3ER(N+7.20)	B387	V20X60	698.102	0.000	VNV16	0.001	VNV12
3ER(N+7.20)	B387	V20X60	747.966	0.000	VNV16	0.002	VNV12



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 312 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B387	V20X60	797.831	0.000	VNV16	0.003	VNV12
3ER(N+7.20)	B387	V20X60	847.695	0.000	VNV16	0.004	VNV12
3ER(N+7.20)	B387	V20X60	897.560	0.000	VNV16	0.005	VNV12
3ER(N+7.20)	B388	V60X60	0.000	0.027	VNV4	0.112	VNV8
3ER(N+7.20)	B388	V60X60	49.402	0.027	VNV4	0.106	VNV8
3ER(N+7.20)	B388	V60X60	98.805	0.027	VNV4	0.100	VNV8
3ER(N+7.20)	B388	V60X60	148.207	0.027	VNV4	0.094	VNV8
3ER(N+7.20)	B388	V60X60	197.610	0.027	VNV4	0.088	VNV8
3ER(N+7.20)	B388	V60X60	247.012	0.027	VNV4	0.082	VNV8
3ER(N+7.20)	B388	V60X60	296.415	0.027	VNV4	0.076	VNV8
3ER(N+7.20)	B388	V60X60	345.817	0.027	VNV4	0.071	VNV8
3ER(N+7.20)	B388	V60X60	395.220	0.027	VNV4	0.071	VNV8
3ER(N+7.20)	B388	V60X60	444.622	0.027	VNV4	0.076	VNV8
3ER(N+7.20)	B388	V60X60	494.025	0.027	VNV4	0.080	VNV8
3ER(N+7.20)	B388	V60X60	543.427	0.027	VNV4	0.085	VNV8
3ER(N+7.20)	B388	V60X60	592.830	0.027	VNV4	0.088	VNV8
3ER(N+7.20)	B388	V60X60	642.232	0.027	VNV4	0.092	VNV8
3ER(N+7.20)	B388	V60X60	691.635	0.027	VNV4	0.095	VNV8
3ER(N+7.20)	B389	V60X60	0.000	0.026	VNV4	0.095	VNV8
3ER(N+7.20)	B389	V60X60	49.402	0.026	VNV4	0.092	VNV8
3ER(N+7.20)	B389	V60X60	98.805	0.026	VNV4	0.089	VNV8
3ER(N+7.20)	B389	V60X60	148.207	0.026	VNV4	0.085	VNV8
3ER(N+7.20)	B389	V60X60	197.610	0.026	VNV4	0.081	VNV8
3ER(N+7.20)	B389	V60X60	247.012	0.026	VNV4	0.076	VNV8
3ER(N+7.20)	B389	V60X60	296.415	0.026	VNV4	0.072	VNV16
3ER(N+7.20)	B389	V60X60	345.817	0.026	VNV4	0.076	VNV8
3ER(N+7.20)	B389	V60X60	395.220	0.026	VNV4	0.081	VNV8
3ER(N+7.20)	B389	V60X60	444.622	0.026	VNV4	0.087	VNV8
3ER(N+7.20)	B389	V60X60	494.025	0.026	VNV4	0.093	VNV8
3ER(N+7.20)	B389	V60X60	543.427	0.026	VNV4	0.099	VNV8
3ER(N+7.20)	B389	V60X60	592.830	0.026	VNV4	0.105	VNV8
3ER(N+7.20)	B389	V60X60	642.232	0.026	VNV4	0.111	VNV8
3ER(N+7.20)	B389	V60X60	691.635	0.026	VNV4	0.117	VNV8
3ER(N+7.20)	B394	V60X90	0.000	0.036	VNV8	0.184	VNV8
3ER(N+7.20)	B394	V60X90	49.140	0.036	VNV8	0.174	VNV8
3ER(N+7.20)	B394	V60X90	98.279	0.036	VNV8	0.162	VNV8
3ER(N+7.20)	B394	V60X90	147.419	0.036	VNV8	0.148	VNV8
3ER(N+7.20)	B395	V60X60	0.000	0.000	VNV16	0.119	VNV8
3ER(N+7.20)	B395	V60X60	48.333	0.000	VNV16	0.097	VNV8
3ER(N+7.20)	B395	V60X60	96.667	0.000	VNV16	0.076	VNV8
3ER(N+7.20)	B395	V60X60	145.000	0.000	VNV16	0.064	VNV8
3ER(N+7.20)	B396	V60X90	0.000	0.036	VNV8	0.147	VNV8
3ER(N+7.20)	B396	V60X90	49.140	0.036	VNV8	0.161	VNV8
3ER(N+7.20)	B396	V60X90	98.279	0.036	VNV8	0.173	VNV8
3ER(N+7.20)	B396	V60X90	147.419	0.036	VNV8	0.183	VNV8
3ER(N+7.20)	B397	V60X100	0.000	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	47.537	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	95.075	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	142.612	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	190.149	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	237.687	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	285.224	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	332.761	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	380.299	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	427.836	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	475.374	0.035	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	475.374	0.034	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	522.911	0.034	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	570.448	0.034	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	617.986	0.034	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	665.523	0.034	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	713.061	0.034	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	760.598	0.034	VNV8	0.000	VNV16



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 313 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B397	V60X100	808.135	0.034	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	855.673	0.034	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	903.210	0.034	VNV8	0.000	VNV16
3ER(N+7.20)	B397	V60X100	950.748	0.034	VNV8	0.000	VNV16
3ER(N+7.20)	B402	V30X60	0.000	0.015	VNV4	0.007	VNV8
3ER(N+7.20)	B402	V30X60	48.120	0.015	VNV4	0.001	VNV8
3ER(N+7.20)	B402	V30X60	96.240	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	144.360	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	192.481	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	240.601	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	288.721	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	336.841	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	384.961	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	433.081	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	481.202	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	529.322	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	577.442	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B402	V30X60	625.562	0.015	VNV4	0.004	VNV8
3ER(N+7.20)	B402	V30X60	673.682	0.015	VNV4	0.012	VNV8
3ER(N+7.20)	B402	V30X60	721.802	0.015	VNV4	0.020	VNV8
3ER(N+7.20)	B402	V30X60	769.922	0.015	VNV4	0.028	VNV8
3ER(N+7.20)	B402	V30X60	818.043	0.015	VNV4	0.038	VNV8
3ER(N+7.20)	B403	V30X60	0.000	0.015	VNV4	0.032	VNV8
3ER(N+7.20)	B403	V30X60	49.905	0.015	VNV4	0.021	VNV8
3ER(N+7.20)	B403	V30X60	99.811	0.015	VNV4	0.012	VNV8
3ER(N+7.20)	B403	V30X60	149.716	0.015	VNV4	0.004	VNV8
3ER(N+7.20)	B403	V30X60	199.622	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	249.527	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	299.433	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	349.338	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	399.244	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	449.149	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	499.055	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	548.960	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	598.866	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	648.771	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	698.677	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	748.582	0.015	VNV4	0.000	VNV16
3ER(N+7.20)	B403	V30X60	798.488	0.015	VNV4	9.343E-04	VNV8
3ER(N+7.20)	B404	V40X60	0.000	0.000	VNV16	0.070	VNV16
3ER(N+7.20)	B404	V40X60	49.320	0.000	VNV16	0.068	VNV16
3ER(N+7.20)	B404	V40X60	98.639	0.000	VNV16	0.065	VNV16
3ER(N+7.20)	B404	V40X60	147.959	0.000	VNV16	0.061	VNV16
3ER(N+7.20)	B404	V40X60	197.279	0.000	VNV16	0.057	VNV16
3ER(N+7.20)	B404	V40X60	246.598	0.000	VNV16	0.054	VNV16
3ER(N+7.20)	B404	V40X60	295.918	0.000	VNV16	0.050	VNV16
3ER(N+7.20)	B404	V40X60	345.238	0.000	VNV16	0.046	VNV16
3ER(N+7.20)	B404	V40X60	394.557	0.000	VNV16	0.042	VNV16
3ER(N+7.20)	B404	V40X60	443.877	0.000	VNV16	0.041	VNV16
3ER(N+7.20)	B404	V40X60	493.197	0.000	VNV16	0.045	VNV16
3ER(N+7.20)	B404	V40X60	542.517	0.000	VNV16	0.049	VNV16
3ER(N+7.20)	B404	V40X60	591.836	0.000	VNV16	0.053	VNV16
3ER(N+7.20)	B404	V40X60	641.156	0.000	VNV16	0.057	VNV16
3ER(N+7.20)	B404	V40X60	690.476	0.000	VNV16	0.061	VNV16
3ER(N+7.20)	B404	V40X60	739.795	0.000	VNV16	0.065	VNV16
3ER(N+7.20)	B404	V40X60	789.115	0.000	VNV16	0.069	VNV16
3ER(N+7.20)	B405	V40X60	0.000	0.000	VNV16	0.071	VNV16
3ER(N+7.20)	B405	V40X60	49.320	0.000	VNV16	0.067	VNV16
3ER(N+7.20)	B405	V40X60	98.639	0.000	VNV16	0.063	VNV16
3ER(N+7.20)	B405	V40X60	147.959	0.000	VNV16	0.059	VNV16
3ER(N+7.20)	B405	V40X60	197.279	0.000	VNV16	0.055	VNV16
3ER(N+7.20)	B405	V40X60	246.598	0.000	VNV16	0.051	VNV16
3ER(N+7.20)	B405	V40X60	295.918	0.000	VNV16	0.047	VNV16
3ER(N+7.20)	B405	V40X60	345.238	0.000	VNV16	0.043	VNV16
3ER(N+7.20)	B405	V40X60	394.557	0.000	VNV16	0.044	VNV16







Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 314 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B405	V40X60	443.877	0.000	VNV16	0.048	VNV16
3ER(N+7.20)	B405	V40X60	493.197	0.000	VNV16	0.052	VNV16
3ER(N+7.20)	B405	V40X60	542.517	0.000	VNV16	0.057	VNV16
3ER(N+7.20)	B405	V40X60	591.836	0.000	VNV16	0.061	VNV16
3ER(N+7.20)	B405	V40X60	641.156	0.000	VNV16	0.065	VNV16
3ER(N+7.20)	B405	V40X60	690.476	0.000	VNV16	0.069	VNV16
3ER(N+7.20)	B405	V40X60	739.795	0.000	VNV16	0.072	VNV16
3ER(N+7.20)	B405	V40X60	789.115	0.000	VNV16	0.075	VNV16
3ER(N+7.20)	B406	V50X60	0.000	0.000	VNV16	0.096	VNV16
3ER(N+7.20)	B406	V50X60	48.604	0.000	VNV16	0.093	VNV16
3ER(N+7.20)	B406	V50X60	97.208	0.000	VNV16	0.089	VNV16
3ER(N+7.20)	B406	V50X60	145.811	0.000	VNV16	0.086	VNV16
3ER(N+7.20)	B406	V50X60	194.415	0.000	VNV16	0.082	VNV16
3ER(N+7.20)	B406	V50X60	243.019	0.000	VNV16	0.079	VNV16
3ER(N+7.20)	B406	V50X60	291.623	0.000	VNV16	0.075	VNV16
3ER(N+7.20)	B406	V50X60	340.226	0.000	VNV16	0.072	VNV16
3ER(N+7.20)	B406	V50X60	388.830	0.000	VNV16	0.069	VNV16
3ER(N+7.20)	B406	V50X60	437.434	0.000	VNV16	0.066	VNV16
3ER(N+7.20)	B406	V50X60	486.038	0.000	VNV16	0.067	VNV16
3ER(N+7.20)	B406	V50X60	486.038	0.014	VNV8	0.105	VNV16
3ER(N+7.20)	B406	V50X60	536.038	0.014	VNV8	0.108	VNV16
3ER(N+7.20)	B406	V50X60	586.038	0.014	VNV8	0.114	VNV16
3ER(N+7.20)	B406	V50X60	636.038	0.014	VNV8	0.120	VNV16
3ER(N+7.20)	B406	V50X60	686.038	0.014	VNV8	0.128	VNV16
3ER(N+7.20)	B410	V50X60	0.000	0.000	VNV16	0.097	VNV16
3ER(N+7.20)	B410	V50X60	48.604	0.000	VNV16	0.093	VNV16
3ER(N+7.20)	B410	V50X60	97.208	0.000	VNV16	0.090	VNV16
3ER(N+7.20)	B410	V50X60	145.811	0.000	VNV16	0.086	VNV16
3ER(N+7.20)	B410	V50X60	194.415	0.000	VNV16	0.083	VNV16
3ER(N+7.20)	B410	V50X60	243.019	0.000	VNV16	0.079	VNV16
3ER(N+7.20)	B410	V50X60	291.623	0.000	VNV16	0.076	VNV16
3ER(N+7.20)	B410	V50X60	340.226	0.000	VNV16	0.073	VNV16
3ER(N+7.20)	B410	V50X60	388.830	0.000	VNV16	0.070	VNV16
3ER(N+7.20)	B410	V50X60	437.434	0.000	VNV16	0.066	VNV16
3ER(N+7.20)	B410	V50X60	486.038	0.000	VNV16	0.064	VNV16
3ER(N+7.20)	B410	V50X60	486.038	0.015	VNV4	0.106	VNV16
3ER(N+7.20)	B410	V50X60	536.038	0.015	VNV4	0.109	VNV16
3ER(N+7.20)	B410	V50X60	586.038	0.015	VNV4	0.112	VNV16
3ER(N+7.20)	B410	V50X60	636.038	0.015	VNV4	0.115	VNV16
3ER(N+7.20)	B410	V50X60	686.038	0.015	VNV4	0.118	VNV16
3ER(N+7.20)	B426	V40X60	0.000	0.023	VNV8	0.001	VNV12
3ER(N+7.20)	B426	V40X60	46.404	0.023	VNV8	7.430E-04	VNV12
3ER(N+7.20)	B426	V40X60	92.808	0.023	VNV8	0.003	VNV12
3ER(N+7.20)	B426	V40X60	139.211	0.023	VNV8	0.005	VNV12
3ER(N+7.20)	B426	V40X60	185.615	0.023	VNV8	0.007	VNV12
3ER(N+7.20)	B426	V40X60	232.019	0.023	VNV8	0.010	VNV12
3ER(N+7.20)	B426	V40X60	278.423	0.023	VNV8	0.008	VNV12
3ER(N+7.20)	B426	V40X60	324.827	0.023	VNV8	0.005	VNV12
3ER(N+7.20)	B426	V40X60	371.231	0.023	VNV8	0.002	VNV12
3ER(N+7.20)	B426	V40X60	417.634	0.023	VNV8	7.752E-04	VNV12
3ER(N+7.20)	B426	V40X60	464.038	0.023	VNV8	0.004	VNV12
3ER(N+7.20)	B426	V40X60	510.442	0.023	VNV8	0.007	VNV12
3ER(N+7.20)	B426	V40X60	556.846	0.023	VNV8	0.011	VNV12
3ER(N+7.20)	B426	V40X60	603.250	0.023	VNV8	0.015	VNV12
3ER(N+7.20)	B428	V40X60	0.000	0.023	VNV8	0.035	VNV16
3ER(N+7.20)	B428	V40X60	46.404	0.023	VNV8	0.034	VNV16
3ER(N+7.20)	B428	V40X60	92.808	0.023	VNV8	0.032	VNV16
3ER(N+7.20)	B428	V40X60	139.212	0.023	VNV8	0.030	VNV16
3ER(N+7.20)	B428	V40X60	185.616	0.023	VNV8	0.029	VNV16
3ER(N+7.20)	B428	V40X60	232.019	0.023	VNV8	0.027	VNV16
3ER(N+7.20)	B428	V40X60	278.423	0.023	VNV8	0.024	VNV16
3ER(N+7.20)	B428	V40X60	324.827	0.023	VNV8	0.022	VNV16
3ER(N+7.20)	B428	V40X60	371.231	0.023	VNV8	0.020	VNV16
3ER(N+7.20)	B428	V40X60	417.635	0.023	VNV8	0.021	VNV16
3ER(N+7.20)	B428	V40X60	464.039	0.023	VNV8	0.024	VNV16




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 315 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B428	V40X60	510.443	0.023	VNV8	0.027	VNV16
3ER(N+7.20)	B428	V40X60	556.847	0.023	VNV8	0.029	VNV16
3ER(N+7.20)	B428	V40X60	603.251	0.023	VNV8	0.032	VNV16
3ER(N+7.20)	B433	V40X60	0.000	0.021	VNV8	0.005	VNV8
3ER(N+7.20)	B433	V40X60	37.500	0.021	VNV8	0.003	VNV8
3ER(N+7.20)	B433	V40X60	75.000	0.021	VNV8	0.004	VNV8
3ER(N+7.20)	B435	V40X60	0.000	0.021	VNV8	0.004	VNV8
3ER(N+7.20)	B435	V40X60	41.306	0.021	VNV8	0.004	VNV8
3ER(N+7.20)	B435	V40X60	41.306	0.025	VNV4	0.007	VNV8
3ER(N+7.20)	B435	V40X60	79.729	0.025	VNV4	0.005	VNV8
3ER(N+7.20)	B435	V40X60	118.153	0.025	VNV4	0.004	VNV8
3ER(N+7.20)	B435	V40X60	156.576	0.025	VNV4	0.005	VNV8
3ER(N+7.20)	B435	V40X60	195.000	0.025	VNV4	0.006	VNV8
3ER(N+7.20)	B437	V40X60	0.000	0.000	VNV16	0.192	VNV8
3ER(N+7.20)	B437	V40X60	46.160	0.000	VNV16	0.183	VNV8
3ER(N+7.20)	B437	V40X60	92.319	0.000	VNV16	0.175	VNV8
3ER(N+7.20)	B437	V40X60	138.479	0.000	VNV16	0.167	VNV8
3ER(N+7.20)	B437	V40X60	184.639	0.000	VNV16	0.160	VNV8
3ER(N+7.20)	B437	V40X60	230.798	0.000	VNV16	0.152	VNV8
3ER(N+7.20)	B437	V40X60	276.958	0.000	VNV16	0.151	VNV8
3ER(N+7.20)	B437	V40X60	323.117	0.000	VNV16	0.157	VNV8
3ER(N+7.20)	B437	V40X60	369.277	0.000	VNV16	0.164	VNV8
3ER(N+7.20)	B437	V40X60	415.437	0.000	VNV16	0.168	VNV8
3ER(N+7.20)	B443	V40X60	0.000	0.000	VNV16	0.171	VNV8
3ER(N+7.20)	B443	V40X60	46.160	0.000	VNV16	0.167	VNV8
3ER(N+7.20)	B443	V40X60	92.319	0.000	VNV16	0.160	VNV8
3ER(N+7.20)	B443	V40X60	138.479	0.000	VNV16	0.156	VNV8
3ER(N+7.20)	B443	V40X60	184.639	0.000	VNV16	0.164	VNV8
3ER(N+7.20)	B443	V40X60	230.798	0.000	VNV16	0.173	VNV8
3ER(N+7.20)	B443	V40X60	276.958	0.000	VNV16	0.182	VNV8
3ER(N+7.20)	B443	V40X60	323.118	0.000	VNV16	0.192	VNV8
3ER(N+7.20)	B443	V40X60	369.277	0.000	VNV16	0.202	VNV8
3ER(N+7.20)	B443	V40X60	415.437	0.000	VNV16	0.213	VNV8
3ER(N+7.20)	B445	V40X60	0.000	0.029	VNV4	0.010	VNV16
3ER(N+7.20)	B445	V40X60	38.424	0.029	VNV4	0.008	VNV16
3ER(N+7.20)	B445	V40X60	76.848	0.029	VNV4	0.005	VNV16
3ER(N+7.20)	B445	V40X60	115.271	0.029	VNV4	0.008	VNV16
3ER(N+7.20)	B445	V40X60	153.695	0.029	VNV4	0.010	VNV16
3ER(N+7.20)	B445	V40X60	153.695	0.020	VNV8	0.006	VNV16
3ER(N+7.20)	B445	V40X60	195.000	0.020	VNV8	0.006	VNV16
3ER(N+7.20)	B447	V40X60	0.000	0.020	VNV8	0.004	VNV8
3ER(N+7.20)	B447	V40X60	37.500	0.020	VNV8	0.003	VNV8
3ER(N+7.20)	B447	V40X60	75.000	0.020	VNV8	0.005	VNV8
3ER(N+7.20)	B449	V40X60	0.000	0.024	VNV4	0.008	VNV16
3ER(N+7.20)	B449	V40X60	38.827	0.024	VNV4	0.008	VNV8
3ER(N+7.20)	B449	V40X60	77.654	0.024	VNV4	0.010	VNV8
3ER(N+7.20)	B449	V40X60	116.481	0.024	VNV4	0.012	VNV8
3ER(N+7.20)	B449	V40X60	155.308	0.024	VNV4	0.013	VNV8
3ER(N+7.20)	B451	V40X60	0.000	0.023	VNV4	0.000	VNV16
3ER(N+7.20)	B451	V40X60	38.827	0.023	VNV4	0.000	VNV16
3ER(N+7.20)	B451	V40X60	77.654	0.023	VNV4	0.000	VNV16
3ER(N+7.20)	B451	V40X60	116.481	0.023	VNV4	0.000	VNV16
3ER(N+7.20)	B451	V40X60	155.308	0.023	VNV4	0.000	VNV16
3ER(N+7.20)	B452	V30X60	0.000	0.022	VNV8	0.078	VNV16
3ER(N+7.20)	B452	V30X60	46.875	0.022	VNV8	0.071	VNV16
3ER(N+7.20)	B452	V30X60	93.750	0.022	VNV8	0.064	VNV16
3ER(N+7.20)	B452	V30X60	140.625	0.022	VNV8	0.056	VNV16
3ER(N+7.20)	B452	V30X60	187.500	0.022	VNV8	0.049	VNV16
3ER(N+7.20)	B452	V30X60	234.375	0.022	VNV8	0.042	VNV16
3ER(N+7.20)	B452	V30X60	281.250	0.022	VNV8	0.047	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 316 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B452	V30X60	328.125	0.022	VNV8	0.055	VNV16
3ER(N+7.20)	B452	V30X60	375.000	0.022	VNV8	0.062	VNV16
3ER(N+7.20)	B454	V30X60	0.000	0.000	VNV16	0.104	VNV8
3ER(N+7.20)	B454	V30X60	46.875	0.000	VNV16	0.095	VNV8
3ER(N+7.20)	B454	V30X60	93.750	0.000	VNV16	0.085	VNV8
3ER(N+7.20)	B454	V30X60	140.625	0.000	VNV16	0.076	VNV8
3ER(N+7.20)	B454	V30X60	187.500	0.000	VNV16	0.066	VNV8
3ER(N+7.20)	B454	V30X60	234.375	0.000	VNV16	0.068	VNV8
3ER(N+7.20)	B454	V30X60	281.250	0.000	VNV16	0.078	VNV8
3ER(N+7.20)	B454	V30X60	328.125	0.000	VNV16	0.087	VNV8
3ER(N+7.20)	B454	V30X60	375.000	0.000	VNV16	0.097	VNV8
3ER(N+7.20)	B457	V30X60	0.000	0.000	VNV16	0.097	VNV8
3ER(N+7.20)	B457	V30X60	46.875	0.000	VNV16	0.087	VNV8
3ER(N+7.20)	B457	V30X60	93.750	0.000	VNV16	0.077	VNV8
3ER(N+7.20)	B457	V30X60	140.625	0.000	VNV16	0.068	VNV8
3ER(N+7.20)	B457	V30X60	187.500	0.000	VNV16	0.059	VNV8
3ER(N+7.20)	B457	V30X60	234.375	0.000	VNV16	0.069	VNV8
3ER(N+7.20)	B457	V30X60	281.250	0.000	VNV16	0.078	VNV8
3ER(N+7.20)	B457	V30X60	328.125	0.000	VNV16	0.088	VNV8
3ER(N+7.20)	B457	V30X60	375.000	0.000	VNV16	0.098	VNV8
3ER(N+7.20)	B458	V30X60	0.000	0.012	VNV8	0.109	VNV8
3ER(N+7.20)	B458	V30X60	46.875	0.012	VNV8	0.096	VNV8
3ER(N+7.20)	B458	V30X60	93.750	0.012	VNV8	0.083	VNV8
3ER(N+7.20)	B458	V30X60	140.625	0.012	VNV8	0.070	VNV8
3ER(N+7.20)	B458	V30X60	187.500	0.012	VNV8	0.058	VNV8
3ER(N+7.20)	B458	V30X60	234.375	0.012	VNV8	0.067	VNV8
3ER(N+7.20)	B458	V30X60	281.250	0.012	VNV8	0.080	VNV8
3ER(N+7.20)	B458	V30X60	328.125	0.012	VNV8	0.093	VNV8
3ER(N+7.20)	B458	V30X60	375.000	0.012	VNV8	0.105	VNV8
3ER(N+7.20)	B459	V40X60	0.000	0.070	VNV4	0.005	VNV16
3ER(N+7.20)	B459	V40X60	40.000	0.070	VNV4	0.006	VNV8
3ER(N+7.20)	B459	V40X60	80.000	0.070	VNV4	0.009	VNV8
3ER(N+7.20)	B464	V40X60	0.000	0.000	VNV16	0.205	VNV8
3ER(N+7.20)	B464	V40X60	49.957	0.000	VNV16	0.196	VNV8
3ER(N+7.20)	B464	V40X60	99.915	0.000	VNV16	0.187	VNV8
3ER(N+7.20)	B464	V40X60	149.872	0.000	VNV16	0.178	VNV8
3ER(N+7.20)	B464	V40X60	199.829	0.000	VNV16	0.169	VNV8
3ER(N+7.20)	B464	V40X60	249.787	0.000	VNV16	0.160	VNV8
3ER(N+7.20)	B464	V40X60	299.744	0.000	VNV16	0.169	VNV8
3ER(N+7.20)	B464	V40X60	349.701	0.000	VNV16	0.178	VNV8
3ER(N+7.20)	B464	V40X60	399.659	0.000	VNV16	0.186	VNV8
3ER(N+7.20)	B465	V40X60	0.000	0.000	VNV16	0.035	VNV8
3ER(N+7.20)	B465	V40X60	48.649	0.000	VNV16	0.037	VNV8
3ER(N+7.20)	B465	V40X60	97.298	0.000	VNV16	0.039	VNV8
3ER(N+7.20)	B465	V40X60	145.947	0.000	VNV16	0.041	VNV8
3ER(N+7.20)	B467	V40X60	0.000	0.000	VNV16	0.075	VNV8
3ER(N+7.20)	B467	V40X60	48.649	0.000	VNV16	0.073	VNV8
3ER(N+7.20)	B467	V40X60	97.298	0.000	VNV16	0.071	VNV8
3ER(N+7.20)	B467	V40X60	145.947	0.000	VNV16	0.069	VNV8
3ER(N+7.20)	B468	V60X60	0.000	0.016	VNV4	0.240	VNV8
3ER(N+7.20)	B468	V60X60	49.957	0.016	VNV4	0.231	VNV8
3ER(N+7.20)	B468	V60X60	99.915	0.016	VNV4	0.221	VNV8
3ER(N+7.20)	B468	V60X60	149.872	0.016	VNV4	0.223	VNV8
3ER(N+7.20)	B468	V60X60	199.830	0.016	VNV4	0.233	VNV8
3ER(N+7.20)	B468	V60X60	249.787	0.016	VNV4	0.243	VNV8
3ER(N+7.20)	B468	V60X60	299.744	0.016	VNV4	0.253	VNV8
3ER(N+7.20)	B468	V60X60	349.702	0.016	VNV4	0.263	VNV8
3ER(N+7.20)	B468	V60X60	399.659	0.016	VNV4	0.273	VNV8
3ER(N+7.20)	B469	V60X60	0.000	0.059	VNV8	0.147	VNV8
3ER(N+7.20)	B469	V60X60	41.250	0.059	VNV8	0.149	VNV8


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 317 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B469	V60X60	82.500	0.059	VNV8	0.152	VNV8
3ER(N+7.20)	B469	V60X60	123.750	0.059	VNV8	0.154	VNV8
3ER(N+7.20)	B469	V60X60	165.000	0.059	VNV8	0.157	VNV8
3ER(N+7.20)	B470	V60X60	0.000	0.027	VNV8	0.006	VNV8
3ER(N+7.20)	B470	V60X60	37.500	0.027	VNV8	0.004	VNV8
3ER(N+7.20)	B470	V60X60	75.000	0.027	VNV8	0.006	VNV8
3ER(N+7.20)	B471	V60X100	0.000	0.024	VNV8	0.015	VNV8
3ER(N+7.20)	B471	V60X100	48.750	0.024	VNV8	0.012	VNV8
3ER(N+7.20)	B471	V60X100	97.500	0.024	VNV8	0.009	VNV8
3ER(N+7.20)	B471	V60X100	146.250	0.024	VNV8	0.010	VNV8
3ER(N+7.20)	B471	V60X100	195.000	0.024	VNV8	0.012	VNV8
3ER(N+7.20)	B472	V20X60	0.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B472	V20X60	49.523	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B472	V20X60	99.046	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B472	V20X60	148.568	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B472	V20X60	198.091	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B472	V20X60	247.614	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B472	V20X60	297.137	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B472	V20X60	346.659	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	0.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	1.659	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	1.659	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	51.659	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	101.659	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	151.659	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	201.659	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	201.659	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	249.992	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	298.326	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B477	V20X60	346.659	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B478	V60X60	0.000	0.025	VNV4	0.010	VNV16
3ER(N+7.20)	B478	V60X60	48.750	0.025	VNV4	0.008	VNV16
3ER(N+7.20)	B478	V60X60	97.500	0.025	VNV4	0.007	VNV16
3ER(N+7.20)	B478	V60X60	146.250	0.025	VNV4	0.009	VNV16
3ER(N+7.20)	B478	V60X60	195.000	0.025	VNV4	0.012	VNV16
3ER(N+7.20)	B479	V60X60	0.000	0.064	VNV8	0.031	VNV8
3ER(N+7.20)	B479	V60X60	25.000	0.064	VNV8	0.031	VNV8
3ER(N+7.20)	B489	V30X60	0.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B489	V30X60	48.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B489	V30X60	96.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B489	V30X60	144.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B489	V30X60	192.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B489	V30X60	240.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B500	V40X60	0.000	0.000	VNV16	0.055	VNV8
3ER(N+7.20)	B500	V40X60	48.000	0.000	VNV16	0.047	VNV8
3ER(N+7.20)	B500	V40X60	96.000	0.000	VNV16	0.038	VNV8
3ER(N+7.20)	B500	V40X60	144.000	0.000	VNV16	0.030	VNV8
3ER(N+7.20)	B500	V40X60	192.000	0.000	VNV16	0.022	VNV8
3ER(N+7.20)	B500	V40X60	240.000	0.000	VNV16	0.013	VNV8
3ER(N+7.20)	B500	V40X60	288.000	0.000	VNV16	0.005	VNV8
3ER(N+7.20)	B500	V40X60	336.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B500	V40X60	384.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B500	V40X60	432.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B500	V40X60	480.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B500	V40X60	528.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B500	V40X60	576.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B500	V40X60	624.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B500	V40X60	672.000	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B500	V40X60	720.000	0.000	VNV16	0.005	VNV8
3ER(N+7.20)	B500	V40X60	768.000	0.000	VNV16	0.014	VNV8
3ER(N+7.20)	B500	V40X60	816.000	0.000	VNV16	0.022	VNV8




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 318 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B500	V40X60	864.000	0.000	VNV16	0.030	VNV8
3ER(N+7.20)	B500	V40X60	912.000	0.000	VNV16	0.039	VNV8
3ER(N+7.20)	B500	V40X60	960.000	0.000	VNV16	0.047	VNV8
3ER(N+7.20)	B500	V40X60	1008.000	0.000	VNV16	0.056	VNV8
3ER(N+7.20)	B503	V50X60	0.000	0.000	VNV16	0.073	VNV8
3ER(N+7.20)	B503	V50X60	48.235	0.000	VNV16	0.063	VNV8
3ER(N+7.20)	B503	V50X60	96.471	0.000	VNV16	0.052	VNV8
3ER(N+7.20)	B503	V50X60	144.706	0.000	VNV16	0.041	VNV8
3ER(N+7.20)	B503	V50X60	192.941	0.000	VNV16	0.030	VNV8
3ER(N+7.20)	B503	V50X60	241.176	0.000	VNV16	0.020	VNV8
3ER(N+7.20)	B503	V50X60	289.412	0.000	VNV16	0.009	VNV8
3ER(N+7.20)	B503	V50X60	337.647	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B503	V50X60	385.882	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B503	V50X60	434.118	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B503	V50X60	482.353	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B503	V50X60	530.588	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B503	V50X60	578.824	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B503	V50X60	627.059	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B503	V50X60	675.294	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B503	V50X60	723.529	0.000	VNV16	0.009	VNV8
3ER(N+7.20)	B503	V50X60	771.765	0.000	VNV16	0.020	VNV8
3ER(N+7.20)	B503	V50X60	820.000	0.000	VNV16	0.031	VNV8
3ER(N+7.20)	B503	V50X60	820.000	0.000	VNV16	0.034	VNV8
3ER(N+7.20)	B503	V50X60	867.000	0.000	VNV16	0.045	VNV8
3ER(N+7.20)	B503	V50X60	914.000	0.000	VNV16	0.055	VNV8
3ER(N+7.20)	B503	V50X60	961.000	0.000	VNV16	0.066	VNV8
3ER(N+7.20)	B503	V50X60	1008.000	0.000	VNV16	0.076	VNV8
3ER(N+7.20)	B504	V30X60	0.000	0.000	VNV16	0.080	VNV8
3ER(N+7.20)	B504	V30X60	47.000	0.000	VNV16	0.071	VNV8
3ER(N+7.20)	B504	V30X60	94.000	0.000	VNV16	0.062	VNV8
3ER(N+7.20)	B504	V30X60	141.000	0.000	VNV16	0.053	VNV8
3ER(N+7.20)	B504	V30X60	188.000	0.000	VNV16	0.043	VNV8
3ER(N+7.20)	B504	V30X60	188.000	0.000	VNV16	0.040	VNV8
3ER(N+7.20)	B504	V30X60	236.235	0.000	VNV16	0.030	VNV8
3ER(N+7.20)	B504	V30X60	284.470	0.000	VNV16	0.021	VNV8
3ER(N+7.20)	B504	V30X60	332.706	0.000	VNV16	0.012	VNV8
3ER(N+7.20)	B504	V30X60	380.941	0.000	VNV16	0.002	VNV8
3ER(N+7.20)	B504	V30X60	429.176	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B504	V30X60	477.412	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B504	V30X60	525.647	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B504	V30X60	573.882	0.000	VNV16	0.000	VNV16
3ER(N+7.20)	B504	V30X60	622.117	0.000	VNV16	3.260E-04	VNV8
3ER(N+7.20)	B504	V30X60	670.353	0.000	VNV16	0.010	VNV8
3ER(N+7.20)	B504	V30X60	718.588	0.000	VNV16	0.019	VNV8
3ER(N+7.20)	B504	V30X60	766.823	0.000	VNV16	0.028	VNV8
3ER(N+7.20)	B504	V30X60	815.059	0.000	VNV16	0.038	VNV8
3ER(N+7.20)	B504	V30X60	863.294	0.000	VNV16	0.047	VNV8
3ER(N+7.20)	B504	V30X60	911.529	0.000	VNV16	0.057	VNV8
3ER(N+7.20)	B504	V30X60	959.765	0.000	VNV16	0.066	VNV8
3ER(N+7.20)	B504	V30X60	1008.000	0.000	VNV16	0.075	VNV8
3ER(N+7.20)	B513	V60X60	0.000	0.000	VNV16	0.106	VNV8
3ER(N+7.20)	B513	V60X60	48.333	0.000	VNV16	0.109	VNV8
3ER(N+7.20)	B513	V60X60	96.667	0.000	VNV16	0.112	VNV8
3ER(N+7.20)	B513	V60X60	145.000	0.000	VNV16	0.115	VNV8
3ER(N+7.20)	B514	V60X60	0.000	0.013	VNV8	0.009	VNV16
3ER(N+7.20)	B514	V60X60	48.750	0.013	VNV8	0.007	VNV16
3ER(N+7.20)	B514	V60X60	97.500	0.013	VNV8	0.006	VNV16
3ER(N+7.20)	B514	V60X60	146.250	0.013	VNV8	0.009	VNV16
3ER(N+7.20)	B514	V60X60	195.000	0.013	VNV8	0.011	VNV16
3ER(N+7.20)	B518	V40X60	0.000	0.016	VNV8	0.091	VNV8
3ER(N+7.20)	B518	V40X60	50.000	0.016	VNV8	0.082	VNV8
3ER(N+7.20)	B518	V40X60	100.000	0.016	VNV8	0.073	VNV8
3ER(N+7.20)	B518	V40X60	150.000	0.016	VNV8	0.065	VNV8
3ER(N+7.20)	B518	V40X60	200.000	0.016	VNV8	0.056	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 319 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

3ER(N+7.20)	B519	V50X60	0.000	0.012	VNV8	0.097	VNV8
3ER(N+7.20)	B519	V50X60	50.000	0.012	VNV8	0.086	VNV8
3ER(N+7.20)	B519	V50X60	100.000	0.012	VNV8	0.075	VNV8
3ER(N+7.20)	B519	V50X60	150.000	0.012	VNV8	0.063	VNV8
3ER(N+7.20)	B519	V50X60	200.000	0.012	VNV8	0.053	VNV16
3ER(N+7.20)	B522	V20X60	0.000	0.000	VNV16	0.019	VNV8
3ER(N+7.20)	B522	V20X60	48.333	0.000	VNV16	0.020	VNV8
3ER(N+7.20)	B522	V20X60	96.667	0.000	VNV16	0.021	VNV8
3ER(N+7.20)	B522	V20X60	145.000	0.000	VNV16	0.022	VNV8
3ER(N+7.20)	B523	V20X60	0.000	0.000	VNV16	0.013	VNV8
3ER(N+7.20)	B523	V20X60	48.750	0.000	VNV16	0.014	VNV8
3ER(N+7.20)	B523	V20X60	97.500	0.000	VNV16	0.015	VNV8
3ER(N+7.20)	B523	V20X60	146.250	0.000	VNV16	0.016	VNV8
3ER(N+7.20)	B523	V20X60	195.000	0.000	VNV16	0.017	VNV8
3ER(N+7.20)	B524	V20X60	0.000	0.000	VNV16	0.023	VNV8
3ER(N+7.20)	B524	V20X60	48.000	0.000	VNV16	0.024	VNV8
3ER(N+7.20)	B524	V20X60	96.000	0.000	VNV16	0.025	VNV8
3ER(N+7.20)	B524	V20X60	144.000	0.000	VNV16	0.026	VNV8
3ER(N+7.20)	B524	V20X60	192.000	0.000	VNV16	0.027	VNV8
3ER(N+7.20)	B524	V20X60	240.000	0.000	VNV16	0.028	VNV8
3ER(N+7.20)	B630	V30X60	0.000	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	46.667	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	93.333	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	140.000	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	186.667	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	233.333	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	280.000	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	280.000	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	323.333	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	366.667	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	410.000	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	453.333	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	496.667	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B630	V30X60	540.000	0.018	VNV4	0.000	VNV16
3ER(N+7.20)	B631	V30X60	0.000	0.035	VNV4	0.000	VNV16
3ER(N+7.20)	B631	V30X60	44.000	0.035	VNV4	0.000	VNV16
3ER(N+7.20)	B631	V30X60	88.000	0.035	VNV4	0.000	VNV16
3ER(N+7.20)	B631	V30X60	132.000	0.035	VNV4	0.000	VNV16
3ER(N+7.20)	B631	V30X60	176.000	0.035	VNV4	0.000	VNV16
3ER(N+7.20)	B631	V30X60	220.000	0.035	VNV4	0.000	VNV16
2DO(N+3.78)	B1	V60X60	0.000	0.031	VNV8	0.020	VNV16
2DO(N+3.78)	B1	V60X60	45.000	0.031	VNV8	0.015	VNV16
2DO(N+3.78)	B1	V60X60	90.000	0.031	VNV8	0.011	VNV16
2DO(N+3.78)	B1	V60X60	135.000	0.031	VNV8	0.016	VNV16
2DO(N+3.78)	B1	V60X60	180.000	0.031	VNV8	0.020	VNV16
2DO(N+3.78)	B2	V60X60	0.000	0.014	VNV8	0.434	VNV8
2DO(N+3.78)	B2	V60X60	47.143	0.014	VNV8	0.428	VNV8
2DO(N+3.78)	B2	V60X60	94.286	0.014	VNV8	0.422	VNV8
2DO(N+3.78)	B2	V60X60	141.429	0.014	VNV8	0.416	VNV8
2DO(N+3.78)	B2	V60X60	188.571	0.014	VNV8	0.409	VNV8
2DO(N+3.78)	B2	V60X60	235.714	0.014	VNV8	0.403	VNV8
2DO(N+3.78)	B2	V60X60	282.857	0.014	VNV8	0.406	VNV16
2DO(N+3.78)	B2	V60X60	330.000	0.014	VNV8	0.411	VNV8
2DO(N+3.78)	B3	V60X60	30.000	0.000	VNV16	0.129	VNV8
2DO(N+3.78)	B3	V60X60	77.500	0.000	VNV16	0.123	VNV8
2DO(N+3.78)	B3	V60X60	125.000	0.000	VNV16	0.117	VNV8
2DO(N+3.78)	B3	V60X60	172.500	0.000	VNV16	0.111	VNV8
2DO(N+3.78)	B3	V60X60	220.000	0.000	VNV16	0.105	VNV8
2DO(N+3.78)	B3	V60X60	267.500	0.000	VNV16	0.098	VNV8
2DO(N+3.78)	B3	V60X60	315.000	0.000	VNV16	0.096	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 320 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B3	V60X60	362.500	0.000	VNV16	0.102	VNV8
2DO (N+3.78)	B3	V60X60	410.000	0.000	VNV16	0.108	VNV8
2DO (N+3.78)	B3	V60X60	457.500	0.000	VNV16	0.115	VNV8
2DO (N+3.78)	B3	V60X60	505.000	0.000	VNV16	0.121	VNV8
2DO (N+3.78)	B3	V60X60	552.500	0.000	VNV16	0.127	VNV8
2DO (N+3.78)	B3	V60X60	600.000	0.000	VNV16	0.133	VNV8
2DO (N+3.78)	B4	V60X60	30.000	0.000	VNV16	0.131	VNV8
2DO (N+3.78)	B4	V60X60	77.500	0.000	VNV16	0.125	VNV8
2DO (N+3.78)	B4	V60X60	125.000	0.000	VNV16	0.118	VNV8
2DO (N+3.78)	B4	V60X60	172.500	0.000	VNV16	0.112	VNV8
2DO (N+3.78)	B4	V60X60	220.000	0.000	VNV16	0.106	VNV8
2DO (N+3.78)	B4	V60X60	267.500	0.000	VNV16	0.100	VNV8
2DO (N+3.78)	B4	V60X60	315.000	0.000	VNV16	0.094	VNV8
2DO (N+3.78)	B4	V60X60	362.500	0.000	VNV16	0.098	VNV8
2DO (N+3.78)	B4	V60X60	410.000	0.000	VNV16	0.104	VNV8
2DO (N+3.78)	B4	V60X60	457.500	0.000	VNV16	0.111	VNV8
2DO (N+3.78)	B4	V60X60	505.000	0.000	VNV16	0.117	VNV8
2DO (N+3.78)	B4	V60X60	552.500	0.000	VNV16	0.123	VNV8
2DO (N+3.78)	B4	V60X60	600.000	0.000	VNV16	0.129	VNV8
2DO (N+3.78)	B5	V60X60	30.000	0.015	VNV8	0.417	VNV8
2DO (N+3.78)	B5	V60X60	78.000	0.015	VNV8	0.405	VNV8
2DO (N+3.78)	B5	V60X60	126.000	0.015	VNV8	0.392	VNV8
2DO (N+3.78)	B5	V60X60	174.000	0.015	VNV8	0.394	VNV8
2DO (N+3.78)	B5	V60X60	222.000	0.015	VNV8	0.406	VNV8
2DO (N+3.78)	B5	V60X60	270.000	0.015	VNV8	0.418	VNV8
2DO (N+3.78)	B6	V60X60	0.000	0.031	VNV8	0.020	VNV16
2DO (N+3.78)	B6	V60X60	45.000	0.031	VNV8	0.016	VNV16
2DO (N+3.78)	B6	V60X60	90.000	0.031	VNV8	0.011	VNV16
2DO (N+3.78)	B6	V60X60	135.000	0.031	VNV8	0.015	VNV16
2DO (N+3.78)	B6	V60X60	180.000	0.031	VNV8	0.020	VNV16
2DO (N+3.78)	B7	V30X60	0.000	0.010	VNV4	0.000	VNV16
2DO (N+3.78)	B7	V30X60	45.714	0.010	VNV4	0.000	VNV16
2DO (N+3.78)	B7	V30X60	91.429	0.010	VNV4	0.000	VNV16
2DO (N+3.78)	B7	V30X60	137.143	0.010	VNV4	0.000	VNV16
2DO (N+3.78)	B7	V30X60	182.857	0.010	VNV4	0.000	VNV16
2DO (N+3.78)	B7	V30X60	228.571	0.010	VNV4	0.000	VNV16
2DO (N+3.78)	B7	V30X60	274.286	0.010	VNV4	0.000	VNV16
2DO (N+3.78)	B7	V30X60	320.000	0.010	VNV4	0.000	VNV16
2DO (N+3.78)	B13	V60X60	30.000	0.016	VNV4	0.130	VNV16
2DO (N+3.78)	B13	V60X60	77.273	0.016	VNV4	0.121	VNV16
2DO (N+3.78)	B13	V60X60	124.545	0.016	VNV4	0.112	VNV16
2DO (N+3.78)	B13	V60X60	171.818	0.016	VNV4	0.102	VNV16
2DO (N+3.78)	B13	V60X60	219.091	0.016	VNV4	0.093	VNV16
2DO (N+3.78)	B13	V60X60	266.364	0.016	VNV4	0.084	VNV16
2DO (N+3.78)	B13	V60X60	313.636	0.016	VNV4	0.093	VNV16
2DO (N+3.78)	B13	V60X60	360.909	0.016	VNV4	0.102	VNV16
2DO (N+3.78)	B13	V60X60	408.182	0.016	VNV4	0.112	VNV16
2DO (N+3.78)	B13	V60X60	455.455	0.016	VNV4	0.121	VNV16
2DO (N+3.78)	B13	V60X60	502.727	0.016	VNV4	0.131	VNV16
2DO (N+3.78)	B13	V60X60	550.000	0.016	VNV4	0.140	VNV16
2DO (N+3.78)	B14	V50X60	30.000	0.017	VNV4	0.091	VNV16
2DO (N+3.78)	B14	V50X60	75.682	0.017	VNV4	0.085	VNV16
2DO (N+3.78)	B14	V50X60	121.364	0.017	VNV4	0.078	VNV16
2DO (N+3.78)	B14	V50X60	167.045	0.017	VNV4	0.072	VNV16
2DO (N+3.78)	B14	V50X60	212.727	0.017	VNV4	0.066	VNV16
2DO (N+3.78)	B14	V50X60	258.409	0.017	VNV4	0.059	VNV16
2DO (N+3.78)	B14	V50X60	304.091	0.017	VNV4	0.057	VNV16
2DO (N+3.78)	B14	V50X60	349.773	0.017	VNV4	0.063	VNV16
2DO (N+3.78)	B14	V50X60	395.455	0.017	VNV4	0.069	VNV16
2DO (N+3.78)	B14	V50X60	441.136	0.017	VNV4	0.076	VNV16
2DO (N+3.78)	B14	V50X60	486.818	0.017	VNV4	0.082	VNV16
2DO (N+3.78)	B14	V50X60	532.500	0.017	VNV4	0.089	VNV16





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 321 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B17	V50X60	30.000	0.017	VNV4	0.085	VNV16
2DO (N+3.78)	B17	V50X60	78.333	0.017	VNV4	0.083	VNV16
2DO (N+3.78)	B17	V50X60	126.667	0.017	VNV4	0.081	VNV16
2DO (N+3.78)	B17	V50X60	175.000	0.017	VNV4	0.080	VNV16
2DO (N+3.78)	B17	V50X60	223.333	0.017	VNV4	0.078	VNV16
2DO (N+3.78)	B17	V50X60	271.667	0.017	VNV4	0.076	VNV16
2DO (N+3.78)	B17	V50X60	320.000	0.017	VNV4	0.074	VNV16
2DO (N+3.78)	B17	V50X60	320.000	0.017	VNV4	0.065	VNV16
2DO (N+3.78)	B17	V50X60	362.500	0.017	VNV4	0.071	VNV16
2DO (N+3.78)	B17	V50X60	405.000	0.017	VNV4	0.077	VNV16
2DO (N+3.78)	B17	V50X60	447.500	0.017	VNV4	0.083	VNV16
2DO (N+3.78)	B17	V50X60	490.000	0.017	VNV4	0.089	VNV16
2DO (N+3.78)	B17	V50X60	532.500	0.017	VNV4	0.094	VNV16
2DO (N+3.78)	B20	V60X60	0.000	0.017	VNV4	0.137	VNV16
2DO (N+3.78)	B20	V60X60	45.714	0.017	VNV4	0.130	VNV16
2DO (N+3.78)	B20	V60X60	91.429	0.017	VNV4	0.124	VNV16
2DO (N+3.78)	B20	V60X60	137.143	0.017	VNV4	0.117	VNV16
2DO (N+3.78)	B20	V60X60	182.857	0.017	VNV4	0.110	VNV16
2DO (N+3.78)	B20	V60X60	228.571	0.017	VNV4	0.103	VNV16
2DO (N+3.78)	B20	V60X60	274.286	0.017	VNV4	0.097	VNV16
2DO (N+3.78)	B20	V60X60	320.000	0.017	VNV4	0.090	VNV16
2DO (N+3.78)	B20	V60X60	320.000	0.017	VNV4	0.096	VNV16
2DO (N+3.78)	B20	V60X60	370.000	0.017	VNV4	0.106	VNV16
2DO (N+3.78)	B20	V60X60	420.000	0.017	VNV4	0.116	VNV16
2DO (N+3.78)	B20	V60X60	470.000	0.017	VNV4	0.126	VNV16
2DO (N+3.78)	B20	V60X60	520.000	0.017	VNV4	0.136	VNV16
2DO (N+3.78)	B22	V30X60	0.000	0.013	VNV4	0.002	VNV4
2DO (N+3.78)	B22	V30X60	45.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	90.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	135.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	180.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	225.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	270.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	270.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	315.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	360.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	405.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	450.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	495.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B22	V30X60	540.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B32	V50X60	30.000	0.000	VNV16	0.160	VNV8
2DO (N+3.78)	B32	V50X60	76.000	0.000	VNV16	0.157	VNV8
2DO (N+3.78)	B32	V50X60	122.000	0.000	VNV16	0.155	VNV8
2DO (N+3.78)	B32	V50X60	168.000	0.000	VNV16	0.153	VNV8
2DO (N+3.78)	B32	V50X60	214.000	0.000	VNV16	0.150	VNV8
2DO (N+3.78)	B32	V50X60	260.000	0.000	VNV16	0.148	VNV8
2DO (N+3.78)	B32	V50X60	306.000	0.000	VNV16	0.146	VNV8
2DO (N+3.78)	B32	V50X60	352.000	0.000	VNV16	0.144	VNV8
2DO (N+3.78)	B32	V50X60	398.000	0.000	VNV16	0.141	VNV8
2DO (N+3.78)	B32	V50X60	444.000	0.000	VNV16	0.140	VNV16
2DO (N+3.78)	B32	V50X60	490.000	0.000	VNV16	0.142	VNV16
2DO (N+3.78)	B34	V50X60	50.000	0.000	VNV16	0.062	VNV8
2DO (N+3.78)	B34	V50X60	98.333	0.000	VNV16	0.059	VNV8
2DO (N+3.78)	B34	V50X60	146.667	0.000	VNV16	0.057	VNV8
2DO (N+3.78)	B34	V50X60	195.000	0.000	VNV16	0.054	VNV8
2DO (N+3.78)	B34	V50X60	243.333	0.000	VNV16	0.052	VNV8
2DO (N+3.78)	B34	V50X60	291.667	0.000	VNV16	0.050	VNV8
2DO (N+3.78)	B34	V50X60	340.000	0.000	VNV16	0.047	VNV8
2DO (N+3.78)	B34	V50X60	388.333	0.000	VNV16	0.045	VNV8
2DO (N+3.78)	B34	V50X60	436.667	0.000	VNV16	0.042	VNV8
2DO (N+3.78)	B34	V50X60	485.000	0.000	VNV16	0.040	VNV8
2DO (N+3.78)	B34	V50X60	533.333	0.000	VNV16	0.038	VNV8
2DO (N+3.78)	B34	V50X60	581.667	0.000	VNV16	0.035	VNV8
2DO (N+3.78)	B34	V50X60	630.000	0.000	VNV16	0.033	VNV8
2DO (N+3.78)	B34	V50X60	678.333	0.000	VNV16	0.034	VNV8






Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 322 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B34	V50X60	726.667	0.000	VNV16	0.037	VNV8
2DO (N+3.78)	B34	V50X60	775.000	0.000	VNV16	0.039	VNV8
2DO (N+3.78)	B34	V50X60	823.333	0.000	VNV16	0.042	VNV8
2DO (N+3.78)	B34	V50X60	871.667	0.000	VNV16	0.044	VNV8
2DO (N+3.78)	B34	V50X60	920.000	0.000	VNV16	0.046	VNV8
2DO (N+3.78)	B34	V50X60	968.333	0.000	VNV16	0.049	VNV8
2DO (N+3.78)	B34	V50X60	1016.667	0.000	VNV16	0.051	VNV8
2DO (N+3.78)	B34	V50X60	1065.000	0.000	VNV16	0.054	VNV8
2DO (N+3.78)	B34	V50X60	1113.333	0.000	VNV16	0.056	VNV8
2DO (N+3.78)	B34	V50X60	1161.667	0.000	VNV16	0.058	VNV8
2DO (N+3.78)	B34	V50X60	1210.000	0.000	VNV16	0.061	VNV8
2DO (N+3.78)	B35	V50X60	50.000	0.000	VNV16	0.152	VNV8
2DO (N+3.78)	B35	V50X60	96.000	0.000	VNV16	0.150	VNV8
2DO (N+3.78)	B35	V50X60	142.000	0.000	VNV16	0.148	VNV8
2DO (N+3.78)	B35	V50X60	188.000	0.000	VNV16	0.146	VNV16
2DO (N+3.78)	B35	V50X60	234.000	0.000	VNV16	0.146	VNV8
2DO (N+3.78)	B35	V50X60	280.000	0.000	VNV16	0.149	VNV8
2DO (N+3.78)	B35	V50X60	280.000	0.000	VNV16	0.164	VNV8
2DO (N+3.78)	B35	V50X60	326.000	0.000	VNV16	0.171	VNV8
2DO (N+3.78)	B35	V50X60	372.000	0.000	VNV16	0.177	VNV8
2DO (N+3.78)	B35	V50X60	418.000	0.000	VNV16	0.183	VNV8
2DO (N+3.78)	B35	V50X60	464.000	0.000	VNV16	0.190	VNV8
2DO (N+3.78)	B35	V50X60	510.000	0.000	VNV16	0.196	VNV8
2DO (N+3.78)	B42	V60X60	30.000	0.022	VNV4	0.229	VNV8
2DO (N+3.78)	B42	V60X60	78.000	0.022	VNV4	0.212	VNV8
2DO (N+3.78)	B42	V60X60	126.000	0.022	VNV4	0.226	VNV8
2DO (N+3.78)	B42	V60X60	174.000	0.022	VNV4	0.242	VNV8
2DO (N+3.78)	B42	V60X60	222.000	0.022	VNV4	0.259	VNV8
2DO (N+3.78)	B42	V60X60	270.000	0.022	VNV4	0.275	VNV8
2DO (N+3.78)	B44	V50X60	17.500	0.000	VNV16	0.098	VNV16
2DO (N+3.78)	B44	V50X60	59.583	0.000	VNV16	0.092	VNV16
2DO (N+3.78)	B44	V50X60	101.667	0.000	VNV16	0.087	VNV16
2DO (N+3.78)	B44	V50X60	143.750	0.000	VNV16	0.081	VNV16
2DO (N+3.78)	B44	V50X60	185.833	0.000	VNV16	0.075	VNV16
2DO (N+3.78)	B44	V50X60	227.917	0.000	VNV16	0.069	VNV16
2DO (N+3.78)	B44	V50X60	270.000	0.000	VNV16	0.063	VNV16
2DO (N+3.78)	B49	V50X60	17.500	0.000	VNV16	0.104	VNV16
2DO (N+3.78)	B49	V50X60	58.000	0.000	VNV16	0.100	VNV16
2DO (N+3.78)	B49	V50X60	98.500	0.000	VNV16	0.096	VNV16
2DO (N+3.78)	B49	V50X60	139.000	0.000	VNV16	0.093	VNV16
2DO (N+3.78)	B49	V50X60	179.500	0.000	VNV16	0.089	VNV16
2DO (N+3.78)	B49	V50X60	220.000	0.000	VNV16	0.085	VNV16
2DO (N+3.78)	B49	V50X60	220.000	0.000	VNV16	0.073	VNV16
2DO (N+3.78)	B49	V50X60	270.000	0.000	VNV16	0.066	VNV16
2DO (N+3.78)	B53	V60X60	30.000	0.026	VNV4	0.211	VNV8
2DO (N+3.78)	B53	V60X60	77.500	0.026	VNV4	0.205	VNV8
2DO (N+3.78)	B53	V60X60	125.000	0.026	VNV4	0.199	VNV8
2DO (N+3.78)	B53	V60X60	172.500	0.026	VNV4	0.203	VNV8
2DO (N+3.78)	B53	V60X60	220.000	0.026	VNV4	0.209	VNV8
2DO (N+3.78)	B53	V60X60	220.000	0.026	VNV4	0.243	VNV8
2DO (N+3.78)	B53	V60X60	270.000	0.026	VNV4	0.260	VNV8
2DO (N+3.78)	B59	V20X60	0.000	0.000	VNV16	0.003	VNV8
2DO (N+3.78)	B59	V20X60	40.000	0.000	VNV16	0.002	VNV8
2DO (N+3.78)	B59	V20X60	80.000	0.000	VNV16	0.002	VNV8
2DO (N+3.78)	B59	V20X60	120.000	0.000	VNV16	0.003	VNV8
2DO (N+3.78)	B61	V20X60	0.000	0.016	VNV8	0.000	VNV16
2DO (N+3.78)	B61	V20X60	46.667	0.016	VNV8	0.000	VNV16
2DO (N+3.78)	B61	V20X60	93.333	0.016	VNV8	0.000	VNV16
2DO (N+3.78)	B61	V20X60	140.000	0.016	VNV8	0.000	VNV16
2DO (N+3.78)	B61	V20X60	186.667	0.016	VNV8	0.000	VNV16
2DO (N+3.78)	B61	V20X60	233.333	0.016	VNV8	0.000	VNV16
2DO (N+3.78)	B61	V20X60	280.000	0.016	VNV8	0.000	VNV16




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 323 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B61	V20X60	326.667	0.016	VNV8	0.000	VNV16
2DO (N+3.78)	B61	V20X60	373.333	0.016	VNV8	0.000	VNV16
2DO (N+3.78)	B61	V20X60	420.000	0.016	VNV8	0.000	VNV16
2DO (N+3.78)	B67	V20X60	0.000	0.020	VNV8	0.000	VNV16
2DO (N+3.78)	B67	V20X60	46.667	0.020	VNV8	0.000	VNV16
2DO (N+3.78)	B67	V20X60	93.333	0.020	VNV8	0.000	VNV16
2DO (N+3.78)	B67	V20X60	140.000	0.020	VNV8	0.000	VNV16
2DO (N+3.78)	B67	V20X60	186.667	0.020	VNV8	0.000	VNV16
2DO (N+3.78)	B67	V20X60	233.333	0.020	VNV8	0.000	VNV16
2DO (N+3.78)	B67	V20X60	280.000	0.020	VNV8	0.000	VNV16
2DO (N+3.78)	B67	V20X60	326.667	0.020	VNV8	0.000	VNV16
2DO (N+3.78)	B67	V20X60	373.333	0.020	VNV8	0.000	VNV16
2DO (N+3.78)	B67	V20X60	420.000	0.020	VNV8	0.000	VNV16
2DO (N+3.78)	B70	V20X60	0.000	0.000	VNV16	0.003	VNV8
2DO (N+3.78)	B70	V20X60	40.000	0.000	VNV16	0.002	VNV8
2DO (N+3.78)	B70	V20X60	80.000	0.000	VNV16	0.002	VNV8
2DO (N+3.78)	B70	V20X60	120.000	0.000	VNV16	0.003	VNV8
2DO (N+3.78)	B73	V60X60	0.000	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B73	V60X60	45.000	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B73	V60X60	90.000	0.000	VNV16	0.007	VNV16
2DO (N+3.78)	B73	V60X60	135.000	0.000	VNV16	0.010	VNV8
2DO (N+3.78)	B73	V60X60	180.000	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B75	V60X60	0.000	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B75	V60X60	45.000	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B75	V60X60	90.000	0.000	VNV16	0.007	VNV8
2DO (N+3.78)	B75	V60X60	135.000	0.000	VNV16	0.010	VNV8
2DO (N+3.78)	B75	V60X60	180.000	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B157	V60X60	0.000	0.016	VNV4	0.036	VNV16
2DO (N+3.78)	B157	V60X60	50.000	0.016	VNV4	0.030	VNV16
2DO (N+3.78)	B157	V60X60	100.000	0.016	VNV4	0.024	VNV16
2DO (N+3.78)	B157	V60X60	150.000	0.016	VNV4	0.018	VNV16
2DO (N+3.78)	B157	V60X60	200.000	0.016	VNV4	0.012	VNV16
2DO (N+3.78)	B157	V60X60	250.000	0.016	VNV4	0.006	VNV16
2DO (N+3.78)	B157	V60X60	300.000	0.016	VNV4	5.298E-04	VNV16
2DO (N+3.78)	B157	V60X60	350.000	0.016	VNV4	0.007	VNV16
2DO (N+3.78)	B157	V60X60	400.000	0.016	VNV4	0.013	VNV16
2DO (N+3.78)	B157	V60X60	450.000	0.016	VNV4	0.019	VNV16
2DO (N+3.78)	B157	V60X60	500.000	0.016	VNV4	0.023	VNV16
2DO (N+3.78)	B157	V60X60	550.000	0.016	VNV4	0.017	VNV16
2DO (N+3.78)	B157	V60X60	600.000	0.016	VNV4	0.011	VNV16
2DO (N+3.78)	B157	V60X60	650.000	0.016	VNV4	0.005	VNV16
2DO (N+3.78)	B157	V60X60	700.000	0.016	VNV4	8.696E-04	VNV16
2DO (N+3.78)	B157	V60X60	750.000	0.016	VNV4	0.007	VNV16
2DO (N+3.78)	B157	V60X60	800.000	0.016	VNV4	0.013	VNV16
2DO (N+3.78)	B157	V60X60	850.000	0.016	VNV4	0.019	VNV16
2DO (N+3.78)	B157	V60X60	900.000	0.016	VNV4	0.025	VNV16
2DO (N+3.78)	B157	V60X60	950.000	0.016	VNV4	0.031	VNV16
2DO (N+3.78)	B157	V60X60	1000.000	0.016	VNV4	0.037	VNV16
2DO (N+3.78)	B188	V60X60	0.000	0.016	VNV4	0.035	VNV16
2DO (N+3.78)	B188	V60X60	50.000	0.016	VNV4	0.029	VNV16
2DO (N+3.78)	B188	V60X60	100.000	0.016	VNV4	0.023	VNV16
2DO (N+3.78)	B188	V60X60	150.000	0.016	VNV4	0.016	VNV16
2DO (N+3.78)	B188	V60X60	200.000	0.016	VNV4	0.010	VNV16
2DO (N+3.78)	B188	V60X60	250.000	0.016	VNV4	0.004	VNV16
2DO (N+3.78)	B188	V60X60	300.000	0.016	VNV4	0.002	VNV16
2DO (N+3.78)	B188	V60X60	350.000	0.016	VNV4	0.008	VNV16
2DO (N+3.78)	B188	V60X60	400.000	0.016	VNV4	0.014	VNV16
2DO (N+3.78)	B188	V60X60	450.000	0.016	VNV4	0.020	VNV16
2DO (N+3.78)	B188	V60X60	500.000	0.016	VNV4	0.025	VNV16
2DO (N+3.78)	B188	V60X60	550.000	0.016	VNV4	0.019	VNV16
2DO (N+3.78)	B188	V60X60	600.000	0.016	VNV4	0.013	VNV16
2DO (N+3.78)	B188	V60X60	650.000	0.016	VNV4	0.007	VNV16
2DO (N+3.78)	B188	V60X60	700.000	0.016	VNV4	0.001	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 324 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B188	V60X60	750.000	0.016	VNV4	0.005	VNV16
2DO (N+3.78)	B188	V60X60	800.000	0.016	VNV4	0.011	VNV16
2DO (N+3.78)	B188	V60X60	850.000	0.016	VNV4	0.017	VNV16
2DO (N+3.78)	B188	V60X60	900.000	0.016	VNV4	0.023	VNV16
2DO (N+3.78)	B188	V60X60	950.000	0.016	VNV4	0.029	VNV16
2DO (N+3.78)	B188	V60X60	1000.000	0.016	VNV4	0.035	VNV16
2DO (N+3.78)	B270	V60X60	0.000	0.000	VNV16	0.013	VNV8
2DO (N+3.78)	B270	V60X60	45.000	0.000	VNV16	0.010	VNV8
2DO (N+3.78)	B270	V60X60	90.000	0.000	VNV16	0.008	VNV8
2DO (N+3.78)	B270	V60X60	135.000	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B270	V60X60	180.000	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B272	V60X60	0.000	0.000	VNV16	0.013	VNV8
2DO (N+3.78)	B272	V60X60	45.000	0.000	VNV16	0.010	VNV8
2DO (N+3.78)	B272	V60X60	90.000	0.000	VNV16	0.008	VNV8
2DO (N+3.78)	B272	V60X60	135.000	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B272	V60X60	180.000	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B274	V60X60	0.000	0.000	VNV16	0.010	VNV8
2DO (N+3.78)	B274	V60X60	40.000	0.000	VNV16	0.008	VNV8
2DO (N+3.78)	B274	V60X60	80.000	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B274	V60X60	120.000	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B276	V60X60	0.000	0.000	VNV16	0.324	VNV8
2DO (N+3.78)	B276	V60X60	46.000	0.000	VNV16	0.321	VNV8
2DO (N+3.78)	B276	V60X60	92.000	0.000	VNV16	0.318	VNV8
2DO (N+3.78)	B276	V60X60	138.000	0.000	VNV16	0.315	VNV8
2DO (N+3.78)	B276	V60X60	184.000	0.000	VNV16	0.313	VNV8
2DO (N+3.78)	B276	V60X60	230.000	0.000	VNV16	0.310	VNV8
2DO (N+3.78)	B286	V60X60	60.000	0.000	VNV16	0.305	VNV8
2DO (N+3.78)	B286	V60X60	106.000	0.000	VNV16	0.308	VNV8
2DO (N+3.78)	B286	V60X60	152.000	0.000	VNV16	0.311	VNV8
2DO (N+3.78)	B286	V60X60	198.000	0.000	VNV16	0.314	VNV8
2DO (N+3.78)	B286	V60X60	244.000	0.000	VNV16	0.317	VNV8
2DO (N+3.78)	B286	V60X60	290.000	0.000	VNV16	0.319	VNV8
2DO (N+3.78)	B288	V60X60	0.000	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B288	V60X60	40.000	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B288	V60X60	80.000	0.000	VNV16	0.008	VNV8
2DO (N+3.78)	B288	V60X60	120.000	0.000	VNV16	0.010	VNV8
2DO (N+3.78)	B296	V60X60	0.000	0.000	VNV16	0.238	VNV8
2DO (N+3.78)	B296	V60X60	48.000	0.000	VNV16	0.224	VNV8
2DO (N+3.78)	B296	V60X60	96.000	0.000	VNV16	0.210	VNV8
2DO (N+3.78)	B296	V60X60	144.000	0.000	VNV16	0.197	VNV8
2DO (N+3.78)	B296	V60X60	192.000	0.000	VNV16	0.193	VNV8
2DO (N+3.78)	B296	V60X60	240.000	0.000	VNV16	0.207	VNV8
2DO (N+3.78)	B296	V60X60	240.000	0.000	VNV16	0.207	VNV8
2DO (N+3.78)	B296	V60X60	273.753	0.000	VNV16	0.216	VNV8
2DO (N+3.78)	B296	V60X60	307.507	0.000	VNV16	0.225	VNV8
2DO (N+3.78)	B296	V60X60	341.260	0.000	VNV16	0.234	VNV8
2DO (N+3.78)	B297	V60X60	0.000	0.000	VNV16	0.248	VNV8
2DO (N+3.78)	B297	V60X60	48.000	0.000	VNV16	0.234	VNV8
2DO (N+3.78)	B297	V60X60	96.000	0.000	VNV16	0.220	VNV8
2DO (N+3.78)	B297	V60X60	144.000	0.000	VNV16	0.207	VNV8
2DO (N+3.78)	B297	V60X60	192.000	0.000	VNV16	0.195	VNV16
2DO (N+3.78)	B297	V60X60	240.000	0.000	VNV16	0.208	VNV8
2DO (N+3.78)	B297	V60X60	240.000	0.000	VNV16	0.208	VNV8
2DO (N+3.78)	B297	V60X60	273.753	0.000	VNV16	0.217	VNV8
2DO (N+3.78)	B297	V60X60	307.507	0.000	VNV16	0.226	VNV8
2DO (N+3.78)	B297	V60X60	341.260	0.000	VNV16	0.235	VNV8
2DO (N+3.78)	B306	V40X60	0.000	0.038	VNV8	0.024	VNV16
2DO (N+3.78)	B306	V40X60	41.727	0.038	VNV8	0.019	VNV16
2DO (N+3.78)	B306	V40X60	83.455	0.038	VNV8	0.014	VNV16
2DO (N+3.78)	B306	V40X60	125.182	0.038	VNV8	0.019	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 325 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B306	V40X60	166.909	0.038	VNV8	0.024	VNV16
2DO (N+3.78)	B307	V40X60	0.000	0.028	VNV4	0.037	VNV8
2DO (N+3.78)	B307	V40X60	44.364	0.028	VNV4	0.026	VNV8
2DO (N+3.78)	B307	V40X60	88.727	0.028	VNV4	0.025	VNV8
2DO (N+3.78)	B307	V40X60	133.091	0.028	VNV4	0.036	VNV8
2DO (N+3.78)	B308	V40X60	0.000	0.021	VNV4	0.199	VNV8
2DO (N+3.78)	B308	V40X60	41.057	0.021	VNV4	0.190	VNV8
2DO (N+3.78)	B308	V40X60	82.114	0.021	VNV4	0.183	VNV8
2DO (N+3.78)	B308	V40X60	123.171	0.021	VNV4	0.177	VNV16
2DO (N+3.78)	B308	V40X60	164.227	0.021	VNV4	0.181	VNV8
2DO (N+3.78)	B308	V40X60	205.284	0.021	VNV4	0.183	VNV8
2DO (N+3.78)	B309	V40X60	0.000	0.021	VNV4	0.183	VNV8
2DO (N+3.78)	B309	V40X60	41.057	0.021	VNV4	0.181	VNV8
2DO (N+3.78)	B309	V40X60	82.114	0.021	VNV4	0.179	VNV8
2DO (N+3.78)	B309	V40X60	123.171	0.021	VNV4	0.185	VNV8
2DO (N+3.78)	B309	V40X60	164.228	0.021	VNV4	0.192	VNV8
2DO (N+3.78)	B309	V40X60	205.285	0.021	VNV4	0.201	VNV8
2DO (N+3.78)	B311	V40X60	0.000	0.028	VNV4	0.036	VNV8
2DO (N+3.78)	B311	V40X60	44.363	0.028	VNV4	0.025	VNV8
2DO (N+3.78)	B311	V40X60	88.727	0.028	VNV4	0.026	VNV8
2DO (N+3.78)	B311	V40X60	133.090	0.028	VNV4	0.037	VNV8
2DO (N+3.78)	B312	V40X60	0.000	0.037	VNV8	0.025	VNV16
2DO (N+3.78)	B312	V40X60	41.728	0.037	VNV8	0.019	VNV16
2DO (N+3.78)	B312	V40X60	83.455	0.037	VNV8	0.014	VNV16
2DO (N+3.78)	B312	V40X60	125.183	0.037	VNV8	0.019	VNV16
2DO (N+3.78)	B312	V40X60	166.910	0.037	VNV8	0.025	VNV16
2DO (N+3.78)	B322	V20X60	0.000	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B322	V20X60	46.364	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B322	V20X60	92.727	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B322	V20X60	139.091	0.000	VNV16	0.010	VNV8
2DO (N+3.78)	B322	V20X60	185.454	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B322	V20X60	231.818	0.000	VNV16	0.008	VNV8
2DO (N+3.78)	B322	V20X60	278.182	0.000	VNV16	0.008	VNV8
2DO (N+3.78)	B322	V20X60	324.545	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B322	V20X60	370.909	0.000	VNV16	0.010	VNV8
2DO (N+3.78)	B322	V20X60	417.273	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B322	V20X60	463.636	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B322	V20X60	510.000	0.000	VNV16	0.013	VNV8
2DO (N+3.78)	B323	V20X60	0.000	0.011	VNV4	0.024	VNV16
2DO (N+3.78)	B323	V20X60	46.092	0.011	VNV4	0.022	VNV16
2DO (N+3.78)	B323	V20X60	92.185	0.011	VNV4	0.020	VNV16
2DO (N+3.78)	B323	V20X60	138.277	0.011	VNV4	0.018	VNV16
2DO (N+3.78)	B323	V20X60	184.370	0.011	VNV4	0.016	VNV16
2DO (N+3.78)	B323	V20X60	230.462	0.011	VNV4	0.014	VNV16
2DO (N+3.78)	B323	V20X60	276.555	0.011	VNV4	0.013	VNV16
2DO (N+3.78)	B323	V20X60	322.647	0.011	VNV4	0.015	VNV16
2DO (N+3.78)	B323	V20X60	368.739	0.011	VNV4	0.016	VNV16
2DO (N+3.78)	B323	V20X60	414.832	0.011	VNV4	0.017	VNV16
2DO (N+3.78)	B323	V20X60	460.924	0.011	VNV4	0.018	VNV16
2DO (N+3.78)	B323	V20X60	507.017	0.011	VNV4	0.019	VNV16
2DO (N+3.78)	B323	V20X60	553.109	0.011	VNV4	0.020	VNV16
2DO (N+3.78)	B324	V20X60	0.000	0.010	VNV4	0.020	VNV16
2DO (N+3.78)	B324	V20X60	46.092	0.010	VNV4	0.019	VNV16
2DO (N+3.78)	B324	V20X60	92.185	0.010	VNV4	0.018	VNV16
2DO (N+3.78)	B324	V20X60	138.277	0.010	VNV4	0.017	VNV16
2DO (N+3.78)	B324	V20X60	184.370	0.010	VNV4	0.016	VNV16
2DO (N+3.78)	B324	V20X60	230.462	0.010	VNV4	0.015	VNV16
2DO (N+3.78)	B324	V20X60	276.555	0.010	VNV4	0.013	VNV16
2DO (N+3.78)	B324	V20X60	322.647	0.010	VNV4	0.014	VNV16
2DO (N+3.78)	B324	V20X60	368.740	0.010	VNV4	0.016	VNV16
2DO (N+3.78)	B324	V20X60	414.832	0.010	VNV4	0.017	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 326 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B324	V20X60	460.925	0.010	VNV4	0.020	VNV16
2DO (N+3.78)	B324	V20X60	507.017	0.010	VNV4	0.022	VNV16
2DO (N+3.78)	B324	V20X60	553.110	0.010	VNV4	0.024	VNV16
2DO (N+3.78)	B326	V20X60	0.000	0.000	VNV16	0.013	VNV8
2DO (N+3.78)	B326	V20X60	46.364	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B326	V20X60	92.727	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B326	V20X60	139.091	0.000	VNV16	0.010	VNV8
2DO (N+3.78)	B326	V20X60	185.455	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B326	V20X60	231.818	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B326	V20X60	278.182	0.000	VNV16	0.008	VNV8
2DO (N+3.78)	B326	V20X60	324.545	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B326	V20X60	370.909	0.000	VNV16	0.010	VNV8
2DO (N+3.78)	B326	V20X60	417.273	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B326	V20X60	463.636	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B326	V20X60	510.000	0.000	VNV16	0.013	VNV8
2DO (N+3.78)	B339	V20X60	0.000	0.000	VNV16	0.047	VNV16
2DO (N+3.78)	B339	V20X60	48.534	0.000	VNV16	0.040	VNV16
2DO (N+3.78)	B339	V20X60	97.068	0.000	VNV16	0.033	VNV16
2DO (N+3.78)	B339	V20X60	145.602	0.000	VNV16	0.027	VNV16
2DO (N+3.78)	B339	V20X60	194.137	0.000	VNV16	0.033	VNV16
2DO (N+3.78)	B339	V20X60	242.671	0.000	VNV16	0.040	VNV16
2DO (N+3.78)	B339	V20X60	291.205	0.000	VNV16	0.046	VNV16
2DO (N+3.78)	B340	V20X60	0.000	0.000	VNV16	0.046	VNV16
2DO (N+3.78)	B340	V20X60	48.534	0.000	VNV16	0.040	VNV16
2DO (N+3.78)	B340	V20X60	97.068	0.000	VNV16	0.033	VNV16
2DO (N+3.78)	B340	V20X60	145.603	0.000	VNV16	0.027	VNV16
2DO (N+3.78)	B340	V20X60	194.137	0.000	VNV16	0.034	VNV16
2DO (N+3.78)	B340	V20X60	242.671	0.000	VNV16	0.040	VNV16
2DO (N+3.78)	B340	V20X60	291.205	0.000	VNV16	0.047	VNV16
2DO (N+3.78)	B348	V20X60	0.000	0.000	VNV16	0.038	VNV8
2DO (N+3.78)	B348	V20X60	50.000	0.000	VNV16	0.038	VNV8
2DO (N+3.78)	B348	V20X60	100.000	0.000	VNV16	0.039	VNV8
2DO (N+3.78)	B350	V20X60	0.000	0.000	VNV16	0.040	VNV8
2DO (N+3.78)	B350	V20X60	50.000	0.000	VNV16	0.039	VNV8
2DO (N+3.78)	B350	V20X60	100.000	0.000	VNV16	0.040	VNV8
2DO (N+3.78)	B351	V60X60	0.000	0.000	VNV16	0.154	VNV8
2DO (N+3.78)	B351	V60X60	40.369	0.000	VNV16	0.151	VNV8
2DO (N+3.78)	B351	V60X60	80.737	0.000	VNV16	0.149	VNV8
2DO (N+3.78)	B352	V60X60	0.000	0.000	VNV16	0.162	VNV8
2DO (N+3.78)	B352	V60X60	31.812	0.000	VNV16	0.164	VNV8
2DO (N+3.78)	B353	V20X60	0.000	0.000	VNV16	0.019	VNV8
2DO (N+3.78)	B353	V20X60	42.884	0.000	VNV16	0.017	VNV8
2DO (N+3.78)	B353	V20X60	85.767	0.000	VNV16	0.016	VNV8
2DO (N+3.78)	B353	V20X60	128.651	0.000	VNV16	0.015	VNV8
2DO (N+3.78)	B353	V20X60	171.535	0.000	VNV16	0.016	VNV8
2DO (N+3.78)	B353	V20X60	214.418	0.000	VNV16	0.017	VNV8
2DO (N+3.78)	B354	V20X60	0.000	0.000	VNV16	0.017	VNV8
2DO (N+3.78)	B354	V20X60	42.884	0.000	VNV16	0.016	VNV8
2DO (N+3.78)	B354	V20X60	85.767	0.000	VNV16	0.015	VNV16
2DO (N+3.78)	B354	V20X60	128.651	0.000	VNV16	0.016	VNV8
2DO (N+3.78)	B354	V20X60	171.535	0.000	VNV16	0.018	VNV8
2DO (N+3.78)	B354	V20X60	214.418	0.000	VNV16	0.020	VNV8
2DO (N+3.78)	B357	V60X60	0.000	0.000	VNV16	0.018	VNV16
2DO (N+3.78)	B357	V60X60	46.000	0.000	VNV16	0.015	VNV16
2DO (N+3.78)	B357	V60X60	92.000	0.000	VNV16	0.012	VNV16
2DO (N+3.78)	B357	V60X60	138.000	0.000	VNV16	0.012	VNV16
2DO (N+3.78)	B357	V60X60	184.000	0.000	VNV16	0.016	VNV16
2DO (N+3.78)	B357	V60X60	230.000	0.000	VNV16	0.020	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 327 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B358	V60X60	0.000	0.000	VNV16	0.020	VNV16
2DO (N+3.78)	B358	V60X60	46.000	0.000	VNV16	0.015	VNV16
2DO (N+3.78)	B358	V60X60	92.000	0.000	VNV16	0.012	VNV16
2DO (N+3.78)	B358	V60X60	138.000	0.000	VNV16	0.012	VNV16
2DO (N+3.78)	B358	V60X60	184.000	0.000	VNV16	0.015	VNV16
2DO (N+3.78)	B358	V60X60	230.000	0.000	VNV16	0.018	VNV16
2DO (N+3.78)	B402	V30X60	0.000	0.015	VNV4	0.007	VNV8
2DO (N+3.78)	B402	V30X60	8.042	0.015	VNV4	0.006	VNV8
2DO (N+3.78)	B402	V30X60	8.042	0.015	VNV4	0.006	VNV8
2DO (N+3.78)	B402	V30X60	55.689	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	103.336	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	150.984	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	198.631	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	246.278	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	293.925	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	341.572	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	389.219	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	436.866	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	484.513	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	532.160	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	579.807	0.015	VNV4	0.000	VNV16
2DO (N+3.78)	B402	V30X60	627.454	0.015	VNV4	0.004	VNV8
2DO (N+3.78)	B402	V30X60	675.101	0.015	VNV4	0.012	VNV8
2DO (N+3.78)	B402	V30X60	722.748	0.015	VNV4	0.019	VNV8
2DO (N+3.78)	B402	V30X60	770.395	0.015	VNV4	0.028	VNV8
2DO (N+3.78)	B402	V30X60	818.043	0.015	VNV4	0.038	VNV8
2DO (N+3.78)	B403	V30X60	0.000	0.016	VNV4	0.031	VNV8
2DO (N+3.78)	B403	V30X60	49.905	0.016	VNV4	0.021	VNV8
2DO (N+3.78)	B403	V30X60	99.811	0.016	VNV4	0.012	VNV8
2DO (N+3.78)	B403	V30X60	149.716	0.016	VNV4	0.004	VNV8
2DO (N+3.78)	B403	V30X60	199.622	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	249.527	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	299.433	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	349.338	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	399.244	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	449.149	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	499.055	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	548.960	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	598.866	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	648.771	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	698.677	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	748.582	0.016	VNV4	0.000	VNV16
2DO (N+3.78)	B403	V30X60	798.488	0.016	VNV4	7.229E-04	VNV8
2DO (N+3.78)	B404	V40X60	0.000	0.000	VNV16	0.067	VNV16
2DO (N+3.78)	B404	V40X60	49.320	0.000	VNV16	0.065	VNV16
2DO (N+3.78)	B404	V40X60	98.639	0.000	VNV16	0.062	VNV16
2DO (N+3.78)	B404	V40X60	147.959	0.000	VNV16	0.058	VNV16
2DO (N+3.78)	B404	V40X60	197.279	0.000	VNV16	0.054	VNV16
2DO (N+3.78)	B404	V40X60	246.598	0.000	VNV16	0.051	VNV16
2DO (N+3.78)	B404	V40X60	295.918	0.000	VNV16	0.047	VNV16
2DO (N+3.78)	B404	V40X60	345.238	0.000	VNV16	0.043	VNV16
2DO (N+3.78)	B404	V40X60	394.557	0.000	VNV16	0.039	VNV16
2DO (N+3.78)	B404	V40X60	443.877	0.000	VNV16	0.039	VNV16
2DO (N+3.78)	B404	V40X60	493.197	0.000	VNV16	0.043	VNV16
2DO (N+3.78)	B404	V40X60	542.517	0.000	VNV16	0.047	VNV16
2DO (N+3.78)	B404	V40X60	591.836	0.000	VNV16	0.050	VNV16
2DO (N+3.78)	B404	V40X60	641.156	0.000	VNV16	0.054	VNV16
2DO (N+3.78)	B404	V40X60	690.476	0.000	VNV16	0.059	VNV16
2DO (N+3.78)	B404	V40X60	739.795	0.000	VNV16	0.063	VNV16
2DO (N+3.78)	B404	V40X60	789.115	0.000	VNV16	0.067	VNV16
2DO (N+3.78)	B405	V40X60	0.000	0.000	VNV16	0.069	VNV16
2DO (N+3.78)	B405	V40X60	49.320	0.000	VNV16	0.065	VNV16
2DO (N+3.78)	B405	V40X60	98.639	0.000	VNV16	0.061	VNV16
2DO (N+3.78)	B405	V40X60	147.959	0.000	VNV16	0.057	VNV16
2DO (N+3.78)	B405	V40X60	197.279	0.000	VNV16	0.053	VNV16






Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 328 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B405	V40X60	246.598	0.000	VNV16	0.049	VNV16
2DO (N+3.78)	B405	V40X60	295.918	0.000	VNV16	0.045	VNV16
2DO (N+3.78)	B405	V40X60	345.238	0.000	VNV16	0.041	VNV16
2DO (N+3.78)	B405	V40X60	394.557	0.000	VNV16	0.041	VNV16
2DO (N+3.78)	B405	V40X60	443.877	0.000	VNV16	0.046	VNV16
2DO (N+3.78)	B405	V40X60	493.197	0.000	VNV16	0.050	VNV16
2DO (N+3.78)	B405	V40X60	542.517	0.000	VNV16	0.054	VNV16
2DO (N+3.78)	B405	V40X60	591.836	0.000	VNV16	0.058	VNV16
2DO (N+3.78)	B405	V40X60	641.156	0.000	VNV16	0.062	VNV16
2DO (N+3.78)	B405	V40X60	690.476	0.000	VNV16	0.066	VNV16
2DO (N+3.78)	B405	V40X60	739.795	0.000	VNV16	0.070	VNV16
2DO (N+3.78)	B405	V40X60	789.115	0.000	VNV16	0.072	VNV16
2DO (N+3.78)	B406	V50X60	0.000	0.000	VNV16	0.101	VNV8
2DO (N+3.78)	B406	V50X60	49.104	0.000	VNV16	0.094	VNV8
2DO (N+3.78)	B406	V50X60	98.208	0.000	VNV16	0.088	VNV8
2DO (N+3.78)	B406	V50X60	147.311	0.000	VNV16	0.082	VNV8
2DO (N+3.78)	B406	V50X60	196.415	0.000	VNV16	0.076	VNV8
2DO (N+3.78)	B406	V50X60	245.519	0.000	VNV16	0.071	VNV8
2DO (N+3.78)	B406	V50X60	294.623	0.000	VNV16	0.065	VNV8
2DO (N+3.78)	B406	V50X60	343.726	0.000	VNV16	0.059	VNV8
2DO (N+3.78)	B406	V50X60	392.830	0.000	VNV16	0.054	VNV8
2DO (N+3.78)	B406	V50X60	441.934	0.000	VNV16	0.059	VNV8
2DO (N+3.78)	B406	V50X60	491.038	0.000	VNV16	0.064	VNV8
2DO (N+3.78)	B406	V50X60	491.038	0.000	VNV16	0.087	VNV8
2DO (N+3.78)	B406	V50X60	539.788	0.000	VNV16	0.092	VNV8
2DO (N+3.78)	B406	V50X60	588.538	0.000	VNV16	0.097	VNV8
2DO (N+3.78)	B406	V50X60	637.288	0.000	VNV16	0.102	VNV8
2DO (N+3.78)	B406	V50X60	686.038	0.000	VNV16	0.106	VNV8
2DO (N+3.78)	B410	V50X60	0.000	0.000	VNV16	0.105	VNV8
2DO (N+3.78)	B410	V50X60	49.104	0.000	VNV16	0.098	VNV8
2DO (N+3.78)	B410	V50X60	98.208	0.000	VNV16	0.092	VNV8
2DO (N+3.78)	B410	V50X60	147.311	0.000	VNV16	0.086	VNV8
2DO (N+3.78)	B410	V50X60	196.415	0.000	VNV16	0.080	VNV8
2DO (N+3.78)	B410	V50X60	245.519	0.000	VNV16	0.075	VNV8
2DO (N+3.78)	B410	V50X60	294.623	0.000	VNV16	0.069	VNV8
2DO (N+3.78)	B410	V50X60	343.726	0.000	VNV16	0.063	VNV8
2DO (N+3.78)	B410	V50X60	392.830	0.000	VNV16	0.058	VNV8
2DO (N+3.78)	B410	V50X60	441.934	0.000	VNV16	0.059	VNV8
2DO (N+3.78)	B410	V50X60	491.038	0.000	VNV16	0.064	VNV8
2DO (N+3.78)	B410	V50X60	491.038	0.000	VNV16	0.087	VNV8
2DO (N+3.78)	B410	V50X60	539.788	0.000	VNV16	0.092	VNV8
2DO (N+3.78)	B410	V50X60	588.538	0.000	VNV16	0.097	VNV8
2DO (N+3.78)	B410	V50X60	637.288	0.000	VNV16	0.102	VNV8
2DO (N+3.78)	B410	V50X60	686.038	0.000	VNV16	0.106	VNV8
2DO (N+3.78)	B419	V40X60	0.000	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	46.530	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	93.061	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	139.591	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	186.122	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	232.652	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	279.182	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	325.713	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	372.243	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	418.774	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	465.304	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	511.834	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	558.365	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B419	V40X60	604.895	0.012	VNV4	0.000	VNV16
2DO (N+3.78)	B420	V40X60	0.000	0.000	VNV16	0.013	VNV8
2DO (N+3.78)	B420	V40X60	49.886	0.000	VNV16	0.007	VNV8
2DO (N+3.78)	B420	V40X60	99.771	0.000	VNV16	0.002	VNV8
2DO (N+3.78)	B420	V40X60	149.657	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	199.543	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	249.428	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	299.314	0.000	VNV16	0.000	VNV16




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 329 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B420	V40X60	349.200	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	399.085	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	448.971	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	498.857	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	548.742	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	598.628	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	648.514	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	698.399	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	748.285	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	798.171	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	848.056	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	897.942	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B420	V40X60	947.828	0.000	VNV16	0.002	VNV8
2DO (N+3.78)	B420	V40X60	997.714	0.000	VNV16	0.008	VNV8
2DO (N+3.78)	B420	V40X60	1047.599	0.000	VNV16	0.013	VNV8
2DO (N+3.78)	B421	V40X60	0.000	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	46.530	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	93.061	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	139.591	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	186.122	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	232.652	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	279.182	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	325.713	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	372.243	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	418.773	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	465.304	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	511.834	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	558.365	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B421	V40X60	604.895	0.013	VNV4	0.000	VNV16
2DO (N+3.78)	B430	V60X60	0.000	0.053	VNV4	0.287	VNV8
2DO (N+3.78)	B430	V60X60	49.563	0.053	VNV4	0.283	VNV8
2DO (N+3.78)	B430	V60X60	99.126	0.053	VNV4	0.280	VNV8
2DO (N+3.78)	B430	V60X60	148.689	0.053	VNV4	0.276	VNV8
2DO (N+3.78)	B430	V60X60	198.253	0.053	VNV4	0.272	VNV8
2DO (N+3.78)	B431	V60X60	0.000	0.056	VNV4	0.272	VNV8
2DO (N+3.78)	B431	V60X60	49.563	0.056	VNV4	0.276	VNV8
2DO (N+3.78)	B431	V60X60	99.126	0.056	VNV4	0.280	VNV8
2DO (N+3.78)	B431	V60X60	148.689	0.056	VNV4	0.283	VNV8
2DO (N+3.78)	B431	V60X60	198.252	0.056	VNV4	0.287	VNV8
2DO (N+3.78)	B434	V40X60	0.000	0.030	VNV8	0.010	VNV8
2DO (N+3.78)	B434	V40X60	38.769	0.030	VNV8	0.008	VNV8
2DO (N+3.78)	B434	V40X60	77.537	0.030	VNV8	0.007	VNV8
2DO (N+3.78)	B434	V40X60	116.306	0.030	VNV8	0.008	VNV8
2DO (N+3.78)	B436	V40X60	0.000	0.016	VNV8	0.014	VNV16
2DO (N+3.78)	B436	V40X60	38.424	0.016	VNV8	0.011	VNV16
2DO (N+3.78)	B436	V40X60	76.847	0.016	VNV8	0.009	VNV16
2DO (N+3.78)	B436	V40X60	115.271	0.016	VNV8	0.010	VNV16
2DO (N+3.78)	B436	V40X60	153.694	0.016	VNV8	0.013	VNV16
2DO (N+3.78)	B437	V40X60	0.000	0.000	VNV16	0.180	VNV8
2DO (N+3.78)	B437	V40X60	46.160	0.000	VNV16	0.167	VNV8
2DO (N+3.78)	B437	V40X60	92.319	0.000	VNV16	0.155	VNV8
2DO (N+3.78)	B437	V40X60	138.479	0.000	VNV16	0.143	VNV8
2DO (N+3.78)	B437	V40X60	184.639	0.000	VNV16	0.143	VNV8
2DO (N+3.78)	B437	V40X60	230.798	0.000	VNV16	0.156	VNV8
2DO (N+3.78)	B437	V40X60	276.958	0.000	VNV16	0.168	VNV8
2DO (N+3.78)	B437	V40X60	323.117	0.000	VNV16	0.180	VNV8
2DO (N+3.78)	B437	V40X60	369.277	0.000	VNV16	0.192	VNV8
2DO (N+3.78)	B437	V40X60	415.437	0.000	VNV16	0.200	VNV8
2DO (N+3.78)	B440	V40X60	0.000	0.000	VNV16	0.131	VNV8
2DO (N+3.78)	B440	V40X60	48.658	0.000	VNV16	0.119	VNV8
2DO (N+3.78)	B440	V40X60	97.315	0.000	VNV16	0.106	VNV8
2DO (N+3.78)	B440	V40X60	145.973	0.000	VNV16	0.093	VNV8




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 330 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B440	V40X60	194.631	0.000	VNV16	0.080	VNV8
2DO (N+3.78)	B440	V40X60	243.288	0.000	VNV16	0.067	VNV8
2DO (N+3.78)	B440	V40X60	291.946	0.000	VNV16	0.055	VNV8
2DO (N+3.78)	B440	V40X60	340.604	0.000	VNV16	0.042	VNV8
2DO (N+3.78)	B440	V40X60	389.261	0.000	VNV16	0.029	VNV8
2DO (N+3.78)	B440	V40X60	437.919	0.000	VNV16	0.016	VNV8
2DO (N+3.78)	B440	V40X60	486.577	0.000	VNV16	0.003	VNV8
2DO (N+3.78)	B440	V40X60	535.234	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B440	V40X60	583.892	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B440	V40X60	632.550	0.000	VNV16	0.003	VNV8
2DO (N+3.78)	B440	V40X60	681.207	0.000	VNV16	0.016	VNV8
2DO (N+3.78)	B440	V40X60	729.865	0.000	VNV16	0.029	VNV8
2DO (N+3.78)	B440	V40X60	778.523	0.000	VNV16	0.042	VNV8
2DO (N+3.78)	B440	V40X60	827.180	0.000	VNV16	0.055	VNV8
2DO (N+3.78)	B440	V40X60	875.838	0.000	VNV16	0.068	VNV8
2DO (N+3.78)	B440	V40X60	924.496	0.000	VNV16	0.081	VNV8
2DO (N+3.78)	B440	V40X60	973.153	0.000	VNV16	0.094	VNV8
2DO (N+3.78)	B440	V40X60	1021.811	0.000	VNV16	0.107	VNV8
2DO (N+3.78)	B440	V40X60	1070.469	0.000	VNV16	0.120	VNV8
2DO (N+3.78)	B440	V40X60	1119.126	0.000	VNV16	0.131	VNV8
2DO (N+3.78)	B443	V40X60	0.000	0.000	VNV16	0.189	VNV8
2DO (N+3.78)	B443	V40X60	46.160	0.000	VNV16	0.181	VNV8
2DO (N+3.78)	B443	V40X60	92.319	0.000	VNV16	0.169	VNV8
2DO (N+3.78)	B443	V40X60	138.479	0.000	VNV16	0.157	VNV8
2DO (N+3.78)	B443	V40X60	184.639	0.000	VNV16	0.145	VNV8
2DO (N+3.78)	B443	V40X60	230.798	0.000	VNV16	0.132	VNV8
2DO (N+3.78)	B443	V40X60	276.958	0.000	VNV16	0.143	VNV8
2DO (N+3.78)	B443	V40X60	323.118	0.000	VNV16	0.155	VNV8
2DO (N+3.78)	B443	V40X60	369.277	0.000	VNV16	0.168	VNV8
2DO (N+3.78)	B443	V40X60	415.437	0.000	VNV16	0.180	VNV8
2DO (N+3.78)	B444	V40X60	0.000	0.016	VNV8	0.013	VNV16
2DO (N+3.78)	B444	V40X60	38.424	0.016	VNV8	0.010	VNV16
2DO (N+3.78)	B444	V40X60	76.848	0.016	VNV8	0.008	VNV16
2DO (N+3.78)	B444	V40X60	115.271	0.016	VNV8	0.011	VNV16
2DO (N+3.78)	B444	V40X60	153.695	0.016	VNV8	0.014	VNV16
2DO (N+3.78)	B446	V40X60	0.000	0.030	VNV8	0.008	VNV8
2DO (N+3.78)	B446	V40X60	38.768	0.030	VNV8	0.007	VNV8
2DO (N+3.78)	B446	V40X60	77.537	0.030	VNV8	0.008	VNV8
2DO (N+3.78)	B446	V40X60	116.305	0.030	VNV8	0.010	VNV8
2DO (N+3.78)	B450	V60X60	0.000	0.083	VNV4	0.018	VNV8
2DO (N+3.78)	B450	V60X60	38.827	0.083	VNV4	0.015	VNV8
2DO (N+3.78)	B450	V60X60	77.654	0.083	VNV4	0.013	VNV8
2DO (N+3.78)	B450	V60X60	116.481	0.083	VNV4	0.017	VNV8
2DO (N+3.78)	B450	V60X60	155.308	0.083	VNV4	0.020	VNV8
2DO (N+3.78)	B452	V30X60	0.000	0.000	VNV16	0.077	VNV16
2DO (N+3.78)	B452	V30X60	46.875	0.000	VNV16	0.069	VNV16
2DO (N+3.78)	B452	V30X60	93.750	0.000	VNV16	0.062	VNV16
2DO (N+3.78)	B452	V30X60	140.625	0.000	VNV16	0.055	VNV16
2DO (N+3.78)	B452	V30X60	187.500	0.000	VNV16	0.047	VNV16
2DO (N+3.78)	B452	V30X60	234.375	0.000	VNV16	0.041	VNV16
2DO (N+3.78)	B452	V30X60	281.250	0.000	VNV16	0.048	VNV16
2DO (N+3.78)	B452	V30X60	328.125	0.000	VNV16	0.056	VNV16
2DO (N+3.78)	B452	V30X60	375.000	0.000	VNV16	0.063	VNV16
2DO (N+3.78)	B454	V30X60	0.000	0.000	VNV16	0.112	VNV8
2DO (N+3.78)	B454	V30X60	46.875	0.000	VNV16	0.103	VNV8
2DO (N+3.78)	B454	V30X60	93.750	0.000	VNV16	0.093	VNV8
2DO (N+3.78)	B454	V30X60	140.625	0.000	VNV16	0.084	VNV8
2DO (N+3.78)	B454	V30X60	187.500	0.000	VNV16	0.074	VNV8
2DO (N+3.78)	B454	V30X60	234.375	0.000	VNV16	0.065	VNV16
2DO (N+3.78)	B454	V30X60	281.250	0.000	VNV16	0.073	VNV8
2DO (N+3.78)	B454	V30X60	328.125	0.000	VNV16	0.082	VNV8
2DO (N+3.78)	B454	V30X60	375.000	0.000	VNV16	0.092	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 331 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B457	V30X60	0.000	0.000	VNV16	0.111	VNV8
2DO (N+3.78)	B457	V30X60	46.875	0.000	VNV16	0.102	VNV8
2DO (N+3.78)	B457	V30X60	93.750	0.000	VNV16	0.092	VNV8
2DO (N+3.78)	B457	V30X60	140.625	0.000	VNV16	0.083	VNV8
2DO (N+3.78)	B457	V30X60	187.500	0.000	VNV16	0.073	VNV8
2DO (N+3.78)	B457	V30X60	234.375	0.000	VNV16	0.066	VNV8
2DO (N+3.78)	B457	V30X60	281.250	0.000	VNV16	0.075	VNV8
2DO (N+3.78)	B457	V30X60	328.125	0.000	VNV16	0.085	VNV8
2DO (N+3.78)	B457	V30X60	375.000	0.000	VNV16	0.094	VNV8
2DO (N+3.78)	B458	V30X60	0.000	0.012	VNV4	0.107	VNV8
2DO (N+3.78)	B458	V30X60	46.875	0.012	VNV4	0.095	VNV8
2DO (N+3.78)	B458	V30X60	93.750	0.012	VNV4	0.082	VNV8
2DO (N+3.78)	B458	V30X60	140.625	0.012	VNV4	0.069	VNV8
2DO (N+3.78)	B458	V30X60	187.500	0.012	VNV4	0.057	VNV16
2DO (N+3.78)	B458	V30X60	234.375	0.012	VNV4	0.069	VNV8
2DO (N+3.78)	B458	V30X60	281.250	0.012	VNV4	0.081	VNV8
2DO (N+3.78)	B458	V30X60	328.125	0.012	VNV4	0.094	VNV8
2DO (N+3.78)	B458	V30X60	375.000	0.012	VNV4	0.107	VNV8
2DO (N+3.78)	B459	V60X60	0.000	0.074	VNV4	0.027	VNV8
2DO (N+3.78)	B459	V60X60	40.000	0.074	VNV4	0.024	VNV8
2DO (N+3.78)	B459	V60X60	80.000	0.074	VNV4	0.028	VNV8
2DO (N+3.78)	B460	V60X60	0.000	0.076	VNV4	0.024	VNV8
2DO (N+3.78)	B460	V60X60	25.581	0.076	VNV4	0.022	VNV16
2DO (N+3.78)	B460	V60X60	51.161	0.076	VNV4	0.024	VNV8
2DO (N+3.78)	B460	V60X60	51.161	0.076	VNV4	0.023	VNV8
2DO (N+3.78)	B460	V60X60	80.000	0.076	VNV4	0.023	VNV8
2DO (N+3.78)	B469	V60X60	0.000	0.062	VNV8	0.147	VNV8
2DO (N+3.78)	B469	V60X60	39.375	0.062	VNV8	0.150	VNV8
2DO (N+3.78)	B469	V60X60	78.750	0.062	VNV8	0.152	VNV8
2DO (N+3.78)	B469	V60X60	118.125	0.062	VNV8	0.154	VNV8
2DO (N+3.78)	B469	V60X60	118.125	0.062	VNV8	0.180	VNV8
2DO (N+3.78)	B469	V60X60	165.000	0.062	VNV8	0.183	VNV8
2DO (N+3.78)	B470	V60X60	0.000	0.036	VNV8	0.015	VNV8
2DO (N+3.78)	B470	V60X60	37.500	0.036	VNV8	0.014	VNV8
2DO (N+3.78)	B470	V60X60	75.000	0.036	VNV8	0.017	VNV8
2DO (N+3.78)	B471	V60X100	0.000	0.022	VNV4	0.043	VNV16
2DO (N+3.78)	B471	V60X100	38.690	0.022	VNV4	0.044	VNV8
2DO (N+3.78)	B471	V60X100	77.381	0.022	VNV4	0.047	VNV8
2DO (N+3.78)	B471	V60X100	116.071	0.022	VNV4	0.050	VNV8
2DO (N+3.78)	B471	V60X100	116.071	0.022	VNV4	0.043	VNV16
2DO (N+3.78)	B471	V60X100	155.536	0.022	VNV4	0.044	VNV8
2DO (N+3.78)	B471	V60X100	195.000	0.022	VNV4	0.047	VNV8
2DO (N+3.78)	B475	V60X100	0.000	0.031	VNV4	0.011	VNV4
2DO (N+3.78)	B475	V60X100	48.334	0.031	VNV4	0.005	VNV8
2DO (N+3.78)	B475	V60X100	96.668	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	145.002	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	193.336	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	241.670	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	290.003	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	338.337	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	386.671	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	435.005	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	483.339	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	531.673	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	580.007	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	628.341	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	676.675	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	725.009	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	773.343	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	821.676	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	870.010	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	918.344	0.031	VNV4	0.000	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 332 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B475	V60X100	966.678	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	1015.012	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	1063.346	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	1111.680	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	1160.014	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B475	V60X100	1208.348	0.031	VNV4	0.006	VNV8
2DO (N+3.78)	B475	V60X100	1256.682	0.031	VNV4	0.013	VNV4
2DO (N+3.78)	B478	V60X100	0.000	0.000	VNV16	0.046	VNV8
2DO (N+3.78)	B478	V60X100	48.750	0.000	VNV16	0.043	VNV8
2DO (N+3.78)	B478	V60X100	97.500	0.000	VNV16	0.040	VNV8
2DO (N+3.78)	B478	V60X100	146.250	0.000	VNV16	0.041	VNV8
2DO (N+3.78)	B478	V60X100	195.000	0.000	VNV16	0.044	VNV8
2DO (N+3.78)	B479	V60X60	0.000	0.057	VNV8	0.045	VNV8
2DO (N+3.78)	B479	V60X60	25.000	0.057	VNV8	0.045	VNV8
2DO (N+3.78)	B485	V60X60	0.000	0.000	VNV16	0.103	VNV8
2DO (N+3.78)	B485	V60X60	44.684	0.000	VNV16	0.105	VNV8
2DO (N+3.78)	B485	V60X60	89.369	0.000	VNV16	0.108	VNV8
2DO (N+3.78)	B485	V60X60	134.053	0.000	VNV16	0.111	VNV8
2DO (N+3.78)	B486	V60X60	0.000	0.000	VNV16	0.111	VNV8
2DO (N+3.78)	B486	V60X60	44.684	0.000	VNV16	0.108	VNV8
2DO (N+3.78)	B486	V60X60	89.369	0.000	VNV16	0.105	VNV8
2DO (N+3.78)	B486	V60X60	134.053	0.000	VNV16	0.103	VNV8
2DO (N+3.78)	B489	V20X60	0.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B489	V20X60	48.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B489	V20X60	96.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B489	V20X60	144.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B489	V20X60	192.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B489	V20X60	240.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	0.000	0.000	VNV16	0.021	VNV8
2DO (N+3.78)	B498	V60X60	49.811	0.000	VNV16	0.016	VNV8
2DO (N+3.78)	B498	V60X60	99.622	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B498	V60X60	149.433	0.000	VNV16	0.005	VNV8
2DO (N+3.78)	B498	V60X60	199.244	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	249.055	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	298.867	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	348.678	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	398.489	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	448.300	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	498.111	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	547.922	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	597.733	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	647.544	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	697.355	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	747.166	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	796.977	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	846.789	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	896.600	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	946.411	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	996.222	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	1046.033	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	1095.844	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	1145.655	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	1195.466	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	1245.277	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	1295.088	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	1344.899	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B498	V60X60	1394.711	0.000	VNV16	0.005	VNV8
2DO (N+3.78)	B498	V60X60	1444.522	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B498	V60X60	1494.333	0.000	VNV16	0.017	VNV8
2DO (N+3.78)	B500	V40X60	0.000	0.000	VNV16	0.054	VNV8
2DO (N+3.78)	B500	V40X60	48.000	0.000	VNV16	0.045	VNV8
2DO (N+3.78)	B500	V40X60	96.000	0.000	VNV16	0.037	VNV8



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 333 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B500	V40X60	144.000	0.000	VNV16	0.028	VNV8
2DO (N+3.78)	B500	V40X60	192.000	0.000	VNV16	0.020	VNV8
2DO (N+3.78)	B500	V40X60	240.000	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B500	V40X60	288.000	0.000	VNV16	0.003	VNV8
2DO (N+3.78)	B500	V40X60	336.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B500	V40X60	384.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B500	V40X60	432.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B500	V40X60	480.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B500	V40X60	528.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B500	V40X60	576.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B500	V40X60	624.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B500	V40X60	672.000	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B500	V40X60	720.000	0.000	VNV16	0.002	VNV8
2DO (N+3.78)	B500	V40X60	768.000	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B500	V40X60	816.000	0.000	VNV16	0.019	VNV8
2DO (N+3.78)	B500	V40X60	864.000	0.000	VNV16	0.028	VNV8
2DO (N+3.78)	B500	V40X60	912.000	0.000	VNV16	0.036	VNV8
2DO (N+3.78)	B500	V40X60	960.000	0.000	VNV16	0.044	VNV8
2DO (N+3.78)	B500	V40X60	1008.000	0.000	VNV16	0.053	VNV8
2DO (N+3.78)	B503	V50X60	0.000	0.000	VNV16	0.070	VNV8
2DO (N+3.78)	B503	V50X60	48.235	0.000	VNV16	0.059	VNV8
2DO (N+3.78)	B503	V50X60	96.471	0.000	VNV16	0.049	VNV8
2DO (N+3.78)	B503	V50X60	144.706	0.000	VNV16	0.038	VNV8
2DO (N+3.78)	B503	V50X60	192.941	0.000	VNV16	0.027	VNV8
2DO (N+3.78)	B503	V50X60	241.176	0.000	VNV16	0.016	VNV8
2DO (N+3.78)	B503	V50X60	289.412	0.000	VNV16	0.006	VNV8
2DO (N+3.78)	B503	V50X60	337.647	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B503	V50X60	385.882	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B503	V50X60	434.118	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B503	V50X60	482.353	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B503	V50X60	530.588	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B503	V50X60	578.824	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B503	V50X60	627.059	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B503	V50X60	675.294	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B503	V50X60	723.529	0.000	VNV16	0.007	VNV8
2DO (N+3.78)	B503	V50X60	771.765	0.000	VNV16	0.018	VNV8
2DO (N+3.78)	B503	V50X60	820.000	0.000	VNV16	0.029	VNV8
2DO (N+3.78)	B503	V50X60	820.000	0.000	VNV16	0.031	VNV8
2DO (N+3.78)	B503	V50X60	867.000	0.000	VNV16	0.042	VNV8
2DO (N+3.78)	B503	V50X60	914.000	0.000	VNV16	0.052	VNV8
2DO (N+3.78)	B503	V50X60	961.000	0.000	VNV16	0.063	VNV8
2DO (N+3.78)	B503	V50X60	1008.000	0.000	VNV16	0.073	VNV8
2DO (N+3.78)	B504	V30X60	0.000	0.000	VNV16	0.078	VNV8
2DO (N+3.78)	B504	V30X60	47.000	0.000	VNV16	0.069	VNV8
2DO (N+3.78)	B504	V30X60	94.000	0.000	VNV16	0.060	VNV8
2DO (N+3.78)	B504	V30X60	141.000	0.000	VNV16	0.051	VNV8
2DO (N+3.78)	B504	V30X60	188.000	0.000	VNV16	0.042	VNV8
2DO (N+3.78)	B504	V30X60	188.000	0.000	VNV16	0.039	VNV8
2DO (N+3.78)	B504	V30X60	236.235	0.000	VNV16	0.030	VNV8
2DO (N+3.78)	B504	V30X60	284.470	0.000	VNV16	0.021	VNV8
2DO (N+3.78)	B504	V30X60	332.706	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B504	V30X60	380.941	0.000	VNV16	0.002	VNV8
2DO (N+3.78)	B504	V30X60	429.176	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B504	V30X60	477.412	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B504	V30X60	525.647	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B504	V30X60	573.882	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B504	V30X60	622.117	0.000	VNV16	0.000	VNV16
2DO (N+3.78)	B504	V30X60	670.353	0.000	VNV16	0.008	VNV8
2DO (N+3.78)	B504	V30X60	718.588	0.000	VNV16	0.018	VNV8
2DO (N+3.78)	B504	V30X60	766.823	0.000	VNV16	0.027	VNV8
2DO (N+3.78)	B504	V30X60	815.059	0.000	VNV16	0.037	VNV8
2DO (N+3.78)	B504	V30X60	863.294	0.000	VNV16	0.046	VNV8
2DO (N+3.78)	B504	V30X60	911.529	0.000	VNV16	0.055	VNV8
2DO (N+3.78)	B504	V30X60	959.765	0.000	VNV16	0.065	VNV8
2DO (N+3.78)	B504	V30X60	1008.000	0.000	VNV16	0.074	VNV8
2DO (N+3.78)	B510	V60X60	50.000	0.000	VNV16	0.160	VNV8



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 334 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


2DO (N+3.78)	B510	V60X60	100.000	0.000	VNV16	0.157	VNV8
2DO (N+3.78)	B512	V60X60	50.000	0.000	VNV16	0.099	VNV16
2DO (N+3.78)	B512	V60X60	98.750	0.000	VNV16	0.095	VNV16
2DO (N+3.78)	B512	V60X60	147.500	0.000	VNV16	0.090	VNV16
2DO (N+3.78)	B512	V60X60	196.250	0.000	VNV16	0.086	VNV16
2DO (N+3.78)	B512	V60X60	245.000	0.000	VNV16	0.082	VNV16
2DO (N+3.78)	B512	V60X60	293.750	0.000	VNV16	0.078	VNV16
2DO (N+3.78)	B512	V60X60	342.500	0.000	VNV16	0.074	VNV16
2DO (N+3.78)	B512	V60X60	391.250	0.000	VNV16	0.070	VNV16
2DO (N+3.78)	B512	V60X60	440.000	0.000	VNV16	0.066	VNV16
2DO (N+3.78)	B512	V60X60	488.750	0.000	VNV16	0.062	VNV16
2DO (N+3.78)	B512	V60X60	537.500	0.000	VNV16	0.065	VNV16
2DO (N+3.78)	B512	V60X60	586.250	0.000	VNV16	0.069	VNV16
2DO (N+3.78)	B512	V60X60	635.000	0.000	VNV16	0.073	VNV16
2DO (N+3.78)	B512	V60X60	683.750	0.000	VNV16	0.077	VNV16
2DO (N+3.78)	B512	V60X60	732.500	0.000	VNV16	0.081	VNV16
2DO (N+3.78)	B512	V60X60	781.250	0.000	VNV16	0.085	VNV16
2DO (N+3.78)	B512	V60X60	830.000	0.000	VNV16	0.089	VNV16
2DO (N+3.78)	B512	V60X60	830.000	0.000	VNV16	0.106	VNV16
2DO (N+3.78)	B512	V60X60	878.333	0.000	VNV16	0.108	VNV16
2DO (N+3.78)	B512	V60X60	926.667	0.000	VNV16	0.110	VNV16
2DO (N+3.78)	B512	V60X60	975.000	0.000	VNV16	0.112	VNV16
2DO (N+3.78)	B514	V60X60	0.000	0.000	VNV16	0.012	VNV8
2DO (N+3.78)	B514	V60X60	48.750	0.000	VNV16	0.009	VNV8
2DO (N+3.78)	B514	V60X60	97.500	0.000	VNV16	0.008	VNV8
2DO (N+3.78)	B514	V60X60	146.250	0.000	VNV16	0.011	VNV8
2DO (N+3.78)	B514	V60X60	195.000	0.000	VNV16	0.014	VNV8
2DO (N+3.78)	B516	V60X60	0.000	0.000	VNV16	0.175	VNV8
2DO (N+3.78)	B516	V60X60	27.500	0.000	VNV16	0.177	VNV8
2DO (N+3.78)	B516	V60X60	55.000	0.000	VNV16	0.178	VNV8
2DO (N+3.78)	B518	V40X60	0.000	0.013	VNV8	0.092	VNV8
2DO (N+3.78)	B518	V40X60	50.000	0.013	VNV8	0.083	VNV8
2DO (N+3.78)	B518	V40X60	100.000	0.013	VNV8	0.075	VNV8
2DO (N+3.78)	B518	V40X60	150.000	0.013	VNV8	0.066	VNV8
2DO (N+3.78)	B518	V40X60	200.000	0.013	VNV8	0.057	VNV8
2DO (N+3.78)	B519	V50X60	0.000	0.000	VNV16	0.097	VNV8
2DO (N+3.78)	B519	V50X60	50.000	0.000	VNV16	0.085	VNV8
2DO (N+3.78)	B519	V50X60	100.000	0.000	VNV16	0.074	VNV8
2DO (N+3.78)	B519	V50X60	150.000	0.000	VNV16	0.063	VNV8
2DO (N+3.78)	B519	V50X60	200.000	0.000	VNV16	0.052	VNV16
2DO (N+3.78)	B522	V20X60	0.000	0.000	VNV16	0.019	VNV8
2DO (N+3.78)	B522	V20X60	48.333	0.000	VNV16	0.020	VNV8
2DO (N+3.78)	B522	V20X60	96.667	0.000	VNV16	0.021	VNV8
2DO (N+3.78)	B522	V20X60	145.000	0.000	VNV16	0.022	VNV8
2DO (N+3.78)	B523	V20X60	0.000	0.000	VNV16	0.013	VNV8
2DO (N+3.78)	B523	V20X60	48.750	0.000	VNV16	0.014	VNV8
2DO (N+3.78)	B523	V20X60	97.500	0.000	VNV16	0.015	VNV8
2DO (N+3.78)	B523	V20X60	146.250	0.000	VNV16	0.016	VNV8
2DO (N+3.78)	B523	V20X60	195.000	0.000	VNV16	0.017	VNV8
2DO (N+3.78)	B524	V20X60	0.000	0.000	VNV16	0.022	VNV8
2DO (N+3.78)	B524	V20X60	48.000	0.000	VNV16	0.023	VNV8
2DO (N+3.78)	B524	V20X60	96.000	0.000	VNV16	0.024	VNV8
2DO (N+3.78)	B524	V20X60	144.000	0.000	VNV16	0.025	VNV8
2DO (N+3.78)	B524	V20X60	192.000	0.000	VNV16	0.026	VNV8
2DO (N+3.78)	B524	V20X60	240.000	0.000	VNV16	0.027	VNV8
2DO (N+3.78)	B630	V30X60	0.000	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	46.667	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	93.333	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	140.000	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	186.667	0.017	VNV8	0.000	VNV16




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 335 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

2DO (N+3.78)	B630	V30X60	233.333	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	280.000	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	280.000	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	323.333	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	366.667	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	410.000	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	453.333	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	496.667	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B630	V30X60	540.000	0.017	VNV8	0.000	VNV16
2DO (N+3.78)	B631	V30X60	0.000	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B631	V30X60	44.000	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B631	V30X60	88.000	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B631	V30X60	132.000	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B631	V30X60	176.000	0.031	VNV4	0.000	VNV16
2DO (N+3.78)	B631	V30X60	220.000	0.031	VNV4	0.000	VNV16
1ER (N+0.36)	B1	V60X60	0.000	0.000	VNV16	0.018	VNV16
1ER (N+0.36)	B1	V60X60	45.000	0.000	VNV16	0.014	VNV16
1ER (N+0.36)	B1	V60X60	90.000	0.000	VNV16	0.010	VNV16
1ER (N+0.36)	B1	V60X60	135.000	0.000	VNV16	0.015	VNV16
1ER (N+0.36)	B1	V60X60	180.000	0.000	VNV16	0.019	VNV16
1ER (N+0.36)	B2	V60X60	0.000	0.000	VNV16	0.223	VNV8
1ER (N+0.36)	B2	V60X60	47.143	0.000	VNV16	0.217	VNV8
1ER (N+0.36)	B2	V60X60	94.286	0.000	VNV16	0.211	VNV8
1ER (N+0.36)	B2	V60X60	141.429	0.000	VNV16	0.205	VNV8
1ER (N+0.36)	B2	V60X60	188.571	0.000	VNV16	0.199	VNV8
1ER (N+0.36)	B2	V60X60	235.714	0.000	VNV16	0.201	VNV8
1ER (N+0.36)	B2	V60X60	282.857	0.000	VNV16	0.207	VNV8
1ER (N+0.36)	B2	V60X60	330.000	0.000	VNV16	0.213	VNV8
1ER (N+0.36)	B3	V60X60	30.000	0.000	VNV16	0.100	VNV8
1ER (N+0.36)	B3	V60X60	77.500	0.000	VNV16	0.094	VNV8
1ER (N+0.36)	B3	V60X60	125.000	0.000	VNV16	0.088	VNV8
1ER (N+0.36)	B3	V60X60	172.500	0.000	VNV16	0.082	VNV8
1ER (N+0.36)	B3	V60X60	220.000	0.000	VNV16	0.075	VNV8
1ER (N+0.36)	B3	V60X60	267.500	0.000	VNV16	0.069	VNV8
1ER (N+0.36)	B3	V60X60	315.000	0.000	VNV16	0.066	VNV8
1ER (N+0.36)	B3	V60X60	362.500	0.000	VNV16	0.072	VNV8
1ER (N+0.36)	B3	V60X60	410.000	0.000	VNV16	0.078	VNV8
1ER (N+0.36)	B3	V60X60	457.500	0.000	VNV16	0.084	VNV8
1ER (N+0.36)	B3	V60X60	505.000	0.000	VNV16	0.090	VNV8
1ER (N+0.36)	B3	V60X60	552.500	0.000	VNV16	0.096	VNV8
1ER (N+0.36)	B3	V60X60	600.000	0.000	VNV16	0.103	VNV8
1ER (N+0.36)	B4	V60X60	30.000	0.000	VNV16	0.100	VNV8
1ER (N+0.36)	B4	V60X60	77.500	0.000	VNV16	0.094	VNV8
1ER (N+0.36)	B4	V60X60	125.000	0.000	VNV16	0.088	VNV8
1ER (N+0.36)	B4	V60X60	172.500	0.000	VNV16	0.082	VNV8
1ER (N+0.36)	B4	V60X60	220.000	0.000	VNV16	0.075	VNV8
1ER (N+0.36)	B4	V60X60	267.500	0.000	VNV16	0.069	VNV8
1ER (N+0.36)	B4	V60X60	315.000	0.000	VNV16	0.063	VNV16
1ER (N+0.36)	B4	V60X60	362.500	0.000	VNV16	0.069	VNV8
1ER (N+0.36)	B4	V60X60	410.000	0.000	VNV16	0.075	VNV8
1ER (N+0.36)	B4	V60X60	457.500	0.000	VNV16	0.081	VNV8
1ER (N+0.36)	B4	V60X60	505.000	0.000	VNV16	0.088	VNV8
1ER (N+0.36)	B4	V60X60	552.500	0.000	VNV16	0.094	VNV8
1ER (N+0.36)	B4	V60X60	600.000	0.000	VNV16	0.100	VNV8
1ER (N+0.36)	B5	V60X60	30.000	0.000	VNV16	0.229	VNV8
1ER (N+0.36)	B5	V60X60	78.000	0.000	VNV16	0.217	VNV8
1ER (N+0.36)	B5	V60X60	126.000	0.000	VNV16	0.205	VNV8
1ER (N+0.36)	B5	V60X60	174.000	0.000	VNV16	0.193	VNV16
1ER (N+0.36)	B5	V60X60	222.000	0.000	VNV16	0.204	VNV8
1ER (N+0.36)	B5	V60X60	270.000	0.000	VNV16	0.216	VNV8
1ER (N+0.36)	B5	V60X60	270.000	0.000	VNV16	0.238	VNV8
1ER (N+0.36)	B5	V60X60	315.000	0.000	VNV16	0.244	VNV8
1ER (N+0.36)	B5	V60X60	360.000	0.000	VNV16	0.250	VNV8




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 336 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B6	V60X60	0.000	0.000	VNV16	0.015	VNV8
1ER (N+0.36)	B6	V60X60	45.000	0.000	VNV16	0.013	VNV8
1ER (N+0.36)	B6	V60X60	90.000	0.000	VNV16	0.010	VNV8
1ER (N+0.36)	B6	V60X60	135.000	0.000	VNV16	0.011	VNV8
1ER (N+0.36)	B6	V60X60	180.000	0.000	VNV16	0.014	VNV8
1ER (N+0.36)	B7	V30X60	0.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B7	V30X60	45.714	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B7	V30X60	91.429	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B7	V30X60	137.143	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B7	V30X60	182.857	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B7	V30X60	228.571	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B7	V30X60	274.286	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B7	V30X60	320.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B13	V60X60	30.000	0.000	VNV16	0.111	VNV16
1ER (N+0.36)	B13	V60X60	77.273	0.000	VNV16	0.102	VNV16
1ER (N+0.36)	B13	V60X60	124.545	0.000	VNV16	0.092	VNV16
1ER (N+0.36)	B13	V60X60	171.818	0.000	VNV16	0.083	VNV16
1ER (N+0.36)	B13	V60X60	219.091	0.000	VNV16	0.074	VNV16
1ER (N+0.36)	B13	V60X60	266.364	0.000	VNV16	0.064	VNV16
1ER (N+0.36)	B13	V60X60	313.636	0.000	VNV16	0.072	VNV16
1ER (N+0.36)	B13	V60X60	360.909	0.000	VNV16	0.082	VNV16
1ER (N+0.36)	B13	V60X60	408.182	0.000	VNV16	0.091	VNV16
1ER (N+0.36)	B13	V60X60	455.455	0.000	VNV16	0.101	VNV16
1ER (N+0.36)	B13	V60X60	502.727	0.000	VNV16	0.110	VNV16
1ER (N+0.36)	B13	V60X60	550.000	0.000	VNV16	0.120	VNV16
1ER (N+0.36)	B14	V50X60	30.000	0.000	VNV16	0.083	VNV16
1ER (N+0.36)	B14	V50X60	75.682	0.000	VNV16	0.076	VNV16
1ER (N+0.36)	B14	V50X60	121.364	0.000	VNV16	0.070	VNV16
1ER (N+0.36)	B14	V50X60	167.045	0.000	VNV16	0.063	VNV16
1ER (N+0.36)	B14	V50X60	212.727	0.000	VNV16	0.057	VNV16
1ER (N+0.36)	B14	V50X60	258.409	0.000	VNV16	0.051	VNV16
1ER (N+0.36)	B14	V50X60	304.091	0.000	VNV16	0.049	VNV16
1ER (N+0.36)	B14	V50X60	349.773	0.000	VNV16	0.056	VNV16
1ER (N+0.36)	B14	V50X60	395.455	0.000	VNV16	0.062	VNV16
1ER (N+0.36)	B14	V50X60	441.136	0.000	VNV16	0.068	VNV16
1ER (N+0.36)	B14	V50X60	486.818	0.000	VNV16	0.075	VNV16
1ER (N+0.36)	B14	V50X60	532.500	0.000	VNV16	0.081	VNV16
1ER (N+0.36)	B17	V50X60	30.000	0.000	VNV16	0.075	VNV16
1ER (N+0.36)	B17	V50X60	78.333	0.000	VNV16	0.073	VNV16
1ER (N+0.36)	B17	V50X60	126.667	0.000	VNV16	0.072	VNV16
1ER (N+0.36)	B17	V50X60	175.000	0.000	VNV16	0.070	VNV16
1ER (N+0.36)	B17	V50X60	223.333	0.000	VNV16	0.068	VNV16
1ER (N+0.36)	B17	V50X60	271.667	0.000	VNV16	0.066	VNV16
1ER (N+0.36)	B17	V50X60	320.000	0.000	VNV16	0.064	VNV16
1ER (N+0.36)	B17	V50X60	320.000	0.000	VNV16	0.058	VNV16
1ER (N+0.36)	B17	V50X60	362.500	0.000	VNV16	0.063	VNV16
1ER (N+0.36)	B17	V50X60	405.000	0.000	VNV16	0.069	VNV16
1ER (N+0.36)	B17	V50X60	447.500	0.000	VNV16	0.075	VNV16
1ER (N+0.36)	B17	V50X60	490.000	0.000	VNV16	0.081	VNV16
1ER (N+0.36)	B17	V50X60	532.500	0.000	VNV16	0.087	VNV16
1ER (N+0.36)	B20	V60X60	0.000	0.000	VNV16	0.116	VNV16
1ER (N+0.36)	B20	V60X60	45.714	0.000	VNV16	0.110	VNV16
1ER (N+0.36)	B20	V60X60	91.429	0.000	VNV16	0.103	VNV16
1ER (N+0.36)	B20	V60X60	137.143	0.000	VNV16	0.096	VNV16
1ER (N+0.36)	B20	V60X60	182.857	0.000	VNV16	0.089	VNV16
1ER (N+0.36)	B20	V60X60	228.571	0.000	VNV16	0.083	VNV16
1ER (N+0.36)	B20	V60X60	274.286	0.000	VNV16	0.076	VNV16
1ER (N+0.36)	B20	V60X60	320.000	0.000	VNV16	0.069	VNV16
1ER (N+0.36)	B20	V60X60	320.000	0.000	VNV16	0.080	VNV16
1ER (N+0.36)	B20	V60X60	370.000	0.000	VNV16	0.090	VNV16
1ER (N+0.36)	B20	V60X60	420.000	0.000	VNV16	0.100	VNV16
1ER (N+0.36)	B20	V60X60	470.000	0.000	VNV16	0.110	VNV16
1ER (N+0.36)	B20	V60X60	520.000	0.000	VNV16	0.120	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 337 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B22	V30X60	0.000	0.000	VNV16	0.001	VNV4
1ER (N+0.36)	B22	V30X60	45.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	90.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	135.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	180.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	225.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	270.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	270.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	315.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	360.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	405.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	450.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	495.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B22	V30X60	540.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B32	V50X60	30.000	0.000	VNV16	0.096	VNV8
1ER (N+0.36)	B32	V50X60	76.000	0.000	VNV16	0.093	VNV8
1ER (N+0.36)	B32	V50X60	122.000	0.000	VNV16	0.091	VNV8
1ER (N+0.36)	B32	V50X60	168.000	0.000	VNV16	0.089	VNV8
1ER (N+0.36)	B32	V50X60	214.000	0.000	VNV16	0.086	VNV8
1ER (N+0.36)	B32	V50X60	260.000	0.000	VNV16	0.084	VNV8
1ER (N+0.36)	B32	V50X60	306.000	0.000	VNV16	0.082	VNV8
1ER (N+0.36)	B32	V50X60	352.000	0.000	VNV16	0.080	VNV8
1ER (N+0.36)	B32	V50X60	398.000	0.000	VNV16	0.077	VNV8
1ER (N+0.36)	B32	V50X60	444.000	0.000	VNV16	0.077	VNV16
1ER (N+0.36)	B32	V50X60	490.000	0.000	VNV16	0.079	VNV16
1ER (N+0.36)	B35	V50X60	50.000	0.000	VNV16	0.091	VNV8
1ER (N+0.36)	B35	V50X60	96.000	0.000	VNV16	0.089	VNV8
1ER (N+0.36)	B35	V50X60	142.000	0.000	VNV16	0.086	VNV8
1ER (N+0.36)	B35	V50X60	188.000	0.000	VNV16	0.084	VNV8
1ER (N+0.36)	B35	V50X60	234.000	0.000	VNV16	0.083	VNV16
1ER (N+0.36)	B35	V50X60	280.000	0.000	VNV16	0.085	VNV8
1ER (N+0.36)	B35	V50X60	280.000	0.000	VNV16	0.101	VNV8
1ER (N+0.36)	B35	V50X60	326.000	0.000	VNV16	0.107	VNV8
1ER (N+0.36)	B35	V50X60	372.000	0.000	VNV16	0.113	VNV8
1ER (N+0.36)	B35	V50X60	418.000	0.000	VNV16	0.120	VNV8
1ER (N+0.36)	B35	V50X60	464.000	0.000	VNV16	0.126	VNV8
1ER (N+0.36)	B35	V50X60	510.000	0.000	VNV16	0.132	VNV8
1ER (N+0.36)	B41	V60X60	0.000	0.000	VNV16	0.183	VNV8
1ER (N+0.36)	B41	V60X60	48.000	0.000	VNV16	0.166	VNV8
1ER (N+0.36)	B41	V60X60	96.000	0.000	VNV16	0.150	VNV8
1ER (N+0.36)	B41	V60X60	144.000	0.000	VNV16	0.139	VNV8
1ER (N+0.36)	B41	V60X60	192.000	0.000	VNV16	0.155	VNV8
1ER (N+0.36)	B41	V60X60	240.000	0.000	VNV16	0.172	VNV8
1ER (N+0.36)	B44	V50X60	17.500	0.000	VNV16	0.096	VNV16
1ER (N+0.36)	B44	V50X60	59.583	0.000	VNV16	0.090	VNV16
1ER (N+0.36)	B44	V50X60	101.667	0.000	VNV16	0.084	VNV16
1ER (N+0.36)	B44	V50X60	143.750	0.000	VNV16	0.078	VNV16
1ER (N+0.36)	B44	V50X60	185.833	0.000	VNV16	0.073	VNV16
1ER (N+0.36)	B44	V50X60	227.917	0.000	VNV16	0.067	VNV16
1ER (N+0.36)	B44	V50X60	270.000	0.000	VNV16	0.061	VNV16
1ER (N+0.36)	B49	V50X60	17.500	0.000	VNV16	0.103	VNV16
1ER (N+0.36)	B49	V50X60	58.000	0.000	VNV16	0.099	VNV16
1ER (N+0.36)	B49	V50X60	98.500	0.000	VNV16	0.095	VNV16
1ER (N+0.36)	B49	V50X60	139.000	0.000	VNV16	0.092	VNV16
1ER (N+0.36)	B49	V50X60	179.500	0.000	VNV16	0.088	VNV16
1ER (N+0.36)	B49	V50X60	220.000	0.000	VNV16	0.084	VNV16
1ER (N+0.36)	B49	V50X60	220.000	0.000	VNV16	0.072	VNV16
1ER (N+0.36)	B49	V50X60	270.000	0.000	VNV16	0.065	VNV16
1ER (N+0.36)	B53	V60X60	30.000	0.000	VNV16	0.160	VNV8
1ER (N+0.36)	B53	V60X60	77.500	0.000	VNV16	0.154	VNV8
1ER (N+0.36)	B53	V60X60	125.000	0.000	VNV16	0.148	VNV8
1ER (N+0.36)	B53	V60X60	172.500	0.000	VNV16	0.141	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 338 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B53	V60X60	220.000	0.000	VNV16	0.143	VNV16
1ER (N+0.36)	B53	V60X60	220.000	0.000	VNV16	0.177	VNV8
1ER (N+0.36)	B53	V60X60	270.000	0.000	VNV16	0.194	VNV8
1ER (N+0.36)	B59	V15X60	0.000	0.000	VNV16	0.002	VNV8
1ER (N+0.36)	B59	V15X60	40.000	0.000	VNV16	0.002	VNV8
1ER (N+0.36)	B59	V15X60	80.000	0.000	VNV16	0.001	VNV8
1ER (N+0.36)	B59	V15X60	120.000	0.000	VNV16	0.002	VNV8
1ER (N+0.36)	B61	V15X60	0.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B61	V15X60	46.667	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B61	V15X60	93.333	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B61	V15X60	140.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B61	V15X60	186.667	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B61	V15X60	233.333	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B61	V15X60	280.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B61	V15X60	326.667	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B61	V15X60	373.333	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B61	V15X60	420.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B67	V20X60	0.000	0.016	VNV8	0.000	VNV16
1ER (N+0.36)	B67	V20X60	46.667	0.016	VNV8	0.000	VNV16
1ER (N+0.36)	B67	V20X60	93.333	0.016	VNV8	0.000	VNV16
1ER (N+0.36)	B67	V20X60	140.000	0.016	VNV8	0.000	VNV16
1ER (N+0.36)	B67	V20X60	186.667	0.016	VNV8	0.000	VNV16
1ER (N+0.36)	B67	V20X60	233.333	0.016	VNV8	0.000	VNV16
1ER (N+0.36)	B67	V20X60	280.000	0.016	VNV8	0.000	VNV16
1ER (N+0.36)	B67	V20X60	326.667	0.016	VNV8	0.000	VNV16
1ER (N+0.36)	B67	V20X60	373.333	0.016	VNV8	0.000	VNV16
1ER (N+0.36)	B67	V20X60	420.000	0.016	VNV8	0.000	VNV16
1ER (N+0.36)	B70	V15X60	0.000	0.000	VNV16	0.002	VNV8
1ER (N+0.36)	B70	V15X60	40.000	0.000	VNV16	0.002	VNV8
1ER (N+0.36)	B70	V15X60	80.000	0.000	VNV16	0.002	VNV8
1ER (N+0.36)	B70	V15X60	120.000	0.000	VNV16	0.003	VNV8
1ER (N+0.36)	B274	V40X60	0.000	0.018	VNV8	0.008	VNV8
1ER (N+0.36)	B274	V40X60	40.000	0.018	VNV8	0.006	VNV8
1ER (N+0.36)	B274	V40X60	80.000	0.018	VNV8	0.007	VNV8
1ER (N+0.36)	B274	V40X60	120.000	0.018	VNV8	0.008	VNV8
1ER (N+0.36)	B276	V40X60	0.000	0.000	VNV16	0.165	VNV8
1ER (N+0.36)	B276	V40X60	46.000	0.000	VNV16	0.163	VNV8
1ER (N+0.36)	B276	V40X60	92.000	0.000	VNV16	0.162	VNV8
1ER (N+0.36)	B276	V40X60	138.000	0.000	VNV16	0.160	VNV8
1ER (N+0.36)	B276	V40X60	184.000	0.000	VNV16	0.158	VNV8
1ER (N+0.36)	B276	V40X60	230.000	0.000	VNV16	0.156	VNV8
1ER (N+0.36)	B286	V40X60	60.000	0.000	VNV16	0.154	VNV8
1ER (N+0.36)	B286	V40X60	106.000	0.000	VNV16	0.156	VNV8
1ER (N+0.36)	B286	V40X60	152.000	0.000	VNV16	0.158	VNV8
1ER (N+0.36)	B286	V40X60	198.000	0.000	VNV16	0.160	VNV8
1ER (N+0.36)	B286	V40X60	244.000	0.000	VNV16	0.162	VNV8
1ER (N+0.36)	B286	V40X60	290.000	0.000	VNV16	0.164	VNV8
1ER (N+0.36)	B288	V40X60	0.000	0.013	VNV8	0.008	VNV8
1ER (N+0.36)	B288	V40X60	40.000	0.013	VNV8	0.006	VNV8
1ER (N+0.36)	B288	V40X60	80.000	0.013	VNV8	0.005	VNV8
1ER (N+0.36)	B288	V40X60	120.000	0.013	VNV8	0.007	VNV8
1ER (N+0.36)	B290	V40X60	29.802	0.029	VNV4	0.241	VNV8
1ER (N+0.36)	B290	V40X60	75.183	0.029	VNV4	0.232	VNV8
1ER (N+0.36)	B290	V40X60	120.564	0.029	VNV4	0.224	VNV8
1ER (N+0.36)	B290	V40X60	165.944	0.029	VNV4	0.215	VNV8
1ER (N+0.36)	B290	V40X60	211.325	0.029	VNV4	0.206	VNV8
1ER (N+0.36)	B291	V40X60	30.435	0.028	VNV4	0.206	VNV16
1ER (N+0.36)	B291	V40X60	75.816	0.028	VNV4	0.215	VNV8
1ER (N+0.36)	B291	V40X60	121.197	0.028	VNV4	0.224	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 339 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B291	V40X60	166.577	0.028	VNV4	0.233	VNV8
1ER (N+0.36)	B291	V40X60	211.958	0.028	VNV4	0.242	VNV8
1ER (N+0.36)	B296	V40X60	0.000	0.000	VNV16	0.167	VNV8
1ER (N+0.36)	B296	V40X60	48.000	0.000	VNV16	0.154	VNV8
1ER (N+0.36)	B296	V40X60	96.000	0.000	VNV16	0.141	VNV8
1ER (N+0.36)	B296	V40X60	144.000	0.000	VNV16	0.128	VNV8
1ER (N+0.36)	B296	V40X60	192.000	0.000	VNV16	0.128	VNV8
1ER (N+0.36)	B296	V40X60	240.000	0.000	VNV16	0.140	VNV8
1ER (N+0.36)	B296	V40X60	240.000	0.000	VNV16	0.140	VNV8
1ER (N+0.36)	B296	V40X60	273.753	0.000	VNV16	0.149	VNV8
1ER (N+0.36)	B296	V40X60	307.507	0.000	VNV16	0.157	VNV8
1ER (N+0.36)	B296	V40X60	341.260	0.000	VNV16	0.166	VNV8
1ER (N+0.36)	B297	V40X60	0.000	0.000	VNV16	0.177	VNV8
1ER (N+0.36)	B297	V40X60	48.000	0.000	VNV16	0.164	VNV8
1ER (N+0.36)	B297	V40X60	96.000	0.000	VNV16	0.151	VNV8
1ER (N+0.36)	B297	V40X60	144.000	0.000	VNV16	0.139	VNV8
1ER (N+0.36)	B297	V40X60	192.000	0.000	VNV16	0.133	VNV8
1ER (N+0.36)	B297	V40X60	240.000	0.000	VNV16	0.145	VNV8
1ER (N+0.36)	B297	V40X60	240.000	0.000	VNV16	0.145	VNV8
1ER (N+0.36)	B297	V40X60	273.753	0.000	VNV16	0.154	VNV8
1ER (N+0.36)	B297	V40X60	307.507	0.000	VNV16	0.162	VNV8
1ER (N+0.36)	B297	V40X60	341.260	0.000	VNV16	0.171	VNV8
1ER (N+0.36)	B306	V40X60	0.000	0.014	VNV8	0.025	VNV16
1ER (N+0.36)	B306	V40X60	41.727	0.014	VNV8	0.020	VNV16
1ER (N+0.36)	B306	V40X60	83.455	0.014	VNV8	0.014	VNV16
1ER (N+0.36)	B306	V40X60	125.182	0.014	VNV8	0.020	VNV16
1ER (N+0.36)	B306	V40X60	166.909	0.014	VNV8	0.025	VNV16
1ER (N+0.36)	B307	V40X60	0.000	0.011	VNV8	0.040	VNV8
1ER (N+0.36)	B307	V40X60	44.364	0.011	VNV8	0.029	VNV8
1ER (N+0.36)	B307	V40X60	88.727	0.011	VNV8	0.028	VNV8
1ER (N+0.36)	B307	V40X60	133.091	0.011	VNV8	0.039	VNV8
1ER (N+0.36)	B308	V40X60	0.000	0.016	VNV8	0.157	VNV8
1ER (N+0.36)	B308	V40X60	41.057	0.016	VNV8	0.148	VNV8
1ER (N+0.36)	B308	V40X60	82.114	0.016	VNV8	0.141	VNV8
1ER (N+0.36)	B308	V40X60	123.171	0.016	VNV8	0.135	VNV8
1ER (N+0.36)	B308	V40X60	164.227	0.016	VNV8	0.138	VNV8
1ER (N+0.36)	B308	V40X60	205.284	0.016	VNV8	0.140	VNV8
1ER (N+0.36)	B309	V40X60	0.000	0.019	VNV8	0.145	VNV8
1ER (N+0.36)	B309	V40X60	41.057	0.019	VNV8	0.142	VNV8
1ER (N+0.36)	B309	V40X60	82.114	0.019	VNV8	0.142	VNV8
1ER (N+0.36)	B309	V40X60	123.171	0.019	VNV8	0.148	VNV8
1ER (N+0.36)	B309	V40X60	164.228	0.019	VNV8	0.155	VNV8
1ER (N+0.36)	B309	V40X60	205.285	0.019	VNV8	0.164	VNV8
1ER (N+0.36)	B311	V40X60	0.000	0.013	VNV8	0.040	VNV8
1ER (N+0.36)	B311	V40X60	44.363	0.013	VNV8	0.029	VNV8
1ER (N+0.36)	B311	V40X60	88.727	0.013	VNV8	0.030	VNV8
1ER (N+0.36)	B311	V40X60	133.090	0.013	VNV8	0.041	VNV8
1ER (N+0.36)	B312	V40X60	0.000	0.017	VNV8	0.026	VNV16
1ER (N+0.36)	B312	V40X60	41.728	0.017	VNV8	0.021	VNV16
1ER (N+0.36)	B312	V40X60	83.455	0.017	VNV8	0.015	VNV16
1ER (N+0.36)	B312	V40X60	125.183	0.017	VNV8	0.021	VNV16
1ER (N+0.36)	B312	V40X60	166.910	0.017	VNV8	0.026	VNV16
1ER (N+0.36)	B313	V50X60	25.000	0.000	VNV16	0.036	VNV8
1ER (N+0.36)	B313	V50X60	73.500	0.000	VNV16	0.033	VNV8
1ER (N+0.36)	B313	V50X60	122.000	0.000	VNV16	0.031	VNV8
1ER (N+0.36)	B313	V50X60	170.500	0.000	VNV16	0.028	VNV8
1ER (N+0.36)	B313	V50X60	219.000	0.000	VNV16	0.026	VNV8
1ER (N+0.36)	B313	V50X60	267.500	0.000	VNV16	0.024	VNV8
1ER (N+0.36)	B313	V50X60	316.000	0.000	VNV16	0.021	VNV8
1ER (N+0.36)	B313	V50X60	364.500	0.000	VNV16	0.024	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 340 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B313	V50X60	413.000	0.000	VNV16	0.026	VNV8
1ER (N+0.36)	B313	V50X60	461.500	0.000	VNV16	0.028	VNV8
1ER (N+0.36)	B313	V50X60	510.000	0.000	VNV16	0.031	VNV8
1ER (N+0.36)	B313	V50X60	558.500	0.000	VNV16	0.033	VNV8
1ER (N+0.36)	B313	V50X60	607.000	0.000	VNV16	0.036	VNV8
1ER (N+0.36)	B321	V20X60	0.000	0.000	VNV16	0.012	VNV8
1ER (N+0.36)	B321	V20X60	46.364	0.000	VNV16	0.011	VNV8
1ER (N+0.36)	B321	V20X60	92.727	0.000	VNV16	0.010	VNV8
1ER (N+0.36)	B321	V20X60	139.091	0.000	VNV16	0.009	VNV8
1ER (N+0.36)	B321	V20X60	185.454	0.000	VNV16	0.009	VNV8
1ER (N+0.36)	B321	V20X60	231.818	0.000	VNV16	0.008	VNV8
1ER (N+0.36)	B321	V20X60	278.182	0.000	VNV16	0.007	VNV8
1ER (N+0.36)	B321	V20X60	324.545	0.000	VNV16	0.008	VNV8
1ER (N+0.36)	B321	V20X60	370.909	0.000	VNV16	0.009	VNV8
1ER (N+0.36)	B321	V20X60	417.273	0.000	VNV16	0.010	VNV8
1ER (N+0.36)	B321	V20X60	463.636	0.000	VNV16	0.011	VNV8
1ER (N+0.36)	B321	V20X60	510.000	0.000	VNV16	0.012	VNV8
1ER (N+0.36)	B325	V20X60	0.000	0.000	VNV16	0.013	VNV8
1ER (N+0.36)	B325	V20X60	46.364	0.000	VNV16	0.012	VNV8
1ER (N+0.36)	B325	V20X60	92.727	0.000	VNV16	0.011	VNV8
1ER (N+0.36)	B325	V20X60	139.091	0.000	VNV16	0.010	VNV8
1ER (N+0.36)	B325	V20X60	185.455	0.000	VNV16	0.009	VNV8
1ER (N+0.36)	B325	V20X60	231.818	0.000	VNV16	0.008	VNV8
1ER (N+0.36)	B325	V20X60	278.182	0.000	VNV16	0.008	VNV8
1ER (N+0.36)	B325	V20X60	324.545	0.000	VNV16	0.009	VNV8
1ER (N+0.36)	B325	V20X60	370.909	0.000	VNV16	0.010	VNV8
1ER (N+0.36)	B325	V20X60	417.273	0.000	VNV16	0.011	VNV8
1ER (N+0.36)	B325	V20X60	463.636	0.000	VNV16	0.012	VNV8
1ER (N+0.36)	B325	V20X60	510.000	0.000	VNV16	0.013	VNV8
1ER (N+0.36)	B331	V40X60	0.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B331	V40X60	42.884	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B331	V40X60	85.767	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B331	V40X60	128.651	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B331	V40X60	171.535	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B331	V40X60	214.418	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B331	V40X60	214.418	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	260.682	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	306.947	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	353.211	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	353.211	0.015	VNV4	0.009	VNV8
1ER (N+0.36)	B331	V40X60	399.246	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	445.281	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	491.316	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	537.352	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	583.387	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	629.422	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	675.457	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	721.492	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	767.527	0.015	VNV4	0.000	VNV16
1ER (N+0.36)	B331	V40X60	767.527	0.024	VNV4	0.048	VNV12
1ER (N+0.36)	B331	V40X60	807.526	0.024	VNV4	0.039	VNV12
1ER (N+0.36)	B331	V40X60	847.525	0.024	VNV4	0.041	VNV12
1ER (N+0.36)	B332	V40X60	29.817	0.024	VNV4	0.041	VNV12
1ER (N+0.36)	B332	V40X60	69.816	0.024	VNV4	0.038	VNV12
1ER (N+0.36)	B332	V40X60	109.815	0.024	VNV4	0.048	VNV12
1ER (N+0.36)	B332	V40X60	109.815	0.016	VNV4	0.026	VNV8
1ER (N+0.36)	B332	V40X60	155.907	0.016	VNV4	0.011	VNV8
1ER (N+0.36)	B332	V40X60	202.000	0.016	VNV4	0.000	VNV16
1ER (N+0.36)	B332	V40X60	248.092	0.016	VNV4	0.000	VNV16
1ER (N+0.36)	B332	V40X60	294.184	0.016	VNV4	0.000	VNV16
1ER (N+0.36)	B332	V40X60	340.277	0.016	VNV4	0.000	VNV16
1ER (N+0.36)	B332	V40X60	386.369	0.016	VNV4	0.000	VNV16
1ER (N+0.36)	B332	V40X60	432.462	0.016	VNV4	0.000	VNV16
1ER (N+0.36)	B332	V40X60	478.554	0.016	VNV4	0.000	VNV16
1ER (N+0.36)	B332	V40X60	524.647	0.016	VNV4	0.000	VNV16



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 341 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B332	V40X60	570.739	0.016	VNV4	0.003	VNV8
1ER (N+0.36)	B332	V40X60	616.832	0.016	VNV4	0.023	VNV8
1ER (N+0.36)	B332	V40X60	662.924	0.016	VNV4	0.044	VNV8
1ER (N+0.36)	B332	V40X60	662.924	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B332	V40X60	687.028	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B332	V40X60	687.028	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B332	V40X60	734.607	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B332	V40X60	782.185	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B332	V40X60	829.764	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B332	V40X60	877.342	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B337	V60X60	30.000	0.000	VNV16	0.246	VNV8
1ER (N+0.36)	B337	V60X60	78.733	0.000	VNV16	0.218	VNV8
1ER (N+0.36)	B337	V60X60	127.466	0.000	VNV16	0.186	VNV8
1ER (N+0.36)	B337	V60X60	176.199	0.000	VNV16	0.153	VNV8
1ER (N+0.36)	B337	V60X60	224.932	0.000	VNV16	0.120	VNV8
1ER (N+0.36)	B337	V60X60	273.664	0.000	VNV16	0.088	VNV8
1ER (N+0.36)	B337	V60X60	322.397	0.000	VNV16	0.057	VNV8
1ER (N+0.36)	B337	V60X60	371.130	0.000	VNV16	0.026	VNV8
1ER (N+0.36)	B337	V60X60	419.863	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B337	V60X60	468.596	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B337	V60X60	517.329	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B337	V60X60	566.062	0.000	VNV16	0.019	VNV8
1ER (N+0.36)	B337	V60X60	614.795	0.000	VNV16	0.048	VNV8
1ER (N+0.36)	B337	V60X60	663.528	0.000	VNV16	0.075	VNV8
1ER (N+0.36)	B337	V60X60	712.260	0.000	VNV16	0.102	VNV8
1ER (N+0.36)	B337	V60X60	760.993	0.000	VNV16	0.129	VNV8
1ER (N+0.36)	B337	V60X60	809.726	0.000	VNV16	0.155	VNV8
1ER (N+0.36)	B337	V60X60	858.459	0.000	VNV16	0.180	VNV8
1ER (N+0.36)	B338	V60X60	25.000	0.000	VNV16	0.180	VNV8
1ER (N+0.36)	B338	V60X60	73.733	0.000	VNV16	0.155	VNV8
1ER (N+0.36)	B338	V60X60	122.466	0.000	VNV16	0.129	VNV8
1ER (N+0.36)	B338	V60X60	171.199	0.000	VNV16	0.102	VNV8
1ER (N+0.36)	B338	V60X60	219.932	0.000	VNV16	0.075	VNV8
1ER (N+0.36)	B338	V60X60	268.664	0.000	VNV16	0.048	VNV8
1ER (N+0.36)	B338	V60X60	317.397	0.000	VNV16	0.019	VNV8
1ER (N+0.36)	B338	V60X60	366.130	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B338	V60X60	414.863	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B338	V60X60	463.596	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B338	V60X60	512.329	0.000	VNV16	0.026	VNV8
1ER (N+0.36)	B338	V60X60	561.062	0.000	VNV16	0.057	VNV8
1ER (N+0.36)	B338	V60X60	609.795	0.000	VNV16	0.089	VNV8
1ER (N+0.36)	B338	V60X60	658.528	0.000	VNV16	0.120	VNV8
1ER (N+0.36)	B338	V60X60	707.261	0.000	VNV16	0.153	VNV8
1ER (N+0.36)	B338	V60X60	755.993	0.000	VNV16	0.186	VNV8
1ER (N+0.36)	B338	V60X60	804.726	0.000	VNV16	0.219	VNV8
1ER (N+0.36)	B338	V60X60	853.459	0.000	VNV16	0.246	VNV8
1ER (N+0.36)	B339	V20X60	0.000	0.000	VNV16	0.044	VNV16
1ER (N+0.36)	B339	V20X60	48.534	0.000	VNV16	0.038	VNV16
1ER (N+0.36)	B339	V20X60	97.068	0.000	VNV16	0.031	VNV16
1ER (N+0.36)	B339	V20X60	145.602	0.000	VNV16	0.024	VNV16
1ER (N+0.36)	B339	V20X60	194.137	0.000	VNV16	0.031	VNV16
1ER (N+0.36)	B339	V20X60	242.671	0.000	VNV16	0.038	VNV16
1ER (N+0.36)	B339	V20X60	291.205	0.000	VNV16	0.044	VNV16
1ER (N+0.36)	B340	V20X60	0.000	0.000	VNV16	0.044	VNV16
1ER (N+0.36)	B340	V20X60	48.534	0.000	VNV16	0.038	VNV16
1ER (N+0.36)	B340	V20X60	97.068	0.000	VNV16	0.031	VNV16
1ER (N+0.36)	B340	V20X60	145.603	0.000	VNV16	0.025	VNV16
1ER (N+0.36)	B340	V20X60	194.137	0.000	VNV16	0.032	VNV16
1ER (N+0.36)	B340	V20X60	242.671	0.000	VNV16	0.038	VNV16
1ER (N+0.36)	B340	V20X60	291.205	0.000	VNV16	0.045	VNV16
1ER (N+0.36)	B347	V20X60	0.000	0.000	VNV16	0.034	VNV8
1ER (N+0.36)	B347	V20X60	50.000	0.000	VNV16	0.033	VNV8
1ER (N+0.36)	B347	V20X60	100.000	0.000	VNV16	0.033	VNV8



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 342 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B349	V20X60	0.000	0.000	VNV16	0.041	VNV8
1ER (N+0.36)	B349	V20X60	50.000	0.000	VNV16	0.040	VNV8
1ER (N+0.36)	B349	V20X60	100.000	0.000	VNV16	0.040	VNV8
1ER (N+0.36)	B357	V60X60	0.000	0.000	VNV16	0.021	VNV16
1ER (N+0.36)	B357	V60X60	46.000	0.000	VNV16	0.018	VNV16
1ER (N+0.36)	B357	V60X60	92.000	0.000	VNV16	0.014	VNV16
1ER (N+0.36)	B357	V60X60	138.000	0.000	VNV16	0.016	VNV16
1ER (N+0.36)	B357	V60X60	184.000	0.000	VNV16	0.020	VNV16
1ER (N+0.36)	B357	V60X60	230.000	0.000	VNV16	0.024	VNV16
1ER (N+0.36)	B358	V60X60	0.000	0.000	VNV16	0.024	VNV16
1ER (N+0.36)	B358	V60X60	46.000	0.000	VNV16	0.019	VNV16
1ER (N+0.36)	B358	V60X60	92.000	0.000	VNV16	0.015	VNV16
1ER (N+0.36)	B358	V60X60	138.000	0.000	VNV16	0.014	VNV16
1ER (N+0.36)	B358	V60X60	184.000	0.000	VNV16	0.018	VNV16
1ER (N+0.36)	B358	V60X60	230.000	0.000	VNV16	0.021	VNV16
1ER (N+0.36)	B361	V30X60	0.000	0.010	VNV8	0.034	VNV8
1ER (N+0.36)	B361	V30X60	48.853	0.010	VNV8	0.030	VNV8
1ER (N+0.36)	B361	V30X60	97.706	0.010	VNV8	0.034	VNV8
1ER (N+0.36)	B361	V30X60	97.706	0.010	VNV8	0.033	VNV8
1ER (N+0.36)	B361	V30X60	125.320	0.010	VNV8	0.030	VNV8
1ER (N+0.36)	B361	V30X60	152.934	0.010	VNV8	0.034	VNV8
1ER (N+0.36)	B362	V30X60	0.000	0.018	VNV4	0.191	VNV8
1ER (N+0.36)	B362	V30X60	48.853	0.018	VNV4	0.184	VNV8
1ER (N+0.36)	B362	V30X60	97.706	0.018	VNV4	0.175	VNV8
1ER (N+0.36)	B362	V30X60	97.706	0.018	VNV4	0.175	VNV8
1ER (N+0.36)	B362	V30X60	125.320	0.018	VNV4	0.169	VNV8
1ER (N+0.36)	B362	V30X60	152.934	0.018	VNV4	0.163	VNV8
1ER (N+0.36)	B388	V60X60	0.000	0.033	VNV8	0.066	VNV16
1ER (N+0.36)	B388	V60X60	47.260	0.033	VNV8	0.063	VNV16
1ER (N+0.36)	B388	V60X60	94.519	0.033	VNV8	0.060	VNV16
1ER (N+0.36)	B388	V60X60	141.779	0.033	VNV8	0.056	VNV16
1ER (N+0.36)	B388	V60X60	189.038	0.033	VNV8	0.053	VNV16
1ER (N+0.36)	B388	V60X60	236.298	0.033	VNV8	0.050	VNV16
1ER (N+0.36)	B388	V60X60	283.558	0.033	VNV8	0.046	VNV16
1ER (N+0.36)	B388	V60X60	330.817	0.033	VNV8	0.043	VNV16
1ER (N+0.36)	B388	V60X60	378.077	0.033	VNV8	0.041	VNV16
1ER (N+0.36)	B388	V60X60	425.337	0.033	VNV8	0.044	VNV16
1ER (N+0.36)	B388	V60X60	472.596	0.033	VNV8	0.048	VNV16
1ER (N+0.36)	B388	V60X60	519.856	0.033	VNV8	0.052	VNV16
1ER (N+0.36)	B388	V60X60	567.115	0.033	VNV8	0.056	VNV16
1ER (N+0.36)	B388	V60X60	614.375	0.033	VNV8	0.060	VNV16
1ER (N+0.36)	B388	V60X60	661.635	0.033	VNV8	0.064	VNV16
1ER (N+0.36)	B389	V60X60	30.000	0.034	VNV8	0.066	VNV16
1ER (N+0.36)	B389	V60X60	77.260	0.034	VNV8	0.062	VNV16
1ER (N+0.36)	B389	V60X60	124.519	0.034	VNV8	0.058	VNV16
1ER (N+0.36)	B389	V60X60	171.779	0.034	VNV8	0.054	VNV16
1ER (N+0.36)	B389	V60X60	219.038	0.034	VNV8	0.050	VNV16
1ER (N+0.36)	B389	V60X60	266.298	0.034	VNV8	0.047	VNV16
1ER (N+0.36)	B389	V60X60	313.558	0.034	VNV8	0.043	VNV16
1ER (N+0.36)	B389	V60X60	360.817	0.034	VNV8	0.046	VNV16
1ER (N+0.36)	B389	V60X60	408.077	0.034	VNV8	0.050	VNV16
1ER (N+0.36)	B389	V60X60	455.337	0.034	VNV8	0.053	VNV16
1ER (N+0.36)	B389	V60X60	502.596	0.034	VNV8	0.056	VNV16
1ER (N+0.36)	B389	V60X60	549.856	0.034	VNV8	0.060	VNV16
1ER (N+0.36)	B389	V60X60	597.115	0.034	VNV8	0.063	VNV16
1ER (N+0.36)	B389	V60X60	644.375	0.034	VNV8	0.066	VNV16
1ER (N+0.36)	B389	V60X60	691.635	0.034	VNV8	0.069	VNV16
1ER (N+0.36)	B397	V60X60	30.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	79.486	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	128.972	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	178.458	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	227.944	0.000	VNV16	0.000	VNV16





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 343 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B397	V60X60	277.430	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	326.916	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	376.402	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	425.888	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	475.374	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	524.860	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	574.346	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	623.832	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	673.318	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	722.804	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	772.290	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	821.776	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	871.262	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B397	V60X60	920.748	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B406	V40X60	0.000	0.000	VNV16	0.102	VNV8
1ER (N+0.36)	B406	V40X60	49.003	0.000	VNV16	0.093	VNV8
1ER (N+0.36)	B406	V40X60	98.005	0.000	VNV16	0.081	VNV8
1ER (N+0.36)	B406	V40X60	147.008	0.000	VNV16	0.067	VNV8
1ER (N+0.36)	B406	V40X60	196.011	0.000	VNV16	0.050	VNV8
1ER (N+0.36)	B406	V40X60	245.014	0.000	VNV16	0.030	VNV8
1ER (N+0.36)	B406	V40X60	294.016	0.000	VNV16	0.010	VNV8
1ER (N+0.36)	B406	V40X60	343.019	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B406	V40X60	392.022	0.000	VNV16	7.690E-04	VNV8
1ER (N+0.36)	B406	V40X60	441.024	0.000	VNV16	0.020	VNV8
1ER (N+0.36)	B406	V40X60	490.027	0.000	VNV16	0.040	VNV8
1ER (N+0.36)	B406	V40X60	539.030	0.000	VNV16	0.059	VNV8
1ER (N+0.36)	B406	V40X60	588.032	0.000	VNV16	0.078	VNV8
1ER (N+0.36)	B406	V40X60	637.035	0.000	VNV16	0.096	VNV8
1ER (N+0.36)	B406	V40X60	686.038	0.000	VNV16	0.115	VNV8
1ER (N+0.36)	B410	V40X60	0.000	0.000	VNV16	0.104	VNV8
1ER (N+0.36)	B410	V40X60	49.003	0.000	VNV16	0.096	VNV8
1ER (N+0.36)	B410	V40X60	98.005	0.000	VNV16	0.084	VNV8
1ER (N+0.36)	B410	V40X60	147.008	0.000	VNV16	0.070	VNV8
1ER (N+0.36)	B410	V40X60	196.011	0.000	VNV16	0.053	VNV8
1ER (N+0.36)	B410	V40X60	245.014	0.000	VNV16	0.033	VNV8
1ER (N+0.36)	B410	V40X60	294.016	0.000	VNV16	0.013	VNV8
1ER (N+0.36)	B410	V40X60	343.019	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B410	V40X60	392.022	0.000	VNV16	0.002	VNV8
1ER (N+0.36)	B410	V40X60	441.024	0.000	VNV16	0.021	VNV8
1ER (N+0.36)	B410	V40X60	490.027	0.000	VNV16	0.041	VNV8
1ER (N+0.36)	B410	V40X60	539.030	0.000	VNV16	0.060	VNV8
1ER (N+0.36)	B410	V40X60	588.032	0.000	VNV16	0.079	VNV8
1ER (N+0.36)	B410	V40X60	637.035	0.000	VNV16	0.098	VNV8
1ER (N+0.36)	B410	V40X60	686.038	0.000	VNV16	0.116	VNV8
1ER (N+0.36)	B411	V30X60	0.000	0.011	VNV8	0.005	VNV8
1ER (N+0.36)	B411	V30X60	48.524	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	97.048	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	145.572	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	194.095	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	242.619	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	291.143	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	339.667	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	388.191	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	436.715	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	485.239	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	533.762	0.011	VNV8	0.000	VNV16
1ER (N+0.36)	B411	V30X60	582.286	0.011	VNV8	8.940E-04	VNV8
1ER (N+0.36)	B411	V30X60	630.810	0.011	VNV8	0.008	VNV8
1ER (N+0.36)	B412	V30X60	0.000	0.018	VNV4	0.025	VNV8
1ER (N+0.36)	B412	V30X60	48.524	0.018	VNV4	0.015	VNV8
1ER (N+0.36)	B412	V30X60	97.048	0.018	VNV4	0.005	VNV8
1ER (N+0.36)	B412	V30X60	145.572	0.018	VNV4	0.000	VNV16
1ER (N+0.36)	B412	V30X60	194.095	0.018	VNV4	0.000	VNV16
1ER (N+0.36)	B412	V30X60	242.619	0.018	VNV4	0.000	VNV16
1ER (N+0.36)	B412	V30X60	291.143	0.018	VNV4	0.000	VNV16


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 344 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B412	V30X60	339.667	0.018	VNV4	0.001	VNV8
1ER (N+0.36)	B412	V30X60	388.191	0.018	VNV4	0.012	VNV8
1ER (N+0.36)	B412	V30X60	436.715	0.018	VNV4	0.022	VNV8
1ER (N+0.36)	B412	V30X60	485.239	0.018	VNV4	0.032	VNV8
1ER (N+0.36)	B412	V30X60	533.762	0.018	VNV4	0.042	VNV8
1ER (N+0.36)	B412	V30X60	582.286	0.018	VNV4	0.053	VNV8
1ER (N+0.36)	B412	V30X60	630.810	0.018	VNV4	0.063	VNV8
1ER (N+0.36)	B417	V60X60	0.000	0.015	VNV12	0.167	VNV16
1ER (N+0.36)	B417	V60X60	48.521	0.015	VNV12	0.149	VNV16
1ER (N+0.36)	B417	V60X60	97.043	0.015	VNV12	0.132	VNV16
1ER (N+0.36)	B417	V60X60	145.564	0.015	VNV12	0.115	VNV16
1ER (N+0.36)	B417	V60X60	194.085	0.015	VNV12	0.122	VNV16
1ER (N+0.36)	B417	V60X60	242.607	0.015	VNV12	0.139	VNV16
1ER (N+0.36)	B417	V60X60	291.128	0.015	VNV12	0.156	VNV16
1ER (N+0.36)	B417	V60X60	339.649	0.015	VNV12	0.173	VNV16
1ER (N+0.36)	B417	V60X60	388.170	0.015	VNV12	0.190	VNV16
1ER (N+0.36)	B417	V60X60	436.692	0.015	VNV12	0.207	VNV16
1ER (N+0.36)	B418	V60X60	30.000	0.016	VNV4	0.207	VNV16
1ER (N+0.36)	B418	V60X60	78.521	0.016	VNV4	0.191	VNV16
1ER (N+0.36)	B418	V60X60	127.043	0.016	VNV4	0.174	VNV16
1ER (N+0.36)	B418	V60X60	175.564	0.016	VNV4	0.157	VNV16
1ER (N+0.36)	B418	V60X60	224.085	0.016	VNV4	0.140	VNV16
1ER (N+0.36)	B418	V60X60	272.606	0.016	VNV4	0.123	VNV16
1ER (N+0.36)	B418	V60X60	321.128	0.016	VNV4	0.116	VNV16
1ER (N+0.36)	B418	V60X60	369.649	0.016	VNV4	0.133	VNV16
1ER (N+0.36)	B418	V60X60	418.170	0.016	VNV4	0.150	VNV16
1ER (N+0.36)	B418	V60X60	466.692	0.016	VNV4	0.168	VNV16
1ER (N+0.36)	B434	V40X60	0.000	0.028	VNV8	0.011	VNV8
1ER (N+0.36)	B434	V40X60	38.769	0.028	VNV8	0.010	VNV8
1ER (N+0.36)	B434	V40X60	77.537	0.028	VNV8	0.008	VNV8
1ER (N+0.36)	B434	V40X60	116.306	0.028	VNV8	0.007	VNV16
1ER (N+0.36)	B436	V40X60	0.000	0.029	VNV8	0.008	VNV8
1ER (N+0.36)	B436	V40X60	38.424	0.029	VNV8	0.007	VNV8
1ER (N+0.36)	B436	V40X60	76.847	0.029	VNV8	0.005	VNV8
1ER (N+0.36)	B436	V40X60	115.271	0.029	VNV8	0.006	VNV8
1ER (N+0.36)	B436	V40X60	153.694	0.029	VNV8	0.008	VNV8
1ER (N+0.36)	B437	V40X60	0.000	0.000	VNV16	0.100	VNV8
1ER (N+0.36)	B437	V40X60	46.160	0.000	VNV16	0.098	VNV8
1ER (N+0.36)	B437	V40X60	92.319	0.000	VNV16	0.096	VNV8
1ER (N+0.36)	B437	V40X60	138.479	0.000	VNV16	0.094	VNV8
1ER (N+0.36)	B437	V40X60	184.639	0.000	VNV16	0.092	VNV8
1ER (N+0.36)	B437	V40X60	230.798	0.000	VNV16	0.091	VNV8
1ER (N+0.36)	B437	V40X60	276.958	0.000	VNV16	0.090	VNV16
1ER (N+0.36)	B437	V40X60	323.117	0.000	VNV16	0.091	VNV16
1ER (N+0.36)	B437	V40X60	369.277	0.000	VNV16	0.093	VNV8
1ER (N+0.36)	B437	V40X60	415.437	0.000	VNV16	0.095	VNV8
1ER (N+0.36)	B438	V40X60	0.000	0.000	VNV16	0.047	VNV8
1ER (N+0.36)	B438	V40X60	48.142	0.000	VNV16	0.045	VNV8
1ER (N+0.36)	B438	V40X60	96.284	0.000	VNV16	0.043	VNV8
1ER (N+0.36)	B438	V40X60	144.426	0.000	VNV16	0.041	VNV8
1ER (N+0.36)	B438	V40X60	192.568	0.000	VNV16	0.039	VNV16
1ER (N+0.36)	B438	V40X60	240.711	0.000	VNV16	0.039	VNV8
1ER (N+0.36)	B438	V40X60	288.853	0.000	VNV16	0.041	VNV8
1ER (N+0.36)	B438	V40X60	336.995	0.000	VNV16	0.043	VNV8
1ER (N+0.36)	B438	V40X60	385.137	0.000	VNV16	0.045	VNV8
1ER (N+0.36)	B438	V40X60	433.279	0.000	VNV16	0.047	VNV8
1ER (N+0.36)	B438	V40X60	481.421	0.000	VNV16	0.049	VNV8
1ER (N+0.36)	B438	V40X60	529.563	0.000	VNV16	0.051	VNV8
1ER (N+0.36)	B441	V40X60	30.000	0.000	VNV16	0.046	VNV8
1ER (N+0.36)	B441	V40X60	78.142	0.000	VNV16	0.044	VNV8
1ER (N+0.36)	B441	V40X60	126.284	0.000	VNV16	0.043	VNV8
1ER (N+0.36)	B441	V40X60	174.426	0.000	VNV16	0.041	VNV8




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 345 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B441	V40X60	222.568	0.000	VNV16	0.039	VNV8
1ER (N+0.36)	B441	V40X60	270.710	0.000	VNV16	0.037	VNV8
1ER (N+0.36)	B441	V40X60	318.853	0.000	VNV16	0.035	VNV16
1ER (N+0.36)	B441	V40X60	366.995	0.000	VNV16	0.037	VNV8
1ER (N+0.36)	B441	V40X60	415.137	0.000	VNV16	0.039	VNV8
1ER (N+0.36)	B441	V40X60	463.279	0.000	VNV16	0.041	VNV8
1ER (N+0.36)	B441	V40X60	511.421	0.000	VNV16	0.043	VNV8
1ER (N+0.36)	B441	V40X60	559.563	0.000	VNV16	0.044	VNV8
1ER (N+0.36)	B443	V40X60	0.000	0.000	VNV16	0.098	VNV16
1ER (N+0.36)	B443	V40X60	46.160	0.000	VNV16	0.097	VNV16
1ER (N+0.36)	B443	V40X60	92.319	0.000	VNV16	0.096	VNV8
1ER (N+0.36)	B443	V40X60	138.479	0.000	VNV16	0.098	VNV8
1ER (N+0.36)	B443	V40X60	184.639	0.000	VNV16	0.100	VNV8
1ER (N+0.36)	B443	V40X60	230.798	0.000	VNV16	0.102	VNV8
1ER (N+0.36)	B443	V40X60	276.958	0.000	VNV16	0.104	VNV8
1ER (N+0.36)	B443	V40X60	323.118	0.000	VNV16	0.105	VNV8
1ER (N+0.36)	B443	V40X60	369.277	0.000	VNV16	0.107	VNV8
1ER (N+0.36)	B443	V40X60	415.437	0.000	VNV16	0.109	VNV8
1ER (N+0.36)	B444	V40X60	0.000	0.038	VNV8	0.009	VNV8
1ER (N+0.36)	B444	V40X60	38.424	0.038	VNV8	0.007	VNV16
1ER (N+0.36)	B444	V40X60	76.848	0.038	VNV8	0.008	VNV8
1ER (N+0.36)	B444	V40X60	115.271	0.038	VNV8	0.009	VNV8
1ER (N+0.36)	B444	V40X60	153.695	0.038	VNV8	0.011	VNV8
1ER (N+0.36)	B446	V40X60	0.000	0.023	VNV8	0.013	VNV8
1ER (N+0.36)	B446	V40X60	38.768	0.023	VNV8	0.014	VNV8
1ER (N+0.36)	B446	V40X60	77.537	0.023	VNV8	0.016	VNV8
1ER (N+0.36)	B446	V40X60	116.305	0.023	VNV8	0.017	VNV8
1ER (N+0.36)	B449	V60X60	0.000	0.028	VNV4	0.037	VNV16
1ER (N+0.36)	B449	V60X60	38.827	0.028	VNV4	0.028	VNV16
1ER (N+0.36)	B449	V60X60	77.654	0.028	VNV4	0.019	VNV16
1ER (N+0.36)	B449	V60X60	116.481	0.028	VNV4	0.028	VNV16
1ER (N+0.36)	B449	V60X60	155.308	0.028	VNV4	0.037	VNV16
1ER (N+0.36)	B450	V60X60	0.000	0.027	VNV12	0.038	VNV16
1ER (N+0.36)	B450	V60X60	38.827	0.027	VNV12	0.030	VNV16
1ER (N+0.36)	B450	V60X60	77.654	0.027	VNV12	0.023	VNV16
1ER (N+0.36)	B450	V60X60	116.481	0.027	VNV12	0.032	VNV16
1ER (N+0.36)	B450	V60X60	155.308	0.027	VNV12	0.041	VNV16
1ER (N+0.36)	B452	V30X60	0.000	0.018	VNV4	0.006	VNV8
1ER (N+0.36)	B452	V30X60	46.875	0.018	VNV4	0.000	VNV16
1ER (N+0.36)	B452	V30X60	93.750	0.018	VNV4	0.000	VNV16
1ER (N+0.36)	B452	V30X60	140.625	0.018	VNV4	0.000	VNV16
1ER (N+0.36)	B452	V30X60	187.500	0.018	VNV4	0.000	VNV16
1ER (N+0.36)	B452	V30X60	234.375	0.018	VNV4	0.000	VNV16
1ER (N+0.36)	B452	V30X60	281.250	0.018	VNV4	0.000	VNV16
1ER (N+0.36)	B452	V30X60	328.125	0.018	VNV4	0.000	VNV16
1ER (N+0.36)	B452	V30X60	375.000	0.018	VNV4	0.001	VNV8
1ER (N+0.36)	B453	V40X60	0.000	0.000	VNV16	0.013	VNV8
1ER (N+0.36)	B453	V40X60	46.290	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B453	V40X60	92.579	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B453	V40X60	138.869	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B453	V40X60	185.158	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B453	V40X60	231.448	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B453	V40X60	231.448	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B453	V40X60	279.298	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B453	V40X60	327.149	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B453	V40X60	375.000	0.000	VNV16	0.012	VNV8
1ER (N+0.36)	B455	V40X60	30.000	0.011	VNV4	0.053	VNV8
1ER (N+0.36)	B455	V40X60	67.851	0.011	VNV4	0.033	VNV8
1ER (N+0.36)	B455	V40X60	105.702	0.011	VNV4	0.013	VNV8
1ER (N+0.36)	B455	V40X60	143.552	0.011	VNV4	0.000	VNV16
1ER (N+0.36)	B455	V40X60	143.552	0.011	VNV4	0.000	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 346 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B455	V40X60	183.842	0.011	VNV4	0.000	VNV16
1ER (N+0.36)	B455	V40X60	224.131	0.011	VNV4	0.000	VNV16
1ER (N+0.36)	B455	V40X60	264.421	0.011	VNV4	0.003	VNV8
1ER (N+0.36)	B455	V40X60	304.710	0.011	VNV4	0.023	VNV8
1ER (N+0.36)	B455	V40X60	345.000	0.011	VNV4	0.042	VNV8
1ER (N+0.36)	B456	V40X60	0.000	0.000	VNV16	0.092	VNV16
1ER (N+0.36)	B456	V40X60	46.875	0.000	VNV16	0.083	VNV16
1ER (N+0.36)	B456	V40X60	93.750	0.000	VNV16	0.074	VNV16
1ER (N+0.36)	B456	V40X60	140.625	0.000	VNV16	0.065	VNV16
1ER (N+0.36)	B456	V40X60	187.500	0.000	VNV16	0.059	VNV16
1ER (N+0.36)	B456	V40X60	234.375	0.000	VNV16	0.068	VNV16
1ER (N+0.36)	B456	V40X60	281.250	0.000	VNV16	0.076	VNV16
1ER (N+0.36)	B456	V40X60	328.125	0.000	VNV16	0.085	VNV16
1ER (N+0.36)	B456	V40X60	375.000	0.000	VNV16	0.093	VNV16
1ER (N+0.36)	B458	V20X60	0.000	0.000	VNV16	0.073	VNV16
1ER (N+0.36)	B458	V20X60	46.875	0.000	VNV16	0.066	VNV16
1ER (N+0.36)	B458	V20X60	93.750	0.000	VNV16	0.059	VNV16
1ER (N+0.36)	B458	V20X60	140.625	0.000	VNV16	0.052	VNV16
1ER (N+0.36)	B458	V20X60	187.500	0.000	VNV16	0.045	VNV16
1ER (N+0.36)	B458	V20X60	234.375	0.000	VNV16	0.042	VNV16
1ER (N+0.36)	B458	V20X60	281.250	0.000	VNV16	0.049	VNV16
1ER (N+0.36)	B458	V20X60	328.125	0.000	VNV16	0.056	VNV16
1ER (N+0.36)	B458	V20X60	375.000	0.000	VNV16	0.063	VNV16
1ER (N+0.36)	B459	V60X60	0.000	0.039	VNV4	0.029	VNV16
1ER (N+0.36)	B459	V60X60	40.000	0.039	VNV4	0.020	VNV16
1ER (N+0.36)	B459	V60X60	80.000	0.039	VNV4	0.027	VNV16
1ER (N+0.36)	B460	V60X60	0.000	0.042	VNV4	0.036	VNV8
1ER (N+0.36)	B460	V60X60	25.581	0.042	VNV4	0.028	VNV8
1ER (N+0.36)	B460	V60X60	51.161	0.042	VNV4	0.040	VNV8
1ER (N+0.36)	B460	V60X60	51.161	0.042	VNV4	0.032	VNV8
1ER (N+0.36)	B460	V60X60	80.000	0.042	VNV4	0.034	VNV8
1ER (N+0.36)	B469	V40X60	0.000	0.045	VNV8	0.054	VNV8
1ER (N+0.36)	B469	V40X60	48.333	0.045	VNV8	0.056	VNV8
1ER (N+0.36)	B469	V40X60	96.667	0.045	VNV8	0.058	VNV8
1ER (N+0.36)	B469	V40X60	145.000	0.045	VNV8	0.060	VNV8
1ER (N+0.36)	B469	V40X60	145.000	0.045	VNV8	0.049	VNV8
1ER (N+0.36)	B469	V40X60	165.000	0.045	VNV8	0.050	VNV8
1ER (N+0.36)	B470	V40X60	0.000	0.013	VNV8	0.008	VNV8
1ER (N+0.36)	B470	V40X60	37.500	0.013	VNV8	0.006	VNV8
1ER (N+0.36)	B470	V40X60	75.000	0.013	VNV8	0.009	VNV8
1ER (N+0.36)	B471	V40X60	0.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B471	V40X60	48.750	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B471	V40X60	97.500	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B471	V40X60	146.250	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B471	V40X60	195.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B473	V40X60	0.000	0.020	VNV8	0.106	VNV4
1ER (N+0.36)	B473	V40X60	46.623	0.020	VNV8	0.099	VNV4
1ER (N+0.36)	B473	V40X60	93.247	0.020	VNV8	0.092	VNV4
1ER (N+0.36)	B473	V40X60	139.870	0.020	VNV8	0.083	VNV4
1ER (N+0.36)	B473	V40X60	186.494	0.020	VNV8	0.074	VNV4
1ER (N+0.36)	B473	V40X60	233.117	0.020	VNV8	0.073	VNV4
1ER (N+0.36)	B473	V40X60	279.741	0.020	VNV8	0.085	VNV4
1ER (N+0.36)	B473	V40X60	326.364	0.020	VNV8	0.097	VNV4
1ER (N+0.36)	B473	V40X60	372.988	0.020	VNV8	0.110	VNV4
1ER (N+0.36)	B474	V40X60	0.000	0.000	VNV16	0.042	VNV8
1ER (N+0.36)	B474	V40X60	47.668	0.000	VNV16	0.030	VNV8
1ER (N+0.36)	B474	V40X60	95.335	0.000	VNV16	0.018	VNV8
1ER (N+0.36)	B474	V40X60	143.003	0.000	VNV16	0.005	VNV8
1ER (N+0.36)	B474	V40X60	190.671	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B474	V40X60	238.338	0.000	VNV16	0.000	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 347 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B474	V40X60	286.006	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B474	V40X60	333.674	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B474	V40X60	381.342	0.000	VNV16	0.007	VNV8
1ER (N+0.36)	B474	V40X60	429.009	0.000	VNV16	0.025	VNV8
1ER (N+0.36)	B474	V40X60	476.677	0.000	VNV16	0.044	VNV8
1ER (N+0.36)	B474	V40X60	524.345	0.000	VNV16	0.063	VNV8
1ER (N+0.36)	B474	V40X60	572.012	0.000	VNV16	0.083	VNV8
1ER (N+0.36)	B476	V60X60	30.000	0.011	VNV4	0.103	VNV8
1ER (N+0.36)	B476	V60X60	79.862	0.011	VNV4	0.080	VNV8
1ER (N+0.36)	B476	V60X60	129.724	0.011	VNV4	0.057	VNV8
1ER (N+0.36)	B476	V60X60	179.585	0.011	VNV4	0.034	VNV8
1ER (N+0.36)	B476	V60X60	229.447	0.011	VNV4	0.011	VNV8
1ER (N+0.36)	B476	V60X60	279.309	0.011	VNV4	0.000	VNV16
1ER (N+0.36)	B476	V60X60	329.171	0.011	VNV4	0.000	VNV16
1ER (N+0.36)	B476	V60X60	379.032	0.011	VNV4	0.000	VNV16
1ER (N+0.36)	B476	V60X60	428.894	0.011	VNV4	0.000	VNV16
1ER (N+0.36)	B476	V60X60	478.756	0.011	VNV4	0.006	VNV8
1ER (N+0.36)	B476	V60X60	528.618	0.011	VNV4	0.028	VNV8
1ER (N+0.36)	B476	V60X60	578.479	0.011	VNV4	0.051	VNV8
1ER (N+0.36)	B476	V60X60	628.341	0.011	VNV4	0.074	VNV8
1ER (N+0.36)	B476	V60X60	628.341	0.015	VNV4	0.120	VNV12
1ER (N+0.36)	B476	V60X60	677.864	0.015	VNV4	0.105	VNV12
1ER (N+0.36)	B476	V60X60	727.386	0.015	VNV4	0.091	VNV12
1ER (N+0.36)	B476	V60X60	776.909	0.015	VNV4	0.100	VNV12
1ER (N+0.36)	B476	V60X60	826.432	0.015	VNV4	0.115	VNV12
1ER (N+0.36)	B476	V60X60	875.955	0.015	VNV4	0.129	VNV12
1ER (N+0.36)	B476	V60X60	925.477	0.015	VNV4	0.144	VNV12
1ER (N+0.36)	B476	V60X60	975.000	0.015	VNV4	0.158	VNV12
1ER (N+0.36)	B478	V60X60	0.000	0.014	VNV8	0.050	VNV16
1ER (N+0.36)	B478	V60X60	48.750	0.014	VNV8	0.039	VNV16
1ER (N+0.36)	B478	V60X60	97.500	0.014	VNV8	0.030	VNV16
1ER (N+0.36)	B478	V60X60	146.250	0.014	VNV8	0.042	VNV16
1ER (N+0.36)	B478	V60X60	195.000	0.014	VNV8	0.053	VNV16
1ER (N+0.36)	B480	V60X60	0.000	0.034	VNV8	0.000	VNV16
1ER (N+0.36)	B480	V60X60	25.000	0.034	VNV8	0.000	VNV16
1ER (N+0.36)	B480	V60X60	25.000	0.063	VNV8	0.122	VNV4
1ER (N+0.36)	B480	V60X60	68.000	0.063	VNV8	0.097	VNV4
1ER (N+0.36)	B480	V60X60	111.000	0.063	VNV8	0.072	VNV4
1ER (N+0.36)	B480	V60X60	154.000	0.063	VNV8	0.048	VNV4
1ER (N+0.36)	B480	V60X60	197.000	0.063	VNV8	0.023	VNV4
1ER (N+0.36)	B480	V60X60	240.000	0.063	VNV8	0.000	VNV16
1ER (N+0.36)	B492	V60X60	0.000	0.000	VNV16	0.069	VNV16
1ER (N+0.36)	B492	V60X60	48.562	0.000	VNV16	0.066	VNV16
1ER (N+0.36)	B492	V60X60	97.124	0.000	VNV16	0.062	VNV16
1ER (N+0.36)	B492	V60X60	145.687	0.000	VNV16	0.059	VNV16
1ER (N+0.36)	B492	V60X60	194.249	0.000	VNV16	0.055	VNV16
1ER (N+0.36)	B492	V60X60	242.811	0.000	VNV16	0.051	VNV16
1ER (N+0.36)	B492	V60X60	291.373	0.000	VNV16	0.047	VNV16
1ER (N+0.36)	B492	V60X60	339.936	0.000	VNV16	0.043	VNV16
1ER (N+0.36)	B492	V60X60	388.498	0.000	VNV16	0.040	VNV16
1ER (N+0.36)	B492	V60X60	437.060	0.000	VNV16	0.045	VNV16
1ER (N+0.36)	B492	V60X60	485.622	0.000	VNV16	0.050	VNV16
1ER (N+0.36)	B492	V60X60	534.185	0.000	VNV16	0.055	VNV16
1ER (N+0.36)	B492	V60X60	582.747	0.000	VNV16	0.061	VNV16
1ER (N+0.36)	B492	V60X60	631.309	0.000	VNV16	0.066	VNV16
1ER (N+0.36)	B492	V60X60	679.871	0.000	VNV16	0.072	VNV16
1ER (N+0.36)	B492	V60X60	679.871	0.000	VNV16	0.072	VNV16
1ER (N+0.36)	B492	V60X60	719.711	0.000	VNV16	0.077	VNV16
1ER (N+0.36)	B493	V60X60	0.000	0.020	VNV4	0.062	VNV8
1ER (N+0.36)	B493	V60X60	45.934	0.020	VNV4	0.064	VNV8
1ER (N+0.36)	B493	V60X60	91.869	0.020	VNV4	0.067	VNV8
1ER (N+0.36)	B493	V60X60	137.803	0.020	VNV4	0.070	VNV8
1ER (N+0.36)	B493	V60X60	183.737	0.020	VNV4	0.073	VNV8
1ER (N+0.36)	B493	V60X60	229.672	0.020	VNV4	0.076	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 348 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER (N+0.36)	B493	V60X60	275.606	0.020	VNV4	0.078	VNV8
1ER (N+0.36)	B493	V60X60	321.540	0.020	VNV4	0.081	VNV8
1ER (N+0.36)	B493	V60X60	367.475	0.020	VNV4	0.084	VNV8
1ER (N+0.36)	B493	V60X60	413.409	0.020	VNV4	0.087	VNV8
1ER (N+0.36)	B493	V60X60	459.343	0.020	VNV4	0.089	VNV8

1ER (N+0.36)	B494	V40X60	0.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	41.798	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	83.596	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	125.395	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	125.395	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	173.957	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	222.519	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	271.081	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	319.643	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	368.206	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	416.768	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	465.330	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	513.892	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	562.455	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	611.017	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	659.579	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	708.141	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	756.704	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B494	V40X60	805.266	0.000	VNV16	0.000	VNV16

1ER (N+0.36)	B499	V60X60	50.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	98.842	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	147.684	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	196.526	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	245.368	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	294.210	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	343.053	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	391.895	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	440.737	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	489.579	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	538.421	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	587.263	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	636.105	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	684.947	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	733.789	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	782.631	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	831.474	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	880.316	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	929.158	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B499	V60X60	978.000	0.000	VNV16	0.000	VNV16


1ER (N+0.36)	B501	V40X60	0.000	0.000	VNV16	0.032	VNV16
1ER (N+0.36)	B501	V40X60	48.000	0.000	VNV16	0.031	VNV16
1ER (N+0.36)	B501	V40X60	96.000	0.000	VNV16	0.030	VNV16
1ER (N+0.36)	B501	V40X60	144.000	0.000	VNV16	0.028	VNV16
1ER (N+0.36)	B501	V40X60	192.000	0.000	VNV16	0.027	VNV16
1ER (N+0.36)	B501	V40X60	240.000	0.000	VNV16	0.025	VNV16
1ER (N+0.36)	B501	V40X60	288.000	0.000	VNV16	0.024	VNV16
1ER (N+0.36)	B501	V40X60	336.000	0.000	VNV16	0.022	VNV16
1ER (N+0.36)	B501	V40X60	384.000	0.000	VNV16	0.021	VNV16
1ER (N+0.36)	B501	V40X60	432.000	0.000	VNV16	0.019	VNV16
1ER (N+0.36)	B501	V40X60	480.000	0.000	VNV16	0.018	VNV16
1ER (N+0.36)	B501	V40X60	528.000	0.000	VNV16	0.019	VNV16
1ER (N+0.36)	B501	V40X60	576.000	0.000	VNV16	0.020	VNV16
1ER (N+0.36)	B501	V40X60	624.000	0.000	VNV16	0.021	VNV16
1ER (N+0.36)	B501	V40X60	672.000	0.000	VNV16	0.023	VNV16
1ER (N+0.36)	B501	V40X60	720.000	0.000	VNV16	0.024	VNV16
1ER (N+0.36)	B501	V40X60	768.000	0.000	VNV16	0.026	VNV16
1ER (N+0.36)	B501	V40X60	816.000	0.000	VNV16	0.027	VNV16
1ER (N+0.36)	B501	V40X60	864.000	0.000	VNV16	0.029	VNV16
1ER (N+0.36)	B501	V40X60	912.000	0.000	VNV16	0.030	VNV16
1ER (N+0.36)	B501	V40X60	960.000	0.000	VNV16	0.032	VNV16
1ER (N+0.36)	B501	V40X60	1008.000	0.000	VNV16	0.033	VNV16




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 349 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B502	V60X60	0.000	0.000	VNV16	0.049	VNV16
1ER (N+0.36)	B502	V60X60	48.000	0.000	VNV16	0.047	VNV16
1ER (N+0.36)	B502	V60X60	96.000	0.000	VNV16	0.045	VNV16
1ER (N+0.36)	B502	V60X60	144.000	0.000	VNV16	0.043	VNV16
1ER (N+0.36)	B502	V60X60	192.000	0.000	VNV16	0.040	VNV16
1ER (N+0.36)	B502	V60X60	240.000	0.000	VNV16	0.038	VNV16
1ER (N+0.36)	B502	V60X60	288.000	0.000	VNV16	0.036	VNV16
1ER (N+0.36)	B502	V60X60	336.000	0.000	VNV16	0.034	VNV16
1ER (N+0.36)	B502	V60X60	384.000	0.000	VNV16	0.032	VNV16
1ER (N+0.36)	B502	V60X60	432.000	0.000	VNV16	0.030	VNV16
1ER (N+0.36)	B502	V60X60	480.000	0.000	VNV16	0.028	VNV16
1ER (N+0.36)	B502	V60X60	528.000	0.000	VNV16	0.028	VNV16
1ER (N+0.36)	B502	V60X60	576.000	0.000	VNV16	0.030	VNV16
1ER (N+0.36)	B502	V60X60	624.000	0.000	VNV16	0.032	VNV16
1ER (N+0.36)	B502	V60X60	672.000	0.000	VNV16	0.035	VNV16
1ER (N+0.36)	B502	V60X60	720.000	0.000	VNV16	0.037	VNV16
1ER (N+0.36)	B502	V60X60	768.000	0.000	VNV16	0.039	VNV16
1ER (N+0.36)	B502	V60X60	816.000	0.000	VNV16	0.041	VNV16
1ER (N+0.36)	B502	V60X60	864.000	0.000	VNV16	0.043	VNV16
1ER (N+0.36)	B502	V60X60	912.000	0.000	VNV16	0.045	VNV16
1ER (N+0.36)	B502	V60X60	960.000	0.000	VNV16	0.048	VNV16
1ER (N+0.36)	B502	V60X60	1008.000	0.000	VNV16	0.050	VNV16
1ER (N+0.36)	B504	V20X60	0.000	0.000	VNV16	0.019	VNV8
1ER (N+0.36)	B504	V20X60	48.000	0.000	VNV16	0.015	VNV8
1ER (N+0.36)	B504	V20X60	96.000	0.000	VNV16	0.011	VNV8
1ER (N+0.36)	B504	V20X60	144.000	0.000	VNV16	0.006	VNV8
1ER (N+0.36)	B504	V20X60	192.000	0.000	VNV16	0.002	VNV8
1ER (N+0.36)	B504	V20X60	240.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	288.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	336.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	384.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	432.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	480.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	528.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	576.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	624.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	672.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	720.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	768.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B504	V20X60	816.000	0.000	VNV16	0.002	VNV8
1ER (N+0.36)	B504	V20X60	864.000	0.000	VNV16	0.006	VNV8
1ER (N+0.36)	B504	V20X60	912.000	0.000	VNV16	0.010	VNV8
1ER (N+0.36)	B504	V20X60	960.000	0.000	VNV16	0.014	VNV8
1ER (N+0.36)	B504	V20X60	1008.000	0.000	VNV16	0.019	VNV8
1ER (N+0.36)	B505	V60X60	0.000	0.024	VNV4	0.207	VNV8
1ER (N+0.36)	B505	V60X60	25.532	0.024	VNV4	0.209	VNV8
1ER (N+0.36)	B505	V60X60	51.064	0.024	VNV4	0.211	VNV8
1ER (N+0.36)	B508	V60X60	30.000	0.000	VNV16	0.043	VNV8
1ER (N+0.36)	B508	V60X60	77.641	0.000	VNV16	0.031	VNV8
1ER (N+0.36)	B508	V60X60	125.283	0.000	VNV16	0.019	VNV8
1ER (N+0.36)	B508	V60X60	172.924	0.000	VNV16	0.006	VNV8
1ER (N+0.36)	B508	V60X60	220.566	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B508	V60X60	268.207	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B508	V60X60	315.849	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B508	V60X60	363.490	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B508	V60X60	411.131	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B508	V60X60	458.773	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B508	V60X60	506.414	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B508	V60X60	554.056	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B508	V60X60	601.697	0.000	VNV16	0.010	VNV8
1ER (N+0.36)	B508	V60X60	649.339	0.000	VNV16	0.027	VNV8
1ER (N+0.36)	B508	V60X60	696.980	0.000	VNV16	0.044	VNV8
1ER (N+0.36)	B508	V60X60	744.622	0.000	VNV16	0.061	VNV8
1ER (N+0.36)	B509	V40X60	0.000	0.000	VNV16	0.000	VNV16



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 350 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B509	V40X60	46.702	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	93.404	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	140.106	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	186.808	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	233.510	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	280.212	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	326.914	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	373.616	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	420.318	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	467.020	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	513.722	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	560.424	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	607.126	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	653.828	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B509	V40X60	700.530	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B512	V60X60	50.000	0.000	VNV16	0.223	VNV8
1ER (N+0.36)	B512	V60X60	98.684	0.000	VNV16	0.197	VNV8
1ER (N+0.36)	B512	V60X60	147.368	0.000	VNV16	0.171	VNV8
1ER (N+0.36)	B512	V60X60	196.053	0.000	VNV16	0.145	VNV8
1ER (N+0.36)	B512	V60X60	244.737	0.000	VNV16	0.118	VNV8
1ER (N+0.36)	B512	V60X60	293.421	0.000	VNV16	0.092	VNV8
1ER (N+0.36)	B512	V60X60	342.105	0.000	VNV16	0.066	VNV8
1ER (N+0.36)	B512	V60X60	390.789	0.000	VNV16	0.040	VNV8
1ER (N+0.36)	B512	V60X60	439.474	0.000	VNV16	0.013	VNV8
1ER (N+0.36)	B512	V60X60	488.158	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B512	V60X60	536.842	0.000	VNV16	0.019	VNV8
1ER (N+0.36)	B512	V60X60	585.526	0.000	VNV16	0.045	VNV8
1ER (N+0.36)	B512	V60X60	634.211	0.000	VNV16	0.071	VNV8
1ER (N+0.36)	B512	V60X60	682.895	0.000	VNV16	0.097	VNV8
1ER (N+0.36)	B512	V60X60	731.579	0.000	VNV16	0.124	VNV8
1ER (N+0.36)	B512	V60X60	780.263	0.000	VNV16	0.150	VNV8
1ER (N+0.36)	B512	V60X60	828.947	0.000	VNV16	0.176	VNV8
1ER (N+0.36)	B512	V60X60	877.632	0.000	VNV16	0.203	VNV8
1ER (N+0.36)	B512	V60X60	926.316	0.000	VNV16	0.229	VNV8
1ER (N+0.36)	B512	V60X60	975.000	0.000	VNV16	0.255	VNV8
1ER (N+0.36)	B514	V60X60	0.000	0.014	VNV4	0.064	VNV16
1ER (N+0.36)	B514	V60X60	48.750	0.014	VNV4	0.051	VNV16
1ER (N+0.36)	B514	V60X60	97.500	0.014	VNV4	0.037	VNV16
1ER (N+0.36)	B514	V60X60	146.250	0.014	VNV4	0.048	VNV16
1ER (N+0.36)	B514	V60X60	195.000	0.014	VNV4	0.061	VNV16
1ER (N+0.36)	B515	V60X60	0.000	0.036	VNV8	0.000	VNV16
1ER (N+0.36)	B515	V60X60	25.000	0.036	VNV8	0.000	VNV16
1ER (N+0.36)	B515	V60X60	25.000	0.062	VNV8	0.121	VNV8
1ER (N+0.36)	B515	V60X60	68.000	0.062	VNV8	0.092	VNV8
1ER (N+0.36)	B515	V60X60	111.000	0.062	VNV8	0.063	VNV8
1ER (N+0.36)	B515	V60X60	154.000	0.062	VNV8	0.034	VNV8
1ER (N+0.36)	B515	V60X60	197.000	0.062	VNV8	0.005	VNV8
1ER (N+0.36)	B515	V60X60	240.000	0.062	VNV8	0.000	VNV16
1ER (N+0.36)	B519	V60X60	0.000	0.015	VNV4	0.117	VNV8
1ER (N+0.36)	B519	V60X60	50.000	0.015	VNV4	0.114	VNV8
1ER (N+0.36)	B519	V60X60	100.000	0.015	VNV4	0.111	VNV8
1ER (N+0.36)	B519	V60X60	150.000	0.015	VNV4	0.108	VNV8
1ER (N+0.36)	B519	V60X60	200.000	0.015	VNV4	0.105	VNV8
1ER (N+0.36)	B520	V20X60	0.000	0.032	VNV8	0.045	VNV8
1ER (N+0.36)	B520	V20X60	50.000	0.032	VNV8	0.041	VNV8
1ER (N+0.36)	B520	V20X60	100.000	0.032	VNV8	0.036	VNV8
1ER (N+0.36)	B520	V20X60	150.000	0.032	VNV8	0.032	VNV8
1ER (N+0.36)	B520	V20X60	200.000	0.032	VNV8	0.027	VNV8
1ER (N+0.36)	B521	V20X60	0.000	0.000	VNV16	0.024	VNV4
1ER (N+0.36)	B521	V20X60	48.750	0.000	VNV16	0.018	VNV4
1ER (N+0.36)	B521	V20X60	97.500	0.000	VNV16	0.012	VNV4
1ER (N+0.36)	B521	V20X60	146.250	0.000	VNV16	0.006	VNV4
1ER (N+0.36)	B521	V20X60	195.000	0.000	VNV16	0.000	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 351 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER (N+0.36)	B521	V20X60	243.750	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	292.500	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	341.250	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	390.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	438.750	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	487.500	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	536.250	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	585.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	633.750	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	682.500	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	731.250	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	780.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	828.750	0.000	VNV16	0.006	VNV4
1ER (N+0.36)	B521	V20X60	877.500	0.000	VNV16	0.012	VNV4
1ER (N+0.36)	B521	V20X60	926.250	0.000	VNV16	0.018	VNV4
1ER (N+0.36)	B521	V20X60	975.000	0.000	VNV16	0.024	VNV4
1ER (N+0.36)	B521	V20X60	975.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	1023.750	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	1072.500	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	1121.250	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B521	V20X60	1170.000	0.000	VNV16	0.000	VNV16
1ER (N+0.36)	B524	V20X60	0.000	0.000	VNV16	0.048	VNV8
1ER (N+0.36)	B524	V20X60	48.000	0.000	VNV16	0.044	VNV8
1ER (N+0.36)	B524	V20X60	96.000	0.000	VNV16	0.039	VNV8
1ER (N+0.36)	B524	V20X60	144.000	0.000	VNV16	0.034	VNV8
1ER (N+0.36)	B524	V20X60	192.000	0.000	VNV16	0.029	VNV8
1ER (N+0.36)	B524	V20X60	240.000	0.000	VNV16	0.029	VNV8
1ER (N+0.36)	B630	V30X60	0.000	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	46.667	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	93.333	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	140.000	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	186.667	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	233.333	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	280.000	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	280.000	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	323.333	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	366.667	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	410.000	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	453.333	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	496.667	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B630	V30X60	540.000	0.017	VNV8	0.000	VNV16
1ER (N+0.36)	B631	V30X60	0.000	0.019	VNV4	0.000	VNV16
1ER (N+0.36)	B631	V30X60	44.000	0.019	VNV4	0.000	VNV16
1ER (N+0.36)	B631	V30X60	88.000	0.019	VNV4	0.000	VNV16
1ER (N+0.36)	B631	V30X60	132.000	0.019	VNV4	0.000	VNV16
1ER (N+0.36)	B631	V30X60	176.000	0.019	VNV4	0.000	VNV16
1ER (N+0.36)	B631	V30X60	220.000	0.019	VNV4	0.000	VNV16
1ER (N-0.49)	B1	V40X60	0.000	0.015	VNV8	0.030	VNV8
1ER (N-0.49)	B1	V40X60	45.000	0.015	VNV8	0.025	VNV8
1ER (N-0.49)	B1	V40X60	90.000	0.015	VNV8	0.021	VNV8
1ER (N-0.49)	B1	V40X60	135.000	0.015	VNV8	0.026	VNV8
1ER (N-0.49)	B1	V40X60	180.000	0.015	VNV8	0.031	VNV8
1ER (N-0.49)	B2	V40X60	0.000	0.000	VNV16	0.069	VNV8
1ER (N-0.49)	B2	V40X60	47.143	0.000	VNV16	0.064	VNV8
1ER (N-0.49)	B2	V40X60	94.286	0.000	VNV16	0.059	VNV8
1ER (N-0.49)	B2	V40X60	141.429	0.000	VNV16	0.054	VNV8
1ER (N-0.49)	B2	V40X60	188.571	0.000	VNV16	0.049	VNV16
1ER (N-0.49)	B2	V40X60	235.714	0.000	VNV16	0.054	VNV8
1ER (N-0.49)	B2	V40X60	282.857	0.000	VNV16	0.059	VNV8
1ER (N-0.49)	B2	V40X60	330.000	0.000	VNV16	0.064	VNV8
1ER (N-0.49)	B3	V40X60	30.000	0.000	VNV16	0.024	VNV8
1ER (N-0.49)	B3	V40X60	77.500	0.000	VNV16	0.013	VNV8
1ER (N-0.49)	B3	V40X60	125.000	0.000	VNV16	0.001	VNV8



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 352 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B3	V40X60	172.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B3	V40X60	220.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B3	V40X60	267.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B3	V40X60	315.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B3	V40X60	362.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B3	V40X60	410.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B3	V40X60	457.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B3	V40X60	505.000	0.000	VNV16	0.002	VNV8
1ER(N-0.49)	B3	V40X60	552.500	0.000	VNV16	0.013	VNV8
1ER(N-0.49)	B3	V40X60	600.000	0.000	VNV16	0.024	VNV8
1ER(N-0.49)	B4	V40X60	30.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	77.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	125.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	172.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	220.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	267.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	315.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	362.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	410.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	457.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	505.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	552.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B4	V40X60	600.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B5	V40X60	30.000	0.000	VNV16	0.045	VNV16
1ER(N-0.49)	B5	V40X60	78.000	0.000	VNV16	0.038	VNV16
1ER(N-0.49)	B5	V40X60	126.000	0.000	VNV16	0.031	VNV16
1ER(N-0.49)	B5	V40X60	174.000	0.000	VNV16	0.036	VNV16
1ER(N-0.49)	B5	V40X60	222.000	0.000	VNV16	0.043	VNV16
1ER(N-0.49)	B5	V40X60	270.000	0.000	VNV16	0.050	VNV16
1ER(N-0.49)	B5	V40X60	270.000	0.000	VNV16	0.034	VNV16
1ER(N-0.49)	B5	V40X60	315.000	0.000	VNV16	0.031	VNV16
1ER(N-0.49)	B5	V40X60	360.000	0.000	VNV16	0.034	VNV16
1ER(N-0.49)	B6	V40X60	0.000	0.016	VNV8	0.035	VNV8
1ER(N-0.49)	B6	V40X60	45.000	0.016	VNV8	0.030	VNV8
1ER(N-0.49)	B6	V40X60	90.000	0.016	VNV8	0.025	VNV8
1ER(N-0.49)	B6	V40X60	135.000	0.016	VNV8	0.029	VNV8
1ER(N-0.49)	B6	V40X60	180.000	0.016	VNV8	0.034	VNV8
1ER(N-0.49)	B7	V30X60	0.000	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B7	V30X60	45.714	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B7	V30X60	91.429	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B7	V30X60	137.143	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B7	V30X60	182.857	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B7	V30X60	228.571	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B7	V30X60	274.286	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B7	V30X60	320.000	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B12	V50X60	0.000	0.000	VNV16	0.044	VNV8
1ER(N-0.49)	B12	V50X60	47.273	0.000	VNV16	0.028	VNV8
1ER(N-0.49)	B12	V50X60	94.545	0.000	VNV16	0.013	VNV8
1ER(N-0.49)	B12	V50X60	141.818	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B12	V50X60	189.091	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B12	V50X60	236.364	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B12	V50X60	283.636	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B12	V50X60	330.909	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B12	V50X60	378.182	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B12	V50X60	425.455	0.000	VNV16	0.001	VNV8
1ER(N-0.49)	B12	V50X60	472.727	0.000	VNV16	0.017	VNV8
1ER(N-0.49)	B12	V50X60	520.000	0.000	VNV16	0.033	VNV8
1ER(N-0.49)	B14	V50X60	30.000	0.015	VNV4	0.066	VNV8
1ER(N-0.49)	B14	V50X60	76.667	0.015	VNV4	0.053	VNV8
1ER(N-0.49)	B14	V50X60	123.333	0.015	VNV4	0.041	VNV8
1ER(N-0.49)	B14	V50X60	170.000	0.015	VNV4	0.029	VNV8
1ER(N-0.49)	B14	V50X60	216.667	0.015	VNV4	0.016	VNV8
1ER(N-0.49)	B14	V50X60	263.333	0.015	VNV4	0.004	VNV8



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 353 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B14	V50X60	310.000	0.015	VNV4	0.000	VNV16
1ER(N-0.49)	B14	V50X60	310.000	0.015	VNV4	0.000	VNV16
1ER(N-0.49)	B14	V50X60	354.500	0.015	VNV4	6.418E-04	VNV8
1ER(N-0.49)	B14	V50X60	399.000	0.015	VNV4	0.024	VNV8
1ER(N-0.49)	B14	V50X60	443.500	0.015	VNV4	0.046	VNV8
1ER(N-0.49)	B14	V50X60	488.000	0.015	VNV4	0.069	VNV8
1ER(N-0.49)	B14	V50X60	532.500	0.015	VNV4	0.092	VNV8
1ER(N-0.49)	B16	V40X60	30.000	0.000	VNV16	0.071	VNV8
1ER(N-0.49)	B16	V40X60	76.667	0.000	VNV16	0.054	VNV8
1ER(N-0.49)	B16	V40X60	123.333	0.000	VNV16	0.037	VNV8
1ER(N-0.49)	B16	V40X60	170.000	0.000	VNV16	0.020	VNV8
1ER(N-0.49)	B16	V40X60	216.667	0.000	VNV16	0.003	VNV8
1ER(N-0.49)	B16	V40X60	263.333	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B16	V40X60	310.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B16	V40X60	310.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B16	V40X60	358.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B16	V40X60	406.000	0.000	VNV16	0.011	VNV8
1ER(N-0.49)	B16	V40X60	454.000	0.000	VNV16	0.043	VNV8
1ER(N-0.49)	B16	V40X60	502.000	0.000	VNV16	0.076	VNV8
1ER(N-0.49)	B16	V40X60	550.000	0.000	VNV16	0.108	VNV8
1ER(N-0.49)	B17	V50X60	30.000	0.012	VNV4	0.082	VNV8
1ER(N-0.49)	B17	V50X60	78.333	0.012	VNV4	0.067	VNV8
1ER(N-0.49)	B17	V50X60	126.667	0.012	VNV4	0.053	VNV8
1ER(N-0.49)	B17	V50X60	175.000	0.012	VNV4	0.038	VNV8
1ER(N-0.49)	B17	V50X60	223.333	0.012	VNV4	0.024	VNV8
1ER(N-0.49)	B17	V50X60	271.667	0.012	VNV4	0.009	VNV8
1ER(N-0.49)	B17	V50X60	320.000	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B17	V50X60	320.000	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B17	V50X60	362.500	0.012	VNV4	0.000	VNV16
1ER(N-0.49)	B17	V50X60	405.000	0.012	VNV4	0.016	VNV8
1ER(N-0.49)	B17	V50X60	447.500	0.012	VNV4	0.038	VNV8
1ER(N-0.49)	B17	V50X60	490.000	0.012	VNV4	0.060	VNV8
1ER(N-0.49)	B17	V50X60	532.500	0.012	VNV4	0.082	VNV8
1ER(N-0.49)	B19	V50X60	30.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	80.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	130.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	180.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	230.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	230.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	275.714	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	321.429	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	367.143	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	412.857	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	458.571	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	504.286	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B19	V50X60	550.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B21	V30X60	0.000	0.029	VNV8	0.005	VNV8
1ER(N-0.49)	B21	V30X60	48.462	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	96.923	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	145.385	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	193.846	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	242.308	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	290.769	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	339.231	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	387.692	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	436.154	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	484.615	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	533.077	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	581.538	0.029	VNV8	0.000	VNV16
1ER(N-0.49)	B21	V30X60	630.000	0.029	VNV8	0.005	VNV8
1ER(N-0.49)	B22	V30X60	0.000	0.000	VNV16	3.939E-04	VNV4
1ER(N-0.49)	B22	V30X60	45.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	90.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	135.000	0.000	VNV16	0.000	VNV16



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 354 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B22	V30X60	180.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	225.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	270.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	270.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	315.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	360.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	405.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	450.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	495.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B22	V30X60	540.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B32	V50X60	30.000	0.000	VNV16	0.070	VNV8
1ER(N-0.49)	B32	V50X60	76.000	0.000	VNV16	0.067	VNV8
1ER(N-0.49)	B32	V50X60	122.000	0.000	VNV16	0.065	VNV8
1ER(N-0.49)	B32	V50X60	168.000	0.000	VNV16	0.063	VNV8
1ER(N-0.49)	B32	V50X60	214.000	0.000	VNV16	0.060	VNV8
1ER(N-0.49)	B32	V50X60	260.000	0.000	VNV16	0.058	VNV8
1ER(N-0.49)	B32	V50X60	306.000	0.000	VNV16	0.056	VNV8
1ER(N-0.49)	B32	V50X60	352.000	0.000	VNV16	0.056	VNV16
1ER(N-0.49)	B32	V50X60	398.000	0.000	VNV16	0.058	VNV8
1ER(N-0.49)	B32	V50X60	444.000	0.000	VNV16	0.060	VNV8
1ER(N-0.49)	B32	V50X60	490.000	0.000	VNV16	0.062	VNV8
1ER(N-0.49)	B34	V50X60	50.000	0.000	VNV16	0.072	VNV4
1ER(N-0.49)	B34	V50X60	90.000	0.000	VNV16	0.069	VNV4
1ER(N-0.49)	B34	V50X60	130.000	0.000	VNV16	0.067	VNV8
1ER(N-0.49)	B34	V50X60	130.000	0.000	VNV16	0.065	VNV8
1ER(N-0.49)	B34	V50X60	180.000	0.000	VNV16	0.061	VNV8
1ER(N-0.49)	B34	V50X60	230.000	0.000	VNV16	0.057	VNV8
1ER(N-0.49)	B34	V50X60	280.000	0.000	VNV16	0.054	VNV8
1ER(N-0.49)	B34	V50X60	330.000	0.000	VNV16	0.050	VNV8
1ER(N-0.49)	B34	V50X60	380.000	0.000	VNV16	0.046	VNV8
1ER(N-0.49)	B34	V50X60	430.000	0.000	VNV16	0.042	VNV8
1ER(N-0.49)	B34	V50X60	480.000	0.000	VNV16	0.038	VNV8
1ER(N-0.49)	B34	V50X60	530.000	0.000	VNV16	0.034	VNV8
1ER(N-0.49)	B34	V50X60	580.000	0.000	VNV16	0.030	VNV8
1ER(N-0.49)	B34	V50X60	630.000	0.000	VNV16	0.026	VNV8
1ER(N-0.49)	B34	V50X60	630.000	0.000	VNV16	0.026	VNV8
1ER(N-0.49)	B34	V50X60	680.000	0.000	VNV16	0.030	VNV8
1ER(N-0.49)	B34	V50X60	730.000	0.000	VNV16	0.034	VNV8
1ER(N-0.49)	B34	V50X60	780.000	0.000	VNV16	0.038	VNV8
1ER(N-0.49)	B34	V50X60	830.000	0.000	VNV16	0.041	VNV8
1ER(N-0.49)	B34	V50X60	880.000	0.000	VNV16	0.045	VNV8
1ER(N-0.49)	B34	V50X60	930.000	0.000	VNV16	0.049	VNV8
1ER(N-0.49)	B34	V50X60	980.000	0.000	VNV16	0.053	VNV8
1ER(N-0.49)	B34	V50X60	1030.000	0.000	VNV16	0.057	VNV8
1ER(N-0.49)	B34	V50X60	1080.000	0.000	VNV16	0.061	VNV8
1ER(N-0.49)	B34	V50X60	1130.000	0.000	VNV16	0.065	VNV8
1ER(N-0.49)	B34	V50X60	1130.000	0.000	VNV16	0.061	VNV8
1ER(N-0.49)	B34	V50X60	1170.000	0.000	VNV16	0.063	VNV8
1ER(N-0.49)	B34	V50X60	1210.000	0.000	VNV16	0.065	VNV8
1ER(N-0.49)	B35	V50X60	50.000	0.011	VNV4	0.069	VNV8
1ER(N-0.49)	B35	V50X60	96.000	0.011	VNV4	0.067	VNV8
1ER(N-0.49)	B35	V50X60	142.000	0.011	VNV4	0.065	VNV8
1ER(N-0.49)	B35	V50X60	188.000	0.011	VNV4	0.063	VNV8
1ER(N-0.49)	B35	V50X60	234.000	0.011	VNV4	0.060	VNV8
1ER(N-0.49)	B35	V50X60	280.000	0.011	VNV4	0.058	VNV8
1ER(N-0.49)	B35	V50X60	280.000	0.011	VNV4	0.074	VNV8
1ER(N-0.49)	B35	V50X60	326.000	0.011	VNV4	0.080	VNV8
1ER(N-0.49)	B35	V50X60	372.000	0.011	VNV4	0.086	VNV8
1ER(N-0.49)	B35	V50X60	418.000	0.011	VNV4	0.092	VNV8
1ER(N-0.49)	B35	V50X60	464.000	0.011	VNV4	0.099	VNV8
1ER(N-0.49)	B35	V50X60	510.000	0.011	VNV4	0.105	VNV8
1ER(N-0.49)	B37	V20X60	0.000	0.000	VNV16	0.012	VNV8
1ER(N-0.49)	B37	V20X60	50.000	0.000	VNV16	0.007	VNV8
1ER(N-0.49)	B37	V20X60	100.000	0.000	VNV16	0.002	VNV8
1ER(N-0.49)	B37	V20X60	150.000	0.000	VNV16	0.000	VNV16



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 355 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B37	V20X60	200.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	250.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	300.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	350.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	400.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	450.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	500.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	550.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	600.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	650.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	700.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	750.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	800.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	850.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B37	V20X60	900.000	0.000	VNV16	0.002	VNV8
1ER(N-0.49)	B37	V20X60	950.000	0.000	VNV16	0.007	VNV8
1ER(N-0.49)	B37	V20X60	1000.000	0.000	VNV16	0.012	VNV8
1ER(N-0.49)	B42	V50X60	30.000	0.000	VNV16	0.095	VNV8
1ER(N-0.49)	B42	V50X60	78.000	0.000	VNV16	0.078	VNV8
1ER(N-0.49)	B42	V50X60	126.000	0.000	VNV16	0.061	VNV8
1ER(N-0.49)	B42	V50X60	174.000	0.000	VNV16	0.071	VNV8
1ER(N-0.49)	B42	V50X60	222.000	0.000	VNV16	0.089	VNV8
1ER(N-0.49)	B42	V50X60	270.000	0.000	VNV16	0.108	VNV8
1ER(N-0.49)	B49	V50X60	17.500	0.055	VNV4	0.051	VNV8
1ER(N-0.49)	B49	V50X60	59.583	0.055	VNV4	0.044	VNV8
1ER(N-0.49)	B49	V50X60	101.667	0.055	VNV4	0.039	VNV16
1ER(N-0.49)	B49	V50X60	143.750	0.055	VNV4	0.047	VNV8
1ER(N-0.49)	B49	V50X60	185.833	0.055	VNV4	0.055	VNV8
1ER(N-0.49)	B49	V50X60	227.917	0.055	VNV4	0.063	VNV8
1ER(N-0.49)	B49	V50X60	270.000	0.055	VNV4	0.072	VNV8
1ER(N-0.49)	B53	V50X60	30.000	0.000	VNV16	0.052	VNV8
1ER(N-0.49)	B53	V50X60	77.500	0.000	VNV16	0.047	VNV8
1ER(N-0.49)	B53	V50X60	125.000	0.000	VNV16	0.046	VNV8
1ER(N-0.49)	B53	V50X60	172.500	0.000	VNV16	0.051	VNV8
1ER(N-0.49)	B53	V50X60	220.000	0.000	VNV16	0.057	VNV8
1ER(N-0.49)	B53	V50X60	220.000	0.000	VNV16	0.049	VNV8
1ER(N-0.49)	B53	V50X60	270.000	0.000	VNV16	0.049	VNV8
1ER(N-0.49)	B59	V50X60	0.000	0.011	VNV8	0.013	VNV8
1ER(N-0.49)	B59	V50X60	40.000	0.011	VNV8	0.011	VNV8
1ER(N-0.49)	B59	V50X60	80.000	0.011	VNV8	0.011	VNV8
1ER(N-0.49)	B59	V50X60	120.000	0.011	VNV8	0.013	VNV8
1ER(N-0.49)	B61	V50X60	0.000	0.012	VNV8	0.069	VNV8
1ER(N-0.49)	B61	V50X60	46.667	0.012	VNV8	0.067	VNV8
1ER(N-0.49)	B61	V50X60	93.333	0.012	VNV8	0.064	VNV8
1ER(N-0.49)	B61	V50X60	140.000	0.012	VNV8	0.062	VNV8
1ER(N-0.49)	B61	V50X60	186.667	0.012	VNV8	0.060	VNV8
1ER(N-0.49)	B61	V50X60	233.333	0.012	VNV8	0.057	VNV8
1ER(N-0.49)	B61	V50X60	280.000	0.012	VNV8	0.055	VNV8
1ER(N-0.49)	B61	V50X60	326.667	0.012	VNV8	0.054	VNV8
1ER(N-0.49)	B61	V50X60	373.333	0.012	VNV8	0.056	VNV8
1ER(N-0.49)	B61	V50X60	420.000	0.012	VNV8	0.058	VNV8
1ER(N-0.49)	B63	V50X60	0.000	0.012	VNV8	0.021	VNV4
1ER(N-0.49)	B63	V50X60	50.000	0.012	VNV8	0.024	VNV4
1ER(N-0.49)	B63	V50X60	100.000	0.012	VNV8	0.027	VNV4
1ER(N-0.49)	B66	V50X60	30.000	0.019	VNV4	0.065	VNV16
1ER(N-0.49)	B66	V50X60	80.000	0.019	VNV4	0.063	VNV16
1ER(N-0.49)	B66	V50X60	130.000	0.019	VNV4	0.061	VNV16
1ER(N-0.49)	B67	V50X60	0.000	0.024	VNV8	0.068	VNV8
1ER(N-0.49)	B67	V50X60	46.667	0.024	VNV8	0.065	VNV8
1ER(N-0.49)	B67	V50X60	93.333	0.024	VNV8	0.065	VNV8
1ER(N-0.49)	B67	V50X60	140.000	0.024	VNV8	0.067	VNV8





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 356 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B67	V50X60	186.667	0.024	VNV8	0.070	VNV8
1ER(N-0.49)	B67	V50X60	233.333	0.024	VNV8	0.072	VNV8
1ER(N-0.49)	B67	V50X60	280.000	0.024	VNV8	0.074	VNV8
1ER(N-0.49)	B67	V50X60	280.000	0.024	VNV8	0.110	VNV8
1ER(N-0.49)	B67	V50X60	326.667	0.024	VNV8	0.112	VNV8
1ER(N-0.49)	B67	V50X60	373.333	0.024	VNV8	0.115	VNV8
1ER(N-0.49)	B67	V50X60	420.000	0.024	VNV8	0.117	VNV8
1ER(N-0.49)	B70	V50X60	0.000	0.000	VNV16	0.015	VNV8
1ER(N-0.49)	B70	V50X60	40.000	0.000	VNV16	0.013	VNV8
1ER(N-0.49)	B70	V50X60	80.000	0.000	VNV16	0.012	VNV8
1ER(N-0.49)	B70	V50X60	120.000	0.000	VNV16	0.014	VNV8
1ER(N-0.49)	B73	V50X60	0.000	0.000	VNV16	0.057	VNV8
1ER(N-0.49)	B73	V50X60	45.000	0.000	VNV16	0.043	VNV8
1ER(N-0.49)	B73	V50X60	90.000	0.000	VNV16	0.037	VNV8
1ER(N-0.49)	B73	V50X60	135.000	0.000	VNV16	0.052	VNV8
1ER(N-0.49)	B73	V50X60	180.000	0.000	VNV16	0.066	VNV8
1ER(N-0.49)	B75	V50X60	0.000	0.000	VNV16	0.042	VNV16
1ER(N-0.49)	B75	V50X60	45.000	0.000	VNV16	0.035	VNV16
1ER(N-0.49)	B75	V50X60	90.000	0.000	VNV16	0.031	VNV16
1ER(N-0.49)	B75	V50X60	135.000	0.000	VNV16	0.038	VNV16
1ER(N-0.49)	B75	V50X60	180.000	0.000	VNV16	0.046	VNV16
1ER(N-0.49)	B114	V50X60	30.000	0.000	VNV16	0.120	VNV8
1ER(N-0.49)	B114	V50X60	40.000	0.000	VNV16	0.117	VNV8
1ER(N-0.49)	B114	V50X60	40.000	0.000	VNV16	0.076	VNV8
1ER(N-0.49)	B114	V50X60	80.000	0.000	VNV16	0.063	VNV8
1ER(N-0.49)	B114	V50X60	120.000	0.000	VNV16	0.051	VNV8
1ER(N-0.49)	B114	V50X60	160.000	0.000	VNV16	0.038	VNV8
1ER(N-0.49)	B114	V50X60	160.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B114	V50X60	200.556	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B114	V50X60	241.111	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B114	V50X60	281.667	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B114	V50X60	281.667	0.000	VNV16	0.029	VNV8
1ER(N-0.49)	B114	V50X60	322.222	0.000	VNV16	0.042	VNV8
1ER(N-0.49)	B114	V50X60	362.778	0.000	VNV16	0.055	VNV8
1ER(N-0.49)	B114	V50X60	403.333	0.000	VNV16	0.067	VNV8
1ER(N-0.49)	B114	V50X60	403.333	0.000	VNV16	0.109	VNV8
1ER(N-0.49)	B114	V50X60	444.167	0.000	VNV16	0.122	VNV8
1ER(N-0.49)	B114	V50X60	485.000	0.000	VNV16	0.135	VNV8
1ER(N-0.49)	B114	V50X60	485.000	0.000	VNV16	0.240	VNV4
1ER(N-0.49)	B114	V50X60	525.000	0.000	VNV16	0.224	VNV4
1ER(N-0.49)	B114	V50X60	525.000	0.000	VNV16	0.177	VNV8
1ER(N-0.49)	B114	V50X60	565.556	0.000	VNV16	0.164	VNV8
1ER(N-0.49)	B114	V50X60	606.111	0.000	VNV16	0.152	VNV8
1ER(N-0.49)	B114	V50X60	646.667	0.000	VNV16	0.139	VNV8
1ER(N-0.49)	B114	V50X60	646.667	0.000	VNV16	0.097	VNV8
1ER(N-0.49)	B114	V50X60	680.000	0.000	VNV16	0.086	VNV8
1ER(N-0.49)	B119	V50X60	30.000	0.000	VNV16	0.126	VNV8
1ER(N-0.49)	B119	V50X60	40.000	0.000	VNV16	0.122	VNV8
1ER(N-0.49)	B119	V50X60	40.000	0.000	VNV16	0.081	VNV8
1ER(N-0.49)	B119	V50X60	80.000	0.000	VNV16	0.069	VNV8
1ER(N-0.49)	B119	V50X60	120.000	0.000	VNV16	0.056	VNV8
1ER(N-0.49)	B119	V50X60	160.000	0.000	VNV16	0.043	VNV8
1ER(N-0.49)	B119	V50X60	160.000	0.000	VNV16	0.002	VNV8
1ER(N-0.49)	B119	V50X60	200.556	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B119	V50X60	241.111	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B119	V50X60	281.667	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B119	V50X60	281.667	0.000	VNV16	0.030	VNV8
1ER(N-0.49)	B119	V50X60	322.222	0.000	VNV16	0.043	VNV8
1ER(N-0.49)	B119	V50X60	362.778	0.000	VNV16	0.056	VNV8
1ER(N-0.49)	B119	V50X60	403.333	0.000	VNV16	0.069	VNV8
1ER(N-0.49)	B119	V50X60	403.333	0.000	VNV16	0.110	VNV8
1ER(N-0.49)	B119	V50X60	444.167	0.000	VNV16	0.123	VNV8
1ER(N-0.49)	B119	V50X60	485.000	0.000	VNV16	0.136	VNV8
1ER(N-0.49)	B119	V50X60	485.000	0.000	VNV16	0.238	VNV4





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 357 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B119	V50X60	525.000	0.000	VNV16	0.223	VNV4
1ER(N-0.49)	B119	V50X60	525.000	0.000	VNV16	0.179	VNV8
1ER(N-0.49)	B119	V50X60	565.556	0.000	VNV16	0.167	VNV8
1ER(N-0.49)	B119	V50X60	606.111	0.000	VNV16	0.154	VNV8
1ER(N-0.49)	B119	V50X60	646.667	0.000	VNV16	0.141	VNV8
1ER(N-0.49)	B119	V50X60	646.667	0.000	VNV16	0.099	VNV8
1ER(N-0.49)	B119	V50X60	680.000	0.000	VNV16	0.089	VNV8

1ER(N-0.49)	B157	V50X60	0.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	43.571	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	87.143	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	130.714	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	174.286	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	217.857	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	261.429	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	305.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	305.000	0.000	VNV16	0.081	VNV8
1ER(N-0.49)	B157	V50X60	354.643	0.000	VNV16	0.057	VNV8
1ER(N-0.49)	B157	V50X60	404.286	0.000	VNV16	0.033	VNV8
1ER(N-0.49)	B157	V50X60	453.929	0.000	VNV16	0.014	VNV8
1ER(N-0.49)	B157	V50X60	503.571	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	553.214	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	602.857	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	652.500	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	702.143	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	751.786	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	801.429	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B157	V50X60	851.071	0.000	VNV16	0.016	VNV8
1ER(N-0.49)	B157	V50X60	900.714	0.000	VNV16	0.035	VNV8
1ER(N-0.49)	B157	V50X60	950.357	0.000	VNV16	0.059	VNV8
1ER(N-0.49)	B157	V50X60	1000.000	0.000	VNV16	0.083	VNV8


1ER(N-0.49)	B188	V50X60	0.000	0.000	VNV16	0.181	VNV8
1ER(N-0.49)	B188	V50X60	43.571	0.000	VNV16	0.164	VNV8
1ER(N-0.49)	B188	V50X60	87.143	0.000	VNV16	0.148	VNV8
1ER(N-0.49)	B188	V50X60	130.714	0.000	VNV16	0.131	VNV8
1ER(N-0.49)	B188	V50X60	174.286	0.000	VNV16	0.114	VNV8
1ER(N-0.49)	B188	V50X60	217.857	0.000	VNV16	0.097	VNV8
1ER(N-0.49)	B188	V50X60	261.429	0.000	VNV16	0.081	VNV8
1ER(N-0.49)	B188	V50X60	305.000	0.000	VNV16	0.064	VNV8
1ER(N-0.49)	B188	V50X60	305.000	0.000	VNV16	0.057	VNV8
1ER(N-0.49)	B188	V50X60	354.643	0.000	VNV16	0.037	VNV8
1ER(N-0.49)	B188	V50X60	404.286	0.000	VNV16	0.018	VNV8
1ER(N-0.49)	B188	V50X60	453.929	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B188	V50X60	503.571	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B188	V50X60	553.214	0.000	VNV16	0.003	VNV8
1ER(N-0.49)	B188	V50X60	602.857	0.000	VNV16	0.022	VNV8
1ER(N-0.49)	B188	V50X60	652.500	0.000	VNV16	0.041	VNV8
1ER(N-0.49)	B188	V50X60	702.143	0.000	VNV16	0.060	VNV8
1ER(N-0.49)	B188	V50X60	751.786	0.000	VNV16	0.079	VNV8
1ER(N-0.49)	B188	V50X60	801.429	0.000	VNV16	0.099	VNV8
1ER(N-0.49)	B188	V50X60	851.071	0.000	VNV16	0.118	VNV8
1ER(N-0.49)	B188	V50X60	900.714	0.000	VNV16	0.137	VNV8
1ER(N-0.49)	B188	V50X60	950.357	0.000	VNV16	0.156	VNV8
1ER(N-0.49)	B188	V50X60	1000.000	0.000	VNV16	0.175	VNV8

1ER(N-0.49)	B228	V50X60	0.000	0.000	VNV16	0.067	VNV8
1ER(N-0.49)	B228	V50X60	44.167	0.000	VNV16	0.053	VNV8
1ER(N-0.49)	B228	V50X60	88.333	0.000	VNV16	0.039	VNV8
1ER(N-0.49)	B228	V50X60	88.333	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B228	V50X60	128.889	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B228	V50X60	169.445	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B228	V50X60	210.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B228	V50X60	210.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B228	V50X60	250.556	0.000	VNV16	0.002	VNV8
1ER(N-0.49)	B228	V50X60	291.111	0.000	VNV16	0.015	VNV8
1ER(N-0.49)	B228	V50X60	331.667	0.000	VNV16	0.028	VNV8
1ER(N-0.49)	B228	V50X60	331.667	0.000	VNV16	0.070	VNV8
1ER(N-0.49)	B228	V50X60	372.222	0.000	VNV16	0.082	VNV8




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 358 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER(N-0.49)	B228	V50X60	412.778	0.000	VNV16	0.095	VNV8
1ER(N-0.49)	B228	V50X60	453.333	0.000	VNV16	0.110	VNV4
1ER(N-0.49)	B228	V50X60	453.333	0.000	VNV16	0.162	VNV4
1ER(N-0.49)	B228	V50X60	493.889	0.000	VNV16	0.178	VNV4
1ER(N-0.49)	B228	V50X60	534.445	0.000	VNV16	0.194	VNV4
1ER(N-0.49)	B228	V50X60	575.000	0.000	VNV16	0.210	VNV4
1ER(N-0.49)	B228	V50X60	575.000	0.040	VNV4	0.257	VNV4
1ER(N-0.49)	B228	V50X60	610.000	0.040	VNV4	0.254	VNV4
1ER(N-0.49)	B228	V50X60	645.000	0.040	VNV4	0.250	VNV4
1ER(N-0.49)	B228	V50X60	680.000	0.040	VNV4	0.244	VNV4
1ER(N-0.49)	B233	V50X60	0.000	0.000	VNV16	0.068	VNV8
1ER(N-0.49)	B233	V50X60	44.167	0.000	VNV16	0.054	VNV8
1ER(N-0.49)	B233	V50X60	88.333	0.000	VNV16	0.040	VNV8
1ER(N-0.49)	B233	V50X60	88.333	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B233	V50X60	128.889	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B233	V50X60	169.444	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B233	V50X60	210.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B233	V50X60	210.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B233	V50X60	250.556	0.000	VNV16	0.005	VNV8
1ER(N-0.49)	B233	V50X60	291.111	0.000	VNV16	0.018	VNV8
1ER(N-0.49)	B233	V50X60	331.667	0.000	VNV16	0.031	VNV8
1ER(N-0.49)	B233	V50X60	331.667	0.000	VNV16	0.072	VNV8
1ER(N-0.49)	B233	V50X60	372.222	0.000	VNV16	0.085	VNV8
1ER(N-0.49)	B233	V50X60	412.778	0.000	VNV16	0.098	VNV8
1ER(N-0.49)	B233	V50X60	453.333	0.000	VNV16	0.111	VNV8
1ER(N-0.49)	B233	V50X60	453.333	0.000	VNV16	0.163	VNV4
1ER(N-0.49)	B233	V50X60	493.889	0.000	VNV16	0.179	VNV4
1ER(N-0.49)	B233	V50X60	534.444	0.000	VNV16	0.195	VNV4
1ER(N-0.49)	B233	V50X60	575.000	0.000	VNV16	0.211	VNV4
1ER(N-0.49)	B233	V50X60	575.000	0.041	VNV4	0.257	VNV4
1ER(N-0.49)	B233	V50X60	610.000	0.041	VNV4	0.254	VNV4
1ER(N-0.49)	B233	V50X60	645.000	0.041	VNV4	0.249	VNV4
1ER(N-0.49)	B233	V50X60	680.000	0.041	VNV4	0.243	VNV4
1ER(N-0.49)	B269	V40X60	30.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	79.474	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	128.947	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	178.421	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	227.895	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	277.368	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	326.842	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	376.316	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	425.789	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	475.263	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	524.737	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	574.211	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	623.684	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	673.158	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	722.632	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	772.105	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	821.579	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	871.053	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	920.526	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B269	V40X60	970.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B270	V50X60	0.000	0.000	VNV16	0.047	VNV8
1ER(N-0.49)	B270	V50X60	37.500	0.000	VNV16	0.035	VNV8
1ER(N-0.49)	B270	V50X60	75.000	0.000	VNV16	0.042	VNV8
1ER(N-0.49)	B270	V50X60	75.000	0.000	VNV16	0.051	VNV8
1ER(N-0.49)	B270	V50X60	110.000	0.000	VNV16	0.040	VNV8
1ER(N-0.49)	B270	V50X60	145.000	0.000	VNV16	0.034	VNV8
1ER(N-0.49)	B270	V50X60	180.000	0.000	VNV16	0.042	VNV8
1ER(N-0.49)	B272	V50X60	0.000	0.000	VNV16	0.037	VNV8
1ER(N-0.49)	B272	V50X60	37.500	0.000	VNV16	0.025	VNV8
1ER(N-0.49)	B272	V50X60	75.000	0.000	VNV16	0.034	VNV8
1ER(N-0.49)	B272	V50X60	75.000	0.000	VNV16	0.040	VNV8
1ER(N-0.49)	B272	V50X60	110.000	0.000	VNV16	0.030	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 359 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


1ER(N-0.49)	B272	V50X60	145.000	0.000	VNV16	0.026	VNV8
1ER(N-0.49)	B272	V50X60	180.000	0.000	VNV16	0.034	VNV8
1ER(N-0.49)	B274	V60X60	0.000	0.043	VNV8	0.012	VNV8
1ER(N-0.49)	B274	V60X60	40.000	0.043	VNV8	0.010	VNV8
1ER(N-0.49)	B274	V60X60	80.000	0.043	VNV8	0.009	VNV8
1ER(N-0.49)	B274	V60X60	120.000	0.043	VNV8	0.012	VNV8
1ER(N-0.49)	B276	V60X60	0.000	0.000	VNV16	0.197	VNV8
1ER(N-0.49)	B276	V60X60	46.000	0.000	VNV16	0.194	VNV8
1ER(N-0.49)	B276	V60X60	92.000	0.000	VNV16	0.191	VNV8
1ER(N-0.49)	B276	V60X60	138.000	0.000	VNV16	0.189	VNV8
1ER(N-0.49)	B276	V60X60	184.000	0.000	VNV16	0.186	VNV8
1ER(N-0.49)	B276	V60X60	230.000	0.000	VNV16	0.183	VNV8
1ER(N-0.49)	B281	V60X100	32.300	0.000	VNV16	0.083	VNV4
1ER(N-0.49)	B281	V60X100	32.500	0.000	VNV16	0.083	VNV4
1ER(N-0.49)	B281	V60X100	32.500	0.000	VNV16	0.083	VNV4
1ER(N-0.49)	B281	V60X100	78.000	0.000	VNV16	0.090	VNV4
1ER(N-0.49)	B281	V60X100	123.500	0.000	VNV16	0.097	VNV4
1ER(N-0.49)	B281	V60X100	169.000	0.000	VNV16	0.103	VNV4
1ER(N-0.49)	B281	V60X100	214.500	0.000	VNV16	0.110	VNV4
1ER(N-0.49)	B281	V60X100	260.000	0.000	VNV16	0.117	VNV4
1ER(N-0.49)	B281	V60X100	260.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	310.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	360.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	410.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	460.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	510.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	560.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	610.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	660.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	710.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	760.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	810.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	860.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	910.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	960.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	1010.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	1060.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	1110.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	1160.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	1210.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	1260.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B281	V60X100	1260.000	0.000	VNV16	0.116	VNV4
1ER(N-0.49)	B281	V60X100	1305.500	0.000	VNV16	0.110	VNV4
1ER(N-0.49)	B281	V60X100	1351.000	0.000	VNV16	0.103	VNV4
1ER(N-0.49)	B281	V60X100	1396.500	0.000	VNV16	0.096	VNV4
1ER(N-0.49)	B281	V60X100	1442.000	0.000	VNV16	0.090	VNV4
1ER(N-0.49)	B281	V60X100	1487.500	0.000	VNV16	0.083	VNV4
1ER(N-0.49)	B281	V60X100	1487.500	0.000	VNV16	0.083	VNV4
1ER(N-0.49)	B281	V60X100	1487.700	0.000	VNV16	0.083	VNV4
1ER(N-0.49)	B286	V60X60	60.000	0.000	VNV16	0.181	VNV8
1ER(N-0.49)	B286	V60X60	106.000	0.000	VNV16	0.184	VNV8
1ER(N-0.49)	B286	V60X60	152.000	0.000	VNV16	0.187	VNV8
1ER(N-0.49)	B286	V60X60	198.000	0.000	VNV16	0.189	VNV8
1ER(N-0.49)	B286	V60X60	244.000	0.000	VNV16	0.192	VNV8
1ER(N-0.49)	B286	V60X60	290.000	0.000	VNV16	0.195	VNV8
1ER(N-0.49)	B288	V60X60	0.000	0.035	VNV8	0.011	VNV8
1ER(N-0.49)	B288	V60X60	40.000	0.035	VNV8	0.009	VNV8
1ER(N-0.49)	B288	V60X60	80.000	0.035	VNV8	0.009	VNV8
1ER(N-0.49)	B288	V60X60	120.000	0.035	VNV8	0.012	VNV8
1ER(N-0.49)	B296	V50X60	0.000	0.000	VNV16	0.074	VNV8
1ER(N-0.49)	B296	V50X60	48.751	0.000	VNV16	0.071	VNV8
1ER(N-0.49)	B296	V50X60	97.503	0.000	VNV16	0.069	VNV8
1ER(N-0.49)	B296	V50X60	146.254	0.000	VNV16	0.067	VNV8

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 360 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B296	V50X60	195.006	0.000	VNV16	0.069	VNV8
1ER(N-0.49)	B296	V50X60	243.757	0.000	VNV16	0.072	VNV8
1ER(N-0.49)	B296	V50X60	292.509	0.000	VNV16	0.074	VNV8
1ER(N-0.49)	B296	V50X60	341.260	0.000	VNV16	0.076	VNV8
1ER(N-0.49)	B297	V50X60	0.000	0.000	VNV16	0.082	VNV8
1ER(N-0.49)	B297	V50X60	48.751	0.000	VNV16	0.080	VNV8
1ER(N-0.49)	B297	V50X60	97.503	0.000	VNV16	0.077	VNV8
1ER(N-0.49)	B297	V50X60	146.254	0.000	VNV16	0.075	VNV8
1ER(N-0.49)	B297	V50X60	195.006	0.000	VNV16	0.075	VNV8
1ER(N-0.49)	B297	V50X60	243.757	0.000	VNV16	0.077	VNV8
1ER(N-0.49)	B297	V50X60	292.509	0.000	VNV16	0.079	VNV8
1ER(N-0.49)	B297	V50X60	341.260	0.000	VNV16	0.082	VNV8
1ER(N-0.49)	B573	V30X60	0.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B573	V30X60	50.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B573	V30X60	50.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B573	V30X60	94.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B573	V30X60	138.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B573	V30X60	182.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B573	V30X60	226.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B573	V30X60	270.000	0.000	VNV16	0.000	VNV16
1ER(N-0.49)	B574	V20X60	0.000	0.016	VNV4	0.000	VNV16
1ER(N-0.49)	B574	V20X60	43.333	0.016	VNV4	0.000	VNV16
1ER(N-0.49)	B574	V20X60	86.667	0.016	VNV4	0.000	VNV16
1ER(N-0.49)	B574	V20X60	130.000	0.016	VNV4	0.000	VNV16
1ER(N-0.49)	B574	V20X60	173.333	0.016	VNV4	0.000	VNV16
1ER(N-0.49)	B574	V20X60	216.667	0.016	VNV4	0.000	VNV16
1ER(N-0.49)	B574	V20X60	260.000	0.016	VNV4	0.000	VNV16
1ER(N-0.49)	B624	V50X60	0.000	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	49.231	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	98.462	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	147.692	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	196.923	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	246.154	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	295.385	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	344.615	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	393.846	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	443.077	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	492.308	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	541.538	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	590.769	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B624	V50X60	640.000	0.015	VNV8	0.000	VNV16
1ER(N-0.49)	B625	V50X60	30.000	0.028	VNV8	0.037	VNV16
1ER(N-0.49)	B625	V50X60	79.231	0.028	VNV8	0.035	VNV16
1ER(N-0.49)	B625	V50X60	128.462	0.028	VNV8	0.033	VNV16
1ER(N-0.49)	B625	V50X60	177.692	0.028	VNV8	0.031	VNV16
1ER(N-0.49)	B625	V50X60	226.923	0.028	VNV8	0.029	VNV16
1ER(N-0.49)	B625	V50X60	276.154	0.028	VNV8	0.028	VNV16
1ER(N-0.49)	B625	V50X60	325.385	0.028	VNV8	0.026	VNV16
1ER(N-0.49)	B625	V50X60	374.615	0.028	VNV8	0.024	VNV16
1ER(N-0.49)	B625	V50X60	423.846	0.028	VNV8	0.022	VNV16
1ER(N-0.49)	B625	V50X60	473.077	0.028	VNV8	0.020	VNV16
1ER(N-0.49)	B625	V50X60	522.308	0.028	VNV8	0.020	VNV16
1ER(N-0.49)	B625	V50X60	571.538	0.028	VNV8	0.022	VNV16
1ER(N-0.49)	B625	V50X60	620.769	0.028	VNV8	0.024	VNV16
1ER(N-0.49)	B625	V50X60	670.000	0.028	VNV8	0.026	VNV16
1ER(N-0.49)	B626	V60X60	55.793	0.038	VNV8	0.164	VNV8
1ER(N-0.49)	B626	V60X60	104.445	0.038	VNV8	0.172	VNV8
1ER(N-0.49)	B626	V60X60	153.097	0.038	VNV8	0.179	VNV8
1ER(N-0.49)	B626	V60X60	201.749	0.038	VNV8	0.187	VNV8
1ER(N-0.49)	B626	V60X60	250.401	0.038	VNV8	0.195	VNV8
1ER(N-0.49)	B627	V60X60	30.000	0.038	VNV8	0.194	VNV8
1ER(N-0.49)	B627	V60X60	78.652	0.038	VNV8	0.186	VNV8


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 361 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

1ER(N-0.49)	B627	V60X60	127.304	0.038	VNV8	0.179	VNV8
1ER(N-0.49)	B627	V60X60	175.956	0.038	VNV8	0.171	VNV8
1ER(N-0.49)	B627	V60X60	224.608	0.038	VNV8	0.163	VNV8
1ER(N-0.49)	B628	V50X60	23.616	0.014	VNV4	0.098	VNV8
1ER(N-0.49)	B628	V50X60	72.826	0.014	VNV4	0.084	VNV8
1ER(N-0.49)	B628	V50X60	122.036	0.014	VNV4	0.091	VNV8
1ER(N-0.49)	B628	V50X60	171.246	0.014	VNV4	0.105	VNV8
1ER(N-0.49)	B628	V50X60	220.456	0.014	VNV4	0.120	VNV8
1ER(N-0.49)	B628	V50X60	269.666	0.014	VNV4	0.134	VNV8
1ER(N-0.49)	B629	V50X60	30.000	0.013	VNV4	0.171	VNV8
1ER(N-0.49)	B629	V50X60	79.210	0.013	VNV4	0.166	VNV8
1ER(N-0.49)	B629	V50X60	128.420	0.013	VNV4	0.162	VNV8
1ER(N-0.49)	B629	V50X60	177.630	0.013	VNV4	0.157	VNV8
1ER(N-0.49)	B629	V50X60	226.840	0.013	VNV4	0.152	VNV8
1ER(N-0.49)	B629	V50X60	276.050	0.013	VNV4	0.147	VNV8
SOT1(N-4.09)	B3	V40X60	30.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	77.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	125.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	172.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	220.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	267.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	315.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	362.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	410.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	457.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	505.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	552.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B3	V40X60	600.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	30.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	77.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	125.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	172.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	220.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	267.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	315.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	362.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	410.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	457.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	505.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	552.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B4	V40X60	600.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B5	V40X60	30.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B5	V40X60	78.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B5	V40X60	126.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B5	V40X60	174.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B5	V40X60	222.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B5	V40X60	270.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B5	V40X60	270.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B5	V40X60	315.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B5	V40X60	360.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B6	V40X60	0.000	0.000	VNV16	0.006	VNV16
SOT1(N-4.09)	B6	V40X60	45.000	0.000	VNV16	0.004	VNV16
SOT1(N-4.09)	B6	V40X60	90.000	0.000	VNV16	0.003	VNV16
SOT1(N-4.09)	B6	V40X60	135.000	0.000	VNV16	0.004	VNV16
SOT1(N-4.09)	B6	V40X60	180.000	0.000	VNV16	0.006	VNV16
SOT1(N-4.09)	B7	V30X60	0.000	0.009	VNV4	0.000	VNV16
SOT1(N-4.09)	B7	V30X60	45.714	0.009	VNV4	0.000	VNV16
SOT1(N-4.09)	B7	V30X60	91.429	0.009	VNV4	0.000	VNV16
SOT1(N-4.09)	B7	V30X60	137.143	0.009	VNV4	0.000	VNV16
SOT1(N-4.09)	B7	V30X60	182.857	0.009	VNV4	0.000	VNV16
SOT1(N-4.09)	B7	V30X60	228.571	0.009	VNV4	0.000	VNV16
SOT1(N-4.09)	B7	V30X60	274.286	0.009	VNV4	0.000	VNV16

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 362 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


SOT1(N-4.09)	B7	V30X60	320.000	0.009	VNV4	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	30.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	76.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	123.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	170.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	216.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	263.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	310.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	310.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	354.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	399.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	443.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	488.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B14	V40X60	532.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B16	V40X60	30.000	0.014	VNV4	0.064	VNV8
SOT1(N-4.09)	B16	V40X60	76.667	0.014	VNV4	0.047	VNV8
SOT1(N-4.09)	B16	V40X60	123.333	0.014	VNV4	0.030	VNV8
SOT1(N-4.09)	B16	V40X60	170.000	0.014	VNV4	0.013	VNV8
SOT1(N-4.09)	B16	V40X60	216.667	0.014	VNV4	0.000	VNV16
SOT1(N-4.09)	B16	V40X60	263.333	0.014	VNV4	0.000	VNV16
SOT1(N-4.09)	B16	V40X60	310.000	0.014	VNV4	0.000	VNV16
SOT1(N-4.09)	B16	V40X60	310.000	0.014	VNV4	0.000	VNV16
SOT1(N-4.09)	B16	V40X60	358.000	0.014	VNV4	0.000	VNV16
SOT1(N-4.09)	B16	V40X60	406.000	0.014	VNV4	0.017	VNV8
SOT1(N-4.09)	B16	V40X60	454.000	0.014	VNV4	0.049	VNV8
SOT1(N-4.09)	B16	V40X60	502.000	0.014	VNV4	0.081	VNV8
SOT1(N-4.09)	B16	V40X60	550.000	0.014	VNV4	0.114	VNV8
SOT1(N-4.09)	B17	V50X60	30.000	0.000	VNV16	0.066	VNV8
SOT1(N-4.09)	B17	V50X60	78.333	0.000	VNV16	0.052	VNV8
SOT1(N-4.09)	B17	V50X60	126.667	0.000	VNV16	0.037	VNV8
SOT1(N-4.09)	B17	V50X60	175.000	0.000	VNV16	0.023	VNV8
SOT1(N-4.09)	B17	V50X60	223.333	0.000	VNV16	0.008	VNV8
SOT1(N-4.09)	B17	V50X60	271.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B17	V50X60	320.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B17	V50X60	320.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B17	V50X60	362.500	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B17	V50X60	405.000	0.000	VNV16	0.012	VNV8
SOT1(N-4.09)	B17	V50X60	447.500	0.000	VNV16	0.034	VNV8
SOT1(N-4.09)	B17	V50X60	490.000	0.000	VNV16	0.056	VNV8
SOT1(N-4.09)	B17	V50X60	532.500	0.000	VNV16	0.078	VNV8
SOT1(N-4.09)	B19	V40X60	30.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	80.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	130.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	180.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	230.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	230.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	275.714	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	321.429	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	367.143	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	412.857	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	458.571	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	504.286	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B19	V40X60	550.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	0.000	0.018	VNV4	0.005	VNV8
SOT1(N-4.09)	B21	V30X60	48.462	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	96.923	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	145.385	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	193.846	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	242.308	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	290.769	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	339.231	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	387.692	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	436.154	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	484.615	0.018	VNV4	0.000	VNV16




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 363 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09)	B21	V30X60	533.077	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	581.538	0.018	VNV4	0.000	VNV16
SOT1(N-4.09)	B21	V30X60	630.000	0.018	VNV4	0.005	VNV8
SOT1(N-4.09)	B22	V30X60	0.000	0.000	VNV16	4.170E-04	VNV4
SOT1(N-4.09)	B22	V30X60	45.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	90.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	135.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	180.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	225.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	270.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	270.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	315.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	360.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	405.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	450.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	495.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B22	V30X60	540.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	50.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	90.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	130.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	130.000	0.019	VNV4	0.056	VNV4
SOT1(N-4.09)	B34	V50X60	180.000	0.019	VNV4	0.053	VNV4
SOT1(N-4.09)	B34	V50X60	230.000	0.019	VNV4	0.050	VNV4
SOT1(N-4.09)	B34	V50X60	280.000	0.019	VNV4	0.047	VNV4
SOT1(N-4.09)	B34	V50X60	330.000	0.019	VNV4	0.044	VNV4
SOT1(N-4.09)	B34	V50X60	380.000	0.019	VNV4	0.041	VNV4
SOT1(N-4.09)	B34	V50X60	430.000	0.019	VNV4	0.038	VNV4
SOT1(N-4.09)	B34	V50X60	480.000	0.019	VNV4	0.035	VNV4
SOT1(N-4.09)	B34	V50X60	530.000	0.019	VNV4	0.031	VNV4
SOT1(N-4.09)	B34	V50X60	580.000	0.019	VNV4	0.028	VNV4
SOT1(N-4.09)	B34	V50X60	630.000	0.019	VNV4	0.025	VNV4
SOT1(N-4.09)	B34	V50X60	630.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	680.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	730.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	780.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	830.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	880.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	930.000	0.000	VNV16	0.001	VNV8
SOT1(N-4.09)	B34	V50X60	980.000	0.000	VNV16	0.004	VNV4
SOT1(N-4.09)	B34	V50X60	1030.000	0.000	VNV16	0.007	VNV4
SOT1(N-4.09)	B34	V50X60	1080.000	0.000	VNV16	0.010	VNV4
SOT1(N-4.09)	B34	V50X60	1130.000	0.000	VNV16	0.013	VNV4
SOT1(N-4.09)	B34	V50X60	1130.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	1170.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B34	V50X60	1210.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B35	V50X60	50.000	0.011	VNV4	0.039	VNV16
SOT1(N-4.09)	B35	V50X60	91.000	0.011	VNV4	0.036	VNV16
SOT1(N-4.09)	B35	V50X60	132.000	0.011	VNV4	0.033	VNV16
SOT1(N-4.09)	B35	V50X60	173.000	0.011	VNV4	0.030	VNV16
SOT1(N-4.09)	B35	V50X60	173.000	0.011	VNV4	0.023	VNV16
SOT1(N-4.09)	B35	V50X60	208.667	0.011	VNV4	0.022	VNV16
SOT1(N-4.09)	B35	V50X60	244.333	0.011	VNV4	0.021	VNV16
SOT1(N-4.09)	B35	V50X60	280.000	0.011	VNV4	0.020	VNV16
SOT1(N-4.09)	B35	V50X60	280.000	0.011	VNV4	0.030	VNV16
SOT1(N-4.09)	B35	V50X60	326.000	0.011	VNV4	0.031	VNV16
SOT1(N-4.09)	B35	V50X60	372.000	0.011	VNV4	0.033	VNV16
SOT1(N-4.09)	B35	V50X60	418.000	0.011	VNV4	0.035	VNV16
SOT1(N-4.09)	B35	V50X60	464.000	0.011	VNV4	0.037	VNV16
SOT1(N-4.09)	B35	V50X60	510.000	0.011	VNV4	0.038	VNV16
SOT1(N-4.09)	B47	V60X60	0.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B47	V60X60	48.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B47	V60X60	96.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B47	V60X60	144.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B47	V60X60	192.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B47	V60X60	240.000	0.000	VNV16	0.000	VNV16




	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 364 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1 (N-4.09)	B48	V30X60	0.000	0.042	VNV4	0.061	VNV8
SOT1 (N-4.09)	B48	V30X60	48.000	0.042	VNV4	0.065	VNV8
SOT1 (N-4.09)	B48	V30X60	96.000	0.042	VNV4	0.069	VNV8
SOT1 (N-4.09)	B48	V30X60	144.000	0.042	VNV4	0.073	VNV8
SOT1 (N-4.09)	B48	V30X60	192.000	0.042	VNV4	0.077	VNV8
SOT1 (N-4.09)	B48	V30X60	240.000	0.042	VNV4	0.081	VNV8
SOT1 (N-4.09)	B49	V50X60	17.500	0.000	VNV16	0.060	VNV8
SOT1 (N-4.09)	B49	V50X60	55.125	0.000	VNV16	0.064	VNV8
SOT1 (N-4.09)	B49	V50X60	92.750	0.000	VNV16	0.068	VNV8
SOT1 (N-4.09)	B49	V50X60	130.375	0.000	VNV16	0.071	VNV8
SOT1 (N-4.09)	B49	V50X60	168.000	0.000	VNV16	0.075	VNV8
SOT1 (N-4.09)	B49	V50X60	168.000	0.000	VNV16	0.083	VNV8
SOT1 (N-4.09)	B49	V50X60	204.000	0.000	VNV16	0.089	VNV8
SOT1 (N-4.09)	B49	V50X60	240.000	0.000	VNV16	0.095	VNV8
SOT1 (N-4.09)	B52	V20X60	0.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B52	V20X60	34.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B52	V20X60	68.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B52	V20X60	102.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B52	V20X60	102.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B52	V20X60	144.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B52	V20X60	186.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B52	V20X60	228.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B52	V20X60	270.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B53	V50X60	30.000	0.000	VNV16	0.019	VNV16
SOT1 (N-4.09)	B53	V50X60	77.500	0.000	VNV16	0.015	VNV16
SOT1 (N-4.09)	B53	V50X60	125.000	0.000	VNV16	0.011	VNV16
SOT1 (N-4.09)	B53	V50X60	172.500	0.000	VNV16	0.015	VNV16
SOT1 (N-4.09)	B53	V50X60	220.000	0.000	VNV16	0.019	VNV16
SOT1 (N-4.09)	B53	V50X60	220.000	0.000	VNV16	0.013	VNV16
SOT1 (N-4.09)	B53	V50X60	270.000	0.000	VNV16	0.013	VNV16
SOT1 (N-4.09)	B55	V20X60	0.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B55	V20X60	43.250	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B55	V20X60	86.500	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B55	V20X60	129.750	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B55	V20X60	173.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B66	V60X60	30.000	0.016	VNV4	0.023	VNV8
SOT1 (N-4.09)	B66	V60X60	65.000	0.016	VNV4	0.025	VNV8
SOT1 (N-4.09)	B66	V60X60	100.000	0.016	VNV4	0.027	VNV8
SOT1 (N-4.09)	B67	V60X60	30.000	0.000	VNV16	0.012	VNV8
SOT1 (N-4.09)	B67	V60X60	77.667	0.000	VNV16	0.009	VNV8
SOT1 (N-4.09)	B67	V60X60	125.333	0.000	VNV16	0.008	VNV16
SOT1 (N-4.09)	B67	V60X60	173.000	0.000	VNV16	0.011	VNV8
SOT1 (N-4.09)	B67	V60X60	173.000	0.000	VNV16	0.011	VNV8
SOT1 (N-4.09)	B67	V60X60	208.667	0.000	VNV16	0.009	VNV8
SOT1 (N-4.09)	B67	V60X60	244.333	0.000	VNV16	0.007	VNV16
SOT1 (N-4.09)	B67	V60X60	280.000	0.000	VNV16	0.009	VNV8
SOT1 (N-4.09)	B67	V60X60	280.000	0.000	VNV16	0.013	VNV8
SOT1 (N-4.09)	B67	V60X60	326.667	0.000	VNV16	0.010	VNV8
SOT1 (N-4.09)	B67	V60X60	373.333	0.000	VNV16	0.008	VNV16
SOT1 (N-4.09)	B67	V60X60	420.000	0.000	VNV16	0.010	VNV8
SOT1 (N-4.09)	B70	V60X60	0.000	0.000	VNV16	0.010	VNV8
SOT1 (N-4.09)	B70	V60X60	40.000	0.000	VNV16	0.007	VNV8
SOT1 (N-4.09)	B70	V60X60	80.000	0.000	VNV16	0.005	VNV16
SOT1 (N-4.09)	B70	V60X60	120.000	0.000	VNV16	0.007	VNV8
SOT1 (N-4.09)	B269	V60X60	30.000	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B269	V60X60	79.474	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B269	V60X60	128.947	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B269	V60X60	178.421	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B269	V60X60	227.895	0.000	VNV16	0.000	VNV16
SOT1 (N-4.09)	B269	V60X60	277.368	0.000	VNV16	0.000	VNV16

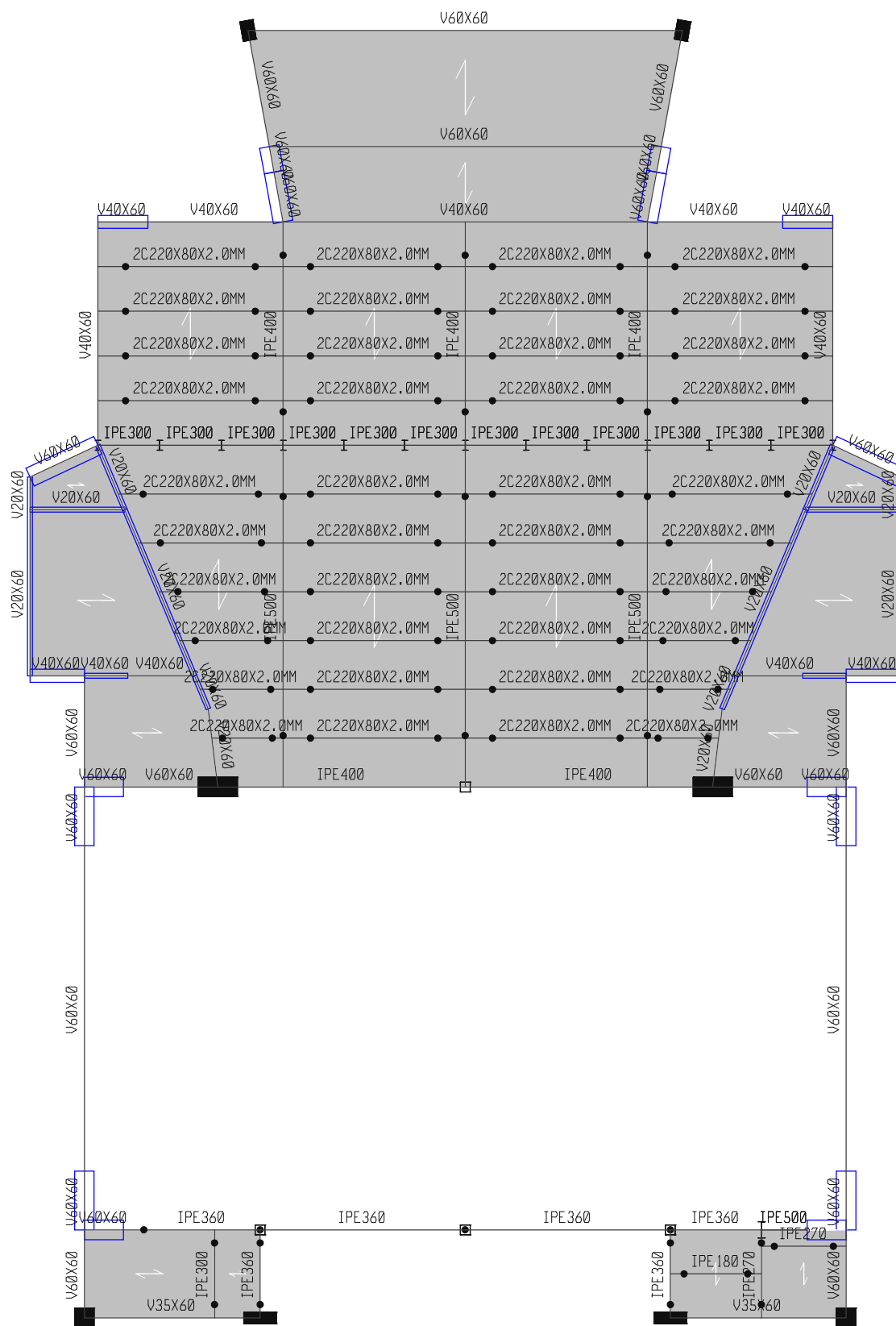
	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 365 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

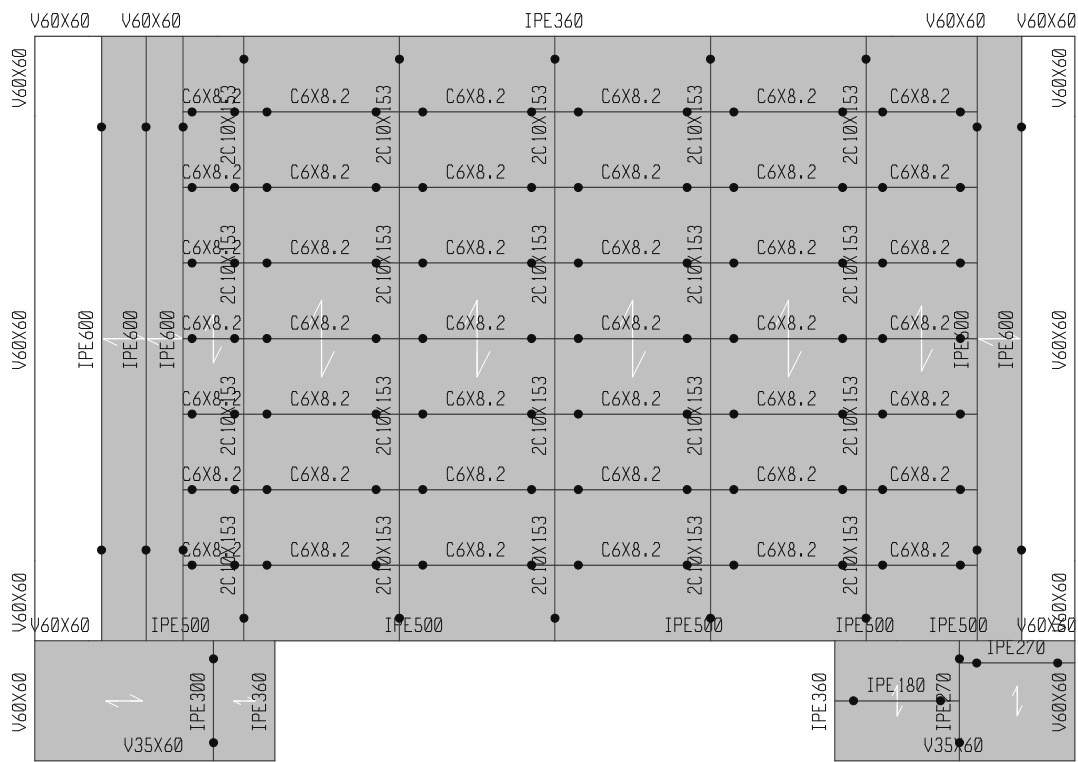
SOT1(N-4.09)	B269	V60X60	326.842	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	376.316	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	425.789	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	475.263	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	524.737	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	574.211	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	623.684	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	673.158	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	722.632	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	772.105	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	821.579	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	871.053	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	920.526	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B269	V60X60	970.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B618	V60X60	30.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B618	V60X60	77.222	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B618	V60X60	124.444	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B618	V60X60	171.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B618	V60X60	218.889	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B618	V60X60	266.111	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B618	V60X60	313.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B618	V60X60	360.556	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B618	V60X60	407.778	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B620	V60X60	30.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B620	V60X60	77.222	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B620	V60X60	124.444	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B620	V60X60	171.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B620	V60X60	218.889	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B620	V60X60	266.111	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B620	V60X60	313.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B620	V60X60	360.556	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B620	V60X60	407.778	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B620	V60X60	455.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	30.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	77.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	124.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	172.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	219.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	266.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	314.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	361.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	408.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	456.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	503.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	550.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	598.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	645.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	692.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B622	V60X60	740.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	30.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	77.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	124.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	172.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	219.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	266.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	314.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	361.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	408.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	456.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	503.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	550.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	598.000	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	645.333	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	692.667	0.000	VNV16	0.000	VNV16
SOT1(N-4.09)	B623	V60X60	740.000	0.000	VNV16	0.000	VNV16


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 366 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

## **ANEXO 6.4. DISEÑO DE ESTRUCTURA METALICA**







	Propietario:	SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA	Calculó:	ING. FABIO RIVERA
	Proyecto:	COLEGIO Y TEATRO EL ENSUEÑO	Revisó:	ING. JUAN C. PATIÑO
	Localización:	BOGOTA - CUNDINAMARCA	Hoja:	PAGINA 367 DE 398
	Contenido:	TEATRO - M. DE CALCULOS	Fecha:	OCTUBRE - 2014


**NOTA: LOS ESQUEMAS ANTERIORES MUESTRAN COMO SE CONSIDERO LA ESTRUCTURA METALICA PERTENECIENTE AL TEATRO. LOS PUNTOS OBSERVADOS EN LOS EXTREMOS DE LOS ELEMENTOS SON LA REPRESENTACION DE LAS CONEXIONES ARTICULADAS, Y NO HACEN PARTE DEL SISTEMA SISMORESISTENTE DE LA EDIFICACION.**

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C O L U M N S T E E L S T R E S S C H E C K O U T P U T (AISC360-05/IBC2006)

STORY LEVEL	COLUMN LINE	SECTION ID	/-----MOMENT INTERACTION CHECK-----//				----SHEAR22----		----SHEAR33----	
			COMBO	RATIO	=	AXL + B33 + B22	COMBO	RATIO	COMBO	RATIO
CB2(N+14.60)	C8	TUB300X300X10.0MM					C14	0.008	C18	0.002
			C14(C)	0.122	=	0.045 + 0.062 + 0.016				
CB3(N+20.57)	C8-1	IPE500					C18	0.037	C14	0.009
			C14(C)	0.439	=	0.312 + 0.010 + 0.118				
CB3(N+20.57)	C9-1	IPE500					C14	0.004	C14	0.008
			C14(C)	0.318	=	0.240 + 0.011 + 0.067				
CB3(N+20.57)	C10-1	IPE500					C2	0.006	C14	0.002
			C2(C)	0.182	=	0.182 + 0.000 + 0.000				
CB3(N+20.57)	C11-1	IPE500					C14	0.004	C14	0.008
			C14(C)	0.346	=	0.264 + 0.011 + 0.071				
CB2(N+14.60)	C12	TUB300X300X10.0MM					C14	0.013	C14	0.002
			C14(C)	0.160	=	0.042 + 0.101 + 0.017				
CB3(N+20.57)	C12-1	IPE500					C14	0.029	C14	0.006
			C14(C)	0.421	=	0.331 + 0.005 + 0.085				
CB3(N+20.57)	C13-1	2C10X153					C18	0.000	C2	0.000
			C18(C)	0.107	=	0.107 + 0.000 + 0.000				
CB3(N+20.57)	C14-1	2C10X153					C18	0.000	C14	0.000
			C2(C)	0.208	=	0.201 + 0.000 + 0.007				
CB3(N+20.57)	C15-1	2C10X153					C18	0.000	C14	0.000
			C2(C)	0.201	=	0.201 + 0.000 + 0.001				
CB3(N+20.57)	C16-1	2C10X153					C18	0.000	C14	0.000
			C2(C)	0.213	=	0.205 + 0.000 + 0.008				
CB3(N+20.57)	C17-1	2C10X153					C18	0.000	C14	0.000
			C14(C)	0.154	=	0.154 + 0.000 + 0.000				
CB3(N+20.57)	C18-1	2C10X153					C18	0.000	C2	0.000
			C2(C)	0.060	=	0.033 + 0.000 + 0.027				
CB3(N+20.57)	C20-1	2C10X153					C18	0.000	C2	0.000
			C2(C)	0.077	=	0.077 + 0.000 + 0.000				
CB3(N+20.57)	C21-1	2C10X153					C18	0.000	C14	0.000
			C2(C)	0.074	=	0.074 + 0.000 + 0.000				
CB3(N+20.57)	C22-1	2C10X153					C18	0.000	C14	0.000
			C2(C)	0.077	=	0.077 + 0.000 + 0.000				
CB3(N+20.57)	C24-1	2C10X153					C18	0.000	C18	0.000
			C1(C)	0.053	=	0.053 + 0.000 + 0.000				
CB3(N+20.57)	C25-1	2C10X153					C18	0.000	C14	0.000
			C2(C)	0.247	=	0.203 + 0.000 + 0.044				
CB3(N+20.57)	C26-1	2C10X153					C18	0.000	C14	0.000
			C2(C)	0.208	=	0.205 + 0.000 + 0.002				
CB3(N+20.57)	C27-1	2C10X153					C18	0.000	C14	0.000
			C2(C)	0.218	=	0.218 + 0.000 + 0.000				
CB3(N+20.57)	C28-1	2C10X153					C18	0.000	C14	0.000
			C2(C)	0.202	=	0.201 + 0.000 + 0.001				
CB3(N+20.57)	C29-1	2C10X153					C18	0.000	C2	0.000
			C2(C)	0.293	=	0.239 + 0.000 + 0.055				
CB3(N+20.57)	C31-1	IPE360					C18	0.000	C18	0.000
			C14(C)	0.547	=	0.547 + 0.000 + 0.000				
CB3(N+20.57)	C32-1	IPE360					C18	0.000	C18	0.000
			C14(C)	0.354	=	0.354 + 0.000 + 0.000				



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 368 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	C33	TUB300X300X10.0MM	C14(C)	0.203 = 0.081 + 0.113 + 0.009	C14	0.021	C18	0.006
CB3(N+20.57)	C33-1	IPE360	C2(C)	0.290 = 0.290 + 0.000 + 0.000	C18	0.000	C18	0.000
CB3(N+20.57)	C33-2	TUB300X300X10.0MM	C14(C)	0.149 = 0.065 + 0.069 + 0.015	C14	0.009	C18	0.003
CB3(N+20.57)	C34-1	IPE360	C14(C)	0.347 = 0.347 + 0.000 + 0.000	C18	0.000	C18	0.000
CB3(N+20.57)	C35-1	IPE360	C2(C)	0.582 = 0.582 + 0.000 + 0.000	C18	0.000	C18	0.000
CB2(N+14.60)	C41-1	IPE300	C18(C)	0.020 = 0.020 + 0.000 + 0.000	C18	0.002	C14	0.000
CB2(N+14.60)	C42-1	IPE300	C14(C)	0.212 = 0.083 + 0.018 + 0.111	C18	0.001	C14	0.011
CB2(N+14.60)	C43-1	IPE300	C14(C)	0.178 = 0.080 + 0.019 + 0.079	C18	0.001	C14	0.008
CB2(N+14.60)	C44-1	IPE300	C14(C)	0.131 = 0.073 + 0.013 + 0.046	C18	0.005	C14	0.004
CB2(N+14.60)	C45-1	IPE300	C14(C)	0.072 = 0.071 + 0.000 + 0.000	C18	0.000	C14	0.001
CB2(N+14.60)	C46-1	IPE300	C14(C)	0.064 = 0.064 + 0.000 + 0.000	C18	0.000	C14	0.001
CB2(N+14.60)	C47-1	IPE300	C2(C)	0.092 = 0.092 + 0.000 + 0.000	C2	0.010	C14	0.001
CB2(N+14.60)	C48-1	IPE300	C14(C)	0.065 = 0.065 + 0.000 + 0.000	C18	0.000	C14	0.001
CB2(N+14.60)	C49-1	IPE300	C14(C)	0.073 = 0.072 + 0.000 + 0.000	C18	0.000	C14	0.002
CB2(N+14.60)	C50-1	IPE300	C14(C)	0.132 = 0.073 + 0.013 + 0.046	C18	0.005	C14	0.005
CB2(N+14.60)	C51-1	IPE300	C14(C)	0.179 = 0.081 + 0.019 + 0.079	C18	0.001	C14	0.008
CB2(N+14.60)	C52-1	IPE300	C14(C)	0.214 = 0.084 + 0.018 + 0.112	C18	0.001	C14	0.012
CB2(N+14.60)	C53-1	IPE300	C18(C)	0.023 = 0.023 + 0.000 + 0.000	C18	0.002	C14	0.000
CB1(N+11.30)	C82-1	IPE500	C14(C)	0.188 = 0.093 + 0.015 + 0.080	C2	0.007	C14	0.012
CB1(N+11.30)	C84-1	IPE500	C14(C)	0.192 = 0.094 + 0.014 + 0.084	C2	0.008	C14	0.012
CB1(N+11.30)	C86-1	IPE500	C2(C)	0.110 = 0.110 + 0.000 + 0.000	C2	0.013	C14	0.002
CB1(N+11.30)	C92-1	IPE500	C14(C)	0.353 = 0.200 + 0.013 + 0.139	C18	0.003	C14	0.023
CB1(N+11.30)	C94-1	IPE500	C14(C)	0.233 = 0.100 + 0.017 + 0.117	C2	0.007	C14	0.017
CB1(N+11.30)	C96-1	IPE500	C14(C)	0.087 = 0.041 + 0.010 + 0.036	C18	0.001	C14	0.005
CB1(N+11.30)	C98-1	IPE500	C14(C)	0.076 = 0.076 + 0.000 + 0.000	C14	0.000	C14	0.004
CB1(N+11.30)	C100-1	IPE500	C14(C)	0.071 = 0.071 + 0.000 + 0.000	C18	0.000	C14	0.002
CB1(N+11.30)	C102-1	IPE500	C14(C)	0.078 = 0.078 + 0.000 + 0.000	C18	0.000	C14	0.003
CB1(N+11.30)	C104-1	IPE500	C14(C)	0.083 = 0.083 + 0.000 + 0.000	C18	0.001	C14	0.005
CB1(N+11.30)	C106-1	IPE500	C14(C)	0.099 = 0.045 + 0.011 + 0.043	C18	0.001	C14	0.006
CB1(N+11.30)	C108-1	IPE500	C14(C)	0.244 = 0.097 + 0.017 + 0.130	C18	0.002	C14	0.018
CB2(N+14.60)	C110	IPE500	C14(C)	0.223 = 0.060 + 0.016 + 0.148	C18	0.014	C14	0.017
			C14(T)	0.231 = 0.085 + 0.030 + 0.115				
CB1(N+11.30)	C110-1	IPE500	C14(C)	0.128 = 0.026 + 0.011 + 0.091	C18	0.006	C14	0.013
CB3(N+20.57)	-2	TUB300X300X10.0MM	C14(C)	0.126 = 0.035 + 0.082 + 0.009	C14	0.009	C18	0.001
CB2(N+14.60)	C9	TUB300X300X10.0MM	C2(C)	0.106 = 0.106 + 0.000 + 0.000	C14	0.007	C18	0.001


	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 369 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	-4	TUB300X300X10.0MM	C14(C)	0.109	= 0.046 + 0.057 + 0.005	C14	0.006	C18	0.001
CB3(N+20.57)	-6	TUB300X300X10.0MM	C14(C)	0.186	= 0.041 + 0.131 + 0.014	C14	0.015	C14	0.002
CB3(N+20.57)	-7	IPE500	C2(C)	0.402	= 0.340 + 0.011 + 0.052	C2	0.012	C18	0.010
CB3(N+20.57)	C110-3	IPE500	C2(C)	0.520	= 0.466 + 0.005 + 0.049	C14	0.009	C14	0.013
CB3(N+20.57)	C110-4	IPE500	C2(C)	0.448	= 0.356 + 0.000 + 0.092	C14	0.003	C2	0.007
CB3(N+20.57)	C108-3	IPE500	C2(C)	0.723	= 0.438 + 0.011 + 0.274	C14	0.005	C2	0.021


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B E A M S T E E L S T R E S S C H E C K O U T P U T (AISC360-05/IBC2006)


STORY LEVEL	BEAM BAY	SECTION ID	/-----MOMENT INTERACTION CHECK-----//				----SHEAR22----		----SHEAR33----	
			COMBO	RATIO	=	AXL + B33 + B22	COMBO	RATIO	COMBO	RATIO
CB3(N+20.57)	B46	IPE360	C18(C)	0.440	=	0.019 + 0.411 + 0.010	C18	0.207	C14	0.001
CB3(N+20.57)	B51	IPE360	C14(C)	0.370	=	0.005 + 0.359 + 0.006	C14	0.185	C14	0.003
CB3(N+20.57)	B61	IPE500	C18(C)	0.732	=	0.000 + 0.000 + 0.732	C18	0.000	C18	0.167
CB2(N+14.60)	B61	IPE360	C2(T)	0.178	=	0.010 + 0.168 + 0.000	C2	0.059	C18	0.000
CB3(N+20.57)	B62	IPE500	C14(C)	0.747	=	0.383 + 0.024 + 0.340	C14	0.110	C2	0.067
CB3(N+20.57)	B67	IPE500	C2(C)	0.915	=	0.000 + 0.000 + 0.915	C18	0.000	C2	0.214
CB3(N+20.57)	B81	C6X8.2	C2(T)	0.152	=	0.011 + 0.137 + 0.003	C2	0.076	C18	0.000
CB3(N+20.57)	B82	CSUP	C2(C)	0.214	=	0.000 + 0.214 + 0.000	C2	0.027	C18	0.000
			C18(T)	0.000	=	0.000 + 0.000 + 0.000				
CB3(N+20.57)	B83	2C10X153	C2(C)	0.236	=	0.009 + 0.200 + 0.028	C2	0.043	C18	0.001
CB3(N+20.57)	B86	CSUP	C2(C)	0.278	=	0.000 + 0.278 + 0.000	C2	0.035	C18	0.000
			C18(T)	0.000	=	0.000 + 0.000 + 0.000				
CB3(N+20.57)	B87	2C10X153	C2(C)	0.284	=	0.007 + 0.243 + 0.033	C2	0.061	C14	0.000
CB3(N+20.57)	B90	CSUP	C2(C)	0.276	=	0.000 + 0.276 + 0.000	C2	0.035	C18	0.000
			C18(T)	0.000	=	0.000 + 0.000 + 0.000				
CB3(N+20.57)	B91	2C10X153	C2(C)	0.258	=	0.003 + 0.251 + 0.004	C2	0.060	C14	0.000
			C2(T)	0.265	=	0.012 + 0.251 + 0.002				
CB3(N+20.57)	B94	CSUP	C2(C)	0.278	=	0.000 + 0.278 + 0.000	C2	0.035	C18	0.000
			C18(T)	0.000	=	0.000 + 0.000 + 0.000				
CB3(N+20.57)	B95	2C10X153	C2(C)	0.284	=	0.005 + 0.243 + 0.036	C2	0.061	C14	0.001
			C2(T)	0.248	=	0.000 + 0.243 + 0.005				
CB3(N+20.57)	B98	CSUP	C2(C)	0.300	=	0.000 + 0.300 + 0.000	C2	0.037	C18	0.000
			C18(T)	0.000	=	0.000 + 0.000 + 0.000				
CB3(N+20.57)	B99	2C10X153	C2(C)	0.267	=	0.007 + 0.238 + 0.022	C2	0.053	C18	0.000
CB3(N+20.57)	B100	C6X8.2	C14(C)	0.669	=	0.063 + 0.603 + 0.003	C2	0.139	C18	0.000
			C2(T)	0.746	=	0.002 + 0.742 + 0.002				
CB3(N+20.57)	B109	C6X8.2	C2(T)	0.108	=	0.003 + 0.103 + 0.002	C2	0.068	C18	0.000
CB3(N+20.57)	B124	C6X8.2					C2	0.131	C18	0.000

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 370 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	B132	C6X8.2	C2(T)	0.704 = 0.004 + 0.700 + 0.000	C2	0.076	C18	0.000
CB3(N+20.57)	B133	CSUP	C2(C)	0.145 = 0.006 + 0.137 + 0.001	C2	0.025	C18	0.000
CB3(N+20.57)	B134	2C10X153	C2(C)	0.190 = 0.000 + 0.190 + 0.000	C2	0.037	C14	0.000
CB3(N+20.57)	B137	CSUP	C2(T)	0.201 = 0.029 + 0.166 + 0.005	C2	0.035	C18	0.000
CB3(N+20.57)	B138	2C10X153	C2(C)	0.288 = 0.000 + 0.288 + 0.000	C2	0.059	C14	0.000
CB3(N+20.57)	B141	CSUP	C2(T)	0.285 = 0.044 + 0.236 + 0.005	C2	0.036	C18	0.000
CB3(N+20.57)	B142	2C10X153	C2(C)	0.292 = 0.000 + 0.292 + 0.000	C2	0.052	C14	0.000
CB3(N+20.57)	B145	CSUP	C2(T)	0.280 = 0.055 + 0.222 + 0.002	C2	0.035	C18	0.000
CB3(N+20.57)	B146	2C10X153	C2(C)	0.288 = 0.000 + 0.288 + 0.000	C2	0.059	C14	0.000
CB3(N+20.57)	B149	CSUP	C2(T)	0.283 = 0.043 + 0.236 + 0.003	C2	0.033	C18	0.000
CB3(N+20.57)	B150	2C10X153	C2(C)	0.265 = 0.000 + 0.265 + 0.000	C2	0.047	C14	0.000
CB3(N+20.57)	B151	C6X8.2	C2(T)	0.240 = 0.034 + 0.202 + 0.005	C2	0.139	C18	0.000
CB3(N+20.57)	B160	IPE600	C2(C)	0.759 = 0.016 + 0.742 + 0.000	C2	0.028	C14	0.000
CB3(N+20.57)	B161	IPE600	C14(C)	0.493 = 0.000 + 0.491 + 0.001	C2	0.129	C18	0.000
CB3(N+20.57)	B161	IPE600	C2(T)	0.544 = 0.006 + 0.538 + 0.000	C2	0.129	C18	0.000
CB3(N+20.57)	B162	IPE600	C2(C)	0.661 = 0.000 + 0.661 + 0.000	C2	0.045	C14	0.000
CB3(N+20.57)	B162	IPE600	C18(T)	0.000 = 0.000 + 0.000 + 0.000	C2	0.045	C14	0.000
CB3(N+20.57)	B165	IPE600	C14(C)	0.831 = 0.039 + 0.791 + 0.001	C2	0.095	C18	0.000
CB3(N+20.57)	B165	IPE600	C2(T)	0.919 = 0.002 + 0.916 + 0.001	C2	0.095	C18	0.000
CB3(N+20.57)	B166	IPE600	C2(C)	0.463 = 0.000 + 0.463 + 0.000	C2	0.049	C14	0.004
CB3(N+20.57)	B166	IPE600	C18(T)	0.000 = 0.000 + 0.000 + 0.000	C2	0.049	C14	0.004
CB3(N+20.57)	B168	C6X8.2	C2(C)	0.238 = 0.002 + 0.234 + 0.003	C2	0.068	C18	0.000
CB3(N+20.57)	B168	C6X8.2	C2(T)	0.222 = 0.001 + 0.217 + 0.004	C2	0.068	C18	0.000
CB3(N+20.57)	B179	C6X8.2	C2(C)	0.110 = 0.005 + 0.103 + 0.002	C2	0.131	C18	0.000
CB3(N+20.57)	B182	IPE600	C2(C)	0.631 = 0.018 + 0.613 + 0.000	C2	0.074	C14	0.003
CB3(N+20.57)	B183	IPE600	C2(C)	0.376 = 0.001 + 0.372 + 0.004	C2	0.149	C18	0.000
CB3(N+20.57)	B183	IPE600	C2(T)	0.359 = 0.001 + 0.349 + 0.009	C2	0.149	C18	0.000
CB3(N+20.57)	B184	IPE600	C2(C)	0.768 = 0.000 + 0.768 + 0.000	C2	0.028	C14	0.000
CB3(N+20.57)	B184	IPE600	C18(T)	0.000 = 0.000 + 0.000 + 0.000	C2	0.028	C14	0.000
CB3(N+20.57)	B186	IPE600	C18(C)	0.559 = 0.073 + 0.484 + 0.001	C2	0.068	C18	0.000
CB3(N+20.57)	B186	IPE600	C2(T)	0.561 = 0.003 + 0.558 + 0.000	C2	0.068	C18	0.000
CB3(N+20.57)	B195	C6X8.2	C2(C)	0.338 = 0.000 + 0.338 + 0.000	C2	0.076	C18	0.000
CB3(N+20.57)	B195	C6X8.2	C18(T)	0.000 = 0.000 + 0.000 + 0.000	C2	0.076	C18	0.000
CB3(N+20.57)	B196	CSUP	C18(C)	0.121 = 0.005 + 0.112 + 0.004	C2	0.030	C18	0.000
CB3(N+20.57)	B196	CSUP	C2(T)	0.140 = 0.000 + 0.137 + 0.002	C2	0.030	C18	0.000
CB3(N+20.57)	B197	2C10X153	C2(C)	0.305 = 0.000 + 0.305 + 0.000	C2	0.046	C14	0.000
CB3(N+20.57)	B200	CSUP	C2(T)	0.220 = 0.020 + 0.189 + 0.012	C2	0.052	C18	0.000
CB3(N+20.57)	B201	2C10X153	C2(C)	0.705 = 0.000 + 0.705 + 0.000	C2	0.077	C14	0.000
CB3(N+20.57)	B204	CSUP	C2(T)	0.447 = 0.045 + 0.395 + 0.008	C2	0.055	C18	0.000
CB3(N+20.57)	B204	CSUP	C2(C)	0.777 = 0.000 + 0.777 + 0.000	C2	0.055	C18	0.000

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 371 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB3(N+20.57)	B205	2C10X153	C2(T)	0.283 = 0.058 + 0.224 + 0.000	C2	0.052	C14	0.000
CB3(N+20.57)	B208	CSUP	C2(C)	0.715 = 0.000 + 0.715 + 0.000	C2	0.052	C18	0.000
CB3(N+20.57)	B209	2C10X153	C2(T)	0.453 = 0.046 + 0.399 + 0.008	C2	0.078	C14	0.000
CB3(N+20.57)	B212	CSUP	C2(C)	0.398 = 0.000 + 0.398 + 0.000	C2	0.039	C18	0.000
CB3(N+20.57)	B213	2C10X153	C2(T)	0.261 = 0.029 + 0.225 + 0.007	C2	0.056	C14	0.000
CB3(N+20.57)	B214	C6X8.2	C2(C)	0.746 = 0.003 + 0.742 + 0.001	C2	0.139	C18	0.000
			C1(T)	0.433 = 0.000 + 0.432 + 0.000				
CB3(N+20.57)	B223	C6X8.2	C2(T)	0.108 = 0.003 + 0.103 + 0.002	C2	0.068	C18	0.000
CB3(N+20.57)	B238	C6X8.2	C14(C)	0.506 = 0.006 + 0.498 + 0.002	C2	0.131	C14	0.000
			C2(T)	0.616 = 0.002 + 0.613 + 0.001				
CB3(N+20.57)	B246	C6X8.2	C14(C)	0.132 = 0.013 + 0.112 + 0.008	C2	0.076	C14	0.001
			C2(T)	0.143 = 0.003 + 0.137 + 0.002				
CB3(N+20.57)	B247	CSUP	C2(C)	0.303 = 0.000 + 0.303 + 0.000	C2	0.032	C18	0.000
			C18(T)	0.000 = 0.000 + 0.000 + 0.000				
CB3(N+20.57)	B248	2C10X153	C14(C)	0.223 = 0.043 + 0.154 + 0.026	C2	0.050	C14	0.001
CB3(N+20.57)	B251	CSUP	C2(C)	0.704 = 0.000 + 0.704 + 0.000	C2	0.053	C18	0.000
			C18(T)	0.000 = 0.000 + 0.000 + 0.000				
CB3(N+20.57)	B252	2C10X153	C2(C)	0.213 = 0.001 + 0.182 + 0.030	C2	0.081	C14	0.000
			C2(T)	0.405 = 0.001 + 0.393 + 0.012				
CB3(N+20.57)	B255	CSUP	C2(C)	0.776 = 0.000 + 0.776 + 0.000	C2	0.056	C18	0.000
			C18(T)	0.000 = 0.000 + 0.000 + 0.000				
CB3(N+20.57)	B256	2C10X153	C2(C)	0.262 = 0.000 + 0.261 + 0.001	C2	0.060	C14	0.000
			C2(T)	0.277 = 0.016 + 0.261 + 0.000				
CB3(N+20.57)	B259	CSUP	C2(C)	0.714 = 0.000 + 0.714 + 0.000	C2	0.054	C18	0.000
			C18(T)	0.000 = 0.000 + 0.000 + 0.000				
CB3(N+20.57)	B260	2C10X153	C2(C)	0.214 = 0.001 + 0.181 + 0.032	C2	0.082	C2	0.000
			C2(T)	0.412 = 0.003 + 0.397 + 0.011				
CB3(N+20.57)	B263	CSUP	C2(C)	0.395 = 0.000 + 0.395 + 0.000	C2	0.042	C18	0.000
			C18(T)	0.000 = 0.000 + 0.000 + 0.000				
CB3(N+20.57)	B264	2C10X153	C2(C)	0.249 = 0.025 + 0.222 + 0.001	C2	0.061	C14	0.001
CB3(N+20.57)	B265	C6X8.2	C14(C)	0.792 = 0.253 + 0.536 + 0.002	C2	0.139	C14	0.000
CB2(N+14.60)	B279	IPE400	C14(C)	0.291 = 0.000 + 0.291 + 0.000	C2	0.124	C18	0.000
CB3(N+20.57)	B281	IPE360	C2(C)	0.287 = 0.000 + 0.000 + 0.287	C18	0.000	C2	0.161
CB3(N+20.57)	B282	IPE360	C14(C)	0.701 = 0.576 + 0.028 + 0.096	C14	0.008	C14	0.071
			C14(T)	0.426 = 0.200 + 0.012 + 0.214				
CB2(N+14.60)	B284	IPE400	C14(C)	0.290 = 0.000 + 0.290 + 0.000	C2	0.124	C18	0.000
CB2(N+14.60)	B318	IPE500	C2(C)	0.292 = 0.000 + 0.292 + 0.000	C2	0.070	C18	0.000
			C18(T)	0.000 = 0.000 + 0.000 + 0.000				
CB2(N+14.60)	B319	IPE500	C2(C)	0.348 = 0.000 + 0.348 + 0.000	C2	0.080	C18	0.000
			C18(T)	0.000 = 0.000 + 0.000 + 0.000				
CB2(N+14.60)	B320	IPE500	C2(C)	0.292 = 0.000 + 0.292 + 0.000	C2	0.070	C18	0.000
			C18(T)	0.000 = 0.000 + 0.000 + 0.000				

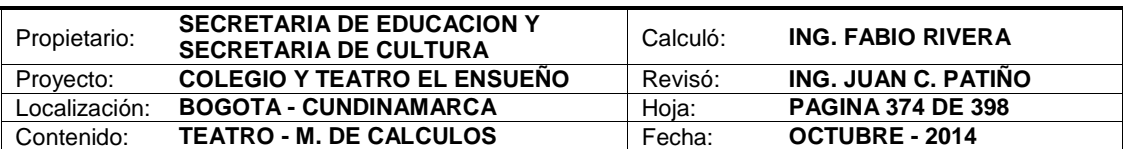
	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 372 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	B363	IPE300	C14(C)	0.147 = 0.000 + 0.000 + 0.147	C18	0.000	C2	0.013
CB2(N+14.60)	B364	IPE300	C14(C)	0.748 = 0.607 + 0.037 + 0.105	C18	0.014	C14	0.007
CB2(N+14.60)	B365	IPE300	C14(C)	0.071 = 0.000 + 0.000 + 0.071	C18	0.000	C2	0.010
CB2(N+14.60)	B366	IPE300	C14(C)	0.418 = 0.355 + 0.017 + 0.046	C18	0.010	C14	0.004
CB2(N+14.60)	B367	IPE300	C14(C)	0.068 = 0.000 + 0.000 + 0.068	C18	0.000	C2	0.010
CB2(N+14.60)	B368	IPE300	C14(C)	0.112 = 0.055 + 0.016 + 0.041	C18	0.009	C14	0.004
CB2(N+14.60)	B369	IPE300	C14(C)	0.028 = 0.000 + 0.000 + 0.028	C18	0.000	C2	0.007
CB2(N+14.60)	B370	IPE300	C14(T)	0.229 = 0.202 + 0.012 + 0.015	C18	0.005	C14	0.002
CB2(N+14.60)	B371	IPE300	C14(C)	0.029 = 0.000 + 0.000 + 0.029	C18	0.000	C2	0.008
CB2(N+14.60)	B372	IPE300	C14(T)	0.278 = 0.256 + 0.009 + 0.013	C18	0.004	C14	0.001
CB2(N+14.60)	B373	IPE300	C2(C)	0.028 = 0.000 + 0.000 + 0.028	C18	0.000	C2	0.007
CB2(N+14.60)	B374	IPE300	C2(T)	0.328 = 0.310 + 0.008 + 0.009	C18	0.003	C14	0.001
CB2(N+14.60)	B375	IPE300	C2(C)	0.028 = 0.000 + 0.000 + 0.028	C18	0.000	C2	0.007
CB2(N+14.60)	B376	IPE300	C2(T)	0.327 = 0.309 + 0.008 + 0.009	C18	0.003	C14	0.001
CB2(N+14.60)	B377	IPE300	C14(C)	0.029 = 0.000 + 0.000 + 0.029	C18	0.000	C2	0.008
CB2(N+14.60)	B378	IPE300	C14(T)	0.276 = 0.254 + 0.009 + 0.013	C18	0.004	C14	0.001
CB2(N+14.60)	B379	IPE300	C14(C)	0.029 = 0.000 + 0.000 + 0.029	C18	0.000	C2	0.007
CB2(N+14.60)	B380	IPE300	C14(T)	0.130 = 0.099 + 0.013 + 0.018	C18	0.005	C14	0.002
CB2(N+14.60)	B381	IPE300	C14(C)	0.069 = 0.000 + 0.000 + 0.069	C18	0.000	C2	0.010
CB2(N+14.60)	B382	IPE300	C14(C)	0.116 = 0.058 + 0.016 + 0.042	C18	0.009	C14	0.004
CB2(N+14.60)	B383	IPE300	C14(C)	0.072 = 0.000 + 0.000 + 0.072	C18	0.000	C2	0.010
CB2(N+14.60)	B384	IPE300	C14(C)	0.426 = 0.362 + 0.017 + 0.047	C18	0.010	C14	0.004
CB2(N+14.60)	B385	IPE300	C14(C)	0.149 = 0.000 + 0.000 + 0.149	C18	0.000	C2	0.013
CB2(N+14.60)	B386	IPE300	C14(C)	0.758 = 0.616 + 0.037 + 0.106	C18	0.015	C14	0.007
CB2(N+14.60)	B407	IPE400	C2(C)	0.249 = 0.000 + 0.249 + 0.000	C2	0.073	C18	0.000
			C2(T)	0.177 = 0.000 + 0.177 + 0.000				
CB2(N+14.60)	B408	IPE400	C2(C)	0.248 = 0.000 + 0.248 + 0.000	C2	0.073	C18	0.000
			C18(T)	0.000 = 0.000 + 0.000 + 0.000				
CB2(N+14.60)	B409	IPE400	C2(C)	0.249 = 0.000 + 0.249 + 0.000	C2	0.073	C18	0.000
			C18(T)	0.000 = 0.000 + 0.000 + 0.000				
CB3(N+20.57)	B104	IPE500	C2(C)	0.266 = 0.000 + 0.000 + 0.266	C18	0.000	C2	0.025
			C14	0.026	C14	0.000		
CB2(N+14.60)	B104	IPE360	C14(T)	0.307 = 0.006 + 0.296 + 0.005	C18	0.000	C2	0.024
CB3(N+20.57)	B190	IPE500	C2(C)	0.249 = 0.000 + 0.000 + 0.249	C18	0.000	C2	0.024
			C14	0.021	C14	0.000		
CB2(N+14.60)	B190	IPE360	C14(T)	0.260 = 0.005 + 0.251 + 0.004	C18	0.019	C14	0.019
CB1(N+11.30)	B529	IPE500	C14(C)	0.867 = 0.640 + 0.038 + 0.189	C18	0.016	C14	0.011
CB1(N+11.30)	B530	IPE500	C14(C)	0.522 = 0.429 + 0.016 + 0.076				



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 373 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB1(N+11.30)	B531	IPE500	C14(C)	0.300 = 0.219 + 0.014 + 0.067	C18	0.011	C14	0.012
CB1(N+11.30)	B532	IPE500	C14(C)	0.348 = 0.262 + 0.009 + 0.078	C18	0.012	C14	0.012
CB1(N+11.30)	B533	IPE500	C14(C)	0.560 = 0.463 + 0.016 + 0.081	C18	0.011	C14	0.010
CB1(N+11.30)	B534	IPE500	C14(C)	0.642 = 0.507 + 0.024 + 0.110	C18	0.012	C14	0.010
CB1(N+11.30)	B535	IPE500	C14(C)	0.243 = 0.000 + 0.000 + 0.243	C18	0.000	C14	0.023
CB1(N+11.30)	B536	IPE500	C14(C)	0.079 = 0.000 + 0.000 + 0.079	C18	0.000	C14	0.010
CB1(N+11.30)	B537	IPE500	C14(C)	0.076 = 0.000 + 0.000 + 0.076	C18	0.000	C14	0.011
CB1(N+11.30)	B538	IPE500	C14(C)	0.082 = 0.000 + 0.000 + 0.082	C18	0.000	C2	0.015
CB1(N+11.30)	B539	IPE500	C14(C)	0.143 = 0.000 + 0.000 + 0.143	C18	0.000	C14	0.019
CB2(N+14.60)	B540	IPE500	C14(T)	0.153 = 0.013 + 0.002 + 0.137	C18	0.011	C14	0.012
CB1(N+11.30)	B540	IPE500	C14(C)	0.096 = 0.000 + 0.000 + 0.096	C18	0.000	C14	0.009
CB1(N+11.30)	B545	IPE500	C2(C)	0.023 = 0.000 + 0.000 + 0.023	C18	0.000	C2	0.007
CB1(N+11.30)	B546	IPE500	C14(C)	0.031 = 0.000 + 0.000 + 0.031	C18	0.000	C2	0.009
CB1(N+11.30)	B547	IPE500	C2(C)	0.024 = 0.000 + 0.000 + 0.024	C18	0.000	C2	0.008
CB1(N+11.30)	B548	IPE500	C2(C)	0.027 = 0.000 + 0.000 + 0.027	C18	0.000	C2	0.008
CB1(N+11.30)	B549	IPE500	C2(C)	0.028 = 0.000 + 0.000 + 0.028	C18	0.000	C2	0.008
CB1(N+11.30)	B550	IPE500	C14(C)	0.025 = 0.000 + 0.000 + 0.025	C18	0.000	C2	0.008
CB1(N+11.30)	B551	IPE500	C14(C)	0.035 = 0.000 + 0.000 + 0.035	C18	0.000	C2	0.009
CB1(N+11.30)	B552	IPE500	C14(C)	0.028 = 0.000 + 0.000 + 0.028	C18	0.000	C2	0.008
CB1(N+11.30)	B555	IPE500	C14(T)	0.131 = 0.084 + 0.012 + 0.035	C18	0.005	C14	0.004
CB1(N+11.30)	B556	IPE500	C14(T)	0.238 = 0.209 + 0.007 + 0.022	C18	0.003	C14	0.003
CB1(N+11.30)	B557	IPE500	C14(T)	0.271 = 0.243 + 0.007 + 0.021	C18	0.003	C14	0.003
CB1(N+11.30)	B558	IPE500	C2(T)	0.324 = 0.298 + 0.009 + 0.017	C14	0.004	C14	0.002
CB1(N+11.30)	B559	IPE500	C2(T)	0.320 = 0.290 + 0.011 + 0.019	C18	0.005	C14	0.002
CB1(N+11.30)	B560	IPE500	C14(T)	0.269 = 0.238 + 0.008 + 0.023	C18	0.005	C14	0.003
CB1(N+11.30)	B561	IPE500	C14(T)	0.134 = 0.099 + 0.008 + 0.027	C18	0.005	C14	0.004
CB1(N+11.30)	B562	IPE500	C14(T)	0.124 = 0.076 + 0.011 + 0.036	C18	0.006	C14	0.005
CB1(N+11.30)	B582	IPE270	C2(C)	0.128 = 0.000 + 0.128 + 0.000	C2	0.075	C18	0.000
CB3(N+20.57)	B589	IPE500	C14(T)	0.199 = 0.098 + 0.032 + 0.068	C14	0.008	C2	0.013
CB3(N+20.57)	B590	IPE500	C14(C)	0.168 = 0.049 + 0.021 + 0.098	C14	0.008	C2	0.013
			C14(T)	0.196 = 0.091 + 0.031 + 0.074				
CB3(N+20.57)	B591	IPE500	C14(C)	0.174 = 0.056 + 0.005 + 0.112	C18	0.002	C2	0.029
CB3(N+20.57)	B592	IPE500	C14(C)	0.365 = 0.097 + 0.017 + 0.251	C14	0.027	C2	0.060
CB2(N+14.60)	B593	IPE500	C14(T)	0.126 = 0.015 + 0.011 + 0.100	C18	0.006	C14	0.013
CB3(N+20.57)	B594	IPE500	C14(T)	0.138 = 0.028 + 0.013 + 0.097	C14	0.006	C2	0.013

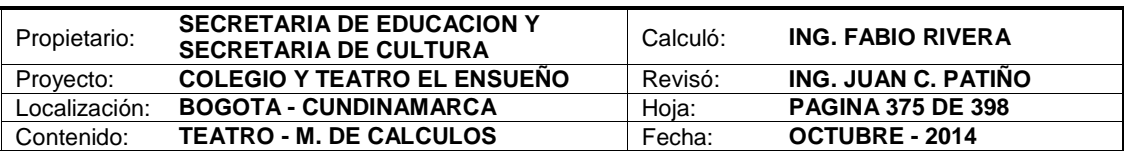


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B R A C E   S T E E L   S T R E S S   C H E C K   O U T P U T   (AISC360-05/IBC2006)

STORY LEVEL	BRACE BAY	SECTION ID	MOMENT INTERACTION CHECK				SHEAR22		SHEAR33	
			COMBO	RATIO	=	AXL + B33 + B22	COMBO	RATIO	COMBO	RATIO
CB3(N+20.57)	D1	IPE500	C14(T)	0.497	=	0.358 + 0.023 + 0.116	C14	0.003	C18	0.006
CB3(N+20.57)	D2	IPE500	C14(T)	0.116	=	0.084 + 0.005 + 0.027	C14	0.002	C14	0.003
CB3(N+20.57)	D3	IPE500	C14(T)	0.232	=	0.203 + 0.006 + 0.024	C14	0.002	C14	0.003
CB3(N+20.57)	D4	IPE500	C14(T)	0.503	=	0.392 + 0.017 + 0.094	C14	0.003	C18	0.005
CB3(N+20.57)	D5	2C10X153	C18(T)	0.304	=	0.261 + 0.000 + 0.043	C1	0.002	C14	0.000
CB3(N+20.57)	D6	2C10X153	C2(T)	0.524	=	0.480 + 0.000 + 0.044	C1	0.002	C14	0.000
CB3(N+20.57)	D7	2C10X153	C2(T)	0.482	=	0.475 + 0.006 + 0.001	C1	0.002	C14	0.000
CB3(N+20.57)	D8	2C10X153	C2(T)	0.534	=	0.488 + 0.000 + 0.046	C1	0.002	C14	0.000
CB3(N+20.57)	D9	2C10X153	C2(T)	0.472	=	0.388 + 0.000 + 0.084	C1	0.002	C14	0.000
CB3(N+20.57)	D10	2C10X153	C18(C) C18(T)	0.065 0.044	=	0.065 + 0.000 + 0.000 0.032 + 0.000 + 0.012			C18	0.000
CB3(N+20.57)	D11	2C10X153	C18(T)	0.084	=	0.075 + 0.007 + 0.003	C1	0.002	C14	0.000
CB3(N+20.57)	D12	2C10X153	C2(T)	0.078	=	0.071 + 0.007 + 0.000	C1	0.002	C14	0.000
CB3(N+20.57)	D13	2C10X153	C18(T)	0.087	=	0.078 + 0.007 + 0.002	C1	0.002	C14	0.000
CB3(N+20.57)	D14	2C10X153	C18(T)	0.070	=	0.061 + 0.007 + 0.003	C1	0.002	C14	0.000
CB3(N+20.57)	D15	2C10X153	C18(T)	0.232	=	0.214 + 0.000 + 0.018	C1	0.002	C2	0.000
CB3(N+20.57)	D16	2C10X153	C18(T)	0.060	=	0.052 + 0.007 + 0.001	C1	0.002	C14	0.000
CB3(N+20.57)	D17	2C10X153	C2(T)	0.059	=	0.052 + 0.007 + 0.000	C1	0.002	C14	0.000
CB3(N+20.57)	D18	2C10X153	C18(T)	0.056	=	0.048 + 0.007 + 0.001	C1	0.002	C18	0.000
CB3(N+20.57)	D19	2C10X153	C18(T)	0.235	=	0.223 + 0.000 + 0.012	C1	0.002	C14	0.000
CB3(N+20.57)	D20	2C10X153	C2(T)	0.747	=	0.455 + 0.000 + 0.292	C1	0.002	C2	0.001
CB3(N+20.57)	D21	2C10X153	C2(T)	0.519	=	0.510 + 0.000 + 0.009	C1	0.002	C14	0.000
CB3(N+20.57)	D22	2C10X153	C2(T)	0.512	=	0.506 + 0.006 + 0.000	C1	0.002	C14	0.000
CB3(N+20.57)	D23	2C10X153	C2(T)	0.510	=	0.503 + 0.006 + 0.001	C1	0.002	C14	0.000
CB3(N+20.57)	D24	2C10X153	C2(T)	0.846	=	0.539 + 0.000 + 0.308	C1	0.002	C2	0.001
CB3(N+20.57)	D25	IPE360	C2(T)	0.479	=	0.477 + 0.000 + 0.002	C18	0.000	C1	0.000
CB3(N+20.57)	D26	IPE360	C14(T)	0.619	=	0.601 + 0.000 + 0.018	C18	0.000	C1	0.002
CB3(N+20.57)	D27	IPE360	C14(C) C18(T)	0.221 0.064	=	0.202 + 0.000 + 0.018 0.044 + 0.000 + 0.021	C18	0.000	C1	0.002
CB3(N+20.57)	D28	IPE360					C18	0.000	C1	0.002







			C14(C)	0.227	= 0.209 + 0.000 + 0.018				
			C18(T)	0.063	= 0.043 + 0.000 + 0.021				
CB3(N+20.57)	D29	IPE360				C18	0.000	C1	0.002
			C14(T)	0.609	= 0.591 + 0.000 + 0.018				
CB3(N+20.57)	D30	IPE360				C18	0.000	C1	0.000
			C2(T)	0.509	= 0.507 + 0.000 + 0.002				
CB2(N+14.60)	D31	IPE300				C18	0.002	C14	0.003
			C14(T)	0.335	= 0.252 + 0.017 + 0.066				
CB2(N+14.60)	D32	IPE300				C18	0.001	C1	0.001
			C14(T)	0.282	= 0.246 + 0.027 + 0.009				
CB2(N+14.60)	D33	IPE300				C18	0.003	C1	0.001
			C14(T)	0.268	= 0.234 + 0.029 + 0.005				
CB2(N+14.60)	D34	IPE300				C18	0.002	C1	0.001
			C18(T)	0.092	= 0.050 + 0.030 + 0.012				
CB2(N+14.60)	D35	IPE300				C18	0.003	C1	0.001
			C18(T)	0.078	= 0.044 + 0.025 + 0.009				
CB2(N+14.60)	D36	IPE300				C18	0.004	C1	0.002
			C14(T)	0.070	= 0.044 + 0.011 + 0.014				
CB2(N+14.60)	D37	IPE300				C18	0.004	C1	0.002
			C14(T)	0.070	= 0.045 + 0.011 + 0.014				
CB2(N+14.60)	D38	IPE300				C18	0.003	C1	0.001
			C18(T)	0.078	= 0.045 + 0.024 + 0.009				
CB2(N+14.60)	D39	IPE300				C18	0.002	C1	0.001
			C18(T)	0.092	= 0.050 + 0.030 + 0.012				
CB2(N+14.60)	D40	IPE300				C18	0.003	C1	0.001
			C14(T)	0.270	= 0.236 + 0.029 + 0.005				
CB2(N+14.60)	D41	IPE300				C18	0.001	C1	0.001
			C14(T)	0.284	= 0.247 + 0.027 + 0.009				
CB2(N+14.60)	D42	IPE300				C18	0.002	C14	0.003
			C14(T)	0.337	= 0.254 + 0.016 + 0.067				
CB1(N+11.30)	D54	IPE500				C18	0.002	C14	0.005
			C14(T)	0.369	= 0.264 + 0.021 + 0.083				
CB1(N+11.30)	D55	IPE500				C2	0.002	C2	0.003
			C14(T)	0.325	= 0.273 + 0.021 + 0.032				
CB1(N+11.30)	D56	IPE500				C18	0.001	C2	0.002
			C14(T)	0.288	= 0.251 + 0.017 + 0.020				
CB1(N+11.30)	D57	IPE500				C18	0.002	C2	0.002
			C14(T)	0.095	= 0.059 + 0.013 + 0.023				
CB1(N+11.30)	D58	IPE500				C18	0.002	C2	0.002
			C14(T)	0.082	= 0.055 + 0.014 + 0.013				
CB1(N+11.30)	D59	IPE500				C18	0.002	C2	0.002
			C14(T)	0.077	= 0.051 + 0.011 + 0.015				
CB1(N+11.30)	D63	IPE500				C18	0.003	C2	0.002
			C14(T)	0.074	= 0.048 + 0.007 + 0.020				
CB1(N+11.30)	D64	IPE500				C18	0.003	C2	0.002
			C14(T)	0.082	= 0.053 + 0.009 + 0.020				
CB1(N+11.30)	D65	IPE500				C18	0.002	C2	0.002
			C14(T)	0.086	= 0.057 + 0.014 + 0.015				
CB1(N+11.30)	D66	IPE500				C18	0.002	C2	0.002
			C14(T)	0.090	= 0.060 + 0.017 + 0.013				
CB1(N+11.30)	D67	IPE500				C18	0.002	C2	0.002
			C14(T)	0.099	= 0.064 + 0.014 + 0.020				
CB1(N+11.30)	D68	IPE500				C18	0.002	C2	0.003
			C14(T)	0.296	= 0.256 + 0.022 + 0.018				
CB1(N+11.30)	D69	IPE500				C18	0.004	C14	0.002
			C14(T)	0.316	= 0.261 + 0.025 + 0.030				
CB1(N+11.30)	D70	IPE500				C18	0.002	C14	0.002
			C14(T)	0.094	= 0.036 + 0.014 + 0.044				
CB3(N+20.57)	D71	IPE500				C18	0.006	C14	0.002
			C2(T)	0.544	= 0.507 + 0.012 + 0.026				
CB3(N+20.57)	D72	IPE500				C18	0.026	C18	0.004
			C14(T)	0.406	= 0.291 + 0.078 + 0.038				
CB3(N+20.57)	D83	IPE500				C14	0.022	C2	0.012
			C2(T)	0.466	= 0.257 + 0.013 + 0.196				
CB3(N+20.57)	D84	IPE500				C18	0.001	C2	0.006
			C2(T)	0.431	= 0.357 + 0.002 + 0.071				
CB3(N+20.57)	D85	IPE500				C18	0.005	C14	0.002
			C14(T)	0.125	= 0.087 + 0.014 + 0.024				
CB3(N+20.57)	D86	IPE500				C18	0.005	C14	0.003

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 376 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

CB2(N+14.60)	D87	IPE500	C14(C)	0.295	= 0.257 + 0.005 + 0.033	C18	0.003	C14	0.003
CB2(N+14.60)	D88	IPE500	C14(T)	0.118	= 0.081 + 0.011 + 0.027	C18	0.003	C14	0.003
			C14(C)	0.279	= 0.235 + 0.011 + 0.032				

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 377 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

## **ANEXO 7. REACCIONES DE CIMENTACION**

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 378 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

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L O A D I N G C O M B I N A T I O N S

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
CIM1	ADD	DEAD	Static	1.0000
CIM2	ADD	DEAD	Static	1.0000
		LIVE	Static	1.0000
CIM3	ADD	DEAD	Static	1.0000
		SISMOX	Spectra	0.2330
		SISMOY	Spectra	0.0700
CIM4	ADD	DEAD	Static	1.0000
		SISMOX	Spectra	0.0700
		SISMOY	Spectra	0.2330
CIM5	ADD	DEAD	Static	1.0000
		LIVE	Static	0.7500
		SISMOX	Spectra	0.1750
		SISMOY	Spectra	0.0530
CIM6	ADD	DEAD	Static	1.0000
		LIVE	Static	0.7500
		SISMOX	Spectra	0.0530
		SISMOY	Spectra	0.1750
CIM7	ADD	DEAD	Static	0.6000
		SISMOX	Spectra	0.2330
		SISMOY	Spectra	0.0700
CIM8	ADD	DEAD	Static	0.6000
		SISMOX	Spectra	0.0700
		SISMOY	Spectra	0.2330
ENVCIM	ENVE	CIM1	Combo	1.0000
		CIM2	Combo	1.0000
		CIM3	Combo	1.0000
		CIM4	Combo	1.0000
		CIM5	Combo	1.0000
		CIM6	Combo	1.0000
		CIM7	Combo	1.0000
		CIM8	Combo	1.0000

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S U P P O R T R E A C T I O N S

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
SOT1(N-4.09	189	CIM1	-21.96	0.15	37.15	-0.122	0.751	0.027
SOT1(N-4.09	189	CIM2	-25.12	0.16	42.11	-0.121	0.914	0.035
SOT1(N-4.09	189	CIM3 Max	-5.68	1.46	79.78	1.039	3.577	0.376
SOT1(N-4.09	189	CIM3 Min	-38.24	-1.16	-5.47	-1.284	-2.076	-0.322
SOT1(N-4.09	189	CIM4 Max	-11.35	1.45	60.90	0.900	3.112	0.681
SOT1(N-4.09	189	CIM4 Min	-32.57	-1.15	13.41	-1.144	-1.611	-0.628
SOT1(N-4.09	189	CIM5 Max	-12.09	1.14	72.91	0.753	2.999	0.297
SOT1(N-4.09	189	CIM5 Min	-36.57	-0.83	8.84	-0.995	-1.252	-0.230
SOT1(N-4.09	189	CIM6 Max	-16.34	1.13	58.78	0.648	2.651	0.525
SOT1(N-4.09	189	CIM6 Min	-32.32	-0.82	22.97	-0.891	-0.905	-0.459
SOT1(N-4.09	189	CIM7 Max	3.10	1.40	64.92	1.088	3.277	0.365
SOT1(N-4.09	189	CIM7 Min	-29.46	-1.22	-20.33	-1.235	-2.376	-0.333
SOT1(N-4.09	189	CIM8 Max	-2.57	1.39	46.04	0.949	2.812	0.671
SOT1(N-4.09	189	CIM8 Min	-23.79	-1.21	-1.45	-1.096	-1.911	-0.638
SOT1(N-4.09	189	ENVCIM Max	3.10	1.46	79.78	1.088	3.577	0.681
SOT1(N-4.09	189	ENVCIM Min	-38.24	-1.22	-20.33	-1.284	-2.376	-0.638
SOT1(N-4.09	209	CIM1	26.42	-0.22	43.97	0.421	-0.716	-0.049
SOT1(N-4.09	209	CIM2	30.58	-0.33	50.64	0.593	-0.878	-0.069
SOT1(N-4.09	209	CIM3 Max	41.32	0.84	84.45	1.951	1.896	0.632
SOT1(N-4.09	209	CIM3 Min	11.52	-1.28	3.49	-1.109	-3.327	-0.729
SOT1(N-4.09	209	CIM4 Max	37.37	0.81	69.48	1.933	0.815	0.874
SOT1(N-4.09	209	CIM4 Min	15.47	-1.25	18.47	-1.092	-2.247	-0.972
SOT1(N-4.09	209	CIM5 Max	40.74	0.50	79.40	1.701	1.126	0.449



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 379 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 209	CIM5 Min	18.34	-1.10	18.54	-0.602	-2.800	-0.576
SOT1(N-4.09 209	CIM6 Max	37.79	0.48	68.19	1.688	0.317	0.630
SOT1(N-4.09 209	CIM6 Min	21.29	-1.08	29.75	-0.589	-1.991	-0.758
SOT1(N-4.09 209	CIM7 Max	30.75	0.92	66.86	1.783	2.182	0.651
SOT1(N-4.09 209	CIM7 Min	0.95	-1.19	-14.10	-1.278	-3.041	-0.710
SOT1(N-4.09 209	CIM8 Max	26.80	0.90	51.89	1.765	1.102	0.894
SOT1(N-4.09 209	CIM8 Min	4.90	-1.16	0.88	-1.260	-1.961	-0.952
SOT1(N-4.09 209	ENVCIM Max	41.32	0.92	84.45	1.951	2.182	0.894
SOT1(N-4.09 209	ENVCIM Min	0.95	-1.28	-14.10	-1.278	-3.327	-0.972
SOT1(N-4.09 172	CIM1	-0.05	11.27	137.81	1.635	-0.111	0.039
SOT1(N-4.09 172	CIM2	-0.07	10.19	162.73	3.488	-0.119	0.038
SOT1(N-4.09 172	CIM3 Max	1.09	73.83	239.67	16.974	3.854	1.345
SOT1(N-4.09 172	CIM3 Min	-1.18	-51.28	35.96	-13.703	-4.076	-1.267
SOT1(N-4.09 172	CIM4 Max	0.80	97.24	217.43	14.506	2.038	0.602
SOT1(N-4.09 172	CIM4 Min	-0.89	-74.69	58.20	-11.235	-2.261	-0.524
SOT1(N-4.09 172	CIM5 Max	0.79	57.58	233.10	14.562	2.863	1.020
SOT1(N-4.09 172	CIM5 Min	-0.92	-36.66	79.90	-8.512	-3.097	-0.943
SOT1(N-4.09 172	CIM6 Max	0.57	75.10	216.45	12.715	1.504	0.464
SOT1(N-4.09 172	CIM6 Min	-0.70	-54.18	96.55	-6.665	-1.738	-0.387
SOT1(N-4.09 172	CIM7 Max	1.11	69.32	184.54	16.320	3.898	1.330
SOT1(N-4.09 172	CIM7 Min	-1.17	-55.79	-19.17	-14.358	-4.032	-1.283
SOT1(N-4.09 172	CIM8 Max	0.82	92.73	162.30	13.852	2.083	0.587
SOT1(N-4.09 172	CIM8 Min	-0.87	-79.20	3.08	-11.889	-2.216	-0.540
SOT1(N-4.09 172	ENVCIM Max	1.11	97.24	239.67	16.974	3.898	1.345
SOT1(N-4.09 172	ENVCIM Min	-1.18	-79.20	-19.17	-14.358	-4.076	-1.283
SOT1(N-4.09 173	CIM1	-0.06	20.69	66.33	4.461	-0.193	0.040
SOT1(N-4.09 173	CIM2	-0.09	22.15	74.51	6.161	-0.223	0.039
SOT1(N-4.09 173	CIM3 Max	0.98	60.73	166.48	9.320	3.273	1.385
SOT1(N-4.09 173	CIM3 Min	-1.10	-19.35	-33.83	-0.398	-3.658	-1.305
SOT1(N-4.09 173	CIM4 Max	0.69	52.87	160.10	7.988	1.657	0.620
SOT1(N-4.09 173	CIM4 Min	-0.81	-11.49	-27.45	0.934	-2.042	-0.540
SOT1(N-4.09 173	CIM5 Max	0.70	51.90	147.82	9.390	2.389	1.050
SOT1(N-4.09 173	CIM5 Min	-0.86	-8.33	-2.88	2.082	-2.820	-0.971
SOT1(N-4.09 173	CIM6 Max	0.49	46.01	143.04	8.393	1.179	0.478
SOT1(N-4.09 173	CIM6 Min	-0.65	-2.45	1.89	3.080	-1.611	-0.398
SOT1(N-4.09 173	CIM7 Max	1.01	52.46	139.95	7.536	3.350	1.369
SOT1(N-4.09 173	CIM7 Min	-1.08	-27.63	-60.36	-2.183	-3.581	-1.321
SOT1(N-4.09 173	CIM8 Max	0.72	44.59	133.57	6.203	1.734	0.604
SOT1(N-4.09 173	CIM8 Min	-0.79	-19.76	-53.98	-0.850	-1.965	-0.556
SOT1(N-4.09 173	ENVCIM Max	1.01	60.73	166.48	9.390	3.350	1.385
SOT1(N-4.09 173	ENVCIM Min	-1.10	-27.63	-60.36	-2.183	-3.658	-1.321
SOT1(N-4.09 188	CIM1	26.89	-15.33	121.83	-1.627	0.685	-0.058
SOT1(N-4.09 188	CIM2	31.06	-18.40	142.45	-1.643	0.844	-0.063
SOT1(N-4.09 188	CIM3 Max	38.58	-0.93	155.35	6.969	7.161	1.572
SOT1(N-4.09 188	CIM3 Min	15.21	-29.72	88.32	-10.222	-5.792	-1.687
SOT1(N-4.09 188	CIM4 Max	42.41	7.61	154.12	5.457	5.049	1.063
SOT1(N-4.09 188	CIM4 Min	11.38	-38.26	89.55	-8.710	-3.679	-1.179
SOT1(N-4.09 188	CIM5 Max	38.82	-6.78	162.51	4.826	5.674	1.164
SOT1(N-4.09 188	CIM5 Min	21.22	-28.48	112.07	-8.104	-4.065	-1.287
SOT1(N-4.09 188	CIM6 Max	41.69	-0.39	161.59	3.694	4.093	0.783
SOT1(N-4.09 188	CIM6 Min	18.35	-34.88	113.00	-6.972	-2.484	-0.906
SOT1(N-4.09 188	CIM7 Max	27.82	5.20	106.62	7.620	6.887	1.595
SOT1(N-4.09 188	CIM7 Min	4.45	-23.59	39.58	-9.571	-6.066	-1.664
SOT1(N-4.09 188	CIM8 Max	31.65	13.74	105.38	6.107	4.775	1.086
SOT1(N-4.09 188	CIM8 Min	0.62	-32.13	40.82	-8.059	-3.953	-1.156
SOT1(N-4.09 188	ENVCIM Max	42.41	13.74	162.51	7.620	7.161	1.595
SOT1(N-4.09 188	ENVCIM Min	0.62	-38.26	39.58	-10.222	-6.066	-1.687
SOT1(N-4.09 211	CIM1	-30.86	-40.77	180.58	4.287	-0.897	0.004
SOT1(N-4.09 211	CIM2	-36.05	-49.81	214.58	5.927	-1.081	0.024
SOT1(N-4.09 211	CIM3 Max	-23.49	-21.41	254.00	13.556	5.302	1.928
SOT1(N-4.09 211	CIM3 Min	-38.23	-60.13	107.16	-4.981	-7.097	-1.920
SOT1(N-4.09 211	CIM4 Max	-24.98	-22.68	263.25	12.478	2.548	1.457
SOT1(N-4.09 211	CIM4 Min	-36.74	-58.86	97.91	-3.903	-4.343	-1.449
SOT1(N-4.09 211	CIM5 Max	-29.21	-32.99	261.35	12.489	3.624	1.466
SOT1(N-4.09 211	CIM5 Min	-40.29	-62.12	150.81	-1.455	-5.695	-1.428



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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 380 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 211	CIM6 Max	-30.32	-33.94	268.27	11.683	1.563	1.113
SOT1(N-4.09 211	CIM6 Min	-39.18	-61.17	143.89	-0.648	-3.633	-1.075
SOT1(N-4.09 211	CIM7 Max	-11.15	-5.10	181.77	11.841	5.661	1.926
SOT1(N-4.09 211	CIM7 Min	-25.89	-43.82	34.93	-6.696	-6.738	-1.922
SOT1(N-4.09 211	CIM8 Max	-12.64	-6.37	191.02	10.763	2.907	1.455
SOT1(N-4.09 211	CIM8 Min	-24.40	-42.55	25.67	-5.618	-3.984	-1.450
SOT1(N-4.09 211	ENVCIM Max	-11.15	-5.10	268.27	13.556	5.661	1.928
SOT1(N-4.09 211	ENVCIM Min	-40.29	-62.12	25.67	-6.696	-7.097	-1.922
SOT1(N-4.09 33	CIM1	0.31	3.23	123.90	2.886	0.259	-0.002
SOT1(N-4.09 33	CIM2	0.37	4.29	154.56	4.015	0.317	-0.003
SOT1(N-4.09 33	CIM3 Max	0.88	34.40	176.56	12.780	2.195	0.057
SOT1(N-4.09 33	CIM3 Min	-0.26	-27.95	71.23	-7.007	-1.678	-0.061
SOT1(N-4.09 33	CIM4 Max	0.73	54.91	171.61	18.843	1.318	0.045
SOT1(N-4.09 33	CIM4 Min	-0.11	-48.45	76.18	-13.070	-0.800	-0.049
SOT1(N-4.09 33	CIM5 Max	0.79	27.52	186.51	11.190	1.758	0.042
SOT1(N-4.09 33	CIM5 Min	-0.07	-19.47	107.28	-3.723	-1.153	-0.047
SOT1(N-4.09 33	CIM6 Max	0.67	42.87	182.81	15.728	1.101	0.033
SOT1(N-4.09 33	CIM6 Min	0.04	-34.82	110.98	-8.262	-0.496	-0.038
SOT1(N-4.09 33	CIM7 Max	0.76	33.11	127.00	11.625	2.092	0.058
SOT1(N-4.09 33	CIM7 Min	-0.39	-29.24	21.67	-8.161	-1.781	-0.060
SOT1(N-4.09 33	CIM8 Max	0.61	53.62	122.05	17.689	1.214	0.046
SOT1(N-4.09 33	CIM8 Min	-0.24	-49.74	26.63	-14.225	-0.904	-0.048
SOT1(N-4.09 33	ENVCIM Max	0.88	54.91	186.51	18.843	2.195	0.058
SOT1(N-4.09 33	ENVCIM Min	-0.39	-49.74	21.67	-14.225	-1.781	-0.061
SOT1(N-4.09 237	CIM1	-0.91	4.56	30.07	-6.666	-1.343	0.001
SOT1(N-4.09 237	CIM2	-1.46	7.26	43.73	-10.609	-2.159	0.001
SOT1(N-4.09 237	CIM3 Max	-0.11	4.69	31.13	-6.356	0.414	0.027
SOT1(N-4.09 237	CIM3 Min	-1.71	4.43	29.01	-6.975	-3.100	-0.025
SOT1(N-4.09 237	CIM4 Max	-0.51	4.83	30.79	-5.963	-0.502	0.023
SOT1(N-4.09 237	CIM4 Min	-1.30	4.30	29.35	-7.369	-2.184	-0.021
SOT1(N-4.09 237	CIM5 Max	-0.72	6.68	41.12	-9.389	-0.635	0.021
SOT1(N-4.09 237	CIM5 Min	-1.92	6.49	39.52	-9.857	-3.276	-0.019
SOT1(N-4.09 237	CIM6 Max	-1.03	6.78	40.86	-9.095	-1.321	0.018
SOT1(N-4.09 237	CIM6 Min	-1.62	6.38	39.78	-10.151	-2.590	-0.015
SOT1(N-4.09 237	CIM7 Max	0.26	2.87	19.10	-3.690	0.951	0.027
SOT1(N-4.09 237	CIM7 Min	-1.34	2.61	16.98	-4.309	-2.563	-0.026
SOT1(N-4.09 237	CIM8 Max	-0.15	3.00	18.76	-3.297	0.035	0.022
SOT1(N-4.09 237	CIM8 Min	-0.94	2.47	17.32	-4.702	-1.647	-0.021
SOT1(N-4.09 237	ENVCIM Max	0.26	7.26	43.73	-3.297	0.951	0.027
SOT1(N-4.09 237	ENVCIM Min	-1.92	2.47	16.98	-10.609	-3.276	-0.026
SOT1(N-4.09 238	CIM1	0.86	4.57	30.05	-6.676	1.246	0.001
SOT1(N-4.09 238	CIM2	1.42	7.26	43.73	-10.619	2.069	0.001
SOT1(N-4.09 238	CIM3 Max	1.65	4.77	31.10	-6.189	2.988	0.027
SOT1(N-4.09 238	CIM3 Min	0.07	4.36	29.00	-7.163	-0.496	-0.025
SOT1(N-4.09 238	CIM4 Max	1.25	4.87	30.82	-5.876	2.079	0.023
SOT1(N-4.09 238	CIM4 Min	0.47	4.26	29.28	-7.477	0.413	-0.021
SOT1(N-4.09 238	CIM5 Max	1.88	6.74	41.10	-9.266	3.172	0.021
SOT1(N-4.09 238	CIM5 Min	0.69	6.44	39.52	-10.000	0.554	-0.019
SOT1(N-4.09 238	CIM6 Max	1.58	6.82	40.89	-9.032	2.492	0.018
SOT1(N-4.09 238	CIM6 Min	0.99	6.36	39.73	-10.235	1.235	-0.015
SOT1(N-4.09 238	CIM7 Max	1.31	2.94	19.08	-3.519	2.490	0.027
SOT1(N-4.09 238	CIM7 Min	-0.27	2.54	16.98	-4.492	-0.994	-0.026
SOT1(N-4.09 238	CIM8 Max	0.91	3.04	18.80	-3.205	1.581	0.022
SOT1(N-4.09 238	CIM8 Min	0.13	2.44	17.26	-4.806	-0.085	-0.021
SOT1(N-4.09 238	ENVCIM Max	1.88	7.26	43.73	-3.205	3.172	0.027
SOT1(N-4.09 238	ENVCIM Min	-0.27	2.44	16.98	-10.619	-0.994	-0.026
SOT1(N-4.09 341	CIM1	-0.03	0.56	173.13	0.084	-0.552	-0.004
SOT1(N-4.09 341	CIM2	0.01	0.69	230.51	0.115	-0.726	-0.005
SOT1(N-4.09 341	CIM3 Max	3.33	10.59	202.30	1.410	7.370	-0.001
SOT1(N-4.09 341	CIM3 Min	-3.40	-9.47	143.95	-1.243	-8.474	-0.007
SOT1(N-4.09 341	CIM4 Max	3.58	16.01	191.70	2.260	4.168	-0.001
SOT1(N-4.09 341	CIM4 Min	-3.64	-14.89	154.55	-2.093	-5.271	-0.007
SOT1(N-4.09 341	CIM5 Max	2.54	8.22	238.10	1.107	5.272	-0.003
SOT1(N-4.09 341	CIM5 Min	-2.53	-6.90	194.23	-0.893	-6.638	-0.007
SOT1(N-4.09 341	CIM6 Max	2.72	12.27	230.16	1.743	2.875	-0.002



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 381 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 341	CIM6 Min	-2.71	-10.95	202.17	-1.529	-4.240	-0.007
SOT1(N-4.09 341	CIM7 Max	3.35	10.37	133.05	1.377	7.591	0.000
SOT1(N-4.09 341	CIM7 Min	-3.39	-9.70	74.70	-1.276	-8.254	-0.005
SOT1(N-4.09 341	CIM8 Max	3.59	15.78	122.45	2.227	4.388	0.001
SOT1(N-4.09 341	CIM8 Min	-3.63	-15.11	85.30	-2.126	-5.051	-0.005
SOT1(N-4.09 341	ENVCIM Max	3.59	16.01	238.10	2.260	7.591	0.001
SOT1(N-4.09 341	ENVCIM Min	-3.64	-15.11	74.70	-2.126	-8.474	-0.007
SOT1(N-4.09 342	CIM1	0.19	1.96	174.36	-0.374	0.398	0.002
SOT1(N-4.09 342	CIM2	0.35	2.99	234.79	-0.657	0.690	0.003
SOT1(N-4.09 342	CIM3 Max	3.73	12.00	205.44	2.398	8.354	0.004
SOT1(N-4.09 342	CIM3 Min	-3.34	-8.08	143.28	-3.147	-7.559	0.000
SOT1(N-4.09 342	CIM4 Max	4.16	17.43	194.44	2.657	5.190	0.005
SOT1(N-4.09 342	CIM4 Min	-3.77	-13.51	154.28	-3.406	-4.395	-0.001
SOT1(N-4.09 342	CIM5 Max	2.97	10.30	243.04	1.500	6.597	0.004
SOT1(N-4.09 342	CIM5 Min	-2.35	-4.83	196.31	-2.673	-5.364	0.001
SOT1(N-4.09 342	CIM6 Max	3.29	14.37	234.81	1.694	4.229	0.005
SOT1(N-4.09 342	CIM6 Min	-2.67	-8.89	204.55	-2.867	-2.996	0.001
SOT1(N-4.09 342	CIM7 Max	3.65	11.22	135.70	2.548	8.195	0.004
SOT1(N-4.09 342	CIM7 Min	-3.42	-8.87	73.54	-2.997	-7.718	-0.001
SOT1(N-4.09 342	CIM8 Max	4.08	16.64	124.70	2.806	5.031	0.004
SOT1(N-4.09 342	CIM8 Min	-3.85	-14.29	84.54	-3.256	-4.554	-0.001
SOT1(N-4.09 342	ENVCIM Max	4.16	17.43	243.04	2.806	8.354	0.005
SOT1(N-4.09 342	ENVCIM Min	-3.85	-14.29	73.54	-3.406	-7.718	-0.001
SOT1(N-4.09 345	CIM1	-5.86	-32.65	67.10	0.149	-0.061	-0.028
SOT1(N-4.09 345	CIM2	-7.96	-44.01	89.67	0.146	-0.057	-0.041
SOT1(N-4.09 345	CIM3 Max	-3.52	-23.67	88.50	1.110	2.762	1.252
SOT1(N-4.09 345	CIM3 Min	-8.20	-41.63	45.70	-0.813	-2.884	-1.308
SOT1(N-4.09 345	CIM4 Max	-3.36	-20.41	98.11	1.013	1.684	0.770
SOT1(N-4.09 345	CIM4 Min	-8.36	-44.89	36.10	-0.716	-1.806	-0.825
SOT1(N-4.09 345	CIM5 Max	-5.67	-34.41	100.15	0.870	2.064	0.925
SOT1(N-4.09 345	CIM5 Min	-9.20	-47.93	67.90	-0.577	-2.180	-1.000
SOT1(N-4.09 345	CIM6 Max	-5.56	-31.96	107.34	0.797	1.257	0.563
SOT1(N-4.09 345	CIM6 Min	-9.31	-50.37	60.72	-0.504	-1.373	-0.639
SOT1(N-4.09 345	CIM7 Max	-1.17	-10.61	61.66	1.051	2.786	1.263
SOT1(N-4.09 345	CIM7 Min	-5.86	-28.57	18.86	-0.872	-2.860	-1.297
SOT1(N-4.09 345	CIM8 Max	-1.02	-7.35	71.27	0.954	1.708	0.781
SOT1(N-4.09 345	CIM8 Min	-6.01	-31.83	9.26	-0.775	-1.782	-0.814
SOT1(N-4.09 345	ENVCIM Max	-1.02	-7.35	107.34	1.110	2.786	1.263
SOT1(N-4.09 345	ENVCIM Min	-9.31	-50.37	9.26	-0.872	-2.884	-1.308
SOT1(N-4.09 343	CIM1	6.09	-32.49	67.89	0.308	0.017	0.022
SOT1(N-4.09 343	CIM2	8.18	-43.47	90.42	0.406	0.059	0.054
SOT1(N-4.09 343	CIM3 Max	7.80	-27.72	79.74	0.794	2.785	1.210
SOT1(N-4.09 343	CIM3 Min	4.39	-37.26	56.05	-0.178	-2.751	-1.166
SOT1(N-4.09 343	CIM4 Max	8.35	-22.56	93.51	0.889	1.695	0.733
SOT1(N-4.09 343	CIM4 Min	3.84	-42.43	42.28	-0.273	-1.661	-0.689
SOT1(N-4.09 343	CIM5 Max	8.94	-37.13	93.73	0.748	2.129	0.939
SOT1(N-4.09 343	CIM5 Min	6.37	-44.33	75.85	0.016	-2.032	-0.847
SOT1(N-4.09 343	CIM6 Max	9.35	-33.26	104.04	0.819	1.313	0.582
SOT1(N-4.09 343	CIM6 Min	5.96	-48.19	65.54	-0.055	-1.216	-0.490
SOT1(N-4.09 343	CIM7 Max	5.36	-14.73	52.58	0.671	2.778	1.201
SOT1(N-4.09 343	CIM7 Min	1.95	-24.27	28.89	-0.301	-2.758	-1.175
SOT1(N-4.09 343	CIM8 Max	5.91	-9.56	66.35	0.766	1.689	0.724
SOT1(N-4.09 343	CIM8 Min	1.40	-29.43	15.12	-0.396	-1.668	-0.698
SOT1(N-4.09 343	ENVCIM Max	9.35	-9.56	104.04	0.889	2.785	1.210
SOT1(N-4.09 343	ENVCIM Min	1.40	-48.19	15.12	-0.396	-2.758	-1.175
SOT1(N-4.09 349	CIM1	18.15	0.63	23.28	-0.076	-0.336	0.067
SOT1(N-4.09 349	CIM2	22.98	0.70	29.68	-0.036	-0.351	0.030
SOT1(N-4.09 349	CIM3 Max	56.50	3.61	107.97	1.165	0.728	1.781
SOT1(N-4.09 349	CIM3 Min	-20.21	-2.35	-61.42	-1.317	-1.401	-1.648
SOT1(N-4.09 349	CIM4 Max	41.55	2.80	74.78	1.468	0.438	1.723
SOT1(N-4.09 349	CIM4 Min	-5.26	-1.53	-28.23	-1.619	-1.111	-1.589
SOT1(N-4.09 349	CIM5 Max	50.60	2.92	91.74	0.889	0.453	1.329
SOT1(N-4.09 349	CIM5 Min	-7.06	-1.56	-35.59	-0.980	-1.148	-1.251
SOT1(N-4.09 349	CIM6 Max	39.42	2.31	66.90	1.115	0.236	1.285
SOT1(N-4.09 349	CIM6 Min	4.13	-0.95	-10.75	-1.207	-0.931	-1.207





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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 382 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 349	CIM7 Max	49.24	3.36	98.66	1.196	0.863	1.755
SOT1(N-4.09 349	CIM7 Min	-27.47	-2.60	-70.73	-1.287	-1.266	-1.674
SOT1(N-4.09 349	CIM8 Max	34.29	2.54	65.47	1.498	0.573	1.696
SOT1(N-4.09 349	CIM8 Min	-12.52	-1.78	-37.54	-1.589	-0.977	-1.616
SOT1(N-4.09 349	ENVCIM Max	56.50	3.61	107.97	1.498	0.863	1.781
SOT1(N-4.09 349	ENVCIM Min	-27.47	-2.60	-70.73	-1.619	-1.401	-1.674
SOT1(N-4.09 350	CIM1	-5.20	0.18	99.84	-0.475	-1.312	0.004
SOT1(N-4.09 350	CIM2	-6.14	0.09	122.92	-0.419	-1.393	0.011
SOT1(N-4.09 350	CIM3 Max	25.02	1.50	184.55	3.882	6.304	0.057
SOT1(N-4.09 350	CIM3 Min	-35.41	-1.14	15.13	-4.831	-8.929	-0.048
SOT1(N-4.09 350	CIM4 Max	14.46	1.75	151.53	4.661	3.487	0.043
SOT1(N-4.09 350	CIM4 Min	-24.85	-1.39	48.14	-5.610	-6.112	-0.034
SOT1(N-4.09 350	CIM5 Max	16.81	1.10	180.83	2.847	4.353	0.049
SOT1(N-4.09 350	CIM5 Min	-28.63	-0.88	53.47	-3.713	-7.098	-0.030
SOT1(N-4.09 350	CIM6 Max	8.91	1.29	156.12	3.430	2.244	0.038
SOT1(N-4.09 350	CIM6 Min	-20.72	-1.07	78.18	-4.296	-4.990	-0.020
SOT1(N-4.09 350	CIM7 Max	27.10	1.42	144.61	4.072	6.829	0.055
SOT1(N-4.09 350	CIM7 Min	-33.34	-1.21	-24.81	-4.641	-8.404	-0.050
SOT1(N-4.09 350	CIM8 Max	16.54	1.68	111.60	4.851	4.012	0.041
SOT1(N-4.09 350	CIM8 Min	-22.77	-1.46	8.21	-5.420	-5.587	-0.036
SOT1(N-4.09 350	ENVCIM Max	27.10	1.75	184.55	4.851	6.829	0.057
SOT1(N-4.09 350	ENVCIM Min	-35.41	-1.46	-24.81	-5.610	-8.929	-0.050
SOT1(N-4.09 352	CIM1	-20.02	-0.24	79.70	0.145	-1.002	0.092
SOT1(N-4.09 352	CIM2	-24.34	-0.26	96.97	0.237	-1.091	0.112
SOT1(N-4.09 352	CIM3 Max	-3.33	1.08	167.98	1.655	6.325	0.272
SOT1(N-4.09 352	CIM3 Min	-36.71	-1.55	-8.59	-1.366	-8.328	-0.088
SOT1(N-4.09 352	CIM4 Max	-9.83	1.07	133.36	2.668	3.504	0.449
SOT1(N-4.09 352	CIM4 Min	-30.21	-1.54	26.04	-2.379	-5.507	-0.264
SOT1(N-4.09 352	CIM5 Max	-10.72	0.73	159.02	1.353	4.438	0.243
SOT1(N-4.09 352	CIM5 Min	-35.80	-1.25	26.29	-0.924	-6.576	-0.028
SOT1(N-4.09 352	CIM6 Max	-15.58	0.73	133.10	2.111	2.327	0.375
SOT1(N-4.09 352	CIM6 Min	-30.94	-1.24	52.21	-1.683	-4.465	-0.160
SOT1(N-4.09 352	CIM7 Max	4.67	1.17	136.10	1.597	6.725	0.235
SOT1(N-4.09 352	CIM7 Min	-28.70	-1.46	-40.46	-1.423	-7.927	-0.125
SOT1(N-4.09 352	CIM8 Max	-1.82	1.16	101.48	2.611	3.905	0.412
SOT1(N-4.09 352	CIM8 Min	-22.20	-1.45	-5.84	-2.437	-5.107	-0.301
SOT1(N-4.09 352	ENVCIM Max	4.67	1.17	167.98	2.668	6.725	0.449
SOT1(N-4.09 352	ENVCIM Min	-36.71	-1.55	-40.46	-2.437	-8.328	-0.301
SOT1(N-4.09 359	CIM1	29.62	-0.64	127.78	0.192	1.218	-0.167
SOT1(N-4.09 359	CIM2	38.45	-1.31	167.42	1.013	1.480	-0.359
SOT1(N-4.09 359	CIM3 Max	39.33	-0.10	185.40	3.022	7.767	0.413
SOT1(N-4.09 359	CIM3 Min	19.91	-1.18	70.15	-2.638	-5.330	-0.746
SOT1(N-4.09 359	CIM4 Max	37.46	0.06	167.64	4.049	5.229	0.642
SOT1(N-4.09 359	CIM4 Min	21.78	-1.34	87.91	-3.665	-2.792	-0.975
SOT1(N-4.09 359	CIM5 Max	43.55	-0.73	200.84	2.939	6.337	0.126
SOT1(N-4.09 359	CIM5 Min	28.94	-1.55	114.18	-1.323	-3.508	-0.747
SOT1(N-4.09 359	CIM6 Max	42.15	-0.61	187.54	3.708	4.438	0.297
SOT1(N-4.09 359	CIM6 Min	30.34	-1.67	127.48	-2.093	-1.608	-0.919
SOT1(N-4.09 359	CIM7 Max	27.48	0.16	134.29	2.945	7.279	0.479
SOT1(N-4.09 359	CIM7 Min	8.06	-0.92	19.04	-2.714	-5.817	-0.680
SOT1(N-4.09 359	CIM8 Max	25.61	0.32	116.53	3.972	4.741	0.708
SOT1(N-4.09 359	CIM8 Min	9.93	-1.08	36.80	-3.742	-3.279	-0.908
SOT1(N-4.09 359	ENVCIM Max	43.55	0.32	200.84	4.049	7.767	0.708
SOT1(N-4.09 359	ENVCIM Min	8.06	-1.67	19.04	-3.742	-5.817	-0.975
SOT1(N-4.09 336	CIM1	19.06	-0.21	60.88	0.403	0.811	-0.044
SOT1(N-4.09 336	CIM2	24.55	-0.37	78.24	0.625	1.065	-0.073
SOT1(N-4.09 336	CIM3 Max	34.41	0.00	125.78	1.202	4.094	0.170
SOT1(N-4.09 336	CIM3 Min	3.71	-0.42	-4.03	-0.397	-2.472	-0.259
SOT1(N-4.09 336	CIM4 Max	28.28	0.09	99.17	1.505	2.822	0.253
SOT1(N-4.09 336	CIM4 Min	9.83	-0.51	22.58	-0.699	-1.200	-0.342
SOT1(N-4.09 336	CIM5 Max	34.72	-0.17	122.69	1.171	3.470	0.096
SOT1(N-4.09 336	CIM5 Min	11.64	-0.48	25.11	-0.033	-1.466	-0.227
SOT1(N-4.09 336	CIM6 Max	30.13	-0.10	102.77	1.398	2.517	0.158
SOT1(N-4.09 336	CIM6 Min	16.23	-0.55	45.03	-0.259	-0.514	-0.289
SOT1(N-4.09 336	CIM7 Max	26.79	0.08	101.43	1.041	3.770	0.188



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 383 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 336	CIM7 Min	-3.92	-0.33	-28.38	-0.558	-2.796	-0.241
SOT1(N-4.09 336	CIM8 Max	20.66	0.17	74.82	1.344	2.498	0.271
SOT1(N-4.09 336	CIM8 Min	2.21	-0.42	-1.77	-0.860	-1.524	-0.324
SOT1(N-4.09 336	ENVCIM Max	34.72	0.17	125.78	1.505	4.094	0.271
SOT1(N-4.09 336	ENVCIM Min	-3.92	-0.55	-28.38	-0.860	-2.796	-0.342
SOT1(N-4.09 360	CIM1	1.90	-0.20	136.58	-0.198	0.210	-0.005
SOT1(N-4.09 360	CIM2	1.57	-0.65	178.38	0.632	0.140	-0.024
SOT1(N-4.09 360	CIM3 Max	25.58	1.18	206.16	3.119	7.019	0.024
SOT1(N-4.09 360	CIM3 Min	-21.78	-1.58	67.01	-3.515	-6.600	-0.035
SOT1(N-4.09 360	CIM4 Max	16.85	1.65	178.85	4.173	4.341	0.040
SOT1(N-4.09 360	CIM4 Min	-13.05	-2.05	94.32	-4.569	-3.922	-0.050
SOT1(N-4.09 360	CIM5 Max	19.45	0.50	220.23	2.923	5.276	0.003
SOT1(N-4.09 360	CIM5 Min	-16.15	-1.58	115.63	-2.074	-4.961	-0.041
SOT1(N-4.09 360	CIM6 Max	12.92	0.85	199.79	3.711	3.271	0.015
SOT1(N-4.09 360	CIM6 Min	-9.62	-1.93	136.07	-2.862	-2.957	-0.053
SOT1(N-4.09 360	CIM7 Max	24.82	1.26	151.53	3.198	6.935	0.026
SOT1(N-4.09 360	CIM7 Min	-22.54	-1.50	12.37	-3.436	-6.684	-0.033
SOT1(N-4.09 360	CIM8 Max	16.09	1.73	124.22	4.252	4.257	0.042
SOT1(N-4.09 360	CIM8 Min	-13.81	-1.97	39.68	-4.490	-4.006	-0.048
SOT1(N-4.09 360	ENVCIM Max	25.58	1.73	220.23	4.252	7.019	0.042
SOT1(N-4.09 360	ENVCIM Min	-22.54	-2.05	12.37	-4.569	-6.684	-0.053
SOT1(N-4.09 383	CIM1	6.60	-0.86	148.37	1.443	8.746	0.053
SOT1(N-4.09 383	CIM2	9.86	-0.99	199.14	1.698	13.308	0.071
SOT1(N-4.09 383	CIM3 Max	16.23	-0.31	168.01	4.577	35.613	0.467
SOT1(N-4.09 383	CIM3 Min	-3.04	-1.41	128.72	-1.691	-18.121	-0.361
SOT1(N-4.09 383	CIM4 Max	12.83	0.20	161.62	8.074	26.302	0.392
SOT1(N-4.09 383	CIM4 Min	0.36	-1.92	135.11	-5.188	-8.810	-0.287
SOT1(N-4.09 383	CIM5 Max	16.29	-0.55	201.22	4.000	32.366	0.378
SOT1(N-4.09 383	CIM5 Min	1.80	-1.38	171.67	-0.730	-8.031	-0.245
SOT1(N-4.09 383	CIM6 Max	13.74	-0.16	196.43	6.617	25.397	0.322
SOT1(N-4.09 383	CIM6 Min	4.35	-1.76	176.45	-3.348	-1.061	-0.189
SOT1(N-4.09 383	CIM7 Max	13.59	0.04	108.67	4.000	32.115	0.446
SOT1(N-4.09 383	CIM7 Min	-5.68	-1.06	69.37	-2.268	-21.620	-0.382
SOT1(N-4.09 383	CIM8 Max	10.19	0.55	102.28	7.497	22.803	0.371
SOT1(N-4.09 383	CIM8 Min	-2.27	-1.57	75.76	-5.765	-12.308	-0.308
SOT1(N-4.09 383	ENVCIM Max	16.29	0.55	201.22	8.074	35.613	0.467
SOT1(N-4.09 383	ENVCIM Min	-5.68	-1.92	69.37	-5.765	-21.620	-0.382
SOT1(N-4.09 361	CIM1	-26.06	0.97	20.77	-0.056	-0.081	-0.188
SOT1(N-4.09 361	CIM2	-34.03	0.97	27.66	0.030	-0.126	-0.056
SOT1(N-4.09 361	CIM3 Max	9.11	1.40	56.61	0.374	0.296	0.396
SOT1(N-4.09 361	CIM3 Min	-61.22	0.54	-15.08	-0.487	-0.458	-0.772
SOT1(N-4.09 361	CIM4 Max	-5.02	1.79	41.88	0.495	0.150	0.548
SOT1(N-4.09 361	CIM4 Min	-47.09	0.14	-0.35	-0.607	-0.312	-0.924
SOT1(N-4.09 361	CIM5 Max	-5.61	1.29	52.88	0.333	0.169	0.351
SOT1(N-4.09 361	CIM5 Min	-58.47	0.64	-1.01	-0.315	-0.399	-0.529
SOT1(N-4.09 361	CIM6 Max	-16.18	1.59	41.85	0.423	0.059	0.465
SOT1(N-4.09 361	CIM6 Min	-47.90	0.35	10.02	-0.406	-0.289	-0.643
SOT1(N-4.09 361	CIM7 Max	19.53	1.01	48.31	0.397	0.329	0.471
SOT1(N-4.09 361	CIM7 Min	-50.80	0.15	-23.39	-0.464	-0.426	-0.697
SOT1(N-4.09 361	CIM8 Max	5.40	1.41	33.57	0.517	0.182	0.623
SOT1(N-4.09 361	CIM8 Min	-36.67	-0.24	-8.65	-0.585	-0.280	-0.849
SOT1(N-4.09 361	ENVCIM Max	19.53	1.79	56.61	0.517	0.329	0.623
SOT1(N-4.09 361	ENVCIM Min	-61.22	-0.24	-23.39	-0.607	-0.458	-0.924
SOT1(N-4.09 385	CIM1	30.44	1.57	139.79	-1.230	0.353	0.409
SOT1(N-4.09 385	CIM2	38.84	2.65	182.74	-2.519	0.065	0.708
SOT1(N-4.09 385	CIM3 Max	46.82	2.08	226.86	1.384	8.428	0.938
SOT1(N-4.09 385	CIM3 Min	14.06	1.07	52.73	-3.844	-7.723	-0.121
SOT1(N-4.09 385	CIM4 Max	41.07	2.05	197.21	2.256	5.432	1.114
SOT1(N-4.09 385	CIM4 Min	19.82	1.10	82.38	-4.716	-4.726	-0.296
SOT1(N-4.09 385	CIM5 Max	49.05	2.76	237.46	-0.228	6.207	1.032
SOT1(N-4.09 385	CIM5 Min	24.42	2.00	106.55	-4.166	-5.934	0.235
SOT1(N-4.09 385	CIM6 Max	44.74	2.74	215.27	0.424	3.965	1.163
SOT1(N-4.09 385	CIM6 Min	28.73	2.02	128.74	-4.818	-3.691	0.104
SOT1(N-4.09 385	CIM7 Max	34.65	1.45	170.94	1.876	8.287	0.775
SOT1(N-4.09 385	CIM7 Min	1.89	0.44	-3.19	-3.352	-7.864	-0.284




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 384 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 385	CIM8 Max	28.89	1.42	141.29	2.748	5.291	0.950
SOT1(N-4.09 385	CIM8 Min	7.64	0.47	26.46	-4.224	-4.868	-0.459
SOT1(N-4.09 385	ENVCIM Max	49.05	2.76	237.46	2.748	8.428	1.163
SOT1(N-4.09 385	ENVCIM Min	1.89	0.44	-3.19	-4.818	-7.864	-0.459
SOT1(N-4.09 386	CIM1	-1.80	0.62	154.17	-0.889	-0.893	0.031
SOT1(N-4.09 386	CIM2	-4.49	1.27	202.09	-2.209	-1.624	0.061
SOT1(N-4.09 386	CIM3 Max	24.08	1.84	209.98	2.216	7.353	0.068
SOT1(N-4.09 386	CIM3 Min	-27.69	-0.59	98.36	-3.994	-9.140	-0.005
SOT1(N-4.09 386	CIM4 Max	16.79	2.14	190.49	3.175	4.275	0.088
SOT1(N-4.09 386	CIM4 Min	-20.40	-0.90	117.85	-4.953	-6.061	-0.025
SOT1(N-4.09 386	CIM5 Max	15.65	2.02	232.07	0.459	4.758	0.081
SOT1(N-4.09 386	CIM5 Min	-23.28	0.20	148.16	-4.218	-7.640	0.026
SOT1(N-4.09 386	CIM6 Max	10.19	2.25	217.48	1.177	2.454	0.096
SOT1(N-4.09 386	CIM6 Min	-17.82	-0.03	162.75	-4.935	-5.336	0.011
SOT1(N-4.09 386	CIM7 Max	24.81	1.59	148.31	2.571	7.711	0.055
SOT1(N-4.09 386	CIM7 Min	-26.97	-0.84	36.69	-3.638	-8.782	-0.018
SOT1(N-4.09 386	CIM8 Max	17.51	1.89	128.82	3.530	4.632	0.076
SOT1(N-4.09 386	CIM8 Min	-19.68	-1.15	56.19	-4.597	-5.704	-0.038
SOT1(N-4.09 386	ENVCIM Max	24.81	2.25	232.07	3.530	7.711	0.096
SOT1(N-4.09 386	ENVCIM Min	-27.69	-1.15	36.69	-4.953	-9.140	-0.038
SOT1(N-4.09 387	CIM1	-30.05	-0.68	27.55	-0.043	-0.215	0.008
SOT1(N-4.09 387	CIM2	-39.52	-0.57	37.81	-0.175	-0.337	-0.207
SOT1(N-4.09 387	CIM3 Max	5.94	-0.43	66.73	0.361	0.259	0.558
SOT1(N-4.09 387	CIM3 Min	-66.03	-0.93	-11.63	-0.446	-0.688	-0.542
SOT1(N-4.09 387	CIM4 Max	-6.61	-0.14	52.07	0.471	0.077	0.716
SOT1(N-4.09 387	CIM4 Min	-53.48	-1.22	3.02	-0.556	-0.507	-0.700
SOT1(N-4.09 387	CIM5 Max	-10.10	-0.40	64.69	0.162	0.049	0.261
SOT1(N-4.09 387	CIM5 Min	-64.20	-0.79	5.79	-0.446	-0.662	-0.567
SOT1(N-4.09 387	CIM6 Max	-19.49	-0.19	53.73	0.244	-0.087	0.379
SOT1(N-4.09 387	CIM6 Min	-54.81	-1.00	16.76	-0.528	-0.527	-0.685
SOT1(N-4.09 387	CIM7 Max	17.96	-0.16	55.71	0.378	0.345	0.555
SOT1(N-4.09 387	CIM7 Min	-54.01	-0.66	-22.65	-0.429	-0.602	-0.545
SOT1(N-4.09 387	CIM8 Max	5.41	0.13	41.05	0.488	0.163	0.713
SOT1(N-4.09 387	CIM8 Min	-41.47	-0.95	-8.00	-0.539	-0.421	-0.703
SOT1(N-4.09 387	ENVCIM Max	17.96	0.13	66.73	0.488	0.345	0.716
SOT1(N-4.09 387	ENVCIM Min	-66.03	-1.22	-22.65	-0.556	-0.688	-0.703
SOT1(N-4.09 221	CIM1	-1.60	3.68	30.23	-0.525	-0.352	-0.013
SOT1(N-4.09 221	CIM2	-2.04	4.59	37.69	-0.675	-0.509	-0.026
SOT1(N-4.09 221	CIM3 Max	5.30	18.62	156.16	2.997	2.501	0.078
SOT1(N-4.09 221	CIM3 Min	-8.51	-11.26	-95.71	-4.047	-3.204	-0.105
SOT1(N-4.09 221	CIM4 Max	3.62	16.18	138.38	3.376	1.253	0.040
SOT1(N-4.09 221	CIM4 Min	-6.82	-8.82	-77.92	-4.425	-1.957	-0.067
SOT1(N-4.09 221	CIM5 Max	3.26	15.60	130.55	2.014	1.674	0.046
SOT1(N-4.09 221	CIM5 Min	-7.12	-6.88	-58.90	-3.288	-2.614	-0.092
SOT1(N-4.09 221	CIM6 Max	2.00	13.78	117.24	2.297	0.741	0.017
SOT1(N-4.09 221	CIM6 Min	-5.86	-5.05	-45.59	-3.572	-1.680	-0.063
SOT1(N-4.09 221	CIM7 Max	5.94	17.15	144.07	3.207	2.642	0.084
SOT1(N-4.09 221	CIM7 Min	-7.86	-12.74	-107.80	-3.837	-3.064	-0.099
SOT1(N-4.09 221	CIM8 Max	4.26	14.71	126.29	3.586	1.394	0.046
SOT1(N-4.09 221	CIM8 Min	-6.18	-10.29	-90.01	-4.216	-1.816	-0.061
SOT1(N-4.09 221	ENVCIM Max	5.94	18.62	156.16	3.586	2.642	0.084
SOT1(N-4.09 221	ENVCIM Min	-8.51	-12.74	-107.80	-4.425	-3.204	-0.105
SOT1(N-4.09 222	CIM1	1.38	3.25	28.42	-0.434	0.210	0.015
SOT1(N-4.09 222	CIM2	1.88	4.30	37.58	-0.604	0.380	0.028
SOT1(N-4.09 222	CIM3 Max	8.04	17.62	151.15	2.934	2.952	0.112
SOT1(N-4.09 222	CIM3 Min	-5.28	-11.13	-94.31	-3.802	-2.531	-0.081
SOT1(N-4.09 222	CIM4 Max	6.88	16.53	142.12	3.831	1.856	0.074
SOT1(N-4.09 222	CIM4 Min	-4.12	-10.03	-85.27	-4.699	-1.436	-0.044
SOT1(N-4.09 222	CIM5 Max	6.76	14.85	127.63	1.974	2.399	0.097
SOT1(N-4.09 222	CIM5 Min	-3.26	-6.78	-57.04	-3.098	-1.723	-0.048
SOT1(N-4.09 222	CIM6 Max	5.89	14.03	120.86	2.646	1.579	0.069
SOT1(N-4.09 222	CIM6 Min	-2.39	-5.96	-50.28	-3.769	-0.903	-0.020
SOT1(N-4.09 222	CIM7 Max	7.48	16.32	139.79	3.108	2.868	0.106
SOT1(N-4.09 222	CIM7 Min	-5.83	-12.43	-105.68	-3.629	-2.615	-0.088
SOT1(N-4.09 222	CIM8 Max	6.33	15.23	130.75	4.005	1.772	0.068




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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 385 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 222	CIM8 Min	-4.68	-11.33	-96.64	-4.525	-1.520	-0.050
SOT1(N-4.09 222	ENVCIM Max	8.04	17.62	151.15	4.005	2.952	0.112
SOT1(N-4.09 222	ENVCIM Min	-5.83	-12.43	-105.68	-4.699	-2.615	-0.088
SOT1(N-4.09 300	CIM1	0.92	-4.51	62.20	6.844	1.310	0.003
SOT1(N-4.09 300	CIM2	1.22	-7.11	92.33	10.760	1.760	0.003
SOT1(N-4.09 300	CIM3 Max	3.00	-3.89	64.11	8.278	6.689	0.075
SOT1(N-4.09 300	CIM3 Min	-1.16	-5.14	60.30	5.410	-4.069	-0.070
SOT1(N-4.09 300	CIM4 Max	2.09	-3.18	63.77	9.947	4.300	0.063
SOT1(N-4.09 300	CIM4 Min	-0.24	-5.84	60.64	3.741	-1.680	-0.057
SOT1(N-4.09 300	CIM5 Max	2.71	-5.99	86.23	10.863	5.690	0.058
SOT1(N-4.09 300	CIM5 Min	-0.41	-6.93	83.37	8.699	-2.395	-0.051
SOT1(N-4.09 300	CIM6 Max	2.03	-5.46	85.98	12.113	3.903	0.048
SOT1(N-4.09 300	CIM6 Min	0.27	-7.46	83.62	7.449	-0.607	-0.042
SOT1(N-4.09 300	CIM7 Max	2.63	-2.08	39.23	5.540	6.165	0.074
SOT1(N-4.09 300	CIM7 Min	-1.52	-3.33	35.42	2.673	-4.593	-0.071
SOT1(N-4.09 300	CIM8 Max	1.72	-1.38	38.89	7.210	3.776	0.062
SOT1(N-4.09 300	CIM8 Min	-0.61	-4.04	35.76	1.003	-2.204	-0.058
SOT1(N-4.09 300	ENVCIM Max	3.00	-1.38	92.33	12.113	6.689	0.075
SOT1(N-4.09 300	ENVCIM Min	-1.52	-7.46	35.42	1.003	-4.593	-0.071
SOT1(N-4.09 302	CIM1	-1.08	-4.49	62.05	6.798	-1.697	0.003
SOT1(N-4.09 302	CIM2	-1.38	-7.08	92.16	10.704	-2.154	0.003
SOT1(N-4.09 302	CIM3 Max	1.02	-3.67	63.76	8.771	3.708	0.075
SOT1(N-4.09 302	CIM3 Min	-3.17	-5.31	60.33	4.825	-7.102	-0.070
SOT1(N-4.09 302	CIM4 Max	0.12	-3.02	63.55	10.286	1.335	0.063
SOT1(N-4.09 302	CIM4 Min	-2.27	-5.97	60.55	3.309	-4.729	-0.057
SOT1(N-4.09 302	CIM5 Max	0.27	-5.82	85.92	11.215	2.022	0.058
SOT1(N-4.09 302	CIM5 Min	-2.88	-7.05	83.34	8.240	-6.102	-0.051
SOT1(N-4.09 302	CIM6 Max	-0.41	-5.33	85.76	12.349	0.246	0.048
SOT1(N-4.09 302	CIM6 Min	-2.20	-7.54	83.51	7.105	-4.326	-0.042
SOT1(N-4.09 302	CIM7 Max	1.45	-1.88	38.94	6.051	4.387	0.074
SOT1(N-4.09 302	CIM7 Min	-2.74	-3.51	35.51	2.106	-6.423	-0.071
SOT1(N-4.09 302	CIM8 Max	0.55	-1.22	38.73	7.567	2.013	0.062
SOT1(N-4.09 302	CIM8 Min	-1.84	-4.17	35.73	0.590	-4.050	-0.058
SOT1(N-4.09 302	ENVCIM Max	1.45	-1.22	92.16	12.349	4.387	0.075
SOT1(N-4.09 302	ENVCIM Min	-3.17	-7.54	35.51	0.590	-7.102	-0.071
SOT1(N-4.09 333	CIM1	-6.72	33.14	122.04	-0.527	-0.578	0.193
SOT1(N-4.09 333	CIM2	-9.14	44.35	162.55	-0.698	-0.792	0.279
SOT1(N-4.09 333	CIM3 Max	-3.81	44.88	171.00	0.419	4.938	1.607
SOT1(N-4.09 333	CIM3 Min	-9.64	21.41	73.09	-1.472	-6.094	-1.221
SOT1(N-4.09 333	CIM4 Max	-4.38	44.21	173.21	1.092	2.661	1.011
SOT1(N-4.09 333	CIM4 Min	-9.07	22.08	70.88	-2.146	-3.816	-0.625
SOT1(N-4.09 333	CIM5 Max	-6.34	50.38	189.26	0.058	3.408	1.320
SOT1(N-4.09 333	CIM5 Min	-10.73	32.72	115.59	-1.368	-4.884	-0.805
SOT1(N-4.09 333	CIM6 Max	-6.77	49.88	190.92	0.562	1.703	0.874
SOT1(N-4.09 333	CIM6 Min	-10.30	33.22	113.93	-1.872	-3.179	-0.359
SOT1(N-4.09 333	CIM7 Max	-1.12	31.62	122.18	0.630	5.169	1.530
SOT1(N-4.09 333	CIM7 Min	-6.95	8.15	24.27	-1.262	-5.863	-1.299
SOT1(N-4.09 333	CIM8 Max	-1.69	30.95	124.39	1.303	2.892	0.934
SOT1(N-4.09 333	CIM8 Min	-6.38	8.82	22.06	-1.935	-3.585	-0.703
SOT1(N-4.09 333	ENVCIM Max	-1.12	50.38	190.92	1.303	5.169	1.607
SOT1(N-4.09 333	ENVCIM Min	-10.73	8.15	22.06	-2.146	-6.094	-1.299
SOT1(N-4.09 335	CIM1	7.04	34.61	123.80	-0.845	0.434	-0.129
SOT1(N-4.09 335	CIM2	9.75	47.37	167.55	-1.240	0.719	-0.219
SOT1(N-4.09 335	CIM3 Max	9.14	41.94	160.41	1.002	5.936	1.348
SOT1(N-4.09 335	CIM3 Min	4.94	27.29	87.19	-2.691	-5.068	-1.607
SOT1(N-4.09 335	CIM4 Max	8.84	43.78	170.68	1.310	3.688	0.766
SOT1(N-4.09 335	CIM4 Min	5.24	25.45	76.93	-3.000	-2.820	-1.025
SOT1(N-4.09 335	CIM5 Max	10.65	49.70	184.18	0.248	4.784	0.914
SOT1(N-4.09 335	CIM5 Min	7.50	38.67	129.05	-2.531	-3.488	-1.307
SOT1(N-4.09 335	CIM6 Max	10.43	51.07	191.86	0.480	3.101	0.478
SOT1(N-4.09 335	CIM6 Min	7.72	37.29	121.36	-2.763	-1.805	-0.871
SOT1(N-4.09 335	CIM7 Max	6.32	28.09	110.89	1.339	5.763	1.400
SOT1(N-4.09 335	CIM7 Min	2.13	13.44	37.67	-2.353	-5.242	-1.555
SOT1(N-4.09 335	CIM8 Max	6.02	29.93	121.16	1.648	3.514	0.818
SOT1(N-4.09 335	CIM8 Min	2.43	11.60	27.41	-2.662	-2.993	-0.973

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 386 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 335	ENVCIM Max	10.65	51.07	191.86	1.648	5.936	1.400
SOT1(N-4.09 335	ENVCIM Min	2.13	11.60	27.41	-3.000	-5.242	-1.607
SOT1(N-4.09 1	CIM1	15.48	10.48	80.47	-2.017	0.105	-0.024
SOT1(N-4.09 1	CIM2	17.96	13.70	95.02	-2.891	0.148	-0.031
SOT1(N-4.09 1	CIM3 Max	30.03	30.98	195.04	1.971	3.201	0.345
SOT1(N-4.09 1	CIM3 Min	0.93	-10.02	-34.10	-6.006	-2.990	-0.393
SOT1(N-4.09 1	CIM4 Max	27.55	46.29	160.18	5.161	2.711	0.633
SOT1(N-4.09 1	CIM4 Min	3.41	-25.33	0.76	-9.196	-2.500	-0.681
SOT1(N-4.09 1	CIM5 Max	28.28	28.35	177.52	0.335	2.466	0.249
SOT1(N-4.09 1	CIM5 Min	6.40	-2.56	5.24	-5.681	-2.191	-0.308
SOT1(N-4.09 1	CIM6 Max	26.42	39.81	151.43	2.722	2.099	0.465
SOT1(N-4.09 1	CIM6 Min	8.26	-14.02	31.33	-8.068	-1.824	-0.524
SOT1(N-4.09 1	CIM7 Max	23.84	26.79	162.85	2.778	3.159	0.355
SOT1(N-4.09 1	CIM7 Min	-5.26	-14.21	-66.29	-5.199	-3.032	-0.383
SOT1(N-4.09 1	CIM8 Max	21.35	42.10	127.99	5.968	2.669	0.643
SOT1(N-4.09 1	CIM8 Min	-2.78	-29.52	-31.43	-8.389	-2.542	-0.672
SOT1(N-4.09 1	ENVCIM Max	30.03	46.29	195.04	5.968	3.201	0.643
SOT1(N-4.09 1	ENVCIM Min	-5.26	-29.52	-66.29	-9.196	-3.032	-0.681
SOT1(N-4.09 2	CIM1	-4.14	0.04	69.87	-0.114	-4.970	0.029
SOT1(N-4.09 2	CIM2	-3.36	0.09	81.63	-0.208	-5.864	0.037
SOT1(N-4.09 2	CIM3 Max	39.29	0.52	86.27	1.072	0.848	0.379
SOT1(N-4.09 2	CIM3 Min	-47.56	-0.45	53.48	-1.300	-10.789	-0.322
SOT1(N-4.09 2	CIM4 Max	19.70	0.55	81.77	2.129	-1.193	0.664
SOT1(N-4.09 2	CIM4 Min	-27.98	-0.48	57.98	-2.357	-8.748	-0.606
SOT1(N-4.09 2	CIM5 Max	29.08	0.44	91.02	0.710	-1.267	0.300
SOT1(N-4.09 2	CIM5 Min	-36.19	-0.29	66.36	-1.079	-10.015	-0.229
SOT1(N-4.09 2	CIM6 Max	14.42	0.47	87.65	1.501	-2.794	0.513
SOT1(N-4.09 2	CIM6 Min	-21.54	-0.31	69.73	-1.870	-8.488	-0.442
SOT1(N-4.09 2	CIM7 Max	40.94	0.50	58.32	1.117	2.836	0.368
SOT1(N-4.09 2	CIM7 Min	-45.91	-0.46	25.53	-1.254	-8.800	-0.333
SOT1(N-4.09 2	CIM8 Max	21.36	0.54	53.82	2.174	0.795	0.652
SOT1(N-4.09 2	CIM8 Min	-26.32	-0.50	30.03	-2.311	-6.760	-0.618
SOT1(N-4.09 2	ENVCIM Max	40.94	0.55	91.02	2.174	2.836	0.664
SOT1(N-4.09 2	ENVCIM Min	-47.56	-0.50	25.53	-2.357	-10.789	-0.618
SOT1(N-4.09 88	CIM1	-0.14	-28.17	166.58	-3.969	-0.268	-0.049
SOT1(N-4.09 88	CIM2	-0.14	-35.10	206.34	-6.340	-0.283	-0.054
SOT1(N-4.09 88	CIM3 Max	1.44	20.39	233.85	4.278	2.401	1.111
SOT1(N-4.09 88	CIM3 Min	-1.71	-76.72	99.31	-12.216	-2.936	-1.209
SOT1(N-4.09 88	CIM4 Max	0.85	58.83	226.77	2.794	1.373	0.399
SOT1(N-4.09 88	CIM4 Min	-1.12	-115.16	106.39	-10.731	-1.908	-0.497
SOT1(N-4.09 88	CIM5 Max	1.05	3.25	247.00	0.455	1.727	0.819
SOT1(N-4.09 88	CIM5 Min	-1.33	-69.97	145.79	-11.950	-2.285	-0.924
SOT1(N-4.09 88	CIM6 Max	0.60	32.02	241.70	-0.656	0.957	0.286
SOT1(N-4.09 88	CIM6 Min	-0.88	-98.75	151.09	-10.839	-1.515	-0.391
SOT1(N-4.09 88	CIM7 Max	1.50	31.65	167.22	5.866	2.508	1.130
SOT1(N-4.09 88	CIM7 Min	-1.66	-65.45	32.68	-10.628	-2.829	-1.189
SOT1(N-4.09 88	CIM8 Max	0.90	70.10	160.14	4.381	1.480	0.419
SOT1(N-4.09 88	CIM8 Min	-1.07	-103.90	39.76	-9.144	-1.801	-0.478
SOT1(N-4.09 88	ENVCIM Max	1.50	70.10	247.00	5.866	2.508	1.130
SOT1(N-4.09 88	ENVCIM Min	-1.71	-115.16	32.68	-12.216	-2.936	-1.209
SOT1(N-4.09 53	CIM1	-29.45	-0.07	50.38	0.173	0.410	0.027
SOT1(N-4.09 53	CIM2	-36.69	-0.08	62.31	0.200	0.520	0.035
SOT1(N-4.09 53	CIM3 Max	-19.54	0.34	73.60	1.065	4.922	0.376
SOT1(N-4.09 53	CIM3 Min	-39.36	-0.49	27.17	-0.719	-4.101	-0.322
SOT1(N-4.09 53	CIM4 Max	-23.45	0.34	64.11	1.656	3.525	0.681
SOT1(N-4.09 53	CIM4 Min	-35.44	-0.49	36.65	-1.310	-2.705	-0.628
SOT1(N-4.09 53	CIM5 Max	-27.43	0.24	76.78	0.865	3.884	0.297
SOT1(N-4.09 53	CIM5 Min	-42.33	-0.39	41.88	-0.479	-2.899	-0.230
SOT1(N-4.09 53	CIM6 Max	-30.36	0.24	69.68	1.308	2.839	0.525
SOT1(N-4.09 53	CIM6 Min	-39.40	-0.39	48.98	-0.921	-1.854	-0.459
SOT1(N-4.09 53	CIM7 Max	-7.76	0.37	53.44	0.996	4.757	0.365
SOT1(N-4.09 53	CIM7 Min	-27.58	-0.46	7.01	-0.788	-4.265	-0.333
SOT1(N-4.09 53	CIM8 Max	-11.67	0.37	43.96	1.586	3.361	0.671
SOT1(N-4.09 53	CIM8 Min	-23.66	-0.46	16.50	-1.379	-2.869	-0.638
SOT1(N-4.09 53	ENVCIM Max	-7.76	0.37	76.78	1.656	4.922	0.681

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 387 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 53	ENVCIM Min	-42.33	-0.49	7.01	-1.379	-4.265	-0.638
SOT1(N-4.09 52	CIM1	32.09	16.06	154.73	1.874	0.182	0.025
SOT1(N-4.09 52	CIM2	40.06	20.72	194.16	2.200	0.284	0.023
SOT1(N-4.09 52	CIM3 Max	70.73	41.35	182.35	8.373	4.789	1.250
SOT1(N-4.09 52	CIM3 Min	-6.55	-9.23	127.12	-4.626	-4.424	-1.199
SOT1(N-4.09 52	CIM4 Max	55.93	36.18	182.87	10.616	4.112	0.906
SOT1(N-4.09 52	CIM4 Min	8.25	-4.05	126.60	-6.869	-3.748	-0.855
SOT1(N-4.09 52	CIM5 Max	67.12	38.58	205.09	7.014	3.724	0.944
SOT1(N-4.09 52	CIM5 Min	9.02	0.54	163.52	-2.776	-3.206	-0.897
SOT1(N-4.09 52	CIM6 Max	56.04	34.71	205.48	8.693	3.217	0.687
SOT1(N-4.09 52	CIM6 Min	20.10	4.41	163.14	-4.455	-2.700	-0.640
SOT1(N-4.09 52	CIM7 Max	57.90	34.93	120.46	7.623	4.716	1.240
SOT1(N-4.09 52	CIM7 Min	-19.39	-15.65	65.22	-5.375	-4.497	-1.209
SOT1(N-4.09 52	CIM8 Max	43.10	29.76	120.97	9.867	4.040	0.896
SOT1(N-4.09 52	CIM8 Min	-4.59	-10.48	64.71	-7.618	-3.821	-0.865
SOT1(N-4.09 52	ENVCIM Max	70.73	41.35	205.48	10.616	4.789	1.250
SOT1(N-4.09 52	ENVCIM Min	-19.39	-15.65	64.71	-7.618	-4.497	-1.209
SOT1(N-4.09 271	CIM1	17.13	3.82	133.84	0.477	0.666	0.264
SOT1(N-4.09 271	CIM2	21.79	4.89	166.35	0.500	0.997	0.380
SOT1(N-4.09 271	CIM3 Max	51.93	17.29	424.60	7.439	11.546	1.090
SOT1(N-4.09 271	CIM3 Min	-17.66	-9.66	-156.92	-6.485	-10.214	-0.562
SOT1(N-4.09 271	CIM4 Max	49.79	19.47	367.85	11.116	6.895	1.234
SOT1(N-4.09 271	CIM4 Min	-15.52	-11.84	-100.18	-10.163	-5.563	-0.706
SOT1(N-4.09 271	CIM5 Max	46.80	14.77	376.90	5.741	9.092	0.973
SOT1(N-4.09 271	CIM5 Min	-5.55	-5.52	-60.45	-4.752	-7.263	-0.271
SOT1(N-4.09 271	CIM6 Max	45.20	16.40	334.43	8.493	5.611	1.081
SOT1(N-4.09 271	CIM6 Min	-3.95	-7.15	-17.98	-7.504	-3.782	-0.379
SOT1(N-4.09 271	CIM7 Max	45.07	15.77	371.06	7.248	11.280	0.984
SOT1(N-4.09 271	CIM7 Min	-24.51	-11.19	-210.46	-6.676	-10.480	-0.667
SOT1(N-4.09 271	CIM8 Max	42.94	17.94	314.32	10.926	6.629	1.129
SOT1(N-4.09 271	CIM8 Min	-22.37	-13.36	-153.72	-10.353	-5.829	-0.812
SOT1(N-4.09 271	ENVCIM Max	51.93	19.47	424.60	11.116	11.546	1.234
SOT1(N-4.09 271	ENVCIM Min	-24.51	-13.36	-210.46	-10.353	-10.480	-0.812
SOT1(N-4.09 276	CIM1	-12.61	-13.57	116.80	0.753	-0.241	0.079
SOT1(N-4.09 276	CIM2	-15.11	-17.01	143.15	0.899	-0.114	0.097
SOT1(N-4.09 276	CIM3 Max	9.79	1.21	264.77	4.213	10.190	0.739
SOT1(N-4.09 276	CIM3 Min	-35.01	-28.36	-31.17	-2.707	-10.672	-0.581
SOT1(N-4.09 276	CIM4 Max	14.65	10.38	340.89	7.119	5.873	0.827
SOT1(N-4.09 276	CIM4 Min	-39.88	-37.53	-107.29	-5.613	-6.355	-0.669
SOT1(N-4.09 276	CIM5 Max	2.38	-5.01	248.06	3.472	7.695	0.589
SOT1(N-4.09 276	CIM5 Min	-31.36	-27.29	25.07	-1.747	-7.986	-0.404
SOT1(N-4.09 276	CIM6 Max	6.02	1.86	305.03	5.647	4.464	0.655
SOT1(N-4.09 276	CIM6 Min	-34.99	-34.16	-31.90	-3.922	-4.755	-0.470
SOT1(N-4.09 276	CIM7 Max	14.83	6.64	218.05	3.912	10.286	0.707
SOT1(N-4.09 276	CIM7 Min	-29.97	-22.93	-77.89	-3.008	-10.575	-0.612
SOT1(N-4.09 276	CIM8 Max	19.70	15.81	294.17	6.818	5.970	0.795
SOT1(N-4.09 276	CIM8 Min	-34.83	-32.10	-154.01	-5.914	-6.259	-0.700
SOT1(N-4.09 276	ENVCIM Max	19.70	15.81	340.89	7.119	10.286	0.827
SOT1(N-4.09 276	ENVCIM Min	-39.88	-37.53	-154.01	-5.914	-10.672	-0.700
SOT1(N-4.09 272	CIM1	-14.90	1.89	134.66	0.554	-0.701	-0.130
SOT1(N-4.09 272	CIM2	-18.67	2.16	162.61	0.676	-0.967	-0.169
SOT1(N-4.09 272	CIM3 Max	18.23	29.46	417.02	11.280	10.488	0.663
SOT1(N-4.09 272	CIM3 Min	-48.03	-25.69	-147.71	-10.172	-11.889	-0.924
SOT1(N-4.09 272	CIM4 Max	12.86	31.13	366.31	15.447	5.482	0.848
SOT1(N-4.09 272	CIM4 Min	-42.66	-27.36	-97.00	-14.338	-6.884	-1.109
SOT1(N-4.09 272	CIM5 Max	7.19	22.85	367.99	8.725	7.508	0.438
SOT1(N-4.09 272	CIM5 Min	-42.65	-18.66	-56.75	-7.434	-9.310	-0.757
SOT1(N-4.09 272	CIM6 Max	3.17	24.10	330.04	11.844	3.762	0.577
SOT1(N-4.09 272	CIM6 Min	-38.63	-19.91	-18.79	-10.552	-5.564	-0.895
SOT1(N-4.09 272	CIM7 Max	24.19	28.70	363.16	11.059	10.768	0.715
SOT1(N-4.09 272	CIM7 Min	-42.07	-26.44	-201.57	-10.393	-11.609	-0.872
SOT1(N-4.09 272	CIM8 Max	18.82	30.38	312.45	15.225	5.763	0.900
SOT1(N-4.09 272	CIM8 Min	-36.70	-28.11	-150.86	-14.560	-6.604	-1.057
SOT1(N-4.09 272	ENVCIM Max	24.19	31.13	417.02	15.447	10.768	0.900
SOT1(N-4.09 272	ENVCIM Min	-48.03	-28.11	-201.57	-14.560	-11.889	-1.109





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 388 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


SOT1(N-4.09 288	CIM1	12.69	-13.05	102.44	0.951	0.078	-0.083
SOT1(N-4.09 288	CIM2	14.76	-16.24	124.47	1.159	-0.025	-0.091
SOT1(N-4.09 288	CIM3 Max	41.19	9.40	285.31	7.193	10.842	0.518
SOT1(N-4.09 288	CIM3 Min	-15.81	-35.49	-80.42	-5.290	-10.686	-0.685
SOT1(N-4.09 288	CIM4 Max	48.51	17.84	356.78	9.995	6.601	0.743
SOT1(N-4.09 288	CIM4 Min	-23.14	-43.93	-151.89	-8.092	-6.444	-0.909
SOT1(N-4.09 288	CIM5 Max	35.70	1.46	256.71	5.809	8.092	0.364
SOT1(N-4.09 288	CIM5 Min	-7.22	-32.35	-18.78	-3.595	-8.091	-0.542
SOT1(N-4.09 288	CIM6 Max	41.18	7.78	310.20	7.906	4.917	0.532
SOT1(N-4.09 288	CIM6 Min	-12.70	-38.66	-72.28	-5.692	-4.916	-0.711
SOT1(N-4.09 288	CIM7 Max	36.11	14.62	244.33	6.812	10.811	0.552
SOT1(N-4.09 288	CIM7 Min	-20.89	-30.27	-121.40	-5.671	-10.717	-0.651
SOT1(N-4.09 288	CIM8 Max	43.44	23.05	315.80	9.614	6.569	0.776
SOT1(N-4.09 288	CIM8 Min	-28.21	-38.71	-192.87	-8.473	-6.475	-0.876
SOT1(N-4.09 288	ENVCIM Max	48.51	23.05	356.78	9.995	10.842	0.776
SOT1(N-4.09 288	ENVCIM Min	-28.21	-43.93	-192.87	-8.473	-10.717	-0.909
SOT1(N-4.09 228	CIM1	6.29	4.28	63.37	0.137	-0.122	0.008
SOT1(N-4.09 228	CIM2	8.02	5.39	79.38	0.164	-0.102	0.011
SOT1(N-4.09 228	CIM3 Max	20.85	31.86	235.97	8.326	4.172	0.195
SOT1(N-4.09 228	CIM3 Min	-8.26	-23.30	-109.23	-8.052	-4.416	-0.179
SOT1(N-4.09 228	CIM4 Max	17.47	32.71	200.11	10.577	3.392	0.259
SOT1(N-4.09 228	CIM4 Min	-4.88	-24.15	-73.37	-10.302	-3.637	-0.243
SOT1(N-4.09 228	CIM5 Max	18.54	25.87	205.18	6.324	3.123	0.151
SOT1(N-4.09 228	CIM5 Min	-3.36	-15.64	-54.43	-6.009	-3.336	-0.130
SOT1(N-4.09 228	CIM6 Max	16.00	26.51	178.34	8.009	2.540	0.199
SOT1(N-4.09 228	CIM6 Min	-0.83	-16.28	-27.59	-7.694	-2.753	-0.178
SOT1(N-4.09 228	CIM7 Max	18.33	30.15	210.62	8.271	4.221	0.192
SOT1(N-4.09 228	CIM7 Min	-10.78	-25.01	-134.58	-8.107	-4.367	-0.182
SOT1(N-4.09 228	CIM8 Max	14.95	31.00	174.76	10.522	3.441	0.256
SOT1(N-4.09 228	CIM8 Min	-7.40	-25.86	-98.71	-10.357	-3.588	-0.246
SOT1(N-4.09 228	ENVCIM Max	20.85	32.71	235.97	10.577	4.221	0.259
SOT1(N-4.09 228	ENVCIM Min	-10.78	-25.86	-134.58	-10.357	-4.416	-0.246
SOT1(N-4.09 236	CIM1	-8.01	5.47	83.11	-0.346	0.160	-0.015
SOT1(N-4.09 236	CIM2	-10.10	6.28	101.45	-0.355	0.176	-0.015
SOT1(N-4.09 236	CIM3 Max	5.79	46.04	266.25	11.384	4.144	0.278
SOT1(N-4.09 236	CIM3 Min	-21.81	-35.10	-100.03	-12.076	-3.824	-0.308
SOT1(N-4.09 236	CIM4 Max	2.81	45.51	226.03	13.056	3.477	0.322
SOT1(N-4.09 236	CIM4 Min	-18.83	-34.57	-59.80	-13.748	-3.157	-0.352
SOT1(N-4.09 236	CIM5 Max	0.80	36.60	234.59	8.477	3.168	0.205
SOT1(N-4.09 236	CIM5 Min	-19.96	-24.45	-40.86	-9.183	-2.825	-0.236
SOT1(N-4.09 236	CIM6 Max	-1.43	36.21	204.49	9.728	2.669	0.238
SOT1(N-4.09 236	CIM6 Min	-17.72	-24.05	-10.76	-10.434	-2.326	-0.269
SOT1(N-4.09 236	CIM7 Max	8.99	43.85	233.01	11.522	4.080	0.284
SOT1(N-4.09 236	CIM7 Min	-18.61	-37.29	-133.27	-11.938	-3.888	-0.302
SOT1(N-4.09 236	CIM8 Max	6.01	43.32	192.78	13.194	3.413	0.328
SOT1(N-4.09 236	CIM8 Min	-15.62	-36.76	-93.05	-13.609	-3.221	-0.346
SOT1(N-4.09 236	ENVCIM Max	8.99	46.04	266.25	13.194	4.144	0.328
SOT1(N-4.09 236	ENVCIM Min	-21.81	-37.29	-133.27	-13.748	-3.888	-0.352
SOT1(N-4.09 257	CIM1	-3.51	1.59	85.77	0.640	0.039	0.001
SOT1(N-4.09 257	CIM2	-4.05	1.79	105.69	0.954	0.194	0.002
SOT1(N-4.09 257	CIM3 Max	13.02	26.07	200.79	7.314	6.948	0.010
SOT1(N-4.09 257	CIM3 Min	-20.05	-22.88	-29.25	-6.033	-6.871	-0.008
SOT1(N-4.09 257	CIM4 Max	8.10	22.33	167.58	7.599	4.665	0.011
SOT1(N-4.09 257	CIM4 Min	-15.13	-19.14	3.97	-6.318	-4.587	-0.009
SOT1(N-4.09 257	CIM5 Max	8.52	20.15	187.19	5.898	5.350	0.008
SOT1(N-4.09 257	CIM5 Min	-16.35	-16.67	14.23	-4.147	-5.040	-0.005
SOT1(N-4.09 257	CIM6 Max	4.84	17.35	162.33	6.111	3.641	0.010
SOT1(N-4.09 257	CIM6 Min	-12.66	-13.87	39.09	-4.360	-3.330	-0.006
SOT1(N-4.09 257	CIM7 Max	14.43	25.43	166.48	7.058	6.933	0.010
SOT1(N-4.09 257	CIM7 Min	-18.65	-23.52	-63.56	-6.289	-6.886	-0.008
SOT1(N-4.09 257	CIM8 Max	9.51	21.69	133.27	7.343	4.649	0.011
SOT1(N-4.09 257	CIM8 Min	-13.72	-19.78	-30.34	-6.575	-4.603	-0.010
SOT1(N-4.09 257	ENVCIM Max	14.43	26.07	200.79	7.599	6.948	0.011
SOT1(N-4.09 257	ENVCIM Min	-20.05	-23.52	-63.56	-6.575	-6.886	-0.010





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 389 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 231	CIM1	-1.86	4.37	46.28	-1.458	-0.640	-0.001
SOT1(N-4.09 231	CIM2	-2.29	5.35	57.15	-1.967	-0.865	-0.002
SOT1(N-4.09 231	CIM3 Max	10.77	34.18	158.38	10.437	4.695	0.005
SOT1(N-4.09 231	CIM3 Min	-14.49	-25.45	-65.82	-13.353	-5.976	-0.006
SOT1(N-4.09 231	CIM4 Max	8.44	28.86	118.34	10.054	4.212	0.002
SOT1(N-4.09 231	CIM4 Min	-12.16	-20.13	-25.78	-12.971	-5.492	-0.004
SOT1(N-4.09 231	CIM5 Max	7.32	27.53	138.70	7.110	3.205	0.003
SOT1(N-4.09 231	CIM5 Min	-11.68	-17.33	-29.84	-10.790	-4.823	-0.006
SOT1(N-4.09 231	CIM6 Max	5.57	23.55	108.73	6.824	2.843	0.001
SOT1(N-4.09 231	CIM6 Min	-9.93	-13.34	0.13	-10.504	-4.461	-0.004
SOT1(N-4.09 231	CIM7 Max	11.52	32.44	139.87	11.020	4.951	0.005
SOT1(N-4.09 231	CIM7 Min	-13.75	-27.20	-84.33	-12.770	-5.720	-0.006
SOT1(N-4.09 231	CIM8 Max	9.18	27.12	99.83	10.638	4.468	0.003
SOT1(N-4.09 231	CIM8 Min	-11.41	-21.88	-44.29	-12.388	-5.236	-0.004
SOT1(N-4.09 231	ENVCIM Max	11.52	34.18	158.38	11.020	4.951	0.005
SOT1(N-4.09 231	ENVCIM Min	-14.49	-27.20	-84.33	-13.353	-5.976	-0.006
SOT1(N-4.09 256	CIM1	3.78	0.00	22.28	0.004	0.299	-0.007
SOT1(N-4.09 256	CIM2	4.89	0.00	27.77	0.005	0.426	-0.009
SOT1(N-4.09 256	CIM3 Max	13.81	0.01	59.03	0.050	3.902	-0.001
SOT1(N-4.09 256	CIM3 Min	-6.25	-0.02	-14.47	-0.042	-3.304	-0.012
SOT1(N-4.09 256	CIM4 Max	10.34	0.03	48.56	0.085	2.364	0.000
SOT1(N-4.09 256	CIM4 Min	-2.77	-0.03	-4.01	-0.077	-1.766	-0.013
SOT1(N-4.09 256	CIM5 Max	12.16	0.01	54.03	0.039	3.102	-0.004
SOT1(N-4.09 256	CIM5 Min	-2.93	-0.02	-1.23	-0.030	-2.314	-0.013
SOT1(N-4.09 256	CIM6 Max	9.56	0.02	46.20	0.066	1.951	-0.003
SOT1(N-4.09 256	CIM6 Min	-0.32	-0.02	6.60	-0.056	-1.163	-0.013
SOT1(N-4.09 256	CIM7 Max	12.30	0.02	50.12	0.048	3.783	0.002
SOT1(N-4.09 256	CIM7 Min	-7.76	-0.02	-23.38	-0.043	-3.424	-0.010
SOT1(N-4.09 256	CIM8 Max	8.83	0.03	39.65	0.084	2.244	0.003
SOT1(N-4.09 256	CIM8 Min	-4.29	-0.03	-12.92	-0.079	-1.885	-0.011
SOT1(N-4.09 256	ENVCIM Max	13.81	0.03	59.03	0.085	3.902	0.003
SOT1(N-4.09 256	ENVCIM Min	-7.76	-0.03	-23.38	-0.079	-3.424	-0.013
SOT1(N-4.09 258	CIM1	2.20	-0.85	73.66	1.070	-0.428	-0.001
SOT1(N-4.09 258	CIM2	2.45	-1.14	92.50	1.462	-0.618	-0.002
SOT1(N-4.09 258	CIM3 Max	14.82	16.75	192.82	6.464	5.402	0.008
SOT1(N-4.09 258	CIM3 Min	-10.43	-18.45	-45.51	-4.324	-6.259	-0.010
SOT1(N-4.09 258	CIM4 Max	11.76	18.44	157.57	8.238	3.529	0.011
SOT1(N-4.09 258	CIM4 Min	-7.37	-20.15	-10.25	-6.098	-4.386	-0.013
SOT1(N-4.09 258	CIM5 Max	11.89	12.19	177.39	5.427	3.813	0.005
SOT1(N-4.09 258	CIM5 Min	-7.11	-14.31	-1.81	-2.698	-4.955	-0.009
SOT1(N-4.09 258	CIM6 Max	9.59	13.45	151.00	6.754	2.411	0.007
SOT1(N-4.09 258	CIM6 Min	-4.82	-15.58	24.58	-4.026	-3.553	-0.011
SOT1(N-4.09 258	CIM7 Max	13.95	17.09	163.36	6.036	5.574	0.009
SOT1(N-4.09 258	CIM7 Min	-11.31	-18.11	-74.97	-4.752	-6.088	-0.010
SOT1(N-4.09 258	CIM8 Max	10.89	18.79	128.11	7.810	3.700	0.011
SOT1(N-4.09 258	CIM8 Min	-8.25	-19.81	-39.72	-6.526	-4.215	-0.013
SOT1(N-4.09 258	ENVCIM Max	14.82	18.79	192.82	8.238	5.574	0.011
SOT1(N-4.09 258	ENVCIM Min	-11.31	-20.15	-74.97	-6.526	-6.259	-0.013
SOT1(N-4.09 232	CIM1	0.89	2.07	41.35	-1.160	0.493	0.001
SOT1(N-4.09 232	CIM2	1.22	2.82	53.19	-1.757	0.757	0.001
SOT1(N-4.09 232	CIM3 Max	11.76	27.72	151.22	10.195	5.566	0.006
SOT1(N-4.09 232	CIM3 Min	-9.98	-23.57	-68.52	-12.514	-4.580	-0.005
SOT1(N-4.09 232	CIM4 Max	11.58	27.55	116.54	11.290	5.703	0.003
SOT1(N-4.09 232	CIM4 Min	-9.80	-23.40	-33.85	-13.609	-4.717	-0.002
SOT1(N-4.09 232	CIM5 Max	9.32	21.93	132.84	6.938	4.509	0.005
SOT1(N-4.09 232	CIM5 Min	-7.04	-16.66	-32.37	-10.154	-3.127	-0.003
SOT1(N-4.09 232	CIM6 Max	9.18	21.80	106.88	7.758	4.611	0.003
SOT1(N-4.09 232	CIM6 Min	-6.90	-16.53	-6.42	-10.974	-3.229	-0.001
SOT1(N-4.09 232	CIM7 Max	11.40	26.89	134.68	10.659	5.369	0.006
SOT1(N-4.09 232	CIM7 Min	-10.34	-24.40	-85.06	-12.050	-4.777	-0.005
SOT1(N-4.09 232	CIM8 Max	11.22	26.72	100.00	11.754	5.506	0.003
SOT1(N-4.09 232	CIM8 Min	-10.15	-24.23	-50.38	-13.145	-4.914	-0.003
SOT1(N-4.09 232	ENVCIM Max	11.76	27.72	151.22	11.754	5.703	0.006
SOT1(N-4.09 232	ENVCIM Min	-10.34	-24.40	-85.06	-13.609	-4.914	-0.005
SOT1(N-4.09 259	CIM1	-3.75	0.00	22.37	0.004	-0.391	0.008

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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 390 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 259	CIM2	-4.77	-0.01	27.32	0.006	-0.507	0.010
SOT1(N-4.09 259	CIM3 Max	5.55	0.03	57.88	0.086	3.027	0.014
SOT1(N-4.09 259	CIM3 Min	-13.04	-0.04	-13.14	-0.078	-3.808	0.002
SOT1(N-4.09 259	CIM4 Max	1.53	0.04	46.84	0.118	1.406	0.014
SOT1(N-4.09 259	CIM4 Min	-9.02	-0.05	-2.10	-0.110	-2.187	0.001
SOT1(N-4.09 259	CIM5 Max	2.47	0.02	52.78	0.067	2.090	0.013
SOT1(N-4.09 259	CIM5 Min	-11.50	-0.03	-0.62	-0.056	-3.047	0.005
SOT1(N-4.09 259	CIM6 Max	-0.54	0.03	44.51	0.091	0.877	0.014
SOT1(N-4.09 259	CIM6 Min	-8.49	-0.04	7.65	-0.080	-1.833	0.004
SOT1(N-4.09 259	CIM7 Max	7.05	0.03	48.93	0.084	3.183	0.010
SOT1(N-4.09 259	CIM7 Min	-11.54	-0.04	-22.09	-0.079	-3.652	-0.001
SOT1(N-4.09 259	CIM8 Max	3.02	0.04	37.89	0.116	1.562	0.011
SOT1(N-4.09 259	CIM8 Min	-7.52	-0.05	-11.05	-0.111	-2.031	-0.002
SOT1(N-4.09 259	ENVCIM Max	7.05	0.04	57.88	0.118	3.183	0.014
SOT1(N-4.09 259	ENVCIM Min	-13.04	-0.05	-22.09	-0.111	-3.808	-0.002
SOT1(N-4.09 230	CIM1	-2.47	0.00	7.73	0.005	-0.003	0.002
SOT1(N-4.09 230	CIM2	-3.01	-0.01	9.31	0.006	0.012	0.002
SOT1(N-4.09 230	CIM3 Max	6.12	0.06	36.63	0.014	0.760	0.007
SOT1(N-4.09 230	CIM3 Min	-11.07	-0.07	-21.18	-0.004	-0.766	-0.003
SOT1(N-4.09 230	CIM4 Max	4.44	0.08	27.99	0.022	0.498	0.006
SOT1(N-4.09 230	CIM4 Min	-9.38	-0.09	-12.54	-0.012	-0.504	-0.003
SOT1(N-4.09 230	CIM5 Max	3.59	0.04	30.65	0.013	0.582	0.006
SOT1(N-4.09 230	CIM5 Min	-9.34	-0.05	-12.82	-0.001	-0.565	-0.002
SOT1(N-4.09 230	CIM6 Max	2.33	0.06	24.18	0.019	0.386	0.005
SOT1(N-4.09 230	CIM6 Min	-8.08	-0.07	-6.36	-0.007	-0.369	-0.001
SOT1(N-4.09 230	CIM7 Max	7.11	0.06	33.54	0.012	0.761	0.006
SOT1(N-4.09 230	CIM7 Min	-10.08	-0.06	-24.27	-0.006	-0.765	-0.004
SOT1(N-4.09 230	CIM8 Max	5.43	0.08	24.90	0.020	0.499	0.005
SOT1(N-4.09 230	CIM8 Min	-8.39	-0.09	-15.63	-0.014	-0.503	-0.003
SOT1(N-4.09 230	ENVCIM Max	7.11	0.08	36.63	0.022	0.761	0.007
SOT1(N-4.09 230	ENVCIM Min	-11.07	-0.09	-24.27	-0.014	-0.766	-0.004
SOT1(N-4.09 233	CIM1	2.74	-0.02	8.13	0.008	-0.005	-0.003
SOT1(N-4.09 233	CIM2	3.46	-0.02	10.24	0.010	-0.019	-0.004
SOT1(N-4.09 233	CIM3 Max	11.06	0.05	36.39	0.027	0.708	0.002
SOT1(N-4.09 233	CIM3 Min	-5.58	-0.08	-20.13	-0.011	-0.717	-0.007
SOT1(N-4.09 233	CIM4 Max	9.20	0.07	27.52	0.034	0.403	0.001
SOT1(N-4.09 233	CIM4 Min	-3.72	-0.10	-11.27	-0.019	-0.412	-0.006
SOT1(N-4.09 233	CIM5 Max	9.54	0.03	30.96	0.024	0.520	0.000
SOT1(N-4.09 233	CIM5 Min	-2.98	-0.07	-11.53	-0.005	-0.551	-0.007
SOT1(N-4.09 233	CIM6 Max	8.14	0.04	24.32	0.029	0.292	-0.001
SOT1(N-4.09 233	CIM6 Min	-1.59	-0.08	-4.90	-0.010	-0.322	-0.006
SOT1(N-4.09 233	CIM7 Max	9.97	0.06	33.14	0.024	0.710	0.003
SOT1(N-4.09 233	CIM7 Min	-6.68	-0.07	-23.39	-0.014	-0.715	-0.006
SOT1(N-4.09 233	CIM8 Max	8.11	0.08	24.27	0.031	0.404	0.002
SOT1(N-4.09 233	CIM8 Min	-4.82	-0.09	-14.52	-0.022	-0.410	-0.005
SOT1(N-4.09 233	ENVCIM Max	11.06	0.08	36.39	0.034	0.710	0.003
SOT1(N-4.09 233	ENVCIM Min	-6.68	-0.10	-23.39	-0.022	-0.717	-0.007
SOT1(N-4.09 193	CIM1	0.94	0.09	133.32	-0.018	0.509	-0.006
SOT1(N-4.09 193	CIM2	0.63	-0.05	169.43	0.177	0.214	-0.009
SOT1(N-4.09 193	CIM3 Max	6.71	1.43	243.46	1.206	21.935	0.186
SOT1(N-4.09 193	CIM3 Min	-4.83	-1.24	23.19	-1.243	-20.918	-0.198
SOT1(N-4.09 193	CIM4 Max	4.47	1.88	179.53	1.040	10.781	0.147
SOT1(N-4.09 193	CIM4 Min	-2.59	-1.70	87.12	-1.077	-9.764	-0.160
SOT1(N-4.09 193	CIM5 Max	5.04	0.99	243.15	1.050	16.388	0.136
SOT1(N-4.09 193	CIM5 Min	-3.63	-1.02	77.66	-0.793	-15.812	-0.153
SOT1(N-4.09 193	CIM6 Max	3.37	1.32	195.30	0.925	8.040	0.107
SOT1(N-4.09 193	CIM6 Min	-1.96	-1.36	125.51	-0.669	-7.464	-0.124
SOT1(N-4.09 193	CIM7 Max	6.33	1.39	190.13	1.214	21.732	0.188
SOT1(N-4.09 193	CIM7 Min	-5.20	-1.28	-30.14	-1.236	-21.121	-0.196
SOT1(N-4.09 193	CIM8 Max	4.10	1.84	126.20	1.048	10.578	0.150
SOT1(N-4.09 193	CIM8 Min	-2.97	-1.73	33.79	-1.070	-9.967	-0.157
SOT1(N-4.09 193	ENVCIM Max	6.71	1.88	243.46	1.214	21.935	0.188
SOT1(N-4.09 193	ENVCIM Min	-5.20	-1.73	-30.14	-1.243	-21.121	-0.198
SOT1(N-4.09 207	CIM1	-1.22	-0.29	129.43	0.470	-1.664	-0.006
SOT1(N-4.09 207	CIM2	-0.93	-0.56	166.92	0.830	-1.351	-0.009




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 391 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 207	CIM3 Max	4.31	0.67	239.06	2.061	19.587	0.186
SOT1(N-4.09 207	CIM3 Min	-6.74	-1.26	19.79	-1.121	-22.915	-0.198
SOT1(N-4.09 207	CIM4 Max	1.79	1.01	179.55	2.026	8.295	0.147
SOT1(N-4.09 207	CIM4 Min	-4.22	-1.59	79.31	-1.086	-11.622	-0.160
SOT1(N-4.09 207	CIM5 Max	3.15	0.23	239.92	1.937	14.539	0.136
SOT1(N-4.09 207	CIM5 Min	-5.15	-1.22	75.17	-0.457	-17.397	-0.153
SOT1(N-4.09 207	CIM6 Max	1.27	0.48	195.38	1.911	6.087	0.107
SOT1(N-4.09 207	CIM6 Min	-3.26	-1.47	119.71	-0.431	-8.946	-0.124
SOT1(N-4.09 207	CIM7 Max	4.79	0.79	187.29	1.873	20.253	0.188
SOT1(N-4.09 207	CIM7 Min	-6.25	-1.14	-31.98	-1.309	-22.249	-0.196
SOT1(N-4.09 207	CIM8 Max	2.27	1.12	127.77	1.838	8.961	0.150
SOT1(N-4.09 207	CIM8 Min	-3.73	-1.48	27.54	-1.274	-10.957	-0.157
SOT1(N-4.09 207	ENVCIM Max	4.79	1.12	239.92	2.061	20.253	0.188
SOT1(N-4.09 207	ENVCIM Min	-6.74	-1.59	-31.98	-1.309	-22.915	-0.198
SOT1(N-4.09 337	CIM1	3.86	-0.21	99.77	1.224	0.801	0.014
SOT1(N-4.09 337	CIM2	4.80	-0.29	127.04	1.892	1.069	0.023
SOT1(N-4.09 337	CIM3 Max	18.65	0.29	120.62	2.632	6.309	0.015
SOT1(N-4.09 337	CIM3 Min	-10.92	-0.71	78.91	-0.184	-4.706	0.014
SOT1(N-4.09 337	CIM4 Max	12.82	0.44	111.65	3.099	4.177	0.015
SOT1(N-4.09 337	CIM4 Min	-5.09	-0.86	87.88	-0.651	-2.575	0.014
SOT1(N-4.09 337	CIM5 Max	15.68	0.11	135.90	2.785	5.142	0.022
SOT1(N-4.09 337	CIM5 Min	-6.55	-0.65	104.55	0.665	-3.138	0.020
SOT1(N-4.09 337	CIM6 Max	11.32	0.22	129.19	3.136	3.547	0.022
SOT1(N-4.09 337	CIM6 Min	-2.18	-0.76	111.26	0.315	-1.542	0.020
SOT1(N-4.09 337	CIM7 Max	17.10	0.37	80.71	2.142	5.988	0.010
SOT1(N-4.09 337	CIM7 Min	-12.47	-0.63	39.01	-0.673	-5.027	0.008
SOT1(N-4.09 337	CIM8 Max	11.28	0.52	71.75	2.610	3.857	0.009
SOT1(N-4.09 337	CIM8 Min	-6.64	-0.78	47.97	-1.141	-2.895	0.008
SOT1(N-4.09 337	ENVCIM Max	18.65	0.52	135.90	3.136	6.309	0.023
SOT1(N-4.09 337	ENVCIM Min	-12.47	-0.86	39.01	-1.141	-5.027	0.008
SOT1(N-4.09 331	CIM1	0.97	-0.30	93.97	1.363	-0.039	-0.008
SOT1(N-4.09 331	CIM2	0.80	-0.50	120.09	2.203	-0.092	-0.013
SOT1(N-4.09 331	CIM3 Max	15.58	-0.16	113.54	1.948	5.487	-0.005
SOT1(N-4.09 331	CIM3 Min	-13.65	-0.45	74.40	0.777	-5.564	-0.012
SOT1(N-4.09 331	CIM4 Max	9.70	-0.03	104.99	2.448	3.299	-0.002
SOT1(N-4.09 331	CIM4 Min	-7.77	-0.57	82.94	0.277	-3.376	-0.014
SOT1(N-4.09 331	CIM5 Max	11.82	-0.34	128.26	2.434	4.075	-0.009
SOT1(N-4.09 331	CIM5 Min	-10.15	-0.56	98.85	1.552	-4.232	-0.014
SOT1(N-4.09 331	CIM6 Max	7.42	-0.25	121.87	2.809	2.437	-0.007
SOT1(N-4.09 331	CIM6 Min	-5.75	-0.65	105.24	1.178	-2.594	-0.016
SOT1(N-4.09 331	CIM7 Max	15.19	-0.04	75.95	1.403	5.503	-0.002
SOT1(N-4.09 331	CIM7 Min	-14.04	-0.33	36.81	0.232	-5.549	-0.008
SOT1(N-4.09 331	CIM8 Max	9.31	0.09	67.40	1.903	3.314	0.001
SOT1(N-4.09 331	CIM8 Min	-8.15	-0.45	45.36	-0.268	-3.360	-0.011
SOT1(N-4.09 331	ENVCIM Max	15.58	0.09	128.26	2.809	5.503	0.001
SOT1(N-4.09 331	ENVCIM Min	-14.04	-0.65	36.81	-0.268	-5.564	-0.016
SOT1(N-4.09 329	CIM1	15.89	-0.81	42.85	0.565	0.221	-0.218
SOT1(N-4.09 329	CIM2	20.48	-1.31	55.12	0.912	0.261	-0.352
SOT1(N-4.09 329	CIM3 Max	37.26	-0.66	113.05	0.853	2.280	-0.121
SOT1(N-4.09 329	CIM3 Min	-5.48	-0.95	-27.35	0.277	-1.839	-0.314
SOT1(N-4.09 329	CIM4 Max	28.38	-0.68	83.79	1.055	1.473	-0.054
SOT1(N-4.09 329	CIM4 Min	3.41	-0.94	1.92	0.074	-1.032	-0.381
SOT1(N-4.09 329	CIM5 Max	35.40	-1.07	104.82	1.042	1.799	-0.245
SOT1(N-4.09 329	CIM5 Min	3.27	-1.29	-0.71	0.608	-1.297	-0.391
SOT1(N-4.09 329	CIM6 Max	28.75	-1.08	82.92	1.194	1.195	-0.195
SOT1(N-4.09 329	CIM6 Min	9.92	-1.28	21.19	0.456	-0.693	-0.441
SOT1(N-4.09 329	CIM7 Max	30.90	-0.34	95.91	0.627	2.192	-0.034
SOT1(N-4.09 329	CIM7 Min	-11.83	-0.63	-44.49	0.051	-1.927	-0.227
SOT1(N-4.09 329	CIM8 Max	22.02	-0.35	66.65	0.829	1.385	0.033
SOT1(N-4.09 329	CIM8 Min	-2.95	-0.62	-15.23	-0.152	-1.120	-0.294
SOT1(N-4.09 329	ENVCIM Max	37.26	-0.34	113.05	1.194	2.280	0.033
SOT1(N-4.09 329	ENVCIM Min	-11.83	-1.31	-44.49	-0.152	-1.927	-0.441
SOT1(N-4.09 332	CIM1	-17.09	-0.58	60.44	0.642	-0.381	0.156
SOT1(N-4.09 332	CIM2	-21.96	-0.95	76.76	1.043	-0.511	0.255
SOT1(N-4.09 332	CIM3 Max	-1.42	-0.37	126.18	0.913	2.914	0.215



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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 392 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 332	CIM3 Min	-32.76	-0.78	-5.30	0.370	-3.676	0.098
SOT1(N-4.09 332	CIM4 Max	-7.68	-0.37	99.30	1.195	1.609	0.279
SOT1(N-4.09 332	CIM4 Min	-26.50	-0.78	21.58	0.088	-2.371	0.034
SOT1(N-4.09 332	CIM5 Max	-8.96	-0.70	122.10	1.147	1.998	0.275
SOT1(N-4.09 332	CIM5 Min	-32.52	-1.01	23.27	0.738	-2.956	0.187
SOT1(N-4.09 332	CIM6 Max	-13.65	-0.70	101.97	1.358	1.021	0.323
SOT1(N-4.09 332	CIM6 Min	-27.83	-1.01	43.39	0.527	-1.979	0.138
SOT1(N-4.09 332	CIM7 Max	5.41	-0.14	102.01	0.656	3.066	0.152
SOT1(N-4.09 332	CIM7 Min	-25.92	-0.55	-29.48	0.113	-3.524	0.035
SOT1(N-4.09 332	CIM8 Max	-0.84	-0.14	75.12	0.938	1.761	0.217
SOT1(N-4.09 332	CIM8 Min	-19.67	-0.55	-2.59	-0.168	-2.218	-0.029
SOT1(N-4.09 332	ENVCIM Max	5.41	-0.14	126.18	1.358	3.066	0.323
SOT1(N-4.09 332	ENVCIM Min	-32.76	-1.01	-29.48	-0.168	-3.676	-0.029
SOT1(N-4.09 339	CIM1	-16.95	-1.10	47.06	0.612	0.134	0.277
SOT1(N-4.09 339	CIM2	-21.53	-1.70	59.40	0.927	0.187	0.417
SOT1(N-4.09 339	CIM3 Max	4.65	-0.91	117.77	1.223	2.187	0.470
SOT1(N-4.09 339	CIM3 Min	-38.54	-1.28	-23.65	0.000	-1.918	0.084
SOT1(N-4.09 339	CIM4 Max	-4.25	-0.93	88.42	1.398	1.406	0.519
SOT1(N-4.09 339	CIM4 Min	-29.65	-1.26	5.70	-0.175	-1.137	0.035
SOT1(N-4.09 339	CIM5 Max	-4.15	-1.41	109.46	1.309	1.717	0.527
SOT1(N-4.09 339	CIM5 Min	-36.62	-1.69	3.17	0.388	-1.369	0.237
SOT1(N-4.09 339	CIM6 Max	-10.81	-1.42	87.49	1.440	1.133	0.564
SOT1(N-4.09 339	CIM6 Min	-29.96	-1.67	25.13	0.257	-0.784	0.200
SOT1(N-4.09 339	CIM7 Max	11.43	-0.47	98.94	0.979	2.133	0.359
SOT1(N-4.09 339	CIM7 Min	-31.77	-0.85	-42.47	-0.245	-1.972	-0.027
SOT1(N-4.09 339	CIM8 Max	2.53	-0.50	69.60	1.153	1.352	0.408
SOT1(N-4.09 339	CIM8 Min	-22.87	-0.82	-13.12	-0.419	-1.191	-0.076
SOT1(N-4.09 339	ENVCIM Max	11.43	-0.47	117.77	1.440	2.187	0.564
SOT1(N-4.09 339	ENVCIM Min	-38.54	-1.70	-42.47	-0.419	-1.972	-0.076
SOT1(N-4.09 229	CIM1	-4.55	-6.78	64.90	1.229	-0.153	-0.011
SOT1(N-4.09 229	CIM2	-5.58	-7.64	78.65	1.328	-0.122	-0.013
SOT1(N-4.09 229	CIM3 Max	8.02	11.49	135.85	7.618	4.867	0.195
SOT1(N-4.09 229	CIM3 Min	-17.12	-25.06	-6.04	-5.160	-5.173	-0.217
SOT1(N-4.09 229	CIM4 Max	16.04	22.50	155.09	11.455	3.804	0.298
SOT1(N-4.09 229	CIM4 Min	-25.14	-36.07	-25.29	-8.997	-4.109	-0.320
SOT1(N-4.09 229	CIM5 Max	4.15	6.35	128.64	6.118	3.646	0.143
SOT1(N-4.09 229	CIM5 Min	-14.80	-21.20	21.79	-3.512	-3.905	-0.168
SOT1(N-4.09 229	CIM6 Max	10.15	14.59	143.04	8.990	2.849	0.220
SOT1(N-4.09 229	CIM6 Min	-20.80	-29.44	7.39	-6.384	-3.109	-0.245
SOT1(N-4.09 229	CIM7 Max	9.84	14.21	109.89	7.126	4.929	0.199
SOT1(N-4.09 229	CIM7 Min	-15.30	-22.35	-32.00	-5.652	-5.112	-0.213
SOT1(N-4.09 229	CIM8 Max	17.86	25.21	129.13	10.963	3.865	0.302
SOT1(N-4.09 229	CIM8 Min	-23.32	-33.35	-51.25	-9.489	-4.048	-0.316
SOT1(N-4.09 229	ENVCIM Max	17.86	25.21	155.09	11.455	4.929	0.302
SOT1(N-4.09 229	ENVCIM Min	-25.14	-36.07	-51.25	-9.489	-5.173	-0.320
SOT1(N-4.09 235	CIM1	6.87	-9.63	80.42	1.103	0.185	0.025
SOT1(N-4.09 235	CIM2	8.31	-11.15	98.51	1.170	0.192	0.030
SOT1(N-4.09 235	CIM3 Max	21.72	16.40	149.34	10.223	4.798	0.355
SOT1(N-4.09 235	CIM3 Min	-7.99	-35.66	11.50	-8.018	-4.428	-0.304
SOT1(N-4.09 235	CIM4 Max	27.54	27.18	165.39	14.079	3.759	0.465
SOT1(N-4.09 235	CIM4 Min	-13.80	-46.43	-4.55	-11.874	-3.389	-0.414
SOT1(N-4.09 235	CIM5 Max	19.14	8.84	145.88	8.023	3.660	0.277
SOT1(N-4.09 235	CIM5 Min	-3.24	-30.38	42.10	-5.717	-3.279	-0.219
SOT1(N-4.09 235	CIM6 Max	23.49	16.90	157.89	10.910	2.882	0.360
SOT1(N-4.09 235	CIM6 Min	-7.59	-38.44	30.08	-8.604	-2.501	-0.302
SOT1(N-4.09 235	CIM7 Max	18.97	20.25	117.17	9.782	4.724	0.345
SOT1(N-4.09 235	CIM7 Min	-10.73	-31.81	-20.67	-8.459	-4.502	-0.314
SOT1(N-4.09 235	CIM8 Max	24.79	31.03	133.22	13.638	3.685	0.455
SOT1(N-4.09 235	CIM8 Min	-16.55	-42.58	-36.72	-12.315	-3.463	-0.424
SOT1(N-4.09 235	ENVCIM Max	27.54	31.03	165.39	14.079	4.798	0.465
SOT1(N-4.09 235	ENVCIM Min	-16.55	-46.43	-36.72	-12.315	-4.502	-0.424
SOT1(N-4.09 375	CIM1	0.56	-0.41	35.10	0.655	0.708	0.003
SOT1(N-4.09 375	CIM2	1.07	-0.45	46.28	0.723	1.431	0.004
SOT1(N-4.09 375	CIM3 Max	2.82	0.56	36.70	2.451	6.708	0.082
SOT1(N-4.09 375	CIM3 Min	-1.70	-1.38	33.49	-1.142	-5.291	-0.075

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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 393 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 375	CIM4 Max	2.05	0.97	36.78	3.740	4.555	0.068
SOT1(N-4.09 375	CIM4 Min	-0.92	-1.79	33.42	-2.431	-3.139	-0.062
SOT1(N-4.09 375	CIM5 Max	2.64	0.29	44.69	2.060	5.760	0.063
SOT1(N-4.09 375	CIM5 Min	-0.76	-1.17	42.27	-0.648	-3.260	-0.056
SOT1(N-4.09 375	CIM6 Max	2.06	0.60	44.75	3.025	4.149	0.052
SOT1(N-4.09 375	CIM6 Min	-0.18	-1.47	42.22	-1.613	-1.649	-0.045
SOT1(N-4.09 375	CIM7 Max	2.60	0.72	22.67	2.189	6.425	0.080
SOT1(N-4.09 375	CIM7 Min	-1.92	-1.21	19.45	-1.403	-5.575	-0.077
SOT1(N-4.09 375	CIM8 Max	1.82	1.13	22.74	3.478	4.272	0.067
SOT1(N-4.09 375	CIM8 Min	-1.15	-1.62	19.38	-2.692	-3.422	-0.063
SOT1(N-4.09 375	ENVCIM Max	2.82	1.13	46.28	3.740	6.708	0.082
SOT1(N-4.09 375	ENVCIM Min	-1.92	-1.79	19.38	-2.692	-5.575	-0.077
SOT1(N-4.09 355	CIM1	1.32	0.17	47.19	-0.197	1.811	0.003
SOT1(N-4.09 355	CIM2	2.08	-0.44	69.09	0.694	2.899	0.004
SOT1(N-4.09 355	CIM3 Max	3.44	0.73	47.82	1.190	7.453	0.082
SOT1(N-4.09 355	CIM3 Min	-0.80	-0.39	46.57	-1.584	-3.830	-0.075
SOT1(N-4.09 355	CIM4 Max	2.66	1.34	48.52	2.681	5.314	0.068
SOT1(N-4.09 355	CIM4 Min	-0.02	-1.00	45.86	-3.076	-1.691	-0.062
SOT1(N-4.09 355	CIM5 Max	3.48	0.14	64.08	1.518	6.868	0.063
SOT1(N-4.09 355	CIM5 Min	0.29	-0.71	63.14	-0.575	-1.613	-0.056
SOT1(N-4.09 355	CIM6 Max	2.90	0.60	64.61	2.634	5.267	0.052
SOT1(N-4.09 355	CIM6 Min	0.88	-1.16	62.61	-1.692	-0.012	-0.045
SOT1(N-4.09 355	CIM7 Max	2.91	0.66	28.94	1.268	6.728	0.080
SOT1(N-4.09 355	CIM7 Min	-1.33	-0.46	27.69	-1.505	-4.555	-0.077
SOT1(N-4.09 355	CIM8 Max	2.13	1.28	29.65	2.760	4.589	0.067
SOT1(N-4.09 355	CIM8 Min	-0.55	-1.07	26.98	-2.997	-2.415	-0.063
SOT1(N-4.09 355	ENVCIM Max	3.48	1.34	69.09	2.760	7.453	0.082
SOT1(N-4.09 355	ENVCIM Min	-1.33	-1.16	26.98	-3.076	-4.555	-0.077
SOT1(N-4.09 334	CIM1	-0.04	1.17	15.93	-1.634	-0.145	0.003
SOT1(N-4.09 334	CIM2	-0.01	2.00	21.55	-2.824	-0.106	0.004
SOT1(N-4.09 334	CIM3 Max	2.47	1.59	16.53	-0.436	5.931	0.082
SOT1(N-4.09 334	CIM3 Min	-2.55	0.74	15.33	-2.832	-6.221	-0.075
SOT1(N-4.09 334	CIM4 Max	1.41	2.03	17.16	0.798	3.382	0.068
SOT1(N-4.09 334	CIM4 Min	-1.49	0.30	14.69	-4.065	-3.672	-0.062
SOT1(N-4.09 334	CIM5 Max	1.87	2.11	20.60	-1.623	4.451	0.063
SOT1(N-4.09 334	CIM5 Min	-1.90	1.47	19.69	-3.430	-4.683	-0.056
SOT1(N-4.09 334	CIM6 Max	1.07	2.44	21.07	-0.699	2.543	0.052
SOT1(N-4.09 334	CIM6 Min	-1.11	1.14	19.22	-4.354	-2.775	-0.045
SOT1(N-4.09 334	CIM7 Max	2.48	1.13	10.15	0.218	5.989	0.080
SOT1(N-4.09 334	CIM7 Min	-2.53	0.27	8.96	-2.178	-6.163	-0.077
SOT1(N-4.09 334	CIM8 Max	1.42	1.56	10.79	1.451	3.440	0.067
SOT1(N-4.09 334	CIM8 Min	-1.47	-0.16	8.32	-3.412	-3.614	-0.063
SOT1(N-4.09 334	ENVCIM Max	2.48	2.44	21.55	1.451	5.989	0.082
SOT1(N-4.09 334	ENVCIM Min	-2.55	-0.16	8.32	-4.354	-6.221	-0.077
SOT1(N-4.09 382	CIM1	-8.22	-8.17	35.96	2.485	-1.188	-0.006
SOT1(N-4.09 382	CIM2	-9.52	-9.73	41.03	2.766	-0.832	0.005
SOT1(N-4.09 382	CIM3 Max	56.43	46.74	44.45	23.274	24.796	0.255
SOT1(N-4.09 382	CIM3 Min	-72.87	-63.08	27.47	-18.304	-27.171	-0.267
SOT1(N-4.09 382	CIM4 Max	43.32	36.02	50.03	18.700	18.135	0.231
SOT1(N-4.09 382	CIM4 Min	-59.76	-52.36	21.88	-13.730	-20.510	-0.243
SOT1(N-4.09 382	CIM5 Max	39.43	31.96	46.16	18.330	18.618	0.198
SOT1(N-4.09 382	CIM5 Min	-57.82	-50.63	33.37	-12.938	-20.460	-0.194
SOT1(N-4.09 382	CIM6 Max	29.61	23.93	50.35	14.907	13.632	0.180
SOT1(N-4.09 382	CIM6 Min	-48.00	-42.61	29.18	-9.515	-15.474	-0.176
SOT1(N-4.09 382	CIM7 Max	59.72	50.00	30.06	22.280	25.271	0.257
SOT1(N-4.09 382	CIM7 Min	-69.59	-59.81	13.09	-19.298	-26.696	-0.265
SOT1(N-4.09 382	CIM8 Max	46.61	39.29	35.65	17.706	18.610	0.233
SOT1(N-4.09 382	CIM8 Min	-56.47	-49.09	7.50	-14.724	-20.035	-0.241
SOT1(N-4.09 382	ENVCIM Max	59.72	50.00	50.35	23.274	25.271	0.257
SOT1(N-4.09 382	ENVCIM Min	-72.87	-63.08	7.50	-19.298	-27.171	-0.267
BASE 3	CIM1	9.53	18.95	157.60	-3.351	2.737	-0.027
BASE 3	CIM2	12.10	25.94	195.04	-4.526	3.558	-0.039
BASE 3	CIM3 Max	53.36	30.29	167.42	0.094	18.343	-0.014
BASE 3	CIM3 Min	-34.29	7.62	147.78	-6.797	-12.869	-0.040
BASE 3	CIM4 Max	32.48	23.46	170.99	-1.846	10.222	-0.019



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 394 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

BASE	3	CIM4 Min	-13.41	14.44	144.20	-4.857	-4.748	-0.035
BASE	3	CIM5 Max	44.39	32.71	193.08	-1.643	15.080	-0.026
BASE	3	CIM5 Min	-21.48	15.68	178.29	-6.821	-8.374	-0.046
BASE	3	CIM6 Max	28.77	27.60	195.75	-3.096	9.001	-0.030
BASE	3	CIM6 Min	-5.85	20.79	175.61	-5.369	-2.296	-0.042
BASE	3	CIM7 Max	49.54	22.70	104.38	1.435	17.248	-0.003
BASE	3	CIM7 Min	-38.10	0.04	84.74	-5.457	-13.964	-0.030
BASE	3	CIM8 Max	28.67	15.88	107.95	-0.506	9.127	-0.008
BASE	3	CIM8 Min	-17.23	6.86	81.16	-3.516	-5.843	-0.024
BASE	3	ENVCIM Max	53.36	32.71	195.75	1.435	18.343	-0.003
BASE	3	ENVCIM Min	-38.10	0.04	81.16	-6.821	-13.964	-0.046
BASE	34	CIM1	0.54	-0.99	141.35	3.107	-3.265	0.010
BASE	34	CIM2	0.81	-0.58	187.22	4.569	-4.368	0.013
BASE	34	CIM3 Max	4.79	8.44	148.21	5.988	0.479	0.063
BASE	34	CIM3 Min	-3.71	-10.41	134.49	0.226	-7.009	-0.043
BASE	34	CIM4 Max	3.06	2.93	146.30	4.334	-1.264	0.041
BASE	34	CIM4 Min	-1.98	-4.91	136.40	1.879	-5.266	-0.022
BASE	34	CIM5 Max	3.94	6.40	180.91	6.368	-1.279	0.052
BASE	34	CIM5 Min	-2.45	-7.76	170.60	2.039	-6.906	-0.028
BASE	34	CIM6 Max	2.64	2.28	179.48	5.131	-2.583	0.036
BASE	34	CIM6 Min	-1.16	-3.64	172.03	3.277	-5.602	-0.012
BASE	34	CIM7 Max	4.58	8.83	91.67	4.745	1.785	0.059
BASE	34	CIM7 Min	-3.93	-10.02	77.95	-1.017	-5.703	-0.047
BASE	34	CIM8 Max	2.84	3.33	89.76	3.092	0.042	0.037
BASE	34	CIM8 Min	-2.20	-4.51	79.86	0.636	-3.960	-0.026
BASE	34	ENVCIM Max	4.79	8.83	187.22	6.368	1.785	0.063
BASE	34	ENVCIM Min	-3.93	-10.41	77.95	-1.017	-7.009	-0.047
BASE	40	CIM1	-1.05	13.79	176.37	-1.890	-1.300	-0.003
BASE	40	CIM2	-1.39	17.98	216.84	-2.152	-1.711	-0.004
BASE	40	CIM3 Max	-0.36	37.91	230.06	3.732	0.414	0.019
BASE	40	CIM3 Min	-1.74	-10.33	122.67	-7.513	-3.015	-0.026
BASE	40	CIM4 Max	-0.67	32.33	205.03	3.272	-0.399	0.009
BASE	40	CIM4 Min	-1.43	-4.76	147.70	-7.053	-2.202	-0.016
BASE	40	CIM5 Max	-0.79	35.07	247.07	2.143	-0.320	0.013
BASE	40	CIM5 Min	-1.82	-1.20	166.36	-6.316	-2.896	-0.021
BASE	40	CIM6 Max	-1.02	30.90	228.34	1.799	-0.928	0.006
BASE	40	CIM6 Min	-1.60	2.97	185.10	-5.972	-2.288	-0.014
BASE	40	CIM7 Max	0.06	32.39	159.52	4.488	0.934	0.021
BASE	40	CIM7 Min	-1.32	-15.84	52.12	-6.757	-2.495	-0.025
BASE	40	CIM8 Max	-0.25	26.82	134.49	4.028	0.122	0.011
BASE	40	CIM8 Min	-1.01	-10.27	77.16	-6.296	-1.682	-0.015
BASE	40	ENVCIM Max	0.06	37.91	247.07	4.488	0.934	0.021
BASE	40	ENVCIM Min	-1.82	-15.84	52.12	-7.513	-3.015	-0.026
BASE	5	CIM1	-6.48	2.51	153.27	-2.938	-1.676	0.000
BASE	5	CIM2	-8.08	3.75	184.63	-4.363	-1.941	0.001
BASE	5	CIM3 Max	43.08	2.75	170.78	-2.616	9.059	0.027
BASE	5	CIM3 Min	-56.03	2.28	135.76	-3.260	-12.411	-0.026
BASE	5	CIM4 Max	25.78	2.77	170.52	-2.680	6.056	0.022
BASE	5	CIM4 Min	-38.73	2.26	136.02	-3.196	-9.408	-0.021
BASE	5	CIM5 Max	29.58	3.61	189.97	-3.765	6.197	0.021
BASE	5	CIM5 Min	-44.93	3.27	163.61	-4.249	-9.947	-0.019
BASE	5	CIM6 Max	16.63	3.63	189.77	-3.812	3.949	0.017
BASE	5	CIM6 Min	-31.98	3.25	163.81	-4.202	-7.699	-0.015
BASE	5	CIM7 Max	45.67	1.74	109.48	-1.441	9.730	0.027
BASE	5	CIM7 Min	-53.44	1.28	74.45	-2.085	-11.741	-0.026
BASE	5	CIM8 Max	28.37	1.76	109.21	-1.504	6.726	0.021
BASE	5	CIM8 Min	-36.14	1.25	74.72	-2.021	-8.737	-0.021
BASE	5	ENVCIM Max	45.67	3.75	189.97	-1.441	9.730	0.027
BASE	5	ENVCIM Min	-56.03	1.25	74.45	-4.363	-12.411	-0.026
BASE	4	CIM1	1.39	0.61	176.19	-0.811	-2.433	-0.017
BASE	4	CIM2	2.23	0.91	213.08	-1.181	-3.090	-0.022
BASE	4	CIM3 Max	90.67	1.07	179.49	-0.081	14.059	0.013
BASE	4	CIM3 Min	-87.89	0.16	172.90	-1.541	-18.925	-0.048
BASE	4	CIM4 Max	48.30	1.16	182.13	-0.323	7.475	0.004
BASE	4	CIM4 Min	-45.51	0.07	170.25	-1.300	-12.341	-0.039





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 395 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

BASE	4	CIM5 Max	69.12	1.18	206.34	-0.540	9.470	0.003
BASE	4	CIM5 Min	-65.07	0.49	201.38	-1.637	-15.322	-0.044
BASE	4	CIM6 Max	37.40	1.24	208.33	-0.721	4.543	-0.004
BASE	4	CIM6 Min	-33.36	0.42	199.40	-1.457	-10.395	-0.037
BASE	4	CIM7 Max	90.12	0.82	109.01	0.243	15.032	0.020
BASE	4	CIM7 Min	-88.44	-0.09	102.42	-1.216	-17.951	-0.041
BASE	4	CIM8 Max	47.74	0.91	111.66	0.002	8.449	0.011
BASE	4	CIM8 Min	-46.07	-0.18	99.78	-0.975	-11.368	-0.032
BASE	4	ENVCIM Max	90.67	1.24	213.08	0.243	15.032	0.020
BASE	4	ENVCIM Min	-88.44	-0.18	99.78	-1.637	-18.925	-0.048
BASE	38	CIM1	-2.91	-1.33	208.35	1.544	-3.194	0.000
BASE	38	CIM2	-4.08	-1.99	282.12	2.318	-4.449	0.000
BASE	38	CIM3 Max	-2.14	-1.27	230.54	1.650	-1.292	0.017
BASE	38	CIM3 Min	-3.68	-1.38	186.16	1.438	-5.097	-0.016
BASE	38	CIM4 Max	-2.48	-1.27	217.98	1.669	-2.202	0.013
BASE	38	CIM4 Min	-3.34	-1.38	198.71	1.419	-4.187	-0.013
BASE	38	CIM5 Max	-3.21	-1.78	280.36	2.204	-2.706	0.013
BASE	38	CIM5 Min	-4.37	-1.87	247.01	2.044	-5.565	-0.012
BASE	38	CIM6 Max	-3.47	-1.78	270.96	2.218	-3.387	0.010
BASE	38	CIM6 Min	-4.11	-1.87	256.41	2.030	-4.884	-0.009
BASE	38	CIM7 Max	-0.98	-0.74	147.20	1.033	-0.014	0.016
BASE	38	CIM7 Min	-2.52	-0.85	102.82	0.820	-3.819	-0.016
BASE	38	CIM8 Max	-1.32	-0.74	134.64	1.051	-0.924	0.013
BASE	38	CIM8 Min	-2.17	-0.85	115.37	0.801	-2.909	-0.013
BASE	38	ENVCIM Max	-0.98	-0.74	282.12	2.318	-0.014	0.017
BASE	38	ENVCIM Min	-4.37	-1.99	102.82	0.801	-5.565	-0.016
BASE	8	CIM1	-19.55	16.75	125.73	-1.722	-1.109	-0.014
BASE	8	CIM2	-23.21	21.45	150.19	-2.500	-1.351	-0.018
BASE	8	CIM3 Max	8.18	32.23	227.60	2.762	4.998	0.187
BASE	8	CIM3 Min	-47.29	1.27	23.86	-6.207	-7.215	-0.214
BASE	8	CIM4 Max	-7.36	35.53	178.07	2.564	2.907	0.202
BASE	8	CIM4 Min	-31.75	-2.03	73.40	-6.008	-5.124	-0.229
BASE	8	CIM5 Max	-1.46	31.93	220.63	1.069	3.301	0.134
BASE	8	CIM5 Min	-43.13	8.62	67.52	-5.680	-5.881	-0.168
BASE	8	CIM6 Max	-13.09	34.40	183.56	0.920	1.736	0.145
BASE	8	CIM6 Min	-31.50	6.15	104.60	-5.531	-4.316	-0.179
BASE	8	CIM7 Max	16.00	25.53	177.31	3.451	5.442	0.192
BASE	8	CIM7 Min	-39.46	-5.43	-26.43	-5.518	-6.772	-0.208
BASE	8	CIM8 Max	0.46	28.83	127.77	3.252	3.351	0.208
BASE	8	CIM8 Min	-23.93	-8.73	23.10	-5.319	-4.681	-0.224
BASE	8	ENVCIM Max	16.00	35.53	227.60	3.451	5.442	0.208
BASE	8	ENVCIM Min	-47.29	-8.73	-26.43	-6.207	-7.215	-0.229
BASE	7	CIM1	2.98	0.12	85.79	-0.318	-1.697	0.015
BASE	7	CIM2	3.00	0.16	101.33	-0.444	-2.085	0.019
BASE	7	CIM3 Max	23.51	0.52	122.22	0.589	8.715	0.127
BASE	7	CIM3 Min	-17.54	-0.28	49.35	-1.226	-12.108	-0.097
BASE	7	CIM4 Max	23.42	0.35	115.78	0.408	5.145	0.151
BASE	7	CIM4 Min	-17.45	-0.12	55.79	-1.044	-8.539	-0.122
BASE	7	CIM5 Max	18.44	0.45	124.85	0.270	5.839	0.102
BASE	7	CIM5 Min	-12.45	-0.15	70.05	-1.095	-9.815	-0.066
BASE	7	CIM6 Max	18.37	0.33	120.03	0.134	3.168	0.120
BASE	7	CIM6 Min	-12.38	-0.03	74.86	-0.959	-7.144	-0.085
BASE	7	CIM7 Max	22.32	0.47	87.91	0.716	9.393	0.121
BASE	7	CIM7 Min	-18.74	-0.33	15.04	-1.098	-11.430	-0.103
BASE	7	CIM8 Max	22.22	0.31	81.47	0.535	5.824	0.145
BASE	7	CIM8 Min	-18.64	-0.17	21.48	-0.917	-7.860	-0.127
BASE	7	ENVCIM Max	23.51	0.52	124.85	0.716	9.393	0.151
BASE	7	ENVCIM Min	-18.74	-0.33	15.04	-1.226	-12.108	-0.127
BASE	64	CIM1	8.54	-1.85	58.65	1.999	-2.702	0.000
BASE	64	CIM2	9.85	-2.41	73.69	2.612	-3.766	0.001
BASE	64	CIM3 Max	26.72	-1.55	63.49	2.526	3.439	0.027
BASE	64	CIM3 Min	-9.64	-2.14	53.80	1.473	-8.843	-0.026
BASE	64	CIM4 Max	16.35	-1.55	61.60	2.652	0.125	0.022
BASE	64	CIM4 Min	0.72	-2.14	55.70	1.347	-5.528	-0.021
BASE	64	CIM5 Max	23.18	-2.05	73.57	2.855	1.114	0.021





Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 396 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

BASE	64	CIM5 Min	-4.13	-2.49	66.29	2.062	-8.114	-0.019
BASE	64	CIM6 Max	15.43	-2.05	72.15	2.950	-1.366	0.017
BASE	64	CIM6 Min	3.62	-2.49	67.70	1.968	-5.633	-0.015
BASE	64	CIM7 Max	23.30	-0.81	40.03	1.726	4.520	0.027
BASE	64	CIM7 Min	-13.06	-1.40	30.34	0.673	-7.762	-0.026
BASE	64	CIM8 Max	12.94	-0.81	38.14	1.852	1.205	0.021
BASE	64	CIM8 Min	-2.70	-1.40	32.24	0.547	-4.448	-0.021
BASE	64	ENVCIM Max	26.72	-0.81	73.69	2.950	4.520	0.027
BASE	64	ENVCIM Min	-13.06	-2.49	30.34	0.547	-8.843	-0.026
BASE	70	CIM1	-23.63	26.92	180.67	-1.716	1.846	0.007
BASE	70	CIM2	-29.35	33.58	223.76	-2.144	2.355	0.007
BASE	70	CIM3 Max	-10.34	35.28	232.56	1.976	6.378	0.355
BASE	70	CIM3 Min	-36.93	18.56	128.78	-5.407	-2.685	-0.341
BASE	70	CIM4 Max	-16.02	33.76	227.31	0.751	3.831	0.290
BASE	70	CIM4 Min	-31.25	20.08	134.03	-4.182	-0.138	-0.276
BASE	70	CIM5 Max	-17.93	38.21	252.02	0.739	5.632	0.268
BASE	70	CIM5 Min	-37.91	25.63	173.95	-4.812	-1.177	-0.255
BASE	70	CIM6 Max	-22.18	37.07	248.10	-0.178	3.726	0.220
BASE	70	CIM6 Min	-33.66	26.77	177.88	-3.895	0.729	-0.206
BASE	70	CIM7 Max	-0.89	24.51	160.29	2.662	5.639	0.352
BASE	70	CIM7 Min	-27.47	7.79	56.51	-4.721	-3.424	-0.344
BASE	70	CIM8 Max	-6.57	23.00	155.05	1.437	3.092	0.287
BASE	70	CIM8 Min	-21.80	9.31	61.76	-3.496	-0.877	-0.279
BASE	70	ENVCIM Max	-0.89	38.21	252.02	2.662	6.378	0.355
BASE	70	ENVCIM Min	-37.91	7.79	56.51	-5.407	-3.424	-0.344
BASE	89	CIM1	0.01	-31.08	83.73	-0.711	0.051	-0.035
BASE	89	CIM2	0.01	-38.82	103.96	-0.877	0.070	-0.042
BASE	89	CIM3 Max	0.51	-18.56	113.50	1.019	1.361	0.187
BASE	89	CIM3 Min	-0.49	-43.60	53.97	-2.441	-1.258	-0.257
BASE	89	CIM4 Max	0.29	-18.49	117.57	0.201	0.643	0.061
BASE	89	CIM4 Min	-0.27	-43.68	49.89	-1.623	-0.540	-0.130
BASE	89	CIM5 Max	0.39	-27.47	121.31	0.465	1.049	0.127
BASE	89	CIM5 Min	-0.36	-46.31	76.50	-2.136	-0.919	-0.207
BASE	89	CIM6 Max	0.22	-27.41	124.36	-0.148	0.512	0.032
BASE	89	CIM6 Min	-0.20	-46.36	73.45	-1.523	-0.381	-0.112
BASE	89	CIM7 Max	0.51	-6.13	80.00	1.304	1.340	0.201
BASE	89	CIM7 Min	-0.49	-31.17	20.48	-2.157	-1.279	-0.243
BASE	89	CIM8 Max	0.29	-6.05	84.08	0.485	0.623	0.075
BASE	89	CIM8 Min	-0.27	-31.24	16.40	-1.339	-0.561	-0.116
BASE	89	ENVCIM Max	0.51	-6.05	124.36	1.304	1.361	0.201
BASE	89	ENVCIM Min	-0.49	-46.36	16.40	-2.441	-1.279	-0.257
BASE	68	CIM1	37.36	-0.16	110.52	0.141	4.130	0.015
BASE	68	CIM2	46.79	-0.21	137.26	0.192	5.326	0.019
BASE	68	CIM3 Max	59.43	0.08	122.13	0.796	11.653	0.133
BASE	68	CIM3 Min	15.29	-0.39	98.92	-0.513	-3.394	-0.103
BASE	68	CIM4 Max	48.47	-0.04	126.03	0.719	7.452	0.157
BASE	68	CIM4 Min	26.25	-0.27	95.02	-0.436	0.807	-0.127
BASE	68	CIM5 Max	61.01	-0.02	139.32	0.671	10.679	0.107
BASE	68	CIM5 Min	27.85	-0.37	121.83	-0.313	-0.626	-0.071
BASE	68	CIM6 Max	52.81	-0.11	142.23	0.614	7.535	0.125
BASE	68	CIM6 Min	36.04	-0.28	118.92	-0.256	2.518	-0.089
BASE	68	CIM7 Max	44.48	0.14	77.92	0.739	10.001	0.127
BASE	68	CIM7 Min	0.35	-0.33	54.71	-0.570	-5.046	-0.109
BASE	68	CIM8 Max	33.53	0.02	81.82	0.662	5.800	0.151
BASE	68	CIM8 Min	11.30	-0.21	50.81	-0.493	-0.845	-0.133
BASE	68	ENVCIM Max	61.01	0.14	142.23	0.796	11.653	0.157
BASE	68	ENVCIM Min	0.35	-0.39	50.81	-0.570	-5.046	-0.133
BASE	59	CIM1	-0.43	-8.70	70.56	1.355	-0.598	0.000
BASE	59	CIM2	-0.65	-11.71	94.91	1.849	-0.874	0.001
BASE	59	CIM3 Max	-0.25	2.51	80.65	5.131	0.086	0.027
BASE	59	CIM3 Min	-0.61	-19.91	60.46	-2.422	-1.282	-0.026
BASE	59	CIM4 Max	-0.31	-2.49	74.91	3.095	-0.229	0.022
BASE	59	CIM4 Min	-0.55	-14.92	66.21	-0.385	-0.967	-0.021
BASE	59	CIM5 Max	-0.46	-2.53	96.41	4.563	-0.291	0.021
BASE	59	CIM5 Min	-0.73	-19.39	81.24	-1.112	-1.319	-0.019



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 397 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

BASE	59	CIM6 Max	-0.51	-6.27	92.11	3.038	-0.527	0.017
BASE	59	CIM6 Min	-0.69	-15.65	85.54	0.412	-1.084	-0.015
BASE	59	CIM7 Max	-0.08	5.99	52.43	4.589	0.325	0.027
BASE	59	CIM7 Min	-0.44	-16.43	32.24	-2.964	-1.042	-0.026
BASE	59	CIM8 Max	-0.14	0.99	46.68	2.553	0.010	0.021
BASE	59	CIM8 Min	-0.38	-11.44	37.98	-0.927	-0.728	-0.021
BASE	59	ENVCIM Max	-0.08	5.99	96.41	5.131	0.325	0.027
BASE	59	ENVCIM Min	-0.73	-19.91	32.24	-2.964	-1.319	-0.026
BASE	745	CIM1	0.25	0.80	72.28	-0.075	0.135	0.000
BASE	745	CIM2	0.18	-0.56	98.33	1.438	0.025	0.001
BASE	745	CIM3 Max	0.63	26.26	72.65	6.499	0.584	0.027
BASE	745	CIM3 Min	-0.13	-24.67	71.91	-6.649	-0.315	-0.026
BASE	745	CIM4 Max	0.46	13.01	72.83	2.684	0.454	0.022
BASE	745	CIM4 Min	0.03	-11.41	71.73	-2.833	-0.184	-0.021
BASE	745	CIM5 Max	0.49	18.91	92.09	5.999	0.390	0.021
BASE	745	CIM5 Min	-0.09	-19.36	91.54	-3.879	-0.286	-0.019
BASE	745	CIM6 Max	0.36	8.99	92.23	3.143	0.293	0.017
BASE	745	CIM6 Min	0.04	-9.44	91.40	-1.024	-0.188	-0.015
BASE	745	CIM7 Max	0.53	25.94	43.74	6.529	0.530	0.027
BASE	745	CIM7 Min	-0.23	-24.99	43.00	-6.619	-0.368	-0.026
BASE	745	CIM8 Max	0.36	12.69	43.92	2.714	0.400	0.021
BASE	745	CIM8 Min	-0.07	-11.73	42.82	-2.803	-0.238	-0.021
BASE	745	ENVCIM Max	0.63	26.26	98.33	6.529	0.584	0.027
BASE	745	ENVCIM Min	-0.23	-24.99	42.82	-6.649	-0.368	-0.026
BASE	186	CIM1	0.00	-1.53	88.00	0.189	4.016	-0.003
BASE	186	CIM2	-0.41	-1.68	115.20	-1.999	3.832	-0.004
BASE	186	CIM3 Max	18.46	13.79	104.82	2.802	5.392	0.015
BASE	186	CIM3 Min	-18.46	-16.86	71.17	-2.424	2.640	-0.022
BASE	186	CIM4 Max	14.08	5.66	99.71	1.294	5.754	0.009
BASE	186	CIM4 Min	-14.08	-8.73	76.29	-0.916	2.278	-0.016
BASE	186	CIM5 Max	13.58	9.87	121.05	0.511	4.914	0.010
BASE	186	CIM5 Min	-14.19	-13.16	95.75	-3.415	2.842	-0.018
BASE	186	CIM6 Max	10.30	3.78	117.22	-0.617	5.185	0.006
BASE	186	CIM6 Min	-10.91	-7.08	99.57	-2.286	2.571	-0.013
BASE	186	CIM7 Max	18.46	14.40	69.63	2.726	3.785	0.016
BASE	186	CIM7 Min	-18.46	-16.24	35.97	-2.500	1.034	-0.020
BASE	186	CIM8 Max	14.08	6.27	64.51	1.218	4.148	0.011
BASE	186	CIM8 Min	-14.08	-8.11	41.09	-0.992	0.672	-0.014
BASE	186	ENVCIM Max	18.46	14.40	121.05	2.802	5.754	0.016
BASE	186	ENVCIM Min	-18.46	-16.86	35.97	-3.415	0.672	-0.022
BASE	63	CIM1	-0.07	3.29	39.26	0.768	-1.398	0.008
BASE	63	CIM2	-0.22	4.61	52.51	1.208	-1.918	0.010
BASE	63	CIM3 Max	5.17	9.82	62.33	2.448	0.946	0.038
BASE	63	CIM3 Min	-5.30	-3.25	16.19	-0.912	-3.741	-0.022
BASE	63	CIM4 Max	2.43	11.31	55.84	2.749	-0.350	0.038
BASE	63	CIM4 Min	-2.56	-4.74	22.68	-1.213	-2.445	-0.022
BASE	63	CIM5 Max	3.75	9.20	66.54	2.363	-0.027	0.032
BASE	63	CIM5 Min	-4.12	-0.64	31.85	-0.167	-3.549	-0.013
BASE	63	CIM6 Max	1.70	10.32	61.69	2.588	-0.997	0.032
BASE	63	CIM6 Min	-2.07	-1.75	36.71	-0.392	-2.579	-0.013
BASE	63	CIM7 Max	5.20	8.51	46.63	2.141	1.505	0.035
BASE	63	CIM7 Min	-5.28	-4.57	0.49	-1.219	-3.182	-0.025
BASE	63	CIM8 Max	2.46	10.00	40.13	2.442	0.209	0.035
BASE	63	CIM8 Min	-2.54	-6.05	6.98	-1.520	-1.886	-0.025
BASE	63	ENVCIM Max	5.20	11.31	66.54	2.749	1.505	0.038
BASE	63	ENVCIM Min	-5.30	-6.05	0.49	-1.520	-3.741	-0.025
BASE	746	CIM1	-1.09	2.06	72.20	0.153	-1.422	0.000
BASE	746	CIM2	-1.33	1.36	98.16	1.613	-1.733	0.001
BASE	746	CIM3 Max	-0.79	18.62	75.49	3.842	-0.890	0.027
BASE	746	CIM3 Min	-1.40	-14.51	68.90	-3.536	-1.954	-0.026
BASE	746	CIM4 Max	-0.92	23.22	74.02	4.835	-1.104	0.022
BASE	746	CIM4 Min	-1.27	-19.11	70.38	-4.528	-1.739	-0.021
BASE	746	CIM5 Max	-1.04	14.01	94.14	4.025	-1.255	0.021
BASE	746	CIM5 Min	-1.50	-10.95	89.19	-1.530	-2.055	-0.019
BASE	746	CIM6 Max	-1.14	17.45	93.04	4.768	-1.416	0.017



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 398 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

BASE	746	CIM6 Min	-1.40	-14.39	90.30	-2.273	-1.895	-0.015
BASE	746	CIM7 Max	-0.35	17.80	46.61	3.781	-0.321	0.027
BASE	746	CIM7 Min	-0.96	-15.34	40.02	-3.597	-1.385	-0.026
BASE	746	CIM8 Max	-0.49	22.40	45.14	4.773	-0.535	0.021
BASE	746	CIM8 Min	-0.83	-19.93	41.50	-4.590	-1.171	-0.021
BASE	746	ENVCIM Max	-0.35	23.22	98.16	4.835	-0.321	0.027
BASE	746	ENVCIM Min	-1.50	-19.93	40.02	-4.590	-2.055	-0.026

BASE	187	CIM1	-11.37	-1.06	94.90	-0.012	-6.262	-0.008
BASE	187	CIM2	-13.83	-0.93	123.87	-2.272	-6.697	-0.009
BASE	187	CIM3 Max	6.88	9.39	98.62	2.596	-4.637	0.032
BASE	187	CIM3 Min	-29.63	-11.52	91.18	-2.621	-7.887	-0.048
BASE	187	CIM4 Max	2.82	12.43	98.32	2.439	-3.945	0.015
BASE	187	CIM4 Min	-25.56	-14.56	91.47	-2.464	-8.579	-0.030
BASE	187	CIM5 Max	0.51	6.91	119.42	0.255	-5.364	0.021
BASE	187	CIM5 Min	-26.95	-8.84	113.83	-3.670	-7.812	-0.039
BASE	187	CIM6 Max	-2.53	9.19	119.20	0.137	-4.846	0.008
BASE	187	CIM6 Min	-23.90	-11.11	114.05	-3.552	-8.330	-0.026
BASE	187	CIM7 Max	11.43	9.82	60.66	2.601	-2.132	0.035
BASE	187	CIM7 Min	-25.08	-11.10	53.22	-2.616	-5.382	-0.044
BASE	187	CIM8 Max	7.36	12.86	60.36	2.444	-1.440	0.018
BASE	187	CIM8 Min	-21.01	-14.14	53.51	-2.459	-6.074	-0.027
BASE	187	ENVCIM Max	11.43	12.86	123.87	2.601	-1.440	0.035
BASE	187	ENVCIM Min	-29.63	-14.56	53.22	-3.670	-8.579	-0.048

BASE	35	CIM1	-12.50	1.05	56.80	1.755	-1.313	0.116
BASE	35	CIM2	-16.77	1.41	75.82	2.448	-1.696	0.157
BASE	35	CIM3 Max	-9.32	5.59	77.64	2.808	-0.019	0.188
BASE	35	CIM3 Min	-15.69	-3.49	35.96	0.702	-2.607	0.045
BASE	35	CIM4 Max	-10.76	3.42	65.59	2.432	-0.584	0.148
BASE	35	CIM4 Min	-14.25	-1.31	48.02	1.077	-2.041	0.085
BASE	35	CIM5 Max	-13.31	4.73	86.73	3.066	-0.627	0.200
BASE	35	CIM5 Min	-18.09	-2.09	55.41	1.483	-2.573	0.093
BASE	35	CIM6 Max	-14.39	3.10	77.71	2.785	-1.051	0.171
BASE	35	CIM6 Min	-17.01	-0.46	64.43	1.765	-2.149	0.123
BASE	35	CIM7 Max	-4.32	5.17	54.92	2.106	0.507	0.141
BASE	35	CIM7 Min	-10.68	-3.91	13.24	0.000	-2.082	-0.002
BASE	35	CIM8 Max	-5.76	3.00	42.87	1.730	-0.059	0.101
BASE	35	CIM8 Min	-9.24	-1.73	25.29	0.376	-1.516	0.038
BASE	35	ENVCIM Max	-4.32	5.59	86.73	3.066	0.507	0.200
BASE	35	ENVCIM Min	-18.09	-3.91	13.24	0.000	-2.607	-0.002

Summation	0, 0, Base	CIM1	-0.05	-0.01	7203.99	172026.224	-90100.834	2.034
Summation	0, 0, Base	CIM2	-0.05	0.00	9145.20	221419.442	-114617.741	2.280
Summation	0, 0, Base	CIM3 MAX	1224.43	881.61	11909.87	298675.395	-143054.841	-21486.342
Summation	0, 0, Base	CIM3 MIN	-1224.53	-881.63	2498.11	45377.053	-37146.826	21490.409
Summation	0, 0, Base	CIM4 MAX	873.84	985.83	11001.90	273604.141	-133293.083	-13523.788
Summation	0, 0, Base	CIM4 MIN	-873.94	-985.85	3406.08	70448.306	-46908.584	13527.855
Summation	0, 0, Base	CIM5 MAX	920.64	663.60	12199.14	304321.248	-148315.527	-16151.291
Summation	0, 0, Base	CIM5 MIN	-920.74	-663.61	5120.66	113821.026	-68661.502	16155.728
Summation	0, 0, Base	CIM6 MAX	658.23	741.61	11519.55	285556.261	-141009.180	-10191.589
Summation	0, 0, Base	CIM6 MIN	-658.33	-741.62	5800.25	132586.014	-75967.848	10196.025
Summation	0, 0, Base	CIM7 MAX	1224.45	881.62	9028.28	229864.905	-107014.508	-21487.155
Summation	0, 0, Base	CIM7 MIN	-1224.51	-881.63	-383.48	-23433.437	-1106.493	21489.596
Summation	0, 0, Base	CIM8 MAX	873.86	985.84	8120.31	204793.651	-97252.750	-13524.601
Summation	0, 0, Base	CIM8 MIN	-873.92	-985.85	524.49	1637.817	-10868.251	13527.042
Summation	0, 0, Base	ENVCIM MAX	1410.93	1204.86	12957.00	324313.048	-155582.707	-23892.760
Summation	0, 0, Base	ENVCIM MIN	-1411.53	-1201.26	-633.38	-30263.338	1347.872	23671.063



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUENO	<b>Revisó:</b>	ING. JUAN C. PATINO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	NOVIEMBRE - 2014

## **ANEXO 6.5. CHEQUEO DE CONFINAMIENTO**



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATINO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	NOVIEMBRE - 2014

**CHEQUEO DE CONFINAMIENTO  
CAPACIDAD MODERADA DE DISIPACION DE ENERGIA (DMO)**

SECCION cm		RECUBRIMIENTO	d (cm)
b	h	4 cm	56
40	60		

CONFINAMIENTO					
VIGAS DMO					
d/4	14				
8db	15.92	5	#	barra menor diametro	DMO
32dv	30.96	4	#	barra del estribo	8db
150 mm	15				
	<b>14.00</b>	<b>USAR</b>			

NO CONFINADO		
VIGAS DMO		
d/2	28	
	<b>28.00</b>	<b>USAR</b>

<b>Ec (T/m2)</b>	<b>f'c =</b> 28	Mpa
2675250	<b>Wc =</b> 2400	k/m3
2487006		



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	NOVIEMBRE - 2014

## **ANEXO 6.6. CHEQUEO DE COLUMNA FUERTE-VIGA DEBIL**

## CHEQUEO CONDICION COLUMNA FUERTE - VIGA DEBIL

Chequeo de la Condición

$$\sum M_{nc} \geq 1.2 \sum M_{nb}$$

### 1. Calculo de los momentos resistentes de las vigas

**Sentido y-y**

Dimensiones de la viga:

Lado Izquierdo	
B:	50 [cm]
H:	60 [cm]
d':	5 [cm]
As-sup:	0 [cm2]
As-inf:	0 [cm2]

Lado Derecho	
B:	50 [cm]
H:	60 [cm]
d':	5 [cm]
As-sup:	2.17 [cm2]
As-inf:	1.96 [cm2]

Resistencia del concreto:

280 [kg/cm2]

Resistencia del acero:

4200 [kg/cm2]

Cuantias de acero

Ro1: #####

Ro2: #####

Ro1: #####

Ro2: #####

$$Mn = \rho f_y b d^2 \left( 1 - 0.59 \rho \frac{f_y}{f'_c} \right)$$

Momentos Nominales:

Mn1: 0 [Ton-m]

Mn2: 0 [Ton-m]

Mn1: 4.966 [Ton-m]

Mn2: 4.499 [Ton-m]

Suma de momentos en sentido Horario:

Mn1-izq+Mn2-der: 4.5 [Ton-m]

Suma de momentos en Sentido Contrahorario:

Mn2-izq+Mn1-der: 4.97 [Ton-m]

Maximo: 4.966 [Ton-m]

### 2. Calculo de los momentos resistentes de las columnas

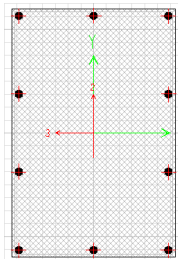
Pn	Mn
[Ton]	[T-m]
#####	0.00
#####	11.54
#####	17.84
#####	22.84
#####	26.69
#####	29.67
#####	33.49
#####	36.51
#####	31.36
#####	23.46
#####	0.00

Dimensiones de columna:

40x60

Refuerzo de la columna:

10#6

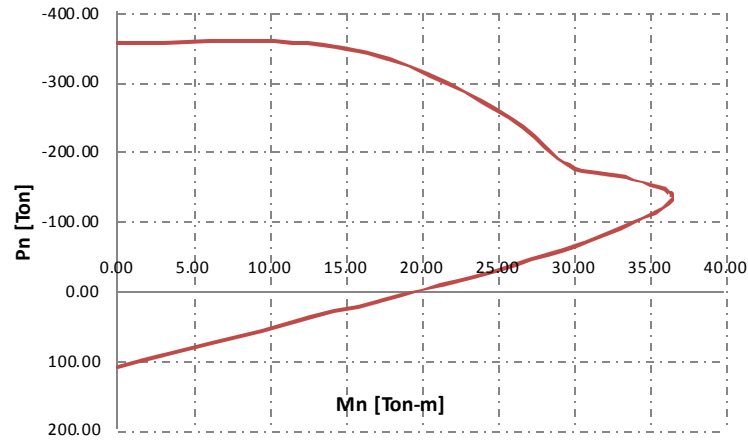


REF: SD-SECTION ETABS



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTUR	<b>Calculó:</b>	ING. FABIO RIVERA
<b>Proyecto:</b>	COLEGIO Y TEATRO EL ENSUEÑO	<b>Revisó:</b>	ING. JUAN C. PATIÑO
<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	NOVIEMBRE - 2014

### DIAGRAMA DE INTERACCION



Momento Nominal Superior				Momento Nominal Inferior			
<b>Pu=</b>	<b>0</b>	<b>Ton</b>		<b>Pu=</b>	<b>92.1</b>	<b>Ton</b>	
<b>Posición:</b>	<b>10</b>			<b>Posición:</b>	<b>10</b>		
<b>Pu0:</b>	####	<b>Mn-0:</b>	23.46	<b>Pu0:</b>	-21.17	<b>Mn-0:</b>	23.46
<b>Pu1:</b>	####	<b>Mn-1:</b>	0.00	<b>Pu1:</b>	####	<b>Mn-1:</b>	0.00
<b>Mn: 19.61 [Ton-m]</b>				<b>Mn: 2.9 [Ton-m]</b>			

Suma de Momentos en la columna:

**Mn-sup+Mn-inf: 22.5 [Ton-m]**

### 3. Chequeo de la condición

$$1.2 \sum M_{nb} \quad 5.96 \text{ [Ton-m]}$$

$$\sum M_{nc} \quad 22.5 \text{ [Ton-m]}$$

$$\sum M_{nc} \geq 1.2 \sum M_{nb} \quad \text{OK!}$$

## CHEQUEO CONDICION COLUMNA FUERTE - VIGA DEBIL

Chequeo de la Condición

$$\sum M_{nc} \geq 1.2 \sum M_{nb}$$

### 1. Calculo de los momentos resistentes de las vigas

**Sentido x-x**

Dimensiones de la viga:

Lado Izquierdo	
B:	40 [cm]
H:	60 [cm]
d':	5 [cm]
As-sup:	5.04 [cm <sup>2</sup> ]
As-inf:	1.79 [cm <sup>2</sup> ]

Lado Derecho	
B:	40 [cm]
H:	60 [cm]
d':	5 [cm]
As-sup:	7.37 [cm <sup>2</sup> ]
As-inf:	3.83 [cm <sup>2</sup> ]

Resistencia del concreto:

280 [kg/cm<sup>2</sup>]

Resistencia del acero:

4200 [kg/cm<sup>2</sup>]

Cuantias de acero

Ro1: #####

Ro2: #####

Ro1: #####

Ro2: #####

$$Mn = \rho f_y b d^2 \left( 1 - 0.59 \rho \frac{f_y}{f'_c} \right)$$

Momentos Nominales:

Mn1: 11.41 [Ton-m]

Mn2: 4.107 [Ton-m]

Mn1: 16.51 [Ton-m]

Mn2: 8.72 [Ton-m]

Suma de momentos en sentido Horario:

Mn1-izq+Mn2-der: 20.1 [Ton-m]

Suma de momentos en Sentido Contrahorario:

Mn2-izq+Mn1-der: 20.6 [Ton-m]

Maximo: 20.62 [Ton-m]

### 2. Calculo de los momentos resistentes de las columnas

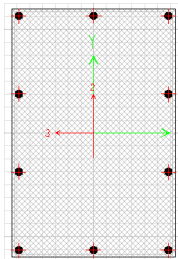
Pn	Mn
[Ton]	[T-m]
#####	0.00
#####	16.36
#####	25.51
#####	32.67
#####	37.95
#####	41.86
#####	47.62
#####	51.90
#####	42.70
-5.51	31.42
#####	0.00

Dimensiones de columna:

40x60

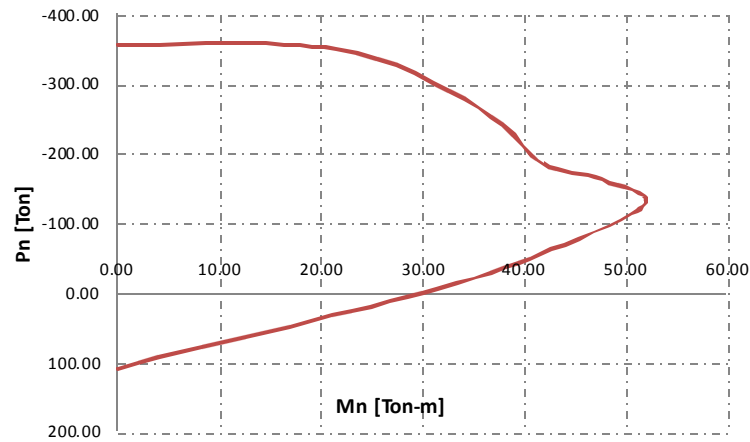
Refuerzo de la columna:

10#6



REF: SD-SECTION ETABS

### DIAGRAMA DE INTERACCION



Momento Nominal Superior				Momento Nominal Inferior			
<b>Pu=</b>	<b>0</b>	<b>Ton</b>		<b>Pu=</b>	<b>92.1</b>	<b>Ton</b>	
<b>Posición:</b>	<b>10</b>			<b>Posición:</b>	<b>10</b>		
<b>Pu0:</b>	<b>-5.51</b>	<b>Mn-0:</b>	<b>31.42</b>	<b>Pu0:</b>	<b>-5.51</b>	<b>Mn-0:</b>	<b>31.42</b>
<b>Pu1:</b>	<b>####</b>	<b>Mn-1:</b>	<b>0.00</b>	<b>Pu1:</b>	<b>####</b>	<b>Mn-1:</b>	<b>0.00</b>
<b>Mn: 29.89 [Ton-m]</b>				<b>Mn: 4.3 [Ton-m]</b>			

Suma de Momentos en la columna:


**Mn-sup+Mn-inf: 34.2 [Ton-m]**

### 3. Chequeo de la condición

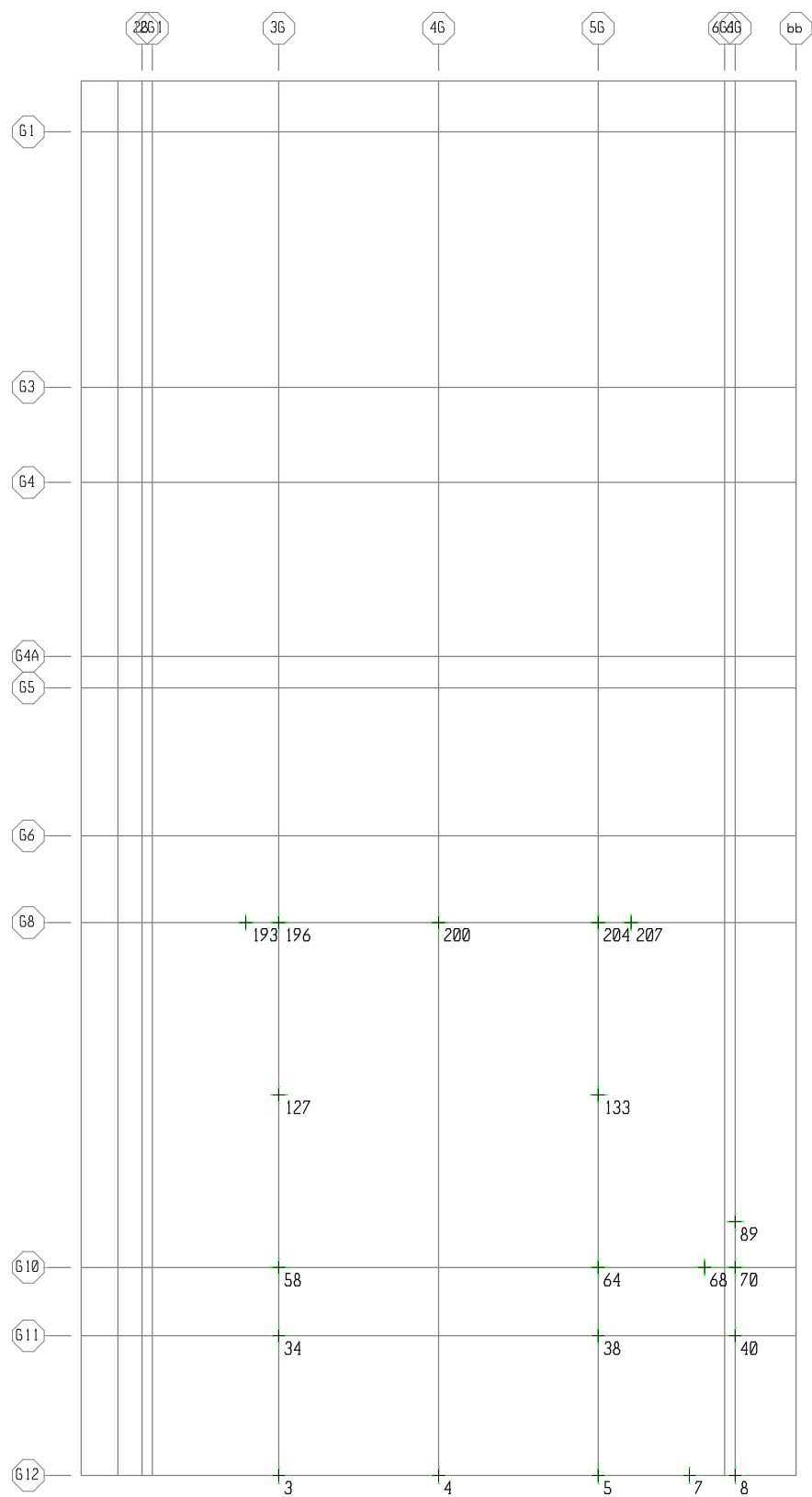
$$1.2 \sum M_{nb} \quad 24.74 \text{ [Ton-m]}$$

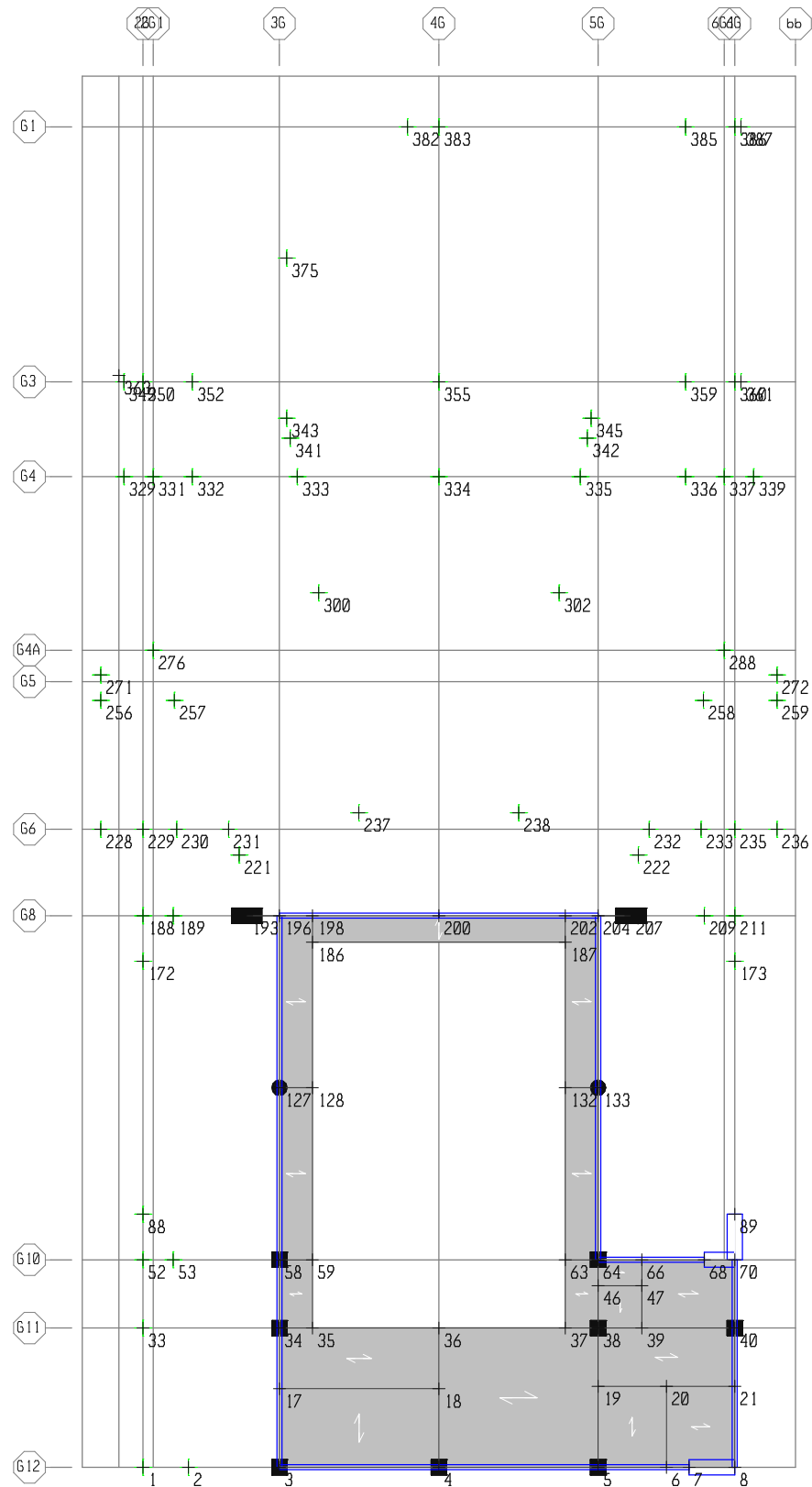
$$\sum M_{nc} \quad 34.2 \text{ [Ton-m]}$$


$$\sum M_{nc} \geq 1.2 \sum M_{nb} \quad \text{OK!}$$

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 377 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

## **ANEXO 7. REACCIONES DE CIMENTACION**





	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 378 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

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L O A D I N G C O M B I N A T I O N S


COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
CIM1	ADD	DEAD	Static	1.0000
CIM2	ADD	DEAD	Static	1.0000
		LIVE	Static	1.0000
CIM3	ADD	DEAD	Static	1.0000
		SISMOX	Spectra	0.2330
		SISMOY	Spectra	0.0700
CIM4	ADD	DEAD	Static	1.0000
		SISMOX	Spectra	0.0700
		SISMOY	Spectra	0.2330
CIM5	ADD	DEAD	Static	1.0000
		LIVE	Static	0.7500
		SISMOX	Spectra	0.1750
		SISMOY	Spectra	0.0530
CIM6	ADD	DEAD	Static	1.0000
		LIVE	Static	0.7500
		SISMOX	Spectra	0.0530
		SISMOY	Spectra	0.1750
CIM7	ADD	DEAD	Static	0.6000
		SISMOX	Spectra	0.2330
		SISMOY	Spectra	0.0700
CIM8	ADD	DEAD	Static	0.6000
		SISMOX	Spectra	0.0700
		SISMOY	Spectra	0.2330
ENVCIM	ENVE	CIM1	Combo	1.0000
		CIM2	Combo	1.0000
		CIM3	Combo	1.0000
		CIM4	Combo	1.0000
		CIM5	Combo	1.0000
		CIM6	Combo	1.0000
		CIM7	Combo	1.0000
		CIM8	Combo	1.0000

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S U P P O R T R E A C T I O N S

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
SOT1(N-4.09	189	CIM1	-21.96	0.15	37.15	-0.122	0.751	0.027
SOT1(N-4.09	189	CIM2	-25.12	0.16	42.11	-0.121	0.914	0.035
SOT1(N-4.09	189	CIM3 Max	-5.68	1.46	79.78	1.039	3.577	0.376
SOT1(N-4.09	189	CIM3 Min	-38.24	-1.16	-5.47	-1.284	-2.076	-0.322
SOT1(N-4.09	189	CIM4 Max	-11.35	1.45	60.90	0.900	3.112	0.681
SOT1(N-4.09	189	CIM4 Min	-32.57	-1.15	13.41	-1.144	-1.611	-0.628
SOT1(N-4.09	189	CIM5 Max	-12.09	1.14	72.91	0.753	2.999	0.297
SOT1(N-4.09	189	CIM5 Min	-36.57	-0.83	8.84	-0.995	-1.252	-0.230
SOT1(N-4.09	189	CIM6 Max	-16.34	1.13	58.78	0.648	2.651	0.525
SOT1(N-4.09	189	CIM6 Min	-32.32	-0.82	22.97	-0.891	-0.905	-0.459
SOT1(N-4.09	189	CIM7 Max	3.10	1.40	64.92	1.088	3.277	0.365
SOT1(N-4.09	189	CIM7 Min	-29.46	-1.22	-20.33	-1.235	-2.376	-0.333
SOT1(N-4.09	189	CIM8 Max	-2.57	1.39	46.04	0.949	2.812	0.671
SOT1(N-4.09	189	CIM8 Min	-23.79	-1.21	-1.45	-1.096	-1.911	-0.638
SOT1(N-4.09	189	ENVCIM Max	3.10	1.46	79.78	1.088	3.577	0.681
SOT1(N-4.09	189	ENVCIM Min	-38.24	-1.22	-20.33	-1.284	-2.376	-0.638
SOT1(N-4.09	209	CIM1	26.42	-0.22	43.97	0.421	-0.716	-0.049
SOT1(N-4.09	209	CIM2	30.58	-0.33	50.64	0.593	-0.878	-0.069
SOT1(N-4.09	209	CIM3 Max	41.32	0.84	84.45	1.951	1.896	0.632
SOT1(N-4.09	209	CIM3 Min	11.52	-1.28	3.49	-1.109	-3.327	-0.729
SOT1(N-4.09	209	CIM4 Max	37.37	0.81	69.48	1.933	0.815	0.874
SOT1(N-4.09	209	CIM4 Min	15.47	-1.25	18.47	-1.092	-2.247	-0.972
SOT1(N-4.09	209	CIM5 Max	40.74	0.50	79.40	1.701	1.126	0.449



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 379 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 209	CIM5 Min	18.34	-1.10	18.54	-0.602	-2.800	-0.576
SOT1(N-4.09 209	CIM6 Max	37.79	0.48	68.19	1.688	0.317	0.630
SOT1(N-4.09 209	CIM6 Min	21.29	-1.08	29.75	-0.589	-1.991	-0.758
SOT1(N-4.09 209	CIM7 Max	30.75	0.92	66.86	1.783	2.182	0.651
SOT1(N-4.09 209	CIM7 Min	0.95	-1.19	-14.10	-1.278	-3.041	-0.710
SOT1(N-4.09 209	CIM8 Max	26.80	0.90	51.89	1.765	1.102	0.894
SOT1(N-4.09 209	CIM8 Min	4.90	-1.16	0.88	-1.260	-1.961	-0.952
SOT1(N-4.09 209	ENVCIM Max	41.32	0.92	84.45	1.951	2.182	0.894
SOT1(N-4.09 209	ENVCIM Min	0.95	-1.28	-14.10	-1.278	-3.327	-0.972

SOT1(N-4.09 172	CIM1	-0.05	11.27	137.81	1.635	-0.111	0.039
SOT1(N-4.09 172	CIM2	-0.07	10.19	162.73	3.488	-0.119	0.038
SOT1(N-4.09 172	CIM3 Max	1.09	73.83	239.67	16.974	3.854	1.345
SOT1(N-4.09 172	CIM3 Min	-1.18	-51.28	35.96	-13.703	-4.076	-1.267
SOT1(N-4.09 172	CIM4 Max	0.80	97.24	217.43	14.506	2.038	0.602
SOT1(N-4.09 172	CIM4 Min	-0.89	-74.69	58.20	-11.235	-2.261	-0.524
SOT1(N-4.09 172	CIM5 Max	0.79	57.58	233.10	14.562	2.863	1.020
SOT1(N-4.09 172	CIM5 Min	-0.92	-36.66	79.90	-8.512	-3.097	-0.943
SOT1(N-4.09 172	CIM6 Max	0.57	75.10	216.45	12.715	1.504	0.464
SOT1(N-4.09 172	CIM6 Min	-0.70	-54.18	96.55	-6.665	-1.738	-0.387
SOT1(N-4.09 172	CIM7 Max	1.11	69.32	184.54	16.320	3.898	1.330
SOT1(N-4.09 172	CIM7 Min	-1.17	-55.79	-19.17	-14.358	-4.032	-1.283
SOT1(N-4.09 172	CIM8 Max	0.82	92.73	162.30	13.852	2.083	0.587
SOT1(N-4.09 172	CIM8 Min	-0.87	-79.20	3.08	-11.889	-2.216	-0.540
SOT1(N-4.09 172	ENVCIM Max	1.11	97.24	239.67	16.974	3.898	1.345
SOT1(N-4.09 172	ENVCIM Min	-1.18	-79.20	-19.17	-14.358	-4.076	-1.283

SOT1(N-4.09 173	CIM1	-0.06	20.69	66.33	4.461	-0.193	0.040
SOT1(N-4.09 173	CIM2	-0.09	22.15	74.51	6.161	-0.223	0.039
SOT1(N-4.09 173	CIM3 Max	0.98	60.73	166.48	9.320	3.273	1.385
SOT1(N-4.09 173	CIM3 Min	-1.10	-19.35	-33.83	-0.398	-3.658	-1.305
SOT1(N-4.09 173	CIM4 Max	0.69	52.87	160.10	7.988	1.657	0.620
SOT1(N-4.09 173	CIM4 Min	-0.81	-11.49	-27.45	0.934	-2.042	-0.540
SOT1(N-4.09 173	CIM5 Max	0.70	51.90	147.82	9.390	2.389	1.050
SOT1(N-4.09 173	CIM5 Min	-0.86	-8.33	-2.88	2.082	-2.820	-0.971
SOT1(N-4.09 173	CIM6 Max	0.49	46.01	143.04	8.393	1.179	0.478
SOT1(N-4.09 173	CIM6 Min	-0.65	-2.45	1.89	3.080	-1.611	-0.398
SOT1(N-4.09 173	CIM7 Max	1.01	52.46	139.95	7.536	3.350	1.369
SOT1(N-4.09 173	CIM7 Min	-1.08	-27.63	-60.36	-2.183	-3.581	-1.321
SOT1(N-4.09 173	CIM8 Max	0.72	44.59	133.57	6.203	1.734	0.604
SOT1(N-4.09 173	CIM8 Min	-0.79	-19.76	-53.98	-0.850	-1.965	-0.556
SOT1(N-4.09 173	ENVCIM Max	1.01	60.73	166.48	9.390	3.350	1.385
SOT1(N-4.09 173	ENVCIM Min	-1.10	-27.63	-60.36	-2.183	-3.658	-1.321


SOT1(N-4.09 188	CIM1	26.89	-15.33	121.83	-1.627	0.685	-0.058
SOT1(N-4.09 188	CIM2	31.06	-18.40	142.45	-1.643	0.844	-0.063
SOT1(N-4.09 188	CIM3 Max	38.58	-0.93	155.35	6.969	7.161	1.572
SOT1(N-4.09 188	CIM3 Min	15.21	-29.72	88.32	-10.222	-5.792	-1.687
SOT1(N-4.09 188	CIM4 Max	42.41	7.61	154.12	5.457	5.049	1.063
SOT1(N-4.09 188	CIM4 Min	11.38	-38.26	89.55	-8.710	-3.679	-1.179
SOT1(N-4.09 188	CIM5 Max	38.82	-6.78	162.51	4.826	5.674	1.164
SOT1(N-4.09 188	CIM5 Min	21.22	-28.48	112.07	-8.104	-4.065	-1.287
SOT1(N-4.09 188	CIM6 Max	41.69	-0.39	161.59	3.694	4.093	0.783
SOT1(N-4.09 188	CIM6 Min	18.35	-34.88	113.00	-6.972	-2.484	-0.906
SOT1(N-4.09 188	CIM7 Max	27.82	5.20	106.62	7.620	6.887	1.595
SOT1(N-4.09 188	CIM7 Min	4.45	-23.59	39.58	-9.571	-6.066	-1.664
SOT1(N-4.09 188	CIM8 Max	31.65	13.74	105.38	6.107	4.775	1.086
SOT1(N-4.09 188	CIM8 Min	0.62	-32.13	40.82	-8.059	-3.953	-1.156
SOT1(N-4.09 188	ENVCIM Max	42.41	13.74	162.51	7.620	7.161	1.595
SOT1(N-4.09 188	ENVCIM Min	0.62	-38.26	39.58	-10.222	-6.066	-1.687

SOT1(N-4.09 211	CIM1	-30.86	-40.77	180.58	4.287	-0.897	0.004
SOT1(N-4.09 211	CIM2	-36.05	-49.81	214.58	5.927	-1.081	0.024
SOT1(N-4.09 211	CIM3 Max	-23.49	-21.41	254.00	13.556	5.302	1.928
SOT1(N-4.09 211	CIM3 Min	-38.23	-60.13	107.16	-4.981	-7.097	-1.920
SOT1(N-4.09 211	CIM4 Max	-24.98	-22.68	263.25	12.478	2.548	1.457
SOT1(N-4.09 211	CIM4 Min	-36.74	-58.86	97.91	-3.903	-4.343	-1.449
SOT1(N-4.09 211	CIM5 Max	-29.21	-32.99	261.35	12.489	3.624	1.466
SOT1(N-4.09 211	CIM5 Min	-40.29	-62.12	150.81	-1.455	-5.695	-1.428




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 380 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 211	CIM6 Max	-30.32	-33.94	268.27	11.683	1.563	1.113
SOT1(N-4.09 211	CIM6 Min	-39.18	-61.17	143.89	-0.648	-3.633	-1.075
SOT1(N-4.09 211	CIM7 Max	-11.15	-5.10	181.77	11.841	5.661	1.926
SOT1(N-4.09 211	CIM7 Min	-25.89	-43.82	34.93	-6.696	-6.738	-1.922
SOT1(N-4.09 211	CIM8 Max	-12.64	-6.37	191.02	10.763	2.907	1.455
SOT1(N-4.09 211	CIM8 Min	-24.40	-42.55	25.67	-5.618	-3.984	-1.450
SOT1(N-4.09 211	ENVCIM Max	-11.15	-5.10	268.27	13.556	5.661	1.928
SOT1(N-4.09 211	ENVCIM Min	-40.29	-62.12	25.67	-6.696	-7.097	-1.922
SOT1(N-4.09 33	CIM1	0.31	3.23	123.90	2.886	0.259	-0.002
SOT1(N-4.09 33	CIM2	0.37	4.29	154.56	4.015	0.317	-0.003
SOT1(N-4.09 33	CIM3 Max	0.88	34.40	176.56	12.780	2.195	0.057
SOT1(N-4.09 33	CIM3 Min	-0.26	-27.95	71.23	-7.007	-1.678	-0.061
SOT1(N-4.09 33	CIM4 Max	0.73	54.91	171.61	18.843	1.318	0.045
SOT1(N-4.09 33	CIM4 Min	-0.11	-48.45	76.18	-13.070	-0.800	-0.049
SOT1(N-4.09 33	CIM5 Max	0.79	27.52	186.51	11.190	1.758	0.042
SOT1(N-4.09 33	CIM5 Min	-0.07	-19.47	107.28	-3.723	-1.153	-0.047
SOT1(N-4.09 33	CIM6 Max	0.67	42.87	182.81	15.728	1.101	0.033
SOT1(N-4.09 33	CIM6 Min	0.04	-34.82	110.98	-8.262	-0.496	-0.038
SOT1(N-4.09 33	CIM7 Max	0.76	33.11	127.00	11.625	2.092	0.058
SOT1(N-4.09 33	CIM7 Min	-0.39	-29.24	21.67	-8.161	-1.781	-0.060
SOT1(N-4.09 33	CIM8 Max	0.61	53.62	122.05	17.689	1.214	0.046
SOT1(N-4.09 33	CIM8 Min	-0.24	-49.74	26.63	-14.225	-0.904	-0.048
SOT1(N-4.09 33	ENVCIM Max	0.88	54.91	186.51	18.843	2.195	0.058
SOT1(N-4.09 33	ENVCIM Min	-0.39	-49.74	21.67	-14.225	-1.781	-0.061
SOT1(N-4.09 237	CIM1	-0.91	4.56	30.07	-6.666	-1.343	0.001
SOT1(N-4.09 237	CIM2	-1.46	7.26	43.73	-10.609	-2.159	0.001
SOT1(N-4.09 237	CIM3 Max	-0.11	4.69	31.13	-6.356	0.414	0.027
SOT1(N-4.09 237	CIM3 Min	-1.71	4.43	29.01	-6.975	-3.100	-0.025
SOT1(N-4.09 237	CIM4 Max	-0.51	4.83	30.79	-5.963	-0.502	0.023
SOT1(N-4.09 237	CIM4 Min	-1.30	4.30	29.35	-7.369	-2.184	-0.021
SOT1(N-4.09 237	CIM5 Max	-0.72	6.68	41.12	-9.389	-0.635	0.021
SOT1(N-4.09 237	CIM5 Min	-1.92	6.49	39.52	-9.857	-3.276	-0.019
SOT1(N-4.09 237	CIM6 Max	-1.03	6.78	40.86	-9.095	-1.321	0.018
SOT1(N-4.09 237	CIM6 Min	-1.62	6.38	39.78	-10.151	-2.590	-0.015
SOT1(N-4.09 237	CIM7 Max	0.26	2.87	19.10	-3.690	0.951	0.027
SOT1(N-4.09 237	CIM7 Min	-1.34	2.61	16.98	-4.309	-2.563	-0.026
SOT1(N-4.09 237	CIM8 Max	-0.15	3.00	18.76	-3.297	0.035	0.022
SOT1(N-4.09 237	CIM8 Min	-0.94	2.47	17.32	-4.702	-1.647	-0.021
SOT1(N-4.09 237	ENVCIM Max	0.26	7.26	43.73	-3.297	0.951	0.027
SOT1(N-4.09 237	ENVCIM Min	-1.92	2.47	16.98	-10.609	-3.276	-0.026
SOT1(N-4.09 238	CIM1	0.86	4.57	30.05	-6.676	1.246	0.001
SOT1(N-4.09 238	CIM2	1.42	7.26	43.73	-10.619	2.069	0.001
SOT1(N-4.09 238	CIM3 Max	1.65	4.77	31.10	-6.189	2.988	0.027
SOT1(N-4.09 238	CIM3 Min	0.07	4.36	29.00	-7.163	-0.496	-0.025
SOT1(N-4.09 238	CIM4 Max	1.25	4.87	30.82	-5.876	2.079	0.023
SOT1(N-4.09 238	CIM4 Min	0.47	4.26	29.28	-7.477	0.413	-0.021
SOT1(N-4.09 238	CIM5 Max	1.88	6.74	41.10	-9.266	3.172	0.021
SOT1(N-4.09 238	CIM5 Min	0.69	6.44	39.52	-10.000	0.554	-0.019
SOT1(N-4.09 238	CIM6 Max	1.58	6.82	40.89	-9.032	2.492	0.018
SOT1(N-4.09 238	CIM6 Min	0.99	6.36	39.73	-10.235	1.235	-0.015
SOT1(N-4.09 238	CIM7 Max	1.31	2.94	19.08	-3.519	2.490	0.027
SOT1(N-4.09 238	CIM7 Min	-0.27	2.54	16.98	-4.492	-0.994	-0.026
SOT1(N-4.09 238	CIM8 Max	0.91	3.04	18.80	-3.205	1.581	0.022
SOT1(N-4.09 238	CIM8 Min	0.13	2.44	17.26	-4.806	-0.085	-0.021
SOT1(N-4.09 238	ENVCIM Max	1.88	7.26	43.73	-3.205	3.172	0.027
SOT1(N-4.09 238	ENVCIM Min	-0.27	2.44	16.98	-10.619	-0.994	-0.026
SOT1(N-4.09 341	CIM1	-0.03	0.56	173.13	0.084	-0.552	-0.004
SOT1(N-4.09 341	CIM2	0.01	0.69	230.51	0.115	-0.726	-0.005
SOT1(N-4.09 341	CIM3 Max	3.33	10.59	202.30	1.410	7.370	-0.001
SOT1(N-4.09 341	CIM3 Min	-3.40	-9.47	143.95	-1.243	-8.474	-0.007
SOT1(N-4.09 341	CIM4 Max	3.58	16.01	191.70	2.260	4.168	-0.001
SOT1(N-4.09 341	CIM4 Min	-3.64	-14.89	154.55	-2.093	-5.271	-0.007
SOT1(N-4.09 341	CIM5 Max	2.54	8.22	238.10	1.107	5.272	-0.003
SOT1(N-4.09 341	CIM5 Min	-2.53	-6.90	194.23	-0.893	-6.638	-0.007
SOT1(N-4.09 341	CIM6 Max	2.72	12.27	230.16	1.743	2.875	-0.002

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 381 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 341	CIM6 Min	-2.71	-10.95	202.17	-1.529	-4.240	-0.007
SOT1(N-4.09 341	CIM7 Max	3.35	10.37	133.05	1.377	7.591	0.000
SOT1(N-4.09 341	CIM7 Min	-3.39	-9.70	74.70	-1.276	-8.254	-0.005
SOT1(N-4.09 341	CIM8 Max	3.59	15.78	122.45	2.227	4.388	0.001
SOT1(N-4.09 341	CIM8 Min	-3.63	-15.11	85.30	-2.126	-5.051	-0.005
SOT1(N-4.09 341	ENVCIM Max	3.59	16.01	238.10	2.260	7.591	0.001
SOT1(N-4.09 341	ENVCIM Min	-3.64	-15.11	74.70	-2.126	-8.474	-0.007
SOT1(N-4.09 342	CIM1	0.19	1.96	174.36	-0.374	0.398	0.002
SOT1(N-4.09 342	CIM2	0.35	2.99	234.79	-0.657	0.690	0.003
SOT1(N-4.09 342	CIM3 Max	3.73	12.00	205.44	2.398	8.354	0.004
SOT1(N-4.09 342	CIM3 Min	-3.34	-8.08	143.28	-3.147	-7.559	0.000
SOT1(N-4.09 342	CIM4 Max	4.16	17.43	194.44	2.657	5.190	0.005
SOT1(N-4.09 342	CIM4 Min	-3.77	-13.51	154.28	-3.406	-4.395	-0.001
SOT1(N-4.09 342	CIM5 Max	2.97	10.30	243.04	1.500	6.597	0.004
SOT1(N-4.09 342	CIM5 Min	-2.35	-4.83	196.31	-2.673	-5.364	0.001
SOT1(N-4.09 342	CIM6 Max	3.29	14.37	234.81	1.694	4.229	0.005
SOT1(N-4.09 342	CIM6 Min	-2.67	-8.89	204.55	-2.867	-2.996	0.001
SOT1(N-4.09 342	CIM7 Max	3.65	11.22	135.70	2.548	8.195	0.004
SOT1(N-4.09 342	CIM7 Min	-3.42	-8.87	73.54	-2.997	-7.718	-0.001
SOT1(N-4.09 342	CIM8 Max	4.08	16.64	124.70	2.806	5.031	0.004
SOT1(N-4.09 342	CIM8 Min	-3.85	-14.29	84.54	-3.256	-4.554	-0.001
SOT1(N-4.09 342	ENVCIM Max	4.16	17.43	243.04	2.806	8.354	0.005
SOT1(N-4.09 342	ENVCIM Min	-3.85	-14.29	73.54	-3.406	-7.718	-0.001
SOT1(N-4.09 345	CIM1	-5.86	-32.65	67.10	0.149	-0.061	-0.028
SOT1(N-4.09 345	CIM2	-7.96	-44.01	89.67	0.146	-0.057	-0.041
SOT1(N-4.09 345	CIM3 Max	-3.52	-23.67	88.50	1.110	2.762	1.252
SOT1(N-4.09 345	CIM3 Min	-8.20	-41.63	45.70	-0.813	-2.884	-1.308
SOT1(N-4.09 345	CIM4 Max	-3.36	-20.41	98.11	1.013	1.684	0.770
SOT1(N-4.09 345	CIM4 Min	-8.36	-44.89	36.10	-0.716	-1.806	-0.825
SOT1(N-4.09 345	CIM5 Max	-5.67	-34.41	100.15	0.870	2.064	0.925
SOT1(N-4.09 345	CIM5 Min	-9.20	-47.93	67.90	-0.577	-2.180	-1.000
SOT1(N-4.09 345	CIM6 Max	-5.56	-31.96	107.34	0.797	1.257	0.563
SOT1(N-4.09 345	CIM6 Min	-9.31	-50.37	60.72	-0.504	-1.373	-0.639
SOT1(N-4.09 345	CIM7 Max	-1.17	-10.61	61.66	1.051	2.786	1.263
SOT1(N-4.09 345	CIM7 Min	-5.86	-28.57	18.86	-0.872	-2.860	-1.297
SOT1(N-4.09 345	CIM8 Max	-1.02	-7.35	71.27	0.954	1.708	0.781
SOT1(N-4.09 345	CIM8 Min	-6.01	-31.83	9.26	-0.775	-1.782	-0.814
SOT1(N-4.09 345	ENVCIM Max	-1.02	-7.35	107.34	1.110	2.786	1.263
SOT1(N-4.09 345	ENVCIM Min	-9.31	-50.37	9.26	-0.872	-2.884	-1.308
SOT1(N-4.09 343	CIM1	6.09	-32.49	67.89	0.308	0.017	0.022
SOT1(N-4.09 343	CIM2	8.18	-43.47	90.42	0.406	0.059	0.054
SOT1(N-4.09 343	CIM3 Max	7.80	-27.72	79.74	0.794	2.785	1.210
SOT1(N-4.09 343	CIM3 Min	4.39	-37.26	56.05	-0.178	-2.751	-1.166
SOT1(N-4.09 343	CIM4 Max	8.35	-22.56	93.51	0.889	1.695	0.733
SOT1(N-4.09 343	CIM4 Min	3.84	-42.43	42.28	-0.273	-1.661	-0.689
SOT1(N-4.09 343	CIM5 Max	8.94	-37.13	93.73	0.748	2.129	0.939
SOT1(N-4.09 343	CIM5 Min	6.37	-44.33	75.85	0.016	-2.032	-0.847
SOT1(N-4.09 343	CIM6 Max	9.35	-33.26	104.04	0.819	1.313	0.582
SOT1(N-4.09 343	CIM6 Min	5.96	-48.19	65.54	-0.055	-1.216	-0.490
SOT1(N-4.09 343	CIM7 Max	5.36	-14.73	52.58	0.671	2.778	1.201
SOT1(N-4.09 343	CIM7 Min	1.95	-24.27	28.89	-0.301	-2.758	-1.175
SOT1(N-4.09 343	CIM8 Max	5.91	-9.56	66.35	0.766	1.689	0.724
SOT1(N-4.09 343	CIM8 Min	1.40	-29.43	15.12	-0.396	-1.668	-0.698
SOT1(N-4.09 343	ENVCIM Max	9.35	-9.56	104.04	0.889	2.785	1.210
SOT1(N-4.09 343	ENVCIM Min	1.40	-48.19	15.12	-0.396	-2.758	-1.175
SOT1(N-4.09 349	CIM1	18.15	0.63	23.28	-0.076	-0.336	0.067
SOT1(N-4.09 349	CIM2	22.98	0.70	29.68	-0.036	-0.351	0.030
SOT1(N-4.09 349	CIM3 Max	56.50	3.61	107.97	1.165	0.728	1.781
SOT1(N-4.09 349	CIM3 Min	-20.21	-2.35	-61.42	-1.317	-1.401	-1.648
SOT1(N-4.09 349	CIM4 Max	41.55	2.80	74.78	1.468	0.438	1.723
SOT1(N-4.09 349	CIM4 Min	-5.26	-1.53	-28.23	-1.619	-1.111	-1.589
SOT1(N-4.09 349	CIM5 Max	50.60	2.92	91.74	0.889	0.453	1.329
SOT1(N-4.09 349	CIM5 Min	-7.06	-1.56	-35.59	-0.980	-1.148	-1.251
SOT1(N-4.09 349	CIM6 Max	39.42	2.31	66.90	1.115	0.236	1.285
SOT1(N-4.09 349	CIM6 Min	4.13	-0.95	-10.75	-1.207	-0.931	-1.207

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	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>			Revisó:	<b>ING. JUAN C. PATIÑO</b>		
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>			Hoja:	<b>PAGINA 382 DE 398</b>		
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>			Fecha:	<b>OCTUBRE - 2014</b>		

SOT1(N-4.09 349	CIM7 Max	49.24	3.36	98.66	1.196	0.863	1.755
SOT1(N-4.09 349	CIM7 Min	-27.47	-2.60	-70.73	-1.287	-1.266	-1.674
SOT1(N-4.09 349	CIM8 Max	34.29	2.54	65.47	1.498	0.573	1.696
SOT1(N-4.09 349	CIM8 Min	-12.52	-1.78	-37.54	-1.589	-0.977	-1.616
SOT1(N-4.09 349	ENVCIM Max	56.50	3.61	107.97	1.498	0.863	1.781
SOT1(N-4.09 349	ENVCIM Min	-27.47	-2.60	-70.73	-1.619	-1.401	-1.674
SOT1(N-4.09 350	CIM1	-5.20	0.18	99.84	-0.475	-1.312	0.004
SOT1(N-4.09 350	CIM2	-6.14	0.09	122.92	-0.419	-1.393	0.011
SOT1(N-4.09 350	CIM3 Max	25.02	1.50	184.55	3.882	6.304	0.057
SOT1(N-4.09 350	CIM3 Min	-35.41	-1.14	15.13	-4.831	-8.929	-0.048
SOT1(N-4.09 350	CIM4 Max	14.46	1.75	151.53	4.661	3.487	0.043
SOT1(N-4.09 350	CIM4 Min	-24.85	-1.39	48.14	-5.610	-6.112	-0.034
SOT1(N-4.09 350	CIM5 Max	16.81	1.10	180.83	2.847	4.353	0.049
SOT1(N-4.09 350	CIM5 Min	-28.63	-0.88	53.47	-3.713	-7.098	-0.030
SOT1(N-4.09 350	CIM6 Max	8.91	1.29	156.12	3.430	2.244	0.038
SOT1(N-4.09 350	CIM6 Min	-20.72	-1.07	78.18	-4.296	-4.990	-0.020
SOT1(N-4.09 350	CIM7 Max	27.10	1.42	144.61	4.072	6.829	0.055
SOT1(N-4.09 350	CIM7 Min	-33.34	-1.21	-24.81	-4.641	-8.404	-0.050
SOT1(N-4.09 350	CIM8 Max	16.54	1.68	111.60	4.851	4.012	0.041
SOT1(N-4.09 350	CIM8 Min	-22.77	-1.46	8.21	-5.420	-5.587	-0.036
SOT1(N-4.09 350	ENVCIM Max	27.10	1.75	184.55	4.851	6.829	0.057
SOT1(N-4.09 350	ENVCIM Min	-35.41	-1.46	-24.81	-5.610	-8.929	-0.050
SOT1(N-4.09 352	CIM1	-20.02	-0.24	79.70	0.145	-1.002	0.092
SOT1(N-4.09 352	CIM2	-24.34	-0.26	96.97	0.237	-1.091	0.112
SOT1(N-4.09 352	CIM3 Max	-3.33	1.08	167.98	1.655	6.325	0.272
SOT1(N-4.09 352	CIM3 Min	-36.71	-1.55	-8.59	-1.366	-8.328	-0.088
SOT1(N-4.09 352	CIM4 Max	-9.83	1.07	133.36	2.668	3.504	0.449
SOT1(N-4.09 352	CIM4 Min	-30.21	-1.54	26.04	-2.379	-5.507	-0.264
SOT1(N-4.09 352	CIM5 Max	-10.72	0.73	159.02	1.353	4.438	0.243
SOT1(N-4.09 352	CIM5 Min	-35.80	-1.25	26.29	-0.924	-6.576	-0.028
SOT1(N-4.09 352	CIM6 Max	-15.58	0.73	133.10	2.111	2.327	0.375
SOT1(N-4.09 352	CIM6 Min	-30.94	-1.24	52.21	-1.683	-4.465	-0.160
SOT1(N-4.09 352	CIM7 Max	4.67	1.17	136.10	1.597	6.725	0.235
SOT1(N-4.09 352	CIM7 Min	-28.70	-1.46	-40.46	-1.423	-7.927	-0.125
SOT1(N-4.09 352	CIM8 Max	-1.82	1.16	101.48	2.611	3.905	0.412
SOT1(N-4.09 352	CIM8 Min	-22.20	-1.45	-5.84	-2.437	-5.107	-0.301
SOT1(N-4.09 352	ENVCIM Max	4.67	1.17	167.98	2.668	6.725	0.449
SOT1(N-4.09 352	ENVCIM Min	-36.71	-1.55	-40.46	-2.437	-8.328	-0.301
SOT1(N-4.09 359	CIM1	29.62	-0.64	127.78	0.192	1.218	-0.167
SOT1(N-4.09 359	CIM2	38.45	-1.31	167.42	1.013	1.480	-0.359
SOT1(N-4.09 359	CIM3 Max	39.33	-0.10	185.40	3.022	7.767	0.413
SOT1(N-4.09 359	CIM3 Min	19.91	-1.18	70.15	-2.638	-5.330	-0.746
SOT1(N-4.09 359	CIM4 Max	37.46	0.06	167.64	4.049	5.229	0.642
SOT1(N-4.09 359	CIM4 Min	21.78	-1.34	87.91	-3.665	-2.792	-0.975
SOT1(N-4.09 359	CIM5 Max	43.55	-0.73	200.84	2.939	6.337	0.126
SOT1(N-4.09 359	CIM5 Min	28.94	-1.55	114.18	-1.323	-3.508	-0.747
SOT1(N-4.09 359	CIM6 Max	42.15	-0.61	187.54	3.708	4.438	0.297
SOT1(N-4.09 359	CIM6 Min	30.34	-1.67	127.48	-2.093	-1.608	-0.919
SOT1(N-4.09 359	CIM7 Max	27.48	0.16	134.29	2.945	7.279	0.479
SOT1(N-4.09 359	CIM7 Min	8.06	-0.92	19.04	-2.714	-5.817	-0.680
SOT1(N-4.09 359	CIM8 Max	25.61	0.32	116.53	3.972	4.741	0.708
SOT1(N-4.09 359	CIM8 Min	9.93	-1.08	36.80	-3.742	-3.279	-0.908
SOT1(N-4.09 359	ENVCIM Max	43.55	0.32	200.84	4.049	7.767	0.708
SOT1(N-4.09 359	ENVCIM Min	8.06	-1.67	19.04	-3.742	-5.817	-0.975
SOT1(N-4.09 336	CIM1	19.06	-0.21	60.88	0.403	0.811	-0.044
SOT1(N-4.09 336	CIM2	24.55	-0.37	78.24	0.625	1.065	-0.073
SOT1(N-4.09 336	CIM3 Max	34.41	0.00	125.78	1.202	4.094	0.170
SOT1(N-4.09 336	CIM3 Min	3.71	-0.42	-4.03	-0.397	-2.472	-0.259
SOT1(N-4.09 336	CIM4 Max	28.28	0.09	99.17	1.505	2.822	0.253
SOT1(N-4.09 336	CIM4 Min	9.83	-0.51	22.58	-0.699	-1.200	-0.342
SOT1(N-4.09 336	CIM5 Max	34.72	-0.17	122.69	1.171	3.470	0.096
SOT1(N-4.09 336	CIM5 Min	11.64	-0.48	25.11	-0.033	-1.466	-0.227
SOT1(N-4.09 336	CIM6 Max	30.13	-0.10	102.77	1.398	2.517	0.158
SOT1(N-4.09 336	CIM6 Min	16.23	-0.55	45.03	-0.259	-0.514	-0.289
SOT1(N-4.09 336	CIM7 Max	26.79	0.08	101.43	1.041	3.770	0.188



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 383 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>


SOT1(N-4.09 336	CIM7 Min	-3.92	-0.33	-28.38	-0.558	-2.796	-0.241
SOT1(N-4.09 336	CIM8 Max	20.66	0.17	74.82	1.344	2.498	0.271
SOT1(N-4.09 336	CIM8 Min	2.21	-0.42	-1.77	-0.860	-1.524	-0.324
SOT1(N-4.09 336	ENVCIM Max	34.72	0.17	125.78	1.505	4.094	0.271
SOT1(N-4.09 336	ENVCIM Min	-3.92	-0.55	-28.38	-0.860	-2.796	-0.342
SOT1(N-4.09 360	CIM1	1.90	-0.20	136.58	-0.198	0.210	-0.005
SOT1(N-4.09 360	CIM2	1.57	-0.65	178.38	0.632	0.140	-0.024
SOT1(N-4.09 360	CIM3 Max	25.58	1.18	206.16	3.119	7.019	0.024
SOT1(N-4.09 360	CIM3 Min	-21.78	-1.58	67.01	-3.515	-6.600	-0.035
SOT1(N-4.09 360	CIM4 Max	16.85	1.65	178.85	4.173	4.341	0.040
SOT1(N-4.09 360	CIM4 Min	-13.05	-2.05	94.32	-4.569	-3.922	-0.050
SOT1(N-4.09 360	CIM5 Max	19.45	0.50	220.23	2.923	5.276	0.003
SOT1(N-4.09 360	CIM5 Min	-16.15	-1.58	115.63	-2.074	-4.961	-0.041
SOT1(N-4.09 360	CIM6 Max	12.92	0.85	199.79	3.711	3.271	0.015
SOT1(N-4.09 360	CIM6 Min	-9.62	-1.93	136.07	-2.862	-2.957	-0.053
SOT1(N-4.09 360	CIM7 Max	24.82	1.26	151.53	3.198	6.935	0.026
SOT1(N-4.09 360	CIM7 Min	-22.54	-1.50	12.37	-3.436	-6.684	-0.033
SOT1(N-4.09 360	CIM8 Max	16.09	1.73	124.22	4.252	4.257	0.042
SOT1(N-4.09 360	CIM8 Min	-13.81	-1.97	39.68	-4.490	-4.006	-0.048
SOT1(N-4.09 360	ENVCIM Max	25.58	1.73	220.23	4.252	7.019	0.042
SOT1(N-4.09 360	ENVCIM Min	-22.54	-2.05	12.37	-4.569	-6.684	-0.053
SOT1(N-4.09 383	CIM1	6.60	-0.86	148.37	1.443	8.746	0.053
SOT1(N-4.09 383	CIM2	9.86	-0.99	199.14	1.698	13.308	0.071
SOT1(N-4.09 383	CIM3 Max	16.23	-0.31	168.01	4.577	35.613	0.467
SOT1(N-4.09 383	CIM3 Min	-3.04	-1.41	128.72	-1.691	-18.121	-0.361
SOT1(N-4.09 383	CIM4 Max	12.83	0.20	161.62	8.074	26.302	0.392
SOT1(N-4.09 383	CIM4 Min	0.36	-1.92	135.11	-5.188	-8.810	-0.287
SOT1(N-4.09 383	CIM5 Max	16.29	-0.55	201.22	4.000	32.366	0.378
SOT1(N-4.09 383	CIM5 Min	1.80	-1.38	171.67	-0.730	-8.031	-0.245
SOT1(N-4.09 383	CIM6 Max	13.74	-0.16	196.43	6.617	25.397	0.322
SOT1(N-4.09 383	CIM6 Min	4.35	-1.76	176.45	-3.348	-1.061	-0.189
SOT1(N-4.09 383	CIM7 Max	13.59	0.04	108.67	4.000	32.115	0.446
SOT1(N-4.09 383	CIM7 Min	-5.68	-1.06	69.37	-2.268	-21.620	-0.382
SOT1(N-4.09 383	CIM8 Max	10.19	0.55	102.28	7.497	22.803	0.371
SOT1(N-4.09 383	CIM8 Min	-2.27	-1.57	75.76	-5.765	-12.308	-0.308
SOT1(N-4.09 383	ENVCIM Max	16.29	0.55	201.22	8.074	35.613	0.467
SOT1(N-4.09 383	ENVCIM Min	-5.68	-1.92	69.37	-5.765	-21.620	-0.382
SOT1(N-4.09 361	CIM1	-26.06	0.97	20.77	-0.056	-0.081	-0.188
SOT1(N-4.09 361	CIM2	-34.03	0.97	27.66	0.030	-0.126	-0.056
SOT1(N-4.09 361	CIM3 Max	9.11	1.40	56.61	0.374	0.296	0.396
SOT1(N-4.09 361	CIM3 Min	-61.22	0.54	-15.08	-0.487	-0.458	-0.772
SOT1(N-4.09 361	CIM4 Max	-5.02	1.79	41.88	0.495	0.150	0.548
SOT1(N-4.09 361	CIM4 Min	-47.09	0.14	-0.35	-0.607	-0.312	-0.924
SOT1(N-4.09 361	CIM5 Max	-5.61	1.29	52.88	0.333	0.169	0.351
SOT1(N-4.09 361	CIM5 Min	-58.47	0.64	-1.01	-0.315	-0.399	-0.529
SOT1(N-4.09 361	CIM6 Max	-16.18	1.59	41.85	0.423	0.059	0.465
SOT1(N-4.09 361	CIM6 Min	-47.90	0.35	10.02	-0.406	-0.289	-0.643
SOT1(N-4.09 361	CIM7 Max	19.53	1.01	48.31	0.397	0.329	0.471
SOT1(N-4.09 361	CIM7 Min	-50.80	0.15	-23.39	-0.464	-0.426	-0.697
SOT1(N-4.09 361	CIM8 Max	5.40	1.41	33.57	0.517	0.182	0.623
SOT1(N-4.09 361	CIM8 Min	-36.67	-0.24	-8.65	-0.585	-0.280	-0.849
SOT1(N-4.09 361	ENVCIM Max	19.53	1.79	56.61	0.517	0.329	0.623
SOT1(N-4.09 361	ENVCIM Min	-61.22	-0.24	-23.39	-0.607	-0.458	-0.924
SOT1(N-4.09 385	CIM1	30.44	1.57	139.79	-1.230	0.353	0.409
SOT1(N-4.09 385	CIM2	38.84	2.65	182.74	-2.519	0.065	0.708
SOT1(N-4.09 385	CIM3 Max	46.82	2.08	226.86	1.384	8.428	0.938
SOT1(N-4.09 385	CIM3 Min	14.06	1.07	52.73	-3.844	-7.723	-0.121
SOT1(N-4.09 385	CIM4 Max	41.07	2.05	197.21	2.256	5.432	1.114
SOT1(N-4.09 385	CIM4 Min	19.82	1.10	82.38	-4.716	-4.726	-0.296
SOT1(N-4.09 385	CIM5 Max	49.05	2.76	237.46	-0.228	6.207	1.032
SOT1(N-4.09 385	CIM5 Min	24.42	2.00	106.55	-4.166	-5.934	0.235
SOT1(N-4.09 385	CIM6 Max	44.74	2.74	215.27	0.424	3.965	1.163
SOT1(N-4.09 385	CIM6 Min	28.73	2.02	128.74	-4.818	-3.691	0.104
SOT1(N-4.09 385	CIM7 Max	34.65	1.45	170.94	1.876	8.287	0.775
SOT1(N-4.09 385	CIM7 Min	1.89	0.44	-3.19	-3.352	-7.864	-0.284






Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 384 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 385	CIM8 Max	28.89	1.42	141.29	2.748	5.291	0.950
SOT1(N-4.09 385	CIM8 Min	7.64	0.47	26.46	-4.224	-4.868	-0.459
SOT1(N-4.09 385	ENVCIM Max	49.05	2.76	237.46	2.748	8.428	1.163
SOT1(N-4.09 385	ENVCIM Min	1.89	0.44	-3.19	-4.818	-7.864	-0.459
SOT1(N-4.09 386	CIM1	-1.80	0.62	154.17	-0.889	-0.893	0.031
SOT1(N-4.09 386	CIM2	-4.49	1.27	202.09	-2.209	-1.624	0.061
SOT1(N-4.09 386	CIM3 Max	24.08	1.84	209.98	2.216	7.353	0.068
SOT1(N-4.09 386	CIM3 Min	-27.69	-0.59	98.36	-3.994	-9.140	-0.005
SOT1(N-4.09 386	CIM4 Max	16.79	2.14	190.49	3.175	4.275	0.088
SOT1(N-4.09 386	CIM4 Min	-20.40	-0.90	117.85	-4.953	-6.061	-0.025
SOT1(N-4.09 386	CIM5 Max	15.65	2.02	232.07	0.459	4.758	0.081
SOT1(N-4.09 386	CIM5 Min	-23.28	0.20	148.16	-4.218	-7.640	0.026
SOT1(N-4.09 386	CIM6 Max	10.19	2.25	217.48	1.177	2.454	0.096
SOT1(N-4.09 386	CIM6 Min	-17.82	-0.03	162.75	-4.935	-5.336	0.011
SOT1(N-4.09 386	CIM7 Max	24.81	1.59	148.31	2.571	7.711	0.055
SOT1(N-4.09 386	CIM7 Min	-26.97	-0.84	36.69	-3.638	-8.782	-0.018
SOT1(N-4.09 386	CIM8 Max	17.51	1.89	128.82	3.530	4.632	0.076
SOT1(N-4.09 386	CIM8 Min	-19.68	-1.15	56.19	-4.597	-5.704	-0.038
SOT1(N-4.09 386	ENVCIM Max	24.81	2.25	232.07	3.530	7.711	0.096
SOT1(N-4.09 386	ENVCIM Min	-27.69	-1.15	36.69	-4.953	-9.140	-0.038
SOT1(N-4.09 387	CIM1	-30.05	-0.68	27.55	-0.043	-0.215	0.008
SOT1(N-4.09 387	CIM2	-39.52	-0.57	37.81	-0.175	-0.337	-0.207
SOT1(N-4.09 387	CIM3 Max	5.94	-0.43	66.73	0.361	0.259	0.558
SOT1(N-4.09 387	CIM3 Min	-66.03	-0.93	-11.63	-0.446	-0.688	-0.542
SOT1(N-4.09 387	CIM4 Max	-6.61	-0.14	52.07	0.471	0.077	0.716
SOT1(N-4.09 387	CIM4 Min	-53.48	-1.22	3.02	-0.556	-0.507	-0.700
SOT1(N-4.09 387	CIM5 Max	-10.10	-0.40	64.69	0.162	0.049	0.261
SOT1(N-4.09 387	CIM5 Min	-64.20	-0.79	5.79	-0.446	-0.662	-0.567
SOT1(N-4.09 387	CIM6 Max	-19.49	-0.19	53.73	0.244	-0.087	0.379
SOT1(N-4.09 387	CIM6 Min	-54.81	-1.00	16.76	-0.528	-0.527	-0.685
SOT1(N-4.09 387	CIM7 Max	17.96	-0.16	55.71	0.378	0.345	0.555
SOT1(N-4.09 387	CIM7 Min	-54.01	-0.66	-22.65	-0.429	-0.602	-0.545
SOT1(N-4.09 387	CIM8 Max	5.41	0.13	41.05	0.488	0.163	0.713
SOT1(N-4.09 387	CIM8 Min	-41.47	-0.95	-8.00	-0.539	-0.421	-0.703
SOT1(N-4.09 387	ENVCIM Max	17.96	0.13	66.73	0.488	0.345	0.716
SOT1(N-4.09 387	ENVCIM Min	-66.03	-1.22	-22.65	-0.556	-0.688	-0.703
SOT1(N-4.09 221	CIM1	-1.60	3.68	30.23	-0.525	-0.352	-0.013
SOT1(N-4.09 221	CIM2	-2.04	4.59	37.69	-0.675	-0.509	-0.026
SOT1(N-4.09 221	CIM3 Max	5.30	18.62	156.16	2.997	2.501	0.078
SOT1(N-4.09 221	CIM3 Min	-8.51	-11.26	-95.71	-4.047	-3.204	-0.105
SOT1(N-4.09 221	CIM4 Max	3.62	16.18	138.38	3.376	1.253	0.040
SOT1(N-4.09 221	CIM4 Min	-6.82	-8.82	-77.92	-4.425	-1.957	-0.067
SOT1(N-4.09 221	CIM5 Max	3.26	15.60	130.55	2.014	1.674	0.046
SOT1(N-4.09 221	CIM5 Min	-7.12	-6.88	-58.90	-3.288	-2.614	-0.092
SOT1(N-4.09 221	CIM6 Max	2.00	13.78	117.24	2.297	0.741	0.017
SOT1(N-4.09 221	CIM6 Min	-5.86	-5.05	-45.59	-3.572	-1.680	-0.063
SOT1(N-4.09 221	CIM7 Max	5.94	17.15	144.07	3.207	2.642	0.084
SOT1(N-4.09 221	CIM7 Min	-7.86	-12.74	-107.80	-3.837	-3.064	-0.099
SOT1(N-4.09 221	CIM8 Max	4.26	14.71	126.29	3.586	1.394	0.046
SOT1(N-4.09 221	CIM8 Min	-6.18	-10.29	-90.01	-4.216	-1.816	-0.061
SOT1(N-4.09 221	ENVCIM Max	5.94	18.62	156.16	3.586	2.642	0.084
SOT1(N-4.09 221	ENVCIM Min	-8.51	-12.74	-107.80	-4.425	-3.204	-0.105
SOT1(N-4.09 222	CIM1	1.38	3.25	28.42	-0.434	0.210	0.015
SOT1(N-4.09 222	CIM2	1.88	4.30	37.58	-0.604	0.380	0.028
SOT1(N-4.09 222	CIM3 Max	8.04	17.62	151.15	2.934	2.952	0.112
SOT1(N-4.09 222	CIM3 Min	-5.28	-11.13	-94.31	-3.802	-2.531	-0.081
SOT1(N-4.09 222	CIM4 Max	6.88	16.53	142.12	3.831	1.856	0.074
SOT1(N-4.09 222	CIM4 Min	-4.12	-10.03	-85.27	-4.699	-1.436	-0.044
SOT1(N-4.09 222	CIM5 Max	6.76	14.85	127.63	1.974	2.399	0.097
SOT1(N-4.09 222	CIM5 Min	-3.26	-6.78	-57.04	-3.098	-1.723	-0.048
SOT1(N-4.09 222	CIM6 Max	5.89	14.03	120.86	2.646	1.579	0.069
SOT1(N-4.09 222	CIM6 Min	-2.39	-5.96	-50.28	-3.769	-0.903	-0.020
SOT1(N-4.09 222	CIM7 Max	7.48	16.32	139.79	3.108	2.868	0.106
SOT1(N-4.09 222	CIM7 Min	-5.83	-12.43	-105.68	-3.629	-2.615	-0.088
SOT1(N-4.09 222	CIM8 Max	6.33	15.23	130.75	4.005	1.772	0.068


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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 385 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 222	CIM8 Min	-4.68	-11.33	-96.64	-4.525	-1.520	-0.050
SOT1(N-4.09 222	ENVCIM Max	8.04	17.62	151.15	4.005	2.952	0.112
SOT1(N-4.09 222	ENVCIM Min	-5.83	-12.43	-105.68	-4.699	-2.615	-0.088
SOT1(N-4.09 300	CIM1	0.92	-4.51	62.20	6.844	1.310	0.003
SOT1(N-4.09 300	CIM2	1.22	-7.11	92.33	10.760	1.760	0.003
SOT1(N-4.09 300	CIM3 Max	3.00	-3.89	64.11	8.278	6.689	0.075
SOT1(N-4.09 300	CIM3 Min	-1.16	-5.14	60.30	5.410	-4.069	-0.070
SOT1(N-4.09 300	CIM4 Max	2.09	-3.18	63.77	9.947	4.300	0.063
SOT1(N-4.09 300	CIM4 Min	-0.24	-5.84	60.64	3.741	-1.680	-0.057
SOT1(N-4.09 300	CIM5 Max	2.71	-5.99	86.23	10.863	5.690	0.058
SOT1(N-4.09 300	CIM5 Min	-0.41	-6.93	83.37	8.699	-2.395	-0.051
SOT1(N-4.09 300	CIM6 Max	2.03	-5.46	85.98	12.113	3.903	0.048
SOT1(N-4.09 300	CIM6 Min	0.27	-7.46	83.62	7.449	-0.607	-0.042
SOT1(N-4.09 300	CIM7 Max	2.63	-2.08	39.23	5.540	6.165	0.074
SOT1(N-4.09 300	CIM7 Min	-1.52	-3.33	35.42	2.673	-4.593	-0.071
SOT1(N-4.09 300	CIM8 Max	1.72	-1.38	38.89	7.210	3.776	0.062
SOT1(N-4.09 300	CIM8 Min	-0.61	-4.04	35.76	1.003	-2.204	-0.058
SOT1(N-4.09 300	ENVCIM Max	3.00	-1.38	92.33	12.113	6.689	0.075
SOT1(N-4.09 300	ENVCIM Min	-1.52	-7.46	35.42	1.003	-4.593	-0.071
SOT1(N-4.09 302	CIM1	-1.08	-4.49	62.05	6.798	-1.697	0.003
SOT1(N-4.09 302	CIM2	-1.38	-7.08	92.16	10.704	-2.154	0.003
SOT1(N-4.09 302	CIM3 Max	1.02	-3.67	63.76	8.771	3.708	0.075
SOT1(N-4.09 302	CIM3 Min	-3.17	-5.31	60.33	4.825	-7.102	-0.070
SOT1(N-4.09 302	CIM4 Max	0.12	-3.02	63.55	10.286	1.335	0.063
SOT1(N-4.09 302	CIM4 Min	-2.27	-5.97	60.55	3.309	-4.729	-0.057
SOT1(N-4.09 302	CIM5 Max	0.27	-5.82	85.92	11.215	2.022	0.058
SOT1(N-4.09 302	CIM5 Min	-2.88	-7.05	83.34	8.240	-6.102	-0.051
SOT1(N-4.09 302	CIM6 Max	-0.41	-5.33	85.76	12.349	0.246	0.048
SOT1(N-4.09 302	CIM6 Min	-2.20	-7.54	83.51	7.105	-4.326	-0.042
SOT1(N-4.09 302	CIM7 Max	1.45	-1.88	38.94	6.051	4.387	0.074
SOT1(N-4.09 302	CIM7 Min	-2.74	-3.51	35.51	2.106	-6.423	-0.071
SOT1(N-4.09 302	CIM8 Max	0.55	-1.22	38.73	7.567	2.013	0.062
SOT1(N-4.09 302	CIM8 Min	-1.84	-4.17	35.73	0.590	-4.050	-0.058
SOT1(N-4.09 302	ENVCIM Max	1.45	-1.22	92.16	12.349	4.387	0.075
SOT1(N-4.09 302	ENVCIM Min	-3.17	-7.54	35.51	0.590	-7.102	-0.071
SOT1(N-4.09 333	CIM1	-6.72	33.14	122.04	-0.527	-0.578	0.193
SOT1(N-4.09 333	CIM2	-9.14	44.35	162.55	-0.698	-0.792	0.279
SOT1(N-4.09 333	CIM3 Max	-3.81	44.88	171.00	0.419	4.938	1.607
SOT1(N-4.09 333	CIM3 Min	-9.64	21.41	73.09	-1.472	-6.094	-1.221
SOT1(N-4.09 333	CIM4 Max	-4.38	44.21	173.21	1.092	2.661	1.011
SOT1(N-4.09 333	CIM4 Min	-9.07	22.08	70.88	-2.146	-3.816	-0.625
SOT1(N-4.09 333	CIM5 Max	-6.34	50.38	189.26	0.058	3.408	1.320
SOT1(N-4.09 333	CIM5 Min	-10.73	32.72	115.59	-1.368	-4.884	-0.805
SOT1(N-4.09 333	CIM6 Max	-6.77	49.88	190.92	0.562	1.703	0.874
SOT1(N-4.09 333	CIM6 Min	-10.30	33.22	113.93	-1.872	-3.179	-0.359
SOT1(N-4.09 333	CIM7 Max	-1.12	31.62	122.18	0.630	5.169	1.530
SOT1(N-4.09 333	CIM7 Min	-6.95	8.15	24.27	-1.262	-5.863	-1.299
SOT1(N-4.09 333	CIM8 Max	-1.69	30.95	124.39	1.303	2.892	0.934
SOT1(N-4.09 333	CIM8 Min	-6.38	8.82	22.06	-1.935	-3.585	-0.703
SOT1(N-4.09 333	ENVCIM Max	-1.12	50.38	190.92	1.303	5.169	1.607
SOT1(N-4.09 333	ENVCIM Min	-10.73	8.15	22.06	-2.146	-6.094	-1.299
SOT1(N-4.09 335	CIM1	7.04	34.61	123.80	-0.845	0.434	-0.129
SOT1(N-4.09 335	CIM2	9.75	47.37	167.55	-1.240	0.719	-0.219
SOT1(N-4.09 335	CIM3 Max	9.14	41.94	160.41	1.002	5.936	1.348
SOT1(N-4.09 335	CIM3 Min	4.94	27.29	87.19	-2.691	-5.068	-1.607
SOT1(N-4.09 335	CIM4 Max	8.84	43.78	170.68	1.310	3.688	0.766
SOT1(N-4.09 335	CIM4 Min	5.24	25.45	76.93	-3.000	-2.820	-1.025
SOT1(N-4.09 335	CIM5 Max	10.65	49.70	184.18	0.248	4.784	0.914
SOT1(N-4.09 335	CIM5 Min	7.50	38.67	129.05	-2.531	-3.488	-1.307
SOT1(N-4.09 335	CIM6 Max	10.43	51.07	191.86	0.480	3.101	0.478
SOT1(N-4.09 335	CIM6 Min	7.72	37.29	121.36	-2.763	-1.805	-0.871
SOT1(N-4.09 335	CIM7 Max	6.32	28.09	110.89	1.339	5.763	1.400
SOT1(N-4.09 335	CIM7 Min	2.13	13.44	37.67	-2.353	-5.242	-1.555
SOT1(N-4.09 335	CIM8 Max	6.02	29.93	121.16	1.648	3.514	0.818
SOT1(N-4.09 335	CIM8 Min	2.43	11.60	27.41	-2.662	-2.993	-0.973



	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 386 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 335	ENVCIM Max	10.65	51.07	191.86	1.648	5.936	1.400
SOT1(N-4.09 335	ENVCIM Min	2.13	11.60	27.41	-3.000	-5.242	-1.607
SOT1(N-4.09 1	CIM1	15.48	10.48	80.47	-2.017	0.105	-0.024
SOT1(N-4.09 1	CIM2	17.96	13.70	95.02	-2.891	0.148	-0.031
SOT1(N-4.09 1	CIM3 Max	30.03	30.98	195.04	1.971	3.201	0.345
SOT1(N-4.09 1	CIM3 Min	0.93	-10.02	-34.10	-6.006	-2.990	-0.393
SOT1(N-4.09 1	CIM4 Max	27.55	46.29	160.18	5.161	2.711	0.633
SOT1(N-4.09 1	CIM4 Min	3.41	-25.33	0.76	-9.196	-2.500	-0.681
SOT1(N-4.09 1	CIM5 Max	28.28	28.35	177.52	0.335	2.466	0.249
SOT1(N-4.09 1	CIM5 Min	6.40	-2.56	5.24	-5.681	-2.191	-0.308
SOT1(N-4.09 1	CIM6 Max	26.42	39.81	151.43	2.722	2.099	0.465
SOT1(N-4.09 1	CIM6 Min	8.26	-14.02	31.33	-8.068	-1.824	-0.524
SOT1(N-4.09 1	CIM7 Max	23.84	26.79	162.85	2.778	3.159	0.355
SOT1(N-4.09 1	CIM7 Min	-5.26	-14.21	-66.29	-5.199	-3.032	-0.383
SOT1(N-4.09 1	CIM8 Max	21.35	42.10	127.99	5.968	2.669	0.643
SOT1(N-4.09 1	CIM8 Min	-2.78	-29.52	-31.43	-8.389	-2.542	-0.672
SOT1(N-4.09 1	ENVCIM Max	30.03	46.29	195.04	5.968	3.201	0.643
SOT1(N-4.09 1	ENVCIM Min	-5.26	-29.52	-66.29	-9.196	-3.032	-0.681
SOT1(N-4.09 2	CIM1	-4.14	0.04	69.87	-0.114	-4.970	0.029
SOT1(N-4.09 2	CIM2	-3.36	0.09	81.63	-0.208	-5.864	0.037
SOT1(N-4.09 2	CIM3 Max	39.29	0.52	86.27	1.072	0.848	0.379
SOT1(N-4.09 2	CIM3 Min	-47.56	-0.45	53.48	-1.300	-10.789	-0.322
SOT1(N-4.09 2	CIM4 Max	19.70	0.55	81.77	2.129	-1.193	0.664
SOT1(N-4.09 2	CIM4 Min	-27.98	-0.48	57.98	-2.357	-8.748	-0.606
SOT1(N-4.09 2	CIM5 Max	29.08	0.44	91.02	0.710	-1.267	0.300
SOT1(N-4.09 2	CIM5 Min	-36.19	-0.29	66.36	-1.079	-10.015	-0.229
SOT1(N-4.09 2	CIM6 Max	14.42	0.47	87.65	1.501	-2.794	0.513
SOT1(N-4.09 2	CIM6 Min	-21.54	-0.31	69.73	-1.870	-8.488	-0.442
SOT1(N-4.09 2	CIM7 Max	40.94	0.50	58.32	1.117	2.836	0.368
SOT1(N-4.09 2	CIM7 Min	-45.91	-0.46	25.53	-1.254	-8.800	-0.333
SOT1(N-4.09 2	CIM8 Max	21.36	0.54	53.82	2.174	0.795	0.652
SOT1(N-4.09 2	CIM8 Min	-26.32	-0.50	30.03	-2.311	-6.760	-0.618
SOT1(N-4.09 2	ENVCIM Max	40.94	0.55	91.02	2.174	2.836	0.664
SOT1(N-4.09 2	ENVCIM Min	-47.56	-0.50	25.53	-2.357	-10.789	-0.618
SOT1(N-4.09 88	CIM1	-0.14	-28.17	166.58	-3.969	-0.268	-0.049
SOT1(N-4.09 88	CIM2	-0.14	-35.10	206.34	-6.340	-0.283	-0.054
SOT1(N-4.09 88	CIM3 Max	1.44	20.39	233.85	4.278	2.401	1.111
SOT1(N-4.09 88	CIM3 Min	-1.71	-76.72	99.31	-12.216	-2.936	-1.209
SOT1(N-4.09 88	CIM4 Max	0.85	58.83	226.77	2.794	1.373	0.399
SOT1(N-4.09 88	CIM4 Min	-1.12	-115.16	106.39	-10.731	-1.908	-0.497
SOT1(N-4.09 88	CIM5 Max	1.05	3.25	247.00	0.455	1.727	0.819
SOT1(N-4.09 88	CIM5 Min	-1.33	-69.97	145.79	-11.950	-2.285	-0.924
SOT1(N-4.09 88	CIM6 Max	0.60	32.02	241.70	-0.656	0.957	0.286
SOT1(N-4.09 88	CIM6 Min	-0.88	-98.75	151.09	-10.839	-1.515	-0.391
SOT1(N-4.09 88	CIM7 Max	1.50	31.65	167.22	5.866	2.508	1.130
SOT1(N-4.09 88	CIM7 Min	-1.66	-65.45	32.68	-10.628	-2.829	-1.189
SOT1(N-4.09 88	CIM8 Max	0.90	70.10	160.14	4.381	1.480	0.419
SOT1(N-4.09 88	CIM8 Min	-1.07	-103.90	39.76	-9.144	-1.801	-0.478
SOT1(N-4.09 88	ENVCIM Max	1.50	70.10	247.00	5.866	2.508	1.130
SOT1(N-4.09 88	ENVCIM Min	-1.71	-115.16	32.68	-12.216	-2.936	-1.209
SOT1(N-4.09 53	CIM1	-29.45	-0.07	50.38	0.173	0.410	0.027
SOT1(N-4.09 53	CIM2	-36.69	-0.08	62.31	0.200	0.520	0.035
SOT1(N-4.09 53	CIM3 Max	-19.54	0.34	73.60	1.065	4.922	0.376
SOT1(N-4.09 53	CIM3 Min	-39.36	-0.49	27.17	-0.719	-4.101	-0.322
SOT1(N-4.09 53	CIM4 Max	-23.45	0.34	64.11	1.656	3.525	0.681
SOT1(N-4.09 53	CIM4 Min	-35.44	-0.49	36.65	-1.310	-2.705	-0.628
SOT1(N-4.09 53	CIM5 Max	-27.43	0.24	76.78	0.865	3.884	0.297
SOT1(N-4.09 53	CIM5 Min	-42.33	-0.39	41.88	-0.479	-2.899	-0.230
SOT1(N-4.09 53	CIM6 Max	-30.36	0.24	69.68	1.308	2.839	0.525
SOT1(N-4.09 53	CIM6 Min	-39.40	-0.39	48.98	-0.921	-1.854	-0.459
SOT1(N-4.09 53	CIM7 Max	-7.76	0.37	53.44	0.996	4.757	0.365
SOT1(N-4.09 53	CIM7 Min	-27.58	-0.46	7.01	-0.788	-4.265	-0.333
SOT1(N-4.09 53	CIM8 Max	-11.67	0.37	43.96	1.586	3.361	0.671
SOT1(N-4.09 53	CIM8 Min	-23.66	-0.46	16.50	-1.379	-2.869	-0.638
SOT1(N-4.09 53	ENVCIM Max	-7.76	0.37	76.78	1.656	4.922	0.681

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 387 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 53	ENVCIM Min	-42.33	-0.49	7.01	-1.379	-4.265	-0.638
SOT1(N-4.09 52	CIM1	32.09	16.06	154.73	1.874	0.182	0.025
SOT1(N-4.09 52	CIM2	40.06	20.72	194.16	2.200	0.284	0.023
SOT1(N-4.09 52	CIM3 Max	70.73	41.35	182.35	8.373	4.789	1.250
SOT1(N-4.09 52	CIM3 Min	-6.55	-9.23	127.12	-4.626	-4.424	-1.199
SOT1(N-4.09 52	CIM4 Max	55.93	36.18	182.87	10.616	4.112	0.906
SOT1(N-4.09 52	CIM4 Min	8.25	-4.05	126.60	-6.869	-3.748	-0.855
SOT1(N-4.09 52	CIM5 Max	67.12	38.58	205.09	7.014	3.724	0.944
SOT1(N-4.09 52	CIM5 Min	9.02	0.54	163.52	-2.776	-3.206	-0.897
SOT1(N-4.09 52	CIM6 Max	56.04	34.71	205.48	8.693	3.217	0.687
SOT1(N-4.09 52	CIM6 Min	20.10	4.41	163.14	-4.455	-2.700	-0.640
SOT1(N-4.09 52	CIM7 Max	57.90	34.93	120.46	7.623	4.716	1.240
SOT1(N-4.09 52	CIM7 Min	-19.39	-15.65	65.22	-5.375	-4.497	-1.209
SOT1(N-4.09 52	CIM8 Max	43.10	29.76	120.97	9.867	4.040	0.896
SOT1(N-4.09 52	CIM8 Min	-4.59	-10.48	64.71	-7.618	-3.821	-0.865
SOT1(N-4.09 52	ENVCIM Max	70.73	41.35	205.48	10.616	4.789	1.250
SOT1(N-4.09 52	ENVCIM Min	-19.39	-15.65	64.71	-7.618	-4.497	-1.209
SOT1(N-4.09 271	CIM1	17.13	3.82	133.84	0.477	0.666	0.264
SOT1(N-4.09 271	CIM2	21.79	4.89	166.35	0.500	0.997	0.380
SOT1(N-4.09 271	CIM3 Max	51.93	17.29	424.60	7.439	11.546	1.090
SOT1(N-4.09 271	CIM3 Min	-17.66	-9.66	-156.92	-6.485	-10.214	-0.562
SOT1(N-4.09 271	CIM4 Max	49.79	19.47	367.85	11.116	6.895	1.234
SOT1(N-4.09 271	CIM4 Min	-15.52	-11.84	-100.18	-10.163	-5.563	-0.706
SOT1(N-4.09 271	CIM5 Max	46.80	14.77	376.90	5.741	9.092	0.973
SOT1(N-4.09 271	CIM5 Min	-5.55	-5.52	-60.45	-4.752	-7.263	-0.271
SOT1(N-4.09 271	CIM6 Max	45.20	16.40	334.43	8.493	5.611	1.081
SOT1(N-4.09 271	CIM6 Min	-3.95	-7.15	-17.98	-7.504	-3.782	-0.379
SOT1(N-4.09 271	CIM7 Max	45.07	15.77	371.06	7.248	11.280	0.984
SOT1(N-4.09 271	CIM7 Min	-24.51	-11.19	-210.46	-6.676	-10.480	-0.667
SOT1(N-4.09 271	CIM8 Max	42.94	17.94	314.32	10.926	6.629	1.129
SOT1(N-4.09 271	CIM8 Min	-22.37	-13.36	-153.72	-10.353	-5.829	-0.812
SOT1(N-4.09 271	ENVCIM Max	51.93	19.47	424.60	11.116	11.546	1.234
SOT1(N-4.09 271	ENVCIM Min	-24.51	-13.36	-210.46	-10.353	-10.480	-0.812
SOT1(N-4.09 276	CIM1	-12.61	-13.57	116.80	0.753	-0.241	0.079
SOT1(N-4.09 276	CIM2	-15.11	-17.01	143.15	0.899	-0.114	0.097
SOT1(N-4.09 276	CIM3 Max	9.79	1.21	264.77	4.213	10.190	0.739
SOT1(N-4.09 276	CIM3 Min	-35.01	-28.36	-31.17	-2.707	-10.672	-0.581
SOT1(N-4.09 276	CIM4 Max	14.65	10.38	340.89	7.119	5.873	0.827
SOT1(N-4.09 276	CIM4 Min	-39.88	-37.53	-107.29	-5.613	-6.355	-0.669
SOT1(N-4.09 276	CIM5 Max	2.38	-5.01	248.06	3.472	7.695	0.589
SOT1(N-4.09 276	CIM5 Min	-31.36	-27.29	25.07	-1.747	-7.986	-0.404
SOT1(N-4.09 276	CIM6 Max	6.02	1.86	305.03	5.647	4.464	0.655
SOT1(N-4.09 276	CIM6 Min	-34.99	-34.16	-31.90	-3.922	-4.755	-0.470
SOT1(N-4.09 276	CIM7 Max	14.83	6.64	218.05	3.912	10.286	0.707
SOT1(N-4.09 276	CIM7 Min	-29.97	-22.93	-77.89	-3.008	-10.575	-0.612
SOT1(N-4.09 276	CIM8 Max	19.70	15.81	294.17	6.818	5.970	0.795
SOT1(N-4.09 276	CIM8 Min	-34.83	-32.10	-154.01	-5.914	-6.259	-0.700
SOT1(N-4.09 276	ENVCIM Max	19.70	15.81	340.89	7.119	10.286	0.827
SOT1(N-4.09 276	ENVCIM Min	-39.88	-37.53	-154.01	-5.914	-10.672	-0.700
SOT1(N-4.09 272	CIM1	-14.90	1.89	134.66	0.554	-0.701	-0.130
SOT1(N-4.09 272	CIM2	-18.67	2.16	162.61	0.676	-0.967	-0.169
SOT1(N-4.09 272	CIM3 Max	18.23	29.46	417.02	11.280	10.488	0.663
SOT1(N-4.09 272	CIM3 Min	-48.03	-25.69	-147.71	-10.172	-11.889	-0.924
SOT1(N-4.09 272	CIM4 Max	12.86	31.13	366.31	15.447	5.482	0.848
SOT1(N-4.09 272	CIM4 Min	-42.66	-27.36	-97.00	-14.338	-6.884	-1.109
SOT1(N-4.09 272	CIM5 Max	7.19	22.85	367.99	8.725	7.508	0.438
SOT1(N-4.09 272	CIM5 Min	-42.65	-18.66	-56.75	-7.434	-9.310	-0.757
SOT1(N-4.09 272	CIM6 Max	3.17	24.10	330.04	11.844	3.762	0.577
SOT1(N-4.09 272	CIM6 Min	-38.63	-19.91	-18.79	-10.552	-5.564	-0.895
SOT1(N-4.09 272	CIM7 Max	24.19	28.70	363.16	11.059	10.768	0.715
SOT1(N-4.09 272	CIM7 Min	-42.07	-26.44	-201.57	-10.393	-11.609	-0.872
SOT1(N-4.09 272	CIM8 Max	18.82	30.38	312.45	15.225	5.763	0.900
SOT1(N-4.09 272	CIM8 Min	-36.70	-28.11	-150.86	-14.560	-6.604	-1.057
SOT1(N-4.09 272	ENVCIM Max	24.19	31.13	417.02	15.447	10.768	0.900
SOT1(N-4.09 272	ENVCIM Min	-48.03	-28.11	-201.57	-14.560	-11.889	-1.109



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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 388 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 288	CIM1	12.69	-13.05	102.44	0.951	0.078	-0.083
SOT1(N-4.09 288	CIM2	14.76	-16.24	124.47	1.159	-0.025	-0.091
SOT1(N-4.09 288	CIM3 Max	41.19	9.40	285.31	7.193	10.842	0.518
SOT1(N-4.09 288	CIM3 Min	-15.81	-35.49	-80.42	-5.290	-10.686	-0.685
SOT1(N-4.09 288	CIM4 Max	48.51	17.84	356.78	9.995	6.601	0.743
SOT1(N-4.09 288	CIM4 Min	-23.14	-43.93	-151.89	-8.092	-6.444	-0.909
SOT1(N-4.09 288	CIM5 Max	35.70	1.46	256.71	5.809	8.092	0.364
SOT1(N-4.09 288	CIM5 Min	-7.22	-32.35	-18.78	-3.595	-8.091	-0.542
SOT1(N-4.09 288	CIM6 Max	41.18	7.78	310.20	7.906	4.917	0.532
SOT1(N-4.09 288	CIM6 Min	-12.70	-38.66	-72.28	-5.692	-4.916	-0.711
SOT1(N-4.09 288	CIM7 Max	36.11	14.62	244.33	6.812	10.811	0.552
SOT1(N-4.09 288	CIM7 Min	-20.89	-30.27	-121.40	-5.671	-10.717	-0.651
SOT1(N-4.09 288	CIM8 Max	43.44	23.05	315.80	9.614	6.569	0.776
SOT1(N-4.09 288	CIM8 Min	-28.21	-38.71	-192.87	-8.473	-6.475	-0.876
SOT1(N-4.09 288	ENVCIM Max	48.51	23.05	356.78	9.995	10.842	0.776
SOT1(N-4.09 288	ENVCIM Min	-28.21	-43.93	-192.87	-8.473	-10.717	-0.909
SOT1(N-4.09 228	CIM1	6.29	4.28	63.37	0.137	-0.122	0.008
SOT1(N-4.09 228	CIM2	8.02	5.39	79.38	0.164	-0.102	0.011
SOT1(N-4.09 228	CIM3 Max	20.85	31.86	235.97	8.326	4.172	0.195
SOT1(N-4.09 228	CIM3 Min	-8.26	-23.30	-109.23	-8.052	-4.416	-0.179
SOT1(N-4.09 228	CIM4 Max	17.47	32.71	200.11	10.577	3.392	0.259
SOT1(N-4.09 228	CIM4 Min	-4.88	-24.15	-73.37	-10.302	-3.637	-0.243
SOT1(N-4.09 228	CIM5 Max	18.54	25.87	205.18	6.324	3.123	0.151
SOT1(N-4.09 228	CIM5 Min	-3.36	-15.64	-54.43	-6.009	-3.336	-0.130
SOT1(N-4.09 228	CIM6 Max	16.00	26.51	178.34	8.009	2.540	0.199
SOT1(N-4.09 228	CIM6 Min	-0.83	-16.28	-27.59	-7.694	-2.753	-0.178
SOT1(N-4.09 228	CIM7 Max	18.33	30.15	210.62	8.271	4.221	0.192
SOT1(N-4.09 228	CIM7 Min	-10.78	-25.01	-134.58	-8.107	-4.367	-0.182
SOT1(N-4.09 228	CIM8 Max	14.95	31.00	174.76	10.522	3.441	0.256
SOT1(N-4.09 228	CIM8 Min	-7.40	-25.86	-98.71	-10.357	-3.588	-0.246
SOT1(N-4.09 228	ENVCIM Max	20.85	32.71	235.97	10.577	4.221	0.259
SOT1(N-4.09 228	ENVCIM Min	-10.78	-25.86	-134.58	-10.357	-4.416	-0.246
SOT1(N-4.09 236	CIM1	-8.01	5.47	83.11	-0.346	0.160	-0.015
SOT1(N-4.09 236	CIM2	-10.10	6.28	101.45	-0.355	0.176	-0.015
SOT1(N-4.09 236	CIM3 Max	5.79	46.04	266.25	11.384	4.144	0.278
SOT1(N-4.09 236	CIM3 Min	-21.81	-35.10	-100.03	-12.076	-3.824	-0.308
SOT1(N-4.09 236	CIM4 Max	2.81	45.51	226.03	13.056	3.477	0.322
SOT1(N-4.09 236	CIM4 Min	-18.83	-34.57	-59.80	-13.748	-3.157	-0.352
SOT1(N-4.09 236	CIM5 Max	0.80	36.60	234.59	8.477	3.168	0.205
SOT1(N-4.09 236	CIM5 Min	-19.96	-24.45	-40.86	-9.183	-2.825	-0.236
SOT1(N-4.09 236	CIM6 Max	-1.43	36.21	204.49	9.728	2.669	0.238
SOT1(N-4.09 236	CIM6 Min	-17.72	-24.05	-10.76	-10.434	-2.326	-0.269
SOT1(N-4.09 236	CIM7 Max	8.99	43.85	233.01	11.522	4.080	0.284
SOT1(N-4.09 236	CIM7 Min	-18.61	-37.29	-133.27	-11.938	-3.888	-0.302
SOT1(N-4.09 236	CIM8 Max	6.01	43.32	192.78	13.194	3.413	0.328
SOT1(N-4.09 236	CIM8 Min	-15.62	-36.76	-93.05	-13.609	-3.221	-0.346
SOT1(N-4.09 236	ENVCIM Max	8.99	46.04	266.25	13.194	4.144	0.328
SOT1(N-4.09 236	ENVCIM Min	-21.81	-37.29	-133.27	-13.748	-3.888	-0.352
SOT1(N-4.09 257	CIM1	-3.51	1.59	85.77	0.640	0.039	0.001
SOT1(N-4.09 257	CIM2	-4.05	1.79	105.69	0.954	0.194	0.002
SOT1(N-4.09 257	CIM3 Max	13.02	26.07	200.79	7.314	6.948	0.010
SOT1(N-4.09 257	CIM3 Min	-20.05	-22.88	-29.25	-6.033	-6.871	-0.008
SOT1(N-4.09 257	CIM4 Max	8.10	22.33	167.58	7.599	4.665	0.011
SOT1(N-4.09 257	CIM4 Min	-15.13	-19.14	3.97	-6.318	-4.587	-0.009
SOT1(N-4.09 257	CIM5 Max	8.52	20.15	187.19	5.898	5.350	0.008
SOT1(N-4.09 257	CIM5 Min	-16.35	-16.67	14.23	-4.147	-5.040	-0.005
SOT1(N-4.09 257	CIM6 Max	4.84	17.35	162.33	6.111	3.641	0.010
SOT1(N-4.09 257	CIM6 Min	-12.66	-13.87	39.09	-4.360	-3.330	-0.006
SOT1(N-4.09 257	CIM7 Max	14.43	25.43	166.48	7.058	6.933	0.010
SOT1(N-4.09 257	CIM7 Min	-18.65	-23.52	-63.56	-6.289	-6.886	-0.008
SOT1(N-4.09 257	CIM8 Max	9.51	21.69	133.27	7.343	4.649	0.011
SOT1(N-4.09 257	CIM8 Min	-13.72	-19.78	-30.34	-6.575	-4.603	-0.010
SOT1(N-4.09 257	ENVCIM Max	14.43	26.07	200.79	7.599	6.948	0.011
SOT1(N-4.09 257	ENVCIM Min	-20.05	-23.52	-63.56	-6.575	-6.886	-0.010



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 389 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 231	CIM1	-1.86	4.37	46.28	-1.458	-0.640	-0.001
SOT1(N-4.09 231	CIM2	-2.29	5.35	57.15	-1.967	-0.865	-0.002
SOT1(N-4.09 231	CIM3 Max	10.77	34.18	158.38	10.437	4.695	0.005
SOT1(N-4.09 231	CIM3 Min	-14.49	-25.45	-65.82	-13.353	-5.976	-0.006
SOT1(N-4.09 231	CIM4 Max	8.44	28.86	118.34	10.054	4.212	0.002
SOT1(N-4.09 231	CIM4 Min	-12.16	-20.13	-25.78	-12.971	-5.492	-0.004
SOT1(N-4.09 231	CIM5 Max	7.32	27.53	138.70	7.110	3.205	0.003
SOT1(N-4.09 231	CIM5 Min	-11.68	-17.33	-29.84	-10.790	-4.823	-0.006
SOT1(N-4.09 231	CIM6 Max	5.57	23.55	108.73	6.824	2.843	0.001
SOT1(N-4.09 231	CIM6 Min	-9.93	-13.34	0.13	-10.504	-4.461	-0.004
SOT1(N-4.09 231	CIM7 Max	11.52	32.44	139.87	11.020	4.951	0.005
SOT1(N-4.09 231	CIM7 Min	-13.75	-27.20	-84.33	-12.770	-5.720	-0.006
SOT1(N-4.09 231	CIM8 Max	9.18	27.12	99.83	10.638	4.468	0.003
SOT1(N-4.09 231	CIM8 Min	-11.41	-21.88	-44.29	-12.388	-5.236	-0.004
SOT1(N-4.09 231	ENVCIM Max	11.52	34.18	158.38	11.020	4.951	0.005
SOT1(N-4.09 231	ENVCIM Min	-14.49	-27.20	-84.33	-13.353	-5.976	-0.006
SOT1(N-4.09 256	CIM1	3.78	0.00	22.28	0.004	0.299	-0.007
SOT1(N-4.09 256	CIM2	4.89	0.00	27.77	0.005	0.426	-0.009
SOT1(N-4.09 256	CIM3 Max	13.81	0.01	59.03	0.050	3.902	-0.001
SOT1(N-4.09 256	CIM3 Min	-6.25	-0.02	-14.47	-0.042	-3.304	-0.012
SOT1(N-4.09 256	CIM4 Max	10.34	0.03	48.56	0.085	2.364	0.000
SOT1(N-4.09 256	CIM4 Min	-2.77	-0.03	-4.01	-0.077	-1.766	-0.013
SOT1(N-4.09 256	CIM5 Max	12.16	0.01	54.03	0.039	3.102	-0.004
SOT1(N-4.09 256	CIM5 Min	-2.93	-0.02	-1.23	-0.030	-2.314	-0.013
SOT1(N-4.09 256	CIM6 Max	9.56	0.02	46.20	0.066	1.951	-0.003
SOT1(N-4.09 256	CIM6 Min	-0.32	-0.02	6.60	-0.056	-1.163	-0.013
SOT1(N-4.09 256	CIM7 Max	12.30	0.02	50.12	0.048	3.783	0.002
SOT1(N-4.09 256	CIM7 Min	-7.76	-0.02	-23.38	-0.043	-3.424	-0.010
SOT1(N-4.09 256	CIM8 Max	8.83	0.03	39.65	0.084	2.244	0.003
SOT1(N-4.09 256	CIM8 Min	-4.29	-0.03	-12.92	-0.079	-1.885	-0.011
SOT1(N-4.09 256	ENVCIM Max	13.81	0.03	59.03	0.085	3.902	0.003
SOT1(N-4.09 256	ENVCIM Min	-7.76	-0.03	-23.38	-0.079	-3.424	-0.013
SOT1(N-4.09 258	CIM1	2.20	-0.85	73.66	1.070	-0.428	-0.001
SOT1(N-4.09 258	CIM2	2.45	-1.14	92.50	1.462	-0.618	-0.002
SOT1(N-4.09 258	CIM3 Max	14.82	16.75	192.82	6.464	5.402	0.008
SOT1(N-4.09 258	CIM3 Min	-10.43	-18.45	-45.51	-4.324	-6.259	-0.010
SOT1(N-4.09 258	CIM4 Max	11.76	18.44	157.57	8.238	3.529	0.011
SOT1(N-4.09 258	CIM4 Min	-7.37	-20.15	-10.25	-6.098	-4.386	-0.013
SOT1(N-4.09 258	CIM5 Max	11.89	12.19	177.39	5.427	3.813	0.005
SOT1(N-4.09 258	CIM5 Min	-7.11	-14.31	-1.81	-2.698	-4.955	-0.009
SOT1(N-4.09 258	CIM6 Max	9.59	13.45	151.00	6.754	2.411	0.007
SOT1(N-4.09 258	CIM6 Min	-4.82	-15.58	24.58	-4.026	-3.553	-0.011
SOT1(N-4.09 258	CIM7 Max	13.95	17.09	163.36	6.036	5.574	0.009
SOT1(N-4.09 258	CIM7 Min	-11.31	-18.11	-74.97	-4.752	-6.088	-0.010
SOT1(N-4.09 258	CIM8 Max	10.89	18.79	128.11	7.810	3.700	0.011
SOT1(N-4.09 258	CIM8 Min	-8.25	-19.81	-39.72	-6.526	-4.215	-0.013
SOT1(N-4.09 258	ENVCIM Max	14.82	18.79	192.82	8.238	5.574	0.011
SOT1(N-4.09 258	ENVCIM Min	-11.31	-20.15	-74.97	-6.526	-6.259	-0.013
SOT1(N-4.09 232	CIM1	0.89	2.07	41.35	-1.160	0.493	0.001
SOT1(N-4.09 232	CIM2	1.22	2.82	53.19	-1.757	0.757	0.001
SOT1(N-4.09 232	CIM3 Max	11.76	27.72	151.22	10.195	5.566	0.006
SOT1(N-4.09 232	CIM3 Min	-9.98	-23.57	-68.52	-12.514	-4.580	-0.005
SOT1(N-4.09 232	CIM4 Max	11.58	27.55	116.54	11.290	5.703	0.003
SOT1(N-4.09 232	CIM4 Min	-9.80	-23.40	-33.85	-13.609	-4.717	-0.002
SOT1(N-4.09 232	CIM5 Max	9.32	21.93	132.84	6.938	4.509	0.005
SOT1(N-4.09 232	CIM5 Min	-7.04	-16.66	-32.37	-10.154	-3.127	-0.003
SOT1(N-4.09 232	CIM6 Max	9.18	21.80	106.88	7.758	4.611	0.003
SOT1(N-4.09 232	CIM6 Min	-6.90	-16.53	-6.42	-10.974	-3.229	-0.001
SOT1(N-4.09 232	CIM7 Max	11.40	26.89	134.68	10.659	5.369	0.006
SOT1(N-4.09 232	CIM7 Min	-10.34	-24.40	-85.06	-12.050	-4.777	-0.005
SOT1(N-4.09 232	CIM8 Max	11.22	26.72	100.00	11.754	5.506	0.003
SOT1(N-4.09 232	CIM8 Min	-10.15	-24.23	-50.38	-13.145	-4.914	-0.003
SOT1(N-4.09 232	ENVCIM Max	11.76	27.72	151.22	11.754	5.703	0.006
SOT1(N-4.09 232	ENVCIM Min	-10.34	-24.40	-85.06	-13.609	-4.914	-0.005
SOT1(N-4.09 259	CIM1	-3.75	0.00	22.37	0.004	-0.391	0.008



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
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Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 390 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 259	CIM2	-4.77	-0.01	27.32	0.006	-0.507	0.010
SOT1(N-4.09 259	CIM3 Max	5.55	0.03	57.88	0.086	3.027	0.014
SOT1(N-4.09 259	CIM3 Min	-13.04	-0.04	-13.14	-0.078	-3.808	0.002
SOT1(N-4.09 259	CIM4 Max	1.53	0.04	46.84	0.118	1.406	0.014
SOT1(N-4.09 259	CIM4 Min	-9.02	-0.05	-2.10	-0.110	-2.187	0.001
SOT1(N-4.09 259	CIM5 Max	2.47	0.02	52.78	0.067	2.090	0.013
SOT1(N-4.09 259	CIM5 Min	-11.50	-0.03	-0.62	-0.056	-3.047	0.005
SOT1(N-4.09 259	CIM6 Max	-0.54	0.03	44.51	0.091	0.877	0.014
SOT1(N-4.09 259	CIM6 Min	-8.49	-0.04	7.65	-0.080	-1.833	0.004
SOT1(N-4.09 259	CIM7 Max	7.05	0.03	48.93	0.084	3.183	0.010
SOT1(N-4.09 259	CIM7 Min	-11.54	-0.04	-22.09	-0.079	-3.652	-0.001
SOT1(N-4.09 259	CIM8 Max	3.02	0.04	37.89	0.116	1.562	0.011
SOT1(N-4.09 259	CIM8 Min	-7.52	-0.05	-11.05	-0.111	-2.031	-0.002
SOT1(N-4.09 259	ENVCIM Max	7.05	0.04	57.88	0.118	3.183	0.014
SOT1(N-4.09 259	ENVCIM Min	-13.04	-0.05	-22.09	-0.111	-3.808	-0.002
SOT1(N-4.09 230	CIM1	-2.47	0.00	7.73	0.005	-0.003	0.002
SOT1(N-4.09 230	CIM2	-3.01	-0.01	9.31	0.006	0.012	0.002
SOT1(N-4.09 230	CIM3 Max	6.12	0.06	36.63	0.014	0.760	0.007
SOT1(N-4.09 230	CIM3 Min	-11.07	-0.07	-21.18	-0.004	-0.766	-0.003
SOT1(N-4.09 230	CIM4 Max	4.44	0.08	27.99	0.022	0.498	0.006
SOT1(N-4.09 230	CIM4 Min	-9.38	-0.09	-12.54	-0.012	-0.504	-0.003
SOT1(N-4.09 230	CIM5 Max	3.59	0.04	30.65	0.013	0.582	0.006
SOT1(N-4.09 230	CIM5 Min	-9.34	-0.05	-12.82	-0.001	-0.565	-0.002
SOT1(N-4.09 230	CIM6 Max	2.33	0.06	24.18	0.019	0.386	0.005
SOT1(N-4.09 230	CIM6 Min	-8.08	-0.07	-6.36	-0.007	-0.369	-0.001
SOT1(N-4.09 230	CIM7 Max	7.11	0.06	33.54	0.012	0.761	0.006
SOT1(N-4.09 230	CIM7 Min	-10.08	-0.06	-24.27	-0.006	-0.765	-0.004
SOT1(N-4.09 230	CIM8 Max	5.43	0.08	24.90	0.020	0.499	0.005
SOT1(N-4.09 230	CIM8 Min	-8.39	-0.09	-15.63	-0.014	-0.503	-0.003
SOT1(N-4.09 230	ENVCIM Max	7.11	0.08	36.63	0.022	0.761	0.007
SOT1(N-4.09 230	ENVCIM Min	-11.07	-0.09	-24.27	-0.014	-0.766	-0.004
SOT1(N-4.09 233	CIM1	2.74	-0.02	8.13	0.008	-0.005	-0.003
SOT1(N-4.09 233	CIM2	3.46	-0.02	10.24	0.010	-0.019	-0.004
SOT1(N-4.09 233	CIM3 Max	11.06	0.05	36.39	0.027	0.708	0.002
SOT1(N-4.09 233	CIM3 Min	-5.58	-0.08	-20.13	-0.011	-0.717	-0.007
SOT1(N-4.09 233	CIM4 Max	9.20	0.07	27.52	0.034	0.403	0.001
SOT1(N-4.09 233	CIM4 Min	-3.72	-0.10	-11.27	-0.019	-0.412	-0.006
SOT1(N-4.09 233	CIM5 Max	9.54	0.03	30.96	0.024	0.520	0.000
SOT1(N-4.09 233	CIM5 Min	-2.98	-0.07	-11.53	-0.005	-0.551	-0.007
SOT1(N-4.09 233	CIM6 Max	8.14	0.04	24.32	0.029	0.292	-0.001
SOT1(N-4.09 233	CIM6 Min	-1.59	-0.08	-4.90	-0.010	-0.322	-0.006
SOT1(N-4.09 233	CIM7 Max	9.97	0.06	33.14	0.024	0.710	0.003
SOT1(N-4.09 233	CIM7 Min	-6.68	-0.07	-23.39	-0.014	-0.715	-0.006
SOT1(N-4.09 233	CIM8 Max	8.11	0.08	24.27	0.031	0.404	0.002
SOT1(N-4.09 233	CIM8 Min	-4.82	-0.09	-14.52	-0.022	-0.410	-0.005
SOT1(N-4.09 233	ENVCIM Max	11.06	0.08	36.39	0.034	0.710	0.003
SOT1(N-4.09 233	ENVCIM Min	-6.68	-0.10	-23.39	-0.022	-0.717	-0.007
SOT1(N-4.09 193	CIM1	0.94	0.09	133.32	-0.018	0.509	-0.006
SOT1(N-4.09 193	CIM2	0.63	-0.05	169.43	0.177	0.214	-0.009
SOT1(N-4.09 193	CIM3 Max	6.71	1.43	243.46	1.206	21.935	0.186
SOT1(N-4.09 193	CIM3 Min	-4.83	-1.24	23.19	-1.243	-20.918	-0.198
SOT1(N-4.09 193	CIM4 Max	4.47	1.88	179.53	1.040	10.781	0.147
SOT1(N-4.09 193	CIM4 Min	-2.59	-1.70	87.12	-1.077	-9.764	-0.160
SOT1(N-4.09 193	CIM5 Max	5.04	0.99	243.15	1.050	16.388	0.136
SOT1(N-4.09 193	CIM5 Min	-3.63	-1.02	77.66	-0.793	-15.812	-0.153
SOT1(N-4.09 193	CIM6 Max	3.37	1.32	195.30	0.925	8.040	0.107
SOT1(N-4.09 193	CIM6 Min	-1.96	-1.36	125.51	-0.669	-7.464	-0.124
SOT1(N-4.09 193	CIM7 Max	6.33	1.39	190.13	1.214	21.732	0.188
SOT1(N-4.09 193	CIM7 Min	-5.20	-1.28	-30.14	-1.236	-21.121	-0.196
SOT1(N-4.09 193	CIM8 Max	4.10	1.84	126.20	1.048	10.578	0.150
SOT1(N-4.09 193	CIM8 Min	-2.97	-1.73	33.79	-1.070	-9.967	-0.157
SOT1(N-4.09 193	ENVCIM Max	6.71	1.88	243.46	1.214	21.935	0.188
SOT1(N-4.09 193	ENVCIM Min	-5.20	-1.73	-30.14	-1.243	-21.121	-0.198
SOT1(N-4.09 207	CIM1	-1.22	-0.29	129.43	0.470	-1.664	-0.006
SOT1(N-4.09 207	CIM2	-0.93	-0.56	166.92	0.830	-1.351	-0.009



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 391 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 207	CIM3 Max	4.31	0.67	239.06	2.061	19.587	0.186
SOT1(N-4.09 207	CIM3 Min	-6.74	-1.26	19.79	-1.121	-22.915	-0.198
SOT1(N-4.09 207	CIM4 Max	1.79	1.01	179.55	2.026	8.295	0.147
SOT1(N-4.09 207	CIM4 Min	-4.22	-1.59	79.31	-1.086	-11.622	-0.160
SOT1(N-4.09 207	CIM5 Max	3.15	0.23	239.92	1.937	14.539	0.136
SOT1(N-4.09 207	CIM5 Min	-5.15	-1.22	75.17	-0.457	-17.397	-0.153
SOT1(N-4.09 207	CIM6 Max	1.27	0.48	195.38	1.911	6.087	0.107
SOT1(N-4.09 207	CIM6 Min	-3.26	-1.47	119.71	-0.431	-8.946	-0.124
SOT1(N-4.09 207	CIM7 Max	4.79	0.79	187.29	1.873	20.253	0.188
SOT1(N-4.09 207	CIM7 Min	-6.25	-1.14	-31.98	-1.309	-22.249	-0.196
SOT1(N-4.09 207	CIM8 Max	2.27	1.12	127.77	1.838	8.961	0.150
SOT1(N-4.09 207	CIM8 Min	-3.73	-1.48	27.54	-1.274	-10.957	-0.157
SOT1(N-4.09 207	ENVCIM Max	4.79	1.12	239.92	2.061	20.253	0.188
SOT1(N-4.09 207	ENVCIM Min	-6.74	-1.59	-31.98	-1.309	-22.915	-0.198
SOT1(N-4.09 337	CIM1	3.86	-0.21	99.77	1.224	0.801	0.014
SOT1(N-4.09 337	CIM2	4.80	-0.29	127.04	1.892	1.069	0.023
SOT1(N-4.09 337	CIM3 Max	18.65	0.29	120.62	2.632	6.309	0.015
SOT1(N-4.09 337	CIM3 Min	-10.92	-0.71	78.91	-0.184	-4.706	0.014
SOT1(N-4.09 337	CIM4 Max	12.82	0.44	111.65	3.099	4.177	0.015
SOT1(N-4.09 337	CIM4 Min	-5.09	-0.86	87.88	-0.651	-2.575	0.014
SOT1(N-4.09 337	CIM5 Max	15.68	0.11	135.90	2.785	5.142	0.022
SOT1(N-4.09 337	CIM5 Min	-6.55	-0.65	104.55	0.665	-3.138	0.020
SOT1(N-4.09 337	CIM6 Max	11.32	0.22	129.19	3.136	3.547	0.022
SOT1(N-4.09 337	CIM6 Min	-2.18	-0.76	111.26	0.315	-1.542	0.020
SOT1(N-4.09 337	CIM7 Max	17.10	0.37	80.71	2.142	5.988	0.010
SOT1(N-4.09 337	CIM7 Min	-12.47	-0.63	39.01	-0.673	-5.027	0.008
SOT1(N-4.09 337	CIM8 Max	11.28	0.52	71.75	2.610	3.857	0.009
SOT1(N-4.09 337	CIM8 Min	-6.64	-0.78	47.97	-1.141	-2.895	0.008
SOT1(N-4.09 337	ENVCIM Max	18.65	0.52	135.90	3.136	6.309	0.023
SOT1(N-4.09 337	ENVCIM Min	-12.47	-0.86	39.01	-1.141	-5.027	0.008
SOT1(N-4.09 331	CIM1	0.97	-0.30	93.97	1.363	-0.039	-0.008
SOT1(N-4.09 331	CIM2	0.80	-0.50	120.09	2.203	-0.092	-0.013
SOT1(N-4.09 331	CIM3 Max	15.58	-0.16	113.54	1.948	5.487	-0.005
SOT1(N-4.09 331	CIM3 Min	-13.65	-0.45	74.40	0.777	-5.564	-0.012
SOT1(N-4.09 331	CIM4 Max	9.70	-0.03	104.99	2.448	3.299	-0.002
SOT1(N-4.09 331	CIM4 Min	-7.77	-0.57	82.94	0.277	-3.376	-0.014
SOT1(N-4.09 331	CIM5 Max	11.82	-0.34	128.26	2.434	4.075	-0.009
SOT1(N-4.09 331	CIM5 Min	-10.15	-0.56	98.85	1.552	-4.232	-0.014
SOT1(N-4.09 331	CIM6 Max	7.42	-0.25	121.87	2.809	2.437	-0.007
SOT1(N-4.09 331	CIM6 Min	-5.75	-0.65	105.24	1.178	-2.594	-0.016
SOT1(N-4.09 331	CIM7 Max	15.19	-0.04	75.95	1.403	5.503	-0.002
SOT1(N-4.09 331	CIM7 Min	-14.04	-0.33	36.81	0.232	-5.549	-0.008
SOT1(N-4.09 331	CIM8 Max	9.31	0.09	67.40	1.903	3.314	0.001
SOT1(N-4.09 331	CIM8 Min	-8.15	-0.45	45.36	-0.268	-3.360	-0.011
SOT1(N-4.09 331	ENVCIM Max	15.58	0.09	128.26	2.809	5.503	0.001
SOT1(N-4.09 331	ENVCIM Min	-14.04	-0.65	36.81	-0.268	-5.564	-0.016
SOT1(N-4.09 329	CIM1	15.89	-0.81	42.85	0.565	0.221	-0.218
SOT1(N-4.09 329	CIM2	20.48	-1.31	55.12	0.912	0.261	-0.352
SOT1(N-4.09 329	CIM3 Max	37.26	-0.66	113.05	0.853	2.280	-0.121
SOT1(N-4.09 329	CIM3 Min	-5.48	-0.95	-27.35	0.277	-1.839	-0.314
SOT1(N-4.09 329	CIM4 Max	28.38	-0.68	83.79	1.055	1.473	-0.054
SOT1(N-4.09 329	CIM4 Min	3.41	-0.94	1.92	0.074	-1.032	-0.381
SOT1(N-4.09 329	CIM5 Max	35.40	-1.07	104.82	1.042	1.799	-0.245
SOT1(N-4.09 329	CIM5 Min	3.27	-1.29	-0.71	0.608	-1.297	-0.391
SOT1(N-4.09 329	CIM6 Max	28.75	-1.08	82.92	1.194	1.195	-0.195
SOT1(N-4.09 329	CIM6 Min	9.92	-1.28	21.19	0.456	-0.693	-0.441
SOT1(N-4.09 329	CIM7 Max	30.90	-0.34	95.91	0.627	2.192	-0.034
SOT1(N-4.09 329	CIM7 Min	-11.83	-0.63	-44.49	0.051	-1.927	-0.227
SOT1(N-4.09 329	CIM8 Max	22.02	-0.35	66.65	0.829	1.385	0.033
SOT1(N-4.09 329	CIM8 Min	-2.95	-0.62	-15.23	-0.152	-1.120	-0.294
SOT1(N-4.09 329	ENVCIM Max	37.26	-0.34	113.05	1.194	2.280	0.033
SOT1(N-4.09 329	ENVCIM Min	-11.83	-1.31	-44.49	-0.152	-1.927	-0.441
SOT1(N-4.09 332	CIM1	-17.09	-0.58	60.44	0.642	-0.381	0.156
SOT1(N-4.09 332	CIM2	-21.96	-0.95	76.76	1.043	-0.511	0.255
SOT1(N-4.09 332	CIM3 Max	-1.42	-0.37	126.18	0.913	2.914	0.215






Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 392 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 332	CIM3 Min	-32.76	-0.78	-5.30	0.370	-3.676	0.098
SOT1(N-4.09 332	CIM4 Max	-7.68	-0.37	99.30	1.195	1.609	0.279
SOT1(N-4.09 332	CIM4 Min	-26.50	-0.78	21.58	0.088	-2.371	0.034
SOT1(N-4.09 332	CIM5 Max	-8.96	-0.70	122.10	1.147	1.998	0.275
SOT1(N-4.09 332	CIM5 Min	-32.52	-1.01	23.27	0.738	-2.956	0.187
SOT1(N-4.09 332	CIM6 Max	-13.65	-0.70	101.97	1.358	1.021	0.323
SOT1(N-4.09 332	CIM6 Min	-27.83	-1.01	43.39	0.527	-1.979	0.138
SOT1(N-4.09 332	CIM7 Max	5.41	-0.14	102.01	0.656	3.066	0.152
SOT1(N-4.09 332	CIM7 Min	-25.92	-0.55	-29.48	0.113	-3.524	0.035
SOT1(N-4.09 332	CIM8 Max	-0.84	-0.14	75.12	0.938	1.761	0.217
SOT1(N-4.09 332	CIM8 Min	-19.67	-0.55	-2.59	-0.168	-2.218	-0.029
SOT1(N-4.09 332	ENVCIM Max	5.41	-0.14	126.18	1.358	3.066	0.323
SOT1(N-4.09 332	ENVCIM Min	-32.76	-1.01	-29.48	-0.168	-3.676	-0.029
SOT1(N-4.09 339	CIM1	-16.95	-1.10	47.06	0.612	0.134	0.277
SOT1(N-4.09 339	CIM2	-21.53	-1.70	59.40	0.927	0.187	0.417
SOT1(N-4.09 339	CIM3 Max	4.65	-0.91	117.77	1.223	2.187	0.470
SOT1(N-4.09 339	CIM3 Min	-38.54	-1.28	-23.65	0.000	-1.918	0.084
SOT1(N-4.09 339	CIM4 Max	-4.25	-0.93	88.42	1.398	1.406	0.519
SOT1(N-4.09 339	CIM4 Min	-29.65	-1.26	5.70	-0.175	-1.137	0.035
SOT1(N-4.09 339	CIM5 Max	-4.15	-1.41	109.46	1.309	1.717	0.527
SOT1(N-4.09 339	CIM5 Min	-36.62	-1.69	3.17	0.388	-1.369	0.237
SOT1(N-4.09 339	CIM6 Max	-10.81	-1.42	87.49	1.440	1.133	0.564
SOT1(N-4.09 339	CIM6 Min	-29.96	-1.67	25.13	0.257	-0.784	0.200
SOT1(N-4.09 339	CIM7 Max	11.43	-0.47	98.94	0.979	2.133	0.359
SOT1(N-4.09 339	CIM7 Min	-31.77	-0.85	-42.47	-0.245	-1.972	-0.027
SOT1(N-4.09 339	CIM8 Max	2.53	-0.50	69.60	1.153	1.352	0.408
SOT1(N-4.09 339	CIM8 Min	-22.87	-0.82	-13.12	-0.419	-1.191	-0.076
SOT1(N-4.09 339	ENVCIM Max	11.43	-0.47	117.77	1.440	2.187	0.564
SOT1(N-4.09 339	ENVCIM Min	-38.54	-1.70	-42.47	-0.419	-1.972	-0.076
SOT1(N-4.09 229	CIM1	-4.55	-6.78	64.90	1.229	-0.153	-0.011
SOT1(N-4.09 229	CIM2	-5.58	-7.64	78.65	1.328	-0.122	-0.013
SOT1(N-4.09 229	CIM3 Max	8.02	11.49	135.85	7.618	4.867	0.195
SOT1(N-4.09 229	CIM3 Min	-17.12	-25.06	-6.04	-5.160	-5.173	-0.217
SOT1(N-4.09 229	CIM4 Max	16.04	22.50	155.09	11.455	3.804	0.298
SOT1(N-4.09 229	CIM4 Min	-25.14	-36.07	-25.29	-8.997	-4.109	-0.320
SOT1(N-4.09 229	CIM5 Max	4.15	6.35	128.64	6.118	3.646	0.143
SOT1(N-4.09 229	CIM5 Min	-14.80	-21.20	21.79	-3.512	-3.905	-0.168
SOT1(N-4.09 229	CIM6 Max	10.15	14.59	143.04	8.990	2.849	0.220
SOT1(N-4.09 229	CIM6 Min	-20.80	-29.44	7.39	-6.384	-3.109	-0.245
SOT1(N-4.09 229	CIM7 Max	9.84	14.21	109.89	7.126	4.929	0.199
SOT1(N-4.09 229	CIM7 Min	-15.30	-22.35	-32.00	-5.652	-5.112	-0.213
SOT1(N-4.09 229	CIM8 Max	17.86	25.21	129.13	10.963	3.865	0.302
SOT1(N-4.09 229	CIM8 Min	-23.32	-33.35	-51.25	-9.489	-4.048	-0.316
SOT1(N-4.09 229	ENVCIM Max	17.86	25.21	155.09	11.455	4.929	0.302
SOT1(N-4.09 229	ENVCIM Min	-25.14	-36.07	-51.25	-9.489	-5.173	-0.320
SOT1(N-4.09 235	CIM1	6.87	-9.63	80.42	1.103	0.185	0.025
SOT1(N-4.09 235	CIM2	8.31	-11.15	98.51	1.170	0.192	0.030
SOT1(N-4.09 235	CIM3 Max	21.72	16.40	149.34	10.223	4.798	0.355
SOT1(N-4.09 235	CIM3 Min	-7.99	-35.66	11.50	-8.018	-4.428	-0.304
SOT1(N-4.09 235	CIM4 Max	27.54	27.18	165.39	14.079	3.759	0.465
SOT1(N-4.09 235	CIM4 Min	-13.80	-46.43	-4.55	-11.874	-3.389	-0.414
SOT1(N-4.09 235	CIM5 Max	19.14	8.84	145.88	8.023	3.660	0.277
SOT1(N-4.09 235	CIM5 Min	-3.24	-30.38	42.10	-5.717	-3.279	-0.219
SOT1(N-4.09 235	CIM6 Max	23.49	16.90	157.89	10.910	2.882	0.360
SOT1(N-4.09 235	CIM6 Min	-7.59	-38.44	30.08	-8.604	-2.501	-0.302
SOT1(N-4.09 235	CIM7 Max	18.97	20.25	117.17	9.782	4.724	0.345
SOT1(N-4.09 235	CIM7 Min	-10.73	-31.81	-20.67	-8.459	-4.502	-0.314
SOT1(N-4.09 235	CIM8 Max	24.79	31.03	133.22	13.638	3.685	0.455
SOT1(N-4.09 235	CIM8 Min	-16.55	-42.58	-36.72	-12.315	-3.463	-0.424
SOT1(N-4.09 235	ENVCIM Max	27.54	31.03	165.39	14.079	4.798	0.465
SOT1(N-4.09 235	ENVCIM Min	-16.55	-46.43	-36.72	-12.315	-4.502	-0.424
SOT1(N-4.09 375	CIM1	0.56	-0.41	35.10	0.655	0.708	0.003
SOT1(N-4.09 375	CIM2	1.07	-0.45	46.28	0.723	1.431	0.004
SOT1(N-4.09 375	CIM3 Max	2.82	0.56	36.70	2.451	6.708	0.082
SOT1(N-4.09 375	CIM3 Min	-1.70	-1.38	33.49	-1.142	-5.291	-0.075



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	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 393 DE 398</b>
	Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

SOT1(N-4.09 375	CIM4 Max	2.05	0.97	36.78	3.740	4.555	0.068
SOT1(N-4.09 375	CIM4 Min	-0.92	-1.79	33.42	-2.431	-3.139	-0.062
SOT1(N-4.09 375	CIM5 Max	2.64	0.29	44.69	2.060	5.760	0.063
SOT1(N-4.09 375	CIM5 Min	-0.76	-1.17	42.27	-0.648	-3.260	-0.056
SOT1(N-4.09 375	CIM6 Max	2.06	0.60	44.75	3.025	4.149	0.052
SOT1(N-4.09 375	CIM6 Min	-0.18	-1.47	42.22	-1.613	-1.649	-0.045
SOT1(N-4.09 375	CIM7 Max	2.60	0.72	22.67	2.189	6.425	0.080
SOT1(N-4.09 375	CIM7 Min	-1.92	-1.21	19.45	-1.403	-5.575	-0.077
SOT1(N-4.09 375	CIM8 Max	1.82	1.13	22.74	3.478	4.272	0.067
SOT1(N-4.09 375	CIM8 Min	-1.15	-1.62	19.38	-2.692	-3.422	-0.063
SOT1(N-4.09 375	ENVCIM Max	2.82	1.13	46.28	3.740	6.708	0.082
SOT1(N-4.09 375	ENVCIM Min	-1.92	-1.79	19.38	-2.692	-5.575	-0.077
SOT1(N-4.09 355	CIM1	1.32	0.17	47.19	-0.197	1.811	0.003
SOT1(N-4.09 355	CIM2	2.08	-0.44	69.09	0.694	2.899	0.004
SOT1(N-4.09 355	CIM3 Max	3.44	0.73	47.82	1.190	7.453	0.082
SOT1(N-4.09 355	CIM3 Min	-0.80	-0.39	46.57	-1.584	-3.830	-0.075
SOT1(N-4.09 355	CIM4 Max	2.66	1.34	48.52	2.681	5.314	0.068
SOT1(N-4.09 355	CIM4 Min	-0.02	-1.00	45.86	-3.076	-1.691	-0.062
SOT1(N-4.09 355	CIM5 Max	3.48	0.14	64.08	1.518	6.868	0.063
SOT1(N-4.09 355	CIM5 Min	0.29	-0.71	63.14	-0.575	-1.613	-0.056
SOT1(N-4.09 355	CIM6 Max	2.90	0.60	64.61	2.634	5.267	0.052
SOT1(N-4.09 355	CIM6 Min	0.88	-1.16	62.61	-1.692	-0.012	-0.045
SOT1(N-4.09 355	CIM7 Max	2.91	0.66	28.94	1.268	6.728	0.080
SOT1(N-4.09 355	CIM7 Min	-1.33	-0.46	27.69	-1.505	-4.555	-0.077
SOT1(N-4.09 355	CIM8 Max	2.13	1.28	29.65	2.760	4.589	0.067
SOT1(N-4.09 355	CIM8 Min	-0.55	-1.07	26.98	-2.997	-2.415	-0.063
SOT1(N-4.09 355	ENVCIM Max	3.48	1.34	69.09	2.760	7.453	0.082
SOT1(N-4.09 355	ENVCIM Min	-1.33	-1.16	26.98	-3.076	-4.555	-0.077
SOT1(N-4.09 334	CIM1	-0.04	1.17	15.93	-1.634	-0.145	0.003
SOT1(N-4.09 334	CIM2	-0.01	2.00	21.55	-2.824	-0.106	0.004
SOT1(N-4.09 334	CIM3 Max	2.47	1.59	16.53	-0.436	5.931	0.082
SOT1(N-4.09 334	CIM3 Min	-2.55	0.74	15.33	-2.832	-6.221	-0.075
SOT1(N-4.09 334	CIM4 Max	1.41	2.03	17.16	0.798	3.382	0.068
SOT1(N-4.09 334	CIM4 Min	-1.49	0.30	14.69	-4.065	-3.672	-0.062
SOT1(N-4.09 334	CIM5 Max	1.87	2.11	20.60	-1.623	4.451	0.063
SOT1(N-4.09 334	CIM5 Min	-1.90	1.47	19.69	-3.430	-4.683	-0.056
SOT1(N-4.09 334	CIM6 Max	1.07	2.44	21.07	-0.699	2.543	0.052
SOT1(N-4.09 334	CIM6 Min	-1.11	1.14	19.22	-4.354	-2.775	-0.045
SOT1(N-4.09 334	CIM7 Max	2.48	1.13	10.15	0.218	5.989	0.080
SOT1(N-4.09 334	CIM7 Min	-2.53	0.27	8.96	-2.178	-6.163	-0.077
SOT1(N-4.09 334	CIM8 Max	1.42	1.56	10.79	1.451	3.440	0.067
SOT1(N-4.09 334	CIM8 Min	-1.47	-0.16	8.32	-3.412	-3.614	-0.063
SOT1(N-4.09 334	ENVCIM Max	2.48	2.44	21.55	1.451	5.989	0.082
SOT1(N-4.09 334	ENVCIM Min	-2.55	-0.16	8.32	-4.354	-6.221	-0.077
SOT1(N-4.09 382	CIM1	-8.22	-8.17	35.96	2.485	-1.188	-0.006
SOT1(N-4.09 382	CIM2	-9.52	-9.73	41.03	2.766	-0.832	0.005
SOT1(N-4.09 382	CIM3 Max	56.43	46.74	44.45	23.274	24.796	0.255
SOT1(N-4.09 382	CIM3 Min	-72.87	-63.08	27.47	-18.304	-27.171	-0.267
SOT1(N-4.09 382	CIM4 Max	43.32	36.02	50.03	18.700	18.135	0.231
SOT1(N-4.09 382	CIM4 Min	-59.76	-52.36	21.88	-13.730	-20.510	-0.243
SOT1(N-4.09 382	CIM5 Max	39.43	31.96	46.16	18.330	18.618	0.198
SOT1(N-4.09 382	CIM5 Min	-57.82	-50.63	33.37	-12.938	-20.460	-0.194
SOT1(N-4.09 382	CIM6 Max	29.61	23.93	50.35	14.907	13.632	0.180
SOT1(N-4.09 382	CIM6 Min	-48.00	-42.61	29.18	-9.515	-15.474	-0.176
SOT1(N-4.09 382	CIM7 Max	59.72	50.00	30.06	22.280	25.271	0.257
SOT1(N-4.09 382	CIM7 Min	-69.59	-59.81	13.09	-19.298	-26.696	-0.265
SOT1(N-4.09 382	CIM8 Max	46.61	39.29	35.65	17.706	18.610	0.233
SOT1(N-4.09 382	CIM8 Min	-56.47	-49.09	7.50	-14.724	-20.035	-0.241
SOT1(N-4.09 382	ENVCIM Max	59.72	50.00	50.35	23.274	25.271	0.257
SOT1(N-4.09 382	ENVCIM Min	-72.87	-63.08	7.50	-19.298	-27.171	-0.267
BASE 3	CIM1	9.53	18.95	157.60	-3.351	2.737	-0.027
BASE 3	CIM2	12.10	25.94	195.04	-4.526	3.558	-0.039
BASE 3	CIM3 Max	53.36	30.29	167.42	0.094	18.343	-0.014
BASE 3	CIM3 Min	-34.29	7.62	147.78	-6.797	-12.869	-0.040
BASE 3	CIM4 Max	32.48	23.46	170.99	-1.846	10.222	-0.019



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 394 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

BASE	3	CIM4 Min	-13.41	14.44	144.20	-4.857	-4.748	-0.035
BASE	3	CIM5 Max	44.39	32.71	193.08	-1.643	15.080	-0.026
BASE	3	CIM5 Min	-21.48	15.68	178.29	-6.821	-8.374	-0.046
BASE	3	CIM6 Max	28.77	27.60	195.75	-3.096	9.001	-0.030
BASE	3	CIM6 Min	-5.85	20.79	175.61	-5.369	-2.296	-0.042
BASE	3	CIM7 Max	49.54	22.70	104.38	1.435	17.248	-0.003
BASE	3	CIM7 Min	-38.10	0.04	84.74	-5.457	-13.964	-0.030
BASE	3	CIM8 Max	28.67	15.88	107.95	-0.506	9.127	-0.008
BASE	3	CIM8 Min	-17.23	6.86	81.16	-3.516	-5.843	-0.024
BASE	3	ENVCIM Max	53.36	32.71	195.75	1.435	18.343	-0.003
BASE	3	ENVCIM Min	-38.10	0.04	81.16	-6.821	-13.964	-0.046
BASE	34	CIM1	0.54	-0.99	141.35	3.107	-3.265	0.010
BASE	34	CIM2	0.81	-0.58	187.22	4.569	-4.368	0.013
BASE	34	CIM3 Max	4.79	8.44	148.21	5.988	0.479	0.063
BASE	34	CIM3 Min	-3.71	-10.41	134.49	0.226	-7.009	-0.043
BASE	34	CIM4 Max	3.06	2.93	146.30	4.334	-1.264	0.041
BASE	34	CIM4 Min	-1.98	-4.91	136.40	1.879	-5.266	-0.022
BASE	34	CIM5 Max	3.94	6.40	180.91	6.368	-1.279	0.052
BASE	34	CIM5 Min	-2.45	-7.76	170.60	2.039	-6.906	-0.028
BASE	34	CIM6 Max	2.64	2.28	179.48	5.131	-2.583	0.036
BASE	34	CIM6 Min	-1.16	-3.64	172.03	3.277	-5.602	-0.012
BASE	34	CIM7 Max	4.58	8.83	91.67	4.745	1.785	0.059
BASE	34	CIM7 Min	-3.93	-10.02	77.95	-1.017	-5.703	-0.047
BASE	34	CIM8 Max	2.84	3.33	89.76	3.092	0.042	0.037
BASE	34	CIM8 Min	-2.20	-4.51	79.86	0.636	-3.960	-0.026
BASE	34	ENVCIM Max	4.79	8.83	187.22	6.368	1.785	0.063
BASE	34	ENVCIM Min	-3.93	-10.41	77.95	-1.017	-7.009	-0.047
BASE	40	CIM1	-1.05	13.79	176.37	-1.890	-1.300	-0.003
BASE	40	CIM2	-1.39	17.98	216.84	-2.152	-1.711	-0.004
BASE	40	CIM3 Max	-0.36	37.91	230.06	3.732	0.414	0.019
BASE	40	CIM3 Min	-1.74	-10.33	122.67	-7.513	-3.015	-0.026
BASE	40	CIM4 Max	-0.67	32.33	205.03	3.272	-0.399	0.009
BASE	40	CIM4 Min	-1.43	-4.76	147.70	-7.053	-2.202	-0.016
BASE	40	CIM5 Max	-0.79	35.07	247.07	2.143	-0.320	0.013
BASE	40	CIM5 Min	-1.82	-1.20	166.36	-6.316	-2.896	-0.021
BASE	40	CIM6 Max	-1.02	30.90	228.34	1.799	-0.928	0.006
BASE	40	CIM6 Min	-1.60	2.97	185.10	-5.972	-2.288	-0.014
BASE	40	CIM7 Max	0.06	32.39	159.52	4.488	0.934	0.021
BASE	40	CIM7 Min	-1.32	-15.84	52.12	-6.757	-2.495	-0.025
BASE	40	CIM8 Max	-0.25	26.82	134.49	4.028	0.122	0.011
BASE	40	CIM8 Min	-1.01	-10.27	77.16	-6.296	-1.682	-0.015
BASE	40	ENVCIM Max	0.06	37.91	247.07	4.488	0.934	0.021
BASE	40	ENVCIM Min	-1.82	-15.84	52.12	-7.513	-3.015	-0.026
BASE	5	CIM1	-6.48	2.51	153.27	-2.938	-1.676	0.000
BASE	5	CIM2	-8.08	3.75	184.63	-4.363	-1.941	0.001
BASE	5	CIM3 Max	43.08	2.75	170.78	-2.616	9.059	0.027
BASE	5	CIM3 Min	-56.03	2.28	135.76	-3.260	-12.411	-0.026
BASE	5	CIM4 Max	25.78	2.77	170.52	-2.680	6.056	0.022
BASE	5	CIM4 Min	-38.73	2.26	136.02	-3.196	-9.408	-0.021
BASE	5	CIM5 Max	29.58	3.61	189.97	-3.765	6.197	0.021
BASE	5	CIM5 Min	-44.93	3.27	163.61	-4.249	-9.947	-0.019
BASE	5	CIM6 Max	16.63	3.63	189.77	-3.812	3.949	0.017
BASE	5	CIM6 Min	-31.98	3.25	163.81	-4.202	-7.699	-0.015
BASE	5	CIM7 Max	45.67	1.74	109.48	-1.441	9.730	0.027
BASE	5	CIM7 Min	-53.44	1.28	74.45	-2.085	-11.741	-0.026
BASE	5	CIM8 Max	28.37	1.76	109.21	-1.504	6.726	0.021
BASE	5	CIM8 Min	-36.14	1.25	74.72	-2.021	-8.737	-0.021
BASE	5	ENVCIM Max	45.67	3.75	189.97	-1.441	9.730	0.027
BASE	5	ENVCIM Min	-56.03	1.25	74.45	-4.363	-12.411	-0.026
BASE	4	CIM1	1.39	0.61	176.19	-0.811	-2.433	-0.017
BASE	4	CIM2	2.23	0.91	213.08	-1.181	-3.090	-0.022
BASE	4	CIM3 Max	90.67	1.07	179.49	-0.081	14.059	0.013
BASE	4	CIM3 Min	-87.89	0.16	172.90	-1.541	-18.925	-0.048
BASE	4	CIM4 Max	48.30	1.16	182.13	-0.323	7.475	0.004
BASE	4	CIM4 Min	-45.51	0.07	170.25	-1.300	-12.341	-0.039



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 395 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

BASE	4	CIM5 Max	69.12	1.18	206.34	-0.540	9.470	0.003
BASE	4	CIM5 Min	-65.07	0.49	201.38	-1.637	-15.322	-0.044
BASE	4	CIM6 Max	37.40	1.24	208.33	-0.721	4.543	-0.004
BASE	4	CIM6 Min	-33.36	0.42	199.40	-1.457	-10.395	-0.037
BASE	4	CIM7 Max	90.12	0.82	109.01	0.243	15.032	0.020
BASE	4	CIM7 Min	-88.44	-0.09	102.42	-1.216	-17.951	-0.041
BASE	4	CIM8 Max	47.74	0.91	111.66	0.002	8.449	0.011
BASE	4	CIM8 Min	-46.07	-0.18	99.78	-0.975	-11.368	-0.032
BASE	4	ENVCIM Max	90.67	1.24	213.08	0.243	15.032	0.020
BASE	4	ENVCIM Min	-88.44	-0.18	99.78	-1.637	-18.925	-0.048
BASE	38	CIM1	-2.91	-1.33	208.35	1.544	-3.194	0.000
BASE	38	CIM2	-4.08	-1.99	282.12	2.318	-4.449	0.000
BASE	38	CIM3 Max	-2.14	-1.27	230.54	1.650	-1.292	0.017
BASE	38	CIM3 Min	-3.68	-1.38	186.16	1.438	-5.097	-0.016
BASE	38	CIM4 Max	-2.48	-1.27	217.98	1.669	-2.202	0.013
BASE	38	CIM4 Min	-3.34	-1.38	198.71	1.419	-4.187	-0.013
BASE	38	CIM5 Max	-3.21	-1.78	280.36	2.204	-2.706	0.013
BASE	38	CIM5 Min	-4.37	-1.87	247.01	2.044	-5.565	-0.012
BASE	38	CIM6 Max	-3.47	-1.78	270.96	2.218	-3.387	0.010
BASE	38	CIM6 Min	-4.11	-1.87	256.41	2.030	-4.884	-0.009
BASE	38	CIM7 Max	-0.98	-0.74	147.20	1.033	-0.014	0.016
BASE	38	CIM7 Min	-2.52	-0.85	102.82	0.820	-3.819	-0.016
BASE	38	CIM8 Max	-1.32	-0.74	134.64	1.051	-0.924	0.013
BASE	38	CIM8 Min	-2.17	-0.85	115.37	0.801	-2.909	-0.013
BASE	38	ENVCIM Max	-0.98	-0.74	282.12	2.318	-0.014	0.017
BASE	38	ENVCIM Min	-4.37	-1.99	102.82	0.801	-5.565	-0.016
BASE	8	CIM1	-19.55	16.75	125.73	-1.722	-1.109	-0.014
BASE	8	CIM2	-23.21	21.45	150.19	-2.500	-1.351	-0.018
BASE	8	CIM3 Max	8.18	32.23	227.60	2.762	4.998	0.187
BASE	8	CIM3 Min	-47.29	1.27	23.86	-6.207	-7.215	-0.214
BASE	8	CIM4 Max	-7.36	35.53	178.07	2.564	2.907	0.202
BASE	8	CIM4 Min	-31.75	-2.03	73.40	-6.008	-5.124	-0.229
BASE	8	CIM5 Max	-1.46	31.93	220.63	1.069	3.301	0.134
BASE	8	CIM5 Min	-43.13	8.62	67.52	-5.680	-5.881	-0.168
BASE	8	CIM6 Max	-13.09	34.40	183.56	0.920	1.736	0.145
BASE	8	CIM6 Min	-31.50	6.15	104.60	-5.531	-4.316	-0.179
BASE	8	CIM7 Max	16.00	25.53	177.31	3.451	5.442	0.192
BASE	8	CIM7 Min	-39.46	-5.43	-26.43	-5.518	-6.772	-0.208
BASE	8	CIM8 Max	0.46	28.83	127.77	3.252	3.351	0.208
BASE	8	CIM8 Min	-23.93	-8.73	23.10	-5.319	-4.681	-0.224
BASE	8	ENVCIM Max	16.00	35.53	227.60	3.451	5.442	0.208
BASE	8	ENVCIM Min	-47.29	-8.73	-26.43	-6.207	-7.215	-0.229
BASE	7	CIM1	2.98	0.12	85.79	-0.318	-1.697	0.015
BASE	7	CIM2	3.00	0.16	101.33	-0.444	-2.085	0.019
BASE	7	CIM3 Max	23.51	0.52	122.22	0.589	8.715	0.127
BASE	7	CIM3 Min	-17.54	-0.28	49.35	-1.226	-12.108	-0.097
BASE	7	CIM4 Max	23.42	0.35	115.78	0.408	5.145	0.151
BASE	7	CIM4 Min	-17.45	-0.12	55.79	-1.044	-8.539	-0.122
BASE	7	CIM5 Max	18.44	0.45	124.85	0.270	5.839	0.102
BASE	7	CIM5 Min	-12.45	-0.15	70.05	-1.095	-9.815	-0.066
BASE	7	CIM6 Max	18.37	0.33	120.03	0.134	3.168	0.120
BASE	7	CIM6 Min	-12.38	-0.03	74.86	-0.959	-7.144	-0.085
BASE	7	CIM7 Max	22.32	0.47	87.91	0.716	9.393	0.121
BASE	7	CIM7 Min	-18.74	-0.33	15.04	-1.098	-11.430	-0.103
BASE	7	CIM8 Max	22.22	0.31	81.47	0.535	5.824	0.145
BASE	7	CIM8 Min	-18.64	-0.17	21.48	-0.917	-7.860	-0.127
BASE	7	ENVCIM Max	23.51	0.52	124.85	0.716	9.393	0.151
BASE	7	ENVCIM Min	-18.74	-0.33	15.04	-1.226	-12.108	-0.127
BASE	64	CIM1	8.54	-1.85	58.65	1.999	-2.702	0.000
BASE	64	CIM2	9.85	-2.41	73.69	2.612	-3.766	0.001
BASE	64	CIM3 Max	26.72	-1.55	63.49	2.526	3.439	0.027
BASE	64	CIM3 Min	-9.64	-2.14	53.80	1.473	-8.843	-0.026
BASE	64	CIM4 Max	16.35	-1.55	61.60	2.652	0.125	0.022
BASE	64	CIM4 Min	0.72	-2.14	55.70	1.347	-5.528	-0.021
BASE	64	CIM5 Max	23.18	-2.05	73.57	2.855	1.114	0.021




Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 396 DE 398</b>
Contenido:	<b>TEATRO - M. DE CALCULOS</b>	Fecha:	<b>OCTUBRE - 2014</b>

BASE	64	CIM5 Min	-4.13	-2.49	66.29	2.062	-8.114	-0.019
BASE	64	CIM6 Max	15.43	-2.05	72.15	2.950	-1.366	0.017
BASE	64	CIM6 Min	3.62	-2.49	67.70	1.968	-5.633	-0.015
BASE	64	CIM7 Max	23.30	-0.81	40.03	1.726	4.520	0.027
BASE	64	CIM7 Min	-13.06	-1.40	30.34	0.673	-7.762	-0.026
BASE	64	CIM8 Max	12.94	-0.81	38.14	1.852	1.205	0.021
BASE	64	CIM8 Min	-2.70	-1.40	32.24	0.547	-4.448	-0.021
BASE	64	ENVCIM Max	26.72	-0.81	73.69	2.950	4.520	0.027
BASE	64	ENVCIM Min	-13.06	-2.49	30.34	0.547	-8.843	-0.026
BASE	70	CIM1	-23.63	26.92	180.67	-1.716	1.846	0.007
BASE	70	CIM2	-29.35	33.58	223.76	-2.144	2.355	0.007
BASE	70	CIM3 Max	-10.34	35.28	232.56	1.976	6.378	0.355
BASE	70	CIM3 Min	-36.93	18.56	128.78	-5.407	-2.685	-0.341
BASE	70	CIM4 Max	-16.02	33.76	227.31	0.751	3.831	0.290
BASE	70	CIM4 Min	-31.25	20.08	134.03	-4.182	-0.138	-0.276
BASE	70	CIM5 Max	-17.93	38.21	252.02	0.739	5.632	0.268
BASE	70	CIM5 Min	-37.91	25.63	173.95	-4.812	-1.177	-0.255
BASE	70	CIM6 Max	-22.18	37.07	248.10	-0.178	3.726	0.220
BASE	70	CIM6 Min	-33.66	26.77	177.88	-3.895	0.729	-0.206
BASE	70	CIM7 Max	-0.89	24.51	160.29	2.662	5.639	0.352
BASE	70	CIM7 Min	-27.47	7.79	56.51	-4.721	-3.424	-0.344
BASE	70	CIM8 Max	-6.57	23.00	155.05	1.437	3.092	0.287
BASE	70	CIM8 Min	-21.80	9.31	61.76	-3.496	-0.877	-0.279
BASE	70	ENVCIM Max	-0.89	38.21	252.02	2.662	6.378	0.355
BASE	70	ENVCIM Min	-37.91	7.79	56.51	-5.407	-3.424	-0.344
BASE	89	CIM1	0.01	-31.08	83.73	-0.711	0.051	-0.035
BASE	89	CIM2	0.01	-38.82	103.96	-0.877	0.070	-0.042
BASE	89	CIM3 Max	0.51	-18.56	113.50	1.019	1.361	0.187
BASE	89	CIM3 Min	-0.49	-43.60	53.97	-2.441	-1.258	-0.257
BASE	89	CIM4 Max	0.29	-18.49	117.57	0.201	0.643	0.061
BASE	89	CIM4 Min	-0.27	-43.68	49.89	-1.623	-0.540	-0.130
BASE	89	CIM5 Max	0.39	-27.47	121.31	0.465	1.049	0.127
BASE	89	CIM5 Min	-0.36	-46.31	76.50	-2.136	-0.919	-0.207
BASE	89	CIM6 Max	0.22	-27.41	124.36	-0.148	0.512	0.032
BASE	89	CIM6 Min	-0.20	-46.36	73.45	-1.523	-0.381	-0.112
BASE	89	CIM7 Max	0.51	-6.13	80.00	1.304	1.340	0.201
BASE	89	CIM7 Min	-0.49	-31.17	20.48	-2.157	-1.279	-0.243
BASE	89	CIM8 Max	0.29	-6.05	84.08	0.485	0.623	0.075
BASE	89	CIM8 Min	-0.27	-31.24	16.40	-1.339	-0.561	-0.116
BASE	89	ENVCIM Max	0.51	-6.05	124.36	1.304	1.361	0.201
BASE	89	ENVCIM Min	-0.49	-46.36	16.40	-2.441	-1.279	-0.257
BASE	68	CIM1	37.36	-0.16	110.52	0.141	4.130	0.015
BASE	68	CIM2	46.79	-0.21	137.26	0.192	5.326	0.019
BASE	68	CIM3 Max	59.43	0.08	122.13	0.796	11.653	0.133
BASE	68	CIM3 Min	15.29	-0.39	98.92	-0.513	-3.394	-0.103
BASE	68	CIM4 Max	48.47	-0.04	126.03	0.719	7.452	0.157
BASE	68	CIM4 Min	26.25	-0.27	95.02	-0.436	0.807	-0.127
BASE	68	CIM5 Max	61.01	-0.02	139.32	0.671	10.679	0.107
BASE	68	CIM5 Min	27.85	-0.37	121.83	-0.313	-0.626	-0.071
BASE	68	CIM6 Max	52.81	-0.11	142.23	0.614	7.535	0.125
BASE	68	CIM6 Min	36.04	-0.28	118.92	-0.256	2.518	-0.089
BASE	68	CIM7 Max	44.48	0.14	77.92	0.739	10.001	0.127
BASE	68	CIM7 Min	0.35	-0.33	54.71	-0.570	-5.046	-0.109
BASE	68	CIM8 Max	33.53	0.02	81.82	0.662	5.800	0.151
BASE	68	CIM8 Min	11.30	-0.21	50.81	-0.493	-0.845	-0.133
BASE	68	ENVCIM Max	61.01	0.14	142.23	0.796	11.653	0.157
BASE	68	ENVCIM Min	0.35	-0.39	50.81	-0.570	-5.046	-0.133
BASE	59	CIM1	-0.43	-8.70	70.56	1.355	-0.598	0.000
BASE	59	CIM2	-0.65	-11.71	94.91	1.849	-0.874	0.001
BASE	59	CIM3 Max	-0.25	2.51	80.65	5.131	0.086	0.027
BASE	59	CIM3 Min	-0.61	-19.91	60.46	-2.422	-1.282	-0.026
BASE	59	CIM4 Max	-0.31	-2.49	74.91	3.095	-0.229	0.022
BASE	59	CIM4 Min	-0.55	-14.92	66.21	-0.385	-0.967	-0.021
BASE	59	CIM5 Max	-0.46	-2.53	96.41	4.563	-0.291	0.021
BASE	59	CIM5 Min	-0.73	-19.39	81.24	-1.112	-1.319	-0.019



Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 397 DE 398</b>
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BASE	59	CIM6 Max	-0.51	-6.27	92.11	3.038	-0.527	0.017
BASE	59	CIM6 Min	-0.69	-15.65	85.54	0.412	-1.084	-0.015
BASE	59	CIM7 Max	-0.08	5.99	52.43	4.589	0.325	0.027
BASE	59	CIM7 Min	-0.44	-16.43	32.24	-2.964	-1.042	-0.026
BASE	59	CIM8 Max	-0.14	0.99	46.68	2.553	0.010	0.021
BASE	59	CIM8 Min	-0.38	-11.44	37.98	-0.927	-0.728	-0.021
BASE	59	ENVCIM Max	-0.08	5.99	96.41	5.131	0.325	0.027
BASE	59	ENVCIM Min	-0.73	-19.91	32.24	-2.964	-1.319	-0.026
BASE	745	CIM1	0.25	0.80	72.28	-0.075	0.135	0.000
BASE	745	CIM2	0.18	-0.56	98.33	1.438	0.025	0.001
BASE	745	CIM3 Max	0.63	26.26	72.65	6.499	0.584	0.027
BASE	745	CIM3 Min	-0.13	-24.67	71.91	-6.649	-0.315	-0.026
BASE	745	CIM4 Max	0.46	13.01	72.83	2.684	0.454	0.022
BASE	745	CIM4 Min	0.03	-11.41	71.73	-2.833	-0.184	-0.021
BASE	745	CIM5 Max	0.49	18.91	92.09	5.999	0.390	0.021
BASE	745	CIM5 Min	-0.09	-19.36	91.54	-3.879	-0.286	-0.019
BASE	745	CIM6 Max	0.36	8.99	92.23	3.143	0.293	0.017
BASE	745	CIM6 Min	0.04	-9.44	91.40	-1.024	-0.188	-0.015
BASE	745	CIM7 Max	0.53	25.94	43.74	6.529	0.530	0.027
BASE	745	CIM7 Min	-0.23	-24.99	43.00	-6.619	-0.368	-0.026
BASE	745	CIM8 Max	0.36	12.69	43.92	2.714	0.400	0.021
BASE	745	CIM8 Min	-0.07	-11.73	42.82	-2.803	-0.238	-0.021
BASE	745	ENVCIM Max	0.63	26.26	98.33	6.529	0.584	0.027
BASE	745	ENVCIM Min	-0.23	-24.99	42.82	-6.649	-0.368	-0.026
BASE	186	CIM1	0.00	-1.53	88.00	0.189	4.016	-0.003
BASE	186	CIM2	-0.41	-1.68	115.20	-1.999	3.832	-0.004
BASE	186	CIM3 Max	18.46	13.79	104.82	2.802	5.392	0.015
BASE	186	CIM3 Min	-18.46	-16.86	71.17	-2.424	2.640	-0.022
BASE	186	CIM4 Max	14.08	5.66	99.71	1.294	5.754	0.009
BASE	186	CIM4 Min	-14.08	-8.73	76.29	-0.916	2.278	-0.016
BASE	186	CIM5 Max	13.58	9.87	121.05	0.511	4.914	0.010
BASE	186	CIM5 Min	-14.19	-13.16	95.75	-3.415	2.842	-0.018
BASE	186	CIM6 Max	10.30	3.78	117.22	-0.617	5.185	0.006
BASE	186	CIM6 Min	-10.91	-7.08	99.57	-2.286	2.571	-0.013
BASE	186	CIM7 Max	18.46	14.40	69.63	2.726	3.785	0.016
BASE	186	CIM7 Min	-18.46	-16.24	35.97	-2.500	1.034	-0.020
BASE	186	CIM8 Max	14.08	6.27	64.51	1.218	4.148	0.011
BASE	186	CIM8 Min	-14.08	-8.11	41.09	-0.992	0.672	-0.014
BASE	186	ENVCIM Max	18.46	14.40	121.05	2.802	5.754	0.016
BASE	186	ENVCIM Min	-18.46	-16.86	35.97	-3.415	0.672	-0.022
BASE	63	CIM1	-0.07	3.29	39.26	0.768	-1.398	0.008
BASE	63	CIM2	-0.22	4.61	52.51	1.208	-1.918	0.010
BASE	63	CIM3 Max	5.17	9.82	62.33	2.448	0.946	0.038
BASE	63	CIM3 Min	-5.30	-3.25	16.19	-0.912	-3.741	-0.022
BASE	63	CIM4 Max	2.43	11.31	55.84	2.749	-0.350	0.038
BASE	63	CIM4 Min	-2.56	-4.74	22.68	-1.213	-2.445	-0.022
BASE	63	CIM5 Max	3.75	9.20	66.54	2.363	-0.027	0.032
BASE	63	CIM5 Min	-4.12	-0.64	31.85	-0.167	-3.549	-0.013
BASE	63	CIM6 Max	1.70	10.32	61.69	2.588	-0.997	0.032
BASE	63	CIM6 Min	-2.07	-1.75	36.71	-0.392	-2.579	-0.013
BASE	63	CIM7 Max	5.20	8.51	46.63	2.141	1.505	0.035
BASE	63	CIM7 Min	-5.28	-4.57	0.49	-1.219	-3.182	-0.025
BASE	63	CIM8 Max	2.46	10.00	40.13	2.442	0.209	0.035
BASE	63	CIM8 Min	-2.54	-6.05	6.98	-1.520	-1.886	-0.025
BASE	63	ENVCIM Max	5.20	11.31	66.54	2.749	1.505	0.038
BASE	63	ENVCIM Min	-5.30	-6.05	0.49	-1.520	-3.741	-0.025
BASE	746	CIM1	-1.09	2.06	72.20	0.153	-1.422	0.000
BASE	746	CIM2	-1.33	1.36	98.16	1.613	-1.733	0.001
BASE	746	CIM3 Max	-0.79	18.62	75.49	3.842	-0.890	0.027
BASE	746	CIM3 Min	-1.40	-14.51	68.90	-3.536	-1.954	-0.026
BASE	746	CIM4 Max	-0.92	23.22	74.02	4.835	-1.104	0.022
BASE	746	CIM4 Min	-1.27	-19.11	70.38	-4.528	-1.739	-0.021
BASE	746	CIM5 Max	-1.04	14.01	94.14	4.025	-1.255	0.021
BASE	746	CIM5 Min	-1.50	-10.95	89.19	-1.530	-2.055	-0.019
BASE	746	CIM6 Max	-1.14	17.45	93.04	4.768	-1.416	0.017

	Propietario:	<b>SECRETARIA DE EDUCACION Y SECRETARIA DE CULTURA</b>	Calculó:	<b>ING. FABIO RIVERA</b>
	Proyecto:	<b>COLEGIO Y TEATRO EL ENSUEÑO</b>	Revisó:	<b>ING. JUAN C. PATIÑO</b>
	Localización:	<b>BOGOTA - CUNDINAMARCA</b>	Hoja:	<b>PAGINA 398 DE 398</b>
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BASE	746	CIM6 Min	-1.40	-14.39	90.30	-2.273	-1.895	-0.015
BASE	746	CIM7 Max	-0.35	17.80	46.61	3.781	-0.321	0.027
BASE	746	CIM7 Min	-0.96	-15.34	40.02	-3.597	-1.385	-0.026
BASE	746	CIM8 Max	-0.49	22.40	45.14	4.773	-0.535	0.021
BASE	746	CIM8 Min	-0.83	-19.93	41.50	-4.590	-1.171	-0.021
BASE	746	ENVCIM Max	-0.35	23.22	98.16	4.835	-0.321	0.027
BASE	746	ENVCIM Min	-1.50	-19.93	40.02	-4.590	-2.055	-0.026

BASE	187	CIM1	-11.37	-1.06	94.90	-0.012	-6.262	-0.008
BASE	187	CIM2	-13.83	-0.93	123.87	-2.272	-6.697	-0.009
BASE	187	CIM3 Max	6.88	9.39	98.62	2.596	-4.637	0.032
BASE	187	CIM3 Min	-29.63	-11.52	91.18	-2.621	-7.887	-0.048
BASE	187	CIM4 Max	2.82	12.43	98.32	2.439	-3.945	0.015
BASE	187	CIM4 Min	-25.56	-14.56	91.47	-2.464	-8.579	-0.030
BASE	187	CIM5 Max	0.51	6.91	119.42	0.255	-5.364	0.021
BASE	187	CIM5 Min	-26.95	-8.84	113.83	-3.670	-7.812	-0.039
BASE	187	CIM6 Max	-2.53	9.19	119.20	0.137	-4.846	0.008
BASE	187	CIM6 Min	-23.90	-11.11	114.05	-3.552	-8.330	-0.026
BASE	187	CIM7 Max	11.43	9.82	60.66	2.601	-2.132	0.035
BASE	187	CIM7 Min	-25.08	-11.10	53.22	-2.616	-5.382	-0.044
BASE	187	CIM8 Max	7.36	12.86	60.36	2.444	-1.440	0.018
BASE	187	CIM8 Min	-21.01	-14.14	53.51	-2.459	-6.074	-0.027
BASE	187	ENVCIM Max	11.43	12.86	123.87	2.601	-1.440	0.035
BASE	187	ENVCIM Min	-29.63	-14.56	53.22	-3.670	-8.579	-0.048

BASE	35	CIM1	-12.50	1.05	56.80	1.755	-1.313	0.116
BASE	35	CIM2	-16.77	1.41	75.82	2.448	-1.696	0.157
BASE	35	CIM3 Max	-9.32	5.59	77.64	2.808	-0.019	0.188
BASE	35	CIM3 Min	-15.69	-3.49	35.96	0.702	-2.607	0.045
BASE	35	CIM4 Max	-10.76	3.42	65.59	2.432	-0.584	0.148
BASE	35	CIM4 Min	-14.25	-1.31	48.02	1.077	-2.041	0.085
BASE	35	CIM5 Max	-13.31	4.73	86.73	3.066	-0.627	0.200
BASE	35	CIM5 Min	-18.09	-2.09	55.41	1.483	-2.573	0.093
BASE	35	CIM6 Max	-14.39	3.10	77.71	2.785	-1.051	0.171
BASE	35	CIM6 Min	-17.01	-0.46	64.43	1.765	-2.149	0.123
BASE	35	CIM7 Max	-4.32	5.17	54.92	2.106	0.507	0.141
BASE	35	CIM7 Min	-10.68	-3.91	13.24	0.000	-2.082	-0.002
BASE	35	CIM8 Max	-5.76	3.00	42.87	1.730	-0.059	0.101
BASE	35	CIM8 Min	-9.24	-1.73	25.29	0.376	-1.516	0.038
BASE	35	ENVCIM Max	-4.32	5.59	86.73	3.066	0.507	0.200
BASE	35	ENVCIM Min	-18.09	-3.91	13.24	0.000	-2.607	-0.002

Summation	0, 0, Base	CIM1	-0.05	-0.01	7203.99	172026.224	-90100.834	2.034
Summation	0, 0, Base	CIM2	-0.05	0.00	9145.20	221419.442	-114617.741	2.280
Summation	0, 0, Base	CIM3 MAX	1224.43	881.61	11909.87	298675.395	-143054.841	-21486.342
Summation	0, 0, Base	CIM3 MIN	-1224.53	-881.63	2498.11	45377.053	-37146.826	21490.409
Summation	0, 0, Base	CIM4 MAX	873.84	985.83	11001.90	273604.141	-133293.083	-13523.788
Summation	0, 0, Base	CIM4 MIN	-873.94	-985.85	3406.08	70448.306	-46908.584	13527.855
Summation	0, 0, Base	CIM5 MAX	920.64	663.60	12199.14	304321.248	-148315.527	-16151.291
Summation	0, 0, Base	CIM5 MIN	-920.74	-663.61	5120.66	113821.026	-68661.502	16155.728
Summation	0, 0, Base	CIM6 MAX	658.23	741.61	11519.55	285556.261	-141009.180	-10191.589
Summation	0, 0, Base	CIM6 MIN	-658.33	-741.62	5800.25	132586.014	-75967.848	10196.025
Summation	0, 0, Base	CIM7 MAX	1224.45	881.62	9028.28	229864.905	-107014.508	-21487.155
Summation	0, 0, Base	CIM7 MIN	-1224.51	-881.63	-383.48	-23433.437	-1106.493	21489.596
Summation	0, 0, Base	CIM8 MAX	873.86	985.84	8120.31	204793.651	-97252.750	-13524.601
Summation	0, 0, Base	CIM8 MIN	-873.92	-985.85	524.49	1637.817	-10868.251	13527.042
Summation	0, 0, Base	ENVCIM MAX	1410.93	1204.86	12957.00	324313.048	-155582.707	-23892.760
Summation	0, 0, Base	ENVCIM MIN	-1411.53	-1201.26	-633.38	-30263.338	1347.872	23671.063



<b>Propietario:</b>	SEC. EDUCACION Y SEC. CULTURA	<b>Calculó:</b>	ING. FABIO RIVERA
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<b>Localización:</b>	BOGOTA - CUNDINAMARCA	<b>Hoja:</b>	
<b>Contenido:</b>	TEATRO - M. DE CALCULOS	<b>Fecha:</b>	NOVIEMBRE - 2014

## **ANEXO 8. DISEÑO DE ELEMENTOS NO ESTRUCTURALES**





Propietario:	SEC. EDUCACION Y SEC. CULTURA	Calculó:	ING. FABIO RIVERA
Proyecto:	COLEGIO Y TEATRO EL ENSUEÑO	Revisó:	ING. JUAN C. PATIÑO
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## **DISEÑO DE ELEMENTOS NO ESTRUCTURALES (MUROS)**

### **COLEGIO ENSUEÑO**

MUROS PRIMER PISO

REF: CAPITULO A.9 NSR-10

1. Grado de Desempeño requerido: **Superior (Grupo de Uso III)**

2. Criterio de Diseño: **Elementos separados de la Estructura**

3. Fuerzas Sísmicas de Diseño:

$$F_p = \frac{a_x a_p}{R_p} g M_p \geq \frac{A_a I}{2} g M_p$$

$a_x$  = Aceleración del Punto de Soporte ( ref: A.9.4.2.1)

$$a_x = A_s + \frac{(S_a - A_s) h_x}{h_{eq}} \quad h_x \leq h_{eq}$$

$$a_x = S_a \frac{h_x}{h_{eq}} \quad h_x \geq h_{eq}$$

$a_p$  = Amplificación Dinámica del Elemento No Estructural ( ref: A.9.4.2.2 y Tabla A.9.5-1)

$R_p$  = Capacidad de Disipación de Energía en el Rango Inelástico del Elemento ( ref: A.9.4.9 y Tabla A.9.5-1)

**Muros de Fachada:**

*Mampostería Reforzada Separada lateralmente de la Estructura, Apoyada solo Abajo*

$a_p$  = **2.5**                      Rp mínimo: **6**

**Muros Divisorios:**

*Corredores*

$a_p$  = **1.0**                      Rp mínimo: **3**

*Muros de Altura Total*

$a_p$  = **1.0**                      Rp mínimo: **1.5**

*Muros de Altura Parcial*

$a_p$  = **2.5**                      Rp mínimo: **1.5**

**Tipos de Anclaje:**

Especiales:	Rp=	<b>6.0</b>
Dúctiles:	Rp=	<b>3.0</b>
No Dúctiles:	Rp=	<b>1.5</b>
Húmedos:	Rp=	<b>0.5</b>

**4. Calculo de las Aceleraciones de Piso:**

$A_a$ =	<b>0.15</b>	<b>Bogotá (Cundinamarca)</b>	Coefficiente de aceleración Pico-efectiva
$A_s$ =	<b>0.478</b>		Aceleración espectral, para un período de vibración igual a cero.
$S_a$ =	<b>0.478</b>		Aceleración espectral. (referencia FHE)
$I$ =	<b>1.25</b>		Coefficiente de Importancia
$h_n$ =	<b>20.57</b>		Altura desde la base al piso mas alto de la edificación

$h_{eq}$ : **15.43**                      Altura equivalente del sistema de un GDL, que simula la edificación. ( $h_{eq} = 0.75 h_n$ )



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NIVEL	hx	ax
CB3(N+20.57)	20.57	0.637
CB2(N+14.60)	14.60	0.598
CB1(N+11.30)	11.30	0.598
3ER(N+7.20)	7.20	0.598
2DO(N+3.78)	3.78	0.598
1ER (N+0.36)	0.36	0.598
1ER(N-0.49)	0.00	0.598
SOT1(N-4.09)	0.00	0.598
BASE	0.00	0.598

hx: Altura desde la base, hasta el nivel de apoyo del elemento no estructural

## 5. Diseño de los elementos de reforzamiento

### Mampostería de perforación Vertical

Altura del Muro: 3.2 m

Separación Dóvelas (máx: 150 cms) 1.5 m

Use Separación de: 1.2 m

Espesor del Muro: 0.12 m

Amplificación dinámica: 1

Aceleración del elemento : 0.598 Ver Tabla de Arriba.

Rp- Relacionado con el Anclaje: 3

Masa del Muro: 829.44 kg

$$Fp = \frac{a_x a_p}{R_p} gMp \geq \frac{a_a I}{2} gMp = 165.3 \text{ kg} \quad 77.8 \text{ kg}$$

### HIPOTESIS 1. MURO EN VOLADIZO

$$Mu = Fp \cdot h/2 = 264.5 \text{ kg-m}$$

### HIPOTESIS 2. MURO SIMPLEMENTE APOYADO

$$Mu = Fp \cdot h/4 = 132.3 \text{ kg-m}$$

### HIPOTESIS 3. MURO EMPOTRADO EN LA BASE Y APOYADO SUPERIORMENTE

$$Mu+ = 5Fp \cdot h/32 = 82.7 \text{ kg-m}$$

$$Mu- = 3Fp \cdot h/16 = 99.2 \text{ kg-m} \quad Mmax = 99.2 \text{ kg-m}$$

### Diseño de las Dóvelas:

Separación entre dóvelas: 120 cm

Espesor del muro: 0.14 m

Recubrimiento a la barra: 7 cm

Nota: f'm=80 kg/cm2 y Acero de 4200 kg/cm2

### HIPOTESIS 1. MURO EN VOLADIZO

#### FLEXION

$$a = 117085.5$$

$$b = -3780.0$$

$$c = 4.5$$

$$Ro1 = 0.031046$$

$$Ro2 = 0.001238$$

$$Ro \text{ max} = 0.0159$$

$$\text{use: } Ro = 0.0012 < Ro_{max} = 0.0159 \text{ OK!}$$



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Acero de Refuerzo Longitudinal en cada d6vela:

As= 1.04 cm<sup>2</sup> use: 6 Ø5mm  
4 Ø1/4"  
2 Ø3/8"

HIPOTESIS 2. MURO SIMPLEMENTE APOYADO

FLEXION

a= 117085.5

b= -3780.0

c= 2.2

Ro1: 0.031678

use: Ro= 0.0006 < Romax= 0.0159 OK!

Ro2: 0.000606

Ro max: 0.0159

Acero de Refuerzo Longitudinal en cada d6vela:

As= 0.51 cm<sup>2</sup> use: 3 Ø5mm  
2 Ø1/4"  
1 Ø3/8"

HIPOTESIS 3. MURO EMPOTRADO EN LA BASE Y APOYADO SUPERIORMENTE

FLEXION

a= 117085.5

b= -3780.0

c= 1.7

Ro1: 0.031831

use: Ro= 0.0005 < Romax= 0.0159 OK!

Ro2: 0.000453

Ro max: 0.0159

Acero de Refuerzo Longitudinal en cada d6vela:

As= 0.38 cm<sup>2</sup> use: 2 Ø5mm  
2 Ø1/4"  
1 Ø3/8"

CORTANTE

Fuerza Cortante resistida por el muro:

ØVc= 3384.7 kg

Fuerza Cortante Total Resistida por el muro:

ØV= 3384.7 kg

HIPOTESIS 1. MURO EN VOLADIZO

Vu max= Fp= 165.3 kg ØV= 3384.7 kg OK!

HIPOTESIS 2. MURO SIMPLEMENTE APOYADO

Vu max= Fp/2= 82.7 kg ØV= 3384.7 kg OK!

HIPOTESIS 3. MURO EMPOTRADO EN LA BASE Y APOYADO SUPERIORMENTE

Vu max= 11Fp/16= 113.7 kg ØV= 3384.7 kg OK!