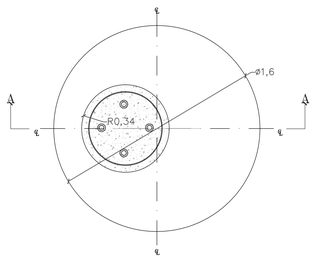
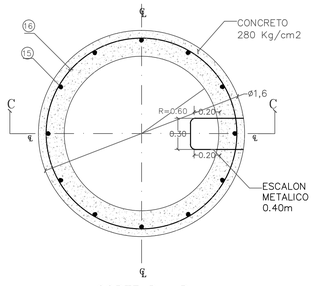
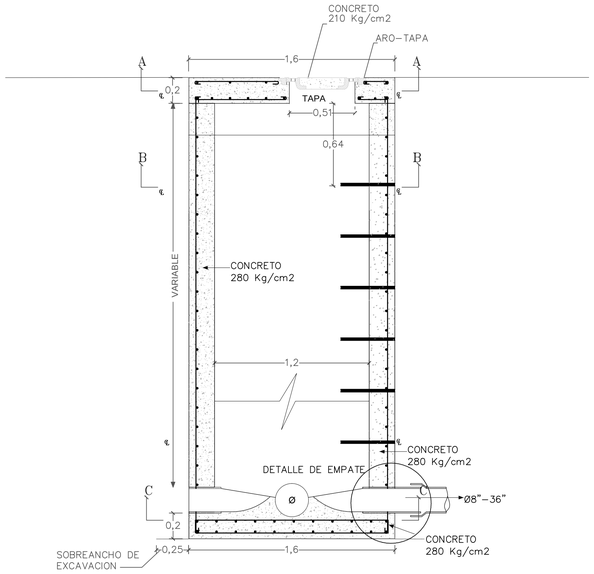


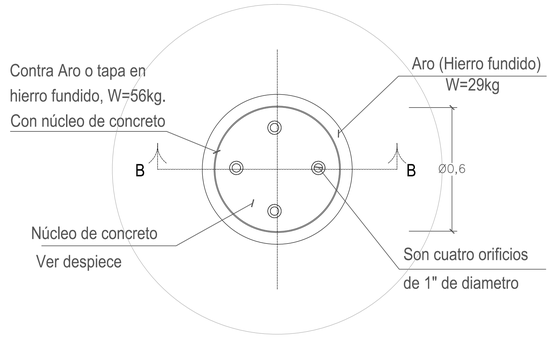

PLACA CORTE
CORTE A --A
esc 1:20



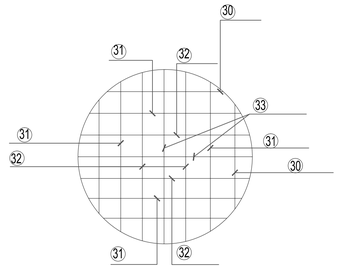

CORTE B--B
esc 1:20



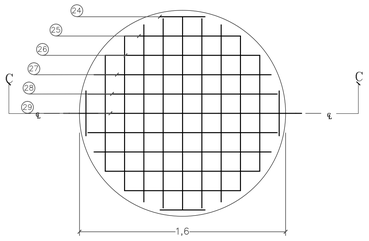

POZO DE INSPECCION EN CONCRETO DE 4000 PSI
CORTE
esc 1:20



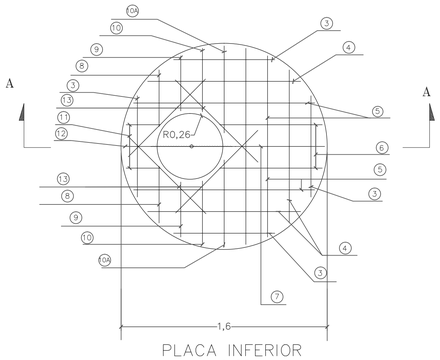

PLANTA TAPA
esc 1:12.5



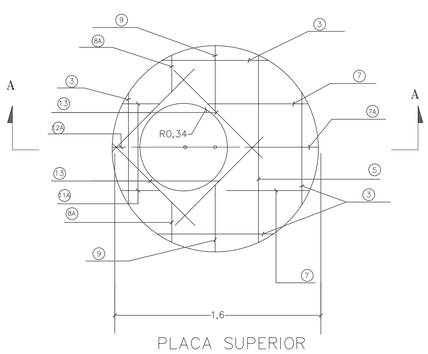

NUCLEO DE CONCRETO – DESPIECE
Son dos parrillas
esc 1:12.5




PLACA BASE
CORTE C --C
esc 1:20



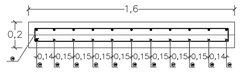

PLACA INFERIOR
esc 1:20



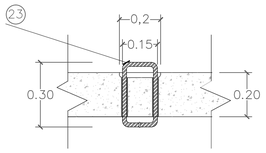

PLACA SUPERIOR
esc 1:20



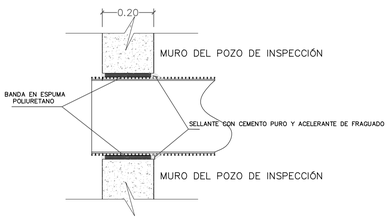

VISTA EN PLANTA AGARRADERA
esc 1:12.5



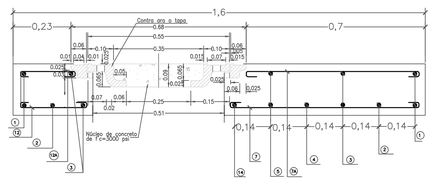

DESPIECE – DIMENSIONES PLACA BASE
CORTE C --C
esc 1:10



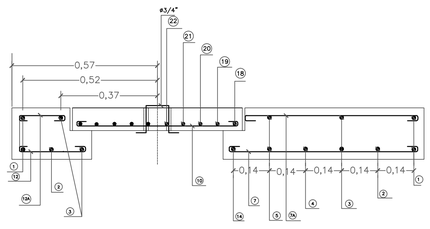

DETALLE AGARRADERA



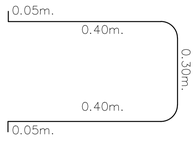

DETALLE DE EMPALME
POZO DE INSPECCION – TUBERIA
esc 1:20




DESPIECE – DIMENSIONES PLACA Y TAPA VEI
CORTE A --A
esc 1:10




DESPIECE – DIMENSIONES PLACA Y TAPA PE
CORTE A --A
esc 1:10




1#512 c/0.40
DETALLE ESCALON
Sin escala

## DESPIECE Y CANTIDADES DE OBRA PARA PLACA Y TAPA

| CANT. | # | TIPO | A | B | C | D | E | LONG. UNIT. (m) | LONG. TOTAL (m) | PESO TOTAL (Kg) | F O R M A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 4 | ① | 0.40 | 0.15 | | | | 0.70 | 5.60 | 5.60 | |
| 4 | 4 | ② | 1.12 | 0.15 | | | | 1.42 | 5.68 | 5.68 | |
| 8 | 4 | ③ | 1.45 | 0.15 | | | | 1.75 | 14.00 | 14.00 | |
| 3 | 4 | ④ | 1.70 | 0.15 | | | | 2.00 | 6.00 | 6.00 | |
| 6 | 4 | ⑤ | 1.80 | 0.15 | | | | 2.10 | 12.60 | 12.60 | |
| 2 | 4 | ⑥ | 0.90 | 0.15 | | | | 1.20 | 2.40 | 2.40 | |
| 2 | 4 | ⑦ | 0.85 | 0.15 | | | | 1.15 | 2.30 | 2.30 | |
| 1 | 4 | ⑦A | 0.76 | 0.15 | | | | 1.06 | 1.06 | 1.06 | |
| 2 | 4 | ⑧ | 0.65 | 0.15 | | | | 0.78 | 1.90 | 1.90 | B A B |
| 2 | 4 | ⑧A | 0.48 | 0.15 | | | | 0.90 | 1.56 | 1.56 | |
| 4 | 4 | ⑨ | 0.60 | 0.15 | | | | 0.90 | 3.60 | 3.60 | |
| 2 | 4 | ⑩ | 0.66 | 0.15 | | | | 0.96 | 1.92 | 1.92 | |
| 4 | 4 | ⑩A | 0.73 | 0.15 | | | | 1.03 | 2.06 | 2.06 | |
| 2 | 4 | ⑪ | 0.45 | 0.15 | | | | 0.75 | 1.50 | 1.50 | |
| 2 | 4 | ⑪A | 0.42 | 0.15 | | | | 0.72 | 1.44 | 1.44 | |
| 2 | 4 | ⑫ | 0.40 | 0.15 | | | | 0.70 | 1.40 | 1.40 | |
| 1 | 4 | ⑫A | 0.34 | 0.15 | | | | 0.64 | 0.64 | 0.64 | |
| 8 | 4 | ⑬ | 1.20 | 0.15 | | | | 1.50 | 12.00 | 12.00 | |
| 1 | 4 | ⑭ | 1.95 | 0.15 | | | | 2.25 | 2.25 | 2.25 | |
| TOTALES PARA UNA PLACA | | | | | | | | ACERO REFUERZO | | 79.91 | Conc 3.000 psi. (210 kg/cm²) |
| Varia con H C/15cm | 4 | ⑮ | 0.35 | 5.00 | | | | 5.00 | — | — | R H B |
| 12 | 5 | ⑯ | 0.25 | Varia | | | | — | — | — | A B=varia con H A |
| Varia con H C/40cm | 5 | ⑰ | 0.05 | 0.40 | 0.30 | | | 1.20 | — | — | A B C |
| 1 | 3 | ⑱ | 0.30 | 2.15 | | | | 2.45 | 2.45 | 1.40 | H R B |
| 1 | 3 | ⑲ | 0.30 | 1.70 | | | | 2.00 | 2.00 | 1.10 | |
| 1 | 3 | ⑳ | 0.30 | 1.25 | | | | 1.55 | 1.55 | 0.90 | |
| 1 | 3 | ㉑ | 0.30 | 0.70 | | | | 1.05 | 1.05 | 0.60 | |
| 1 | 3 | ㉒ | 0.30 | 0.50 | | | | 0.80 | 0.80 | 0.50 | |
| 3 | 4 | ㉓ | | | 0.30 | 0.15 | | 0.90 | 2.70 | 2.69 | |
| 4 | 4 | ㉔ | 0.20 | 0.20 | 0.35 | 0.10 | | 1.30 | 5.20 | 5.19 | |
| 4 | 4 | ㉕ | 0.20 | 0.20 | 0.90 | 0.10 | | 2.40 | 9.60 | 9.59 | |
| 4 | 4 | ㉖ | 0.20 | 0.20 | 1.20 | 0.10 | | 3.00 | 12.0 | 11.9 | C A D B |
| 4 | 4 | ㉗ | 0.20 | 0.20 | 1.40 | 0.10 | | 3.40 | 13.6 | 13.5 | |
| 4 | 4 | ㉘ | 0.20 | 0.20 | 1.50 | 0.10 | | 3.60 | 14.4 | 14.3 | |
| 4 | 4 | ㉙ | 0.20 | 0.20 | 1.85 | 0.10 | | 4.30 | 17.2 | 17.1 | |
| 4 | 3 | ㉚ | 0.55 | | | | | 0.55 | 2.20 | 2.19 | B |
| 4 | 3 | ㉛ | 0.75 | | | | | 0.75 | 3.00 | 3.00 | B |
| 8 | 3 | ㉜ | 0.80 | | | | | 0.80 | 3.20 | 3.19 | B |
| 4 | 3 | ㉝ | 0.85 | | | | | 0.85 | 3.40 | 3.39 | B |

Libertad y Orden
Ministerio de Vivienda, Ciudad y Territorio
República de Colombia

Gobernación de Boyacá
Orgullo de América

ESPB
Empresa de Servicios Públicos de Boyacá
EMPRESA DE SERVICIOS PUBLICOS DE BOYACA

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MODIFICACIONES

| FECHA | MODIFICACION | NOMBRE ING. RESPONSABLE | FIRMA |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

CONSTRUCCION INTERCEPTOR Y OPTIMIZACION DEL SISTEMA DE ALCANTARILLADO COMBINADO DEL MUNICIPIO DE MIRAFLORES

DEPARTAMENTO BOYACA

MUNICIPIO DE MIRAFLORES

Contiene : DETALLE POZO DE INSPECCION EN CONCRETO

Alcance : CONSTRUCCION SISTEMA DE ALCANTARILLADO

Escala : Las indicadas

Dibujo: Doris Amanda Rizo C.

Nombre del Archivo: 58. detalle pozo en concreto.dwg

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