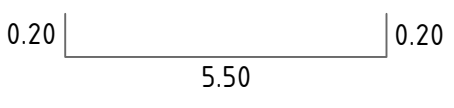
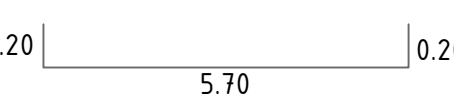
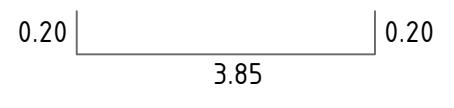
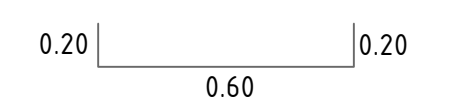
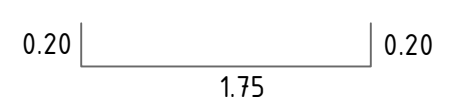
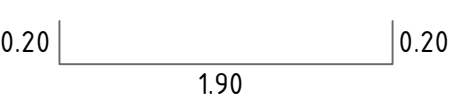
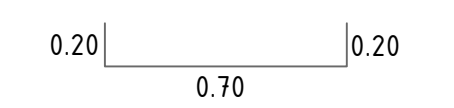
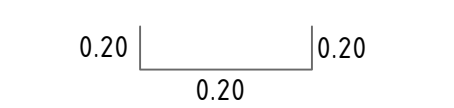
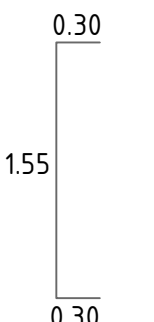
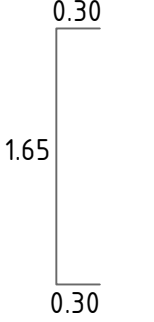
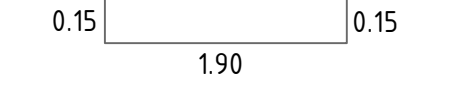
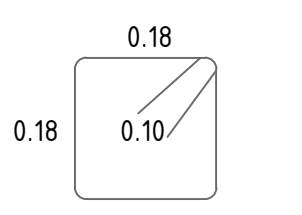
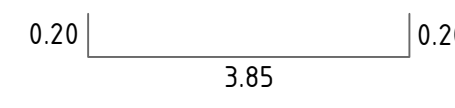
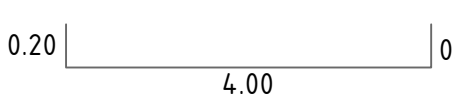
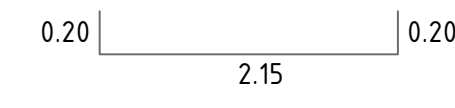
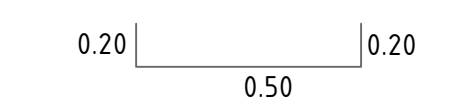
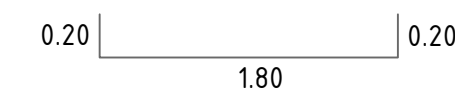
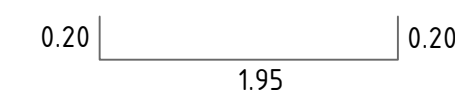
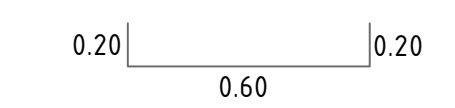
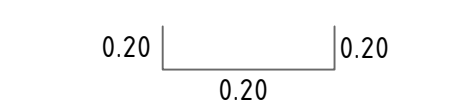
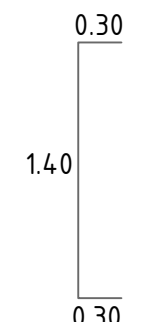
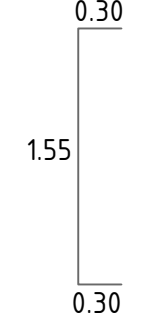
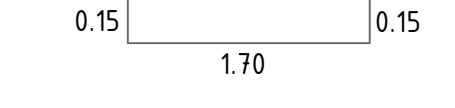
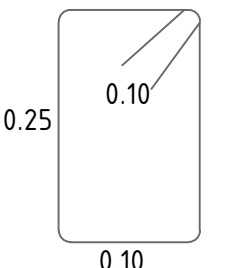


MACROMEDIDOR 4" Y 3"					
DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	LONGITUD TOTAL	PESO
	21	#5	5.90	123.90	123.15
	10	#5	6.10	61.00	60.63
	4	#5	4.25	17.00	16.89
	4	#5	1.00	4.00	3.97
	55	#5	2.15	118.25	117.54
	37	#5	2.30	85.10	84.85
	3	#5	1.10	3.30	3.28
	3	#5	0.60	1.80	1.78
	83	#6	2.15	178.45	397.94
	85	#6	2.25	191.25	426.48
	4	#4	2.20	8.80	8.74
	17	#3	0.92	15.64	8.75

NOTA:
ES RESPONSABILIDAD DEL CONSTRUCTOR
VERIFICAR LAS CANTIDADES DE OBRA ANTES
DE REALIZAR EL PEDIDO, EL INGENIERO
ESTRUCTURAL NO SE HACE RESPONSABLE
POR DIFERENCIAS EN LAS CANTIDADES DE
OBRA.

MACROMEDIDOR 3"					
DIAGRAMA	CANTIDAD	DIAMETRO	LONGITUD	LONGITUD TOTAL	PESO
	21	#5	4.25	55.25	85.63
	17	#5	4.40	39.60	61.38
	4	#5	2.55	10.20	15.81
	4	#5	0.90	3.60	5.58
	36	#5	2.20	61.60	95.48
	22	#5	2.35	32.90	50.99
	4	#5	1.00	4.00	6.20
	4	#5	0.60	2.40	6.20
	69	#5	2.00	138.00	3.72
	74	#5	2.15	159.10	246.60
	4	#4	2.00	8.00	7.95
	14	#3	0.90	12.60	7.05



OBJETO:
OPTIMIZACION DE LAS REDES DE DISTRIBUCION DEL
SISTEMA DE ACUEDUCTO DEL CASCO URBANO DEL
MUNICIPIO DE GENOVA.

CONTRATO DE CONSULTORIA - 03

CONTRATISTA
CONTRATO DE CONSULTORIA No. 003

DIRECTOR: _____
ING. MARCO ANTONIO BARRIOS
M.P. 6320281759 QND
MODELACION
HIDRAULICA: _____
ING. JUAN CARLOS GUTIERREZ A.
M.P. 2520260407 CND

SUPERVISION
EMPRESAS PUBLICAS DEL QUINDIO S.A. ESP
OFICINA DE PLANEACION TECNICA

Vo Bo: _____
ING. DARNELLY TORO JIMENEZ
PU PLANEACION TECNICA

MUNICIPIO DE GENOVA - DEPTO. DEL QUINDÍO

CONTIENE:
DISEÑO ESTRUCTURAL
CAJAS ESTACIONES DE MACROMEDICION
MUNICIPIO DE GENOVA

ESCALA: INDICADA ARCHIVO: ESTRUCTURALMACROGENOVA.DWG

ACTIVIDAD:
ESTRUCTURAL

FECHA:
DICIEMBRE DE 2016

PLANO N°:
MH-G-E-03