




CONTENIDO











DISEÑO GENERAL DE REDES
LICENCIA INTERVENCION DE
ESPACIO PÚBLICO

OS/ERO	<p>Vo. Bo.</p>  <p>SERGIO ANTONIO HERNANDEZ M.P. 0620282066 ATL INGENIERO CIVIL</p> <p>Jefe de Redes</p>
REVISO	<p>YEFFER ALEXANDER GUZMAN Director Técnico</p>
APPROBO	<p>WILLIAM FERNANDO OVIEDO Gerente General</p>

NOTAS

- Redes de polietileno y acero construidas según Norma Técnica Colombiana NTC 3728
- Tubería de polietileno de fabricación Extrucol, de media densidad, pegados por termo-fusión en diámetros de 1/2", 3/4", 1", 1 1/4", 2", 2 1/2", 3", 4", 6", 8", 10", 12", 16", 20", 24", 30", 36", 42", 48", 60", 72", 84", 96", 108", 120", 144", 168", 192", 216", 240", 264", 288", 312", 336", 360", 384", 408", 432", 456", 480", 504", 528", 552", 576", 600", 624", 648", 672", 696", 720", 744", 768", 792", 816", 840", 864", 888", 912", 936", 960", 984", 1008", 1032", 1056", 1080", 1104", 1128", 1152", 1176", 1200", 1224", 1248", 1272", 1296", 1320", 1344", 1368", 1392", 1416", 1440", 1464", 1488", 1512", 1536", 1560", 1584", 1608", 1632", 1656", 1680", 1704", 1728", 1752", 1776", 1800", 1824", 1848", 1872", 1896", 1920", 1944", 1968", 1992", 2016", 2040", 2064", 2088", 2112", 2136", 2160", 2184", 2208", 2232", 2256", 2280", 2304", 2328", 2352", 2376", 2400", 2424", 2448", 2472", 2496, 2520, 2544, 2568, 2592, 2616, 2640, 2664, 2688, 2712, 2736, 2760, 2784, 2808, 2832, 2856, 2880, 2904, 2928, 2952, 2976, 3000, 3024, 3048, 3072, 3096, 3120, 3144, 3168, 3192, 3216, 3240, 3264, 3288, 3312, 3336, 3360, 3384, 3408, 3432, 3456, 3480, 3504, 3528, 3552, 3576, 3600, 3624, 3648, 3672, 3696, 3720, 3744, 3768, 3792, 3816, 3840, 3864, 3888, 3912, 3936, 3960, 3984, 4008, 4032, 4056, 4080, 4104, 4128, 4152, 4176, 4200, 4224, 4248, 4272, 4296, 4320, 4344, 4368, 4392, 4416, 4440, 4464, 4488, 4512, 4536, 4560, 4584, 4608, 4632, 4656, 4680, 4704, 4728, 4752, 4776, 4800, 4824, 4848, 4872, 4896, 4920, 4944, 4968, 4992, 5016, 5040, 5064, 5088, 5112, 5136, 5160, 5184, 5208, 5232, 5256, 5280, 5304, 5328, 5352, 5376, 5400, 5424, 5448, 5472, 5496, 5520, 5544, 5568, 5592, 5616, 5640, 5664, 5688, 5712, 5736, 5760, 5784, 5808, 5832, 5856, 5880, 5904, 5928, 5952, 5976, 6000, 6024, 6048, 6072, 6096, 6120, 6144, 6168, 6192, 6216, 6240, 6264, 6288, 6312, 6336, 6360, 6384, 6408, 6432, 6456, 6480, 6504, 6528, 6552, 6576, 6600, 6624, 6648, 6672, 6696, 6720, 6744, 6768, 6792, 6816, 6840, 6864, 6888, 6912, 6936, 6960, 6984, 7008, 7032, 7056, 7080, 7104, 7128, 7152, 7176, 7200, 7224, 7248, 7272, 7296, 7320, 7344, 7368, 7392, 7416, 7440, 7464, 7488, 7512, 7536, 7560, 7584, 7608, 7632, 7656, 7680, 7704, 7728, 7752, 7776, 7800, 7824, 7848, 7872, 7896, 7920, 7944, 7968, 7992, 8016, 8040, 8064, 8088, 8112, 8136, 8160, 8184, 8208, 8232, 8256, 8280, 8304, 8328, 8352, 8376, 8400, 8424, 8448, 8472, 8496, 8520, 8544, 8568, 8592, 8616, 8640, 8664, 8688, 8712, 8736, 8760, 8784, 8808, 8832, 8856, 8880, 8904, 8928, 8952, 8976, 9000, 9024, 9048, 9072, 9096, 9120, 9144, 9168, 9192, 9216, 9240, 9264, 9288, 9312, 9336, 9360, 9384, 9408, 9432, 9456, 9480, 9504, 9528, 9552, 9576, 9600, 9624, 9648, 9672, 9696, 9720, 9744, 9768, 9792, 9816, 9840, 9864, 9888, 9912, 9936, 9960, 9984, 10000
- Excavación promedio:
 - Tubería troncal milimétrica(315mm)=1.20mt
 - Tubería troncal de polietileno (1" 2", 3", 4", 5", 6", 8")=1mt
 - Tubería anillo de polietileno(3/4" y 1/2") = 0.70 mts
- La localización dentro del municipio, de la zona desplegada en el presente plano, se puede consultar en el plano general de localización del proyecto

CONVENCIONES

	TUBERIA ANILLO ø1/2"
	TUBERIA ANILLO ø3/4"
	TUBERIA TRONCAL ø1"
	TUBERIA TRONCAL ø2"
	TUBERIA TRONCAL ø3"
	TUBERIA TRONCAL ø4"
	TUBERIA TRONCAL ø6"
	TUBERIA TRONCAL ø8"
	TUBERIA TRONCAL ø315mm
	VALVULA DE TRONCAL

UNIDADES CONSTRUCTIVAS

ACO	ANDEN CONCRETO	GR	GRAMA
ADQ	ADOQUIN	GT	ANDEN GRANITO TABLON
AG	ANDEN GRANITO	PID	PIEDRA
AS	ASFALTO	TA	ANDEN TABLON
CO	CONCRETO VIA	ZV	ZONA VERDE

ELABORÓ	AREA DE CARTOGRAFIA
ESCALA	1 : 250
PLANO	62 DE 159
FECHA	ENERO/2020

