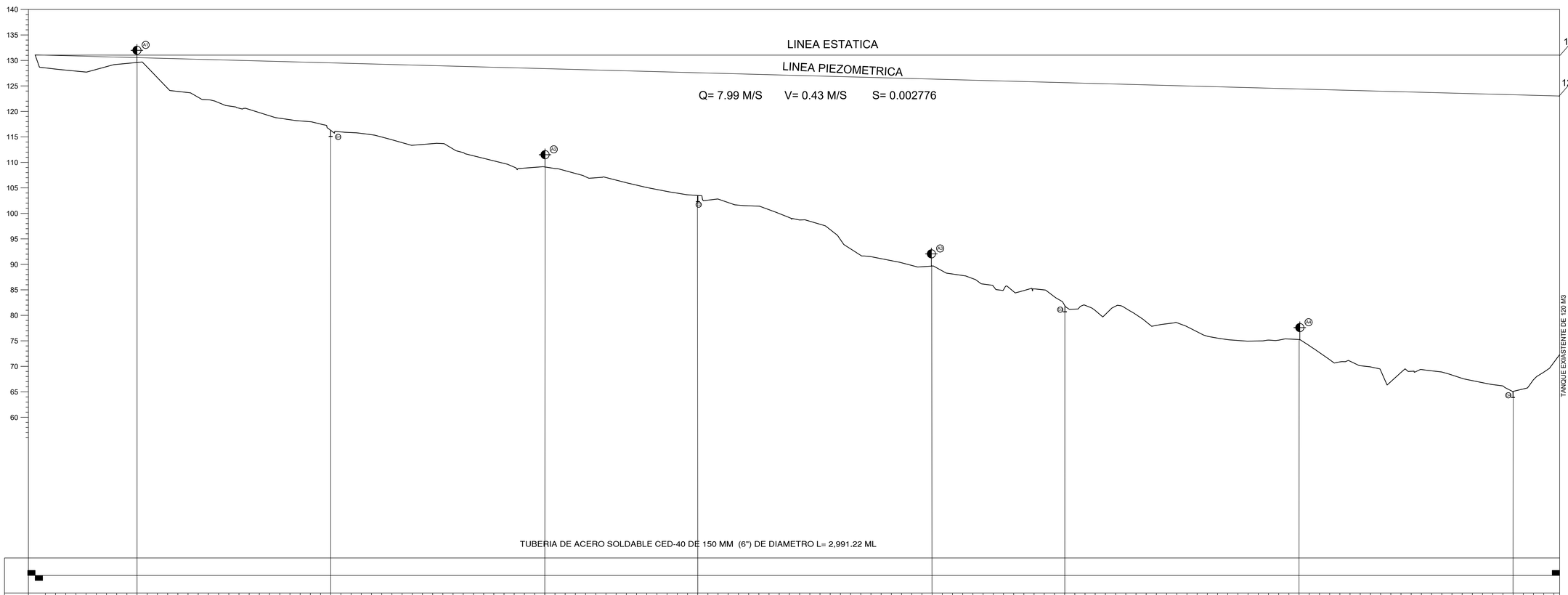


CROQUIS DE LOCALIZACIÓN



D A T O S DE P R O Y E C T O

POBLACIÓN ACTUAL (2025)	2,631 HAB.
POBLACIÓN DE PROYECTO (2040)	3,289 HAB.
DOTACION	150 LTS/HAB/DÍA
GASTO MEDIO DIARIO	5.71 L.P.S.
GASTO MAXIMO DIARIO	7.99 L.P.S.
GASTO MAXIMO HORARIO	12.38 L.P.S.
COEFICIENTE DE VARIACIÓN DIARIA	1.40
COEFICIENTE DE VARIACIÓN HORARIA	1.55
FUENTE DE ABASTECIMIENTO	ARROYO "INNOMINADO"
CAPTACIÓN	MURO Y CAJA DESARENADORA
CONDUCCIÓN	GRAVEDAD
REGULARIZACIÓN	TANQUE SUP. DE 120 M3.
DISTRIBUCIÓN	GRAVEDAD
SERVICIO	TOMAS DOMICILIARIAS
DESINFECCIÓN	CLORADOR RAINBOW

CANTIDADES DE TUBERIA EN LINEA DE CONDUCCION

NUEVA	
TUBERIA DE ACERO SOLDABLE DE 150 MM (6") DE DIÁMETRO	2,320.00 ML

EXISTENTE	
TUBERIA DE ACERO SOLDABLE DE 150 MM (6") DE DIÁMETRO	671.22 ML

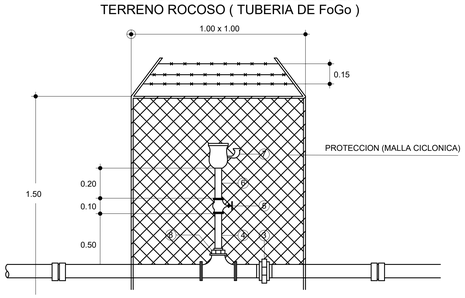
CANTIDADES DE OBRA EN LINEA DE CONDUCCION

LIMPIA Y TRAZO	4,486.83 M²
EXCAVACIÓN PARA ESTRUCTURAS MAT ° BY C°	186.12 M³
CONCRETO F'C=150 KG/CM2	132.35 M³
CIMBRA EN CIMENTACION	1,323.52 M²

CADENAMIENTO	COTA DE TERRENO	COTA PIEZOMETRICA	CARGA DISPONIBLE
0+000.00	131.05	131.05	0.00
0+020.00	128.54	128.31	
0+040.00	128.31	128.11	
0+060.00	128.11	127.91	
0+080.00	127.91	127.72	
0+100.00	127.72	128.24	
0+120.00	128.24	128.78	
0+140.00	128.78	129.23	
0+160.00	129.23	129.84	0.65
0+180.00	129.84	130.49	
0+200.00	130.49	129.84	0.65
0+220.00	129.84	128.69	
0+240.00	128.69	126.61	
0+260.00	126.61	124.53	
0+280.00	124.53	123.92	
0+300.00	123.92	123.70	
0+320.00	123.70	122.77	
0+340.00	122.77	122.28	
0+360.00	122.28	121.73	
0+380.00	121.73	121.07	
0+400.00	121.07	120.63	
0+420.00	120.63	120.39	
0+440.00	120.39	119.77	
0+460.00	119.77	119.14	
0+480.00	119.14	118.66	
0+500.00	118.66	118.37	
0+520.00	118.37	118.14	
0+540.00	118.14	117.98	
0+560.00	117.98	117.52	11.85
0+580.00	117.52	117.59	
0+600.00	117.59	115.98	
0+620.00	115.98	115.85	
0+640.00	115.85	115.69	
0+660.00	115.69	115.43	
0+680.00	115.43	114.98	
0+700.00	114.98	114.44	
0+720.00	114.44	113.88	
0+740.00	113.88	113.36	
0+760.00	113.36	113.52	
0+780.00	113.52	113.68	
0+800.00	113.68	113.70	
0+820.00	113.70	112.63	
0+840.00	112.63	111.92	
0+860.00	111.92	111.29	
0+880.00	111.29	110.80	
0+900.00	110.80	110.30	
0+920.00	110.30	109.81	
0+940.00	109.81	109.08	
0+960.00	109.08	108.88	
0+980.00	108.88	109.44	18.83
1+000.00	109.44	109.11	
1+020.00	109.11	128.27	
1+040.00	128.27	108.80	
1+060.00	108.80	108.38	
1+080.00	108.38	107.84	
1+100.00	107.84	107.19	
1+120.00	107.19	106.99	
1+140.00	106.99	107.03	
1+160.00	107.03	106.53	
1+180.00	106.53	106.02	
1+200.00	106.02	105.54	
1+220.00	105.54	105.08	
1+240.00	105.08	104.69	
1+260.00	104.69	104.30	
1+280.00	104.30	103.97	
1+300.00	103.97	103.65	23.54
1+320.00	103.65	103.90	127.44
1+340.00	103.90	102.59	
1+360.00	102.59	102.81	
1+380.00	102.81	102.12	
1+400.00	102.12	101.62	
1+420.00	101.62	101.49	
1+440.00	101.49	101.41	
1+460.00	101.41	100.72	
1+480.00	100.72	99.97	
1+500.00	99.97	99.17	
1+520.00	99.17	98.71	
1+540.00	98.71	98.46	
1+560.00	98.46	97.87	
1+580.00	97.87	96.82	
1+600.00	96.82	94.87	
1+620.00	94.87	93.04	
1+640.00	93.04	91.76	
1+660.00	91.76	91.51	
1+680.00	91.51	91.12	
1+700.00	91.12	90.73	
1+720.00	90.73	90.31	
1+740.00	90.31	89.79	
1+760.00	89.79	89.54	126.16
1+780.00	89.54	89.93	36.23
1+800.00	89.93	88.71	
1+820.00	88.71	88.11	
1+840.00	88.11	87.82	
1+860.00	87.82	87.20	
1+880.00	87.20	86.14	
1+900.00	86.14	85.73	
1+920.00	85.73	85.00	
1+940.00	85.00	84.65	
1+960.00	84.65	84.86	
1+980.00	84.86	85.19	
2+000.00	85.19	84.99	
2+020.00	84.99	83.64	
2+040.00	83.64	81.97	125.44
2+060.00	81.97	81.22	43.47
2+080.00	81.22	81.98	
2+100.00	81.98	80.96	
2+120.00	80.96	80.18	
2+140.00	80.18	81.80	
2+160.00	81.80	81.37	
2+180.00	81.37	80.16	
2+200.00	80.16	78.73	
2+220.00	78.73	78.03	
2+240.00	78.03	78.34	
2+260.00	78.34	78.56	
2+280.00	78.56	77.79	
2+300.00	77.79	76.78	
2+320.00	76.78	75.90	
2+340.00	75.90	75.53	
2+360.00	75.53	75.24	
2+380.00	75.24	75.07	
2+400.00	75.07	74.94	
2+420.00	74.94	74.98	
2+440.00	74.98	75.14	
2+460.00	75.14	75.14	
2+480.00	75.14	75.36	124.66
2+500.00	75.36	75.26	48.91
2+520.00	75.26	74.06	
2+540.00	74.06	72.70	
2+560.00	72.70	71.31	
2+580.00	71.31	70.88	
2+600.00	70.88	71.00	
2+620.00	71.00	70.12	
2+640.00	70.12	68.89	
2+660.00	68.89	68.22	
2+680.00	68.22	66.99	
2+700.00	66.99	68.80	
2+720.00	68.80	69.03	
2+740.00	69.03	69.38	
2+760.00	69.38	69.12	
2+780.00	69.12	68.89	
2+800.00	68.89	68.30	
2+820.00	68.30	67.64	
2+840.00	67.64	67.20	
2+860.00	67.20	66.79	
2+880.00	66.79	66.42	
2+900.00	66.14	65.09	123.00
2+920.00	65.09	65.56	57.91
2+940.00	65.56	67.38	
2+960.00	67.38	68.85	
2+980.00	68.85	70.79	50.46
2+991.22	70.79	72.23	122.75

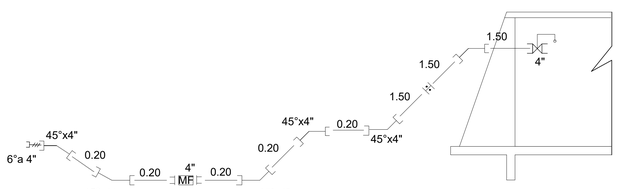
ESCALA HORIZONTAL 1 : 4000
ESCALA VERTICAL 1 : 400

DETALLE DE INSTALACION DE VALVULA DE ADMISION Y EXPULSION DE AIRE EN TERRENO ROCOSO (TUBERIA DE FoGo)



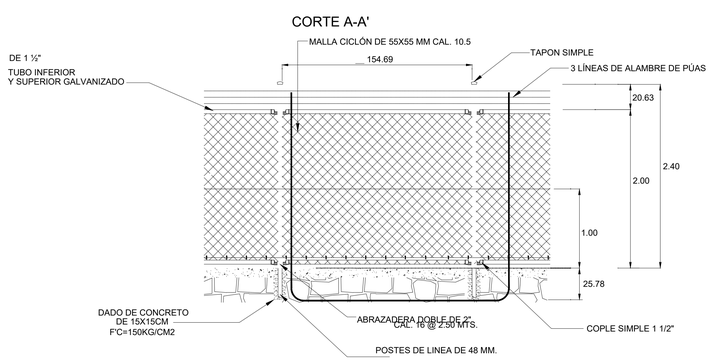
1. TEE DE FoGo CON ROSCA
2. NIPLE DE FoGo DE 20 CMS DE LONGITUD
3. TUERCA UNION DE FoGo
4. NIPLE DE FoGo DE 609 x 13 MM (1/2") Ø
5. VALVULA DE SECC. T/COMP C/R. DE 13 MM (1/2") Ø
6. NIPLE DE FoGo DE 200x13 MM (1/2") Ø
7. VALVULA DE ADM. Y EXP. DE AIRE C/R DE 13 MM (1/2") Ø
8. REDUCCION BUSHING DE FoGo

CONEXIONES DE LLEGADA A TANQUE EXISTENTE DE 120 M3. CAP.



Simbolo	LISTA DE PIEZAS ESPECIALES EN TANQUE SUP. DE EXISTENTE DE 230 M3. CAP.	Cant. / Unid.
	CODO REFORZADO DE Fo.Go. DE 45° X 100 mm (4")Ø	6 Pza(s)
	TUERCA UNION DE Fo.Go. DE 100 mm (4")Ø	2 "
	BRIDA DE FOFO DE 100 mm (4")Ø	2 "
MF	MEDIDOR DE GASTO TIPO PROPELA DE 100 mm (4")Ø	1 "
	EMPAQUE PLOMO DE 100 MM (4")Ø	2 "
	TORNILLOS C/CABEZA HEXAGONAL DE (5/8"X3")Ø	16 "
	VALV. DE FLOTADOR T/C C/R DE 100 mm (4")Ø	1 "
	NIPLE DE Fo Go DE 0.20 M X 100 MM (4")Ø	6 "
	NIPLE DE Fo Go DE 1.50 M X 100 MM (4")Ø	3 "
	REDUCCION BUSHING. DE Fo.Go. DE 150 A 100 MM (6" A 4")	1 "

DETALLE DE ENMALLADO EN CAPTACION



SIMBOLOGÍA
(LINEA DE CONDUCCION)

TUBERIA DE (6")Ø	
NUMERO DE CRUCERO	②
TANQUE SUPERFICIAL	
CAPTACION	
VALVULA EXPULSORA	
VALVULA DE DESFOGUE	
CADENAMIENTO	0+012.93
DEFLEXION	Δ=06°29'1"

H. AYUNTAMIENTO MUNICIPAL
2024 - 2027
MAPASTEPEC, CHIAPAS

C. ARMANDO ESPINOSA CRUZ	ING. ANTONIO GALVAN GARCIA
PRESIDENTE MUNICIPAL CONSTITUCIONAL	DIRECTOR DE OBRAS PUBLICAS

1/3	REHAB. DE LA LINEA DE CONDUCCION DEL SISTEMA DE AGUA POTABLE		H. AYUNTAMIENTO MPAL.
	SESECAPA	IX -ISTMO COSTA	H. AYUNTAMIENTO MPAL.
	MAPASTEPEC, CHIAPAS	JUNIO/2026	H. AYUNTAMIENTO MPAL.
	PERFIL DE LA LINEA DE CONDUCCION		INDICADA