

POZO	COTA DE TAPA (m)	COTA DE FONDO (m)	AL. RZ. (m)	ESTE_X	NORTE_Y
PZ-69	1156.512	1155.210	1.30	4891919.04	2182955.47
PZ-70	1149.849	1148.300	1.55	4891869.46	2183005.86
PZ-71	1146.045	1144.360	1.68	4891852.03	2183027.53
PZ-72	1139.920	1138.560	1.36	4891826.98	2183066.64
PZ-73	1136.941	1135.210	1.73	4891803.43	2183100.47
PZ-74	1136.511	1135.060	1.45	4891799.99	2183108.17
PZ-75	1135.689	1134.330	1.36	4891798.58	2183114.86
PZ-76	1134.392	1132.240	2.15	4891798.12	2183129.50
PZ-77	1131.687	1129.540	2.15	4891805.12	2183161.61
PZ-78	1127.504	1126.600	0.90	4891781.17	2183210.47
PZ-79	1123.948	1122.335	1.61	4891748.75	2183271.54
PZ-80	1121.904	1121.150	0.75	4891733.43	2183298.77
PZ-81	1118.707	1118.040	1.67	4891713.47	2183330.05
PZ-82	1117.482	1115.925	1.56	4891688.84	2183333.97
PZ-83	1114.874	1112.877	1.80	4891651.85	2183352.85
PZ-84	1111.727	1110.600	1.13	4891619.51	2183377.17
PZ-85	1109.594	1108.330	1.26	4891588.95	2183393.48
PZ-86	1106.947	1105.450	1.50	4891554.06	2183405.63
PZ-87	1100.438	1098.049	2.39	4891493.72	2183409.57
PZ-88	1098.995	1097.620	1.37	4891430.80	2183403.51
PZ-89	1098.156	1096.960	1.20	4891424.37	2183398.47
PZ-90	1094.325	1092.670	1.66	4891363.58	2183350.59
PZ-91	1093.657	1092.140	1.52	4891370.10	2183342.06
PZ-92	1092.169	1090.250	1.92	4891362.08	2183349.15
PZ-93	1086.549	1085.592	0.96	4891359.45	2183373.98
PZ-94	1083.832	1082.183	1.64	4891340.12	2183381.99
PZ-95	1082.895	1081.690	1.20	4891350.34	2183400.75
PZ-96	1081.655	1080.400	1.25	4891334.67	2183431.52
PZ-97	1080.035	1078.740	1.30	4891311.58	2183456.17
PZ-98	1077.996	1076.700	1.30	4891268.13	2183471.78
PZ-99	1077.419	1075.920	1.50	4891226.27	2183487.19
PZ-100	1075.392	1073.790	1.60	4891210.22	2183497.17
PZ-101	1071.166	1070.080	1.09	4891174.59	2183505.54
PZ-102	1065.821	1064.040	1.78	4891162.90	2183528.06
PZ-103	1054.405	1052.535	1.87	4891147.36	2183568.83
PZ-104	1046.308	1044.200	2.11	4891141.67	2183603.31
PZ-105	1040.175	1038.895	1.28	4891138.58	2183626.98
PZ-106	1152.576	1151.510	1.07	4891844.90	2182993.18
PZ-107	1152.911	1150.490	1.62	4891858.15	2182997.63
PZ-108	1149.302	1147.560	1.74	4891814.92	2183024.92
PZ-109	1146.012	1144.858	1.15	4891761.10	2183041.16
PZ-110	1145.954	1144.751	1.20	4891758.97	2183041.75
PZ-111	1141.433	1139.791	1.64	4891763.96	2183072.75
PZ-112	1116.074	1114.520	1.55	4891529.87	2183336.79
PZ-113	1109.353	1108.023	1.33	4891494.51	2183356.54
PZ-114	1108.334	1106.390	1.94	4891491.02	2183362.47
PZ-115	1100.536	1098.636	1.90	4891443.39	2183393.80
PZ-116	1182.865	1181.908	0.96	4891794.60	2182870.58
PZ-117	1158.197	1157.232	0.97	4891743.91	2182919.53
PZ-118	1143.608	1141.970	1.64	4891574.32	2182984.86

DETALLE DE TUBERIA

TUBERIA	DIAMETRO	PENDIENTE	LONGITUD PARCIAL	MATERIAL
PZ-69 - PZ-70	315.00 mm	9.775%	49.86 m.	200 mm Tuberia de PVC
PZ-70 - PZ-71	400.00 mm	14.166%	26.96 m.	200 mm Tuberia de PVC
PZ-71 - PZ-72	315.00 mm	12.481%	45.63 m.	200 mm Tuberia de PVC
PZ-72 - PZ-73	315.00 mm	8.125%	40.19 m.	200 mm Tuberia de PVC
PZ-73 - PZ-74	315.00 mm	2.250%	5.40 m.	200 mm Tuberia de PVC
PZ-74 - PZ-75	315.00 mm	8.294%	7.66 m.	200 mm Tuberia de PVC
PZ-75 - PZ-76	315.00 mm	14.272%	13.63 m.	200 mm Tuberia de PVC
PZ-76 - PZ-77	200.00 mm	8.214%	31.79 m.	200 mm Tuberia de PVC
PZ-77 - PZ-78	200.00 mm	4.473%	64.80 m.	200 mm Tuberia de PVC
PZ-78 - PZ-79	200.00 mm	6.304%	61.27 m.	200 mm Tuberia de PVC
PZ-79 - PZ-80	200.00 mm	3.909%	28.19 m.	200 mm Tuberia de PVC
PZ-80 - PZ-81	200.00 mm	10.171%	29.95 m.	200 mm Tuberia de PVC
PZ-81 - PZ-82	200.00 mm	7.473%	23.19 m.	200 mm Tuberia de PVC
PZ-82 - PZ-83	200.00 mm	7.210%	40.46 m.	200 mm Tuberia de PVC
PZ-83 - PZ-84	200.00 mm	5.628%	59.74 m.	200 mm Tuberia de PVC
PZ-84 - PZ-85	200.00 mm	4.358%	33.52 m.	200 mm Tuberia de PVC
PZ-85 - PZ-86	200.00 mm	5.794%	55.87 m.	200 mm Tuberia de PVC
PZ-86 - PZ-87	200.00 mm	7.060%	102.49 m.	200 mm Tuberia de PVC
PZ-87 - PZ-88	200.00 mm	2.041%	19.83 m.	200 mm Tuberia de PVC
PZ-88 - PZ-89	200.00 mm	0.893%	8.96 m.	200 mm Tuberia de PVC
PZ-89 - PZ-90	200.00 mm	4.420%	61.86 m.	200 mm Tuberia de PVC
PZ-90 - PZ-91	200.00 mm	5.322%	14.77 m.	200 mm Tuberia de PVC
PZ-91 - PZ-92	200.00 mm	17.940%	9.69 m.	200 mm Tuberia de PVC
PZ-92 - PZ-93	200.00 mm	18.441%	24.21 m.	200 mm Tuberia de PVC
PZ-93 - PZ-94	200.00 mm	12.862%	25.66 m.	200 mm Tuberia de PVC
PZ-94 - PZ-95	200.00 mm	5.734%	12.28 m.	200 mm Tuberia de PVC
PZ-95 - PZ-96	200.00 mm	5.733%	13.27 m.	200 mm Tuberia de PVC
PZ-96 - PZ-97	200.00 mm	4.913%	32.62 m.	200 mm Tuberia de PVC
PZ-97 - PZ-98	200.00 mm	4.420%	45.83 m.	200 mm Tuberia de PVC
PZ-98 - PZ-99	200.00 mm	1.749%	43.42 m.	200 mm Tuberia de PVC
PZ-99 - PZ-100	200.00 mm	11.234%	17.81 m.	200 mm Tuberia de PVC
PZ-100 - PZ-101	200.00 mm	10.134%	33.61 m.	200 mm Tuberia de PVC
PZ-101 - PZ-102	200.00 mm	23.413%	24.89 m.	200 mm Tuberia de PVC
PZ-102 - PZ-103	200.00 mm	26.364%	43.95 m.	200 mm Tuberia de PVC
PZ-103 - PZ-104	200.00 mm	23.694%	34.74 m.	200 mm Tuberia de PVC
PZ-104 - PZ-105	200.00 mm	22.911%	22.27 m.	200 mm Tuberia de PVC
PZ-106 - PZ-107	315.00 mm	10.710%	8.41 m.	200 mm Tuberia de PVC
PZ-107 - PZ-108	200.00 mm	11.749%	49.86 m.	200 mm Tuberia de PVC
PZ-108 - PZ-109	315.00 mm	4.629%	53.09 m.	200 mm Tuberia de PVC
PZ-109 - PZ-110	315.00 mm	0.308%	1.01 m.	200 mm Tuberia de PVC
PZ-110 - PZ-111	200.00 mm	12.457%	38.96 m.	200 mm Tuberia de PVC
PZ-111 - PZ-72	200.00 mm	13.522%	33.00 m.	200 mm Tuberia de PVC
PZ-112 - PZ-113	250.00 mm	10.040%	39.85 m.	200 mm Tuberia de PVC
PZ-113 - PZ-114	200.00 mm	23.750%	5.89 m.	200 mm Tuberia de PVC
PZ-114 - PZ-115	200.00 mm	13.466%	56.25 m.	200 mm Tuberia de PVC
PZ-115 - PZ-89	200.00 mm	7.228%	18.85 m.	200 mm Tuberia de PVC
PZ-116 - PZ-117	200.00 mm	4.430%	69.43 m.	200 mm Tuberia de PVC
PZ-117 - PZ-118	200.00 mm	13.531%	14.20 m.	200 mm Tuberia de PVC
PZ-118 - PZ-119	200.00 mm	6.010%	5.88 m.	200 mm Tuberia de PVC
PZ-119 - PZ-120	200.00 mm	9.733%	39.16 m.	200 mm Tuberia de PVC

TABLA DE POZOS

UTM-WGS 1984 datum, Zone 18 South, Meter; Cent. Meridian 75d W

POZO	COTA DE TAPA (m)	COTA DE FONDO (m)	AL. RZ. (m)	ESTE_X	NORTE_Y
PZ-119	1143.009	1141.490	1.52	4891567.28	2182984.79
PZ-120	1139.513	1137.980	1.53	4891537.40	2183011.68
PZ-121	1137.597	1135.920	1.68	4891511.14	2183037.19
PZ-123	1132.860	1131.210	1.65	4891451.09	2183098.13
PZ-124	1132.636	1130.140	2.50	4891445.59	2183101.41
PZ-125	1130.228	1128.550	1.68	4891427.42	2183127.96
PZ-126	1125.301	1123.990	1.31	4891412.20	2183170.82
PZ-127	1118.897	1117.327	1.57	4891377.99	2183188.30
PZ-128	1112.250	1109.550	2.70	4891342.62	2183216.18
PZ-129	1112.024	1108.774	3.25	4891300.91	2183264.83
PZ-130	1104.870	1103.813	1.06	4891336.02	2183296.14
PZ-131	1099.858	1097.808	2.05	4891360.32	2183317.75
PZ-132	1093.897	1092.967	0.93	4891359.17	2183337.94
PZ-25	1187.028	1185.513	1.52	4891791.39	2182798.58
PZ-26	1181.052	1159.520	1.53	4891791.17	2182824.38
PZ-27	1159.158	1156.678	1.48	4891712.53	2182852.17
PZ-28	1155.344	1153.561	1.78	4891680.35	2182879.55
PZ-29	1150.157	1148.225	1.93	4891641.36	2182905.87
PZ-30	1164.817	1162.927	1.89	4891892.01	2182917.12
PZ-30A	1165.913	1164.533	1.38	4891866.78	2182909.61
PZ-67	1161.743	1160.207	1.54	4891901.85	2182930.99
PZ-68	1157.995	1156.570	1.43	4891913.38	2182947.38
PZ-110	1156.753	1155.570	1.18	4891820.13	2182977.50
PZ-110A	1164.469	1163.087	1.38	4891873.76	2182922.76
PZ-133	1145.331	1144.452	1.48	4891843.10	2182945.28
PZ-134	1157.497	1155.965	1.53	4891734.56	2182919.21
PZ-194	1121.406	1119.769	1.64	4891566.88	2183332.59
PZ-194A	1122.516	1120.485	2.03	4891541.89	2183306.86
PZ-198	1122.355	1120.973	1.38	4891506.72	2183273.11
PZ-240	1166.000	1164.607	1.39	4891837.21	2182835.37
PZ-250	1166.941	1165.559	1.38	4891809.42	2182805.92
PZ-256	1168.884	1167.133	1.75	4891788.61	2182788.16
PZ-257	1173.852	1172.434	1.42	4891728.91	2182777.63
PZ-258	1175.807	1174.417	1.39	4891714.88	2182768.58
PZ-259	1181.470	1179.884	1.59	4891731.09	2182721.65
PZ-260	1184.530	1182.924	1.61	4891737.24	2182681.21
PZ-261	1185.484	1184.102	1.38	4891740.92	2182663.79

DETALLE DE TUBERIA

TUBERIA	DIAMETRO	PENDIENTE	LONGITUD PARCIAL	MATERIAL
PZ-126 - PZ-127	200.00 mm	5.627%	35.68 m.	200 mm Tuberia de PVC
PZ-127 - PZ-123	200.00 mm	5.565%	94.50 m.	200 mm Tuberia de PVC
PZ-123 - PZ-124	200.00 mm	17.949%	4.87 m.	200 mm Tuberia de PVC
PZ-124 - PZ-125	200.00 mm	6.907%	31.25 m.	200 mm Tuberia de PVC
PZ-125 - PZ-126	200.00 mm	10.027%	44.52 m.	200 mm Tuberia de PVC
PZ-126 - PZ-127	200.00 mm	17.502%	17.90 m.	200 mm Tuberia de PVC
PZ-127 - PZ-128	200.00 mm	17.290%	44.47 m.	200 mm Tuberia de PVC
PZ-128 - PZ-129	200.00 mm	1.231%	82.90 m.	200 mm Tuberia de PVC
PZ-129 - PZ-130	200.00 mm	10.335%	46.18 m.	200 mm Tuberia de PVC
PZ-130 - PZ-131	200.00 mm	10.464%	51.05 m.	200 mm Tuberia de PVC
PZ-131 - PZ-132	200.00 mm	23.946%	19.61 m.	200 mm Tuberia de PVC
PZ-132 - PZ-91	200.00 mm	7.000%	35.52 m.	200 mm Tuberia de PVC
PZ-25 - PZ-26	200.00 mm	12.543%	46.07 m.	200 mm Tuberia de PVC
PZ-26 - PZ-27	200.00 mm	6.407%	49.24 m.	200 mm Tuberia de PVC
PZ-27 - PZ-28	200.00 mm	7.503%	34.98 m.	200 mm Tuberia de PVC
PZ-28 - PZ-29	200.00 mm	8.404%	45.73 m.	200 mm Tuberia de PVC
PZ-29 - PZ-110	250.00 mm	7.903%	99.25 m.	200 mm Tuberia de PVC
PZ-66 - PZ-67	200.00 mm	15.992%	16.66 m.	200 mm Tuberia de PVC
PZ-30A - PZ-30	200.00 mm	14.262%	9.47 m.	200 mm Tuberia de PVC
PZ-67 - PZ-68	200.00 mm	16.652%	19.13 m.	200 mm Tuberia de PVC
PZ-68 - PZ-69	200.00 mm	16.921%	8.85 m.	200 mm Tuberia de PVC
PZ-133 - PZ-106	250.00 mm	12.081%	32.67 m.	200 mm Tuberia de PVC
PZ-133A - PZ-106	250.00 mm	9.463%	31.83 m.	200 mm Tuberia de PVC
PZ-133 - PZ-134	200.00 mm	4.648%	33.58 m.	200 mm Tuberia de PVC
PZ-134 - PZ-26	200.00 mm	5.997%	39.66 m.	200 mm Tuberia de PVC
PZ-194 - PZ-112	250.00 mm	14.093%	36.60 m.	200 mm Tuberia de PVC
PZ-194A - PZ-194	200.00 mm	2.048%	34.67 m.	200 mm Tuberia de PVC
PZ-198 - PZ-194A	200.00 mm	1.000%	47.63 m.	200 mm Tuberia de PVC
PZ-249 - PZ-111	200.00 mm	1.347%	10.35 m.	200 mm Tuberia de PVC
PZ-250 - PZ-249	200.00 mm	2.331%	39.20 m.	200 mm Tuberia de PVC
PZ-256 - PZ-25	200.00 mm	15.020%	9.72 m.	200 mm Tuberia de PVC
PZ-257 - PZ-256	200.00 mm	8.941%	61.44 m.	200 mm Tuberia de PVC
PZ-258 - PZ-257	200.00 mm	13.053%	14.01 m.	200 mm Tuberia de PVC
PZ-259 - PZ-258	200.00 mm	11.010%	48.77 m.	200 mm Tuberia de PVC
PZ-260 - PZ-259	200.00 mm	10.013%	30.02 m.	200 mm Tuberia de PVC
PZ-261 - PZ-260	200.00 mm	6.007%	26.49 m.	200 mm Tuberia de PVC

DEPARTAMENTO DE BOYACA	MUNICIPIO DE PAUNA	ALCALDE: JULIO RAMIRO PEÑA RAMIREZ	PROYECTO: CONSTRUCCIÓN DE SISTEMAS DE ALCANTARILLADO SANITARIO Y PLUVIAL EN EL BARRIO CENTRO Y EL BARRIO EL TOPO DEL MUNICIPIO DE PAUNA	CONTRATISTA: ING. FABIAN SUAREZ MARTINEZ	SUPERVISOR: ING. TATIANA PAOLA HERNÁNDEZ Secretario de Planeación

SUPERVISOR: ING. LUIS ELADIO CUELLAR JIMENEZ Jefe de la Unidad de Servicios Públicos	SUPERVISOR EPB: ING. JORGE CORTES CASTRO Subdirector de proyectos	PROFESIONAL DE APOYO HIDRAULICO - EPB: ING. ZULMA ALEJANDRA BARRERA T.P 15237-295778BYC	CONTIENE: VISTA GENERAL SISTEMA DE ALCANTARILLADO SANITARIO Y PLUVIAL OPTIMIZADO MUNICIPIO DE PAUNA

CONVENCIONES:
- Sumideros
- Tuberia PVC a sumidero
- Tuberia PVC 400 mm (16")
- Tuberia PVC 315 mm (12")
- Tuberia PVC 900 mm (36")
- Pozo proyectado
- Pozo existente
- Poste

ESCALA:	
1 : 1600	
FECHA: ENERO 2026	PLANO: 1 DE 1