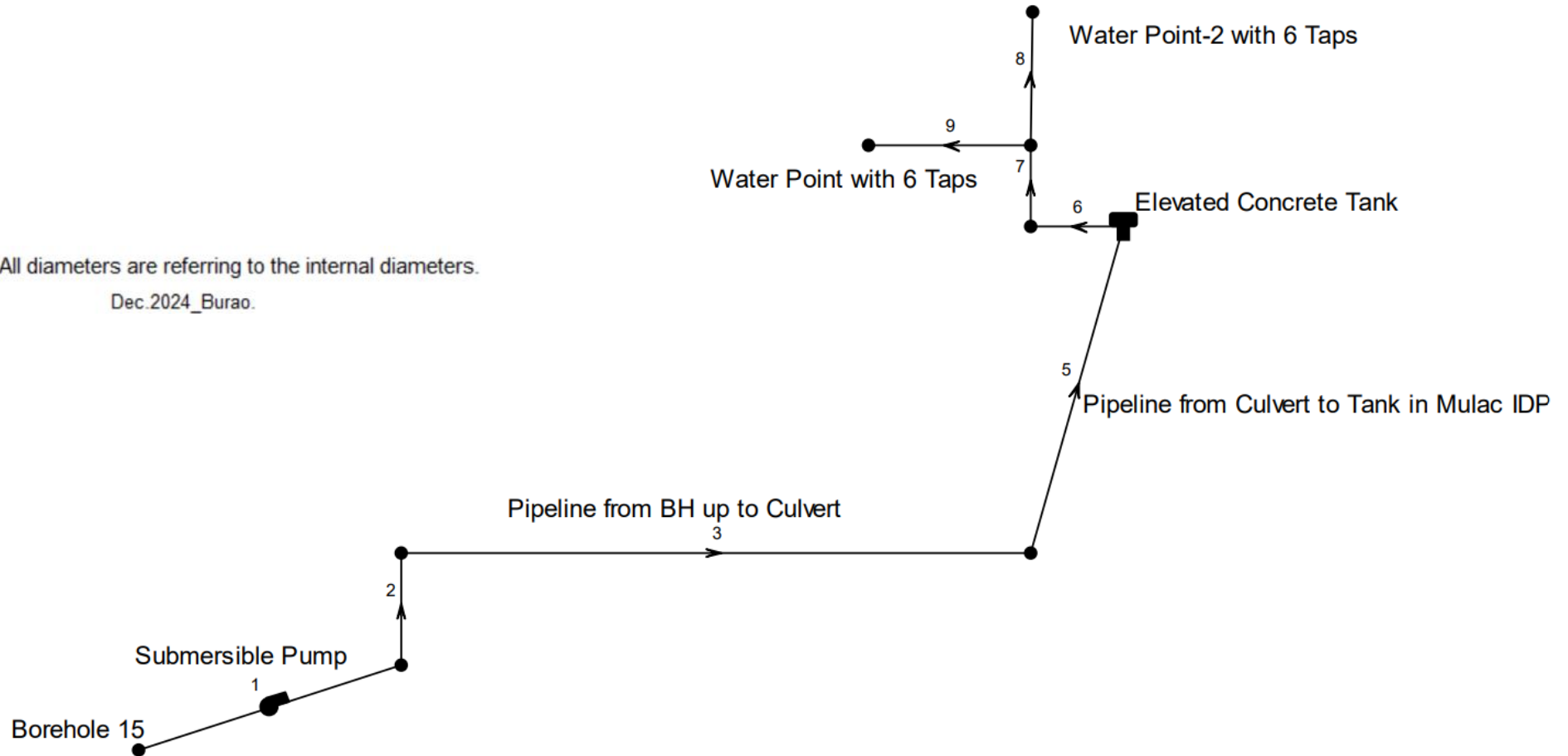


MULAC IDP CAMP, Burao Water Connection Layout.



Water Connection in Mulac IDP Camp, Burao - World Vision Somaliland - Funded by BHA.

Note: All diameters are referring to the internal diameters.
Dec.2024_Burao.



Water Connection in Mulac IDP Camp, Burao - World Vision Somaliland - Funded by BHA.

Network Table - Links

Link ID	Length m	Diameter mm	Roughness	Flow LPS	Velocity m/s	Unit Headloss m/km	Friction Factor
Pipe 2	150	75	140	7.20	1.63	36.71	0.020
Pipe 3	2720	75	140	7.20	1.63	36.71	0.020
Pipe 5	2045	75	140	7.20	1.63	36.71	0.020
Pipe 6	15	50	140	1.50	0.76	14.49	0.024
Pipe 7	70	50	140	1.50	0.76	14.48	0.024
Pipe 8	68	37.5	140	0.75	0.68	16.29	0.026
Pipe 9	135	37.5	140	0.75	0.68	16.29	0.026
Pump 1	#N/A	#N/A	#N/A	7.20	0.00	-39.23	0.000

Water Connection in Mulac IDP Camp, Burao - World Vision Somaliland - Funded by BHA.

Network Table - Nodes

Node ID	Elevation m	Base Demand LPS	Demand LPS	Head m	Pressure m
Junc 1	900	-7.2	-7.20	1158.19	258.19
Junc 2	1026	0	0.00	1197.42	171.42
Junc 3	1026	0	0.00	1191.91	165.91
Junc 4	1016	0	0.00	1092.07	76.07
Junc 5	1009	0.75	0.75	1013.57	4.57
Junc 6	1010	0	0.00	1016.78	6.78
Junc 8	1009	0.75	0.75	1014.66	5.66
Junc 9	1010	0	0.00	1015.77	5.77
Tank 7	1016	#N/A	5.70	1017.00	1.00