

NOTES:

1- MINIMUM PIPE COVER:

DN (mm)	COVER (m)
150	0.45
200	0.60
250	0.75
300	0.90
350	1.05
400	1.20
450	1.35
500	1.50

2- MINIMUM PIPE COVER AT CHAMBERS LOCATIONS:

DN (mm)	VALVE	ARY	W/O
150	1.10	1.10	1.10
200	1.10	1.10	1.10
250	1.10	1.10	1.10
300	1.10	1.10	1.10
350	1.10	1.10	1.10
400	1.10	1.10	1.10
450	1.10	1.10	1.10
500	1.10	1.10	1.10

3- AIR VALVES WILL BE PROVIDED AT HIGH POINTS AND WASHOUT VALVES AT LOW POINTS.

4- FINAL LOCATION OF CHAMBERS AND PIPES TO BE CONFIRMED ON SITE AND SHALL BE APPROVED BY THE ENGINEER.

5- ALL LEVELS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO THE INSTALLATION PHASE AND SHALL BE REPORTED TO THE ENGINEER FOR APPROVAL.

6- FOR PIPE DIAMETER LESS OR EQUAL TO 300mm, THE VALVES MUST BE TYPE GATE VALVE AND BUTTERFLY VALVE OTHERWISE.

7- PIPES DIAMETERS LESS OR EQUAL TO 300mm SHALL BE POLYETHYLENE PIPES (PE) AND DUCTILE IRON (DI) OTHERWISE.

8- DI PIPES SHALL BE SOCKET/SPIGOT PIPES K8 AS PER IS20331 AND BS4772.

9- FITTINGS FOR DI PIPES SHALL BE K14 FOR TEES AND K12 FOR OTHER FITTINGS ACCORDING TO IS20331 AND BS4772.

10- ALL FLANGED VALVES AND FITTINGS SHALL BE DREADED TO PN16 OR OTHERWISE MENTIONED.

11- ALL POLYETHYLENE PIPES SHALL BE PE100 OR PE80 WITH MINIMUM RATING PRESSURE PN10 OR OTHER MENTIONED.

12- PROPOSED PIPELINE SHALL BE CHECKED AND CONFIRMED BY THE DESIGNER PRIOR TO THE INSTALLATION TO ASSURE THE FOLLOWING:

a- PIPELINE SHALL BE INSTALLED INSIDE PUBLIC LANDS.

b- PROPOSED PIPELINE SHALL NOT INTERFERE WITH ANY OF THE EXISTING FACILITIES.

c- ALL CHAMBERS AND PIPES SHALL BE INSTALLED INSIDE PUBLIC LANDS.

d- ALL CHAMBERS AND PIPES SHALL BE INSTALLED INSIDE PUBLIC LANDS.

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bl- ALL CHAMBERS AND PIPES SHALL BE INSTALLED INSIDE PUBLIC LANDS.

TABLE OF STAKE COORDINATES

STAKE N°	E-Easting	N-Northing	Z-Elevation
2	-320296.660	-59812.271	1026.910
3	-320303.662	-59818.962	1027.210
4	-320303.233	-59836.960	1026.860
5	-320303.024	-59841.059	1026.370
6	-320304.291	-59844.096	1026.860
7	-320304.173	-59855.446	1030.720
8	-320304.990	-59863.000	1031.760
9	-320304.359	-59869.446	1032.760
26	-320415.837	-60012.138	1033.060
28	-320415.837	-60012.138	1033.060
29	-320415.837	-60012.138	1033.060
30	-320415.837	-60012.138	1033.060
31	-320415.837	-60012.138	1033.060
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146	-320415.837	-60012.138	1033.