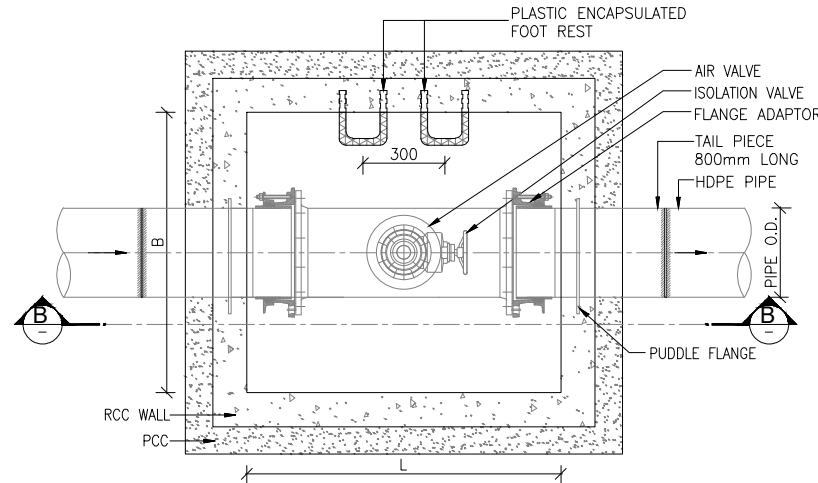
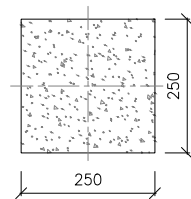


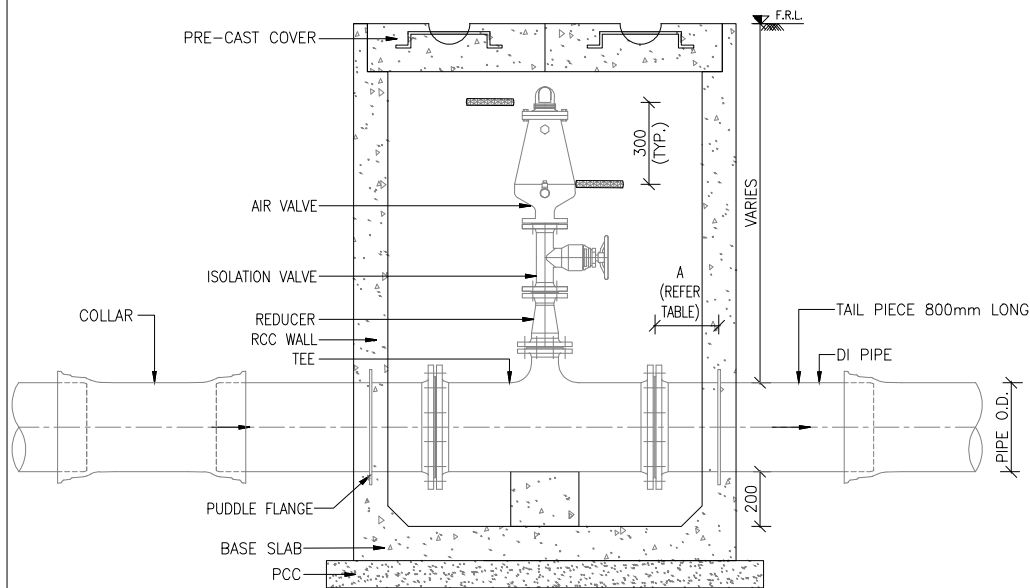
AIR VALVE CHAMBER PLAN FOR DI PIPE
SCALE 1:20 on A1



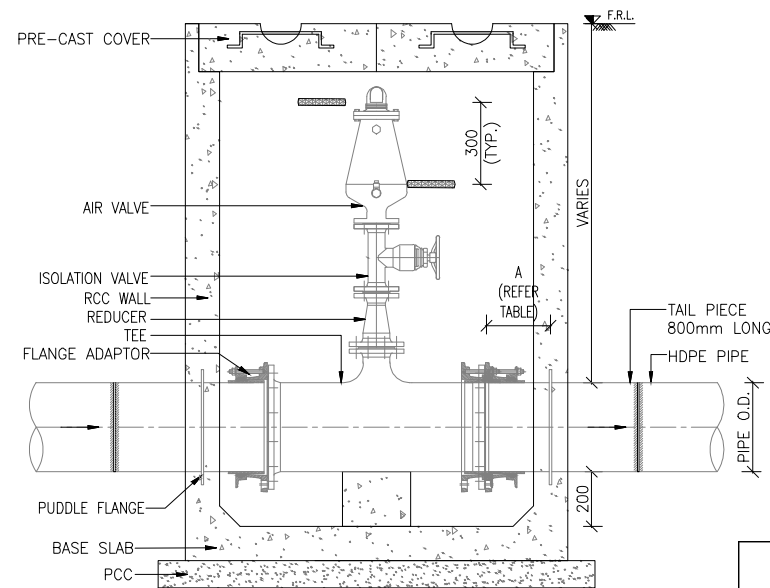
AIR VALVE CHAMBER PLAN FOR HDPE PIPE
SCALE 1:20 on A1



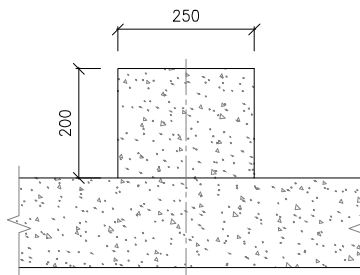
TYP. PEDESTAL PLAN
SCALE 1:10 on A1



SECTION A-A
SCALE 1:20 on A1

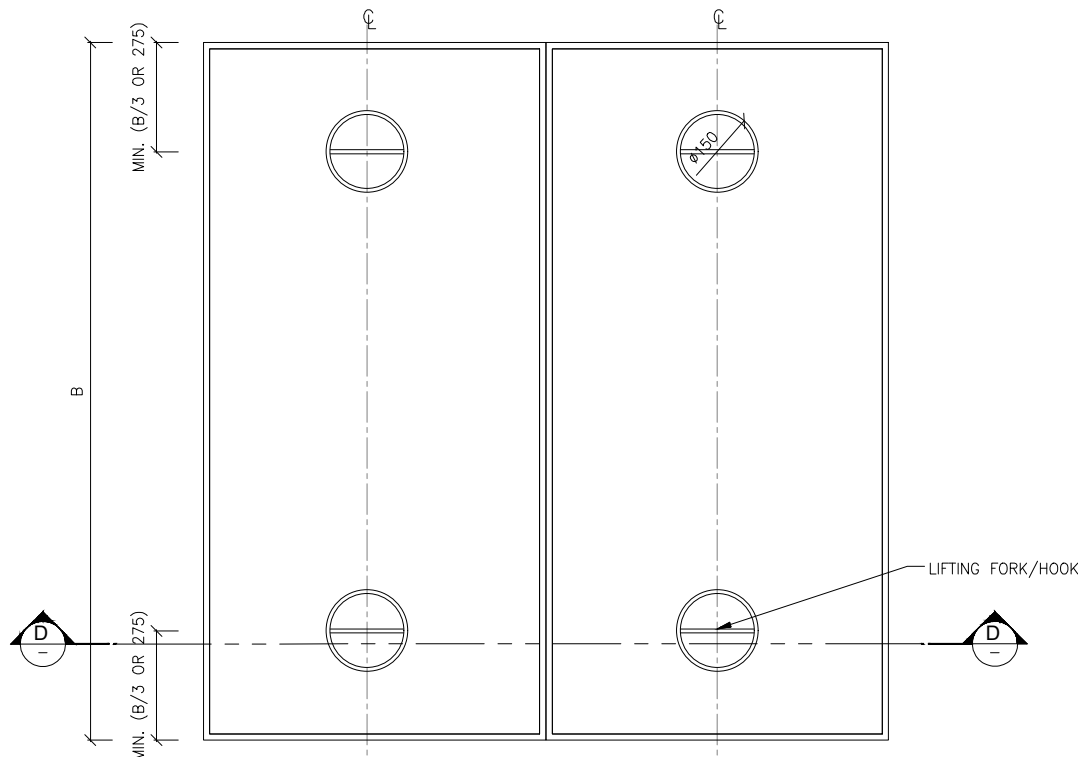


SECTION B-B
SCALE 1:20 on A1

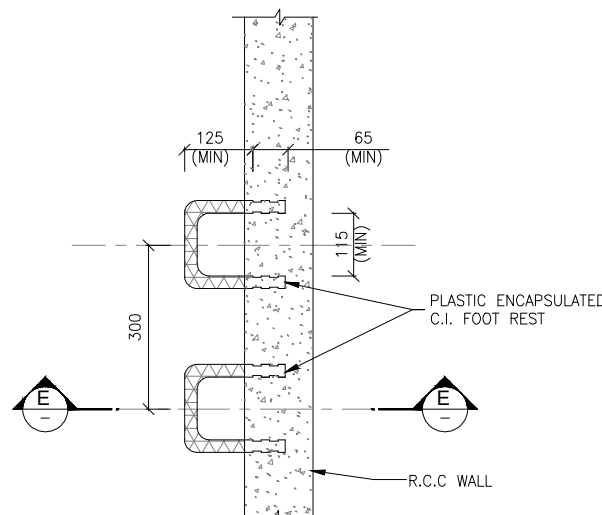


TYP. PEDESTAL CROSS SECTION
SCALE 1:10 on A1

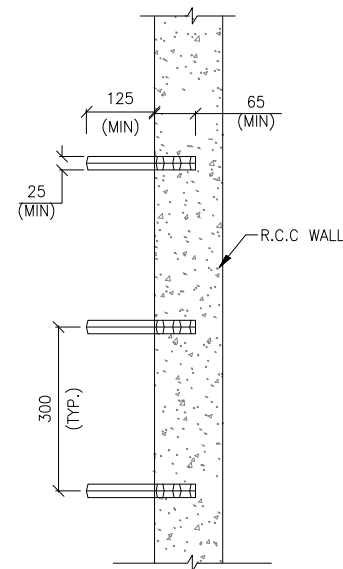
Sr.No	AIR VALV SIZE	PIPE DIAMETER (mm)	PIPE MATERIAL	CHAMBER SIZE (mmXmm)	COVER SIZE (mmXmm)	NO OF COVER	LENGTH OF FLANGE TO PUDDLE A (mm)
1	50 mm	90	HDPE	750x750	890x890	1	267
2		110	HDPE	750x750	890x890	1	267
3		125	HDPE	750x750	890x890	1	247
4		140	HDPE	750x750	890x890	1	227
5		150	DI	750x750	890x890	1	227
6		160	HDPE	750x750	890x890	1	227
7		180	HDPE	900x900	520x1040	2	262
8		200	DI/HDPE	900x900	520x1040	2	262
9	80 mm	225	HDPE	1100X900	620x1040	2	272
10		250	DI/HDPE	1100X900	620x1040	2	272
11		280	DI	1100X900	620x1040	2	222
12		300	DI	1100X900	620x1040	2	297
13	100 mm	350	DI	1300X900	720x1240	2	272
14		400	DI	1300X900	720x1240	2	247
15		450	DI	1300X1100	720x1240	2	222
16	150 mm	500	DI	1300X1100	720x1240	2	272
17		600	DI	1500X1100	820x1440	2	497
18		700	DI	1500X1100	820x1440	2	487
19		750	DI	1500X1100	820x1440	2	477



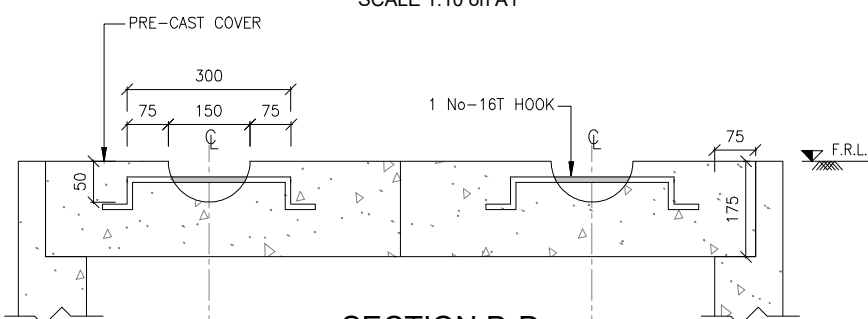
COVER DETAIL
SCALE 1:10 on A1



PLAN DETAIL OF CI RUNGS
SCALE 1:10 on A1



SECTION E-E
SCALE 1:10 on A1



SECTION D-D
SCALE 1:10 on A1

SR NO.	VALVES / FITTINGS	MATERIAL	DIMENSIONAL STANDARD	DRILLING STANDARD
1	Air Valve (50mm Dia)	DI-K12	IS 14845	BS EN 1092-1 PN 16
2	Air Valve (Above 50mm Dia)	DI-K12	IS 14845	IS 9523
3	Isolation Valve (50mm Dia)	DI-K12	IS 14846	BS EN 1092-1 PN 16
4	Isolation Valve (Above 50mm Dia)	DI-K12	IS 14846	IS 9523
5	All Flanged Tee	DI-K12	IS 9523	IS 9523
6	DI Tail piece with Puddle Flange	DI-K9	IS 8329	IS 9523
7	DI Flanged Reducer	DI-K12	IS 9523, Table 30	IS 9523
8	Collar for DI pipe	DI-K12	IS 9523, Table 22	-


ABBREVIATION

DI	DUCTILE IRON
DJ	DISMANTLING JOINT
F.R.L	FINISHED ROAD LEVEL
HDPE	HIGH DENSITY POLYETHYLENE PIPE
MIN	MINIMUM
PCC	PLAIN CEMENT CONCRETE
PVC	POLYVINYL CHLORIDE
RCC	REINFORCEMENT CEMENT CONCRETE

NOTES:

- DO NOT SCALE FROM THE DRAWINGS.
- ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE STATED.
- ALL DIMENSIONS TO BE VERIFIED ON SITE & APPROVED BY ENGINEER.
- FOR STRUCTURAL DIMENSIONS PLEASE REFER DETAIL STRUCTURAL DRAWINGS.
- FOR VALVE CHAMBER ON DI PIPE ACROSS DISTRIBUTION NETWORK, ONE AND WILL BE FLANGED AND OTHER SPIGOT / SOCKET AS PER FLOW DIRECTION.

FOR TENDER

CLIENT			
 MAHARASHTRA INDUSTRIAL TOWNSHIP LTD (MITL)			
PROJECT			
DESIGN, CONSTRUCTION, TESTING, COMMISSIONING AND OPERATION & MAINTENANCE OF INFRASTRUCTURE WORKS AT DIGHI PORT INDUSTRIAL AREA (DPIA)- PHASE 1 UNDER DELHI MUMBAI INDUSTRIAL CORRIDOR (DMIC) ON EPC BASIS			
TITLE			
GA DETAILS FOR AIR VALVE CHAMBERS			
PROJECT CODE: DI1628	STATUS: ISSUED FOR TENDER	DATE: 18.12.2024	
SHEET NO: 01	SCALE: NTS	DWG SIZE: A2	REV NO: R0
DRAWING NO:			
MITL-DPIA-PKG1-SW-12			