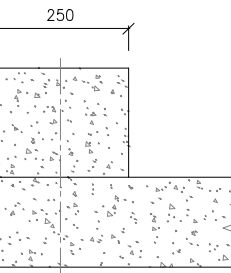
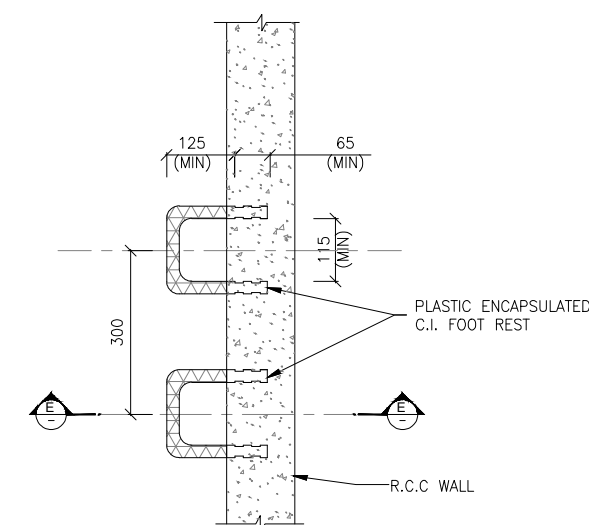


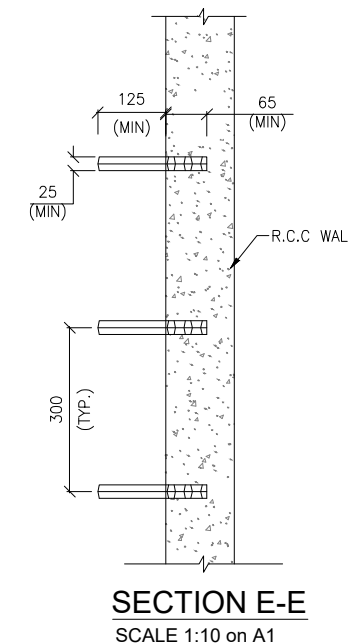
TYP. PEDESTAL PLAN
SCALE 1:10 on A1



TYP. PEDESTAL CROSS SECTION
SCALE 1:10 on A1



PLAN DETAIL OF CI RUNGS
SCALE 1:10 on A1



SECTION E-E
SCALE 1:10 on A1

Sr.No	AIR VALV SIZE (mm)	Sluice Valve Size (mm)	CHAMBER SIZE (mmXmm)	COVER SIZE (mmXmm)	NO OF COVER	Remark	LENGTH OF FLANGE TO PUDDLE for DI "A" (mm)	LENGTH OF FLANGE TO PUDDLE for HDPE "B" (mm)
1	100	90	750x750	890x890	1	For all Chambers	234	209
2	150	110	900x900	520x1040	2	For all Chambers	290	265
3	200	125	900x900	520x1040	2	For all Chambers	277.5	252.5
4	500	140	1100x1100	620x1240	2	For all Chambers	242	

SR NO.	VALVES / FITTINGS	MATERIAL	DIMENSIONAL STANDARD	DRILLING STANDARD
1	Scour Valve (Sluice Valve)	DI-K12	IS 14846	IS 9523
2	Dismantling Joint	DI-K12	As per Manufacturer Standard	IS 9523
3	Flanged Adapter	DI-K12	As per Manufacturer Standard	-
4	DI Tail piece with Puddle Flange	DI-K9	IS 8329	IS 9523
5	HDPE tail pipe with Puddle Flange	HDPE (PE-100)	IS 8008 Part-7 (For OD of Puddle flange)	-

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 SPOOT / 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 SLUICE 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-11