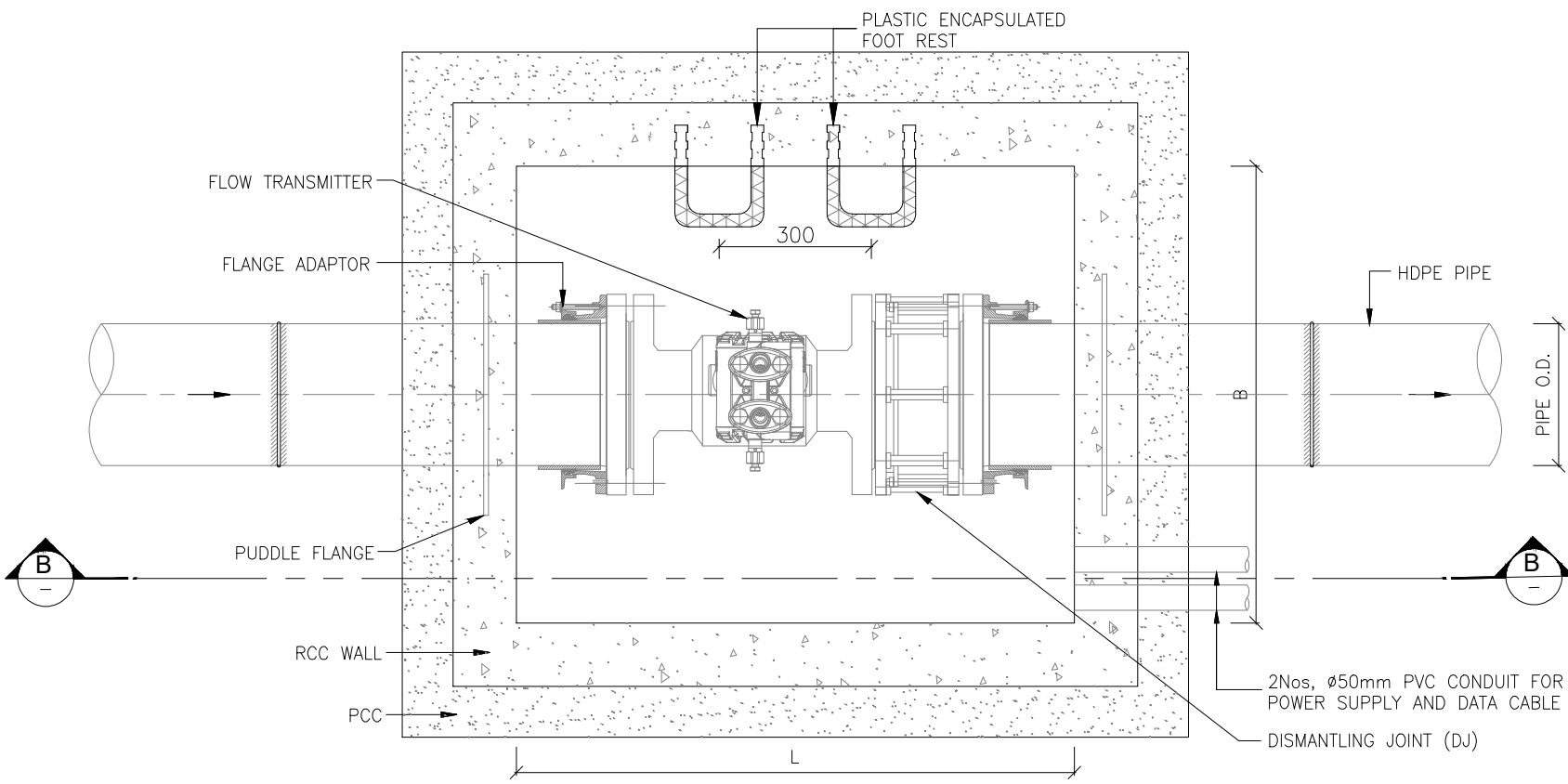
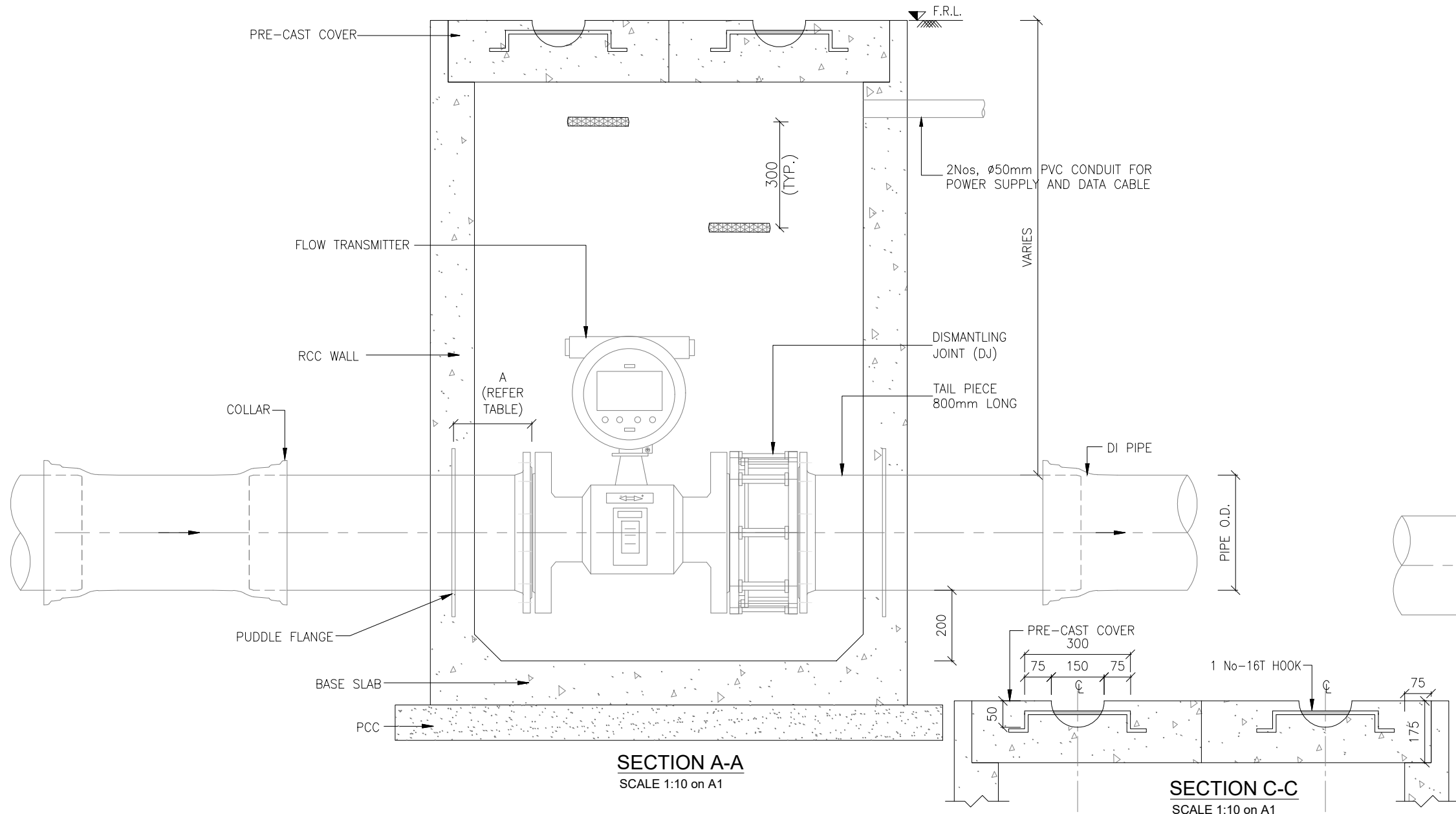


BULK FLOW METER / FLOW TRANSMITTER CHAMBER PLAN FOR DI PIPE
SCALE 1:10 on A1

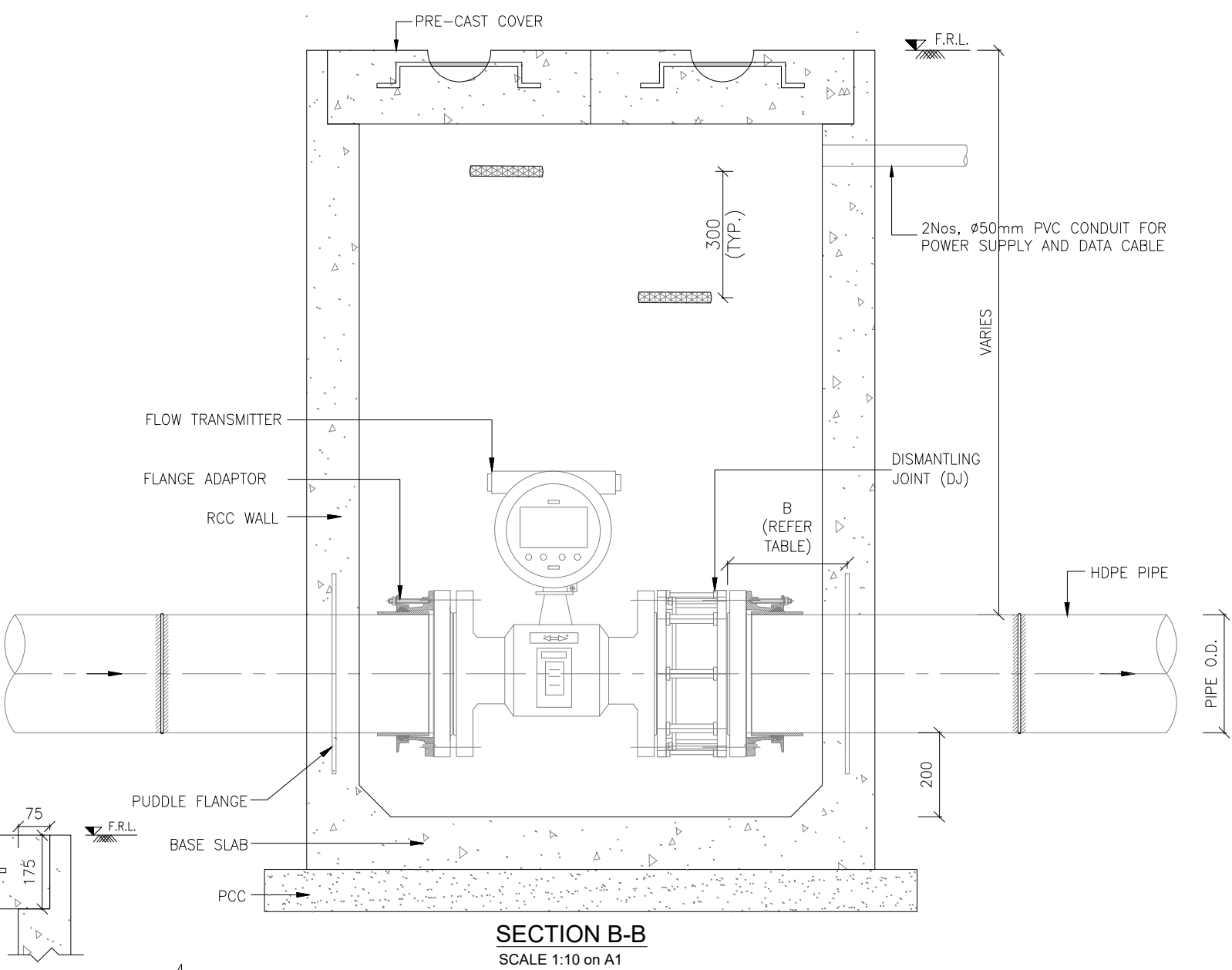


BULK FLOW METER / FLOW TRANSMITTER CHAMBER PLAN FOR HDPE PIPE
SCALE 1:10 on A1



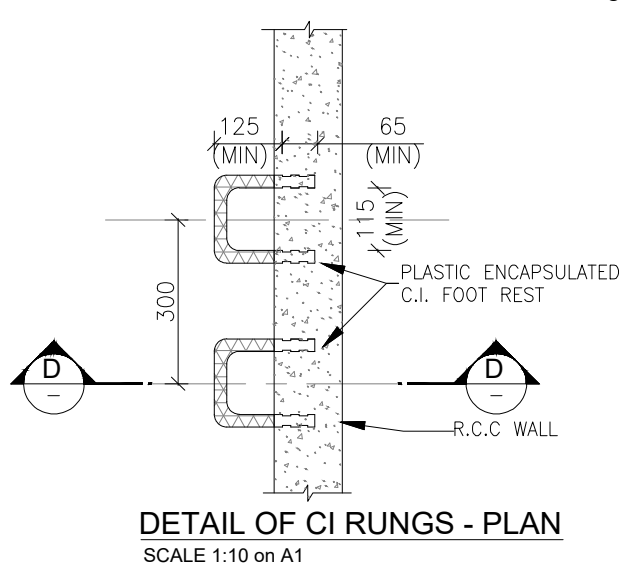
SECTION A-A
SCALE 1:10 on A1

SECTION C-C
SCALE 1:10 on A1

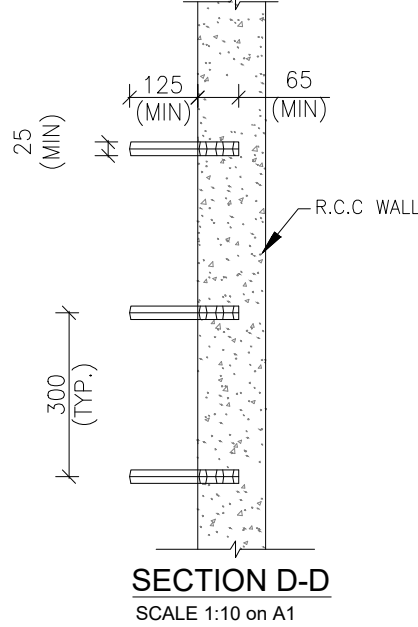


SECTION B-B
SCALE 1:10 on A1

SR NO.	VALVES / FITTINGS	MATERIAL	DIMENSIONAL STANDARD	DRILLING STANDARD
1	Bulk Flow Meter/ Flow Transmitter	-	As per Manufacturer Standard	As per Manufacturer Standard
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)	-
6	Collar for DI pipe	DI-K12	IS 9523, Table 22	-



DETAIL OF CI RUNGS - PLAN
SCALE 1:10 on A1



SECTION D-D
SCALE 1:10 on A1

Sr No.	Pipe Diameter	Pipe Material	Flowmet er Size	Length X Width (mmXmm)	Chamber Size (mmXmm)	Cover Size (mmXmm)	No. of Cover	Length of Flange to Puddle "A" (mm)	Length of DJ (mm)
1	90 mm	HDPE	100 mm	250X250	900x900	520x1040	1	273.5	194
2	110 mm	HDPE	100 mm	250X250	900x900	520x1040	1	273.5	194
3	125 mm	HDPE	125 mm	250X250	900x900	520x1040	1	273.5	194
4	140 mm	HDPE	150 mm	300X285	900x900	520x1040	1	248.5	194
5	150 mm	DI	150 mm	300X285	900x900	520x1040	1	273.5	194
6	160 mm	HDPE	150 mm	300X285	900x900	520x1040	2	248.5	194
7	180 mm	HDPE	200 mm	350X340	900x900	520x1040	2	223.5	194
8	200 mm	DI	200 mm	350X340	900x900	520x1040	2	248.5	194
9	200 mm	HDPE	200 mm	350X395	900x900	520x1040	2	223.5	194
10	225 mm	HDPE	200 mm	350X395	900x900	520x1040	2	223.5	194
11	250 mm	DI	250 mm	450X395	1100x900	720x1240	2	298.5	194
12	250 mm	HDPE	250 mm	450X395	1100x900	720x1240	2	273.5	194
13	280 mm	HDPE	250 mm	450X395	1100x900	720x1240	2	273.5	194
14	300 mm	DI	300 mm	500X445	1100x900	720x1240	2	273.5	194
15	350 mm	DI	350 mm	550X505	1300x900	720x1040	2	298.0	295
16	400 mm	DI	400 mm	600X565	1300x900	720x1040	2	273.0	295
17	450 mm	DI	450 mm	650X615	1300x1100	720x1240	2	245.5	300
18	500 mm	DI	500 mm	700X665	1300x1100	720x1240	2	220.5	300
19	600 mm	DI	600 mm	800X740	1600x1100	575x1240	3	320.5	300
20	700 mm	DI	700 mm	900X790	1600x1400	430x1540	3	270.5	300
21	750 mm	DI	750 mm	950X820	1600x1400	430x1540	3	245.5	300
22	800 mm	DI	800 mm	1000X850	1600x1400	430x1540	3	220.5	300

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 BULK FLOW METER / FLOW TRANSMITTER CHAMBER (SHEET 1 OF 1)

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-16