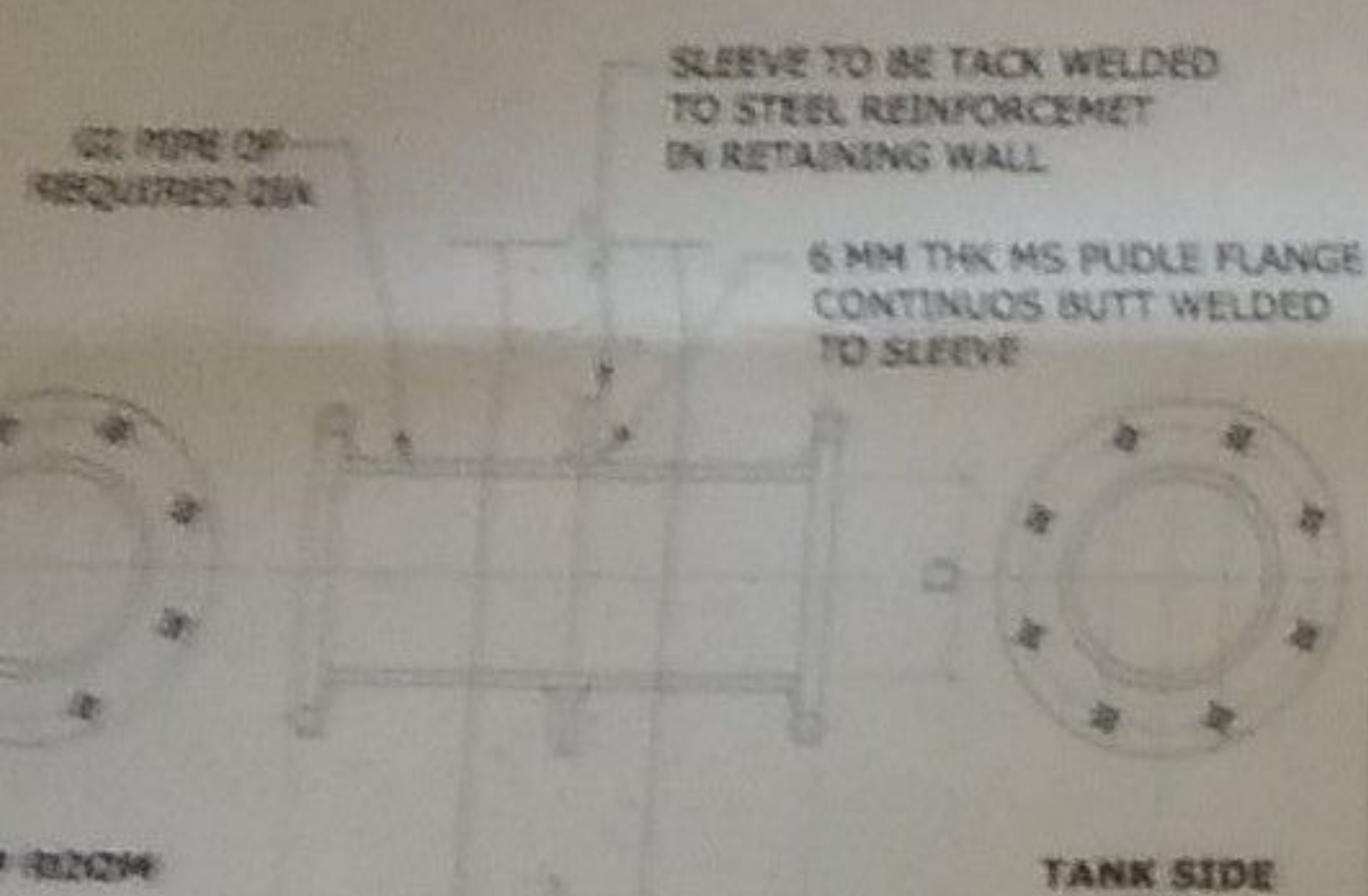


NOTES: (PLUMBING)

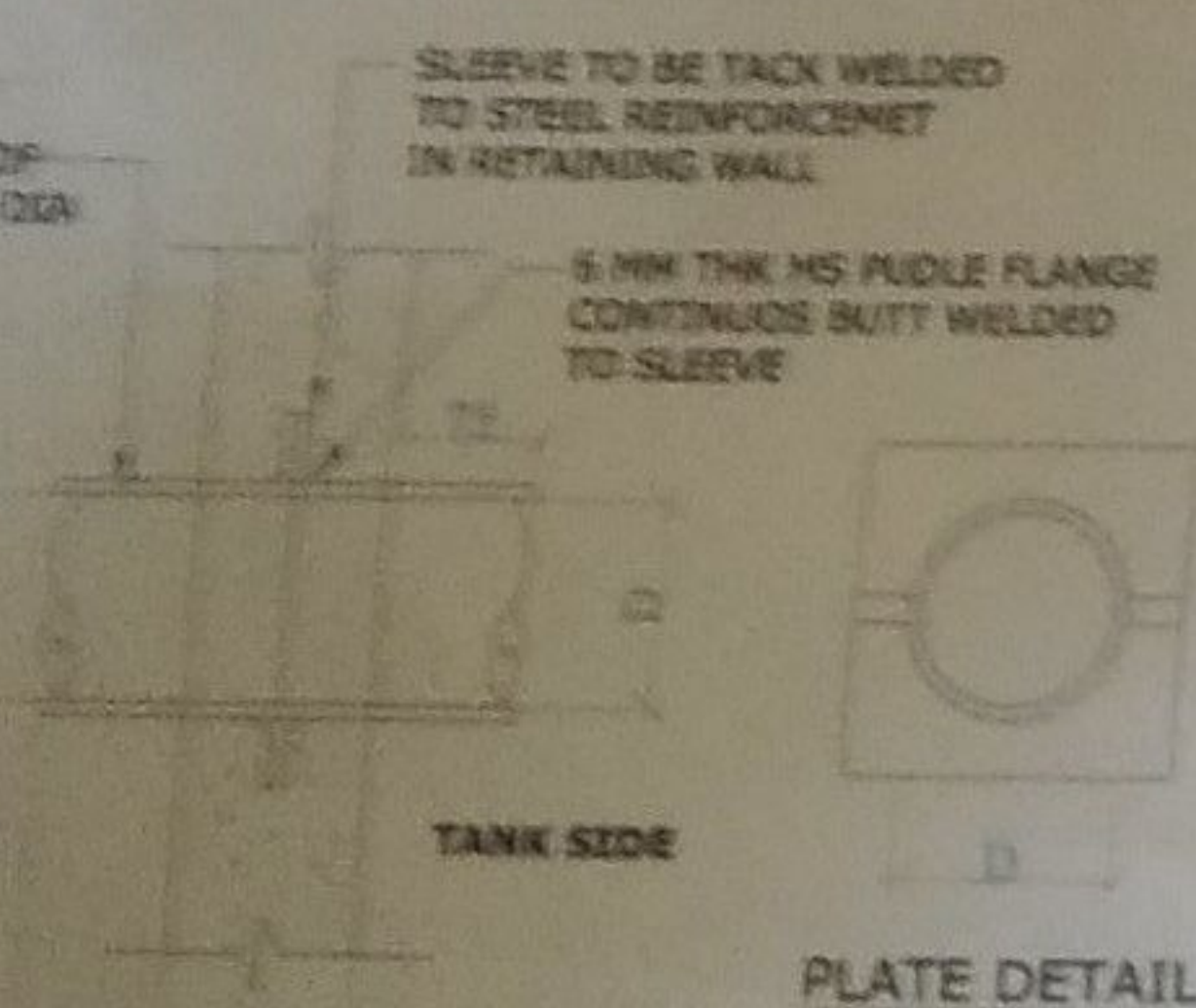
- ALL THE DIMENSIONS ARE IN M.M. (UNLESS SPECIFIED)
- THE TANKS PLANKS, SLEEVES ARE TO BE PROVIDED DURING EXECUTION OF CIVIL WORKS OF TANKS & PUMP HOUSE.
- UP TO 150MM DIA PIPE, 6.3 PIPE FLANGED / THREADED SLEEVES (CLASS 'C' - HEAVY) WITH ALL FLANGE PLATE WILL BE HOT DIPPED GALVANIZED AFTER FABRICATION AND PAINTING WITH TWO COATS OF ANTI CORROSIVE PAINT OVER PRIMER BEFORE PLACING IN RCC.
- FOR 200 MM DIA & ABOVE PIPE, M.S. PIPE FLANGED SLEEVES (CLASS 'C' - HEAVY) WITH ALL FLANGE PLATE WILL BE HOT DIPPED GALVANIZED AFTER FABRICATION AND PAINTING WITH TWO COATS OF ANTI CORROSIVE PAINT OVER PRIMER BEFORE PLACING IN RCC.
- THE SLEEVES SHOULD BE TACK WELDED TO THE REINFORCEMENT OF RCC RETAINING WALL AT PROPER POSITION AND LEVEL.
- THE CIVIL WORK FOR FOUNDATION OF PUMPS & EQUIPMENT SHALL BE DONE INSIDE PUMP ROOM AS PER REQUIREMENT & MANUFACTURERS SPECIFICATION.
- THE CONTRACTOR HAS TO PREPARE SHOP DRAWING FOR ALL PUMPS & EQUIPMENT AND GET IT APPROVED BEFORE STARTING THE WORK.
- THE PUMP ROOM FLOOR SHOULD SLOPE TOWARD DRAIN.
- ALL MH COVERS SHOULD BE HEAVY DUTY, DOUBLE SEAL TYPE IN DUCTILE IRON / CAST IRON.

NO. OF HOLES EQUALLY SPACED DRILLING AS PER IS: 9523

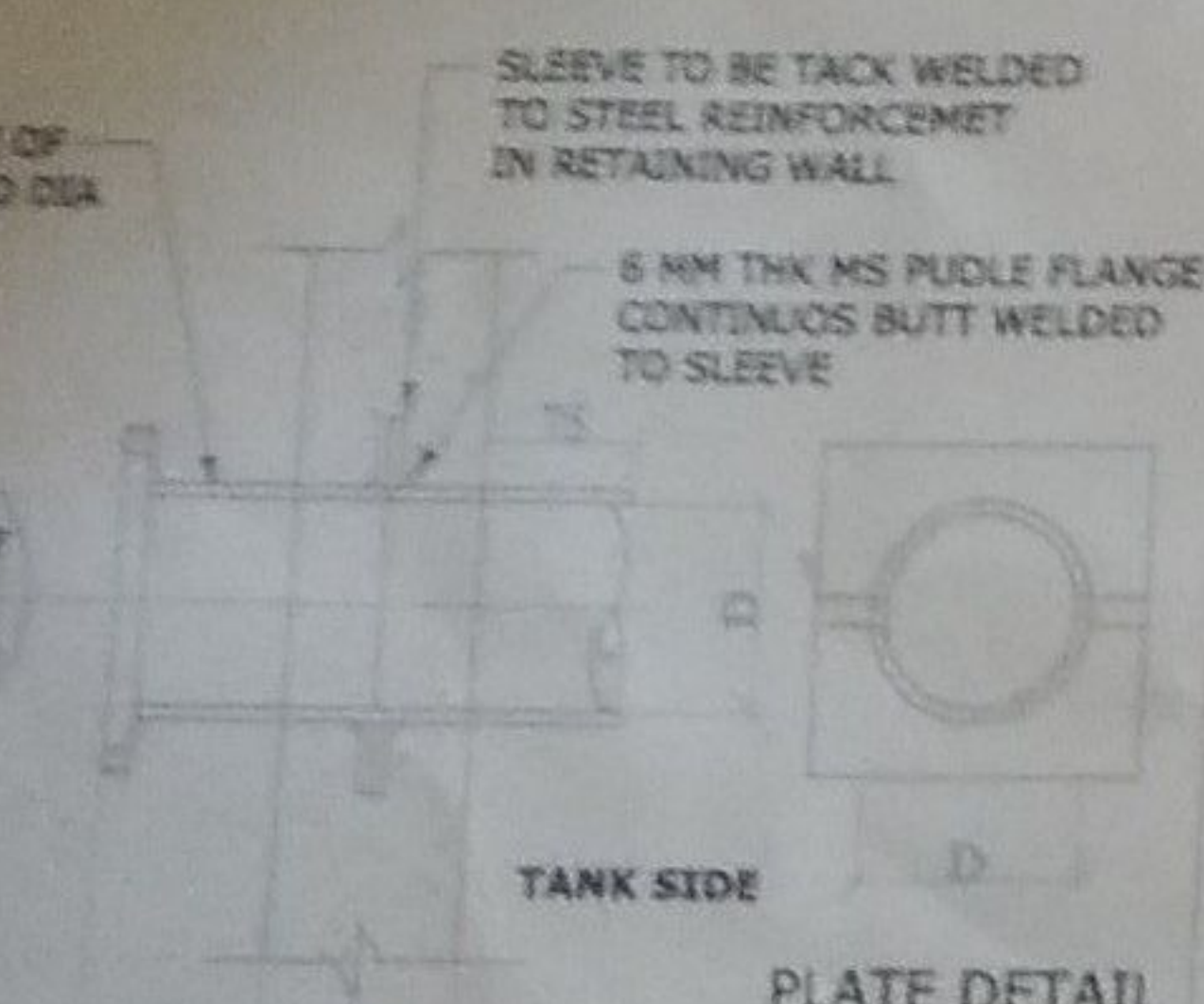
DETAIL - 'C'
SCALE=NTS



SLEEVES DETAIL
(FOR SLEEVE 3/4/13)

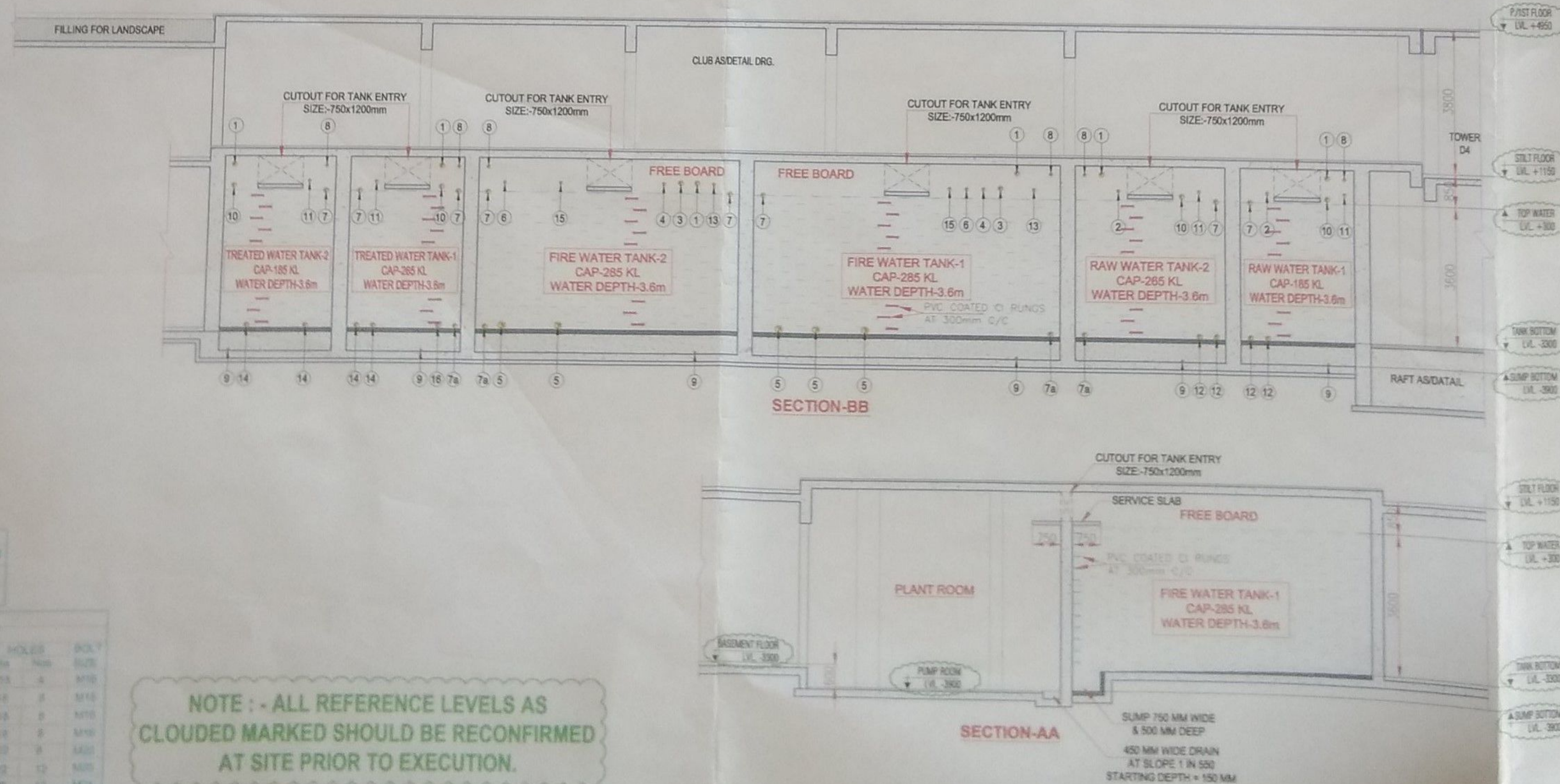
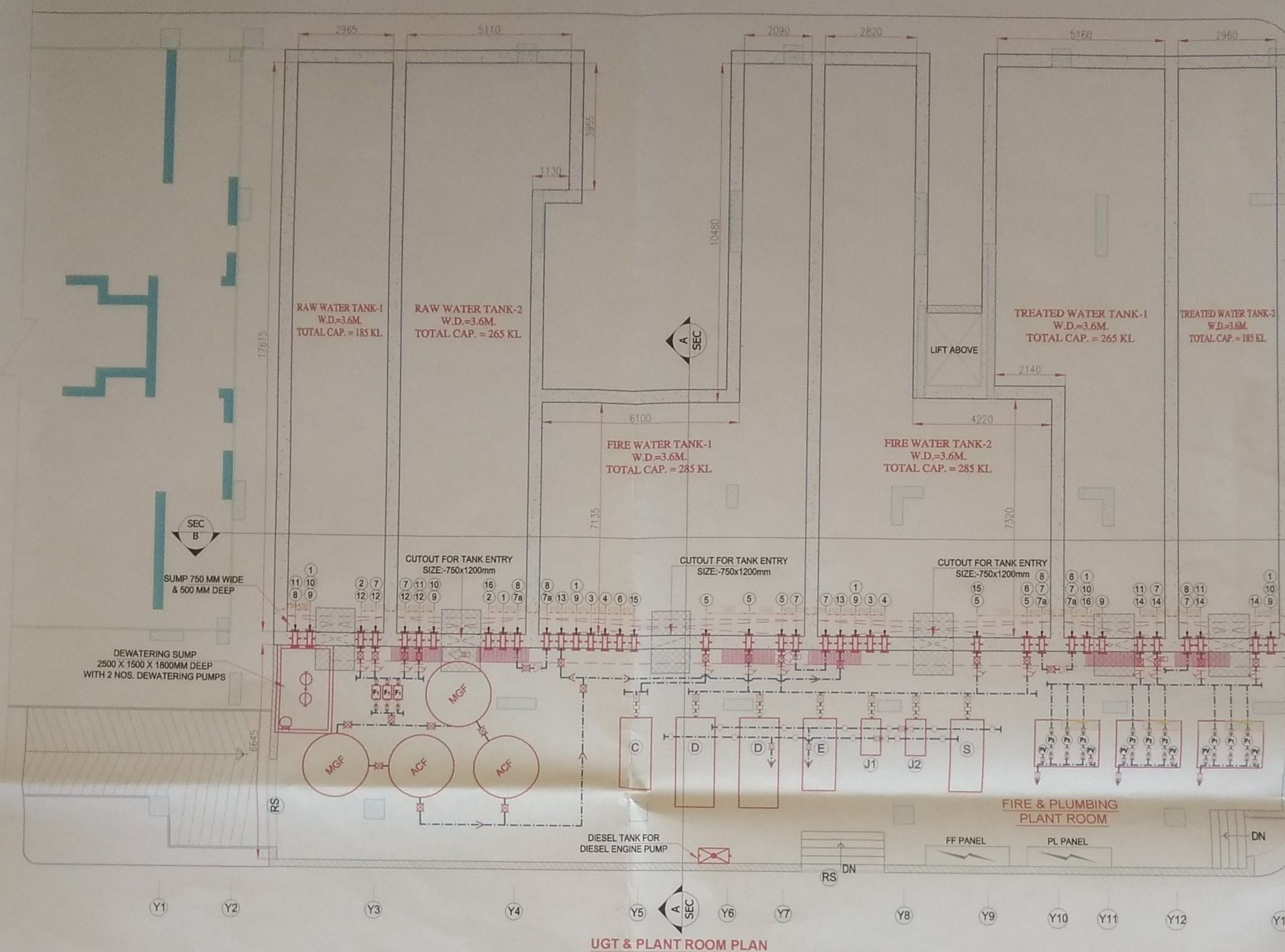


SLEEVES DETAIL
(FOR SLEEVE 8/11)



SLEEVES DETAIL
(FOR SLEEVE 1/2/5/6/7/7a/8/10/12/13/14/15/16)

SCHEDULE OF FLANGES		FLANGES AS PER IS: 9523 - 2003		SCHEDULE OF FLANGES		FLANGES AS PER IS: 9523 - 2003	
SL. NO.	DESCRIPTION	A	B	Y	HOLES	NO.	SL. NO.
1	UP TO 1500	1500	1500	1500	1500	1500	1
2	2000 & ABOVE	2000	2000	2000	2000	2000	2
3	UP TO 1500	1500	1500	1500	1500	1500	3
4	2000 & ABOVE	2000	2000	2000	2000	2000	4
5	UP TO 1500	1500	1500	1500	1500	1500	5
6	2000 & ABOVE	2000	2000	2000	2000	2000	6
7	UP TO 1500	1500	1500	1500	1500	1500	7
8	2000 & ABOVE	2000	2000	2000	2000	2000	8



NOTE: - ALL REFERENCE LEVELS AS CLOUD MARKED SHOULD BE RECONFIRMED AT SITE PRIOR TO EXECUTION.

LEGEND:

S. NO.	SLEEVE	DESCRIPTION	LEVEL (MM) Bottom of Pipe	NO.
1.	1	150 MM DIA. SLEEVE FOR MUNICIPAL CONNECTION	(+) 900	0
2.	2	100 MM DIA. SLEEVE FOR BORE WELL CONNECTION	(+) 900	2
3.	3	150 MM DIA. SLEEVE FOR FIRE BRIGADE INLET CONNECTION	(+) 900	2
4.	4	100 MM DIA. SLEEVE FOR DRAW OUT CONNECTION	(+) 900	2
5.	5	200 MM DIA. SLEEVE FOR FIRE SUCTION PIPE	(-) 3300	5
6.	6	100 MM DIA. SLEEVE FOR FIRE TEST LINE	(+) 900	2
7.	7	150 MM DIA. SLEEVE FOR OVER FLOW TANK TO TANK	(+) 225	8
8.	7a	150 MM DIA. SLEEVE FOR BYPASS CONNECTION TANK TO TANK	(-) 3300	4
9.	8	100 MM DIA. SLEEVE FOR VENT	(+) 900	6
10.	9	80 MM DIA. SLEEVE FOR DRAIN OUT	(-) 3000	6
11.	10	150 MM DIA. SLEEVE FOR OVER FLOW TANK TO PUMP ROOM	(+) 950	4
12.	11	100 MM DIA. SLEEVE FOR LEVEL CONTROLLER	(+) 500	4
13.	12	200 MM DIA. SLEEVE FOR FILTER FEED PUMP SUCTION	(-) 3300	4
14.	13	150 MM DIA. SLEEVE FOR TREATED WATER INLET FOR FIRE TANK	(+) 500	2
15.	14	150 MM DIA. SLEEVE FOR TREATED WATER PUMP SUCTION	(-) 3300	4
16.	15	100 MM DIA. SLEEVE FOR POOL DRAIN INLET FOR FIRE TANK	(+) 500	2
17.	16	150 MM DIA. SLEEVE FOR SPARE (RAW & TREATED TANK)	(-) 3300	2
18.	MH	MANHOLE OPENING (600 x 600 MM)		
19.		NON RETURN VALVE		
20.		BUTTERFLY VALVE		
21.		'Y' TYPE STRAINER		
22.		EXPANSION JOINT (BELLOW)		
23.		REDUCER		
24.		PRESSURE GAUGE		
25.	PA	PRESSURE VESSEL		
26.		BOTTOM OF TANK	(-) 4750	
27.		WATER LVL.	(-) 750	

R1	01.05.2018	Revised as per structure
R0	06.07.2017	Issued as GFC
rev. no.	date	revision

project
GROUP HOUSING
M/s. Patel Advance JV NEOTOWN, Noida Extension

title
PLUMBING DRAWING

subtitle
UNDER GROUND TANK LAYOUT

drawing released for
☐ APPROVAL ☐ SUBMISSION
☐ ADVANCE COPY ☒ CONSTRUCTION

drg. no. NEO TOWN / UGT-01 drawn by Sandeep
scale NTS designed by Shakir Shabir
date 06.07.2017 checked by Anand Havella

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