



MATERIAL OF CONSTRUCTION	
SHELL PLATE & TOP COVER PLATE	IS 2062 GR. B
BOTTOM PLATE	IS 2062 GR. B
MANHOLE NECKS.	IS 2062 GR. B
MANHOLE FLANGES.	IS 2062 GR. B
NOZZLE FLG. & BLIND FLG.	SA 105
NOZZLE PIPES < 250 NB	SA 106 GR.B
NOZZLE PIPES (FAB.) > 250 NB	IS 2062 GR. B
FLANGE DRILLING	ANSI B 16.5
TANK INTERNAL LINING	3MM FRP (FIBER REINFORCED PLASTIC)
R.F.PADS, GUSSETS, NOZZLES STIFFENERS ANCHOR BOLTS	IS 2062
BOLTS & NUTS (NOZZLES)	IS 1367 GR. 4.6 OR EQUIVALENT
STRUCTURALS (CURB ANGLE/ROOF STIFFENERS)	IS 1367 CL. 4.6/4.0
GASKET (3 THK.)	IS 2062
EXTERNAL (GUSSETS)	IS 2712
NAME PLATE/BACKET	IS 2062
EARTHING CONNECTION	SS 304/IS 2062
LADDER / HANDRAIL	IS 2062 GR.A / COPPER
GRATINGS	IS 1239(CLASS MEDIUM) GALVANIZED
	IS 2062

SHELL NOZZLE SCHEDULE									
MARK	NOZZLE		QTY.	FLANGE TO ANS B16.3			SERVICE	PROJ.	REMARKS
	SIZE (NB)	SCH./THK.		RATING	TYPE	FACE			
M2	600	8 THK.	1	AS	PER	IS 803	MANHOLE	150	
N2	100	SCH.40	1	150#	S.O.	R.F.	OVERFLOW	175	
N3	50	SCH.80	1	150#	S.O.	R.F.	DRAIN	275	
N4	100	SCH.40	1	150#	S.O.	R.F.	PUMP SUCTION	150	
N5	80	SCH. 40	1	150 #	S.O	R.F	TANK INLET	150	
N6	50	SCH. 80	1	150 #	S.O	R.F	TANK INLET	150	
N7	40	SCH. 40	2	150 #	S.O	R.F	TANK INLET	150	
N8 TO N13	25	SCH. 80	1	150 #	S.O	R.F	FOR LEVEL SWITCH	150	
N14	NOT USED								
N15 TO N20	25	SCH. 80	1	150 #	S.O	R.F	FOR LEVEL SWITCH	150	

REFERENCE DRAWING	
TITLE	DRAWING NO.

ABBREVIATION	
T.O.P. = TOP OF PLATFORM	B.O.P. = BOTTOM OF PIPE
T.W.L. = TOP WATER LEVEL	F.G.L. = FINISH GROUND LEVEL
F.O.F. = FACE OF FLANGE	B.C.D. = BOLT CIRCLE DIAMETER
T.O.F. = TOP OF FOUNDATION	
F.B. = FREEBOARD	
S.W.D. = SIDE WATER DEPTH	

[illegible]