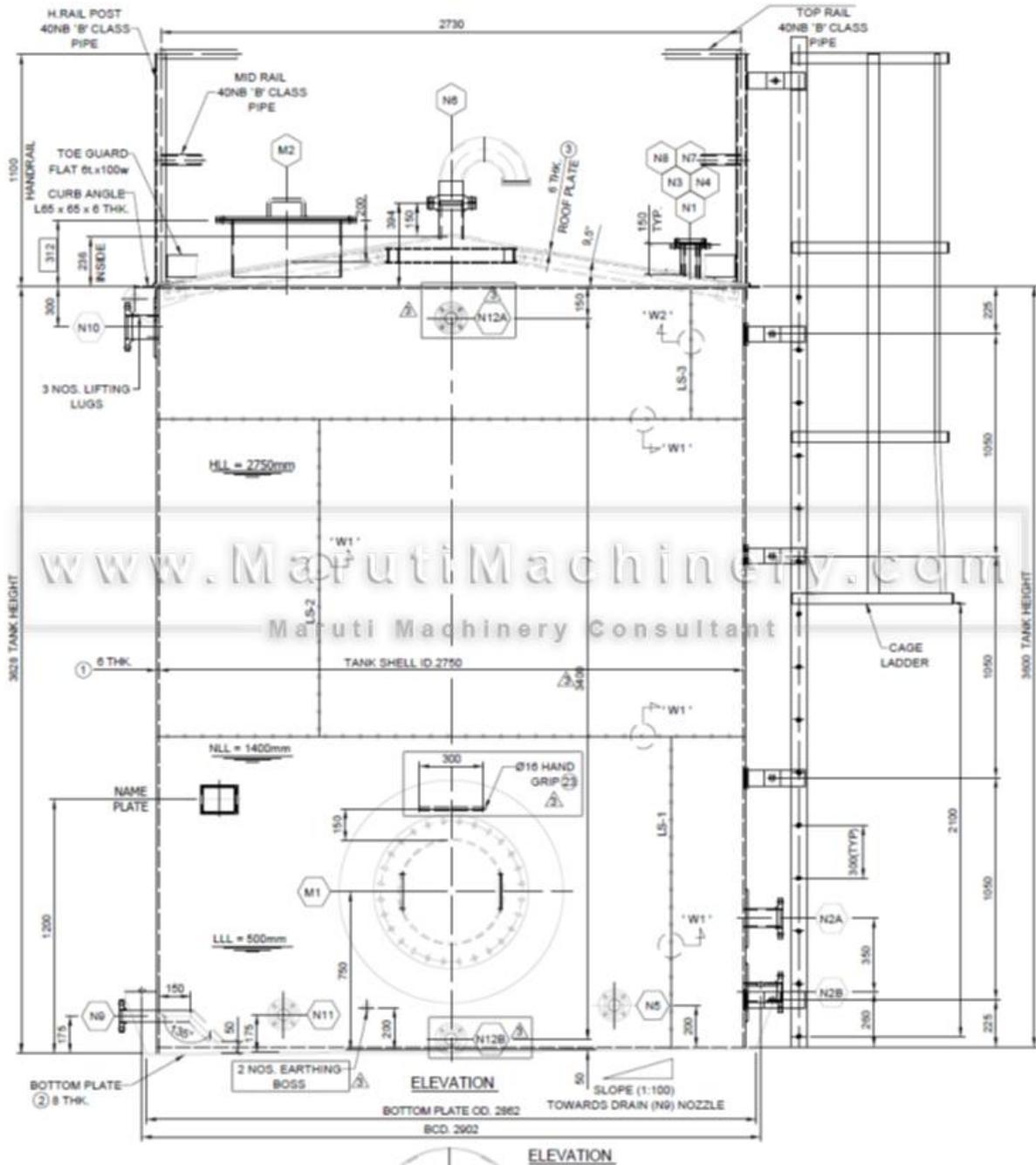


Un-Used SS316L Storage Tank Ref ID #ESM65364



DESIGN DATA

DESIGN CODE	API-650		
PROCESS DATA SHEET NO.	PE-3053-PS-ST-1A02 A/B_REV.0		
NUMBER OF EQUIPMENT'S	TWO (2)		
TANK TYPE	VERTICAL		
SERVICE FLUID/CONTENT	FILTERATE MATERIAL		
SERVICE FLUID CATEGORY	-		
OPERATING PRESSURE	kg/Cm2(g)	ATM	
OPERATING TEMPERATURE	(°C)	AMB.	
DESIGN PRESSURE	kg/Cm2(g)	FULL OF LIQUID	
DESIGN TEMPERATURE	(°C)	55.0	
MDMT	(°C)	N/A	
CORROSION ALLOWANCE	(mm)	NIL	
JOINT EFFICIENCY	0.85		
RADIOGRAPHY	SPOT		
POST FORMING HEAT TREATMENT	N/A		
POST WELD HEAT TREATMENT	N/A		
IMPACT TEST	N/A		
SPECIFIC GRAVITY	0.98		
INSULATION (TYPE/THICKNESS)	N/A		
HYDROSTATIC TEST PRESSURE	kg/Cm2(g)	FULL OF WATER	
HYDROSTATIC TEMPERATURE	(°C)	17 - 48	
CAPACITY (WORKING/NOMINAL)	(m³)	17 / 21	
WIND DESIGN CODE	IS 875, PART-3		
EARTH-QUAKE DESIGN CODE	IS 1893, PART-4, ZONE-III		
INSPECTION BY	CLIENT		

APPROXIMATE WEIGHT (KGS)

EMPTY WEIGHT	3050	OPERATING WEIGHT	20550
		HYDROTEST WEIGHT	24050

NOZZLE DATA (ROOF TOP)									
MARK	QTY.	NOM DIA.	SCH/ THK.	FLANGES			PROJ. FROM CL./TOP PL.	PAD O.D.xT	SERVICE
				CLASS	TYPE	FACING			
N1	1	80	40s	150	SO	RF	150	225 x 6	FILTERATE INLET
N3	1	80	40s	150	SO	RF	150	225 x 6	LEVEL TRANSMITTER (RADAR TYPE)
N4	1	40	40s	150	SO	RF	150	-	SPARE WITH B.F. (TOP - 1)
N6	1	100	40s	150	SO	RF	150	275 x 6	VENT
N7	1	50	40s	150	SO	RF	150	-	LEVEL SWITCH (HIGH LEVEL)
N8	1	50	40s	150	SO	RF	150	-	RE-CIRCULATION LINE
M2	1	500 ID.	6 THK.	AS PER API 650			200	1050 x 6	ROOF MANHOLE WITH COVER
NOZZLE DATA (SHELL)									
N2A/B	2	80	80s	150	SO	RF	1560	265 x 6	OUTLET
N5	1	50	80s	150	SO	RF	1560	-	SPARE WITH B.F. (BOTT. - 1)
N9	1	50	80s	150	SO	RF	1560	-	DRAIN
N10	1	100	80s	150	SO	RF	1535	265 x 6	OVERFLOW
N11	1	80	80s	150	SO	RF	1560	265 x 6	D.P.TYPE -LT
N12A/B	2	50	80s	150	SO	RF	1560	-	LEVEL GUAGE(MAGNETIC TYPE)
M1	1	500 OD. X 6 THK.		AS PER API 650			1585	1055 x 6	SHELL MANHOLE WITH COVER