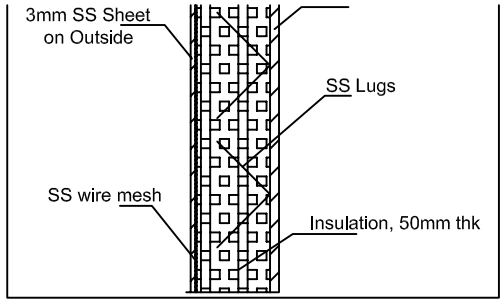
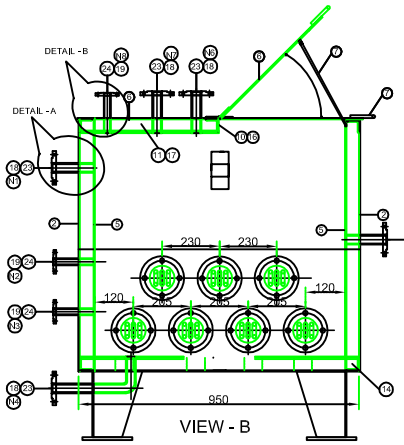
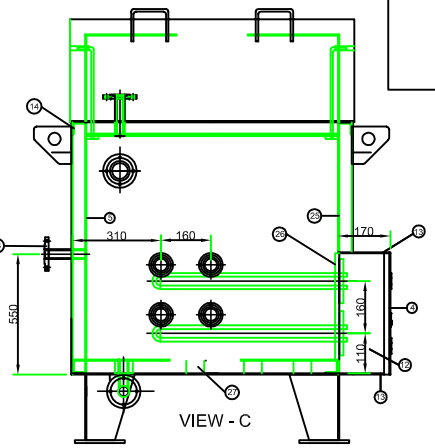


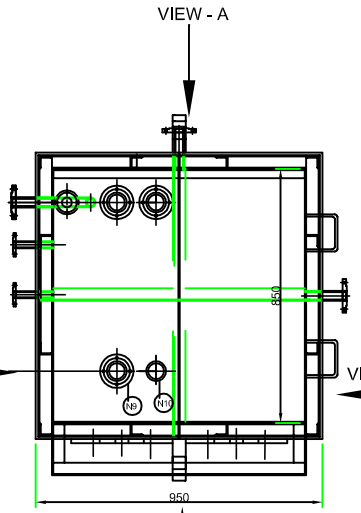
Typical arrangement for Insulation fixing



VIEW - B



VIEW - C

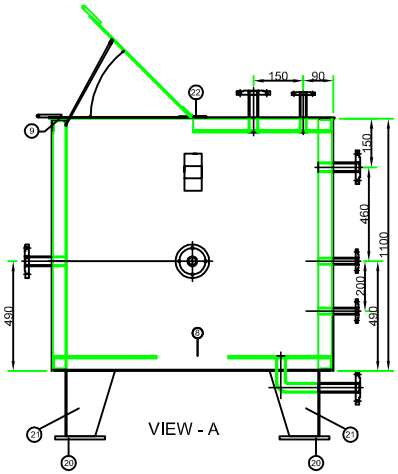


VIEW - A

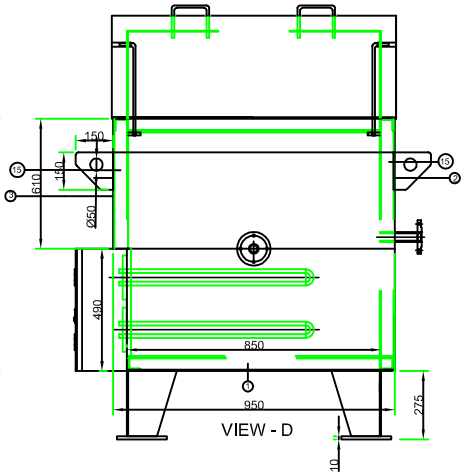
VIEW - C

VIEW - D

VIEW - B



VIEW - A



VIEW - D

NOZZLE SCHEDULE		
S. NO.	PART	DESCRIPTION
1.	N1	OVER FLOW
2.	N2	LEVEL SENSOR
3.	N3	RTD SENSOR
4.	N4	DRAIN
5.	N5	SUCTION
6.	N6	SPARE
7.	N7	SPARE
8.	N8	INLET
9.	N9	SPARE (FLANGE TYPE)
10.	N10	SPARE (THREADED)

S.NO.	DESCRIPTION	QTY.	MATERIAL	REM
27	ISMC CHANNEL 150 x 900 LG.	4	SS	
26	PLATE 900 X 610 X 16 THK	1	SS	
25	PLATE 900 X 610 X 5 THK	1	SS	
24	1" FLANGE	5	SS	
23	1 ½" FLANGE	6	SS	
22	HINGE, 150 LENGTH	4	SS	
21	PLATE 260 X 200 X 5 THK	8	SS	
20	PLATE 200 X 200 X 10 THK	4	SS	
19	25 NB PIPE , SCH 40		SS	
18	40 NB PIPE , SCH 40		SS	
17	ISA 50 ANGLE X 440 Long	4	SS	
16	ISA 50 ANGLE X 900 Long	4	SS	
15	ISA 50 ANGLE X 1100 Long	12	SS	
14	ISA 50 ANGLE X 950 Long	9	SS	
13	PLATE 950 X 160 X 3 THK	2	SS	
12	PLATE 440 X 160 X 3 THK	2	SS	
11	PLATE 440 X 60 X 3 THK	2	SS	
10	PLATE 900 X 60 X 3 THK	1	SS	
9	PLATE 950 X 60 X 5 THK	4	SS	
8	PLATE 900 X 900 X 5 THK	1	SS	
7	Ø 10mm ROD	2	SS	
6	PLATE 1020 X 500 X 3 THK	2	SS	
5	PLATE 900 X 1200 X 5 THK	3	SS	
4	PLATE 490 X 950 X 3 THK	1	SS	
3	PLATE 610 X 950 X 3 THK	1	SS	
2	PLATE 1100 X 950 X 3 THK	3	SS	
1	PLATE 950 X 950 X 5 THK	1	SS	

DO NOT SCALE THE DRAWING
ASK IF IN DOUBT
UNLESS OTHERWISE SHOWN
ALL DIMENSIONS ARE IN MILLIMETERS
REMOVE SHARP EDGES & BURRS
CHAMFER 1 M.M. X 45°
MACHINING FINISH IN MICRONS :-
▽ 6 – 25 ▽▽ 1.6 – 6
▽▽▽ 0.025 – 1.6 ▽▽▽▽ < 0.025

DEVIATION FOR NON TOLERANCED DIMENSIONS (IS -2102)

DIAMETERS & LENGTHS	LENGTH IN M.M. OF SHORTER SIDE OF ANGLE UPTO & INCL.
UPTO & INCL. 6 +0.1	
6 – 30 +0.2	
30 – 120 +0.3	1– 6 ± 1°-0d
120 – 315 +0.5	6– 30 ± 0°-3d
315 – 1000 +0.8	30–120 ± 0°-2d
1000 – 2000 +1.2	120–400 ± 0°-1d
2000 – 4000 +2.0	
4000 & ABOVE +3.0	

ISPF

MATERIAL:
FINISH:
DRAWN
CHKD
APPROVED

TITLE: HOT WATER TANK
500 ltr.

SATISH DHAWAN SPACE CENTRE
SMPC
I.S.R.O SRIHARIKOTA

SCALE 1:2 | DRG. NO. 651-001 | DATE 06.07.22

REF. DRG. NO.
COM. FILE NO.