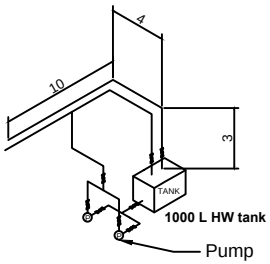
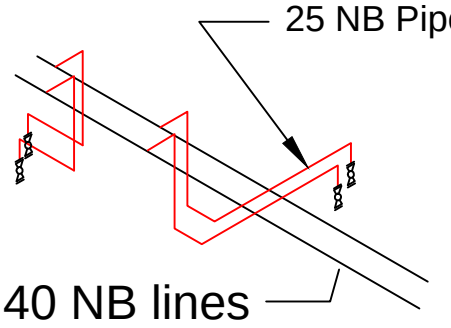
a.SERVICE ROOM



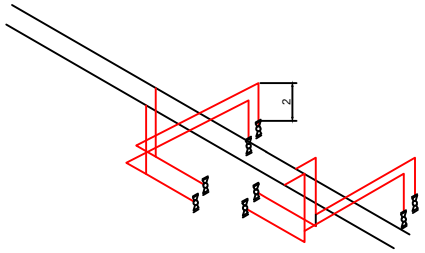
Bill of Material		
S.No	Descriptions	Qty
1	SS pipe 40 NB. Sch.40	56
2	SS pipe 25 NB. Sch.40	6
3	SS pipe 15 NB. Sch.40	4
4	15 NB Nipples	2
5	40NB to 25 NB Reducer -socket type	4
6	25 NB to 15 NB Reducer -Threaded type	4
7	25 NB to 15 NB reducer - Socket type	4
8	40NB Equal Tee	5
9	25 NB Equal Tee	3
10	25 NB Socket Elbows	40
11	40 NB Elbow Socket	14
12	25 NB Elbow	6
13	15 NB Elbow	6
14	40NB NRV	2
15	40NB Strainer	1
16	40NB Ball valve flange type	8

b. BAY 2



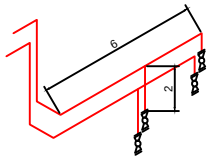
Bill of Material		
S.No	Descriptions	Qty
1	SS pipe 40 NB. Sch.40	26
2	SS pipe 25 NB. Sch.40	48
3	25 NB Nipple	8
4	15NB Nipple	2
5	25NB to 15NB reducer -Threaded type	4
6	40NB to 25NB Tee	4
7	25NB Equal Tee	4
8	25NB elbow	28
9	25 NB Ball valve (Flange Type)	6
10	15 NB Ball valve(Flange Type)	2

c. BAY1



Bill of Material		
S.No	Descriptions	Qty
1	SS pipe 40 NB. Sch.40	24
2	SS pipe 25 NB. Sch.40	52
3	25NB Nipple	10
4	15 NB Nipples	2
5	25NB to 15 NB reducer - threaded type	4
6	40NB to 25NB Tee	4
7	25 NB Equal Tee	4
8	25 NB Elbow	28
9	25 NB Ball valve (Flange type)	8
10	15NB Ball valve Flange	2
11	25 NB Union Socket	6
12	25NB to 15 NB Unequal Tee	2

d. CARTON CASTING



Bill of Material		
S.No	Descriptions	Qty
1	SS pipe 40 NB. Sch.40	20
2	SS pipe 25 NB. Sch.40	30
3	25 NB Nipples	6
4	15 NB Nipples	2
5	25NB to 15NB reducer - Threaded Type	4
6	40NB to 25NB Tee	2
7	25NB Equal Tee	2
8	25NB Elbow - Socket	14
9	40NB Dummy flange	4
10	25NB Ball valve (flange Type)	4
11	15 NB Ball valve (Flange Type)	2
12	25 NB Union Socket	6
13	40 NB coupling Socket	30
14	25NB to 15NB Unequal Tee	2

SPP		TITLE	UNIT-1 Hot Water System
DESIGNED		SATISH DHAWAN SPACE CENTRE	PROJECTION
DES.CHKD	. 18.04.26	SHAR CENTRAL DESIGNS	
DRAWN	. 18.04.26	I.S.R.O SRIHARIKOTA	
DRG.CHKD		SCALE N.T.S	DRG. NO. ISPF/UNIT-1/001
APPROVED			SHEET
	SIGN. DATE		OF