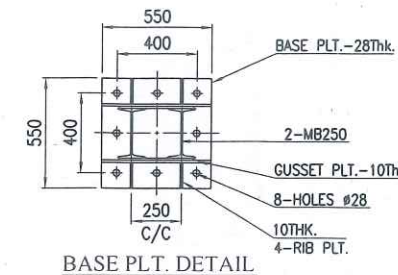
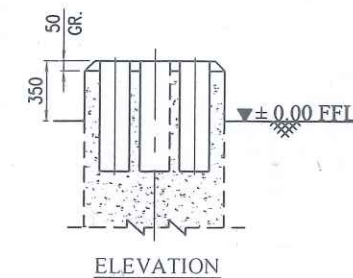


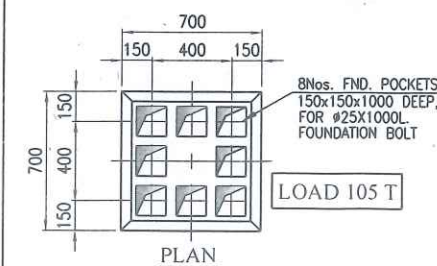
EVAPORATOR WORKING PLATFORM @ +3.00M. & +4.00 M.LVL.



BASE PLT. DETAIL

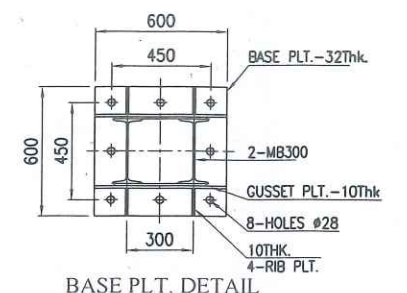


ELEVATION

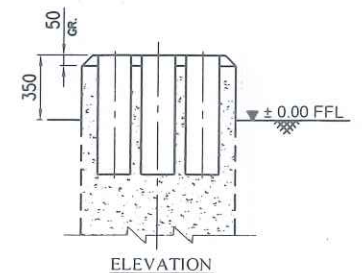


PLAN

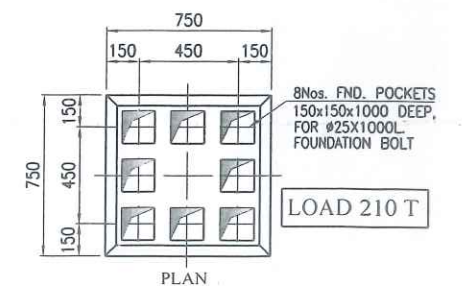
FDN DETAILS OF COLUMN C-4 & C5
QTY:- 02 NOS.



BASE PLT. DETAIL



ELEVATION



PLAN

FDN DETAILS OF COLUMN NO.
- C1, C2, C3 & C6, C7, C8
QTY:- 06 NOS.



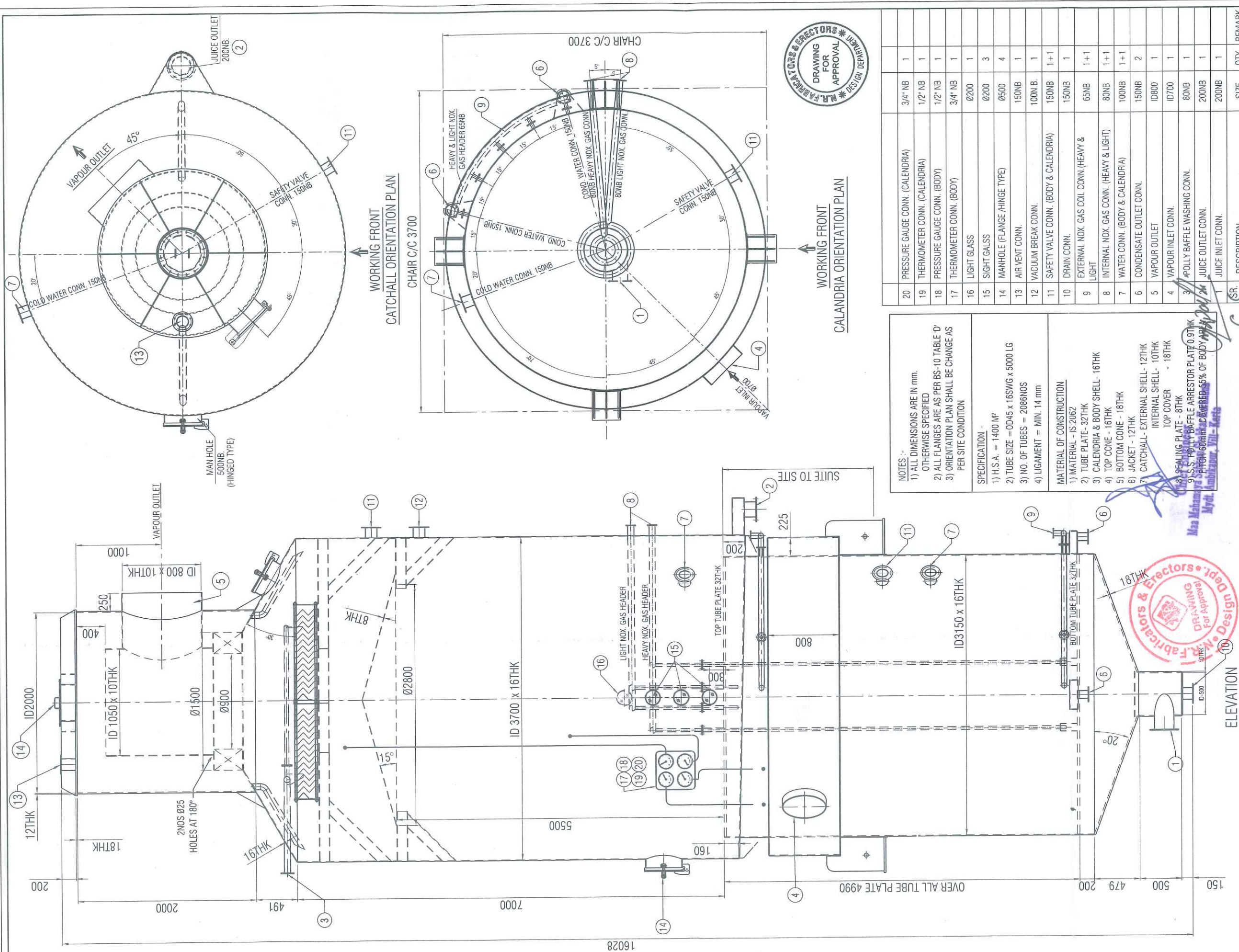
- NOTES -
- 1) ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
 - 2) ALL FOUNDATIONS MUST BE 50mm LESS FOR GROUTING.
 - 3) ALL FOUNDATIONS ARE EQUIDISTANCE FROM THE CENTRE LINE UNLESS OTHERWISE MENTIONED.
 - 4) LOADING FIGURES GIVEN ON FOUNDATIONS INDICATES THE DEAD LOADS.
 - 5) THE DESIGN AND EXECUTION OF PROPER FOUNDATION IS THE RESPONSIBILITY OF THE CUSTOMER.
 - 6) F.F.L. = ±0.000



N.R.FABRICATORS & ERECTORS

WORKS:- G - 58, M.I.D.C. AHMEDNAGAR - 414111 (M.S.)
Phone No.: - 0241 - 2779160, Fax: - 0241-2779160.
Email:- nrdw@rediffmail.com.

TITLE-	STAGGING & FOUNDATION DETAILS FOR EVP. BODIES SK-1400M2, IIrd 1600M2 & IIIrd 900M2	NAME	GAIKWAD
CHECKED BY	MAA MAHAMAYA SHAKKAR KARKHANA MARYADIT AMBIKAPUR, GRAM-KERTA, TAHSIL-PRATAPPUR, DIST-SURAJPUR, CHHATISGARH - 497223	CHECKED BY	MANNIKERI
APPROVED BY		APPROVED BY	SATPUTE N.R.
DATE	05/05/2023	DATE	05/05/2023
SCALE	N.T.S.	SCALE	N.T.S.
DRG. NO.	NR/EVP/STR/22-23/637	DRG. NO.	
REV.	R1	REV.	

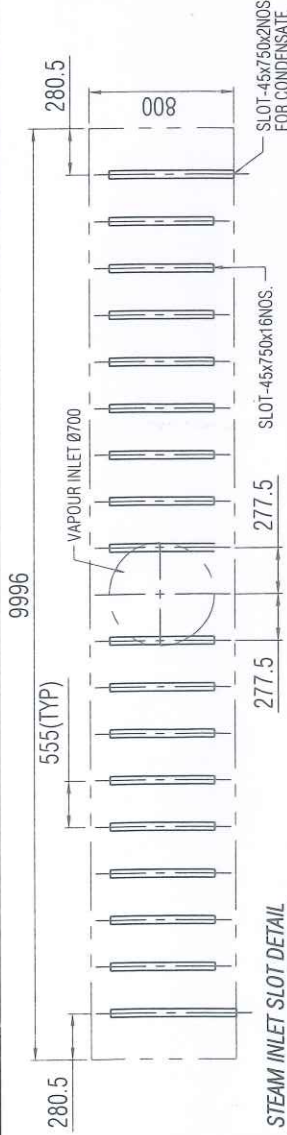


NOTES :-
1) ALL DIMENSIONS ARE IN mm.
2) OTHERWISE SPECIFIED
3) ALL FLANGES ARE AS PER BS-10 TABLE 'D'
4) ORIENTATION PLAN SHALL BE CHANGE AS PER SITE CONDITION

SPECIFICATION -
1) H.S.A. = 1400 MP
2) TUBE SIZE = OD45 x 16SWG x 5000 LG
3) NO. OF TUBES = 2086NOS
4) LIGAMENT = MIN. 14 mm

MATERIAL OF CONSTRUCTION
1) MATERIAL - IS:2062
2) TUBE PLATE - 32THK
3) CALENDRIA & BODY SHELL - 16THK
4) TOP CONE - 16THK
5) BOTTOM CONE - 18THK
6) JACKET - 12THK
7) CATCHALL - EXTERNAL SHELL - 12THK
INTERNAL SHELL - 10THK
TOP COVER - 18THK
8) SEALING PLATE - 8THK
9) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
10) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
11) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
12) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
13) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
14) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
15) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
16) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
17) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
18) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
19) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK
20) S.S. POLY BAFLE ARRESTOR PLATE 0.9THK

Sr. NO.	DESCRIPTION	SIZE	QTY.	REMARK
1	SAFETY VALVE CONN. 150NB	150NB	1	
2	SAFETY VALVE CONN. 150NB	150NB	1	
3	SAFETY VALVE CONN. 150NB	150NB	1	
4	SAFETY VALVE CONN. 150NB	150NB	1	
5	SAFETY VALVE CONN. 150NB	150NB	1	
6	SAFETY VALVE CONN. 150NB	150NB	1	
7	SAFETY VALVE CONN. 150NB	150NB	1	
8	SAFETY VALVE CONN. 150NB	150NB	1	
9	SAFETY VALVE CONN. 150NB	150NB	1	
10	SAFETY VALVE CONN. 150NB	150NB	1	
11	SAFETY VALVE CONN. 150NB	150NB	1	
12	SAFETY VALVE CONN. 150NB	150NB	1	
13	SAFETY VALVE CONN. 150NB	150NB	1	
14	SAFETY VALVE CONN. 150NB	150NB	1	
15	SAFETY VALVE CONN. 150NB	150NB	1	
16	SAFETY VALVE CONN. 150NB	150NB	1	
17	SAFETY VALVE CONN. 150NB	150NB	1	
18	SAFETY VALVE CONN. 150NB	150NB	1	
19	SAFETY VALVE CONN. 150NB	150NB	1	
20	SAFETY VALVE CONN. 150NB	150NB	1	

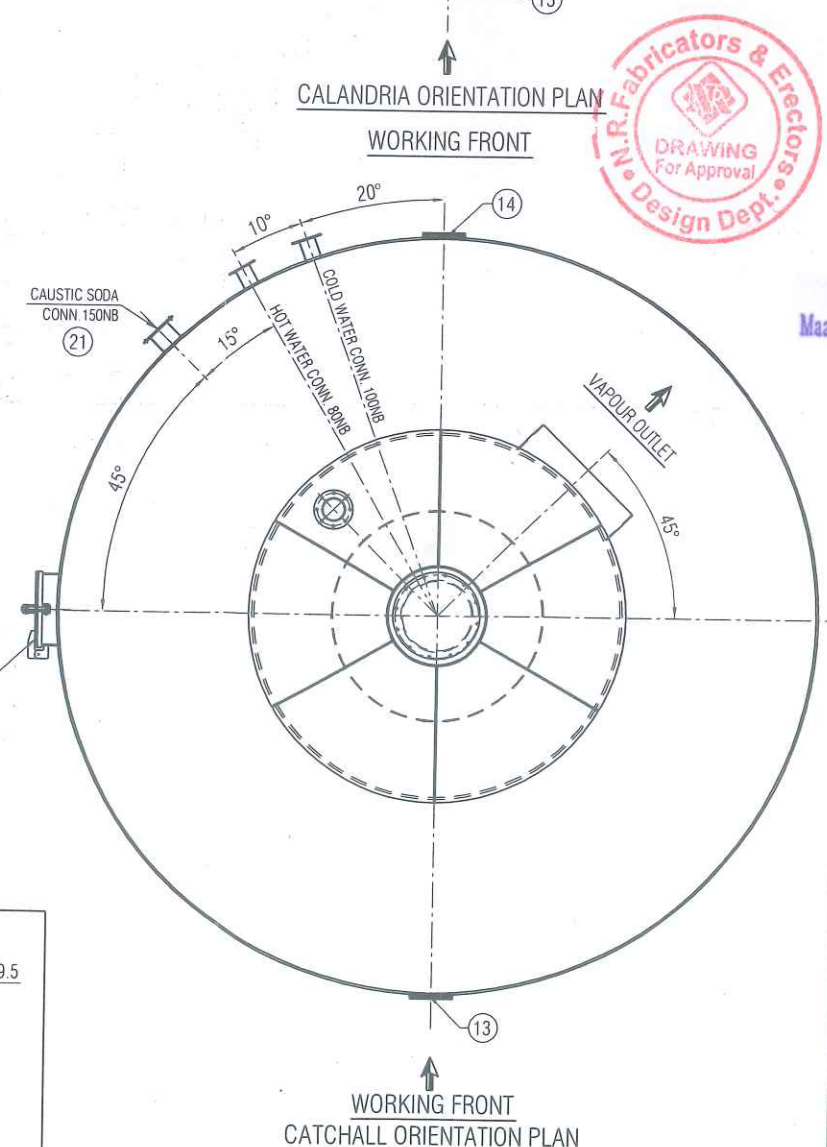
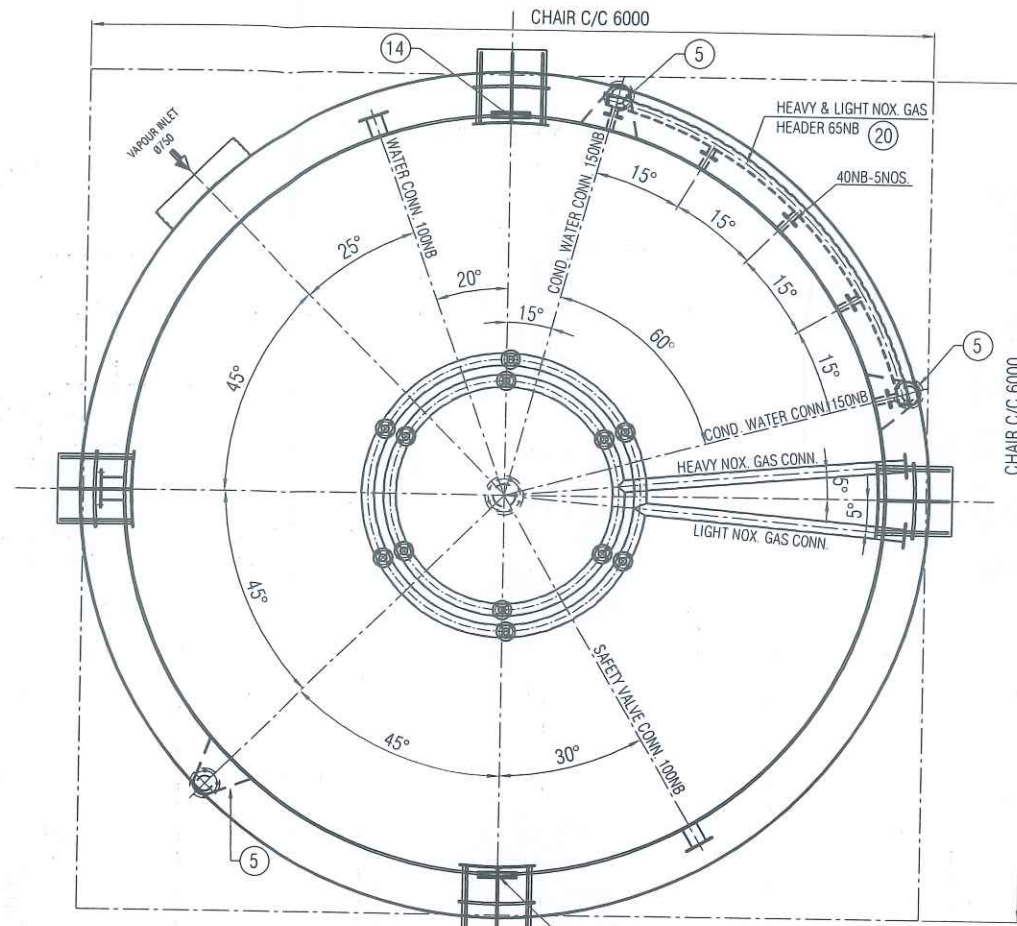
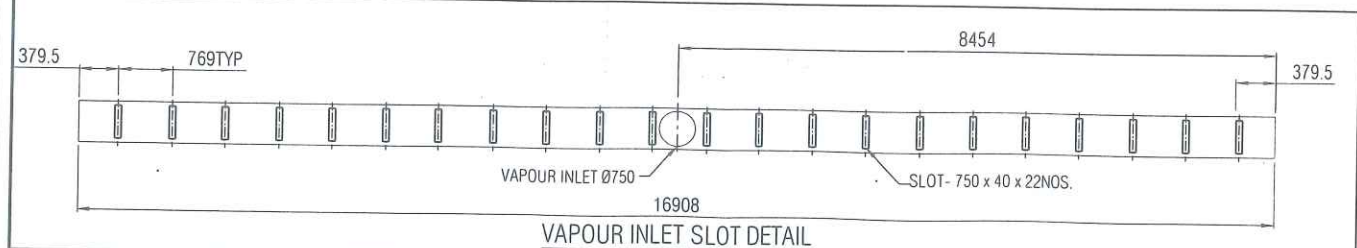
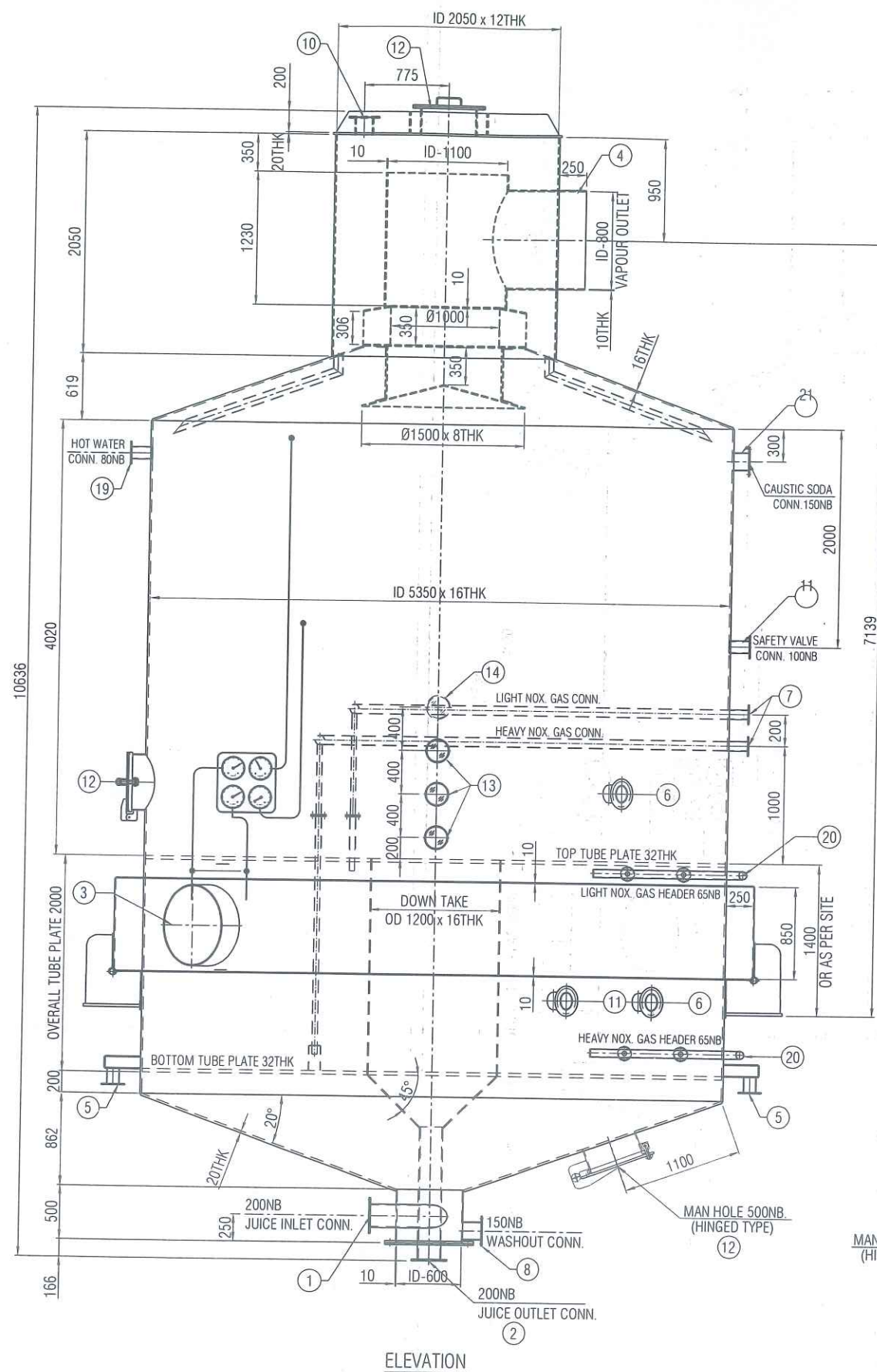


NAME	NAME
GAIKWAD	GAIKWAD
CHECKED BY	CHECKED BY
MANIKERI	MANIKERI
APPROVED BY	APPROVED BY
SATPUTE N.R.	SATPUTE N.R.
DATE	DATE
03-01-2023	03-01-2023
SCALE	SCALE
N.T.S.	N.T.S.
DRG. NO.	DRG. NO.
NR/SK/1400/GA/2023/336	NR/SK/1400/GA/2023/336

N.R.FABRICATORS & ERECTORS
WORKS - G-58, M.I.D.C. AHMEDNAGAR - 414111 (M.S.)
Phone No. : - 0241 - 2779160, Fax. - 0241-2779160.
Email : - nrdevoo@rediffmail.com.

G.A. OF SEMI - KESTNER
(CAP:- 1400M² HSA)

MAA MAHAMAYA S.S.K. MARYADIT
AMBIKAPUR, VILLAGE KERTA, DIST.- SURJAPUR (GG)



QTY:- 1NO.

- NOTES :-**
- 1) ALL DIMENSIONS ARE IN mm. OTHERWISE SPECIFIED
 - 2) DO NOT SCALE THE DRAWING, IF IN DOUBT PLEASE ASK.
 - 3) ALL FLANGES ARE AS PER BS-10 TABLE 'D'
 - 4) ORIENTATION PLAN SHALL BE CHANGE AS PER SITE CONDITION

- SPECIFICATION -**
- 1) H.S.A. = 1600 M²
 - 2) TUBE SIZE = OD45 x 1.6 THK x 2010 LG
 - 3) NO. OF TUBES = 6062 NOS
 - 4) LIGAMENT = MIN. 14 mm

- MATERIAL OF CONSTRUCTION**
- 1) MATERIAL - IS:2062
 - 2) TUBE PLATE- 32THK
 - 3) CALENDRIA & BODY SHELL- 16THK
 - 4) TOP CONE - 16THK
 - 5) BOTTOM CONE - 20THK
 - 6) JACKET- 12THK
 - 6) CATCHALL- EXTERNAL SHELL- 12THK
INTERNAL SHELL- 10THK
TOP COVER - 20THK

21	CAUSTIC SODA CONN.	80NB	1	
20	EXTERNAL NOX. GAS CONN. (HEAVY & LIGHT)	65NB	1+1	
19	HOT WATER CONN. TO BODY	80NB	1	
18	PRESSURE GAUGE CONN. (CALENDRIA)	3/4" NB	1	
17	THERMOMETER CONN. (CALENDRIA)	1/2" NB	1	
16	PRESSURE GAUGE CONN. (BODY)	1/2" NB	1	
15	THERMOMETER CONN. (BODY)	3/4" NB	1	
14	LIGHT GLASS	Ø200	1	
13	SIGHT GLASS	Ø200	3	
12	MANHOLE	Ø500	3	
11	SAFETY VALVE CONN. (BODY & CALENDRIA)	100NB	2	
10	AIR VENT CONN.	150NB	1	
9	VACUUM BEAK CONN.	100NB	1	
8	WASH OUT CONN.	150NB	1	
7	INTERNAL NOX. GAS CONN. (HEAVY & LIGHT)	80NB	1+1	
6	COLD WATER CONN. (BODY & CALENDRIA)	100NB	1+1	
5	CONDENSATE OUTLET CONN.	150NB	2	
4	VAPOUR OUTLET	ID800	1	
3	VAPOUR INLET CONN.	ID700	1	
2	JUICE OUTLET CONN.	200NB	1	
1	JUICE INLET CONN.	200NB	1	
SR. NO.	DESCRIPTION	SIZE	QTY.	REMARK

N.R.FABRICATORS & ERECTORS

WORKS:- G - 58, M.I.D.C. AHMEDNAGAR - 414111 (M.S.)
Phone No.: - 0241 - 2779160, Fax: - 0241-2779160.
Email:- nrdewoo@rediffmail.com.

NAME
GAIKWAD

DRAWN
MANNIKERI

CHECKED BY
SATPUTE N.R.

APPROVED BY
DATE 04-01-2023

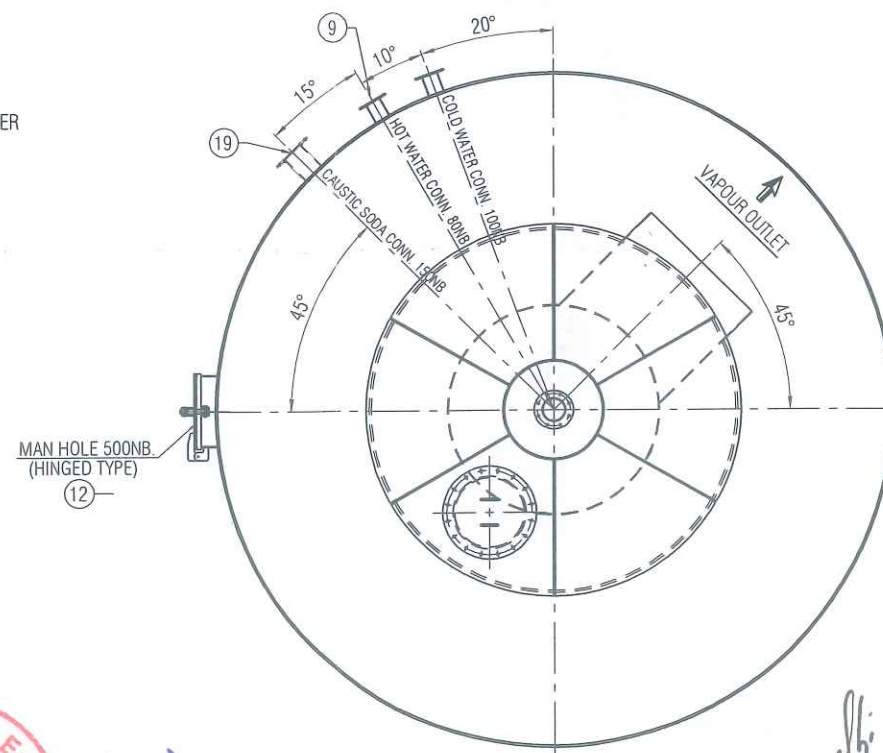
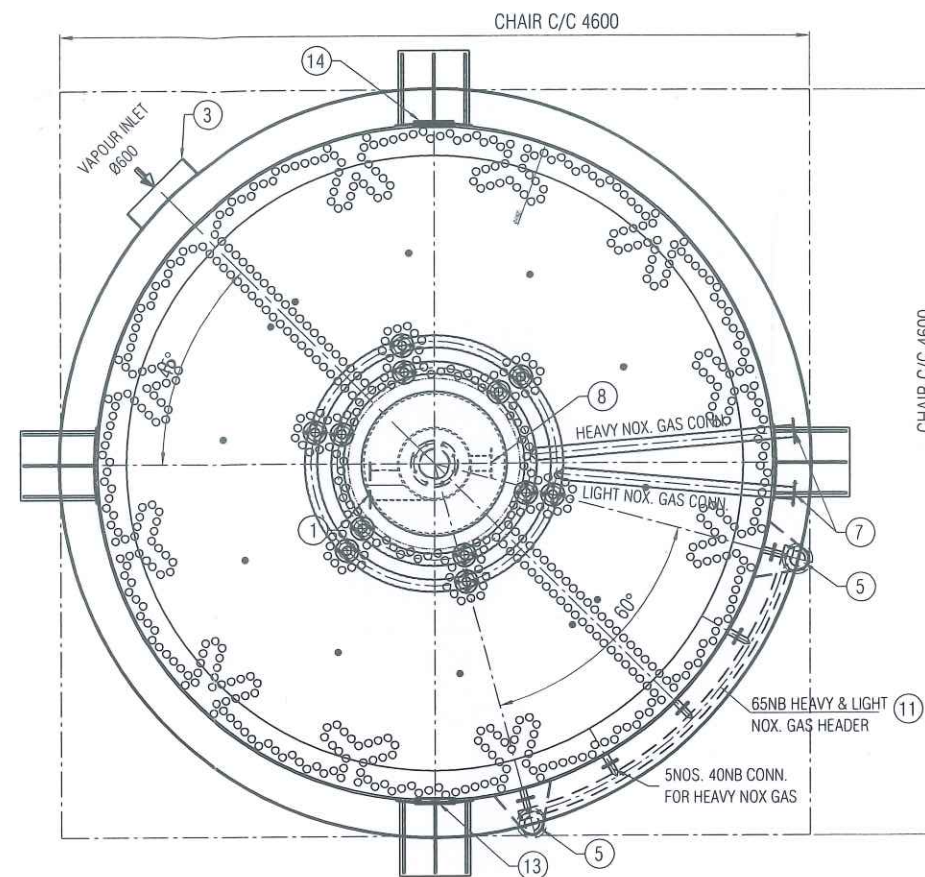
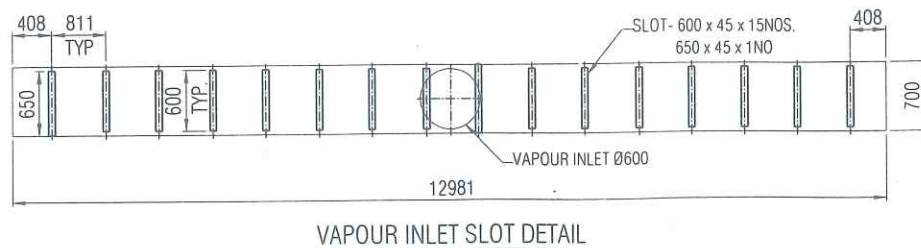
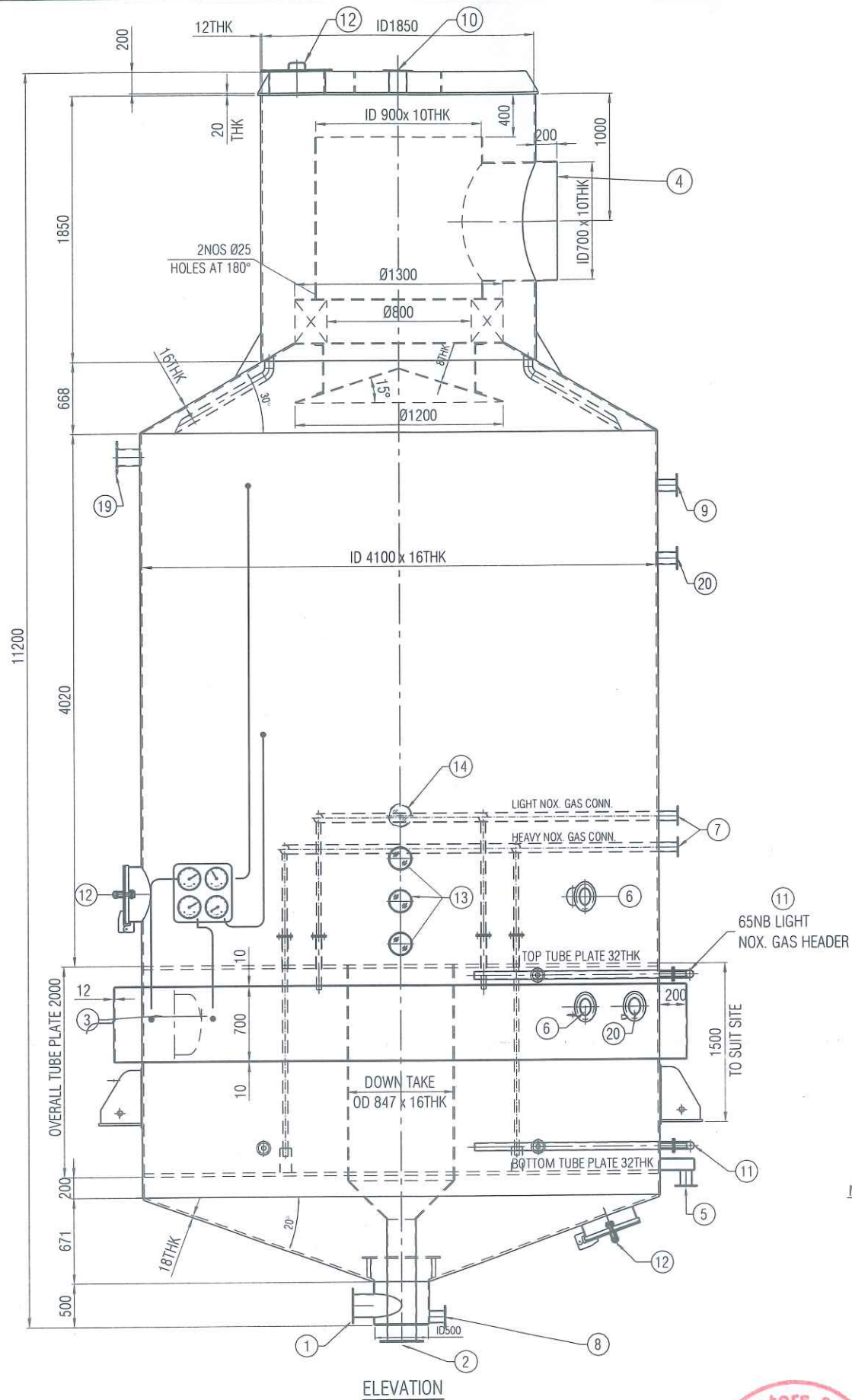
SCALE
N.T.S.

ORG. NO.
NR/EVP/GA/1600/22-23/951

TITLE- G.A. OF 1st/2nd EVAPORATOR BODY (CAP:- 1600M² HSA)

CLIENT- MAA MAHAMAYA S.S.K. MARYADIT
AMBIKAPUR, VILLAGE KERTA, DIST.- SURJAPUR (CG)

REV.



- NOTES :-
- 1) ALL DIMENSIONS ARE IN mm. OTHERWISE SPECIFIED
 - 2) DO NOT SCALE THE DRAWING, IF IN DOUBT PLEASE ASK.
 - 3) ALL FLANGES ARE AS PER BS-10 TABLE 'D'
 - 4) ORIENTATION PLAN SHALL BE CHANGE AS PER SITE CONDITION

SPECIFICATION -

- 1) H.S.A. = 900 M²
- 2) TUBE SIZE = OD45 x 1.6 THK x 2010 LG
- 3) NO. OF TUBES = 3410 NOS
- 4) LIGAMENT = MIN. 14 mm

MATERIAL OF CONSTRUCTION

- 1) MATERIAL - IS:2062
- 2) TUBE PLATE - 32THK
- 3) CALENDRIA & BODY SHELL - 16THK
- 4) TOP CONE - 16THK
- 5) BOTTOM CONE - 18THK
- 6) JACKET - 12THK
- 7) CATCHALL - EXTERNAL SHELL - 12THK
INTERNAL SHELL - 10THK
TOP COVER - 20THK

20	SAFETY VALVE CONN. (BODY & CALANDRIA)	100NB	1+1	
19	CAUSTIC SODA CONN.	80NB	1	
18	PRESSURE GAUGE CONN. (CALANDRIA)	3/4" NB	1	
17	THERMOMETER CONN. (CALANDRIA)	1/2" NB	1	
16	PRESSURE GAUGE CONN. (BODY)	1/2" NB	1	
15	THERMOMETER CONN. (BODY)	3/4" NB	1	
14	LIGHT GLASS	Ø200	1	
13	SIGHT GLASS	Ø200	3	
12	MANHOLE	Ø500	3	
11	EXTERNAL HEAVY NOX. GAS COIL	65NB	1	
10	AIR VENT CONN.	150NB	1	
9	HOT WATER CONN. TO BODY	80NB	1	
8	WASH OUT CONN.	150NB	1	
7	INTERNAL NOX. GAS CONN. (HEAVY & LIGHT)	80NB	1+1	
6	COLD WATER CONN. (BODY & CALANDRIA)	100NB	1+1	
5	CONDENSATE OUTLET CONN.	150NB	2	
4	VAPOUR OUTLET	ID700	1	
3	VAPOUR INLET CONN.	ID600	1	
2	JUICE OUTLET CONN.	200NB	1	
1	JUICE INLET CONN.	200NB	1	
SR. NO.	DESCRIPTION	SIZE	QTY.	REMARK



QTY:-1NO.



N.R.FABRICATORS & ERECTORS

WORKS :- G - 58, M.I.D.C. AHMEDNAGAR - 414111 (M.S.)
Phone No. :- 0241 - 2779160, Fax :- 0241-2779160.
Email :- nrdevo@rediffmail.com.

TITLE-	G.A. OF EVAPORATOR BODY (Ilrd BODY) (CAP:- 900M ² H.S.A.)	NAME	GAIKWAD
CLIENT-	MAA MAHAMAYA S.S.K. MARYADIT AMBIKAPUR, VILLAGE KERTA, DIST. - SURJAPUR (CG)	CHECKED BY	MANNIKERI
		APPROVED BY	SATPUTE N.R.
		DATE	04-01-2023
		SCALE	N.T.S.
		DRG. NO.	NR/EVP/GA/900/22-23/251
		REV.	



Chief Engineer
Maa Mahamaya Sahkari Shakkar Karkhana
Mydt. Ambikapur, Vill- Kerta