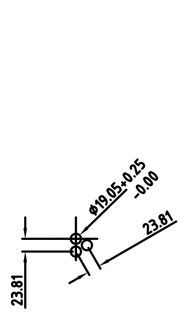
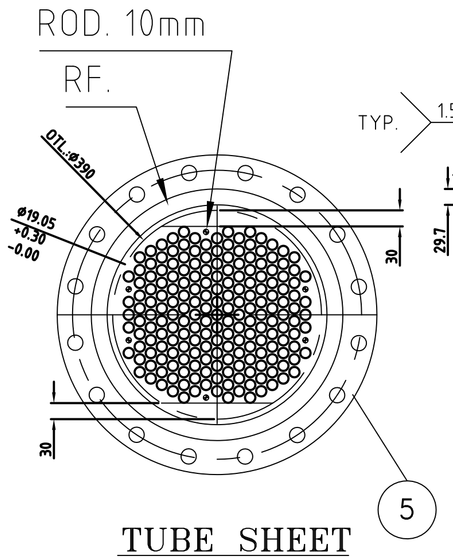
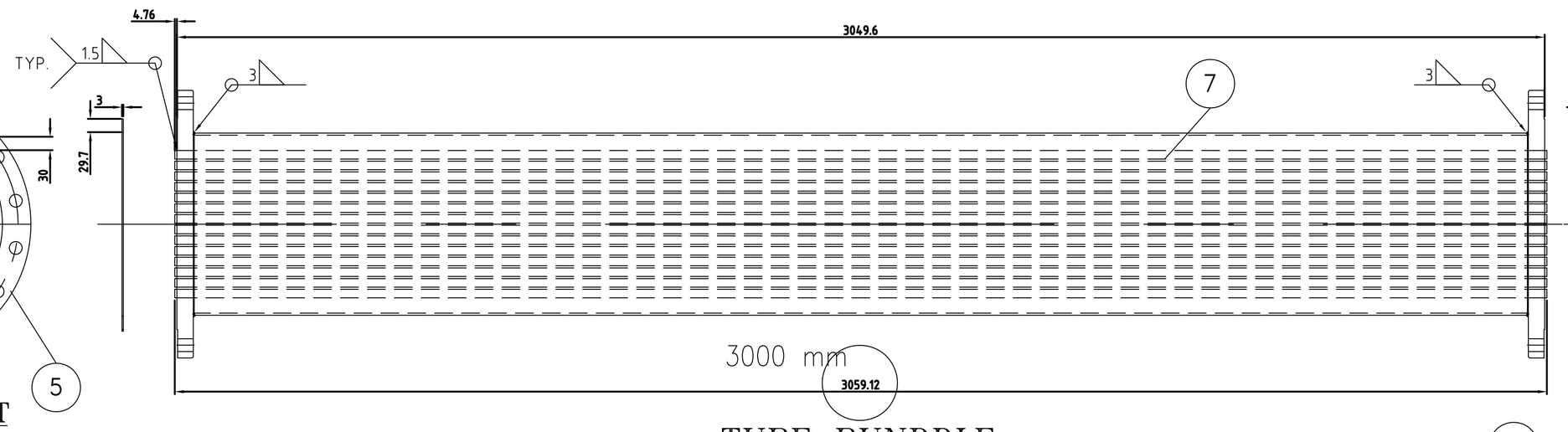


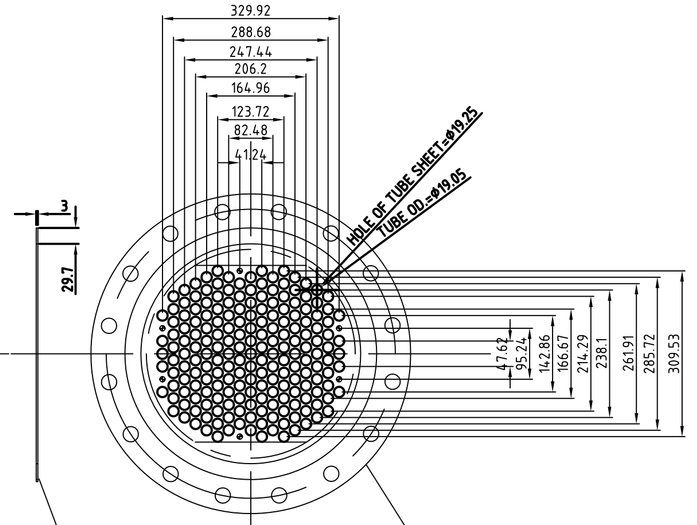
PITCH DET.
SC. 1:8



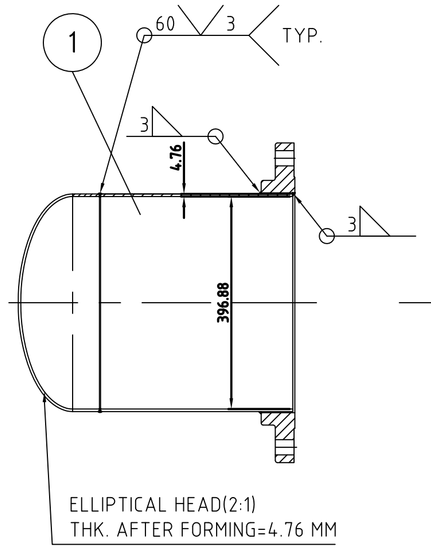
TUBE SHEET
SC. 1:8



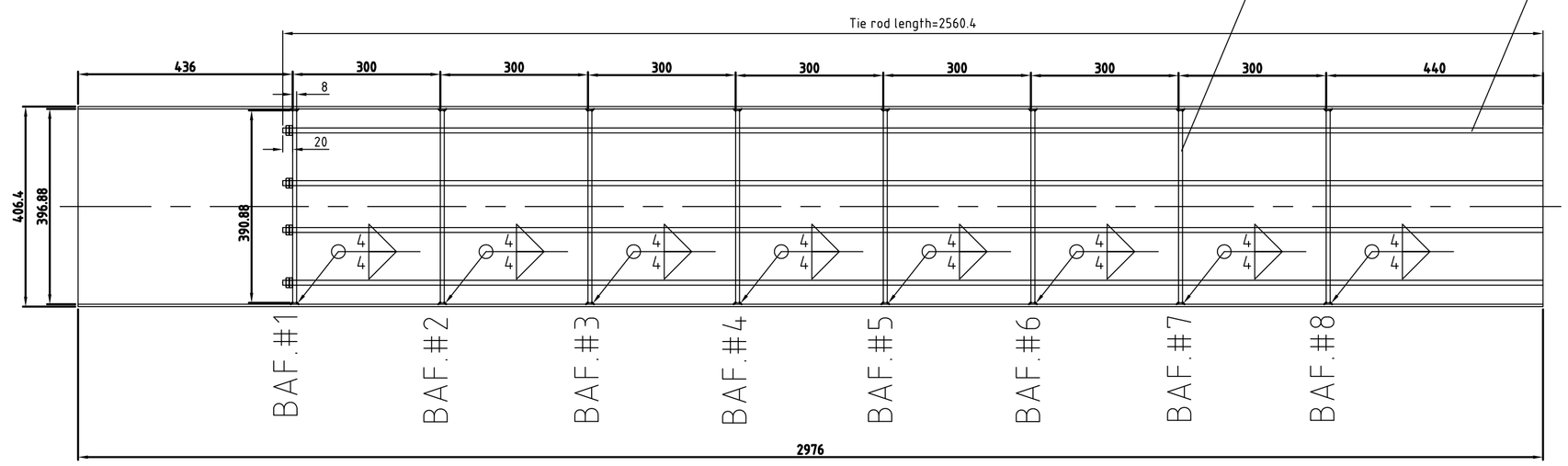
TUBE BUNDDLE
SC. 1:8



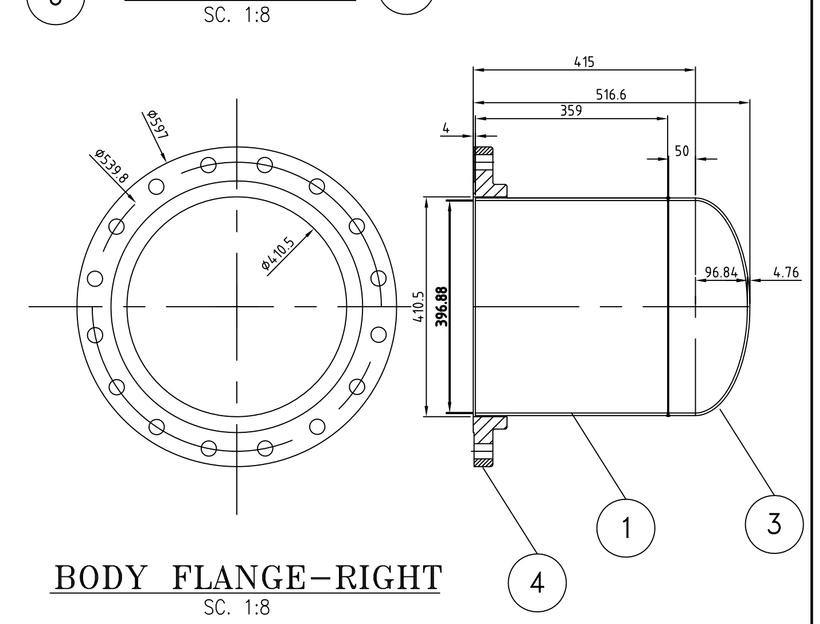
TUBE SHEET
SC. 1:8



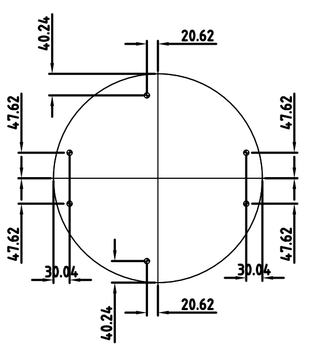
BODY FLANGE–LEFT
SC. 1:8



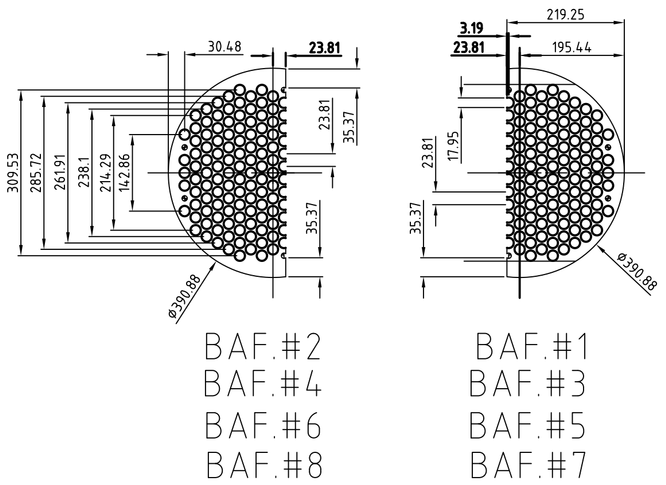
BAFFLE ARRANGEMENT
SC. 1:8



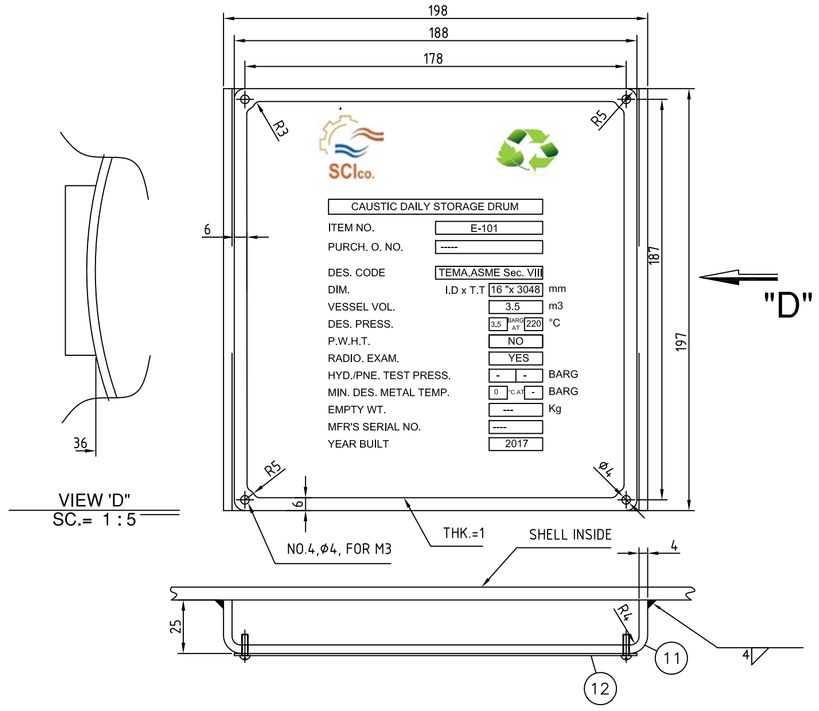
BODY FLANGE–RIGHT
SC. 1:8



TIE ROD ORIENTATION
SC. 1:8



ARRANGEMENT BAFFLES
SC. 1:8



NAME PLATE
SC.= 1 : 2

PART LIST

POS.	PART NAME	DESCRIPTION	QTY.	MATERIAL	UNIT WEIGHT (Kg)	TOTAL WEIGHT (Kg)	REMARKS
1	F./R. CHANNEL	P.16", THK.=4.76mm, L=359mm	2	SA312 TP304L	17.1	34.2	
2	SHELL	P.16", THK.=4.76mm, L=2976mm	1	SA312 TP304L	141.9	141.9	
3	F./R. HEAD	CAP 16", THK.4.76mm	2	SA312 TP304L	20.0	40.0	
4	F./R. BODY FLG.	FLG.16", S.O., 150#	2	SA182 TP304L	13.7	27.4	
5	F./R. TUBE SHEET CHANNEL	BLD.16", S.O., 150#	2	SA182 TP304L	81.7	163.4	
6	GASKET	FOR 16", S.O., 150#	2	METAL,MONEL TP304L	1.0	2.0	
7	TUBE	TUBE ø19.05, THK.=1.65mm, L=3060	195	SA312 TP304L	2.2	425.1	
8	BAFFLE	PL. 390.88x219.25X8THK.	8	SA240 TP304L	5.4	43.4	
9	TIE ROD	ROD ø10mm, L=2561	6	S.S 304L	1.6	9.6	
10	FLANGE N1, N9	FLG 6", S.O., 150#	2	SA182 TP304L	0.0	0.0	
11	PIPE N1, N9	P. 6", STD, L=217mm	2	SA312 TP304L	0.0	0.0	
12	PAD N1, N9	PL.238x5mm	2	SA240 TP304L	0.0	0.0	
13	Nozzle N11, N12	Half coupling 1" 3000#	2	SA182 TP304L	0.0	0.0	
14	deleted	deleted					
15	COUPLING N2,N3,N5,N7,N10	COUPLING ½" 3000#	5	S.S. TP304L	0.0	0.0	
16	FLANGE N4	FLG 10", S.O., 150#	1	SA182 TP304L	0.0	0.0	
17	PIPE N4	P. 10", STD, L=250mm	1	SA312 TP304L	0.0	0.0	
18	PAD N4	PL.407x5mm	1	SA240 TP304L	0.0	0.0	
19	FLANGE N6, N8	FLG 2", S.O., 150#	2	SA182 TP304L	0.0	0.0	
20	PIPE N6, N8	P. 2", STD, L=205mm	2	SA312 TP304L	0.0	0.0	
21	WEAR PLATE	PL.480x250x5	2	SA240 TP304L	0.0	0.0	
22	WEB PLATE	PL.635x361x8	2	SA240 TP304L	0.0	0.0	
23	RIB PLATE–SIDES	PL.635x96x8	8	SA240 TP304L	0.0	0.0	
23	RIB PLATE–MID	PL.532x96x8	4	SA240 TP304L	0.0	0.0	
24	STUD BOLT FOR BODY FLANGE	M27, L=145mm	32	SA193 B8	0.0	0.0	
25	NUT FOR BODY FLANGE	M27	64	SA194 B8	0.0	0.0	
26	LIFTING LUG	PL. 200x145x5	2	SA240 TP304L	0.0	0.0	
27	LIFTING LUG PAD	PL. 220x100x5	2	SA240 TP304L	0.0	0.0	
				TOTAL WEIGHT=(Kg)		216	

TOTAL WEIGHT FOR 3 HEAT EX. = --- Kg

AS–BUILT

NOTES

1. ALL DIMENSION ARE IN mm. UNLESS OTHERWISE SPECIFIED.
2. ALL WELDS ARE SITE WELDS.
3. ANN, B–1 ~ B–2 & BS ARE ERECTION MARKS.
4. THE SLOPE OF BOTTOM IS 1/20
5. ALL PLATES SHALL BE CUT AND BEVELED AT SHOP.
6. FOR SUMP DETAIL REFER TO SUMP DRAWING DETAIL.
7. PERMISSIBLE TOLERANCE ON PLATE SHALL BE POSITIVE AND IN ACCORDANCE WITH API–650 AND PROJECT SPECIFICATION(S).
8. A MINIMUM OF TWO PASS WELDS SHALL BE DEPOSITED ON ALL LAP JOINTS.
9. MAKE GROOVE IN FOUNDATION UNDER BACK STRIP BEFORE PLACING ANNULAR BOTTOM PLATE.
10. ALL WELDS SHALL BE FINISHED SMOOTHLY AND THE SURFACE OF WELDED AREA SHALL BE FREE FROM SPATTER AND SLAG.

Employer: Sarcheshmeh Copper Investment Co.

Consultant: ParsBonyan Consulting Engineers

Contractor: Kimia Neshan Kerman Sabz

DWG Title: General Arrangement and detail drawing FOR E–101,102,103

Project Title: Sodium Sulfide

Designed By:		DWG Type:	Size:
Prepared By:			Scale:
Checked By:		DWG No.:	Rev.:
Approved By:		SCI01–ME–DWG–E123–072	Sheet: