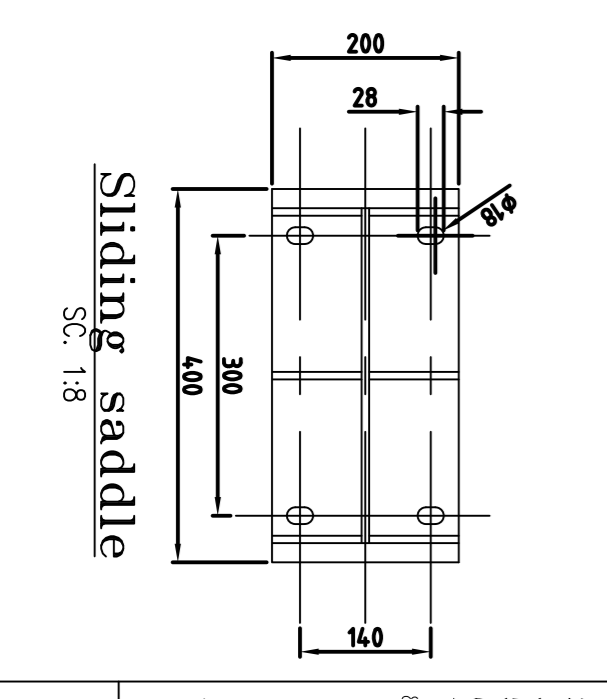
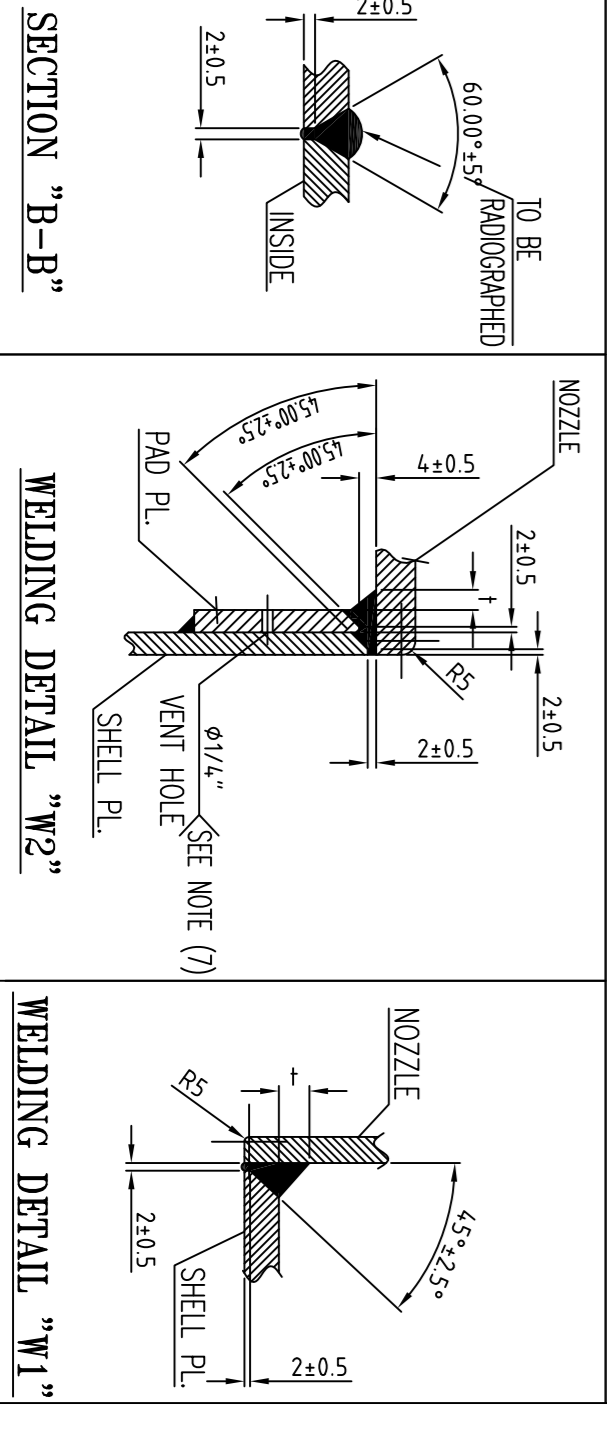


Table of weld



1-ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED
 2-ALL TAILED DIMENSIONS ARE MEASURED FROM BASE LINE (B.L.)
 3-UNLESS OTHERWISE NOTED, OUTSIDE PROJECTIONS OF NOZZLES ARE MEASURED FROM BASE LINE (B.L.)
 5-FLANGES FACE FINISHING SHALL BE SMOOTH WITH 125 MICRO INCH MINIMUM TO 250 MICRO INCH MAXIMUM AS PER ASME B 18.5
 6-ALL FLANGE BOLT HOLES TO BE STRADDLE OF CENTER LINES EXCEPT AS SHOWN OTHERWISE.
 7-ALL SHARP CORNERS SHALL BE ROUND OFF.
 8-ABBREVIATION:
 T.L.: TANGENT LINE. C.L.: CENTER LINE. T.O.S.: TOP OF STRUCTURE.
 L.W.L.: LONGITUDINAL WELD LINE. C.W.L.: CIRCUMFERENTIAL WELD LINE.
 B.L.: BASE LINE. B.C.D.: BOLT CIRCLE DIAMETER. C.C.: CENTER OF GRAVITY.
 9-UNLESS OTHERWISE STATED, REFERENCING FRIS (P AND S) SHALL HAVE ONE (TWO) NOT 1/4".
 10-INSTALLATION LOCATION: IN MOOR.

GENERAL NOTE

Table of connection

Item	N	Size	SCH.	Rating	Type	Facing	Proj.	Service
N12	1	1"		Half coupling	3000#		200	R. CHANNEL DRAIN
N11	1	1 1/2"		Half coupling	3000#		200	SHELL SIDE DRAIN
N10	1	1 1/2"		Half coupling	3000#		200	TEMP. TRANSMITTER(N9)
N9	1	6"		STD. 150#	S.O.	R.F.	200	WATER OUTLET
N8	1	2"		STD. 150#	S.O.	R.F.	200	SHELL SIDE VENT
N7	1	1/2"		Half coupling	3000#		200	TEMP. TRANSMITTER(N6)
N6	1	1/2"		Half coupling	3000#		200	GAS OUTLET
N5	1	1/2"		Half coupling	3000#		200	TEMP. TRANSMITTER(N4)
N4	1	10"		STD. 150#	S.O.	R.F.	200	GAS INLET
N3	1	1/2"		Half coupling	3000#		200	VENT
N2	1	1/2"		Half coupling	3000#		200	TEMP. TRANSMITTER(N1)
N1	1	6"		STD. 150#	S.O.	R.F.	200	WATER INLET

Employer: Sarcheshmeh Copper Investment Co.

Contractor: Kimia Neshan Kerman Sabz

Project Title: Sodium Sulfide

Employer Logo: Sarcheshmeh Copper Investment Co.

Consultant Logo: ParsBonayan Consulting Engineers

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

Designed By: [Signature]

Prepared By: [Signature]

Checked By: [Signature]

Approved By: [Signature]

DWG No.: SC101-ME-DWG-E123-072

Sheet: []

DESIGN CONDITIONS

PARAMETER	VALUE	UNIT
SERVICE	EVAPORATORS VENT CONDENSER	
DESIGN CODE	ASME SEC.VIII DIV.1 ED.2007/TEMA STD.	
SIZE	INSIDE DIA./L.: 396.88 X 3048	
CAPACITY	m ³	
WIND DESIGN	UBC 1997, ZONE 3, I=1.25	
EARTHQUAKE DESIGN		
INSULATION	TYPE/THICKNESS mm	
PREPREGGING (BY OTHERS)	mm	
EQUIPMENT PAINTING ACCORDING TO		
FLUID HAZARDOUSNESS		
PROCESS GASES	NON FLAMMABLE	
COOLING WATER		
OPERATING PRESSURE	bar(g)	4.523
OPERATING TEMP. (IN/OUT)	°C	1.0135
LIQUID GRAVITY: OPERATING/DESIGN	Kg/m ³	180/40
INTERNAL DESIGN PRESSURE	bar(g)	0.49/973.46
INTERNAL DESIGN TEMPERATURE	°C	989.22/984.35
INTERVAL DESIGN TEMPERATURE	°C	3.5
FULL VACUUM REQUIRED	bar(g)	220
FULL VACUUM DESIGN TEMPERATURE	°C	83
M.D.M.I.(AT DESIGN PRESSURE)	°C	NO
CORROSION ALLOW./CLADDING	mm	AS PER CALC.
TEMA TYPE / CLASS	BEM/R	SIZE:13-3048
TUBE TYPE/HOLES/ LENGTH (MM)	PLAIN	AREA: 28M2
TUBE LAYOUT (PITCH (30))	23.81	181
BAFFLE TYPE/OUT/INT.	EXPANDED-26nv	3048
BAFFLE SPACING C/C -mm / INLET	300	436
IMPERMEANT PROTECTION	NONE	8
JOINT EFFICIENCY (HEAD/SHELL) . (BODY/CHANNEL)	1/1	
POST WELD HEAT TREATMENT	NO	
RADIOGRAPHY (HEAD/SHELL) . (BODY/CHANNEL)	FULL/FULL	
SHOP TEST PRESSURE PER UG-99b(33)	bar(g)	4.5
SHOP TEST POSITION	HORIZONTAL	6.5
INSPECTION AUTHORITY (STAMP)	HORIZONTAL	NO
PACKING/CATALYST...WEIGHT	Kg	--