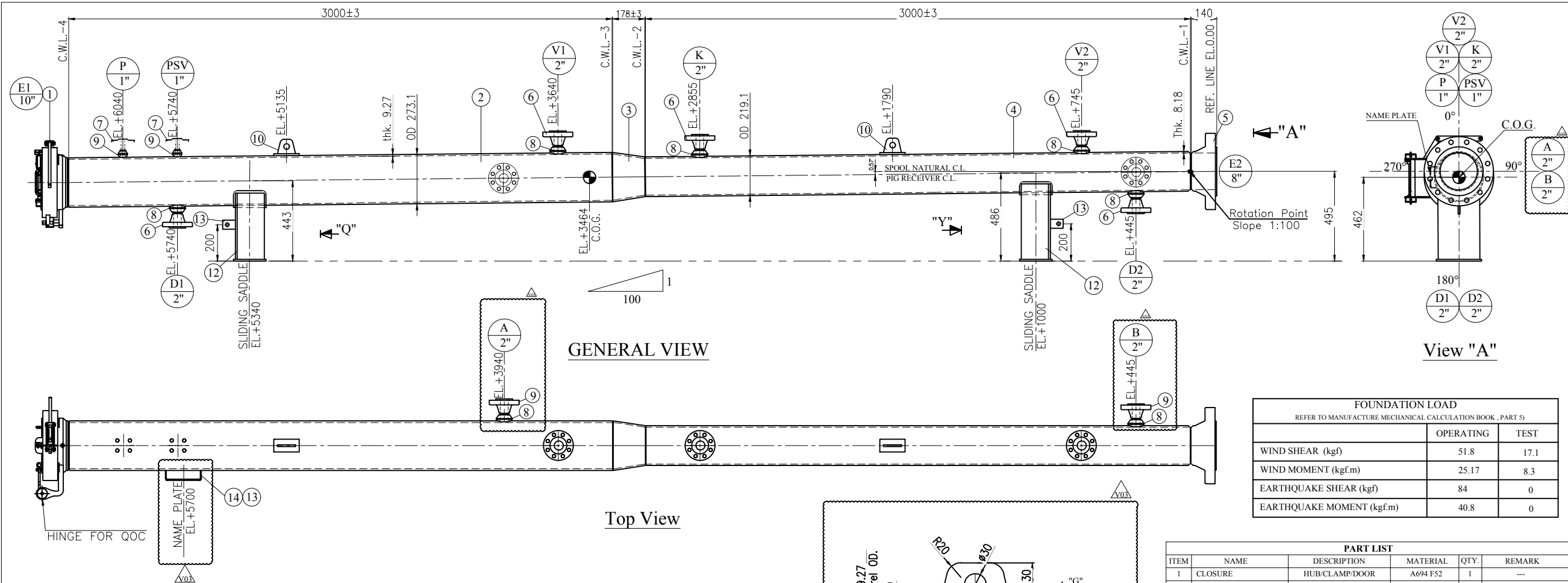




View "A"

GENERAL VIEW

Top View

FOUNDATION LOAD		
REFER TO MANUFACTURE MECHANICAL CALCULATION BOOK , PART 5)		
	OPERATING	TEST
WIND SHEAR (kgf)	51.8	17.1
WIND MOMENT (kgf.m)	25.17	8.3
EARTHQUAKE SHEAR (kgf)	84	0
EARTHQUAKE MOMENT (kgf.m)	40.8	0

- NOTES**
- 1- All wetted parts are comply with NACE MR 0175 / ISO 15156.
 - 2- All dimension are according to S4L 6516(B) and shown in millimeters lineless otherwise stated.
 - 3- Design and construction to be in accordance with codes ASME B31.8 with design factor 0.5
 - 4- Quick opening closure shall be designed to meet the applicable requirements of ASME Sec.VIII, Div.1&2 & IPS-M-PI-130.
 - 5- Pig trap will be properly sloped for ease of pig launching.
 - 6- (saddle height) is related to the location of anchor bolt.
 - 7- All dimension are in millimeters unless otherwise specified.
 - 8- Projection of nozzles measure from surface of trap to the flanges face.
 - 9- Flanges bolt holes to straddle main horizontal and vertical axis.
 - 10- Sealing ring of Q.O.C. material is Viton.

LEGEND

EL :	Elevation	O.D :	Outside Diameter
PROJ:	Projection	C.O.G :	Center of Gravity
R.LINE:	Reference Line	C.L :	Center line
S.S :	Stainless Steel	TH'K :	Thickness
WN :	Welding Neck	RF :	Raised Face
C.W:	Circumferential weld line		

REFERENCE DRAWING

DRG. No.

NISOC STD.	S4L-0516-Rev. B
STANDARD DETAIL DRAWING FOR PRESSURE VESSELS AND HEAT EXCHANGERS	BE-GNRL-PEDCO-000-ME-09-000

KEY PLAN

PART LIST					
ITEM	NAME	DESCRIPTION	MATERIAL	QTY.	REMARK
1	CLOSURE	HUB/CLAMP/DOOR	A694 F52	1	---
2	BARREL	SMLS PIPE 10" , Sch. 40	API 5L X52/PSL2	1	ASME B36.10/Required Thk. 7.9
3	ECCENTRIC REDUCER	10" x 8" , Sch. 40	A 860 WPHY 52	1	ASME B16.9/Required Thk. 7.9
4	SPOOL	SMLS PIPE 8" , Sch. 40	API 5L X52/PSL2	1	ASME B36.10/Required Thk. 7
5	W.N. , R.F. FLANGE	8" , #600 , Sch. 40	A 694 - F52	1	ASME B16.5/Required Thk. 7
6	W.N. , R.F. FLANGE	2" , #600 , Sch. 80	A 105	7	ASME B16.5/Required Thk. 4.7
7	W.N. , R.F. FLANGE	1" , #600 , Sch. 160	A 105	2	ASME B16.5/Required Thk. 4.03
8	WELDOLET	2" , Sch. 80	A 105	7	MSS-SP-97
9	WELDOLET	1" , Sch. 160	A 105	2	MSS-SP-97
10	LIFTING LUG	PLATE, Thk. 10mm	A283-C	2	---
11	PAD LIFTING LUG	PLATE, Thk. 10mm	A283-C	2	---
12	SADDLE ASSEMBLY	PLATE, Thk. 10mm	A283-C	2	ASME Sec. VIII, Div. 1
13	NAME PLATE SUPPORT	PLATE, Thk. 6mm	A283-C	1	---
14	EARTHING LUG	PL. 50*50*5	S.S. - 304	2	---
14	NAME PLATE	PLATE Thk=3 mm	S.S. - 304	1	---

DESIGN DATA

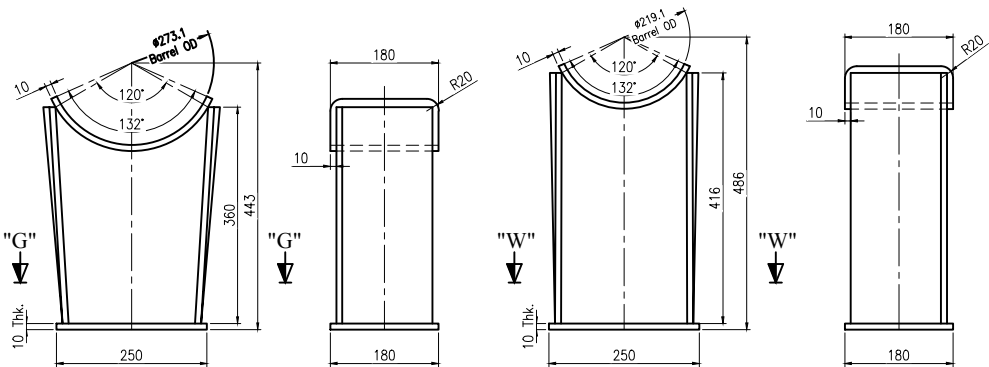
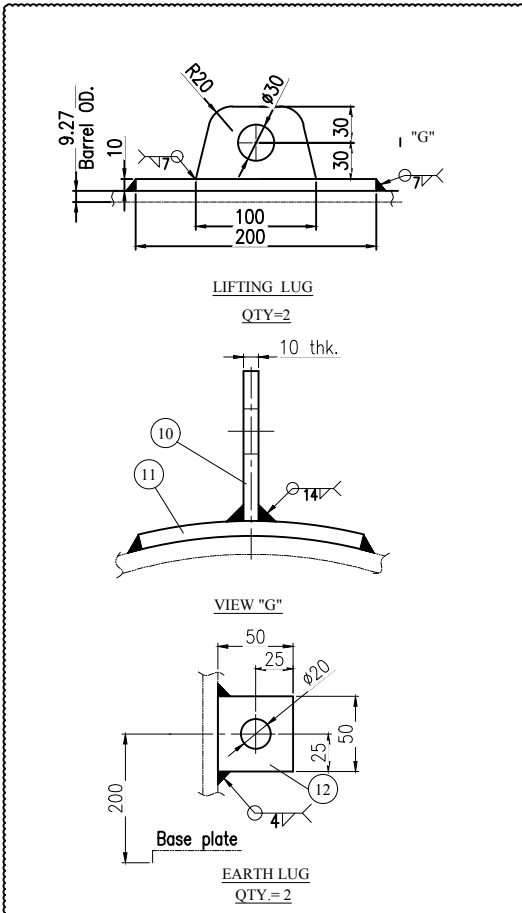
DESIGN CODE \ STANDARD	ASME Sec. VIII, Div. 1/ASME B31.8 / IPS-M-PI-130
DESIGN FACTOR	0.5
DESIGN SPEC'S	S4L-6516(B)
DESIGN PERESSURE	62 barg
DESIGN TEMPERATURE	5-85 °C
SERVICE	SOUR
CORROSION ALLOWANCE	3.2 mm
MEDIUM	HC GAS
MAX. DESIGN WIND SPEED	232 Km/hr.
EARTHQUAKE DATA	ASCE 7-10
WEIGHT - EMPTY	600 Kg
WEIGHT - HYDRO TEST	850 Kg

INSPECTION & TESTING

Non - destructive testing (NDT) will be performed on all welds.	
VISUAL	100% VISUAL & DIM CHECK
RADIOGRAPHY	100% BUTT WELD JOINTS
HYDRO - TEST : SHOP	93 barg
HYDRO - TEST : SITE	93 barg
P.W.H.T.	YES
IMPACT TEST	YES

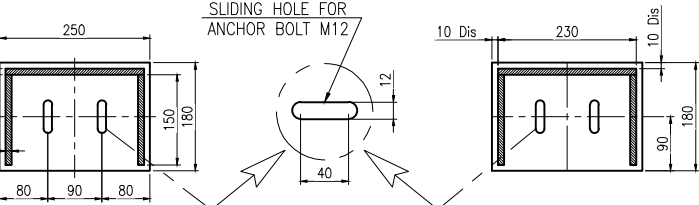
FINISH

INTERNAL :-	CLEAN AND DRY AS WELDED
EXTERNAL :-	CLEAN AND DRY AS WELDED THEN AS PER PAINTING PROCEDURE:BK-GNRL-PEDCO-000-PI-SP-0006



Sliding Saddle View "Q"

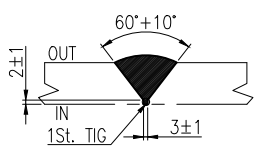
Sliding Saddle View "Y"



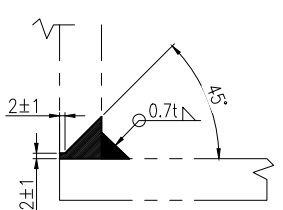
SEC. "G"-"G"

SEC. "W"-"W"

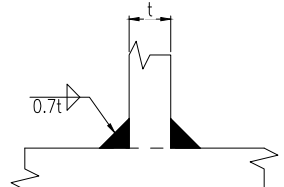
WELD DETAIL



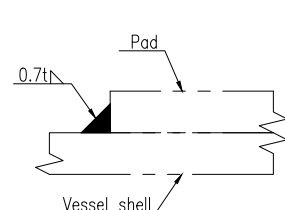
Circ. Seam Weld
C.W.L. 1 ~ 4



Thredolet & Weldolet to Shell



Fillet weld (Plate to Pad)
Fillet weld (Plate to Plate)



Pad to Shell

NOZZLE TABLE									
MARK	SERVICE	DIA.	FLANGES & FITTINGS				ELEV.	TOL.	PROJ.
			RATING	TYPE	FACE	SCH			
A	Kicker Line	2"	600#	W.N.	R.F.	Sch. 80	3940	±3	260
B	Balance Line	2"	600#	W.N.	R.F.	Sch. 80	445	±3	232
D1/D2	Drain	2"	600#	W.N.	R.F.	Sch. 80	5740/445	±3	260/232
E1	Q.O.C	10"	---	---	---	---	---	---	---
E2	Main Pig Outlet	8"	600#	W.N.	R.F.	Sch. 40	---	---	---
P	PG Con.	1"	600#	W.N.	R.F.	Sch.160	6040	±3	248
V1	Vent	2"	600#	W.N.	R.F.	Sch. 80	3640	±3	260
PSV	PSV	1"	600#	W.N.	R.F.	Sch.160	5740	±3	248
V2	Vent	2"	600#	W.N.	R.F.	Sch. 80	745	±3	232
K	Pig Signaler	2"	600#	W.N.	R.F.	Sch. 80	2855	±3	232

V03	May.2024	AFC	Behkoooh Viata	M.PAKHARAN	S.FARAMARZPOUR	** **
V02	Feb.2024	IFR	Behkoooh Viata	M.PAKHARAN	S.FARAMARZPOUR	CO.
V01	Dec.2023	IFR	Behkoooh Viata	M.PAKHARAN	S.FARAMARZPOUR	CO.
V00	Aug.2023	IFR	Behkoooh Viata	M.PAKHARAN	A.M.MOHESEN	CO.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS & GAS-CONDENSATE PIPELINES

PROJECT NO.: 971020

EPC CONTRACTOR:	EPD/EPC CONTRACTOR (GC):
HIRGAN ENERGY	PETROIRAN DEVELOPMENT COMPANY
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES	PEDCO

DRAWING TITLE: General Drawing For Pig Receiver Trap (PR-3201)

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
N.T.S	A3	BK-PPL-BV-320-ME-DW-0004	1 of 1	V03

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BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS & GAS-CONDENSATE PIPELINES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	DATE: