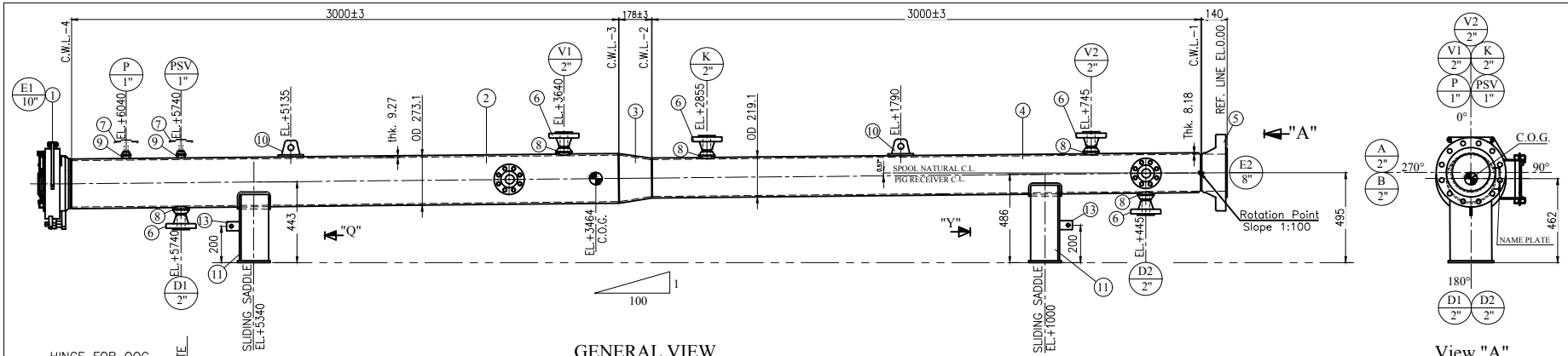
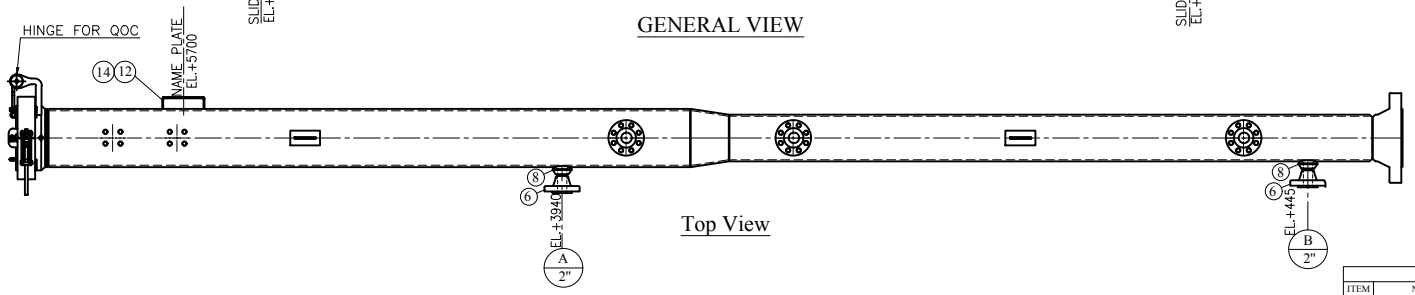
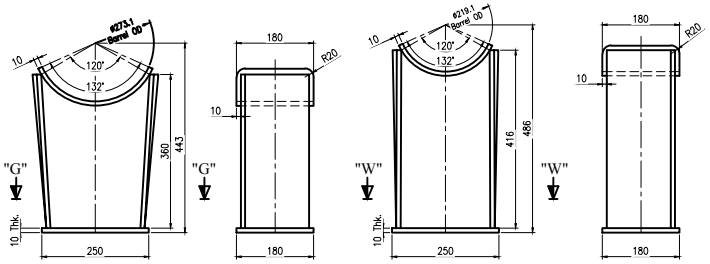


GENERAL VIEW

View "A"

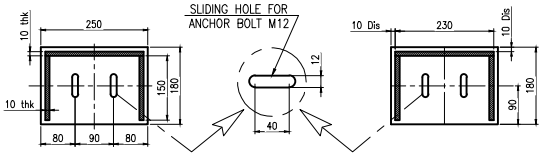


Top View



Sliding Saddle View "Q"

Sliding Saddle View "Y"



SEC. "G"-"G"

SEC. "W"-"W"

NOZZLE TABLE

MARK	SERVICE	DIA.	FLANGES & FITTINGS				ELEV.	TOL.	PROJ.	TOL.	ORI.
			RATING	TYPE	FACE	SCH					
A	Kicker Line	2"	600#	W.N.	R.F.	Sch. 80	3940	±3	260	±3	270°
B	Balance Line	2"	600#	W.N.	R.F.	Sch. 80	445	±3	232	±3	270°
D1/D2	Drain	2"	600#	W.N.	R.F.	Sch. 80	5740/445	±3	260/232	±3	180°
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	±3	0°
V1	Vent	2"	600#	W.N.	R.F.	Sch. 80	3640	±3	260	±3	0°
PSV	PSV	1"	600#	W.N.	R.F.	Sch.160	5740	±3	248	±3	0°
V2	Vent	2"	600#	W.N.	R.F.	Sch. 80	745	±3	232	±3	0°
K	Pig Signaler	2"	600#	W.N.	R.F.	Sch. 80	2855	±3	232	±3	0°

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 unless 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 slopped 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.
NIOC STD.	S4L-6516-Rev. B
STANDARD DETAIL DRAWING FOR PRESSURE VESSELS AND HEAT EXCHANGERS	BK-GNRAL-PEDCO-000-ME-DT-0008

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	SADDLE ASSEMBLY	PLATE, Thk. 10mm	A283-C	2	ASME Sec. VIII, Div. 1
12	NAME PLATE SUPPORT	PLATE, Thk. 6mm	A283-C	1	---
13	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.

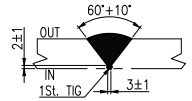
VISUAL	100% VISUAL & DIM CHECK
RADIOGRAPHY	100% BUTT WELD JOINTS
HYDRO - TEST : SHOP	93 barg
HYDRO - TEST : SITE	93 barg
P.W.H.T.	YES
IMPACT TEST	YES

FINISH

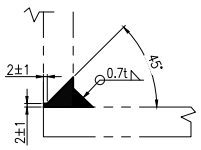
INTERNAL : - CLEAN AND DRY AS WELDED

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

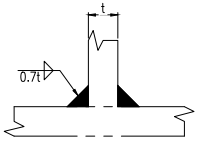
WELD DETAIL



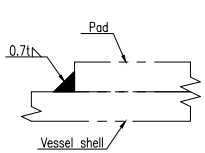
Circ. Seam Weld
C.W.L. 1 ~ 4



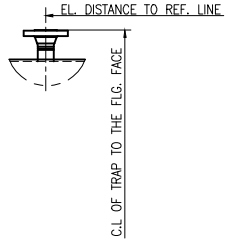
Threadolet & Weldolet to Shell



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



Pad to Shell



REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
V02	Feb.2024	IFR	Behkooh Vista	M.FAKHAMAN	S.FARAMARZPOUR	**.**
V01	Dec.2023	IFR	Behkooh Vista	M.FAKHAMAN	S.FARAMARZPOUR	CO
V00	Aug.2023	IFR	Behkooh Vista	M.FAKHAMAN	A.M.MOHSENI	CO

REV.	DESCRIPTION	CHECKED BY	DATE	REV. APPR. BY	DATE
***	**********	**.**	***.****	**.**	***.****

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

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY — PEDCO

BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS & GAS-CONDENSATE PIPELINES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION | BY: | DATE:

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	V02

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION