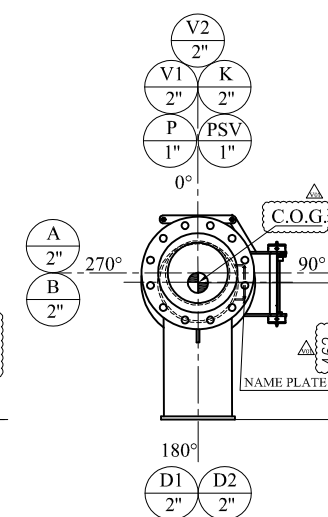
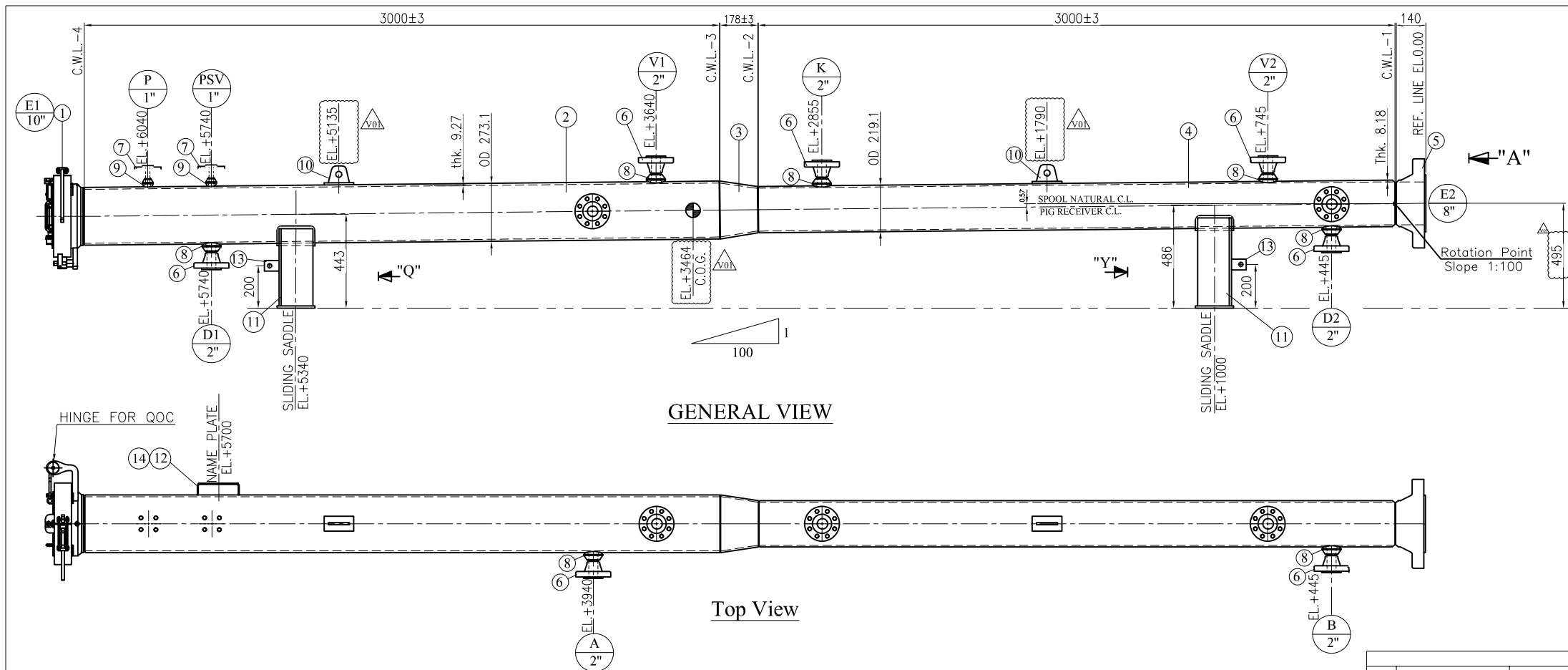
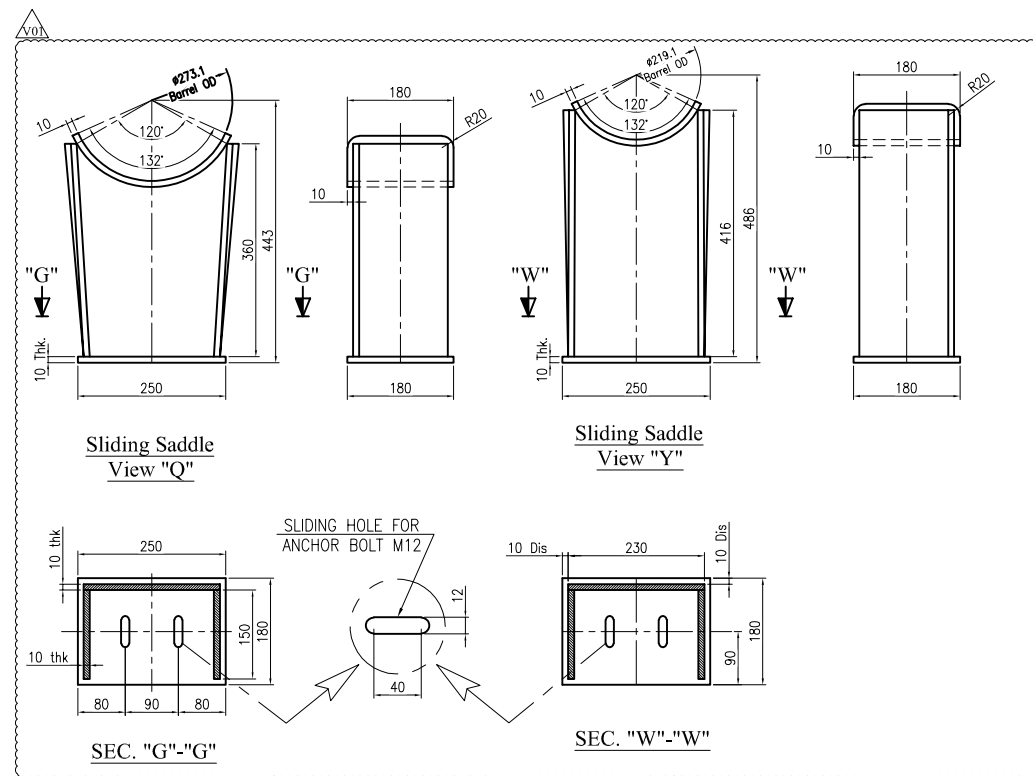




View "A"

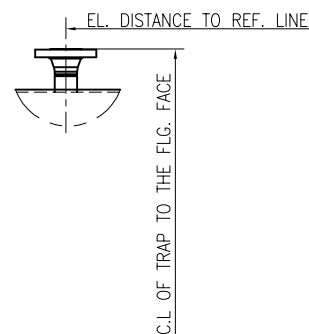
GENERAL VIEW

Top View



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



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. 7.5	
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. 4.0	
8	WELDLEET	2", Sch. 80	A 105	7	MSS-SP-97	
9	WELDLEET	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-PL-130
DESIGN FACTOR	0.5 
DESIGN SPEC'S	S4L-6516(B)
DESIGN PERESSURE	62 barg
DESIGN TEMPERATURE	-85 °C 
SERVICE	SOUR
CORROSION ALLOWANCE	3.2 mm
MEDIUM	HC GAS
MAX. DESIGN WIND SPEED	120 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-SPP-00	

V01	Dec.2023	IPR	Behkoozh Yusta	M.FAKHARIAN	S.FARAMARZPOUR	..**			
V00	Aug.2023	IPR	Behkoozh Yusta	M.FAKHARIAN	A.M.MOHESEN	..**			
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):						
  HURGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY						
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		V01	

NOTES

- 1- All wetted parts 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 0.72 .
- 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 designed 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

NISOC STD.	S4L-6516-Rev. B
STANDARD DETAIL DRAWING FOR PRESSURE VESSELS AND HEAT EXCHANGERS	SK-GENRAL-PECO-000-M2-DW-0001

KEY PLAN



THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH
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DATE		SCALE		DRAWING BY		CHECKED BY		PROJECT ENG.	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED									
APPROVED FOR CONSTRUCTION					BY:		DATE:		
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.			SHEET	REVISION	