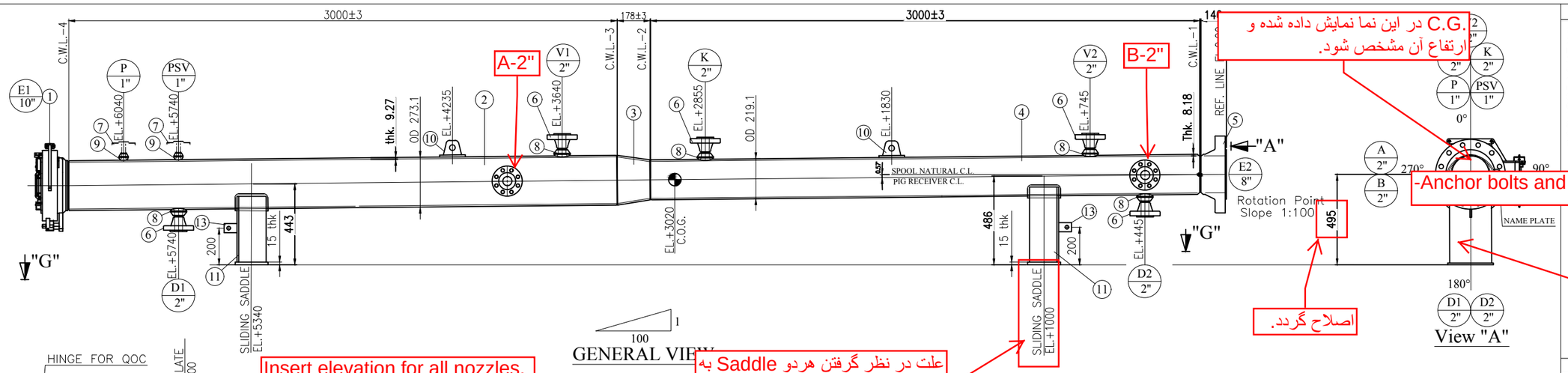


C.G. در این نما نمایش داده شده و ارتفاع آن مشخص شود.

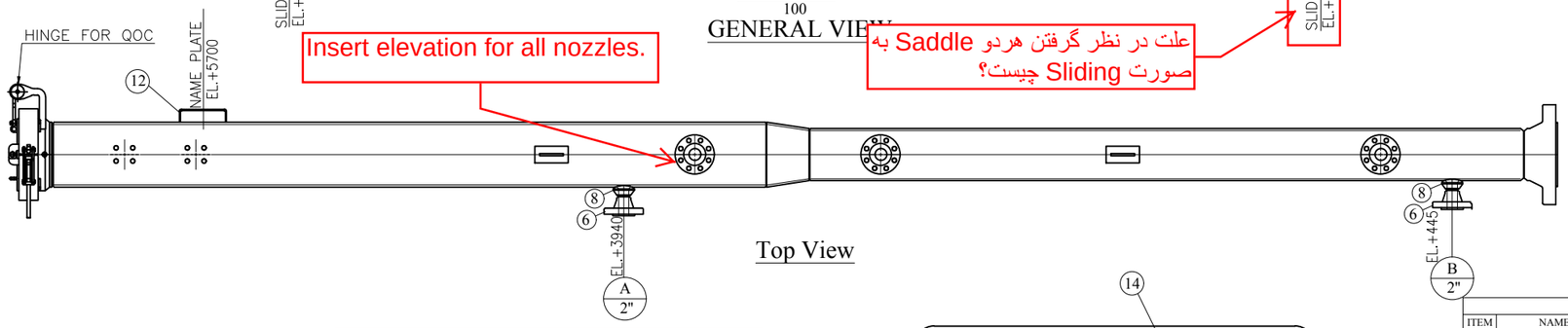
-Anchor bolts and nuts will be supplied by vendor.

نمای ارتفاعی سدل ها نشان داده شود. مشخصات و ابعاد wear plate, Rib plate, Web plate درآن قید گردد.

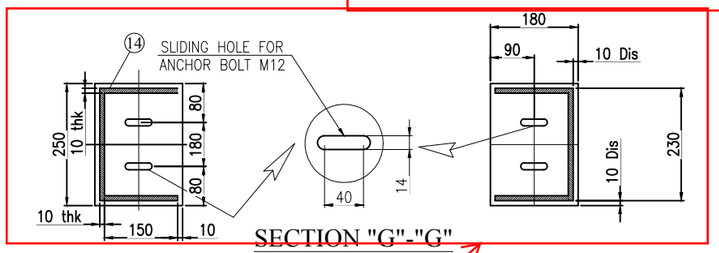
اصلاح گردد.

علت در نظر گرفتن هردو Saddle به صورت Sliding چیست؟

Insert elevation for all nozzles.



Detail براي Name plate مي بايست در مدرك Name plate drawing آورده شود و كليه اطلاعات و اندازه ها مي بايست بر اساس Standard drawing باشد.



سايز Saddle Base plate مي بايست براساس محاسبات بوده و با يكديگر يكسان باشند.

مطابق مدرك PID و Piping Assembly Drawing سايزنازل مي بايست "2 در نظر گرفته شود.

مطابق مدرك PID و با توجه به اينكه سايز خط "2 بوده،مي بايست سايز نازل "2 در نظر گرفته شود.

VISTA

St.106, No.3, Industrial Estate, Arak, Iran
Tel.: +98 355 3981, Mobile: +98 364 9257

PRODUCT NAME	RECEIVER	END USER	N.I.S.O.C.
DESIGN CODE	ASME B 31.8	SERIAL NO.	
SIZE			
RATING			
BODY MATRIAL	API 5L-X52/PSL2 NACE MR 0175 / ISO 15156	TEST PRESS.	93Barg
		P.W.H.T.	YES
CORR. ALLOW.	3.2mm	YEAR BUILT	2023
SERVICE	SOUR	FAB. WEIGHT	570 Kg

2"-#600-sch.160

2"-sch.160

ضخامت Lifting lug مشخص گردد.

ضخامت كليه ورق ها مشخص گردد.

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 0.72 .
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 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.
**********	******

PART LIST

ITEM	NAME	DESCRIPTION	MATERIAL	QTY.	REMARK
1	CLOSURE	HUB/CLAMP/DOOR	A694 F52	1	---
2	BARREL	SMLS PIPE 10" , Thk. 9.27	API 5L X52/PSL2	1	ASME B36.10/Required Thk. 7.9
3	ECCENTRIC REDUCER	10" x 8", Thk. 9.27	A 860 WPHY 52	1	ASME B16.9/Required Thk. 7.9
4	SPOOL	SMLS PIPE 8" , Thk. 8.18	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	A283-C	2	---
11	SADDLE ASSEMBLY	PLATE	A283-C	2	
12	NAME PLATE SUPPORT	PLATE	A283-C	1	
13	EARTHING LUG	PL. 50*50*5	S.S	2	
14	NAME PLATE	PLATE Thk=1	S.S.	1	

DESIGN DATA

DESIGN CODE \ STANDARD	ASME Sec. VIII, Div. 1/ASME
DESIGN FACTOR	0.72
DESIGN SPEC`S	S4L-6516(B)
DESIGN PERESSURE	62 barg
DESIGN TEMPERATURE	3.24~85 °C
SERVICE	SOUR
CORROSION ALLOWANCE	3.2 mm
MEDIUM	HC GAS
MAX. DESIGN WIND SPEED	110 Km/hr.
EARTHQUAKE DATA	ASCE 7-10
WEIGHT - EMPTY	570 Kg
WEIGHT - HYDRO TEST	980 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

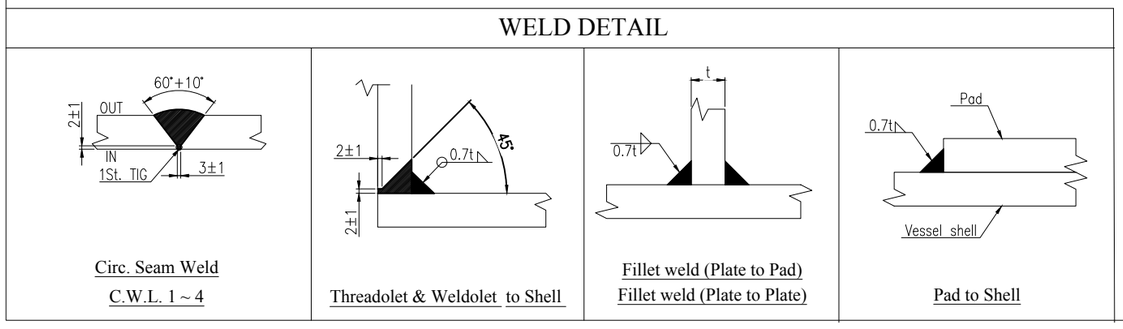
EXTERNAL : - CLEAN AND DRY AS WELDED THEN AS PER PAINTING PROCEDURE:BK-GNRAL-PEDCO-000-PI-SP-0006

General Arrangement drawing to package shall include necessary information as below:
1- Wind & Seismic load,moment at base.
2- Allowable force & moment for nozzles.
3- Reference document Table.
4- insert vessel dimension and Thk. in the design data table.
5- coating of the internal and external shall be specified.
6-The location of the nozzles shall be based on the 3D model of the project.

NOZZLE TABLE

MARK	SERVICE	DIA.	FLANGES & FITTINGS RATING	TYPE	FACE	SCH	ELEV.	TOL.	PROJ.	TOL.	ORI.
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°

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.
V00	Aug.2023	IFR	Behkooh Vista	M.FAKHARIAN	A.M.MOHSENI	**.**

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

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

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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	V00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION