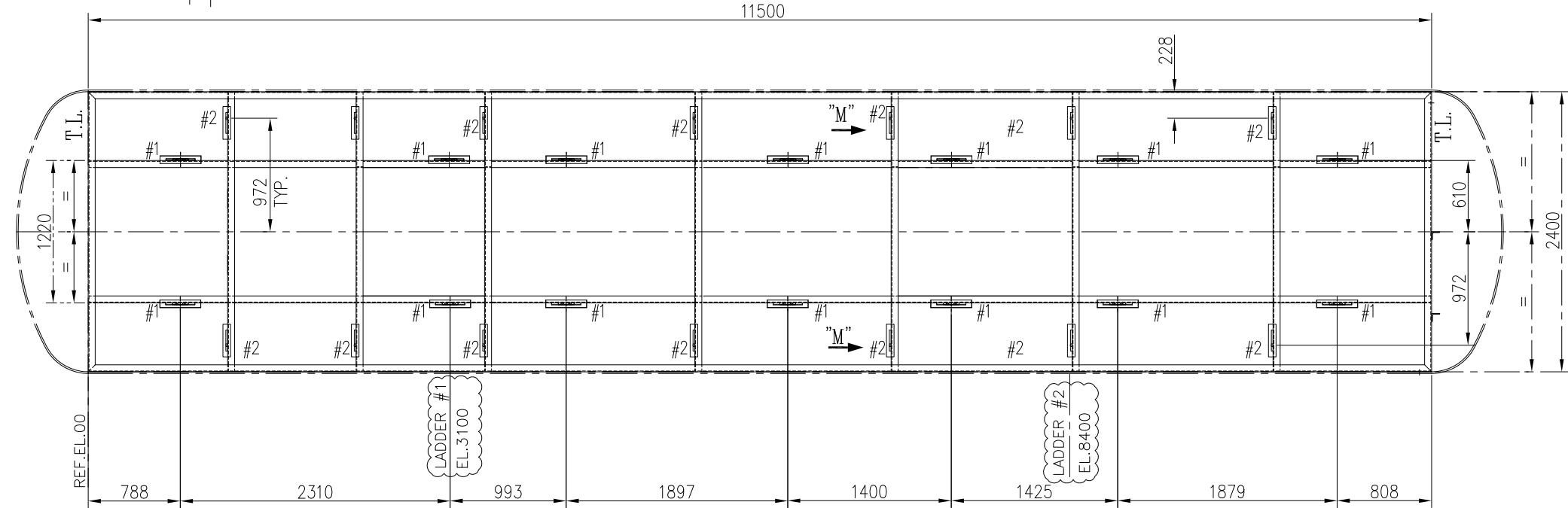
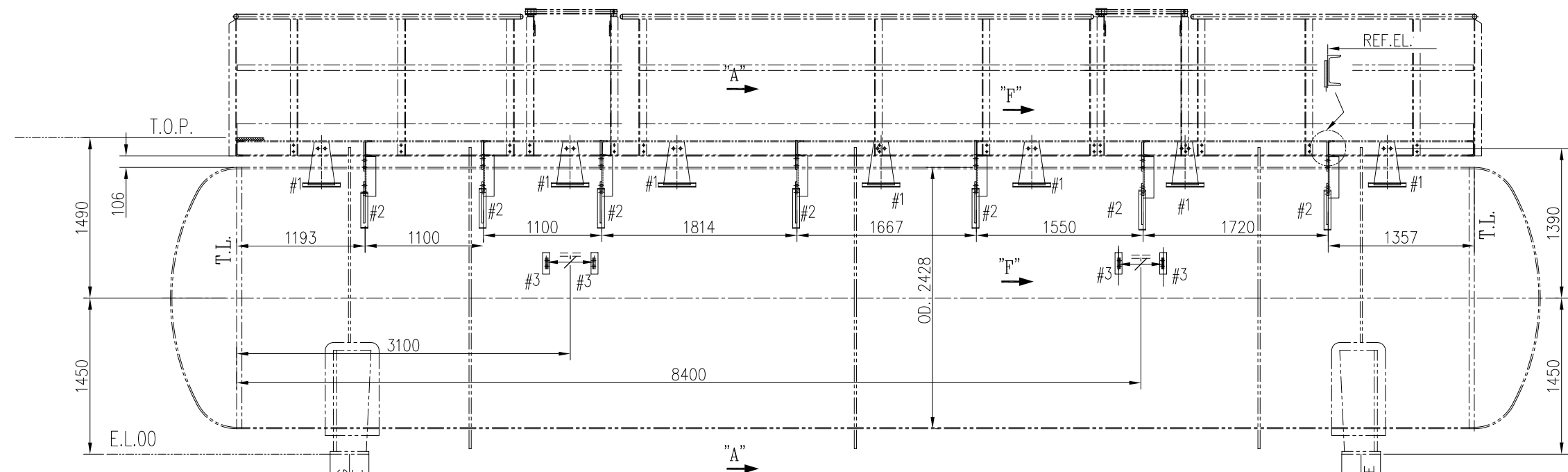
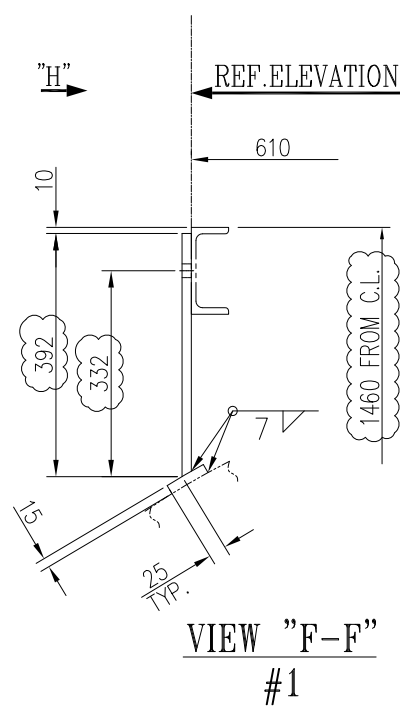
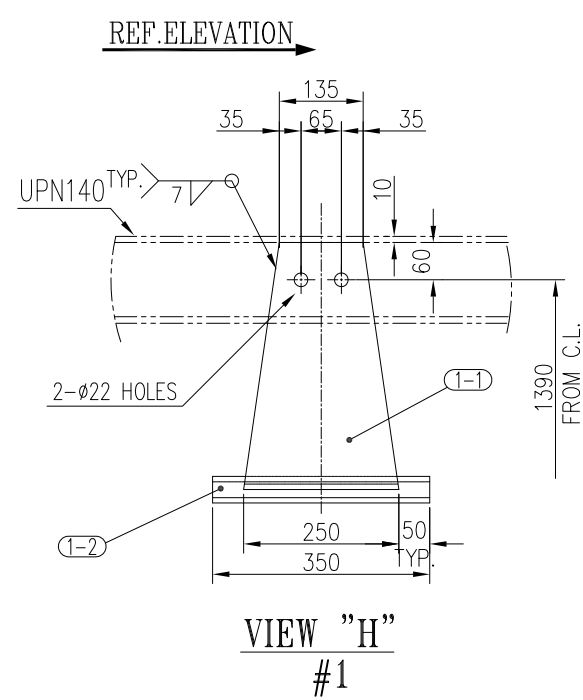




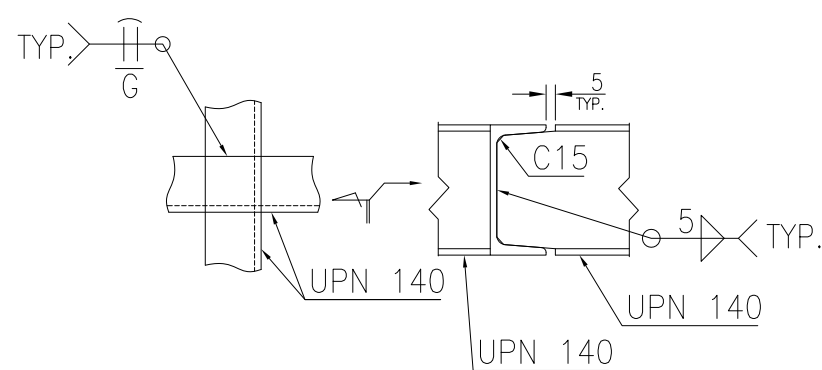
TOP VIEW



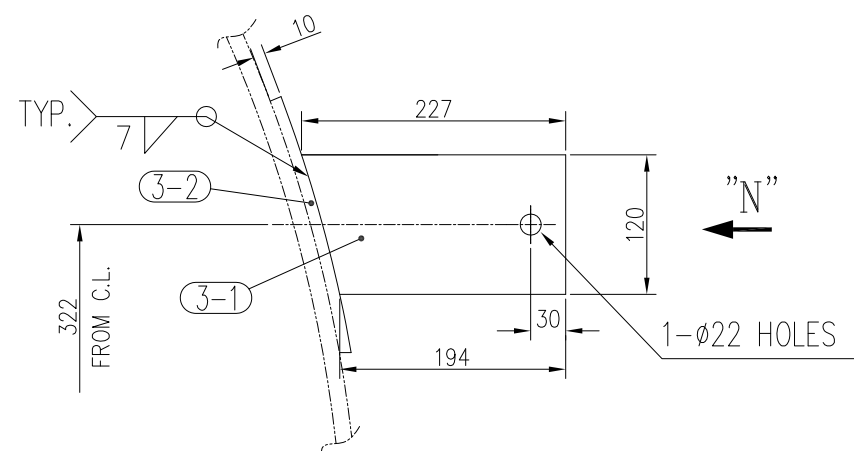
VIEW "F-F"
#1



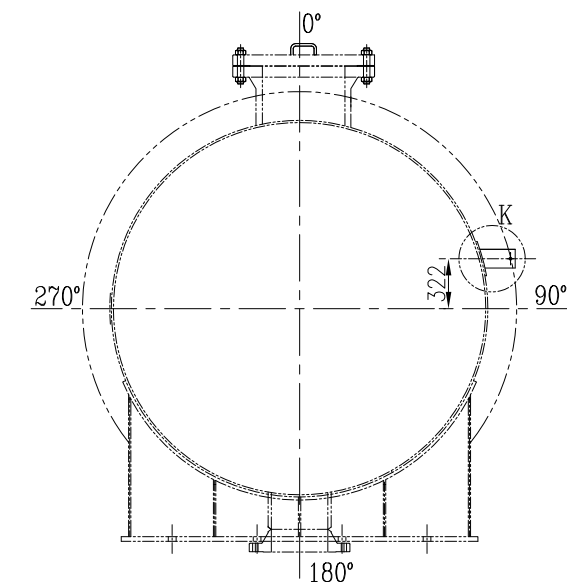
VIEW "H"
#1



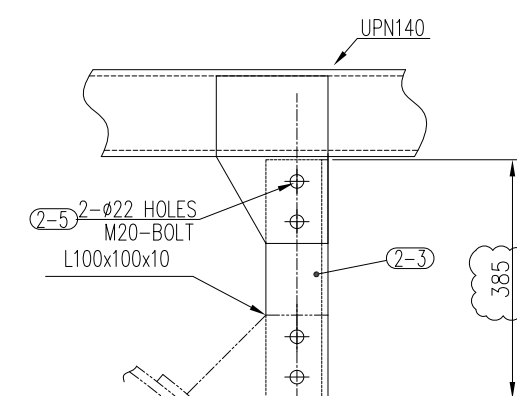
DETAIL OF JOINT



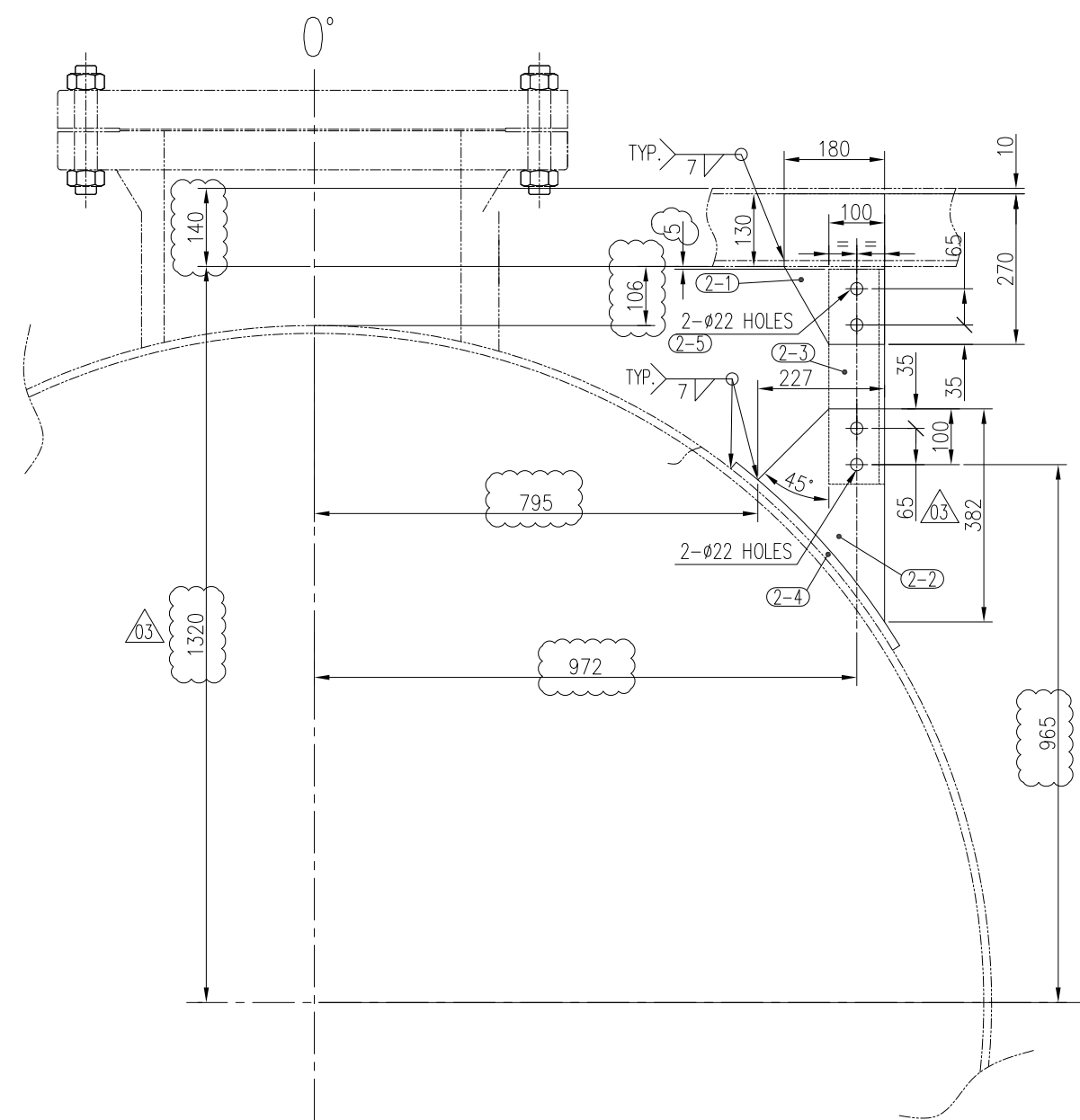
DETAIL FOR LADDER "K"
#3



VIEW "A-A"



DETAIL "M"



DETAIL "M"
#2

BILL OF MATERIALS

NO.	PARTICULARS	RQD MAIN SPA	UNIT	WEIGHT (Kg) TOTAL	MATERIAL	REMARK
1-1	PL 15 X 250 X 392	14	-	12	168	SA 516 70N #1
1-2	PL 15 X 67 X 350	14	-	3	42	SA 516 70N #1 PAD
2-1	PL 15 X 180 X 270	14	-	6	84	SA 36 #2
2-2	PL 10 X 227 X 382	14	-	6	89	SA 516 70N #2
2-3	L10X100X100 L=385.5	14	-	8.8	124	SA 36 #2
2-4	PL 15 X 65 X 368	14	-	3	42	SA 516 70N #2 PAD
2-5	HEX B/N M20 x L=50	90	-	-	-	SA193 GR.B7M/SA194-GR.2HM
3-1	PL 15 X 120 X 227	4	-	1	4	SA 516 70N #3
3-2	PL 15 X 65 X 200	4	-	1.5	6	SA 516 70N #3 PAD

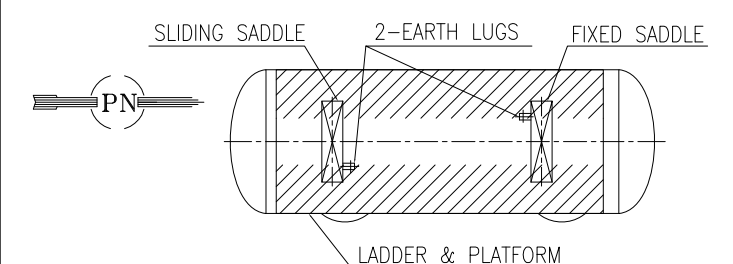
WEIGHT PER 1 SET : 560 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 560 Kg



NOTES

1- All dimensions are mm unless otherwise noted.

AS BUILT

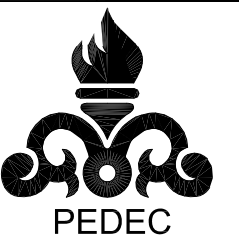


03	02-Dec-2023	Issued for Approval	A.Asadi	M.Pilevar	M.Jafari	M.Jafari
02	02-Oct-2019	Issued for Approval	A.Asadi	M.Pilevar	M.Jafari	M.Jafari
01	16-July-2019	Issued for Approval	A.Asadi	M.Pilevar	M.Jafari	M.Jafari
00	20-Mrc-2019	Issued for Approval	NOR	F.S. Morshedi	G.RM	
Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANGEMENT CONTRACTOR:



CLIENT:



CONTRACTOR:



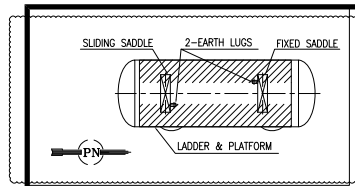
PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
VESSEL DRUMS PACKAGE

FACILITIES:
SURFACE PRODUCTION FACILITIES

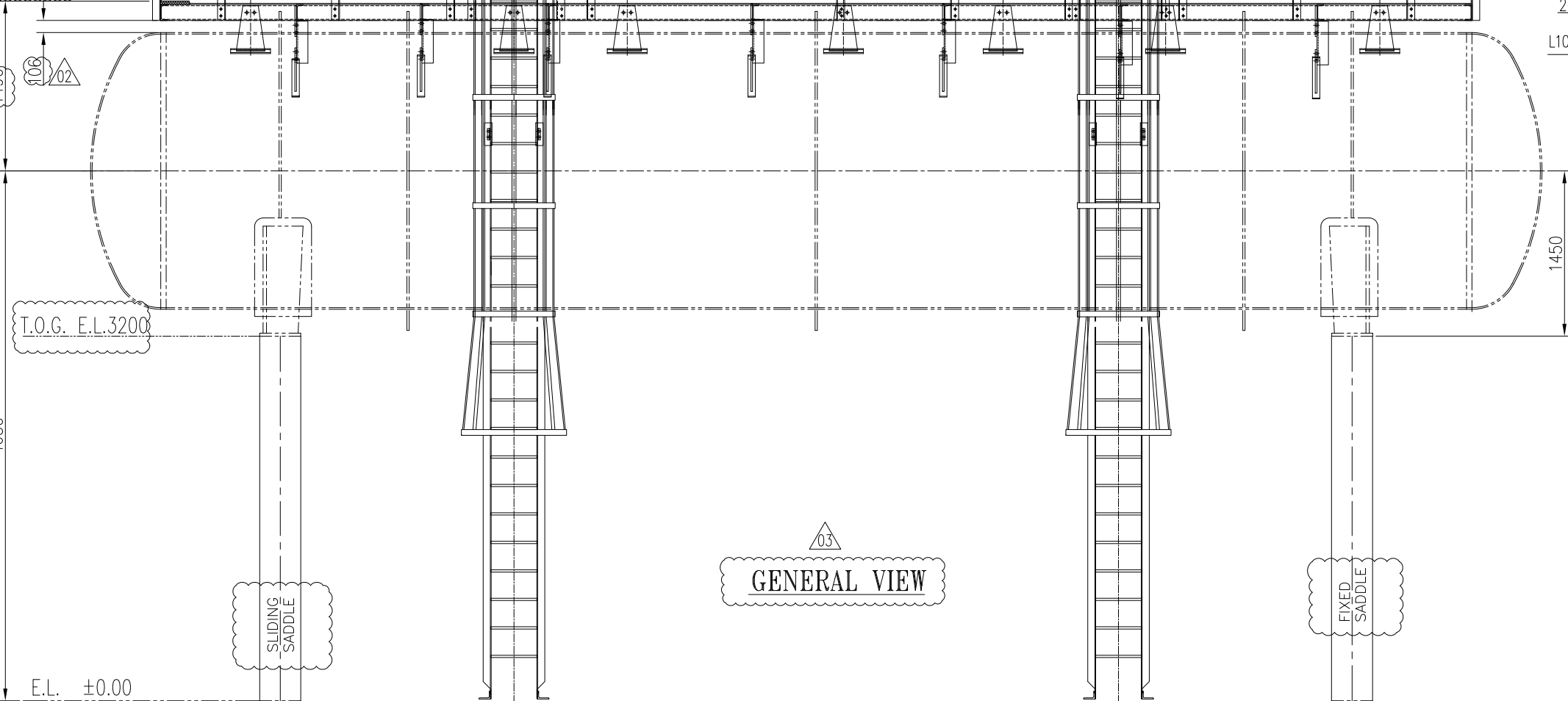
DRAWING TITLE:
LADDER & PLATFORM (CLIPS)
FOR (V-20022200) Produced Water Degasser Drum

SCALE	SIZE	CLASS
1/1	A2	A
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED		
DOCUMENT NUMBER : SA01-PV-CPEPX-ME-DWVD-0207	VD-V090-0102-007	
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE
SA01-PV	CPEPX	ME
SEQUENCE No.	REVISION	SHEET
0207	03	1/4

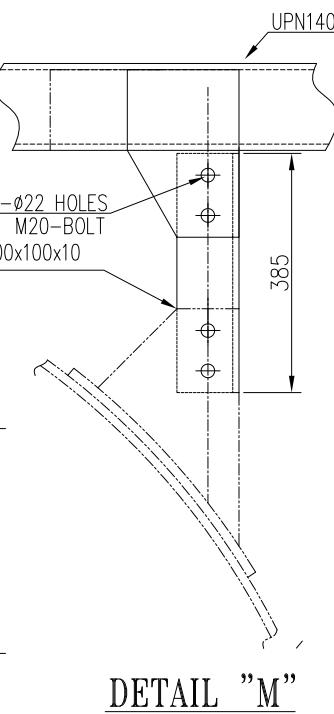
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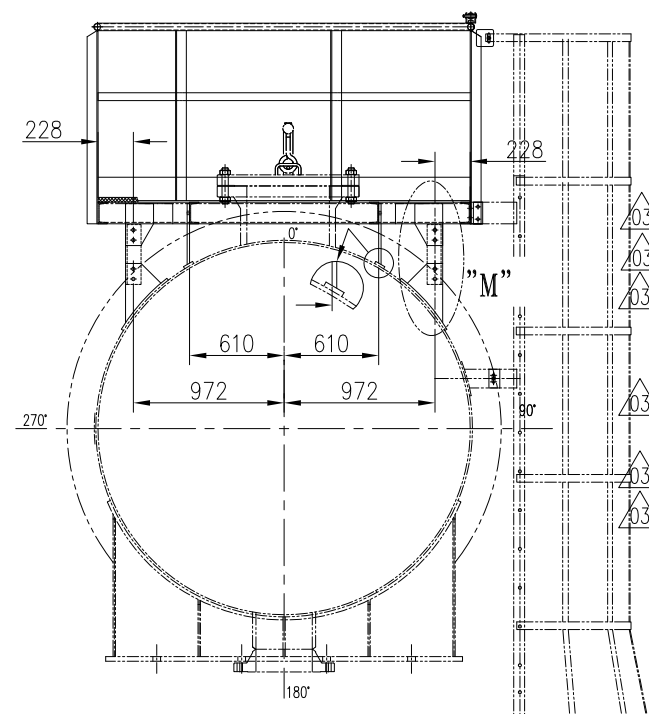
T.O.P. EL. 6140



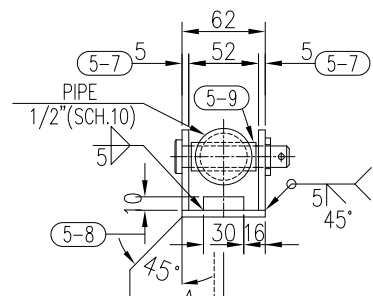
GENERAL VIEW



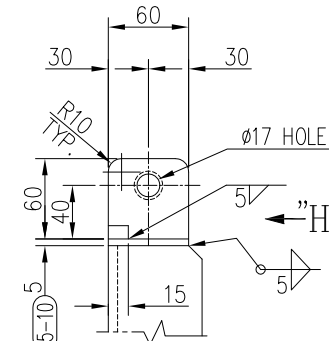
DETAIL "M"



DETAIL "G"



VIEW "H"



AS BUILT

BILL OF MATERIALS

NO.	PARTICULARS	RQD	WEIGHT (Kg)		MATERIAL	REMARK	
		MAIN/SPA	UNIT	TOTAL			
1-1	UPN 140 X L=11500	2	-	184	368	ST 37	FRAME
1-2	UPN 140 X L=2400	2	-	38	76	ST 37	FRAME
1-3	UPN 140 X L=2386	7	-	37	259	ST 37	FRAME
1-4	UPN 140 X L=1186	2	-	17	34	ST 37	FRAME
1-5	UPN 140 X(L=1093	4	-	17	68	ST 37	FRAME
1-6	UPN 140 X L=1343	4	-	27	108	ST 37	FRAME
1-7	UPN 140 X L=1807	2	-	28	56	ST 37	FRAME
1-8	UPN 140 X L=1660	2	-	26	52	ST 37	FRAME
1-9	UPN 140 X(L=1543	2	-	27	54	ST 37	FRAME
1-10	UPN 140 X L=1713	4	-	27	108	ST 37	FRAME
2-1	L70X70X7 L=1246	29	-	9.17	258	ST 37	FRAME
2-2	HEX. BOLT & NUT/W M16, L=40	72	-	9.17	268	SA193 GR.B7M/SA194-GR.2HM	
3-1	F.B. 50 X 8 X L=27100	1	-	84	84	ST 37	MID RAIL
3-2	F.B. 150 X 6 X L=27100	1	-	187	187	ST 37	TOE RAIL
4-1	PIPE 1 1/2" ,SCH.40 X L=27500	1	-	112	112	SA 53	PIPE
4-2	CAP 1 1/2" ,SCH.40	4	-	0.5	2	SA 420-WPL6	CAP
5-1	L70X70X7 L=1295	4	-	9.5	40	ST 37	SAFETY GATE
5-2	PIPE 1 1/4" ,SCH.40 X L=850	2	-	3.44	8	SA 53	SAFETY GATE
5-3	PL. 5 X 60 X 60	4	-	0.5	2	ST 37	SAFETY GATE
5-4	PL. 10 X 30 X 40	2	-	0.1	0.2	ST 37	SAFETY GATE
5-5	PIPE 2" ,SCH.80 X L=100	2	-	28	56	ST 37	SAFETY GATE
5-6	PL. 5 X 60 X 74	2	-	0.2	0.4	ST 37	SAFETY GATE
5-7	PL. 5 X 60 X 60	4	-	0.1	0.4	ST 37	SAFETY GATE
5-8	PL. 10 X 15 X 30	4	-	0.01	0.04	ST 37	SAFETY GATE
5-9	PIPE 1/2" ,SCH.STD X L=50	2	-	0.061	0.122	ST 53	SAFETY GATE
5-10	PL. 5 X 60 X 62	2	-	0.1	0.2	ST 37	SAFETY GATE
5-11	CLEVIS PINØ16 ,L=80	2	-	0.1	0.2	FA 436	ISO 2341-B-16X80M-ST
5-12	SPLIT PIN Ø4 ,L=25	2	-	0.01	0.02	ST 37	DIN 94-4X25-ST
5-13	WASHER ID. 18 X O.D.28 X THK.=4	4	-	0.03	0.12	ST 37	ISO 8738-18-ST
5-14	PL. 6 X 110 X110	4	-	0.5	2	ST 37	SAFETY GATE

WEIGHT PER 1 SET : 2201 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 2201 Kg

NOTES

- To be added: Notes:
- All dimensions are mm unless otherwise noted.
 - All sharp corners & burrs shall be removed before final surfaces coating.
 - All surfaces shall be coated as per project specification.
 - Bolt/nut/washer in structural parts shall be considered as follows:
 - Bolt: A325, Nut: A563, Washer: F436
 - Panel length and panel width shall be met following:
 - Shall be less 2400 mm
 - Panel weight shall be less than 90kg (=2.5 m2)
 - Grating shall be anchored with saddle clip anchors and self drilling screws.
 - Anchors shall be designed to fit over two bearing bars and a minimum of four anchors shall be provided for each panel also a minimum of four anchors shall be provided for each square meter of grating panel: Max. of (4/pc, 4/m2).
- The anchors shall be supplied by the fabricator with five percent extra to cover losses.

03	02-Dec-2023	Issued for Approval	A.Asadi	M.Pilevar	M.Jafari	M.Jafari
02	02-Oct-2019	Issued for Approval	A.Asadi	M.Pilevar	M.Jafari	M.Jafari
01	20-May-2019	Issued for Approval	A.Asadi	M.Pilevar	M.Jafari	M.Jafari
00	20-Mrc-2019	Issued for Approval	NOR	F.S	Morshedi	G.RM
Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANAGEMENT CONTRACTOR:

CLIENT:



PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
VESSEL DRUMS PACKAGE

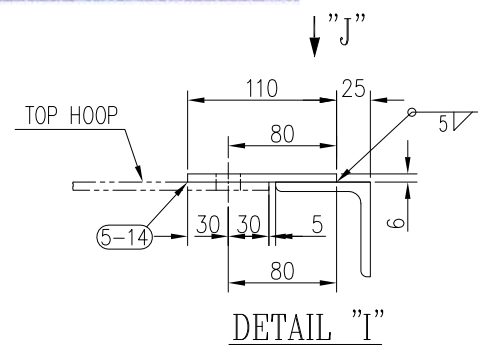
FACILITIES: SURFACE PRODUCTION FACILITIES

DRAWING TITLE:
LADDER & PLATFORM (PLATFORM)
FOR (V-20022200) Produced Water Degasser Drum

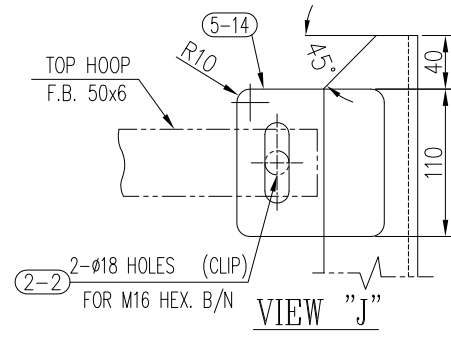
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED		
DOCUMENT NUMBER : SA01-PV-CTEPX-ME-DWVD-0207	VD-V090-0102-007	
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE
SA01-PV	CTEPX	ME
DOCUMENT CODE	SEQUENCE No.	REVISION
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SHEET		2/4

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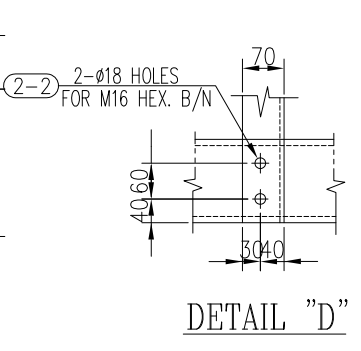
برای
ساخت
FOR
FABRICATION
AZARAB IND CO
DESIGN & ENG DEPT.



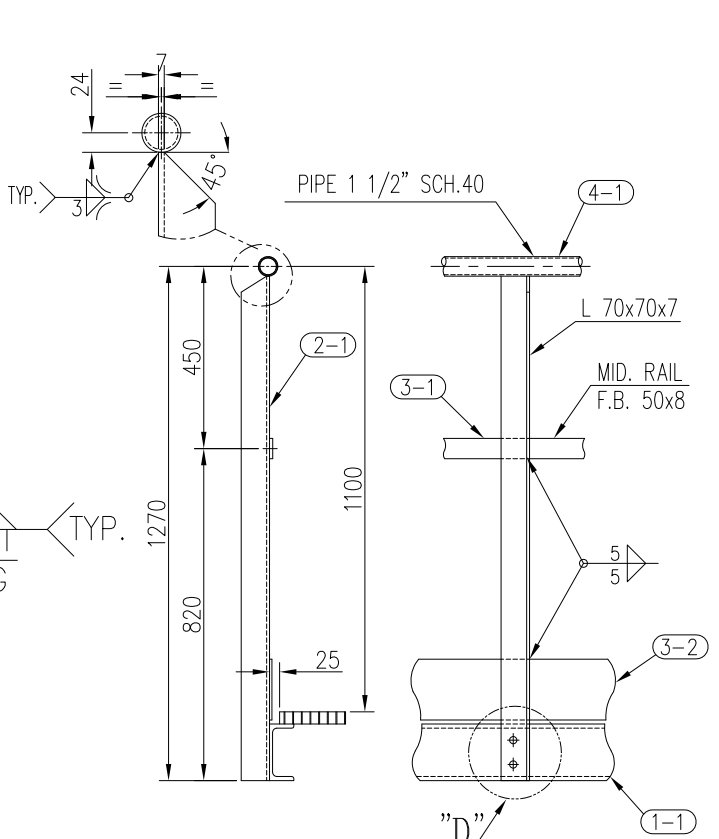
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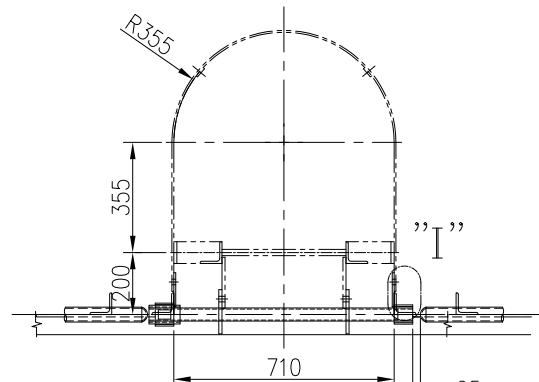
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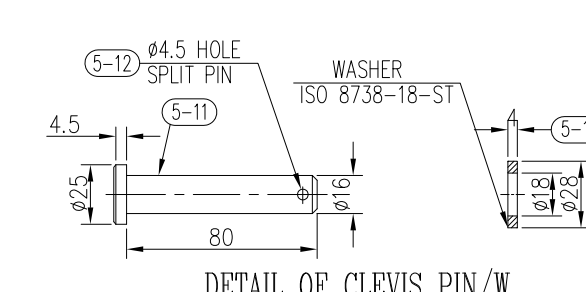
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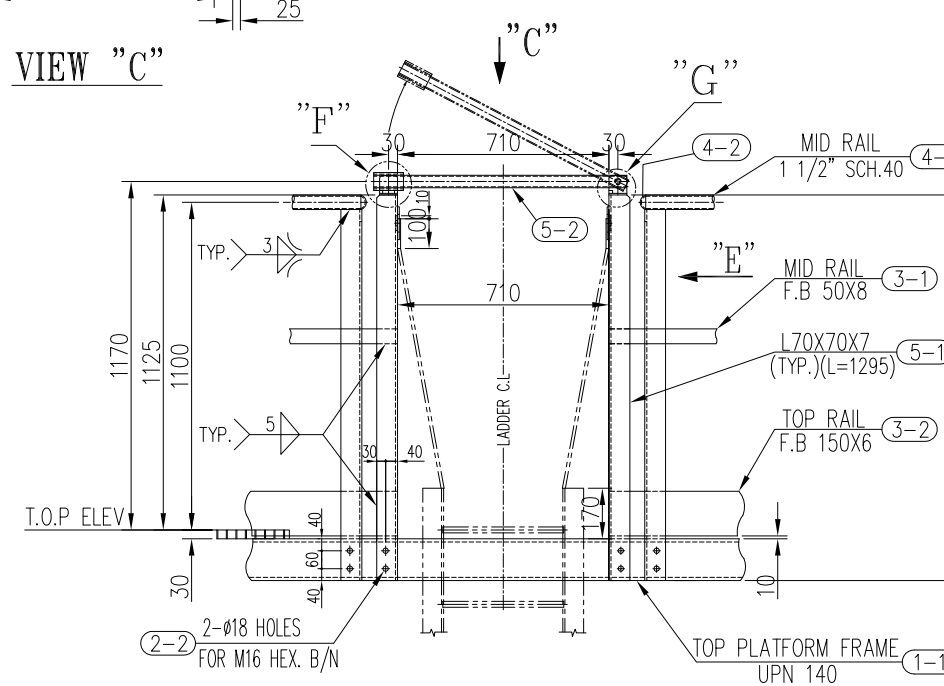
DETAIL OF HANDRAIL



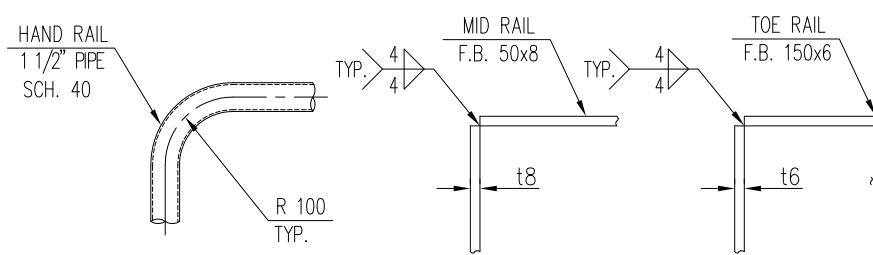
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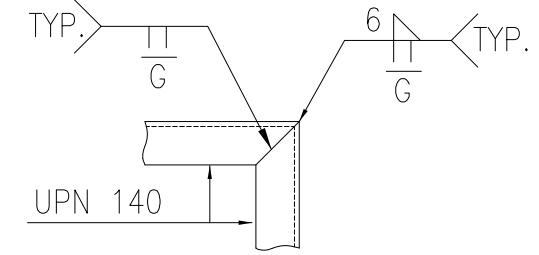
DETAIL OF CLEVIS PIN/W



DETAIL OF SAFETY GATE

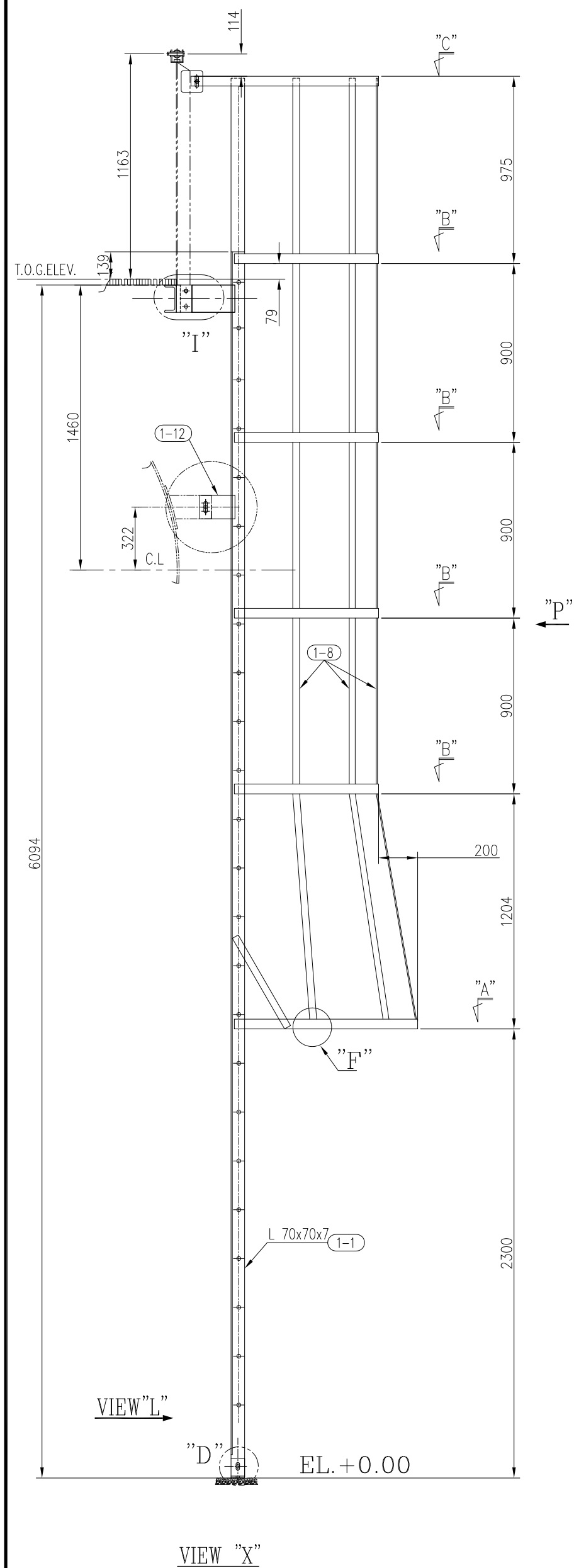


TYP. HANDRAIL CORNER DETAIL

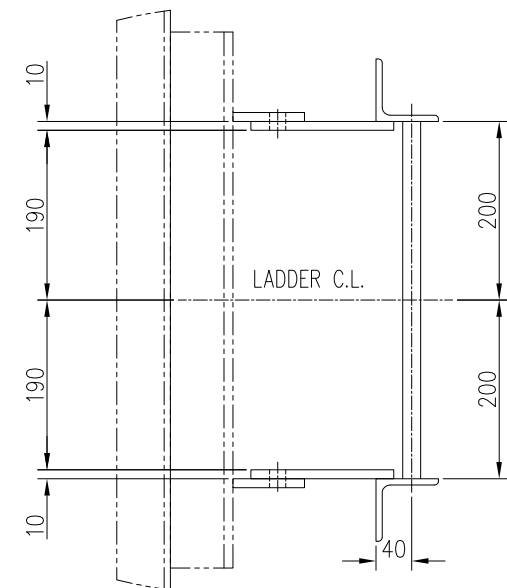
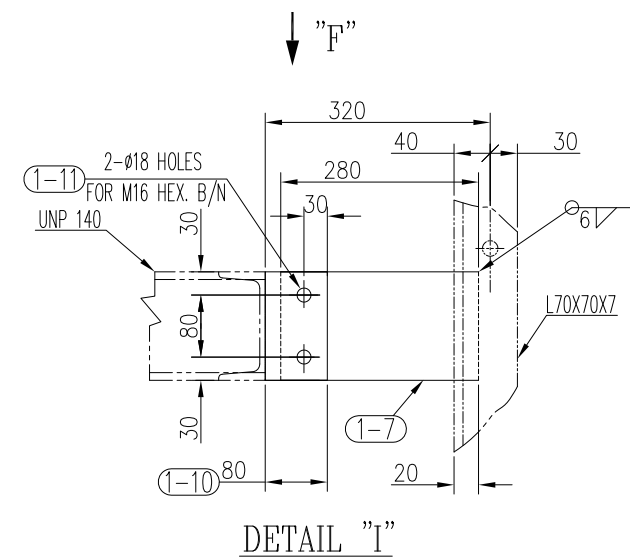
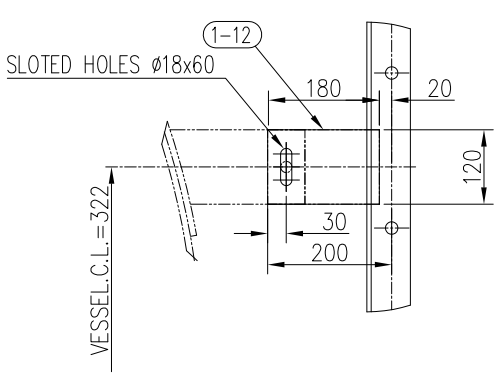
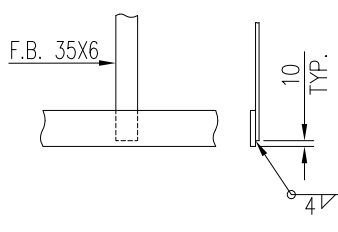
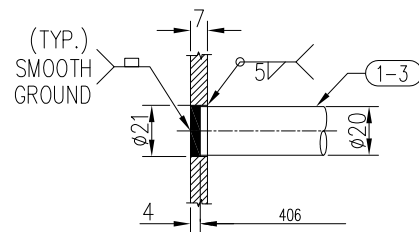
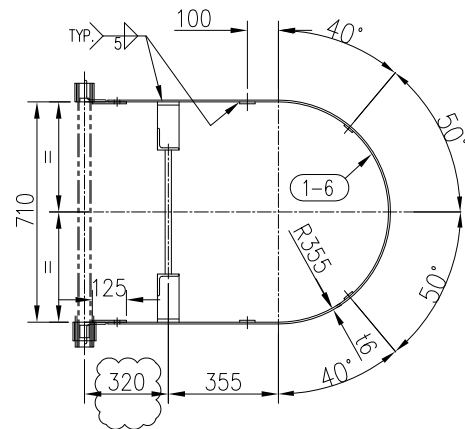
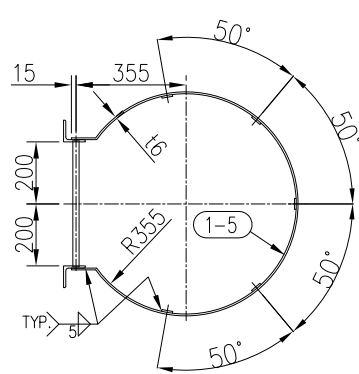
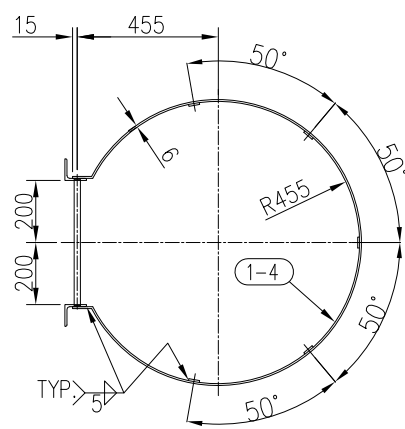
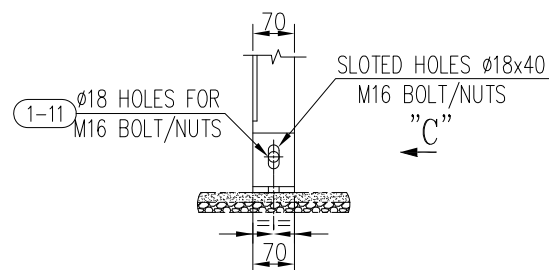
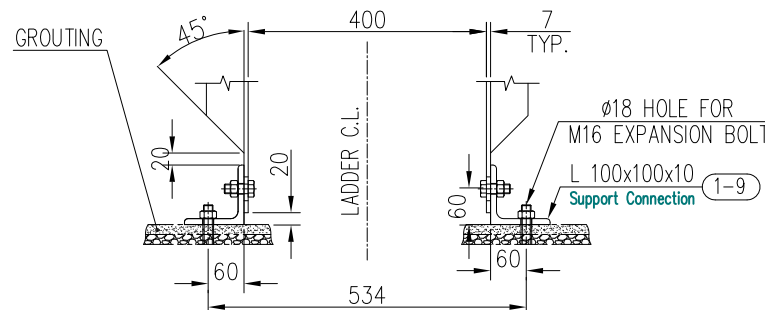
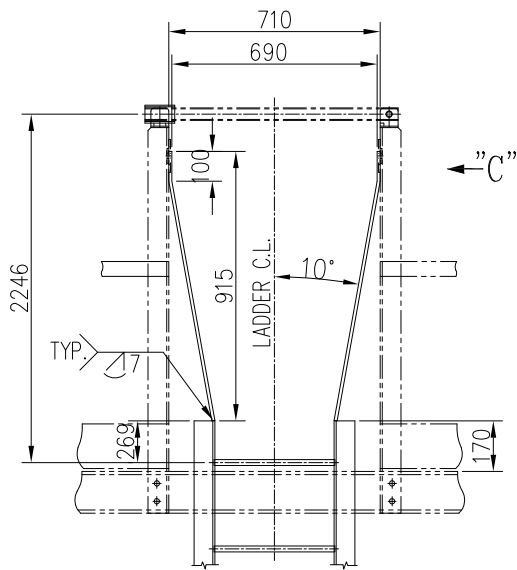
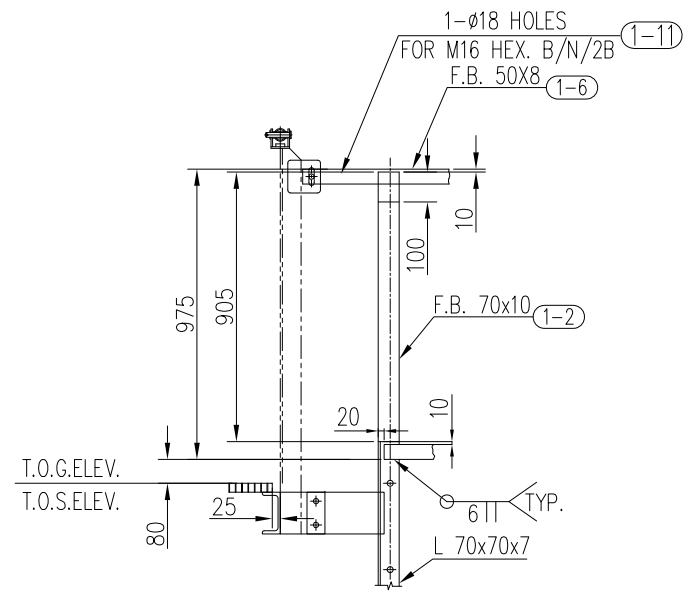


FRAME RING CORNER DETAIL

AS BUILT

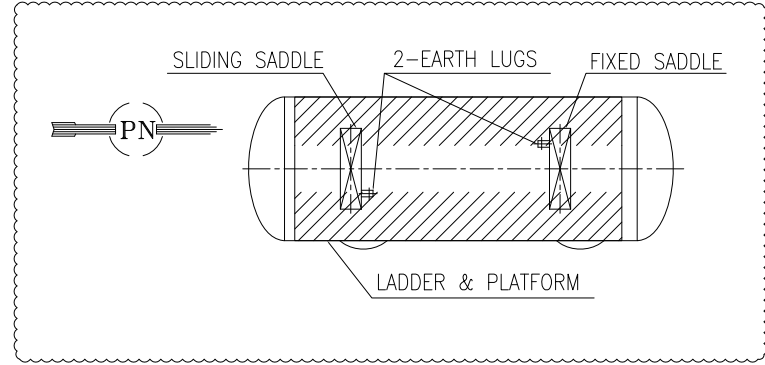


LADDER 2 SET



NOTES

- UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN MILLIMETERS.
- ALL SURFACES SHALL BE COATED AS PER SPECIFICATION NO: NGWK-0001-ENPI-SPPA-2308.
- ALL BOLTS & NUTS SHALL BE HOT DIP GALVANIZED.
- ABBREVIATIONS:
H.P.P. = HIGH POINT OF PAVING
T.O.P. = TOP OF PLATFORM
T.O.S. = TOP OF STRUCTURE
T.O.C. = TOP OF CONCRETE
T.O.P. = T.O.S.+30 (FOR TOP PLATFORM)



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Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANGEMENT CONTRACTOR:

CLIENT:



CONTRACTOR:

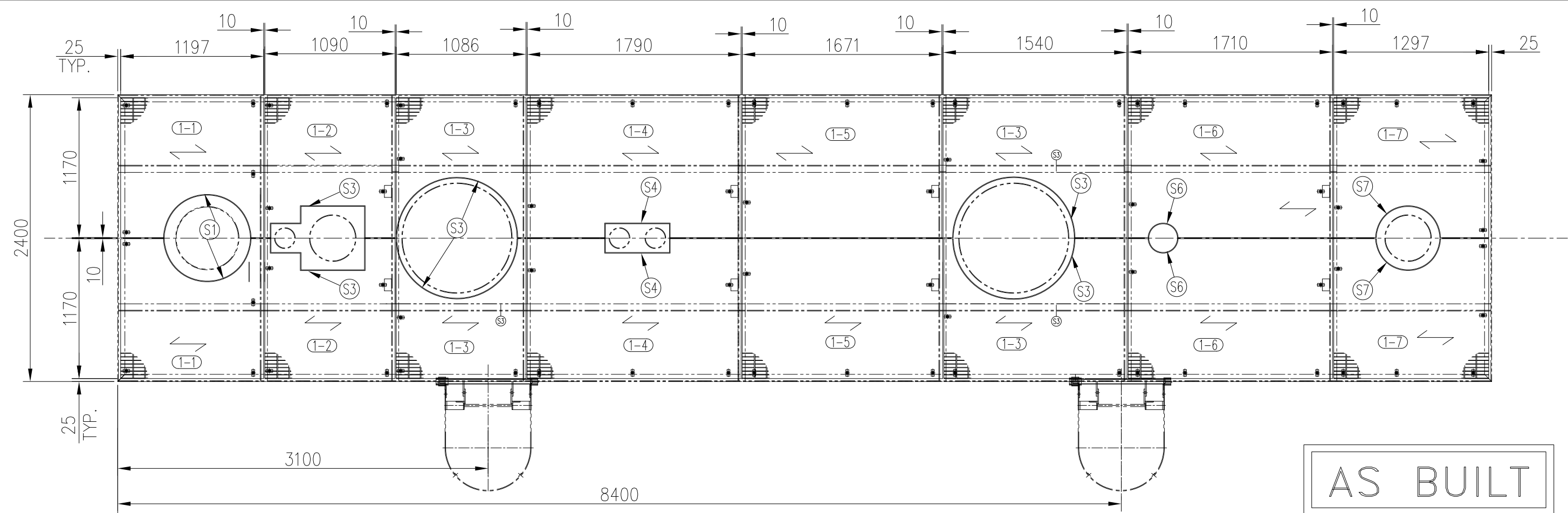


PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
VESSEL DRUMS PACKAGE

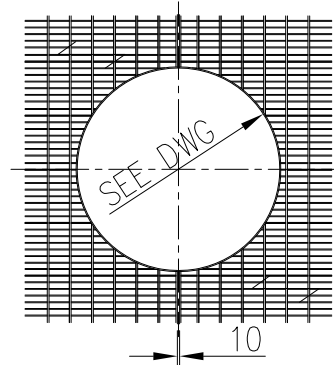
FACILITIES: SURFACE PRODUCTION FACILITIES

DRAWING TITLE:
LADDER & PLATFORM (Ladder)
FOR (V-20022200) Produced Water Degasser Drum

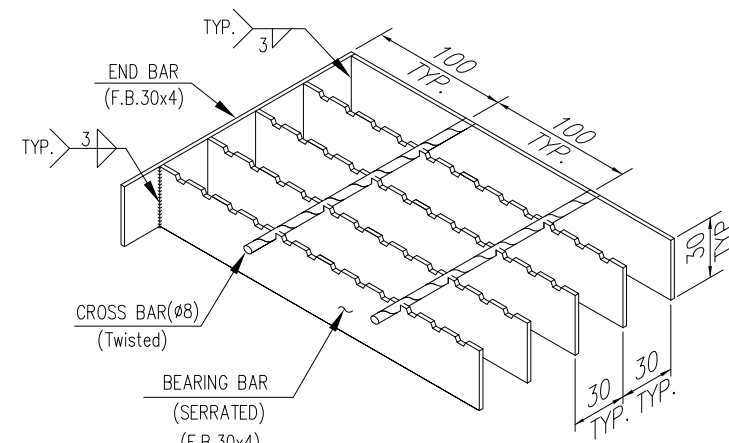
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2/1	A2	A
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED		
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PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE
SA01-PV	CTEPX	ME
SEQUENCE No.	0207	03
REVISION		3/4



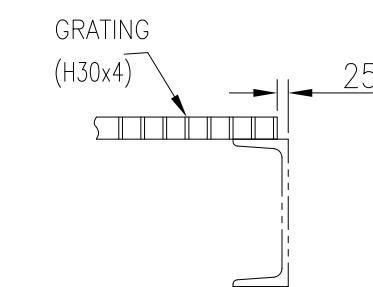
AS BUILT



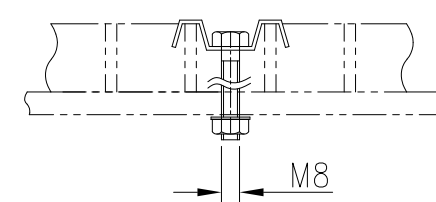
GRATING



GRATING

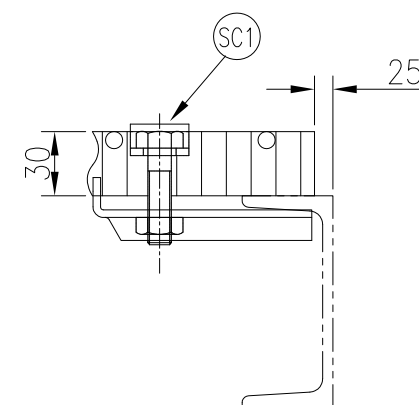


PERIMETER FRAMING



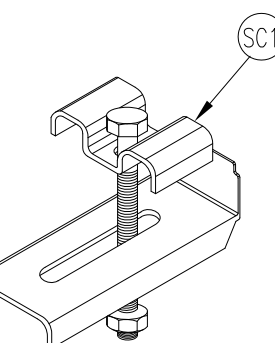
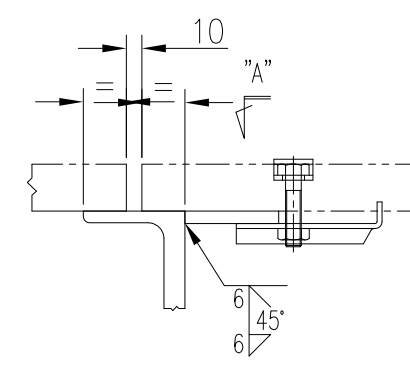
WELDED CLIP

ONLY WHERE NORMAL CLIPS
IS NOT APPLICABLE

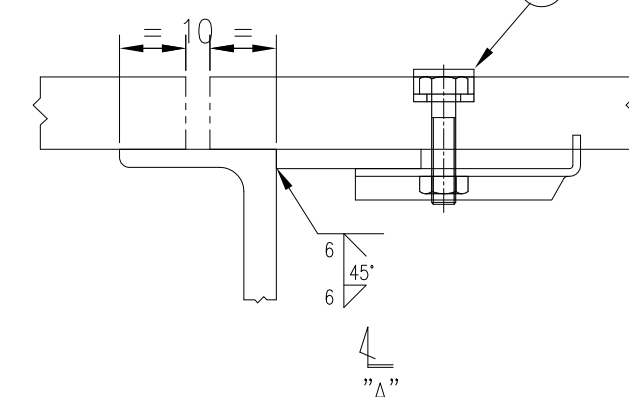


SADDLE CLIP DETAIL

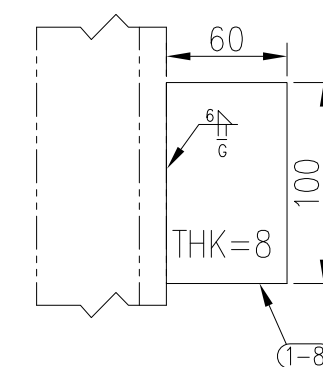
TOP VIEW
T.O.P. EL.+6140



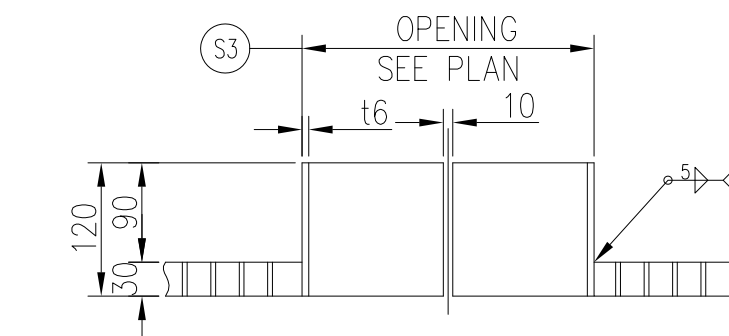
NORMAL CLIP



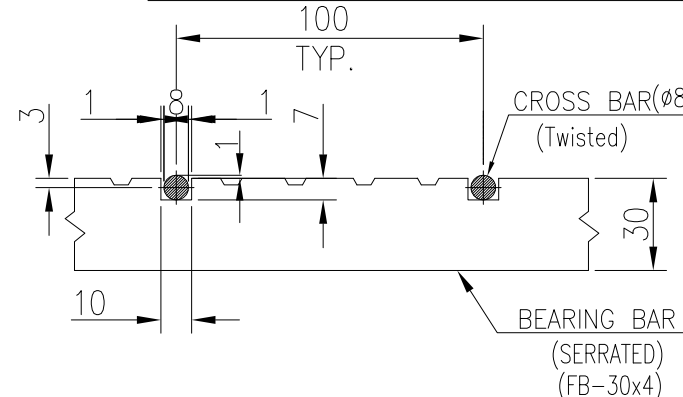
SADDLE CLIP



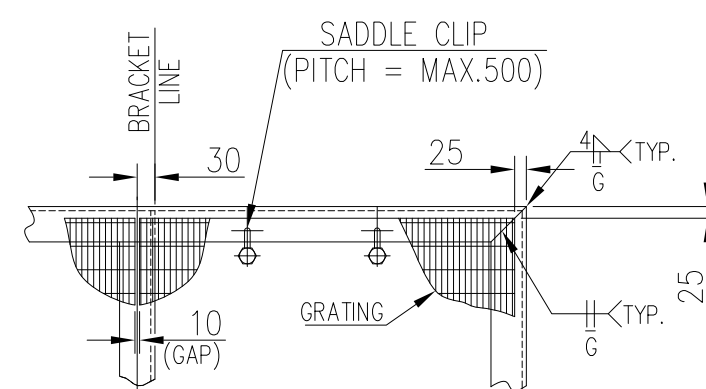
VIEW "A"



GRATING OPENING DETAIL



TYP. GRATING DETAIL



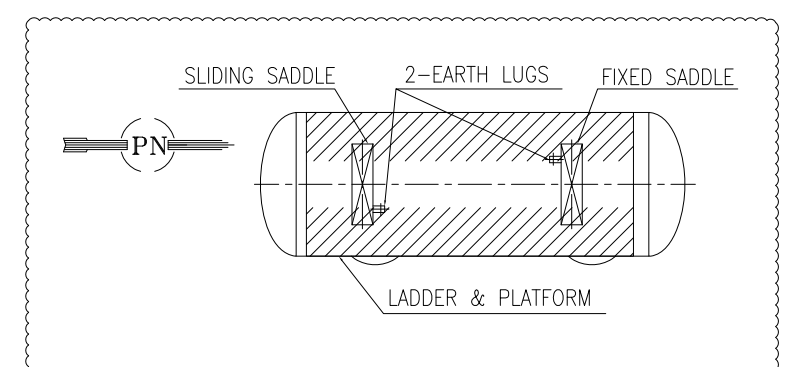
GRATING SETTING

BILL OF MATERIALS

NO.	PARTICULARS	RQD		WEIGHT (Kg)		MATERIAL	REMARK
		MAIN	SUB	UNIT	TOTAL		
1-1	GRATING 1197 X 1170	2	-	45	90	ST 37	#1
1-2	GRATING 1090 X 1170	2	-	37	74	ST 37	#2
1-3	GRATING 1086 X 1170	2	-	35	70	ST 37	#3
1-4	GRATING 1790 X 1170	2	-	110	220	ST 37	#4
1-5	GRATING 1671 X 1170	2	-	98	196	ST 37	#5
1-6	GRATING 1710 X 1170	2	-	80	160	ST 37	#6
1-7	GRATING 1297 X 1170	2	-	70	140	ST 37	#7
1-8	PL 8 X 60 X 100	8	-	0.3	2.5	ST 37	SUPPORT PLATE
SC1	NORMAL SADDLE CLIP	70	-	0.25	16	SA 36	SADDLE CLIP
S1	SLEEVE PL 6 X 120 X 1141	2	-	6	12	SA 36	
S2	SLEEVE PL 6 X 120 X 1328	2	-	9	18	SA 36	
S3	SLEEVE PL 6 X 120 X 1594	4	-	9	36	SA 36	
S4	SLEEVE PL 6 X 120 X 790	2	-	5	10	SA 36	
S5	SLEEVE PL 6 X 120 X 2021	2	-	11	22	SA 36	
S6	SLEEVE PL 6 X 120 X 356	2	-	2	4	SA 36	
S7	SLEEVE PL 6 X 120 X 850	2	-	5	10	SA 36	



WEIGHT PER 1 SET : 1082 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 1082 Kg

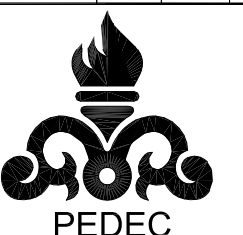


03	02-Dec-2023	Issued for Approval	A.Asadi	M.Pilevar	M.Jafari	M.Jafari
02	02-Oct-2019	Issued for Approval	A.Asadi	M.Pilevar	M.Jafari	M.Jafari
01	16-July-2019	Issued for Approval	A.Asadi	M.Pilevar	M.Jafari	M.Jafari
00	20-Mrc-2019	Issued for Approval	NOR	F.S	Morshedi	G.RM
Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANAGEMENT CONTRACTOR:



CLIENT:



PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
VESSEL DRUMS PACKAGE

FACILITIES:
SURFACE PRODUCTION FACILITIES

DRAWING TITLE:
LADDER & PLATFORM (GRATING)
FOR (V-20022200) Produced Water Degasser Drum

SCALE		SIZE		CLASS	
1/1		A2		A	
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
DOCUMENT NUMBER : SA01-PV-CPEPX-ME-DWVD-0207				VD-V090-0102-007	
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION
SA01-PV	CPEPX	ME	DWVD	0207	03
					4/4

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