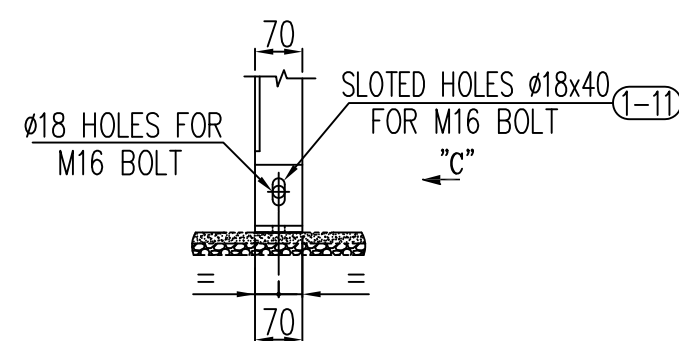
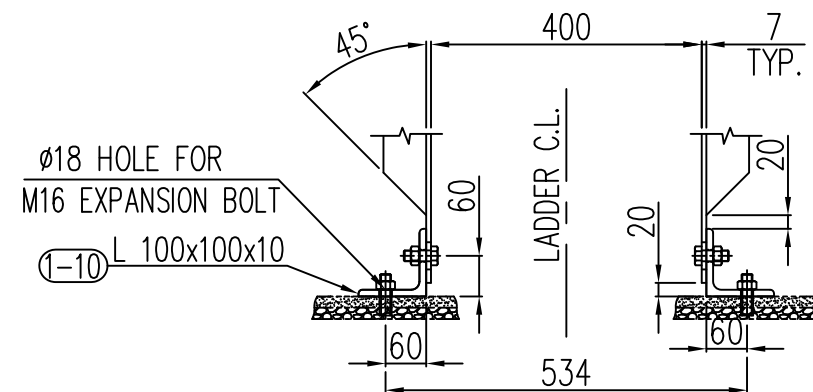
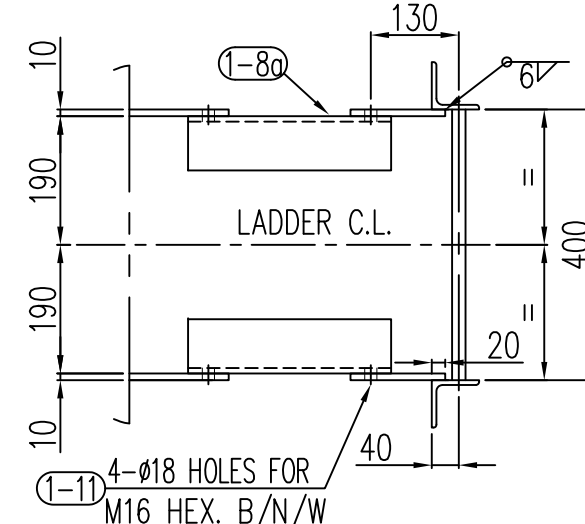
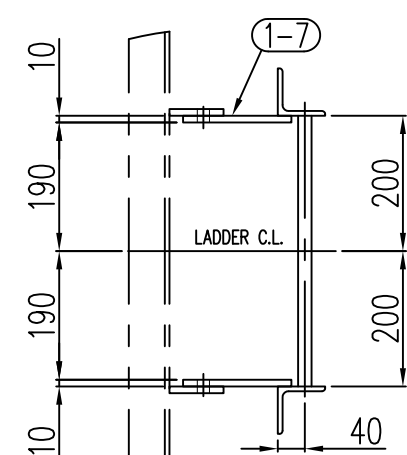
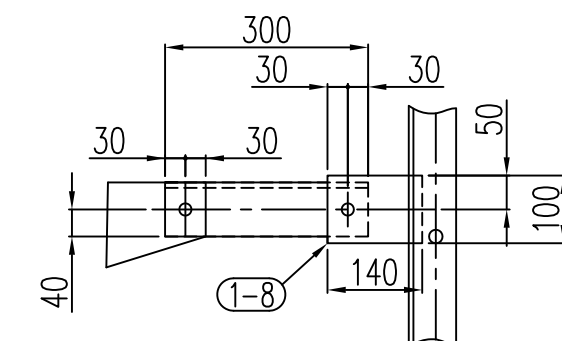
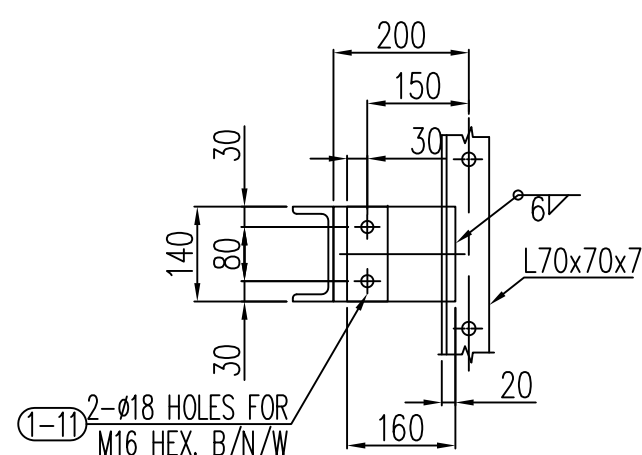
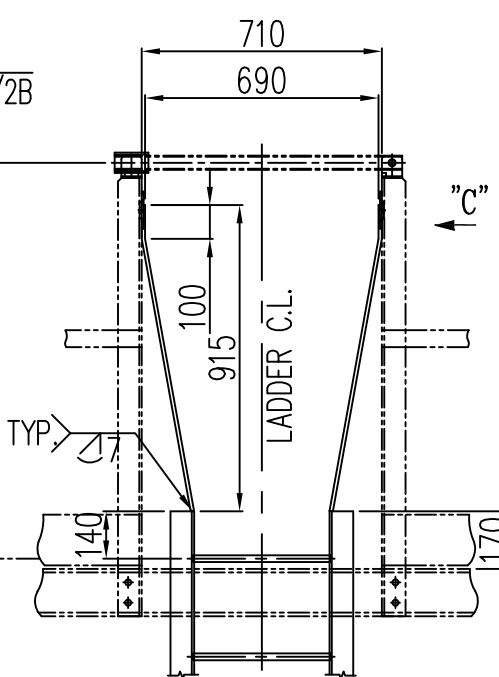
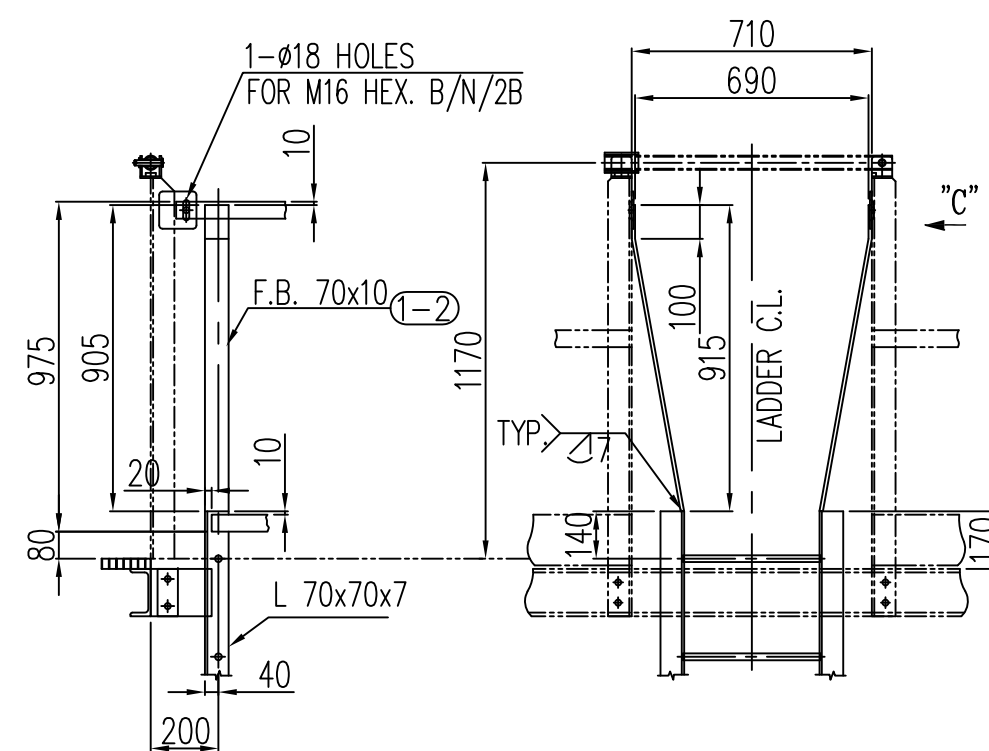
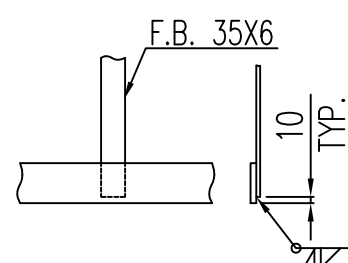
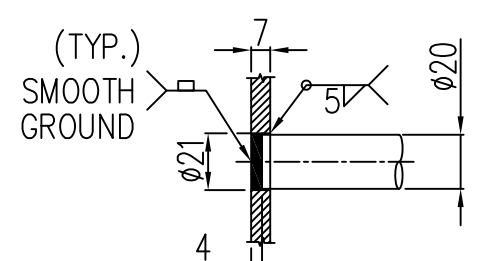
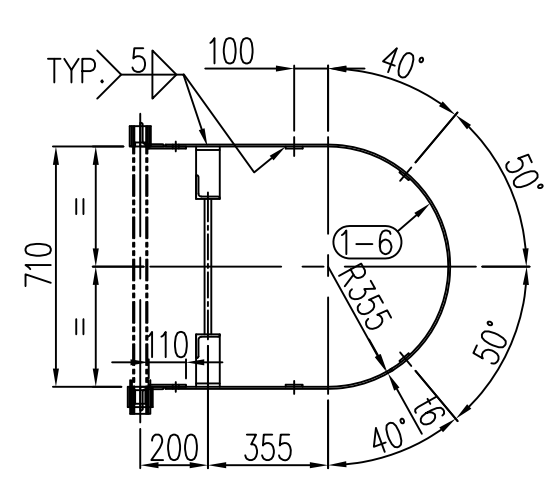
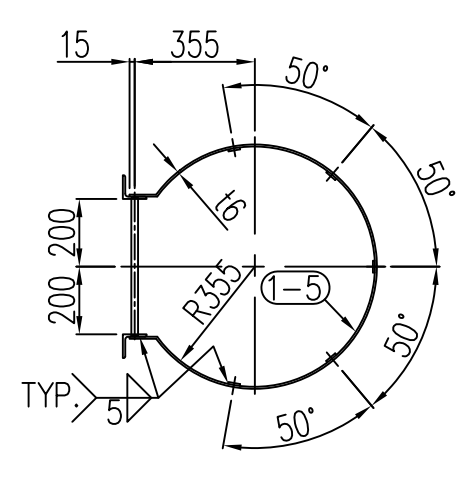
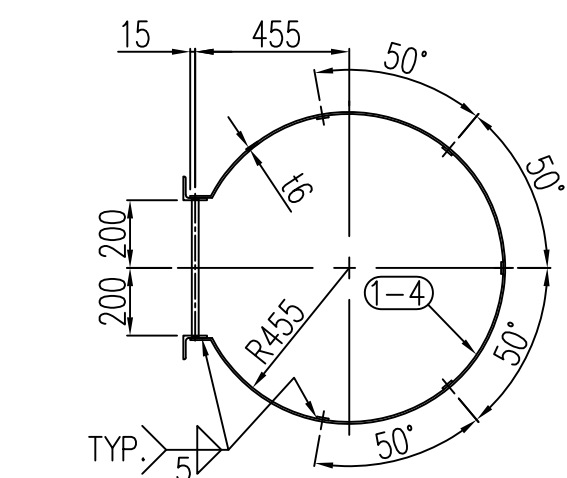
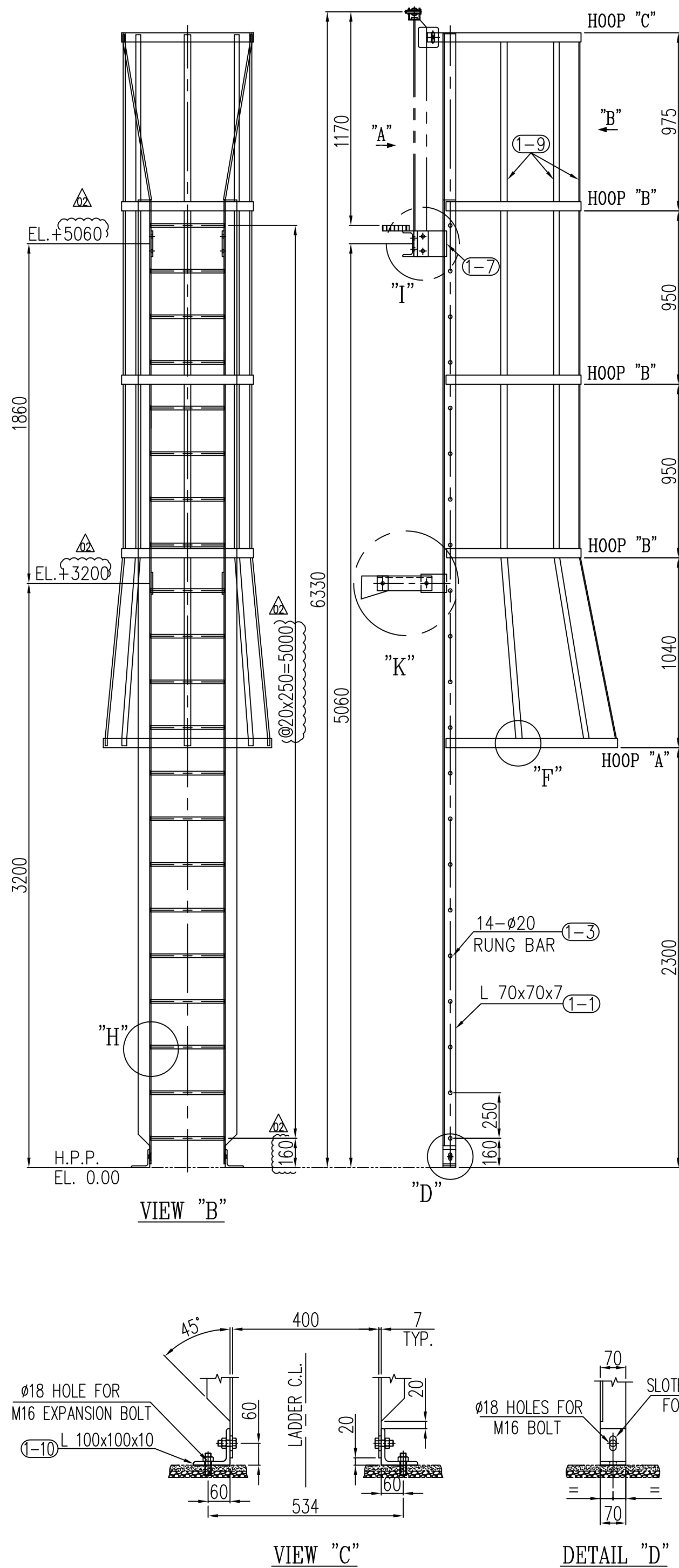
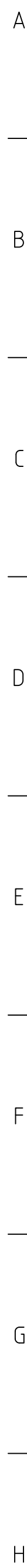




BILL OF MATERIALS							
NO.	PARTICULARS	RQD		WEIGHT (Kg)		MATERIAL	REMARK
		MAIN	SPL	UNIT	TOTAL		
1-1	L 70 X 70 X 7 X L= 5280	2		54	108	ST 37	
1-2	F.B. 70 X 10 X L= 917	2		5	10	ST 37	
1-3	R.B. ø20 X L=406	21		0.8	16.8	ST 37	
1-4	F.B. 50 X 6 X L=2502	1		39.5	39.5	ST 37	
1-5	F.B. 50 X 6 X L=1957.5	3		4.5	13.5	ST 37	
1-6	F.B. 50 X 6 X L=2225	1		5	5	ST 37	
1-7	PL. 10 X 160 X 140	2		1.8	2.16	ST 37	
1-8	PL. 10 X 100 X 140	2		1	2	ST 37	
1-8a	L 8x80x80	2		2	4	SA 36	
1-9	F.B. 35 X 6 X L=2341	5		3.8	19	ST 37	
1-10	L 100 X 100 X 10 X L= 70	2		1	2	SA 36	
1-11	HEX. BOLT & NUT/W M16, L=40	8SET.		—	—	A325/A563/F436	

WEIGHT PER 1 SET :	222	Kg
NUMBER OF SETS :	1	
TOTAL WEIGHT :	222	Kg

AS BUILT

02	20.Jan.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
01	28.Nov.2018	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	22.Nov.2018	Issued for Approval	S.AM	FM	R.SH	--
Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANAGEMENT CONTRACTOR:  Petropars Ltd.	CLIENT:  PEDEC
CONTRACTOR:  AZERIOIL S.M CO.	

PROJECT TITLE:	SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT VESSELS DRUMS PACKAGE
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FACILITIES:	SURFACE PRODUCTION FACILITIES
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DRAWING TITLE: LADDER & PLATFORM DRAWING
FOR DAILY DIESEL TANK (TK-20050100)

SCALE	SIZE	CLASS
1 / 30	A2	A

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

DOCUMENT NUMBER : SA01-PV-CTDPX-ME-DW/D-0407-03

VD-V090-0104-007

DOCUMENT NUMBER : SA01-PV-CTEPX-ME-DWVD-0407-02					REV: 0000 010-001	
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	SHEET
SA01-PV	CTEPX	ME	DWVD	0407	02	4/4

THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF PEDEC.

BILL OF MATERIALS

NO.	PARTICULARS	WEIGHT (Kg)		MATERIAL	REMARK
		RQD MAIN	UNIT SPA		
1-1	GRATING 1940 X 1970	2	133.7	267.5	ST 37
1-2	GRATING 1760 X 1970	2	121	242	ST 37
1-3	GRATING 1620 X 1970	2	111.5	223	ST 37
1-4	GRATING 1800 X 1970	2	124	248	ST 37
1-5	GRATING 1730 X 1970	2	119	238	ST 37
1-6	GRATING 1850 X 1970	2	127.5	255	ST 37
1-7	GRATING 1680 X 1970	2	116	232	ST 37
1-8	GRATING 1790 X 1970	2	123.5	247	ST 37
1-9	GRATING 1700 X 1970	2	117	234	ST 37
2-1	PL 8 X 60 X 100	56	0.3	16.8	ST 37
2-2	HEX. B/N/W M8 , L=90	144	0.03	4.32	Gr.8.8
2-3	SLEEVE PL 6 X 120 X (4516	1	25.5	25.5	ST 37
2-4	SLEEVE PL 6 X 120 X 628	6	3	18	ST 37
2-5	SLEEVE PL 6 X 120 X 1885	2	8.9	17.8	ST 37
2-6	SLEEVE PL 6 X 120 X (3356.5	1	19	19	ST 37
2-7	SLEEVE PL 6 X 120 X 1128	2	5.3	10.6	ST 37

WEIGHT PER 1 SET : 2298.5 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 2298.5 Kg

AS BUILT

02	20.Jan.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
01	26.Nov.2018	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	22.Nov.2018	Issued for Approval	S.AM	FM	R.SH	--
Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANAGEMENT CONTRACTOR:	CLIENT:
	
CONTRACTOR:	
	

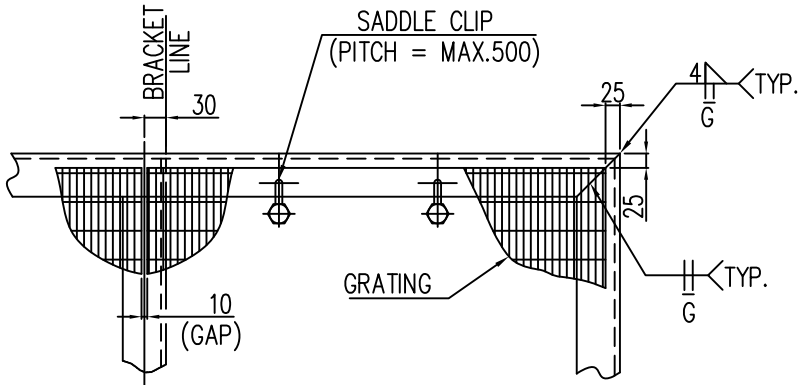
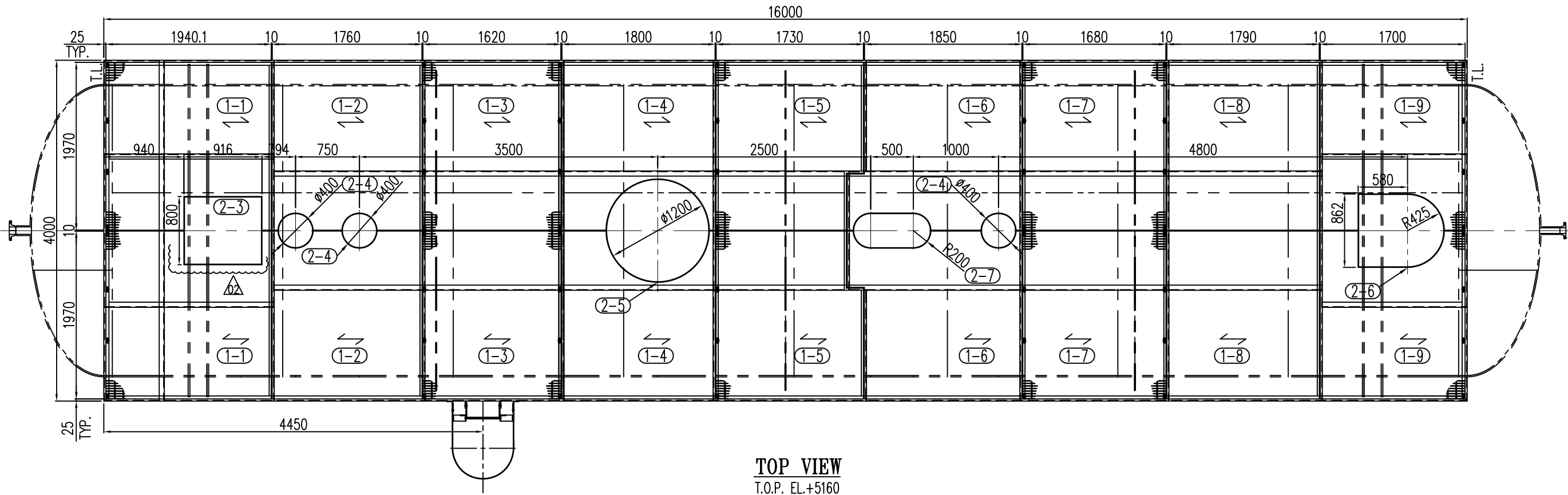
PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
VESSELS DRUMS PACKAGE

FACILITIES: SURFACE PRODUCTION FACILITIES

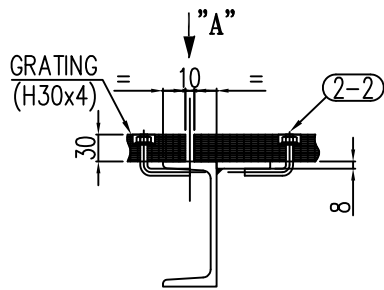
DRAWING TITLE:
LADDER & PLATFORM DRAWING
FOR (TK-20050100) 150m3 slope oil tank

SCALE		SIZE		CLASS		
1/50		A2		A		
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
DOCUMENT NUMBER :SA01-PV-CTEPX-ME-DWVD-0407-02				VD-V090-0104-007		SHEET
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	
SA01-PV	CTEPX	ME	DWVD	0407	02	
						3/4

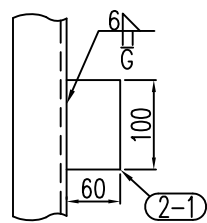
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF PEDEC.



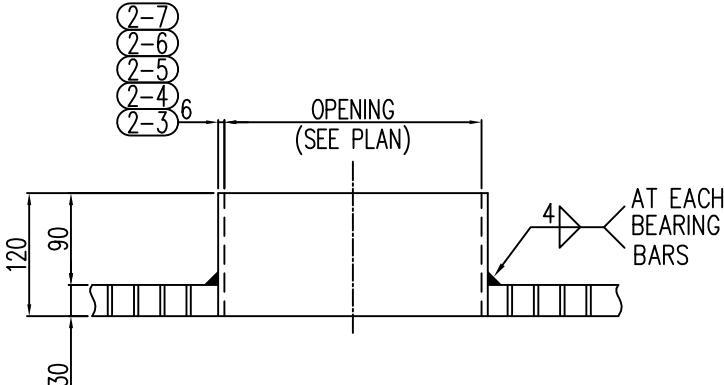
GRATING SETTING



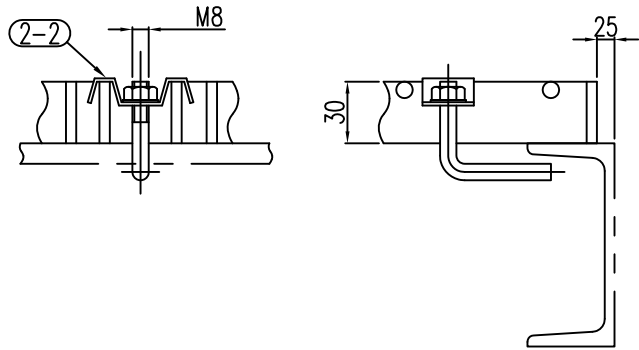
SADDLE CLIP



VIEW "A"

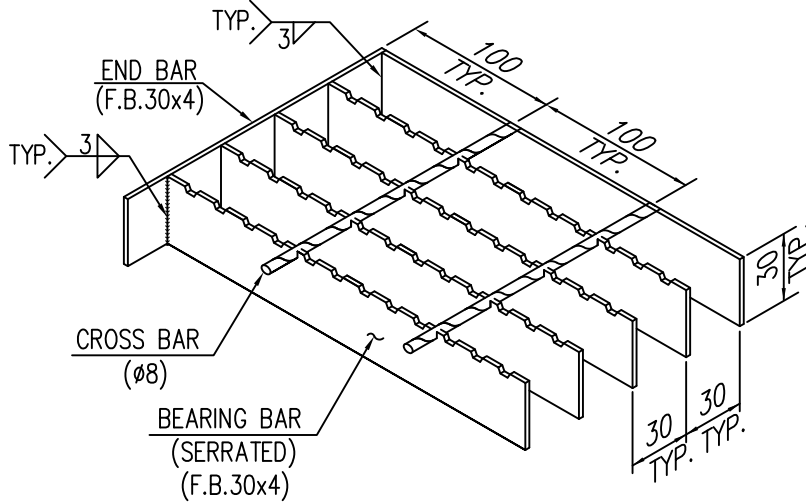


GRATING OPENING DETAIL

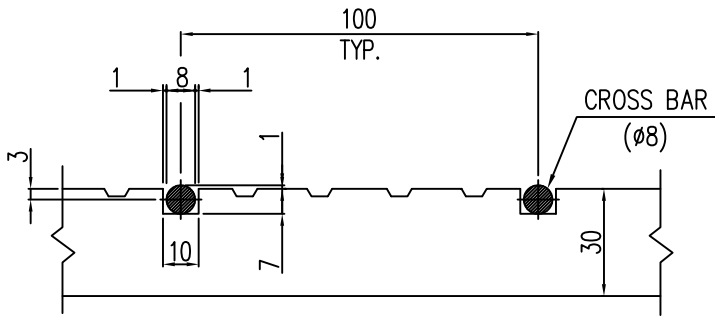


SADDLE CLIP DETAIL

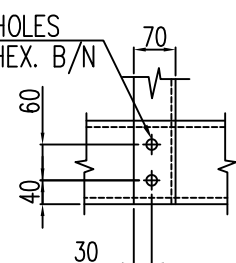
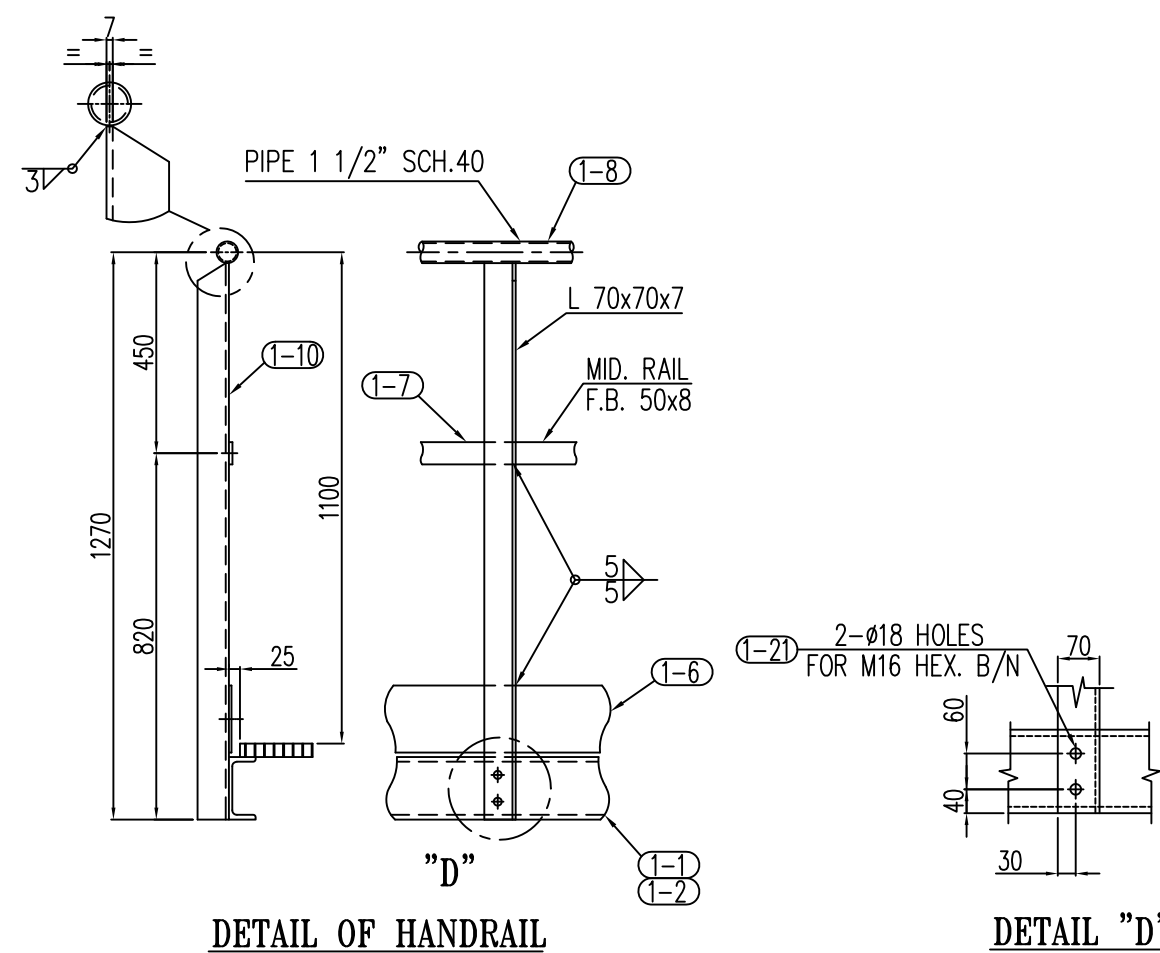
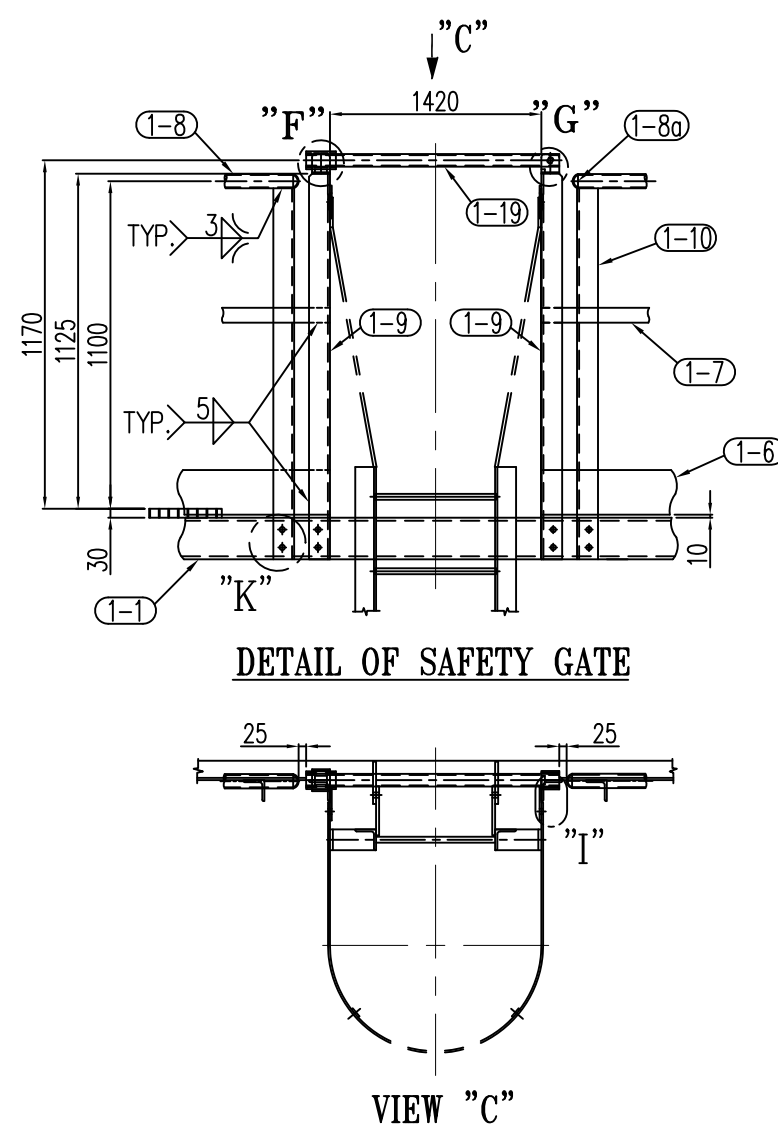
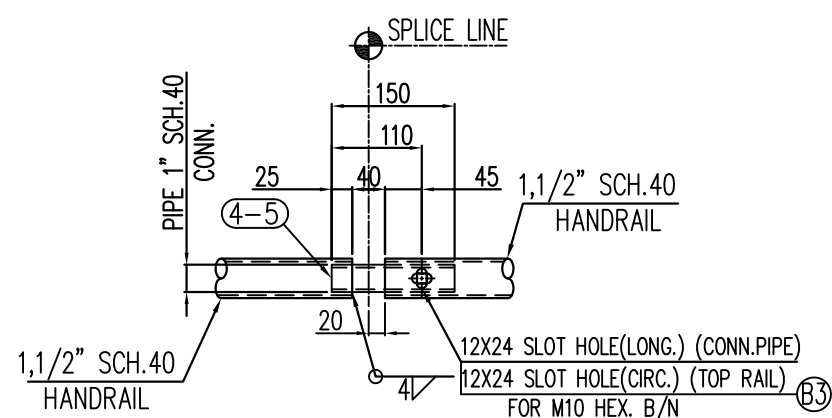
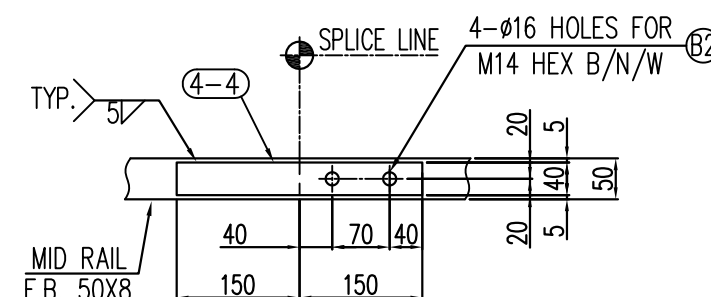
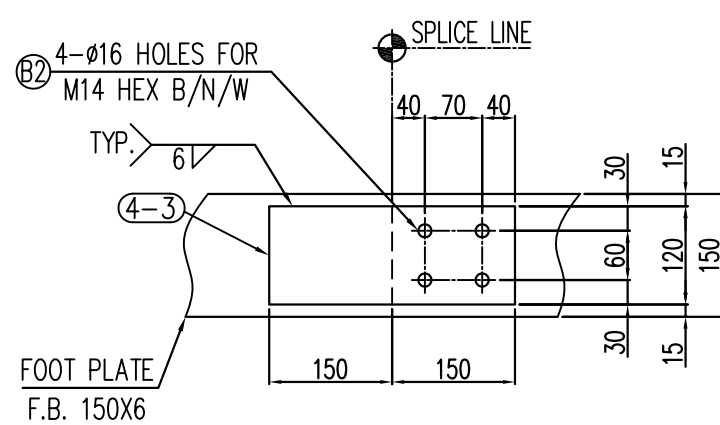
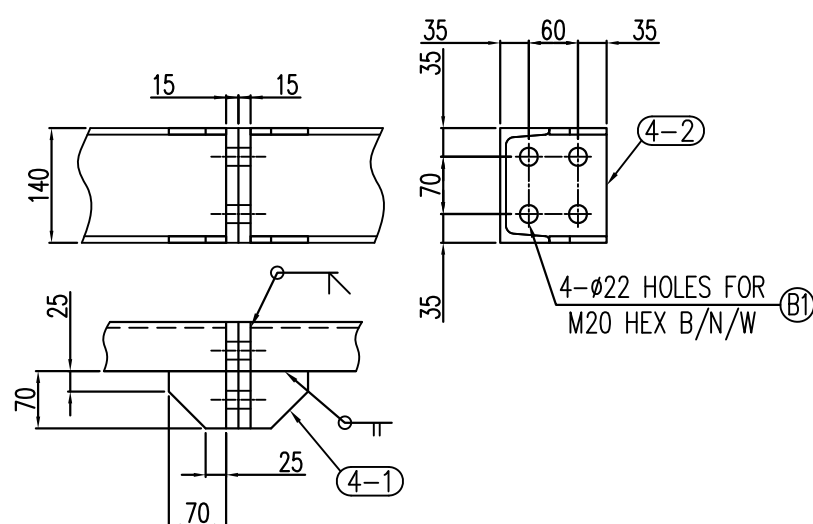
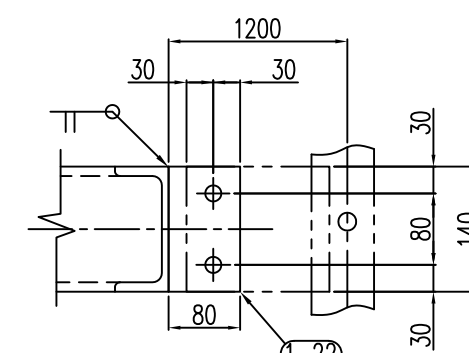
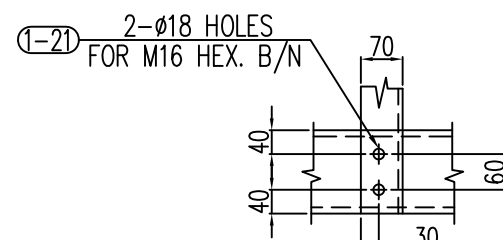
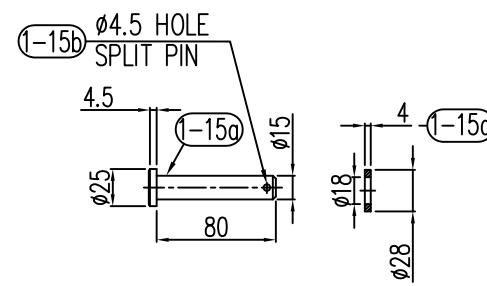
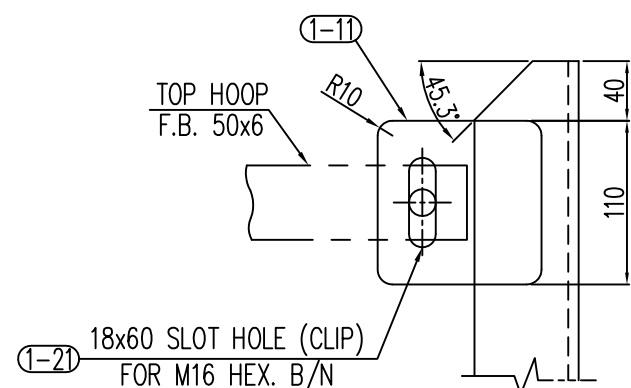
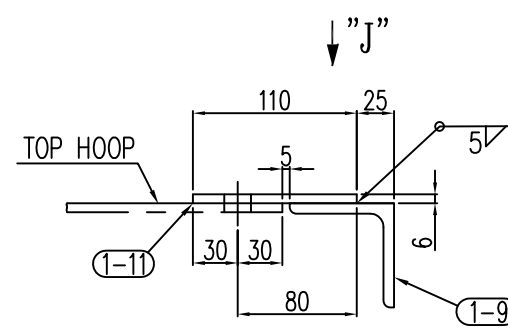
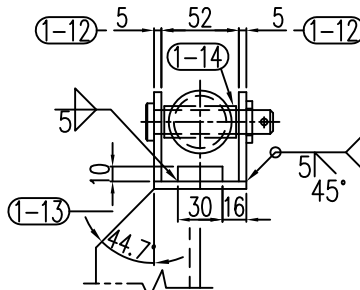
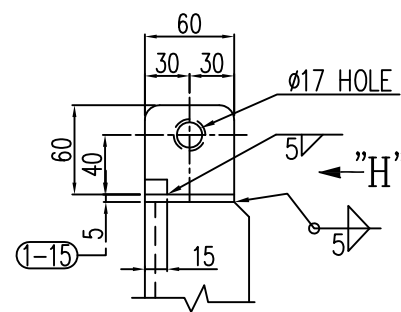
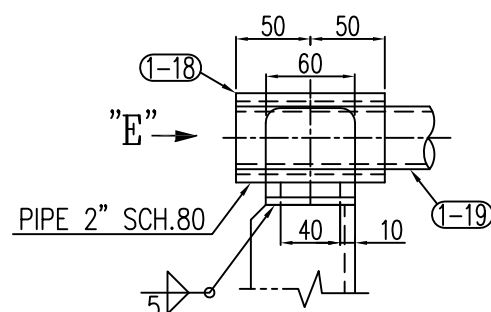
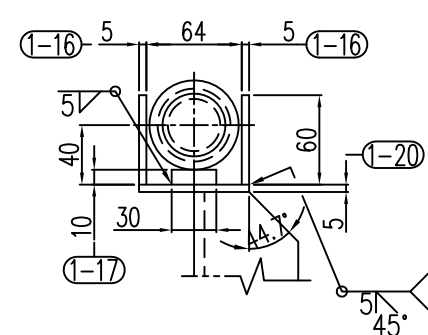
(MIN. 4 FASTENERS REQUIRED PER ONE (1) PANEL)



GRATING



TYP.GRATING DETAIL



BILL OF MATERIALS						
NO.	PARTICULARS	RQD	WEIGHT (Kg)		MATERIAL	REMARK
		MAIN	SPL	UNIT		
4-1	PL 10 X 70 X 70	56		0.4	22.4	ST 37
4-2	PL 15 X 130 X 140	28		0	56	ST 37
4-3	PL 8 X 120 X 300	3		2.5	7.5	ST 37
4-4	PL 10 X 40 X 300	3		1	3	ST 37
4-5	CONN. PIPE 1", SCH.40 L=150	2		0.1	0.2	SA 53B
B1	HEX B/N M20 x 55L	40		0.25	10	SA 325/SA563/F436
B2	HEX B/N M14 x 50L	12		0.1	1.2	SA 325/SA563/F436
B3	HEX B/N M10 x 55L	2		0.15	0.2	SA 325/SA563/F436
						WEIGHT PER 1 SET : 101.4 Kg
						NUMBER OF SETS : 1
						TOTAL WEIGHT : 101.4 Kg

AS BUILT

02	20.Jan.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
01	26.Nov.2018	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	22.Nov.2018	Issued for Approval	S.AM	FM	R.SH	--
Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANAGEMENT CONTRACTOR:	 Petropars Ltd.	CLIENT:	 PEDEC
CONTRACTOR:	 RZHRIRD IN LD		

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

FACILITIES:	SURFACE PRODUCTION FACILITIES
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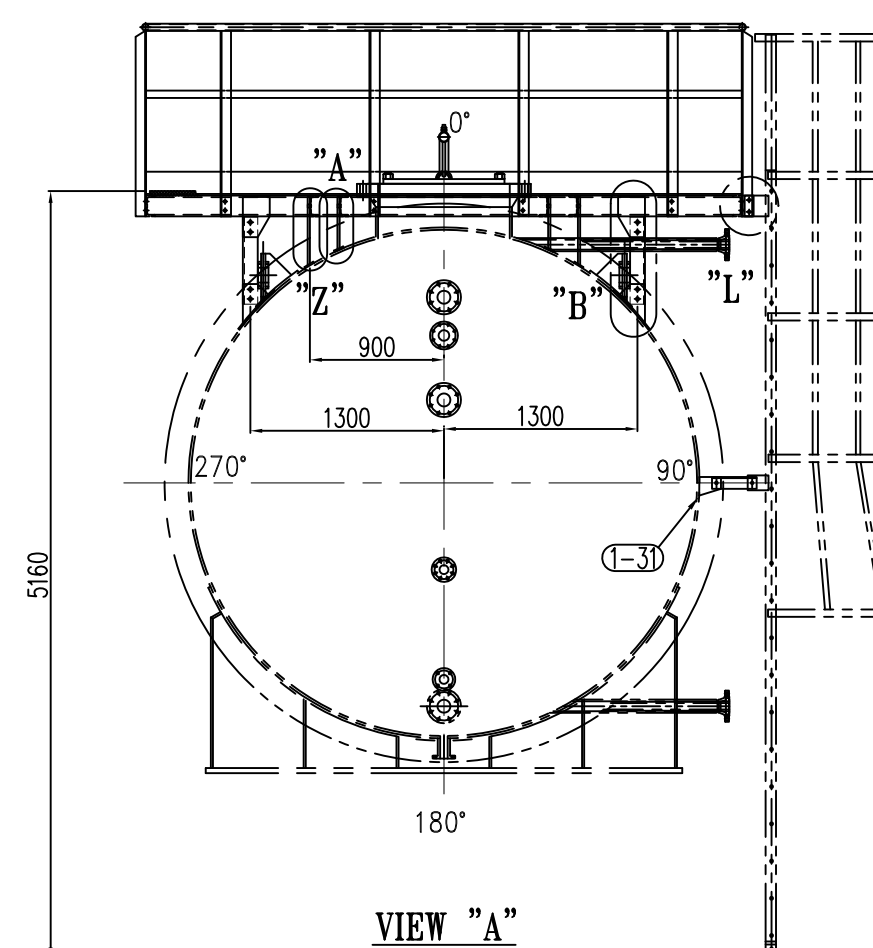
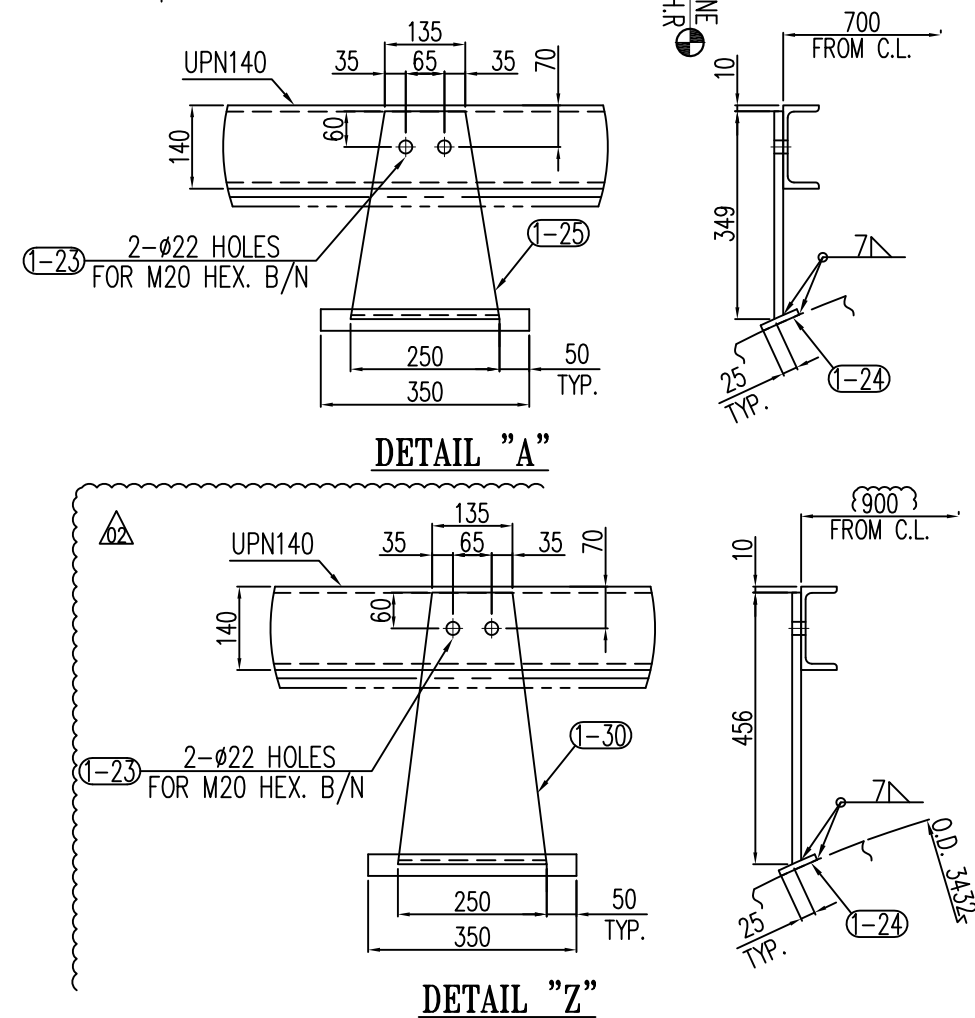
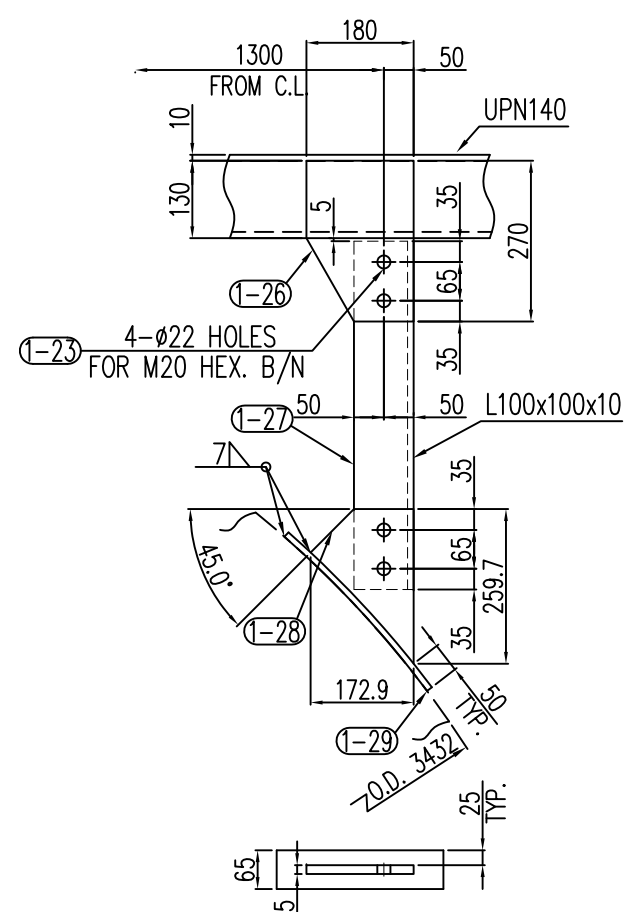
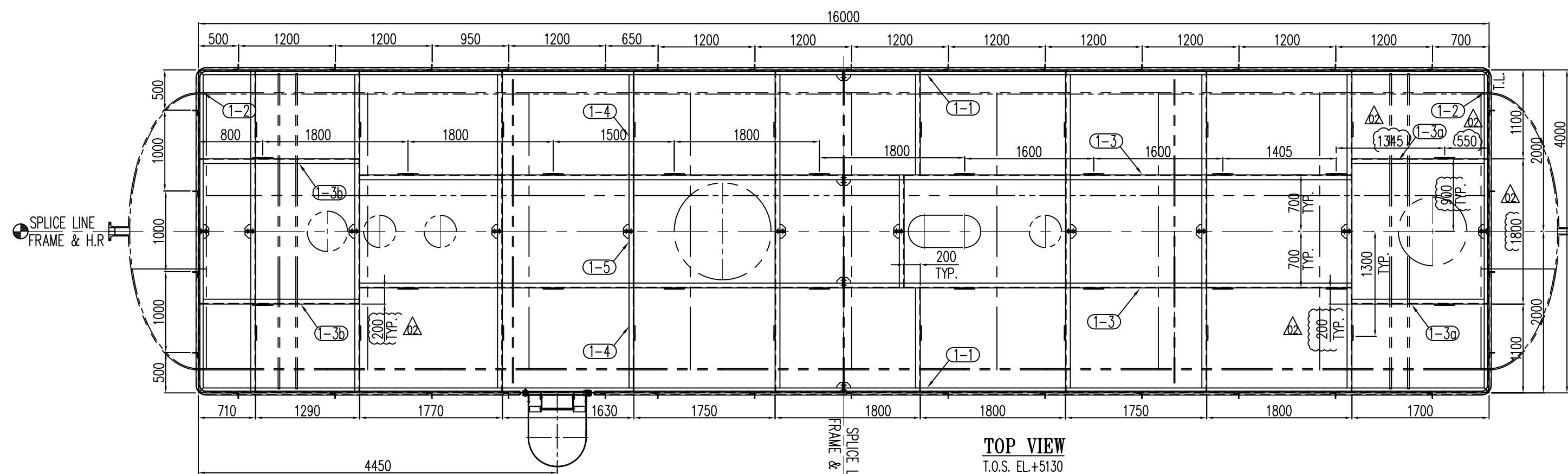
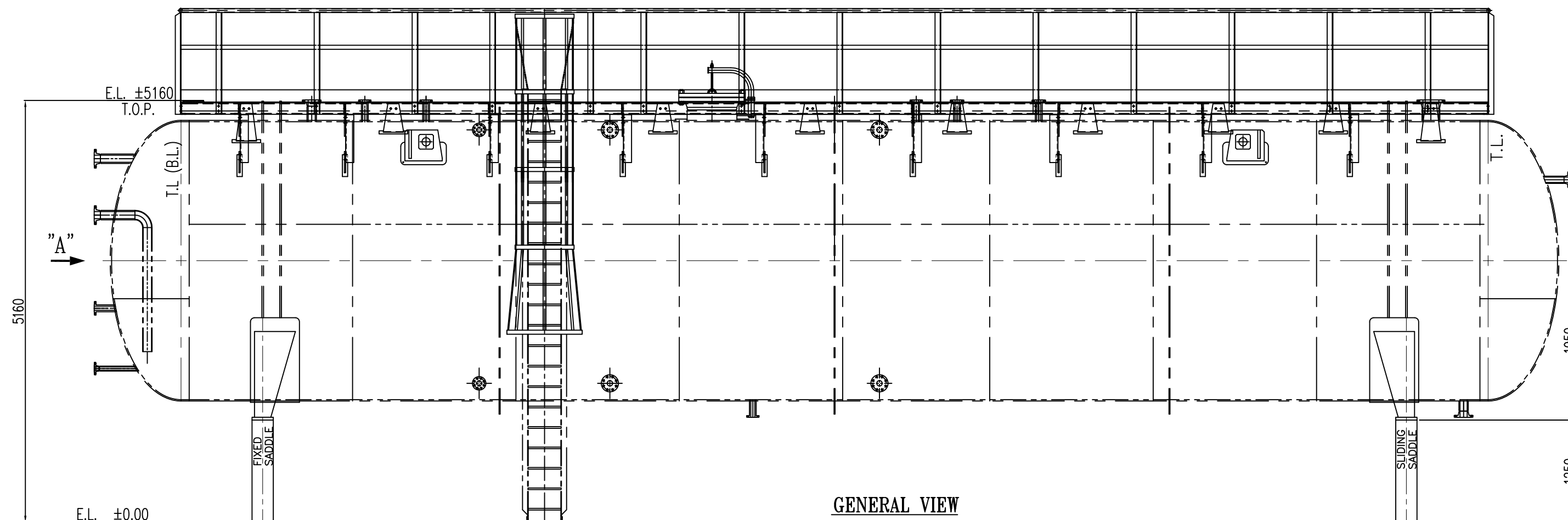
DRAWING TITLE: LADDER & PLATFORM DRAWING
FOR (TK-20050100) 150m3 slope oil tank

SCALE	SIZE	CLASS
1/50	A2	A

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

DOCUMENT NUMBER : SA01-PV-CTEPX-ME-DWVD-0407-02	VD-V090-0104-007	
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PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	SHEET
SA01-PV	CTEPX	ME	DWVD	0407	02	2/4



BILL OF MATERIALS							
NO.	PARTICULARS	RQD		WEIGHT (Kg)		MATERIAL	REMARK
		MAIN	SPA	UNIT	TOTAL		
1-1	UPN 140 X L=16000	2		274.5	549	ST 37	
1-2	UPN 140 X L=4000	2		68.5	137	ST 37	
1-3	UPN 140 X {L=12293}	2		{210	{420}	ST 37	
{1-3a	UPN 140 X L=1693	2		29	58	ST 37}	
{1-3b	UPN 140 X L=1986	2		34	68	ST 37}	
1-4	UPN 140 X L=1293	18		22	396	ST 37	
1-5	UPN 140 X L=1386	9		24	216	ST 37	
1-6	F.B. 150 X 6 X L=39050	1		276	276	ST 37	
1-7	F.B. 50 X 8 X L=39050	1		122.5	122.5	ST 37	
1-8	PIPE 1,1/2" ,SCH.40 X L=38960	1		154.5	154.5	SA 53	
1-8a	CAP 1,1/2" ,SCH.40	2		0.05	0.1	SA 420-WPL6	
1-9	L 70 X 70 X 7 X L= 1295	2		9.5	19	ST 37	
1-10	L 70 X 70 X 7 X L=1246	36		9	324	ST 37	
1-11	PL. 6 X 110 X110	2		0.5	1	ST 37	
1-12	PL. 5 X 60 X 60	2		0.1	0.2	ST 37	
1-13	PL. 10 X 15 X 30	1		0.03	0.03	ST 37	
1-14	PIPE 1/2" ,SCH.STD X L=50	1		0.06	0.06	SA 53	
1-15	PL. 5 X 60 X 62	1		0.1	0.1	ST 37	
1-15a	CLEVIS PINØ15 ,L=80	1		0.01	0.01	ST 37	ISO 2341-B-16X80X4-ST
1-15b	SPLIT PIN Ø4 ,L=25	1		0.1	0.1	FA 436	DIN 94-4X25-ST
1-15c	WASHER I.D. 18 X O.D.28 X THK.=4	2		0.03	0.06	ST 37	ISO 8738-18-ST
1-16	PL. 5 X 60 X 60	3		0.06	0.18	ST 37	
1-17	PL. 10 X 30 X 40	1		0.1	0.1	ST 37	
1-18	PIPE 2" ,SCH.80 X L=100	1		7.3	7.3	PLASTIC	
1-19	PIPE 1,1/4" ,SCH.40 X L=850	1		28.3	28.3	SA 53	
1-20	PL. 5 X 60 X 74	1		0.2	0.2	ST 37	
1-21	HEX. BOLT & NUT/W M16, L=50	76		--	--	SA 325/SA563/F436	
1-22	PL 10 X 80 X 140	2		0.8	1.6	ST 37	
1-23	HEX B/N M20 x 55L	112		0.25	27	SA 325/SA563/F436	
1-24	PL. 10 X 65 X 350	{20}		1.8	{36}	SA 516-70N	
1-25	PL. 15 X 250 X 349	{16}		10	{160}	ST 37	
1-26	PL. 15 X 180 X 270	18		5.8	104.5	ST 37	
1-27	L. 10 X 100 X 100 L=584.8	18		10	180	SA 36	
1-28	PL. 15 X 172.9 X 259.7	18		5	90	ST 37	
1-29	PL. 10 X 65 X 273	18		1.4	25.2	SA 516-70N	
{1-30	PL. 15 X 250 X 456	4		13.5	54	ST 37}	
1-31	PL. 10 X 125 X 144	2		1.5	3	ST 37	
						WEIGHT PER 1 SET : 3459 Kg NUMBER OF SETS : 1 TOTAL WEIGHT : 3459 Kg	
AS BUILT							
02	20.Jan.2019	Issued for Approval		s.shahbazi	M.pilevar	M.jafari	--
01	26.Nov.2018	Issued for Approval		s.shahbazi	M.pilevar	M.jafari	--
00	22.Nov.2018	Issued for Approval		S.AM	FM	R.SH	--
Rev.	Date	Status		Prep.	Chk.	App.	R.S.
MANAGEMENT CONTRACTOR:		 PETROPARS LTD.		CLIENT:  PEDEC			
CONTRACTOR:							
 BZMBR LTD.							
PROJECT TITLE:							
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT							
VESSELS DRUMS PACKAGE							
FACILITIES:							
SURFACE PRODUCTION FACILITIES							
DRAWING TITLE:							
LADDER & PLATFORM DRAWING							
FOR (TK-20050100) 150m3 slope oil tank							
SCALE		SIZE		CLASS			
1/50		A2		A			
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
DOCUMENT NUMBER : SA01-PV-CTEPX-ME-DWVD-0407-02				VD-V090-0104-007			
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	SHEET	
SA01-PV	CTEPX	ME	DWVD	0407	02	1/4	