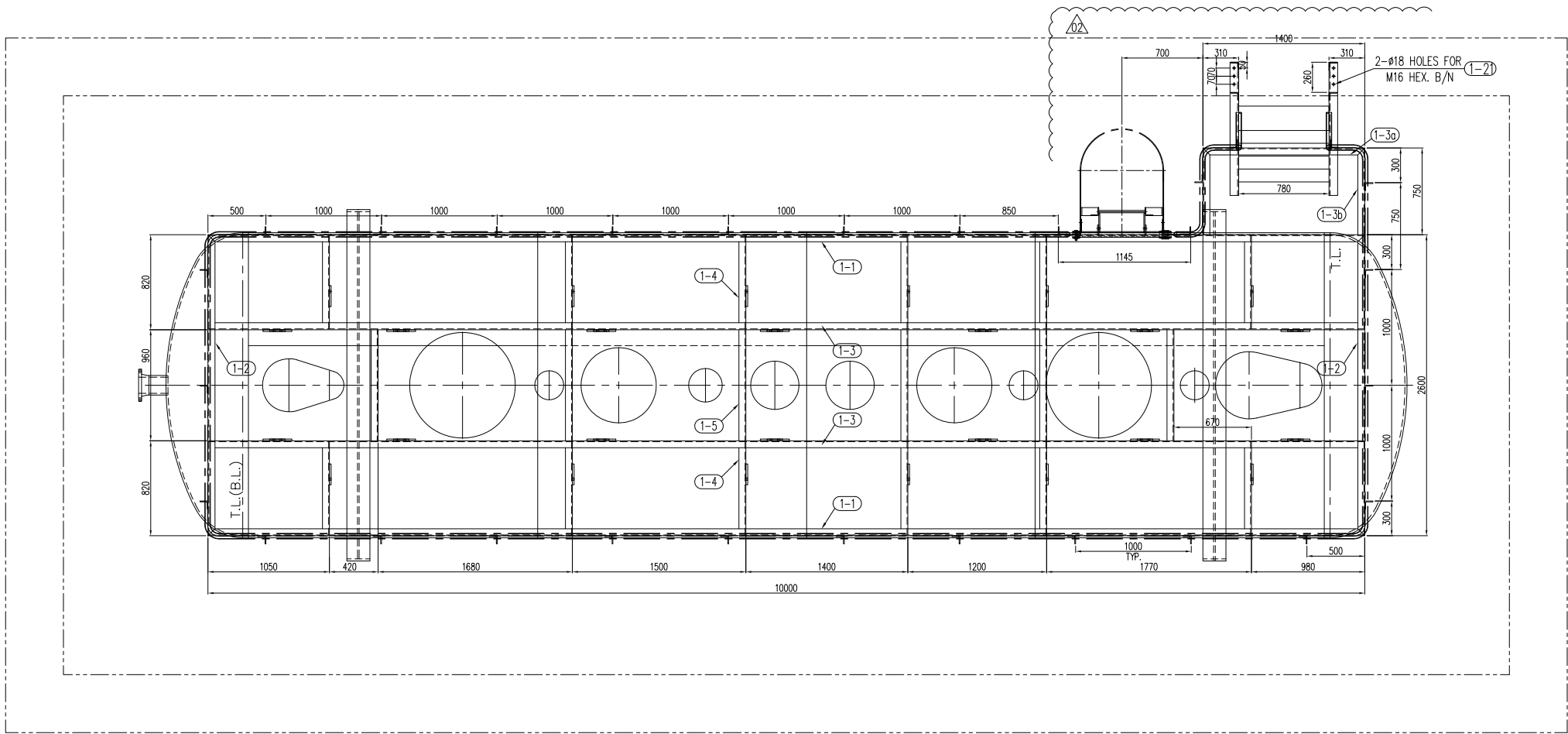
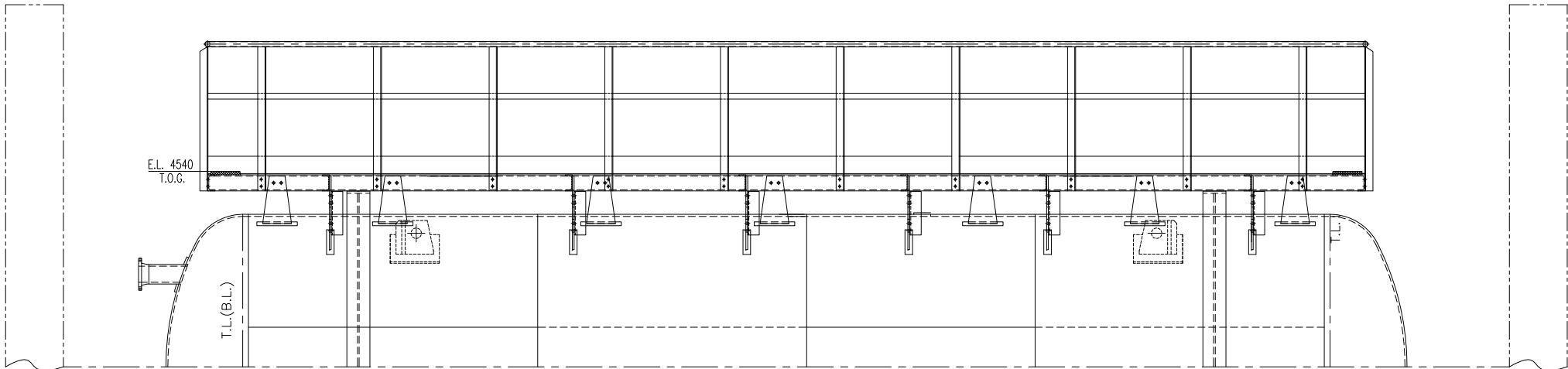
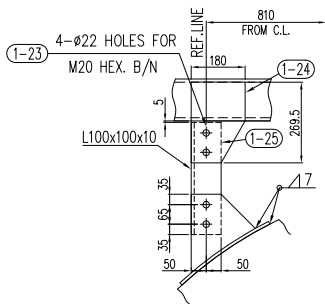


DETAIL "B"



DETAIL "A"

BILL OF MATERIALS

NO.	PARTICULARS	WEIGHT (Kg)		MATERIAL	REMARK
		RQD MAINSPL	UNIT TOTAL		
1-1	UPN 140 X L=10000	2	172 344	ST 37	
1-2	UPN 140 X L=2600	2	45 90	ST 37	
1-3	UPN 140 X L=9986	2	171 342	ST 37	
1-3a	UPN 140 X L=1400	1	24 24	ST 37	
1-3b	UPN 140 X L=750	2	13 26	ST 37	
1-4	UPN 140 X L=806	12	14 168	ST 37	
1-5	UPN 140 X L=960	6	16.5 99	ST 37	
1-6	F.B. 150 X 6 X L=25870	1	183 189	ST 37	
1-7	F.B. 50 X 8 X L=25870	1	81 81	ST 37	
1-8	PIPE 1,1/2" ,SCH.40 X L=25870	1	105.5 105.5	SA 53	
1-8a	CAP 1,1/2" ,SCH.40	4	0.05 0.2	SA 420-WPL6	
1-9	L 70 X 70 X 7 X L= 1295	2	9.5 19	ST 37	
1-9a	L 70 X 70 X 7 X L= 1045	4	7.5 30	ST 37	
1-10	L 70 X 70 X 7 X L=1246	29	9 261	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=40	64	-- --	A193-Gr.B7M/194-Gr.2HM	
1-22	PL 10 X 80 X 140	2	0.8 1.6	ST 37	
1-23	HEX B/N M20 x 55L	76	0.25 19	A193-Gr.B7M/194-Gr.2HM	
1-24	PL. 15 X 180 X 269.5	12	5.7 68.4	ST 37	
1-25	L. 10 X 100 X 100 L=375	12	6.5 78	SA 36	
1-26	PL 10 X 65 X 120	2	0.6 1.2	ST 37	

WEIGHT PER 1 SET : 1984.5 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 1984.5 Kg

AS BUILT

02	08.Dec.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
01	13.Oct.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	19.May.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--

MANAGMENT CONTRACTOR:	CLIENT:
	
CONTRACTOR:	
	

PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
PHASE1-MANIFOLD STATIONS & TRUNK LINES (NORTH SIDE)

FACILITIES: SURFACE PRODUCTION FACILITIES

DRAWING TITLE:
LADDER & PLATFORM DRAWING (PLATFORM)
FOR (V-30937100) CLOSED DRAIN DRUM

SCALE	SIZE	CLASS
1/35	A2	A

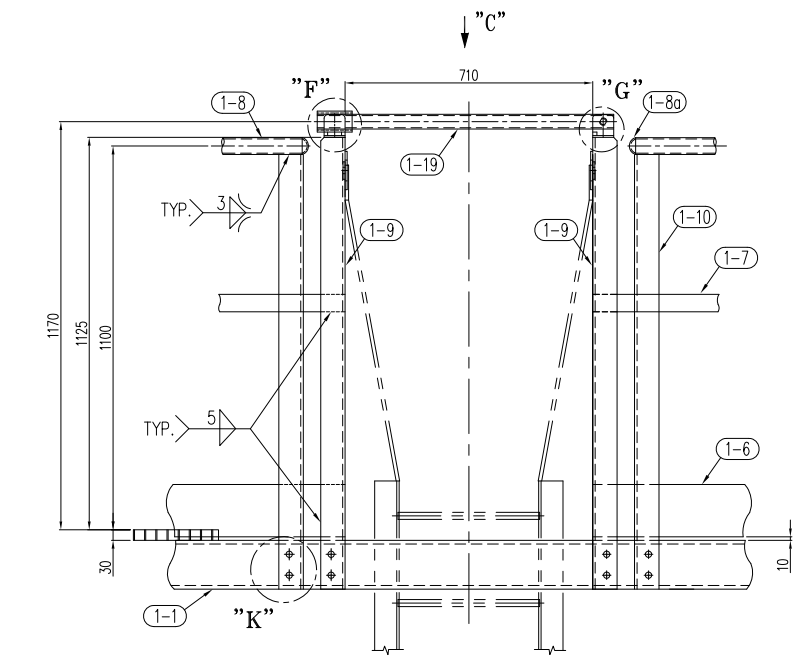
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

DOCUMENT NUMBER : SA01-PV-FSFX-ME-DWVD-3007-02 VD-V090-0130-007

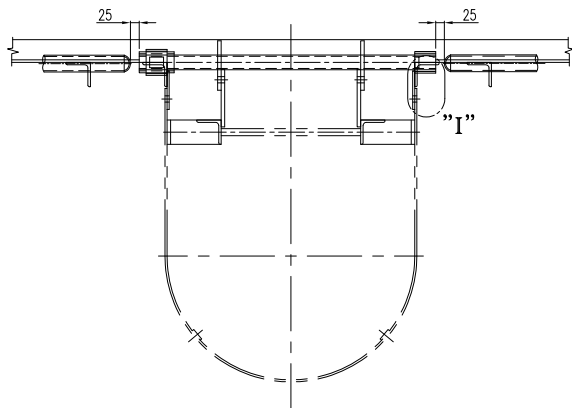
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	SHEET
SA01-PV	FSFX	ME	DWVD	3007	02	1/6

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

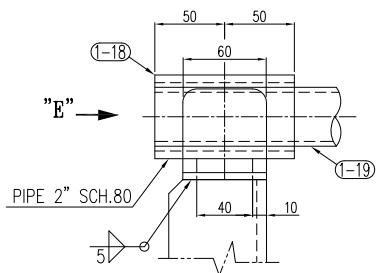
A
B
C
D
E
F
G
H



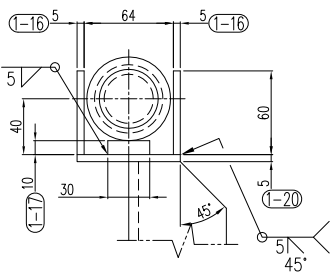
DETAIL OF SAFETY GATE



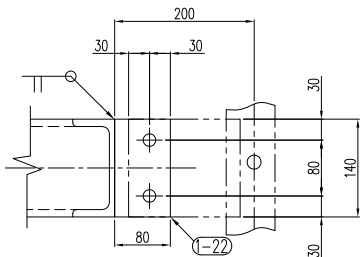
VIEW "C"



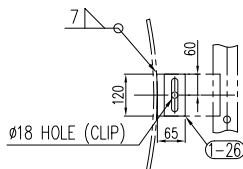
DETAIL "F"



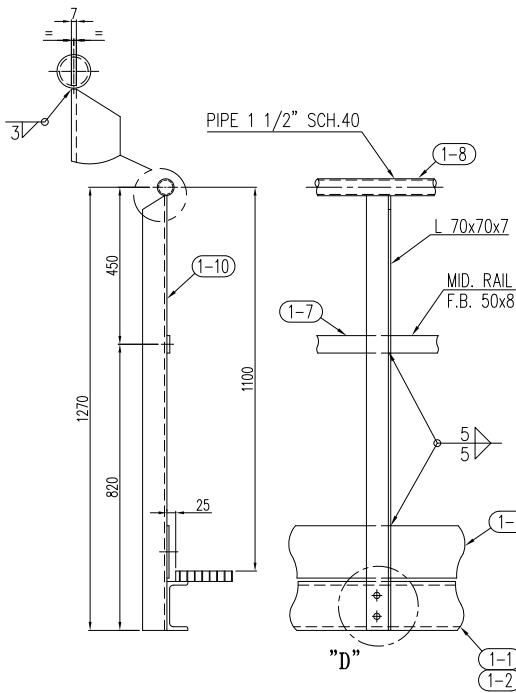
VIEW "E"



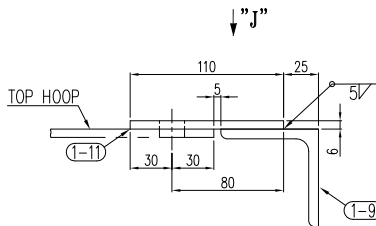
DETAIL "L"



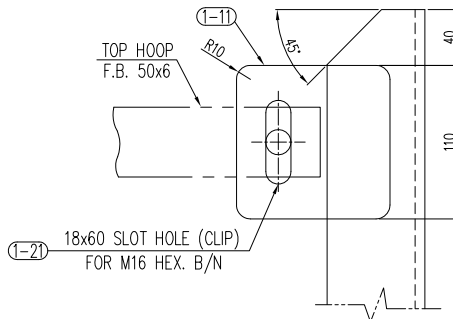
DETAIL "M"



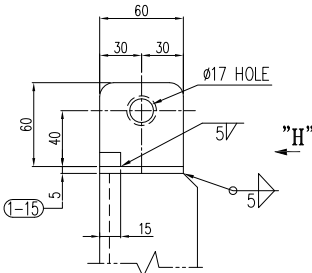
DETAIL OF HANDRAIL



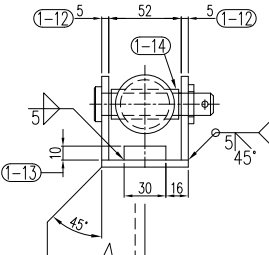
DETAIL "I"



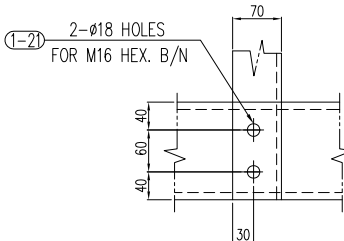
VIEW "J"



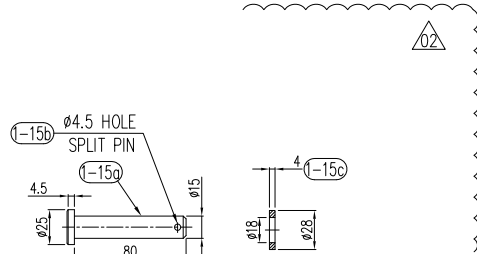
DETAIL "G"



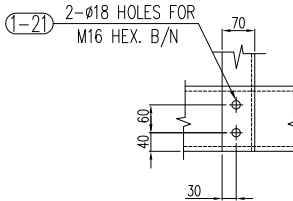
VIEW "H"



DETAIL "K"



DETAIL OF CLEVIS PIN/W



DETAIL "D"

AS BUILT

BILL OF MATERIALS								
NO.	PARTICULARS	RQD	WEIGHT (Kg)		MATERIAL	REMARK		
		MAIN/SPA	UNIT	TOTAL				
02	08.Dec.2019	Issued for Approval			s.shahbazi	M.pilevar	M.jafari	--
01	05.Oct.2019	Issued for Approval			s.shahbazi	M.pilevar	M.jafari	--
00	19.May.2019	Issued for Approval			s.shahbazi	M.pilevar	M.jafari	--
Rev.	Date	Status			Prep.	Chk.	App.	R.S.
MANAGMENT CONTRACTOR:								
								
CONTRACTOR:								
								
PROJECT TITLE:								
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT								
PHASE1—MANIFOLD STATIONS & TRUNK LINES (NORTH SIDE)								
FACILITIES:								
SURFACE PRODUCTION FACILITIES								
DRAWING TITLE:								
LADDER & PLATFORM DRAWING								
FOR (V-30937100) CLOSED DRAIN DRUM								
SCALE		SIZE			CLASS			
1/30		A2			A			
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED								
DOCUMENT NUMBER : SA01-PV-FSFX-ME-DWVD-3007-02					VD-V090-0130-007		SHEET	
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION			
SA01—PV	FSFX	ME	DWVD	3007	02			
2/6								

A2
A
B
C
D
E
F
G
H

A

B

C

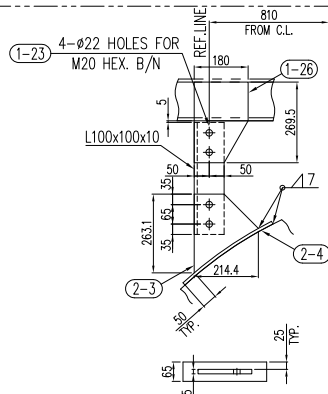
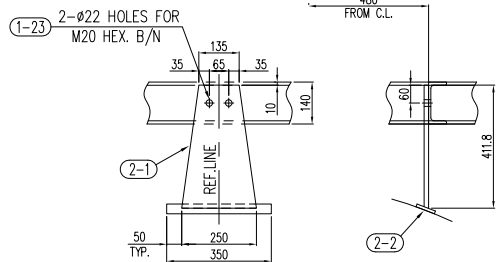
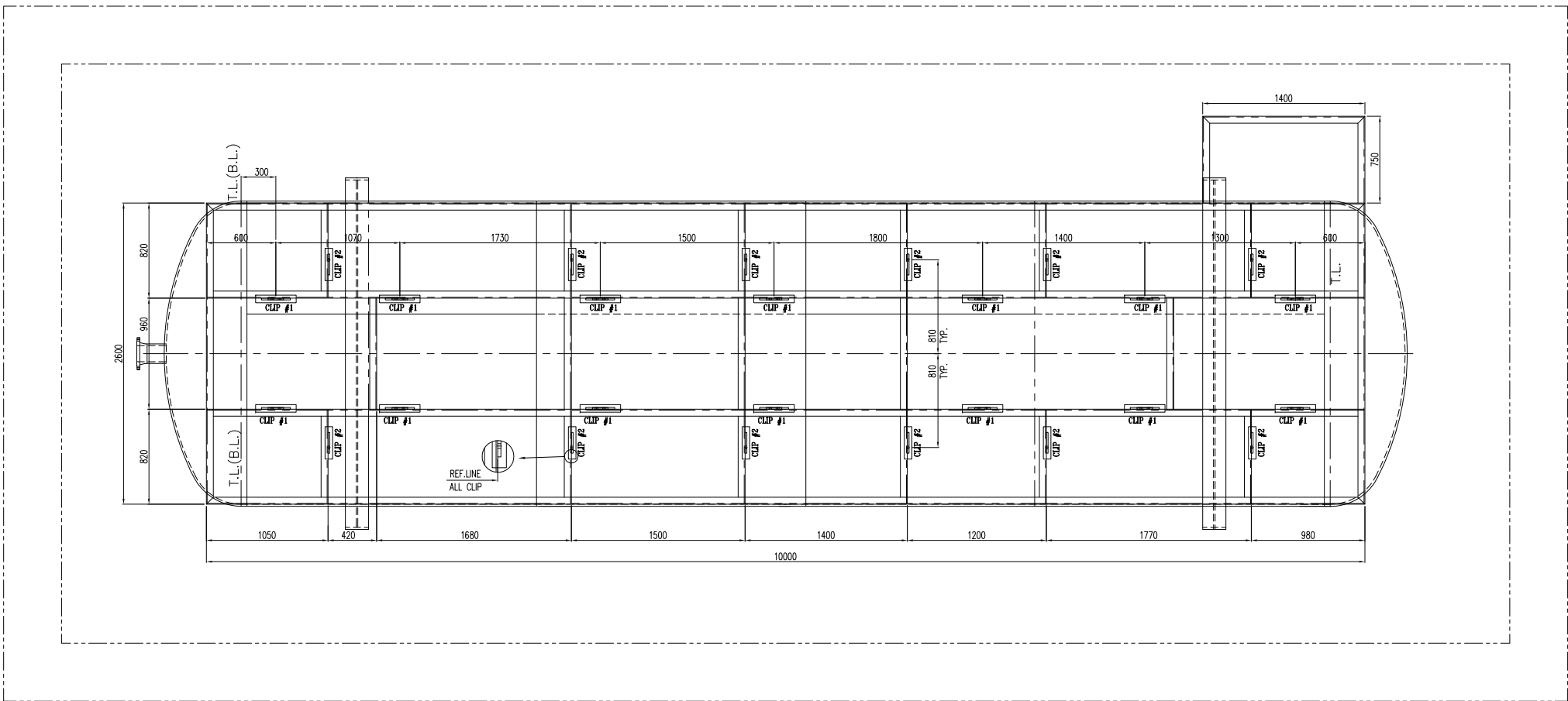
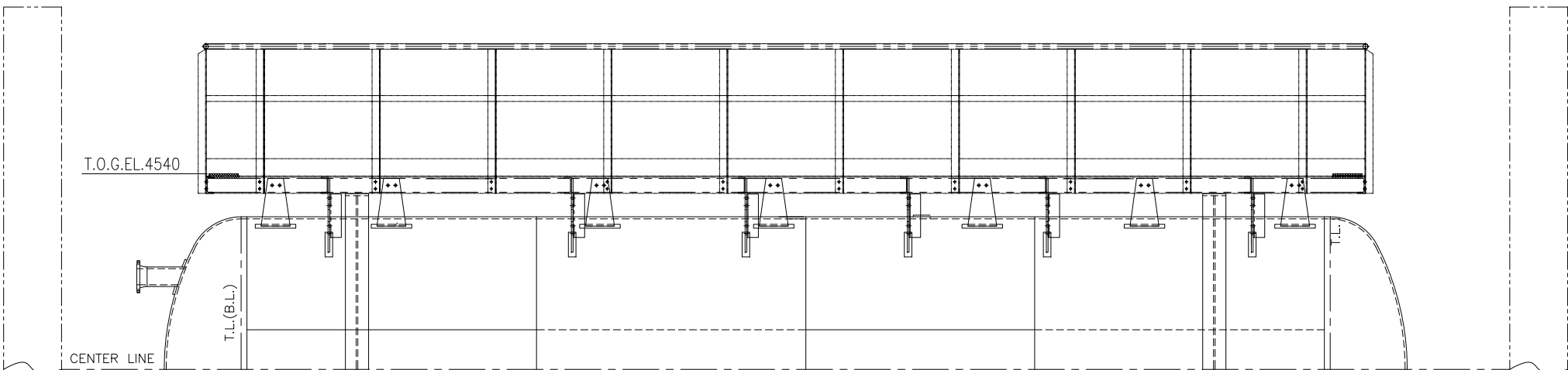
D

E

F

G

H



BILL OF MATERIALS

NO.	PARTICULARS	RQD		WEIGHT (Kg)		MATERIAL	REMARK
		MAIN	SPL.	UNIT	TOTAL		
2-1	PL. 15 X 250 X 411.8	14		12	168	ST 37	
2-2	PL. 10 X 65 X 350	14		1.8	25.2	SA516-70	
2-3	PL. 15 X 214.4 X 263	12		6.5	78	ST 37	
2-4	PL. 10 X 65 X 361	12		1.8	21.6	SA516-70	

WEIGHT PER 1 SET : 292.8 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 292.8 Kg

AS BUILT

02	08.Dec.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
01	13.Oct.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	19.May.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--

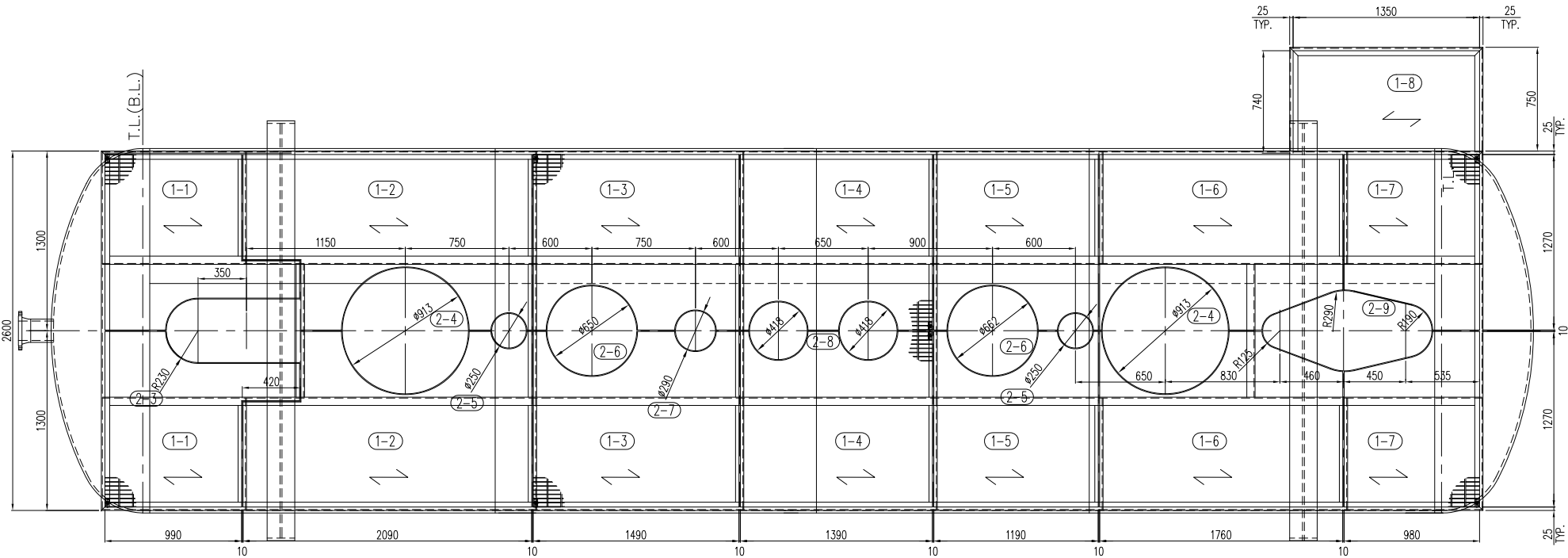
MANAGEMENT CONTRACTOR:		CLIENT:	
CONTRACTOR:			

PROJECT TITLE:
SOUTH AZADegan OIL FIELD DEVELOPMENT PROJECT
PHASE1-MANIFOLD STATIONS & TRUNK LINES (NORTH SIDE)

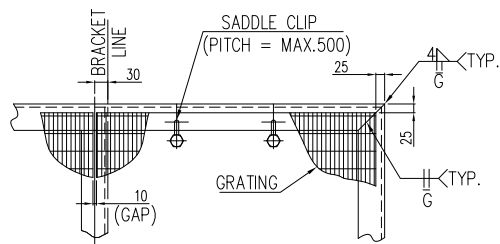
FACILITIES:
SURFACE PRODUCTION FACILITIES

DRAWING TITLE:
LADDER & PLATFORM (CLIPS) DRAWING
FOR (V-30937100) CLOSED DRAIN DRUM

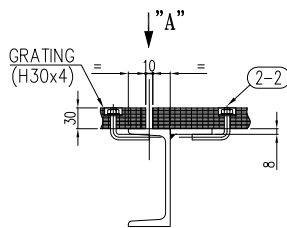
SCALE		SIZE		CLASS		
1/35		A2		A		
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
DOCUMENT NUMBER : SA01-PV-FSFX-ME-DWVD-3007-02				VD-V090-0130-007		
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	SHEET
SA01—PV	FSFX	ME	DWVD	3007	02	
						3/6



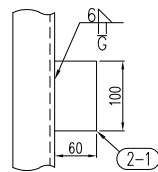
TOP VIEW
T.O.P. EL.+0.00



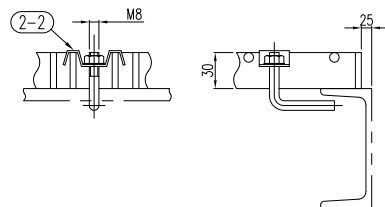
GRATING SETTING



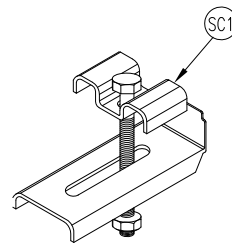
SADDLE CLIP



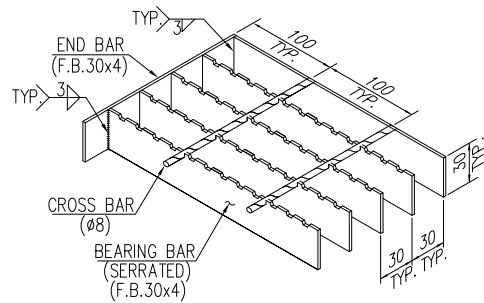
VIEW "A"



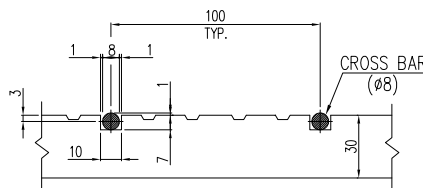
SADDLE CLIP DETAIL
(MIN. 4 FASTENERS REQUIRED PER ONE (1) PANEL)



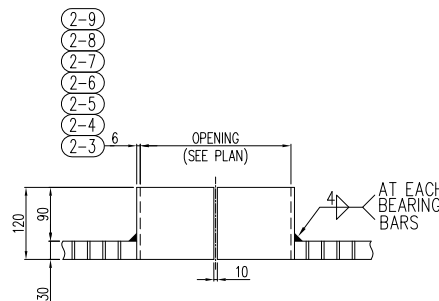
NORMAL CLIP



GRATING



TYP. GRATING DETAIL



GRATING OPENING DETAIL

BILL OF MATERIALS

NO.	PARTICULARS	WEIGHT (Kg)		MATERIAL	REMARK
		RQD MAIN SP.	UNIT TOTAL		
1-1	GRATING 1270 X 990	2	44	88	ST 37
1-2	GRATING 1270 X 2090	2	93	186	ST 37
1-3	GRATING 1270 X 1490	2	66	132	ST 37
1-4	GRATING 1270 X 1390	2	62	124	ST 37
1-5	GRATING 1270 X 1190	2	53	106	ST 37
1-6	GRATING 1270 X 1760	2	73.5	147	ST 37
1-7	GRATING 1270 X 980	2	43.5	87	ST 37
1-8	GRATING 740 X 1350	1	35	35	ST 37
2-1	PL 8 X 60 X 100	28	0.3	7.2	ST 37 SUPPORT PLATE
2-2	HEX. B/N/W M8 . L=90	98	0.03	3	Gr.8.8 SADDLE CLIP
2-3	SLEEVE PL 6 X 120 X 1096	2	6	12	ST 37
2-4	SLEEVE PL 6 X 120 X 1434	4	8	32	ST 37
2-5	SLEEVE PL 6 X 120 X 392	4	2.2	8.8	ST 37
2-6	SLEEVE PL 6 X 120 X 1020	4	6	24	ST 37
2-7	SLEEVE PL 6 X 120 X 455	2	2.5	5	ST 37
2-8	SLEEVE PL 6 X 120 X 656	4	3.7	14.8	ST 37
2-9	SLEEVE PL 6 X 120 X 1445	2	8	16	ST 37

WEIGHT PER 1 SET : 1026.9 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 1026.9 Kg

AS BUILT

02	08.Dec.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
01	05.Oct.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	19.May.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANAGEMENT CONTRACTOR:	CLIENT:
	
CONTRACTOR:	
	

PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
PHASE1—MANIFOLD STATIONS & TRUNK LINES (NORTH SIDE)

FACILITIES: SURFACE PRODUCTION FACILITIES

DRAWING TITLE:
LADDER & PLATFORM DRAWING
FOR (V-30937100) CLOSED DRAIN DRUM

SCALE		SIZE		CLASS		
1/30		A2		A		
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
DOCUMENT NUMBER : SA01-PV-FSFX-ME-DWVD-3007-02				VD-V090-0130-007		SHEET
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	
SA01 – PV	FSFX	ME	DWVD	3007	02	5/6

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

