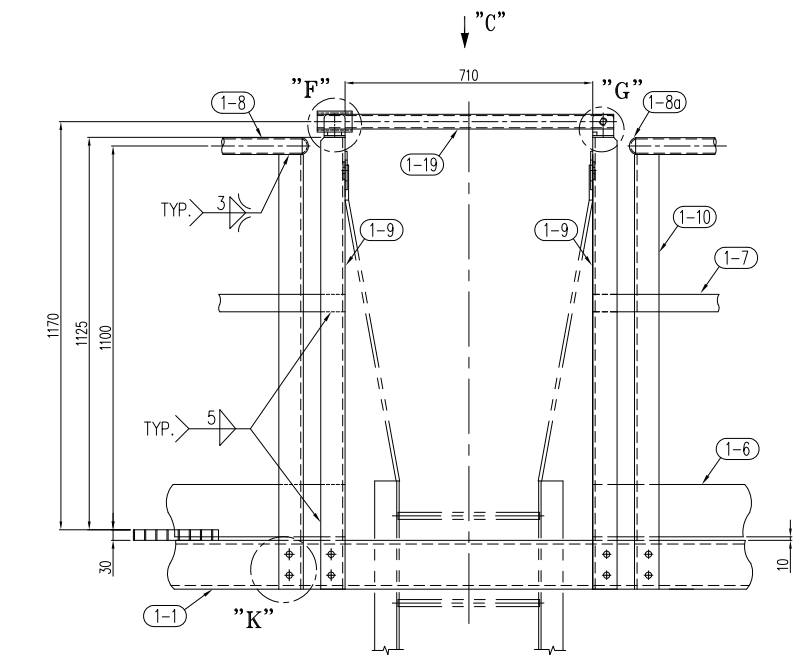
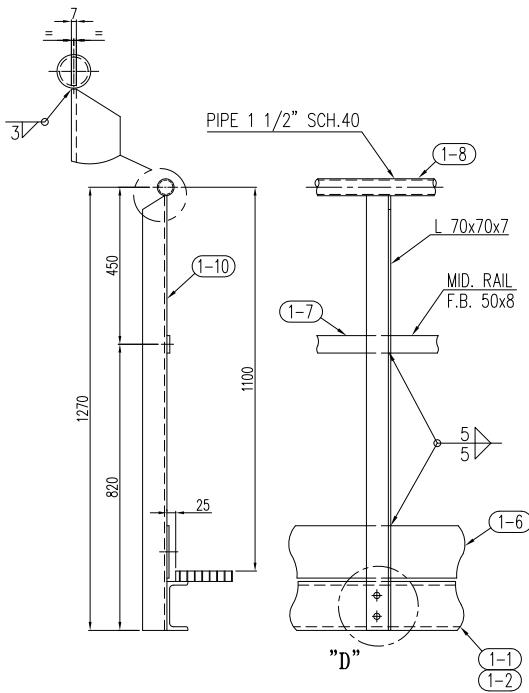


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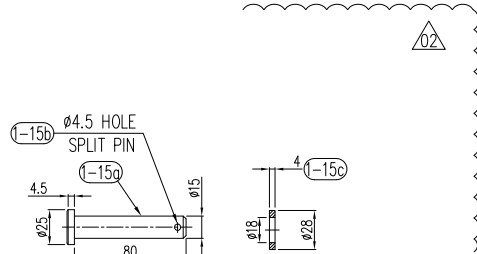
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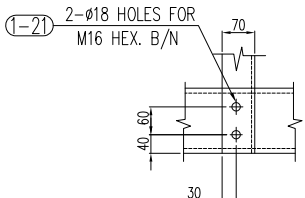
DETAIL OF SAFETY GATE



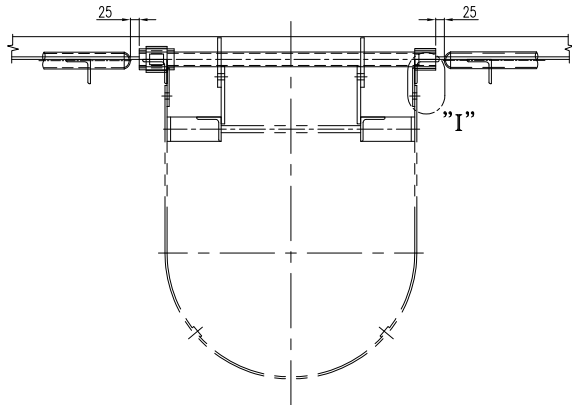
DETAIL OF HANDRAIL



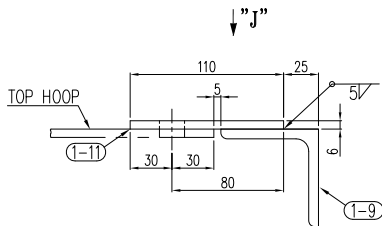
DETAIL OF CLEVIS PIN/W



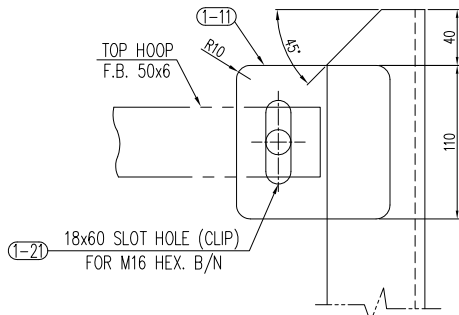
DETAIL "D"



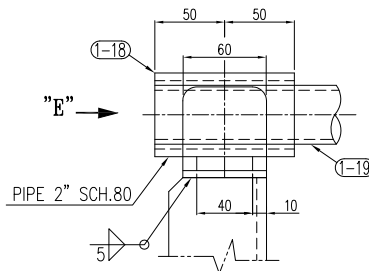
VIEW "C"



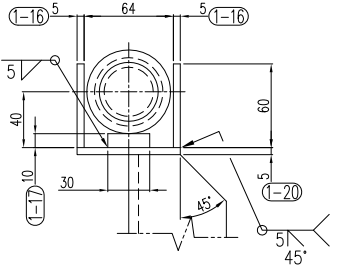
DETAIL "I"



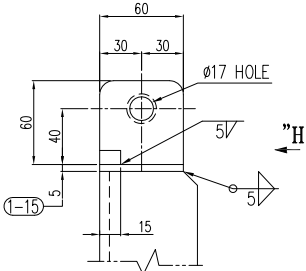
VIEW "J"



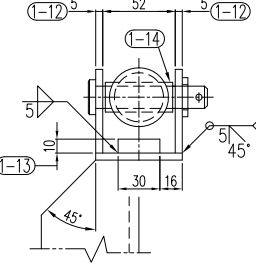
DETAIL "F"



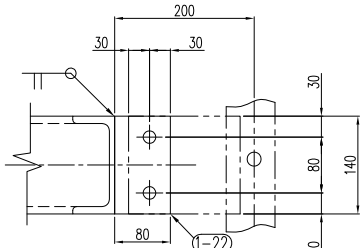
VIEW "E"



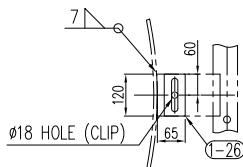
DETAIL "G"



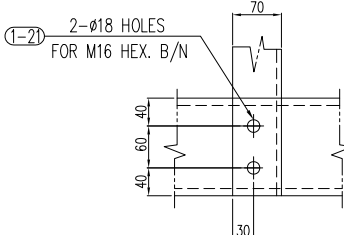
VIEW "H"



DETAIL "L"



DETAIL "M"



DETAIL "K"

BILL OF MATERIALS

NO.	PARTICULARS	WEIGHT (Kg)		MATERIAL	REMARK
		QDD	MAINSPA		

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	--

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
FOR (V-31037100) CLOSED DRAIN DRUM

12345678

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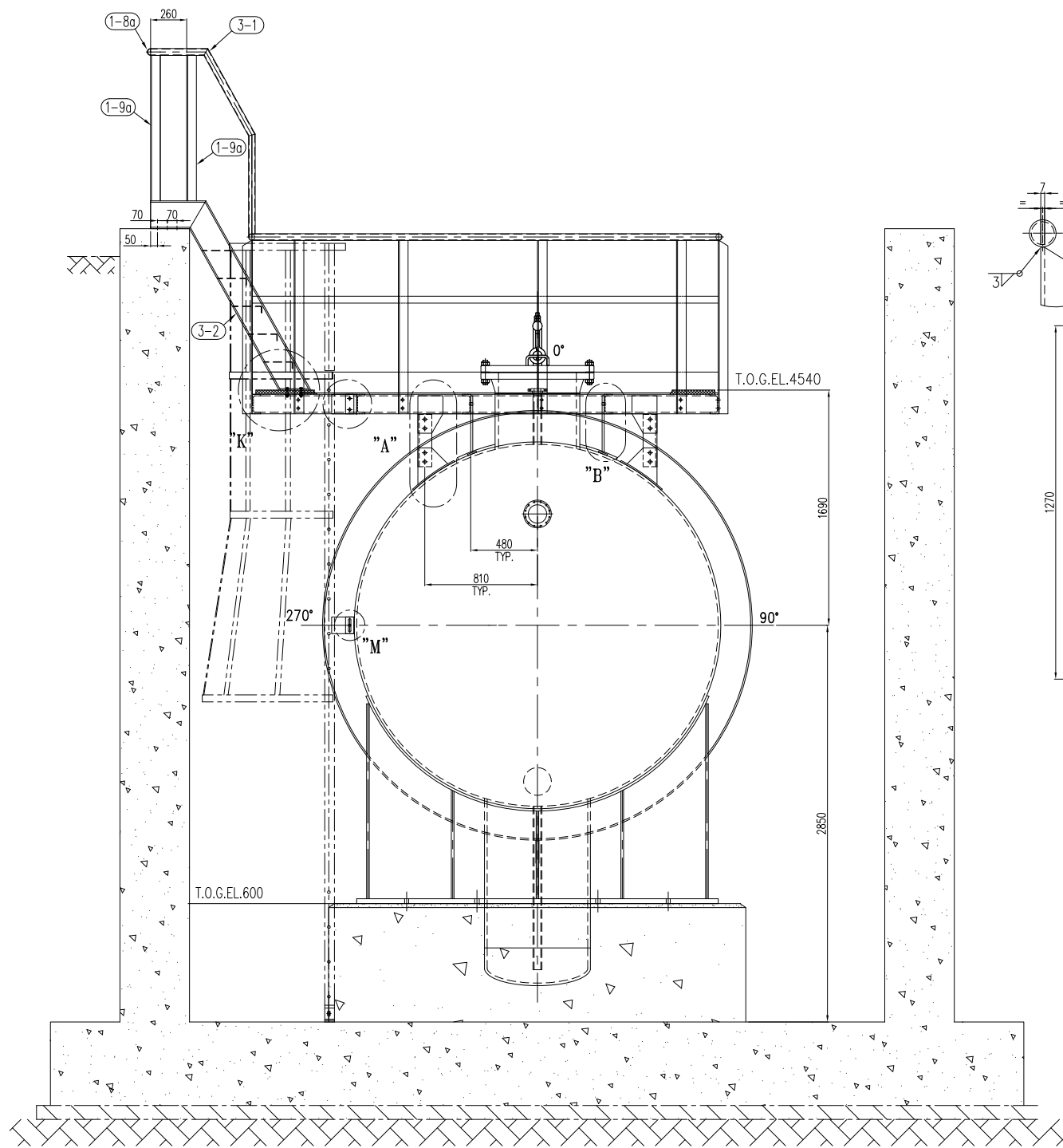
D

E

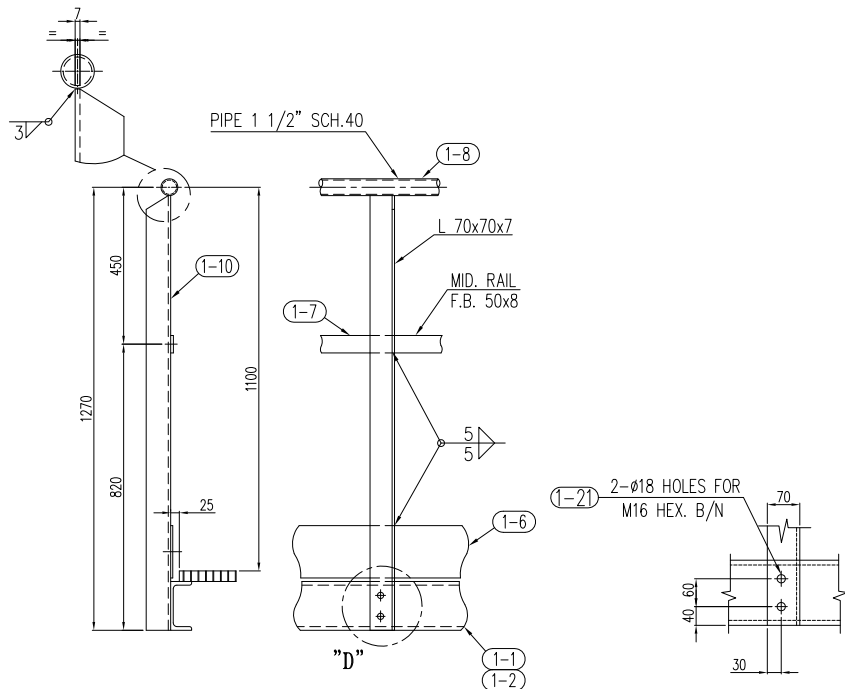
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G

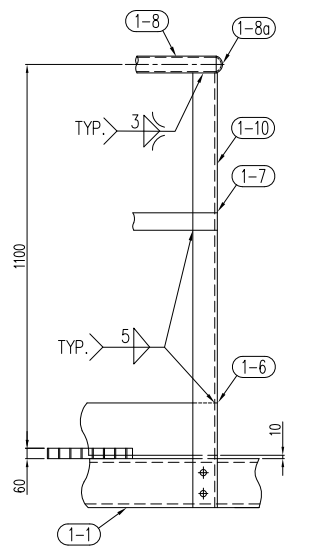
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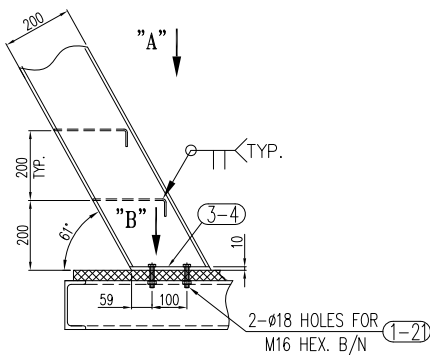
DETAIL OF HANDRAIL



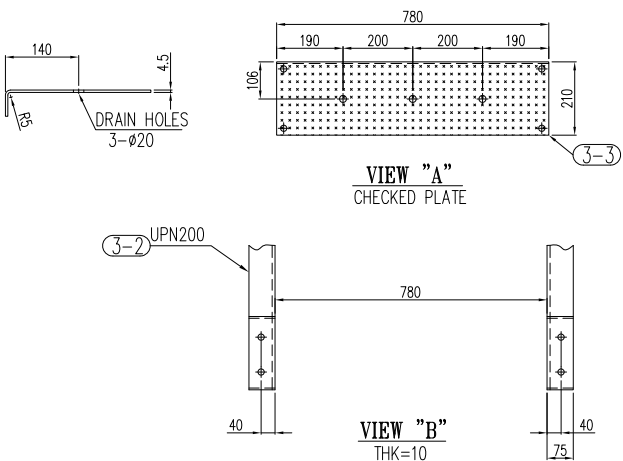
DETAIL "D"



DETAIL OF LADDER



DETAIL "K"



BILL OF MATERIALS

NO.	PARTICULARS	RQD		WEIGHT (Kg)		MATERIAL	REMARK
		MAINS	SPA.	UNIT	TOTAL		
3-1	PIPE 1,1/2" ,SCH.40 X L=915	2		4	8	SA 53	
3-2	UPN 200- L=1955	2		49.5	99	ST 37	
3-3	PL. 4.5x320x780	5		10	50	ST 37	CHECKED PLATE
3-4	PL. 10x75x200	2		1.2	2.4	ST 37	

WEIGHT PER 1 SET : 159.4 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 159.4 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.

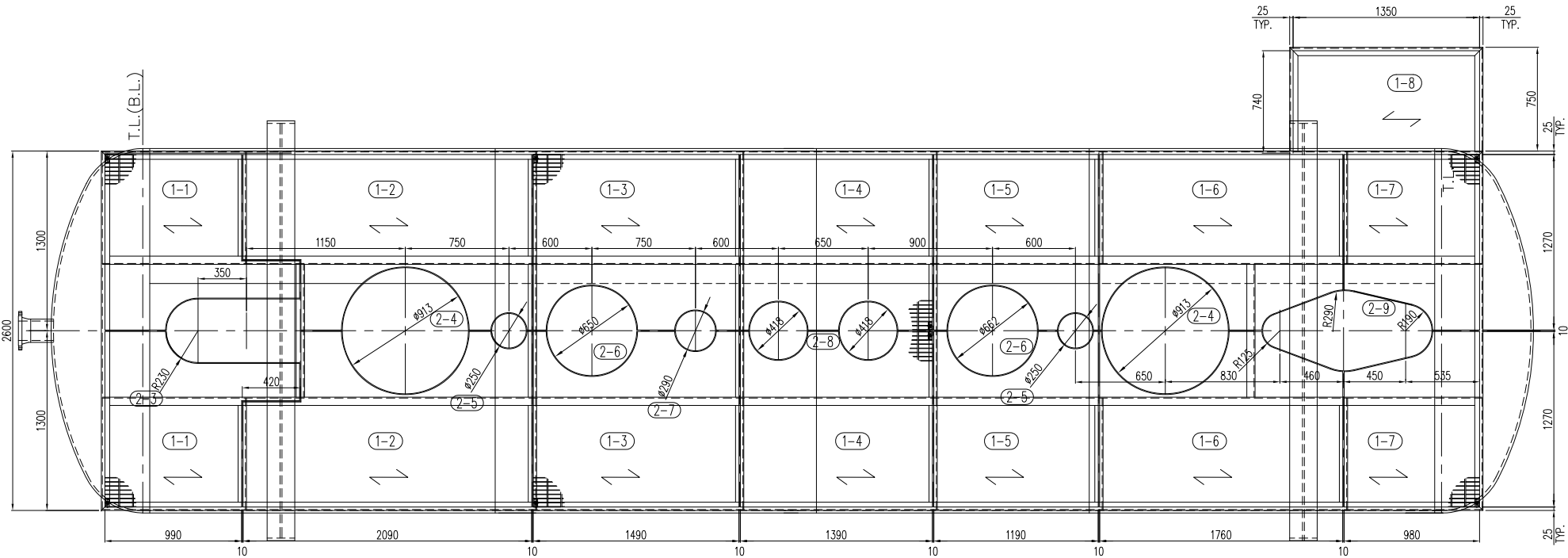
MANAGMENT CONTRACTOR: 
CONTRACTOR: 

CLIENT: 

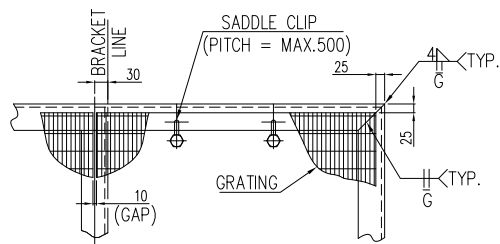
PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
PHASE1-MANIFOLD STATIONS & TRUNK LINES (NORTH SIDE)

FACILITIES: SURFACE PRODUCTION FACILITIES

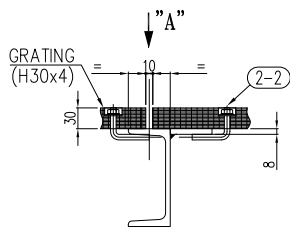
DRAWING TITLE:
**LADDER & PLATFORM DRAWING
FOR (V-31037100) CLOSED DRAIN DRUM**



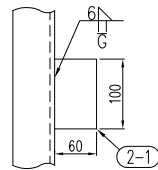
TOP VIEW
T.O.P. EL.+0.00



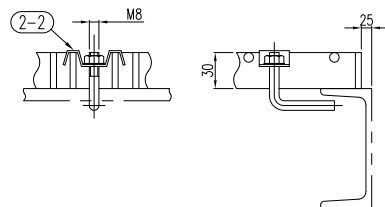
GRATING SETTING



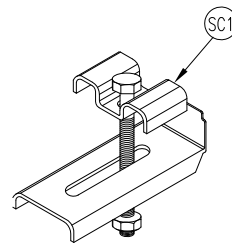
SADDLE CLIP



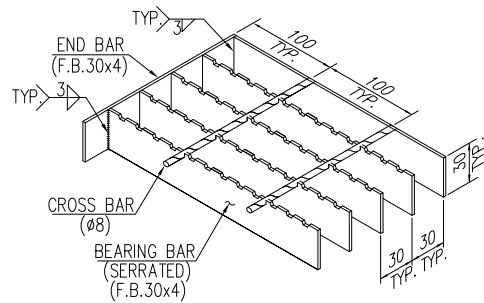
VIEW "A"



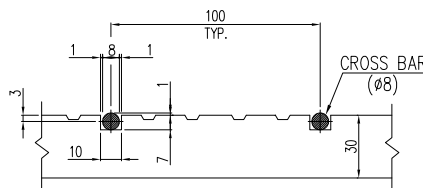
SADDLE CLIP DETAIL
(MIN. 4 FASTENERS REQUIRED PER ONE (1) PANEL)



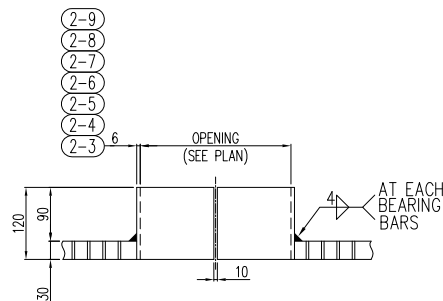
NORMAL CLIP



GRATING



TYP. GRATING DETAIL



GRATING OPENING DETAIL

BILL OF MATERIALS

NO.	PARTICULARS	RQD		WEIGHT (Kg)		MATERIAL	REMARK
		MAIN	SPL.	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.

MANAGMENT CONTRACTOR:		CLIENT:	
CONTRACTOR:			

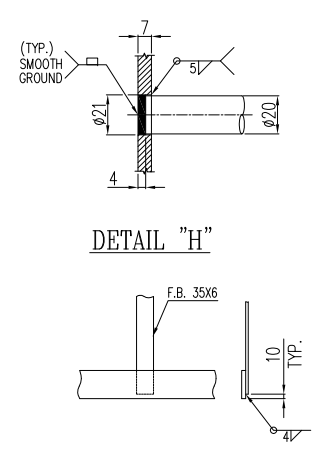
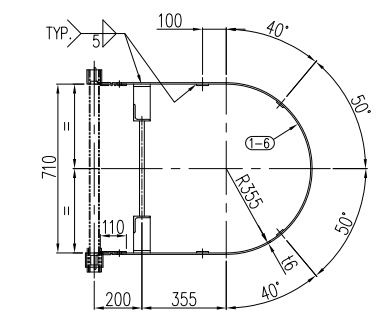
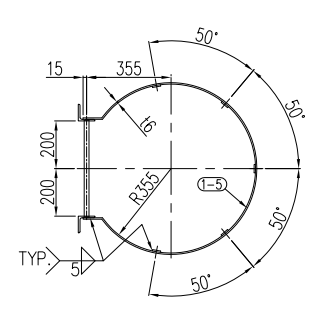
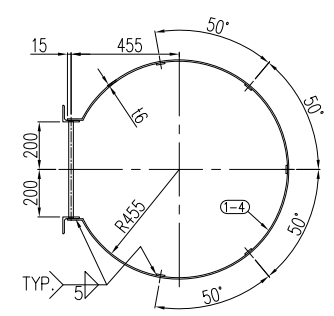
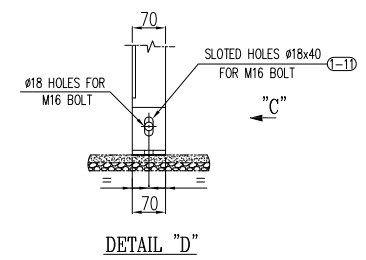
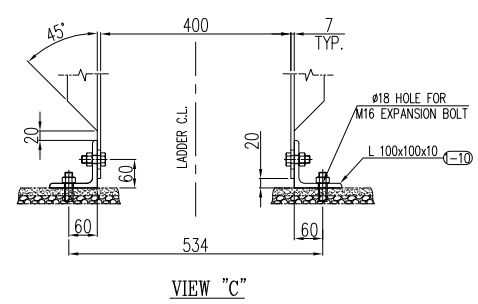
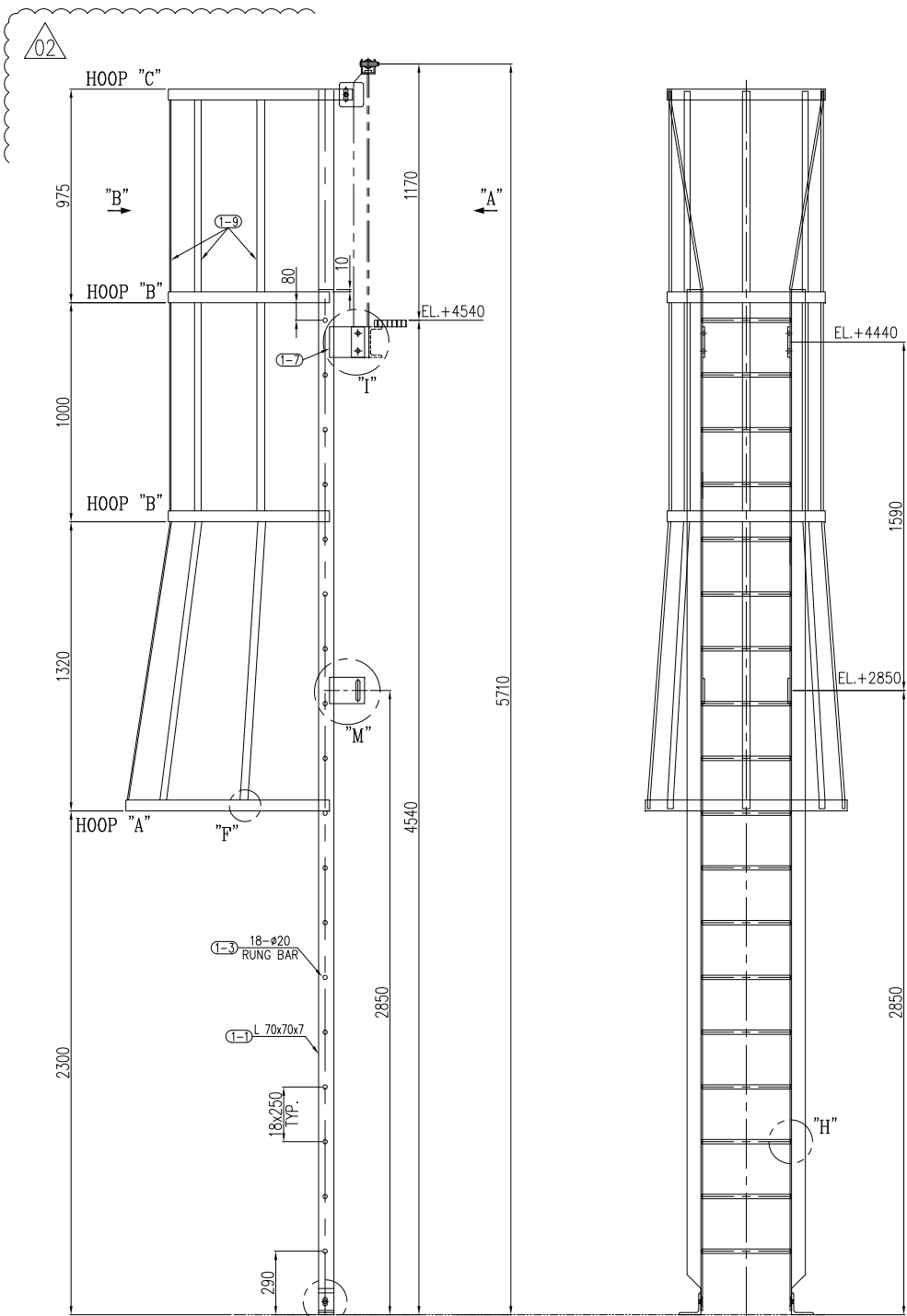
PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
PHASE1—MANIFOLD STATIONS & TRUNK LINES (NORTH SIDE)

FACILITIES: SURFACE PRODUCTION FACILITIES

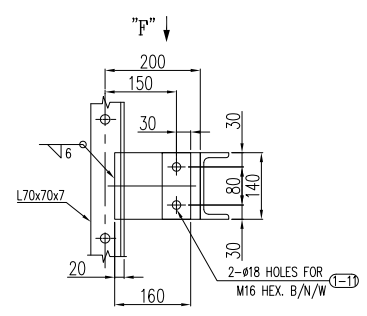
DRAWING TITLE:
LADDER & PLATFORM DRAWING(GRATING)
FOR (V-31037100) CLOSED DRAIN DRUM

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

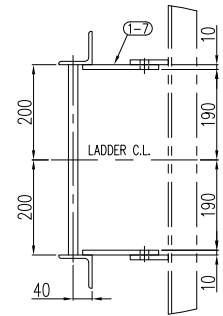
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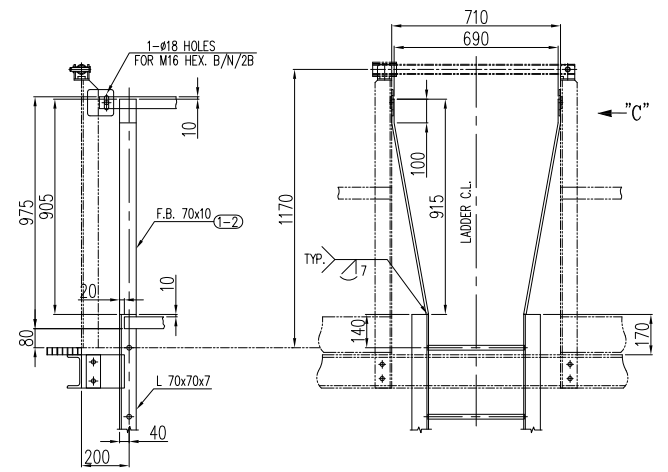
DETAIL "H"



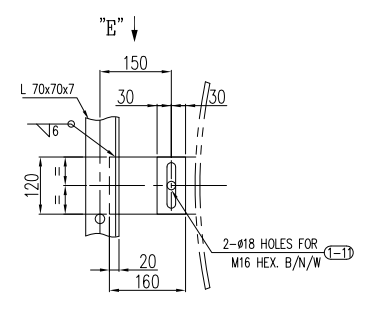
DETAIL "I"



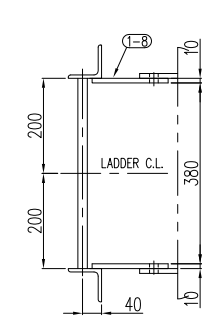
VIEW "F"



VIEW "C"



DETAIL "M"



VIEW "E"

BILL OF MATERIALS

NO.	PARTICULARS	RQD		WEIGHT (Kg)		MATERIAL	REMARK
		MAINSPL.	UNIT	TOTAL			
1-1	L 70 X 70 X 7 X L= 4660	2	48	96	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	18	0.8	14.5	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	2	4.5	9	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 160 X 120	2	1.5	3	ST 37		
1-9	F.B. 35 X 6 X L=3290	5	5.5	27.5	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=60	8SET.	-	-	SA193-Gr.B7M/SA194-Gr.2HM		

WEIGHT PER 1 SET : 208.6 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 208.6 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:			
Petrotrans Ltd.			PEDEC			
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(LADDER) FOR (V-31037100) CLOSED DRAIN DRUM			
SCALE		SIZE		CLASS		
1/30		A2		A		
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
DOCUMENT NUMBER : SA01-PV-FSFX-ME-DWVD-3207-						