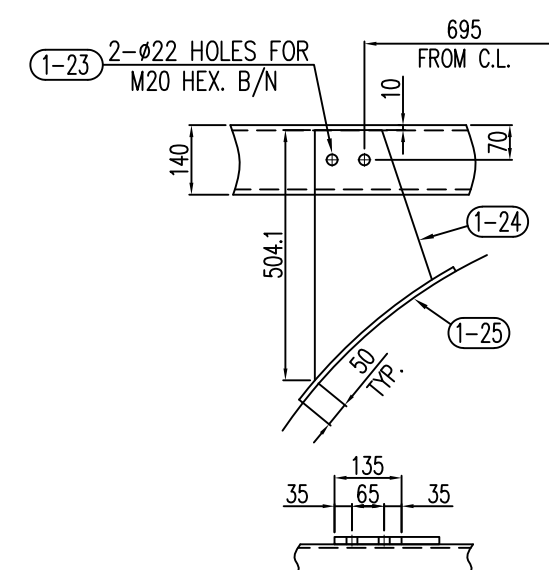
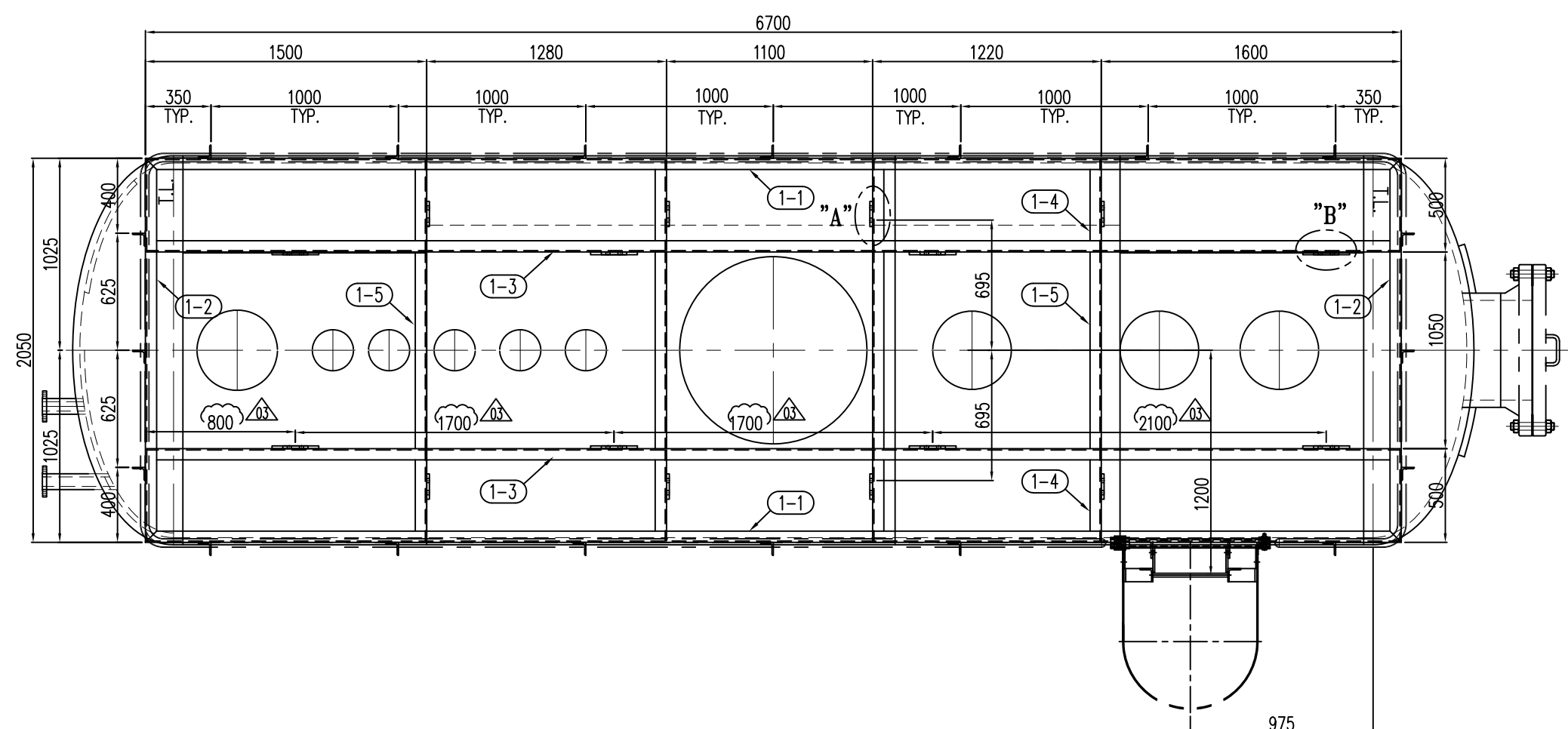
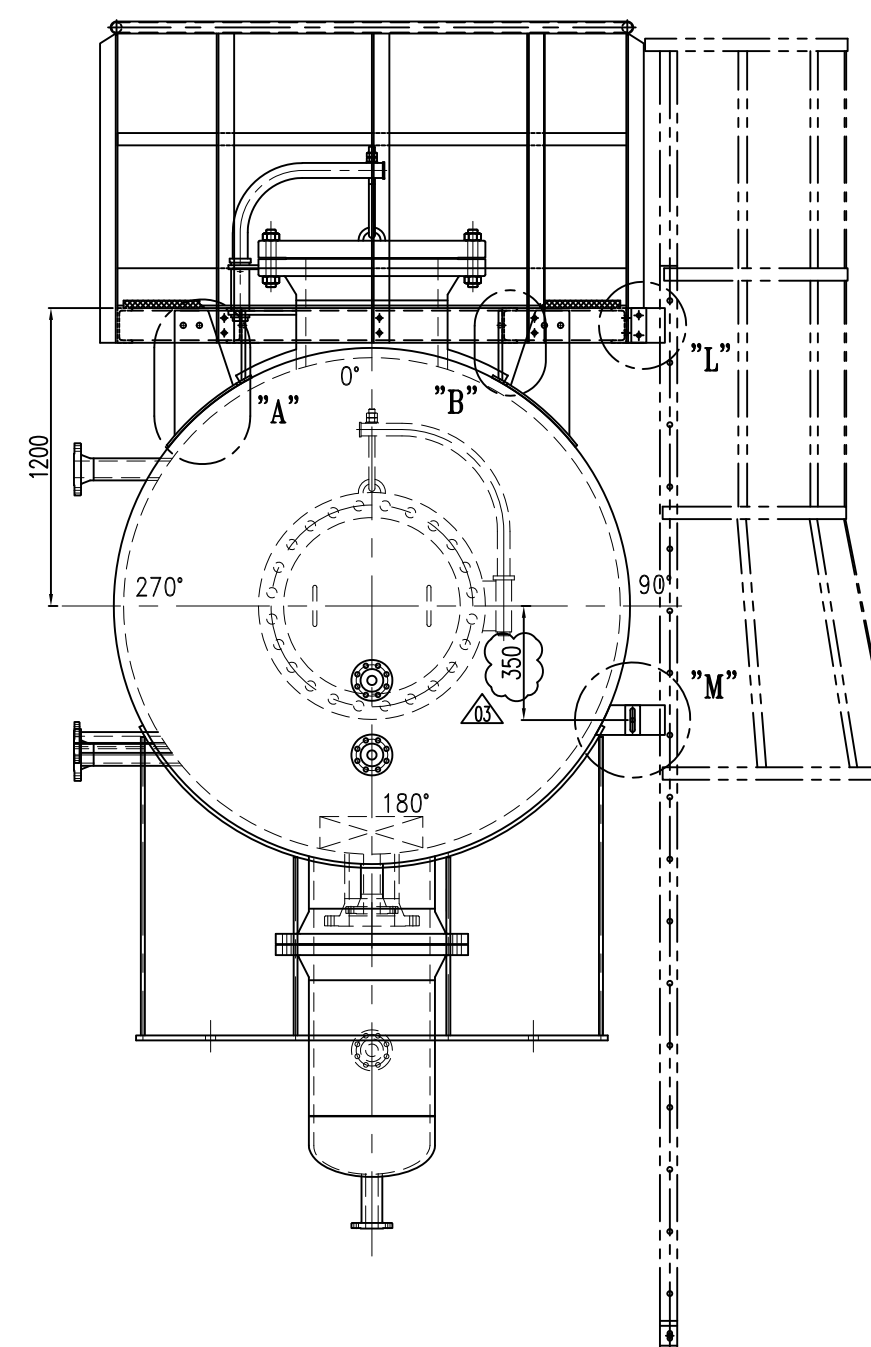
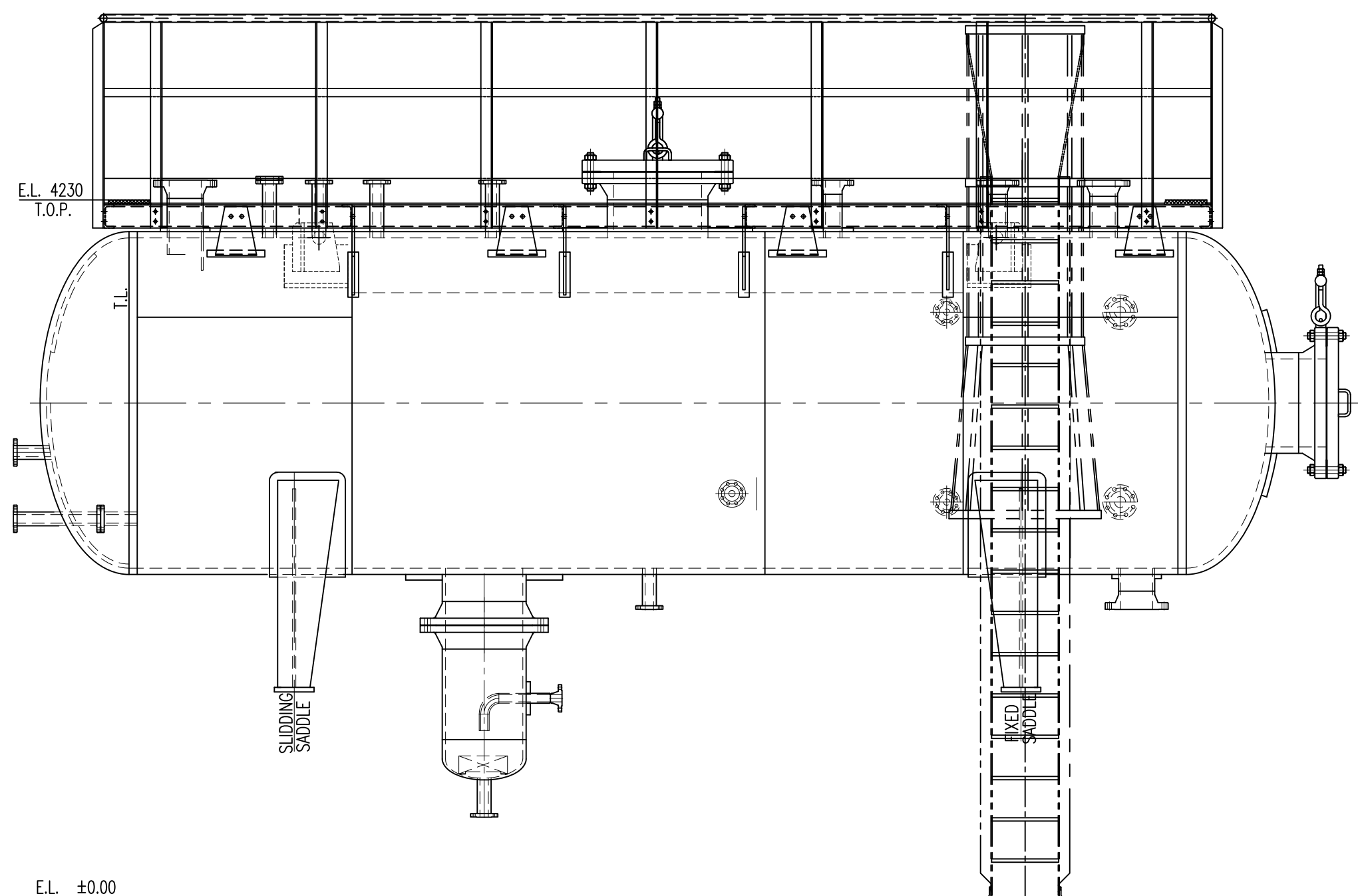
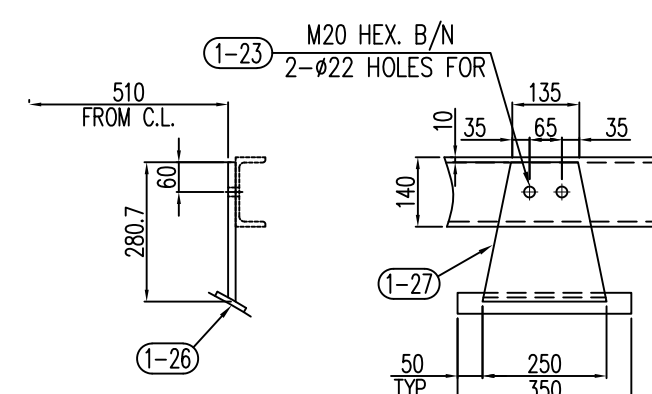




DETAIL "A"



DETAIL "B"

BILL OF MATERIALS							
NO.	PARTICULARS	RQD		WEIGHT (Kg)		MATERIAL	REMARK
		MAIN	SPA	UNIT	TOTAL		
1-1	UPN 140 X L=6700	2		115	230	ST 37	
1-2	UPN 140 X L=2050	2		35	70	ST 37	
1-3	UPN 140 X L=6686	2		114.3	228.6	ST 37	
1-4	UPN 140 X L=486	8		8.2	65.6	ST 37	
1-5	UPN 140 X L=1050	4		18	72	ST 37	
1-6	F.B. 150 X 6 X L=16552	1		117	117	ST 37	
1-7	F.B. 50 X 8 X L=16552	1		52	52	ST 37	
1-8	PIPE 1,1/2" ,SCH.40 X L=16456	1		65.7	65.7	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	19		9	171	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 0.028 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	44		--	--	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	32		0.25	8	A193-Gr.B7M/194-Gr.2HM	
1-24	PL. 15 X 235 X 504	8		13.9	111.2	ST 37	
1-25	PL. 10 X 65 X 411	8		2	16	SA516-70	
1-26	PL. 10 X 65 X 350	8		1.8	14.4	SA516-70	
1-27	PL. 15 X 250 X 280.7	8		8.2	65.6	ST 37	
1-28	PL. 10 X 120 X 179.3	2		1.7	3.4	ST 37	

WEIGHT PER 1 SET :	1348.8	Kg
NUMBER OF SETS :	1	
TOTAL WEIGHT :	1348.8	Kg

AS BUILT

03	18.Jul.2021	AS BUILT	s.shahbazi	M.pilevar	M.jafari	--
02	05.May.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
01	10.Mar.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	17.Feb.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)

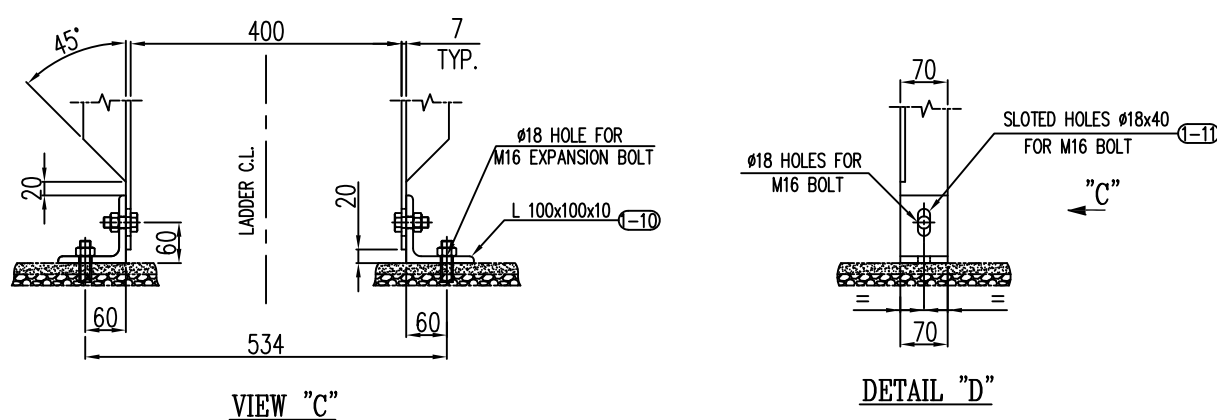
FACILITIES:	SURFACE PRODUCTION FACILITIES
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DRAWING TITLE: LADDER & PLATFORM DRAWING
FOR TEST SEPARATOR (SE-30815100)

SCALE	SIZE	CLASS
1/30	A2	A

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
DOCUMENT NUMBER :SA01-PV-FSFX-ME-DWVD-2707-03					VD-V090-0127-007	
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	SHEET
SA01—PV	FSFX	ME	DWVD	2707	03	1/4

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A
B
C
D
E
F
G
H

A

B

C

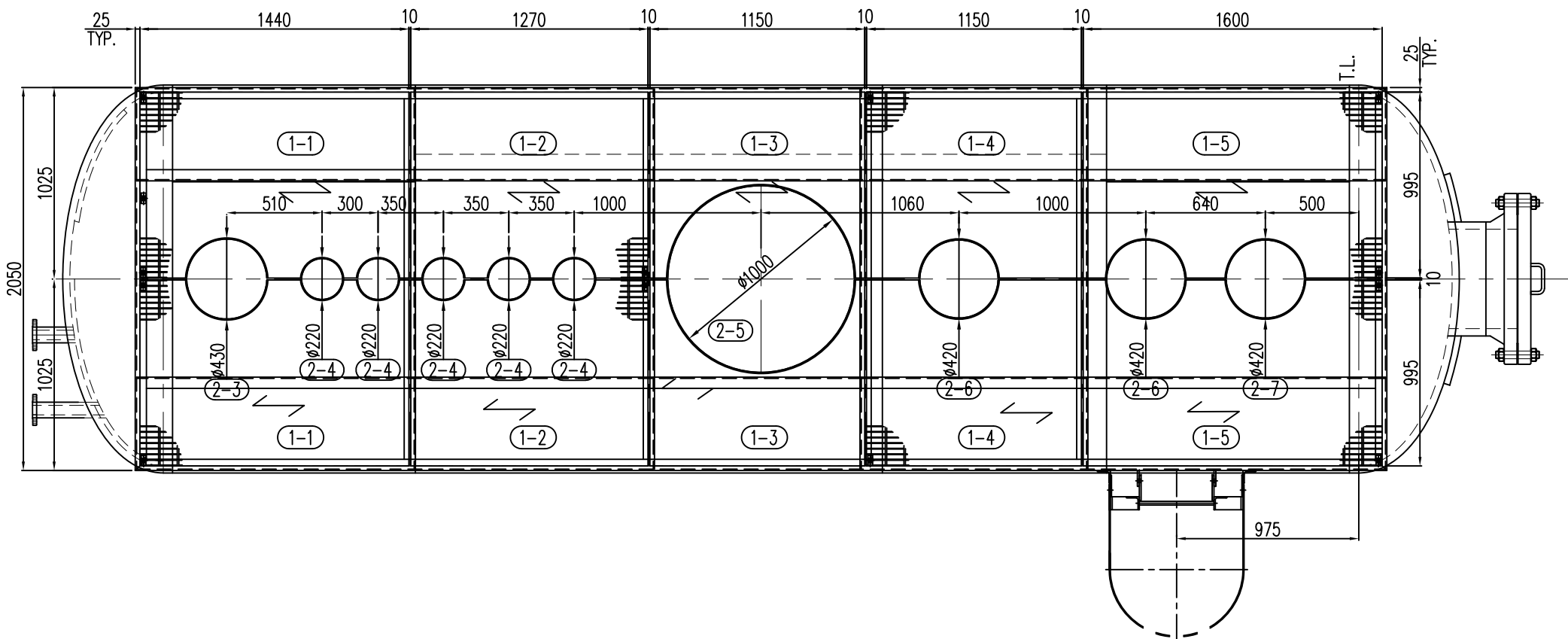
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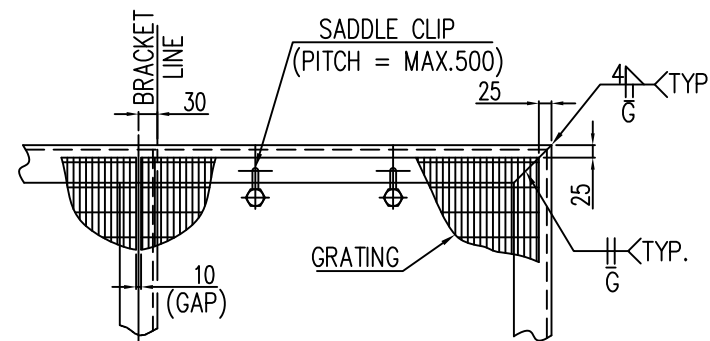
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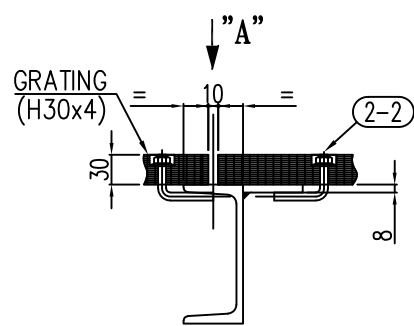
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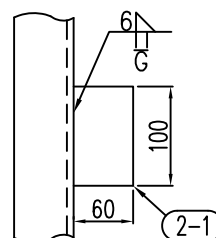
TOP VIEW
T.O.P. EL.+4230



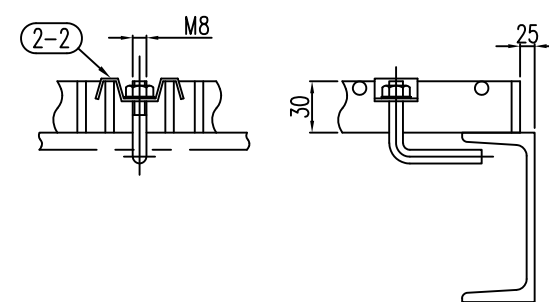
GRATING SETTING



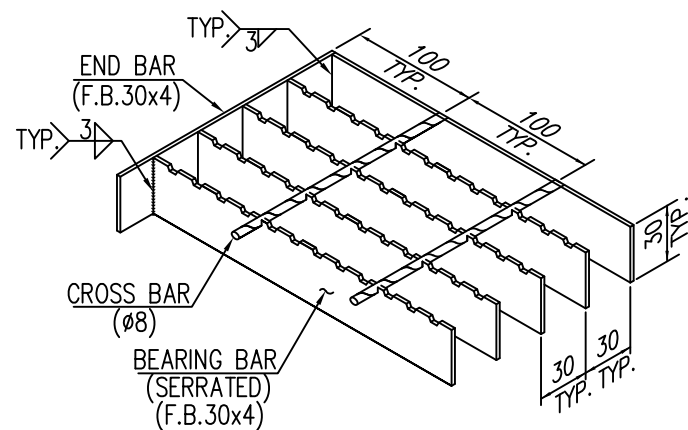
SADDLE CLIP



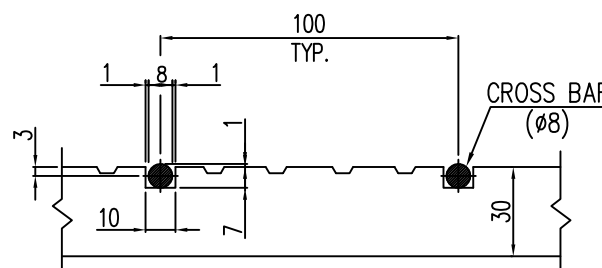
VIEW "A"



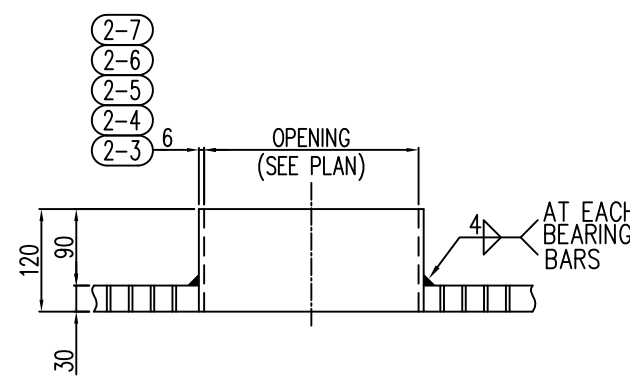
SADDLE CLIP DETAIL
(MIN. 4 FASTENERS REQUIRED PER ONE (1) PANEL)



GRATING



TYP. GRATING DETAIL



GRATING OPENING DETAIL

BILL OF MATERIALS

NO.	PARTICULARS	RQD	WEIGHT (Kg)		MATERIAL	REMARK
		MAIN	SPA	TOTAL		
1-1	GRATING 995 X 1440	2	50	100	ST 37	
1-2	GRATING 995 X 1270	2	44.3	88.6	ST 37	
1-3	GRATING 995 X 1150	2	40	80	ST 37	
1-4	GRATING 995 X 1150	2	40	80	ST 37	
1-5	GRATING 995 X 1600	2	56	112	ST 37	
2-1	PL 8 X 60 X 100	24	0.3	7.2	ST 37	SUPPORT PLATE
2-2	HEX. B/N/W M8 . L=90	60	0.03	1.8	Gr.8.8	SADDLE CLIP
2-3	SLEEVE PL 6 X 120 X 685	2	3.8	7.6	ST 37	
2-4	SLEEVE PL 6 X 120 X 355	10	2	20	ST 37	
2-5	SLEEVE PL 6 X 120 X 1580	2	9	18	ST 37	
2-6	SLEEVE PL 6 X 120 X 650	4	3.6	14.4	ST 37	
2-7	SLEEVE PL 6 X 120 X 650	2	3.6	4.2	ST 37	

WEIGHT PER 1 SET : 537 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 537 Kg

NOTE

1. OPENING SIZE ACCORDING STANDARD DRAWING.

AS BUILT

03	18.Jul.2021	AS BUILT	s.shahbazi	M.pilevar	M.jafari	--
02	05.May.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
01	10.Mar.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	17.Feb.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANAGEMENT CONTRACTOR:	CLIENT:
	
CONTRACTOR:	
	

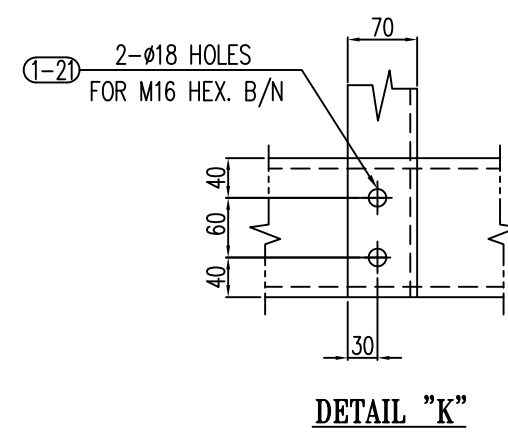
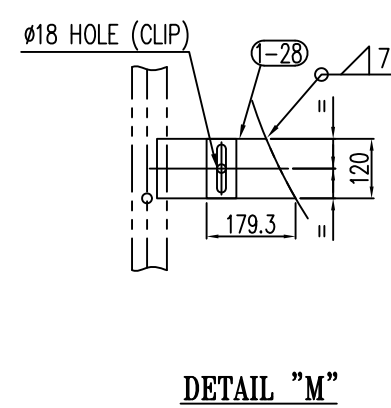
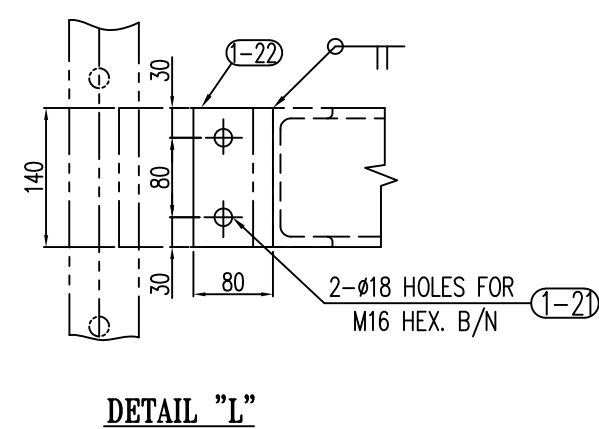
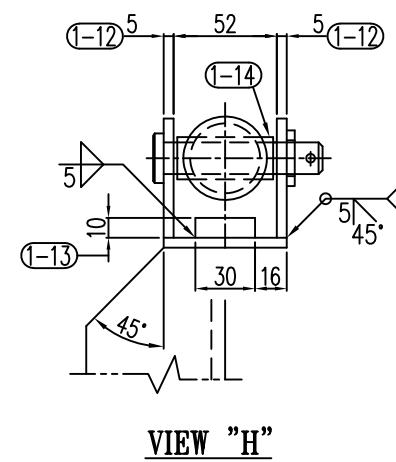
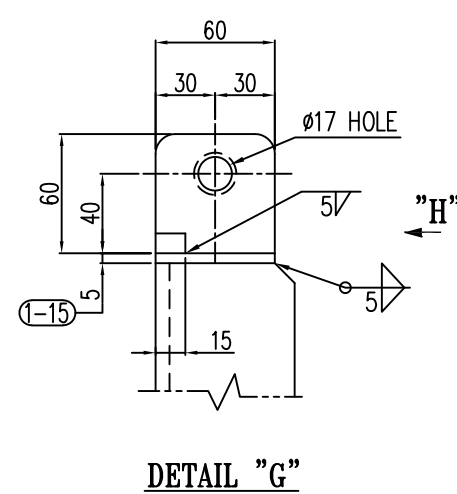
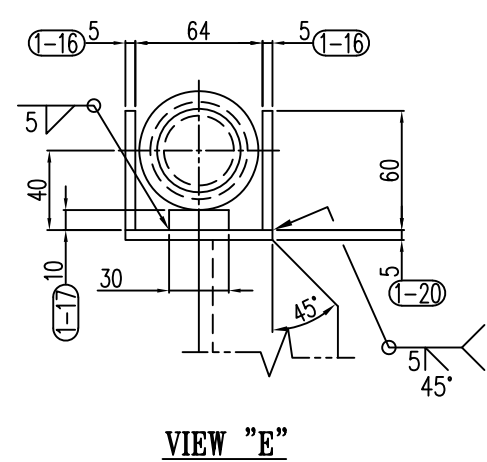
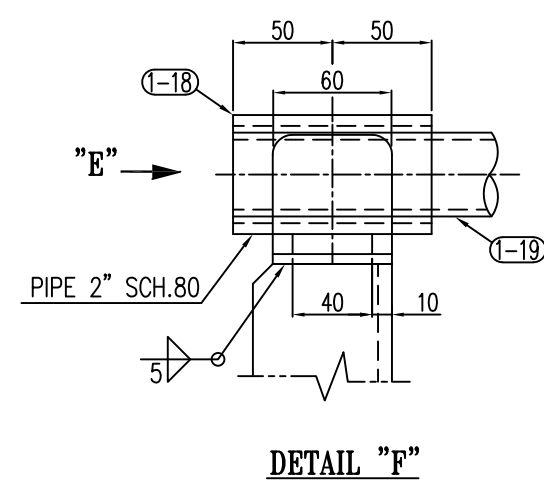
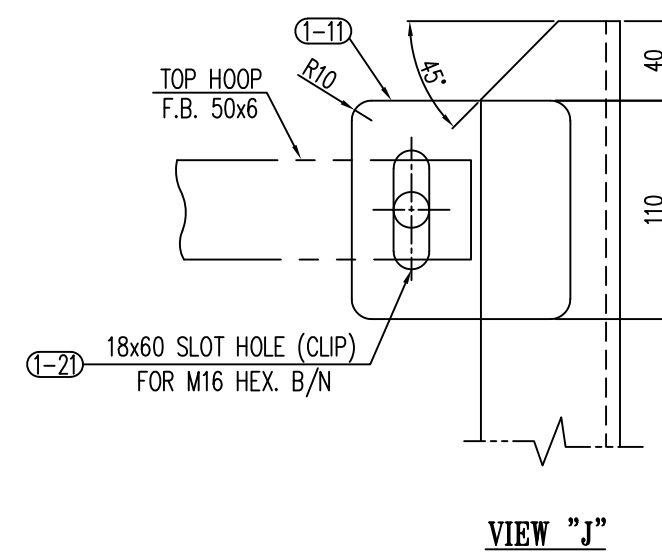
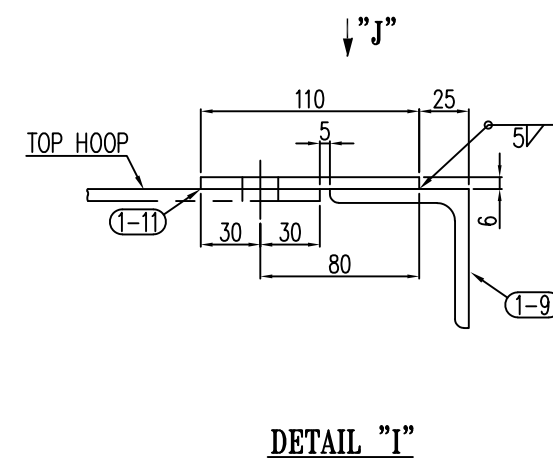
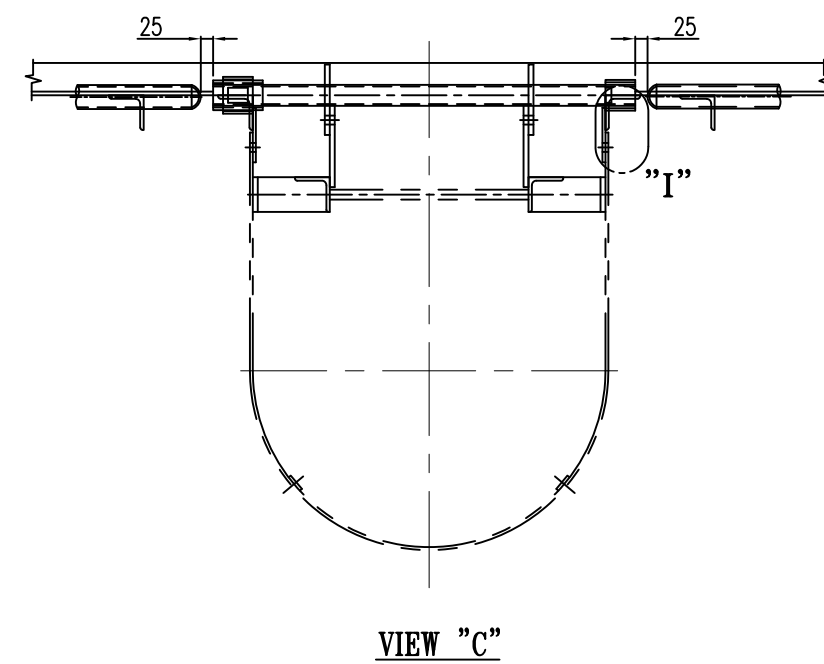
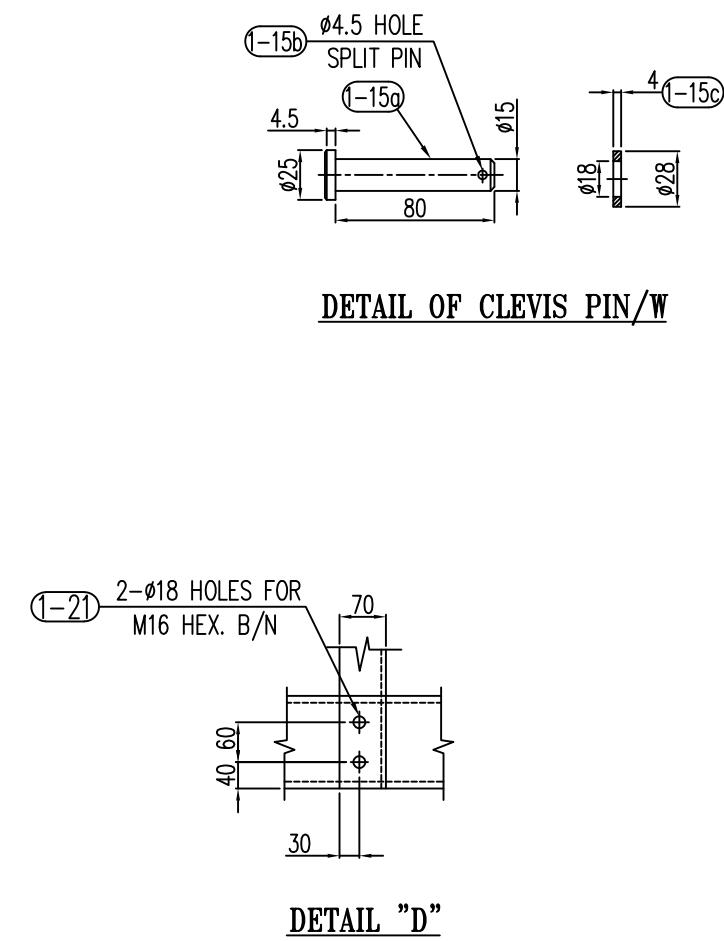
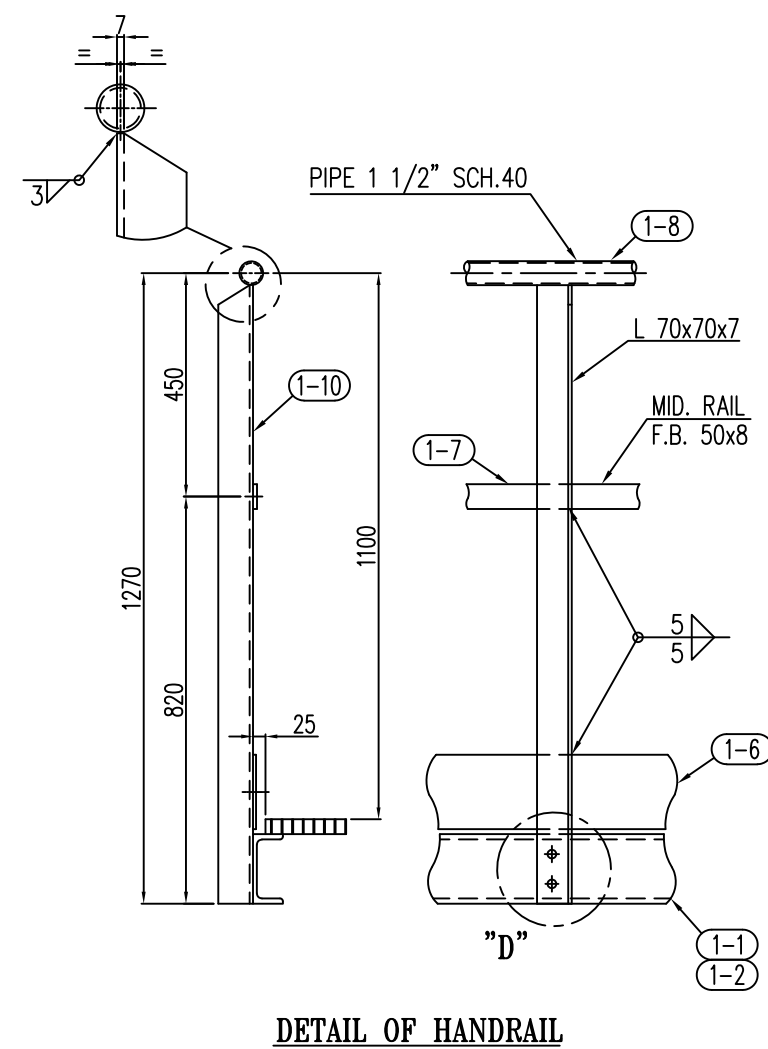
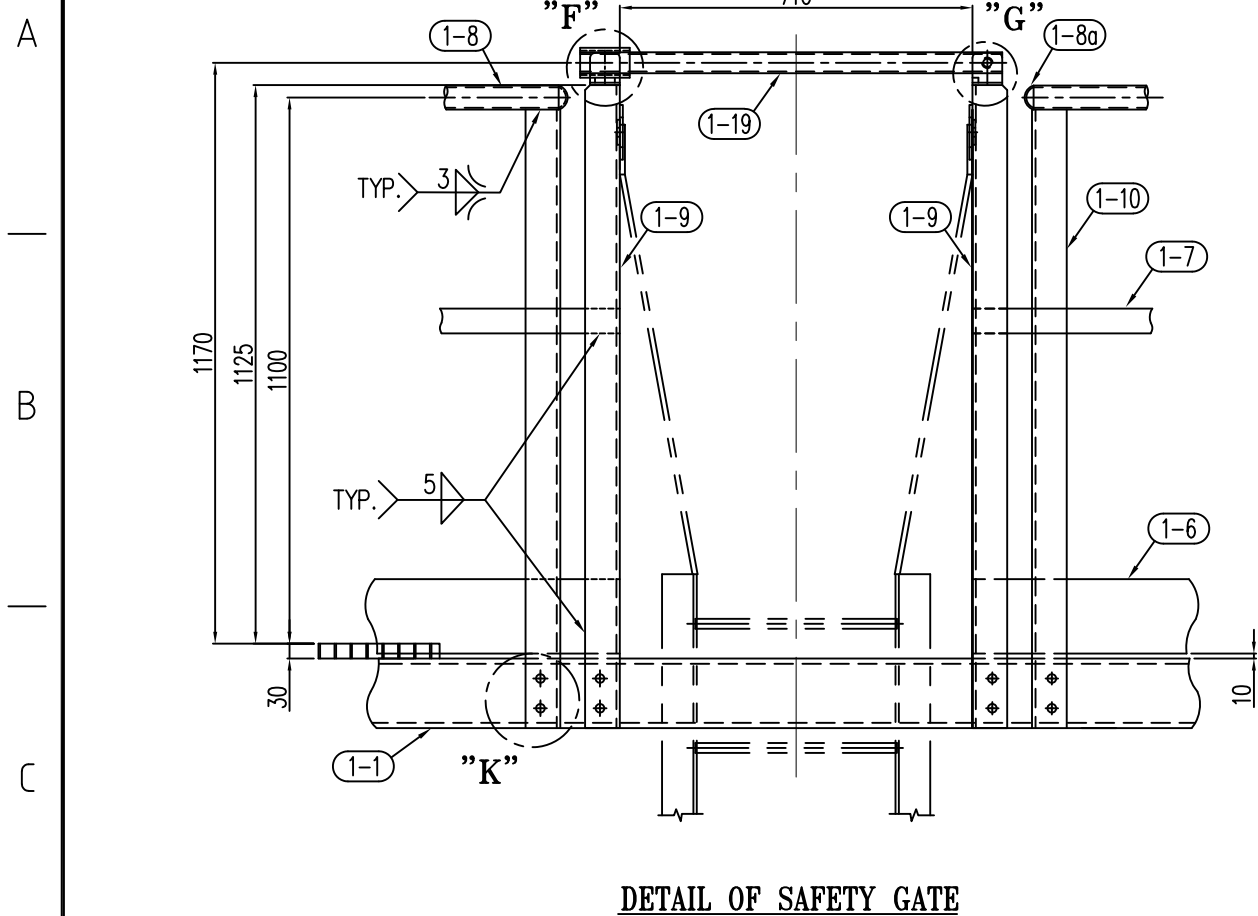
PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
PHASE1-MANIFOLD STATIONS & TRUNK LINES (NORTH SIDE)

FACILITIES: SURFACE PRODUCTION FACILITIES

DRAWING TITLE:
LADDER & PLATFORM DRAWING
FOR TEST SEPARATOR (SE-30815100)

SCALE		SIZE		CLASS		
1/30		A2		A		
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
DOCUMENT NUMBER :SA01-PV-FSFX-ME-DWVD-2707-03				VD-V090-0127-007		SHEET
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	
SA01-PV	FSFX	ME	DWVD	2707	03	
						3/4

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BILL OF MATERIALS

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

AS BUILT

03	18.Jul.2021	AS BUILT	s.shahbazi	M.pilevar	M.jafari	--
02	05.May.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
01	10.Mar.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	17.Feb.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
-------------	-------------------------------

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1/30		A2		A		
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PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	SHEET
SA01-PV	FSFX	ME	DWVD	2707	03	
						2/4