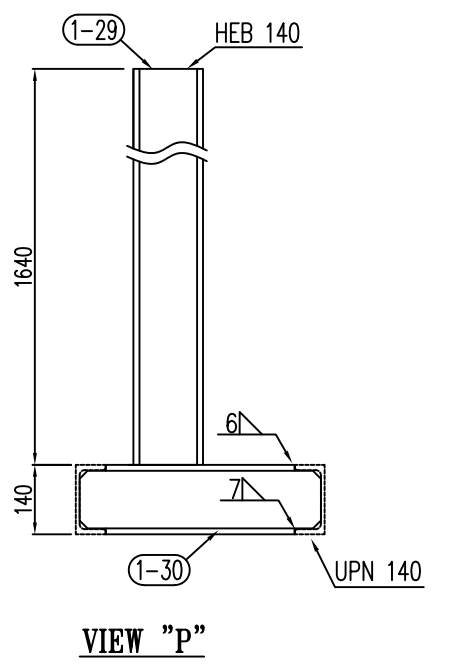
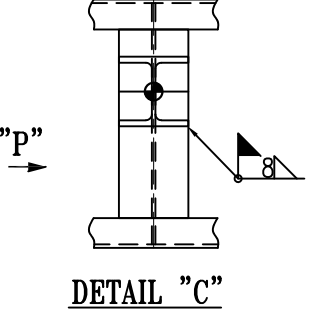
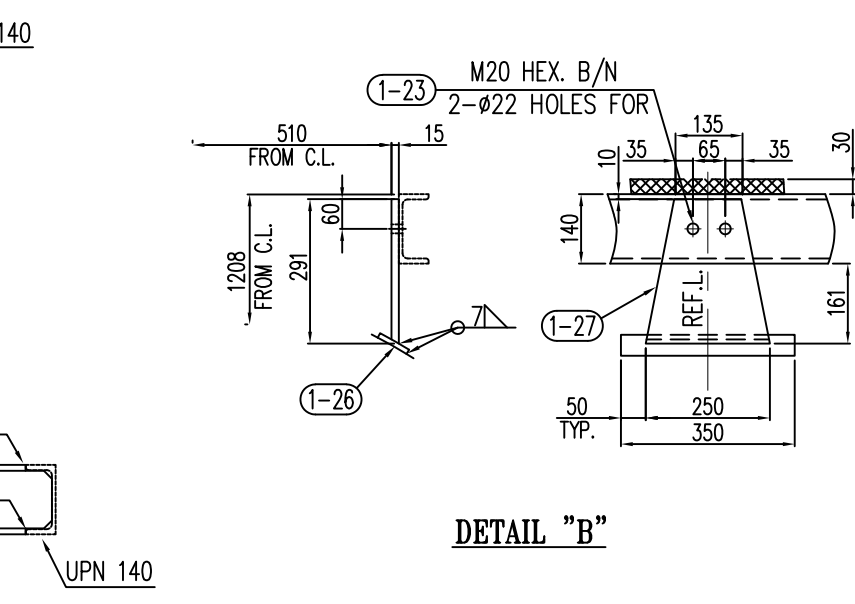
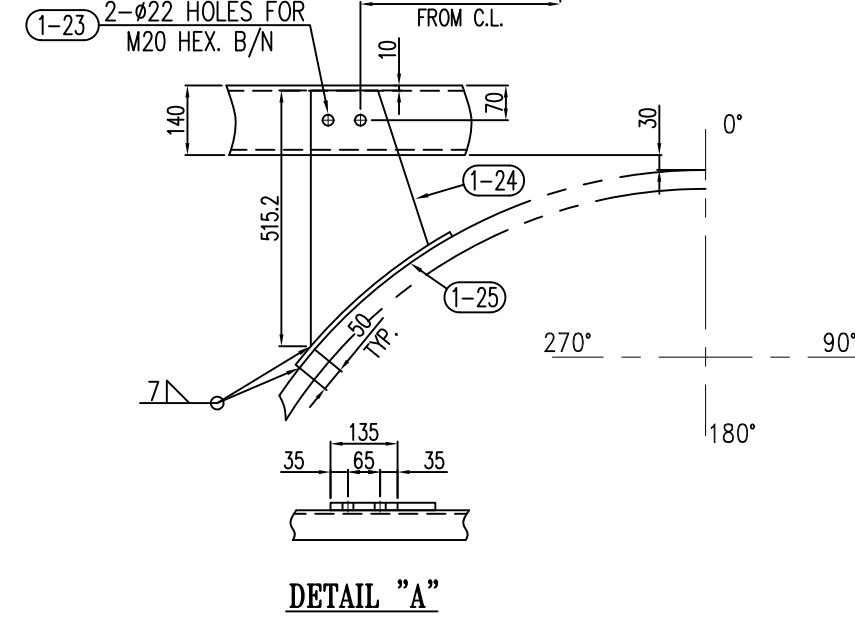
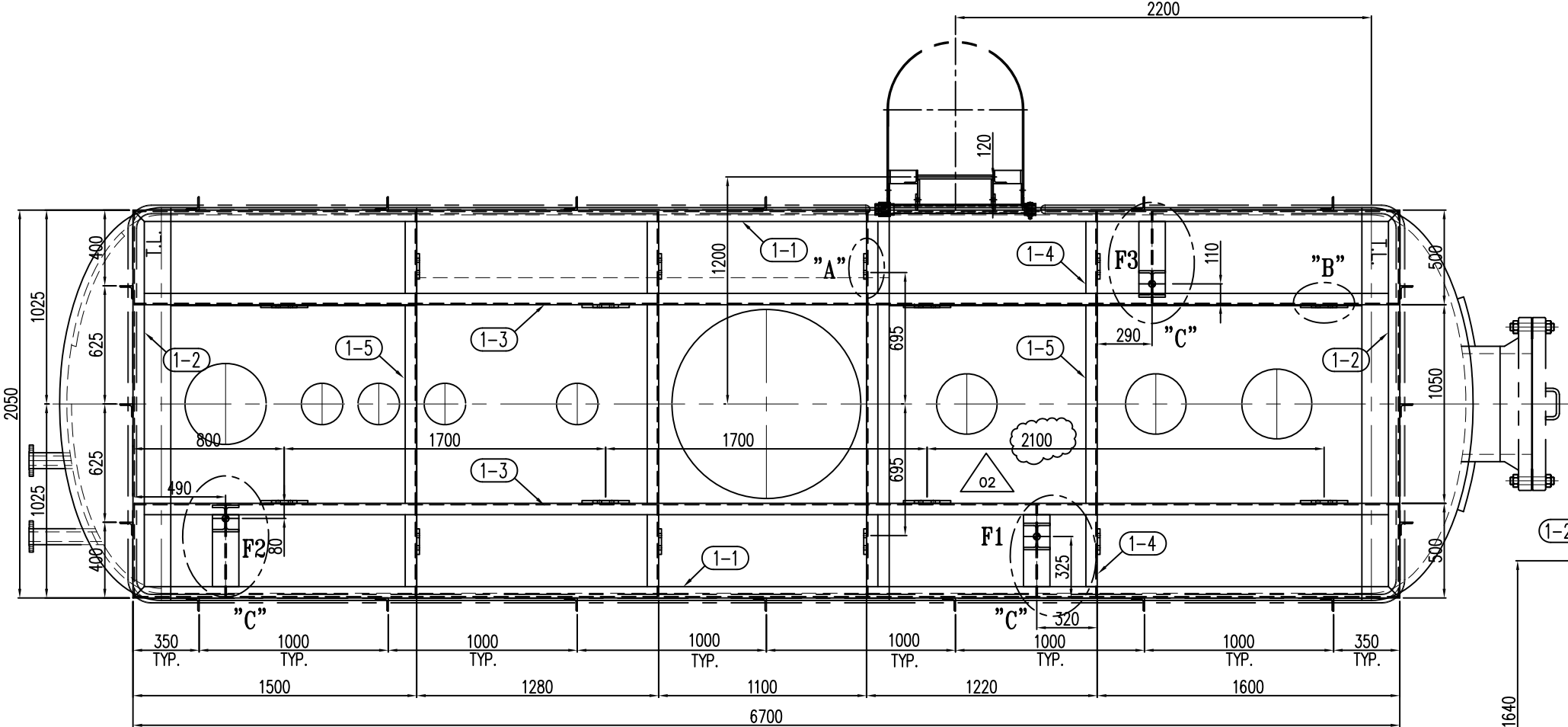
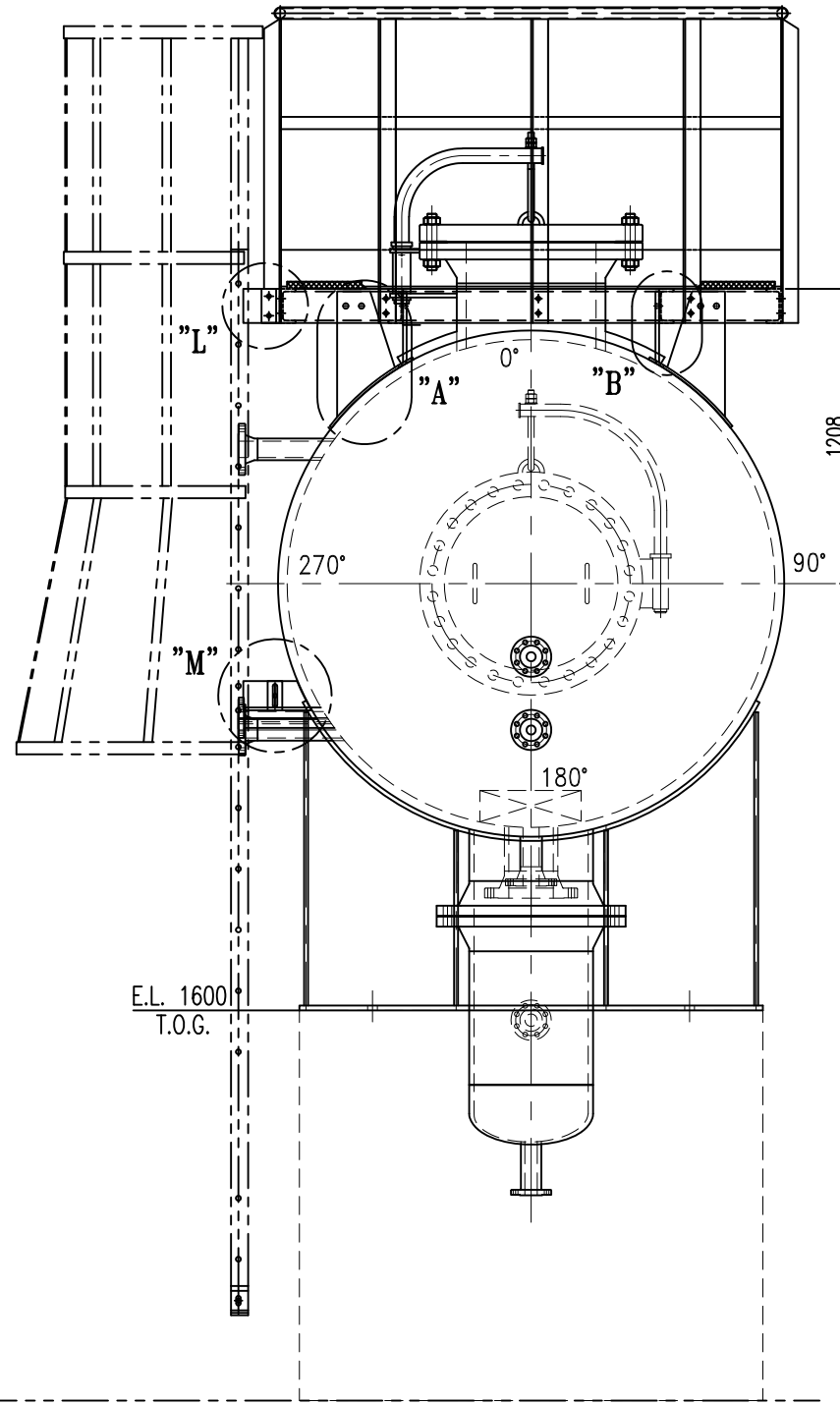
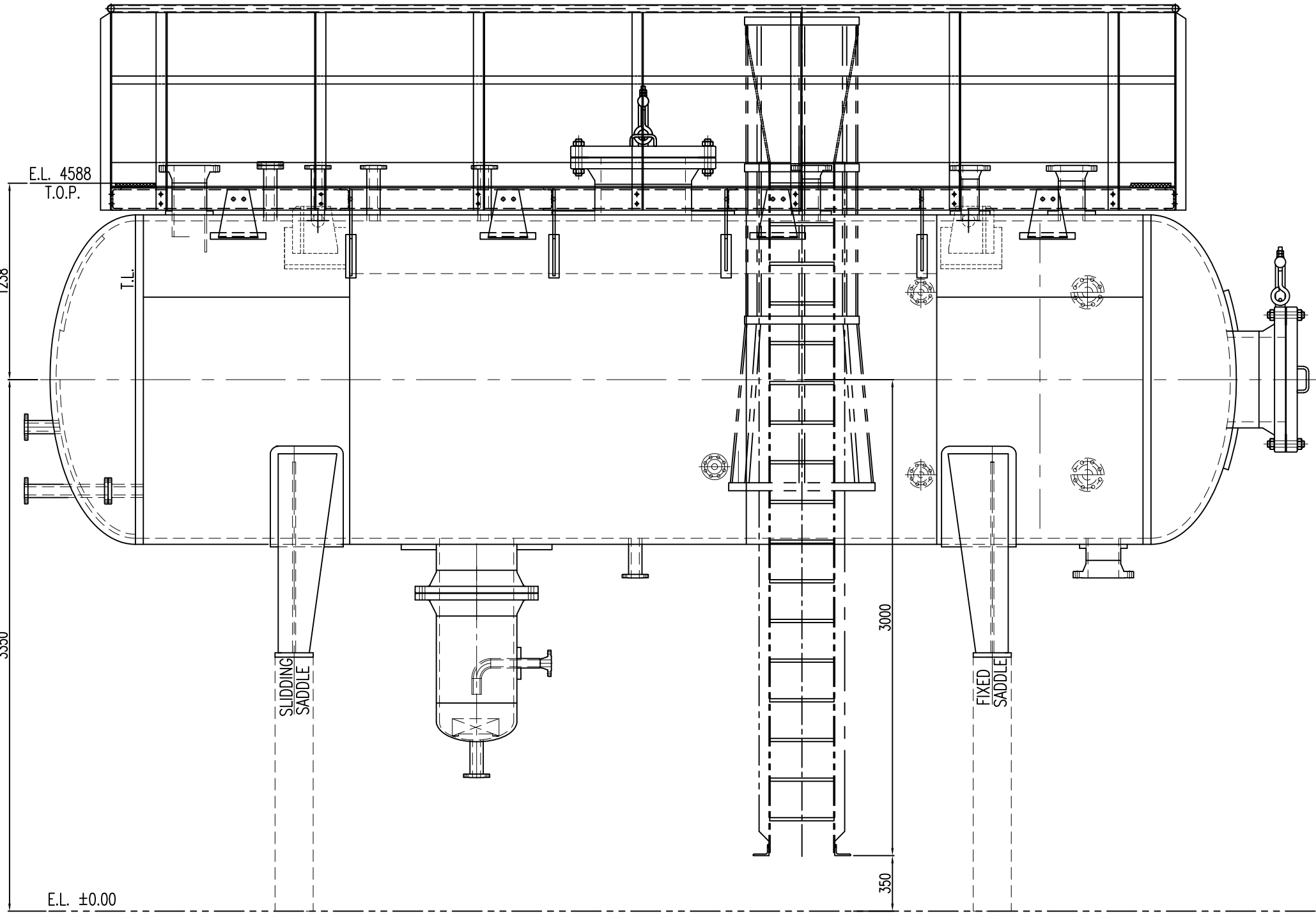




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BILL OF MATERIALS

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 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	44		---	---	A325-A563-F436	
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(515.2)	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(291)	8		8.2	65.6	ST 37	
1-28	PL. 10 X 120 X 179.3	2		1.7	3.4	ST 37	
1-29	HBE. 140-1640L	3		55.2	165.6	ST 37	
1-30	HBE. 140-486L	3		16.3	48.9	ST 37	

WEIGHT PER 1 SET : 1563.3 Kg
NUMBER OF SETS : 1
TOTAL WEIGHT : 1563.3 Kg

AS BUILT

02	19.Jan.2020	AS BUILT	s.shahbazi	M.pilevar	M.jafari	--
01	20.May.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	09.Jan.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--

MANAGEMENT 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 TEST SEPARATOR (SE-30315100)

SCALE		SIZE		CLASS		
1/30		A2		A		
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
DOCUMENT NUMBER : SA01-PV-FSFX-ME-DWVD-1907-02				VD-V090-0119-007		SHEET
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	
SA01-PV	FSFX	ME	DWVD	1907	02	1/4

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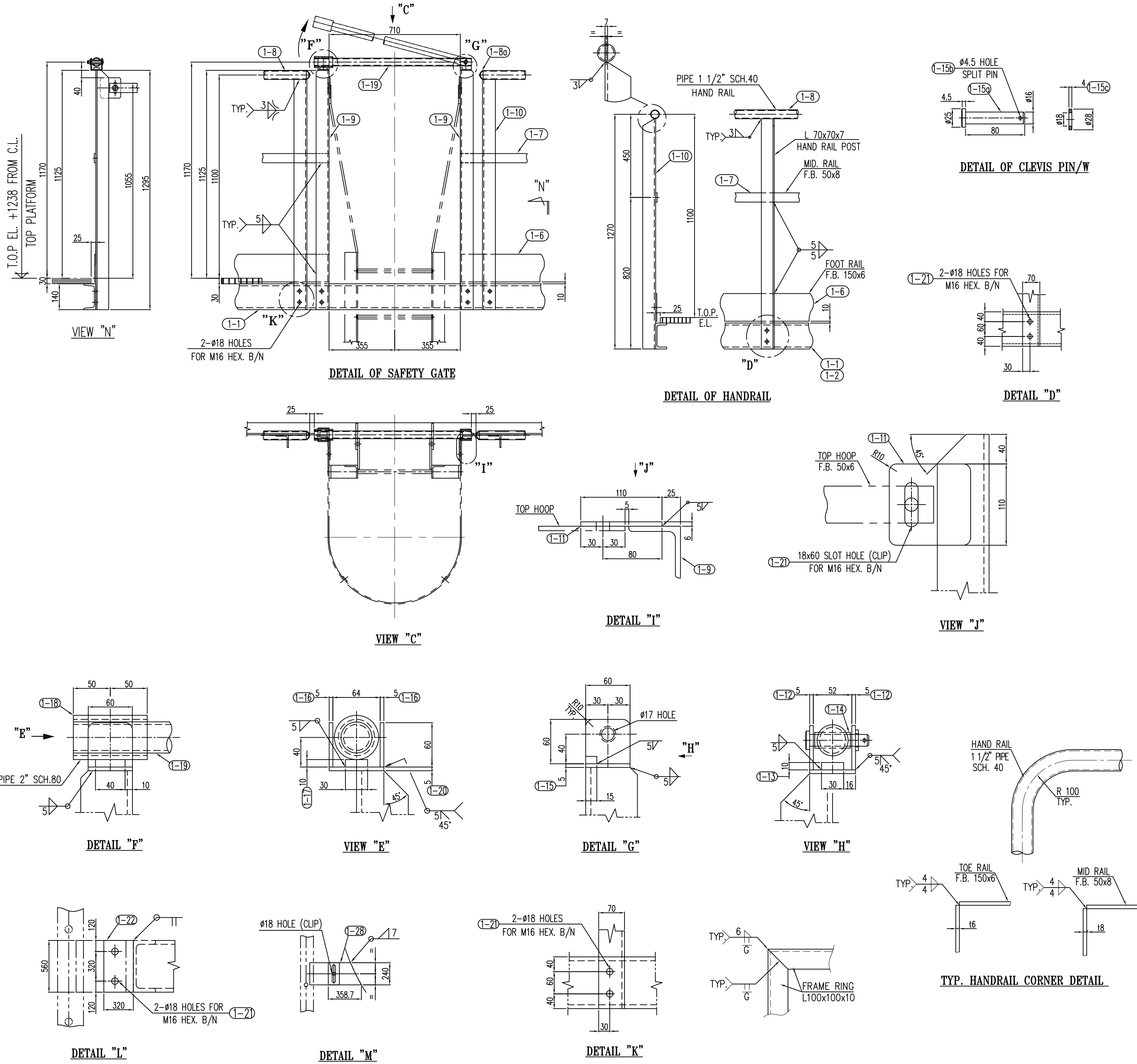
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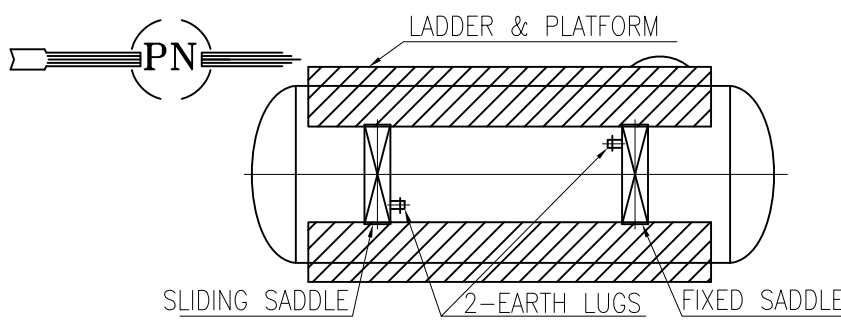
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BILL OF MATERIALS

NO.	PARTICULARS	RQD	WEIGHT (Kg)		MATERIAL	REMARK
		MAIN/SPA	UNIT	TOTAL		
AS BUILT						
NOTES						
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.						
2. ALL SHARP CORNERS & BURRS SHALL BE REMOVED BEFORE FINAL SURFACE COATING.						
3. ALL SURFACES SHALL BE COATED AS PRE PROJECT SPECIFICATION.						
4. BOLTS/NUTS/WASHER IN STRACTHERAL PART SHALL BE CONSIDERED AS FOLLOWS.						
BOLTS A325 ,NUTS A563 , WASHER F436						
KEY PLAN						
						

02	19.Jan.2020	AS BUILT	s.shahbazi	M.pilevar	M.jafari	--
01	20.May.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	09.Jan.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANAGEMENT CONTRACTOR:

CONTRACTOR:

CLIENT:

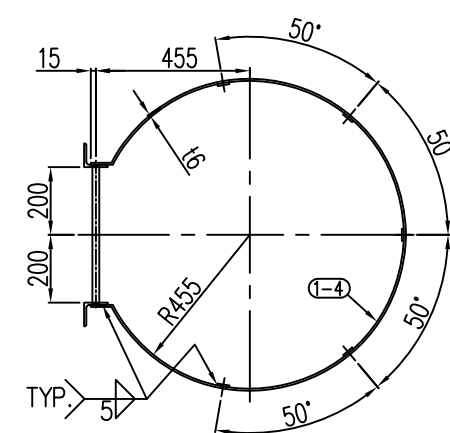
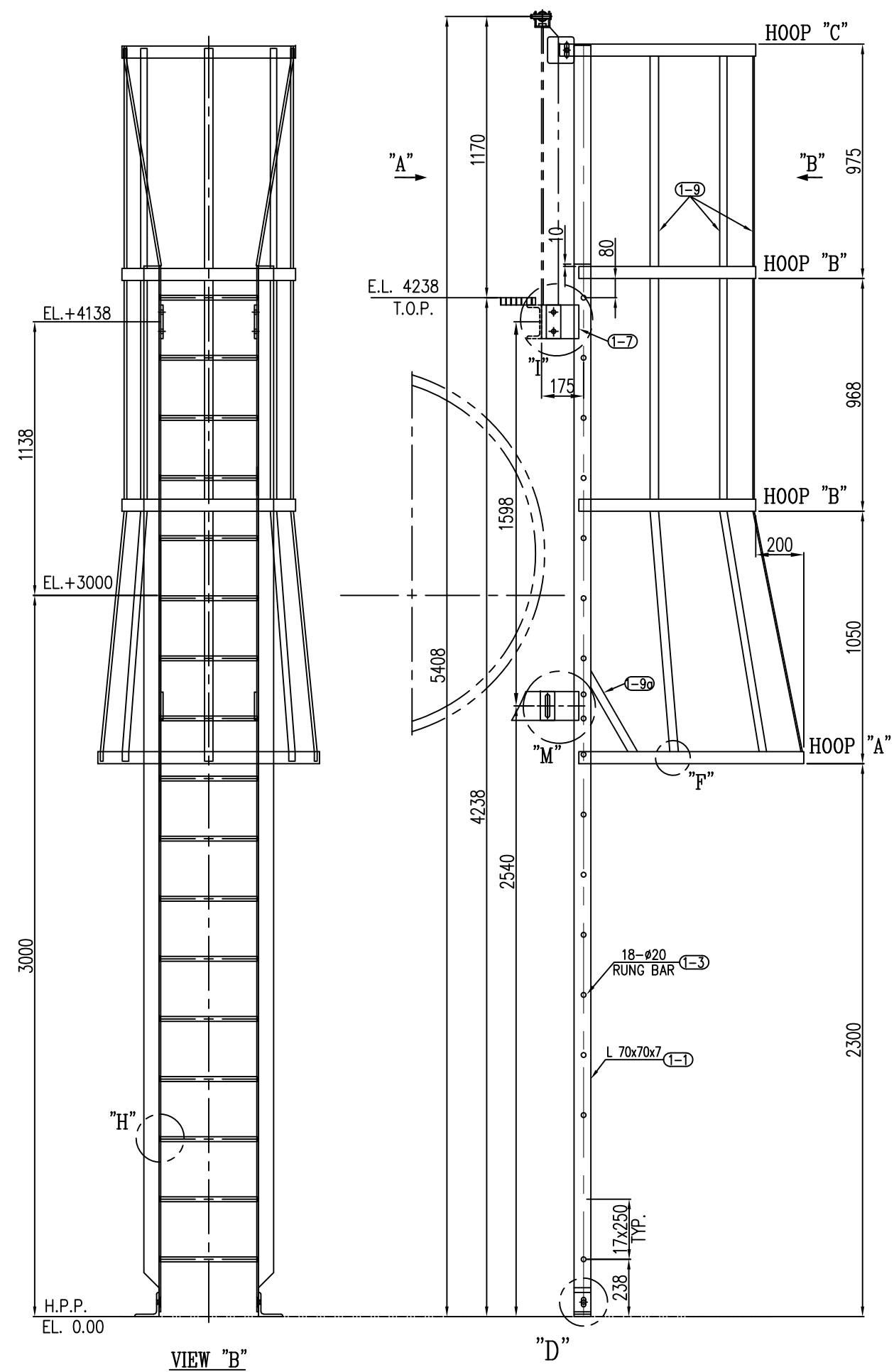
PROJECT TITLE:
SOUTH AZADEGAN OIL FIELD DEVELOPMENT PROJECT
PHASE1-MANIFOLD STATIONS & TRUNK LINES (NORTH SIDE)

FACILITIES:
SURFACE PRODUCTION FACILITIES

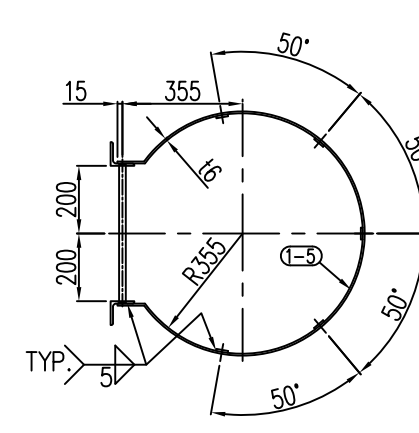
DRAWING TITLE:
**LADDER & PLATFORM DRAWING
FOR TEST SEPARATOR (SE-30315100)**

SCALE		SIZE		CLASS		
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
DOCUMENT NUMBER : SA01-PV-FSFX-ME-DWVD-1907-02				VD-V090-0119-007		SHEET
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	
SA01-PV	FSFX	ME	DWVD	1907	02	
						2/4

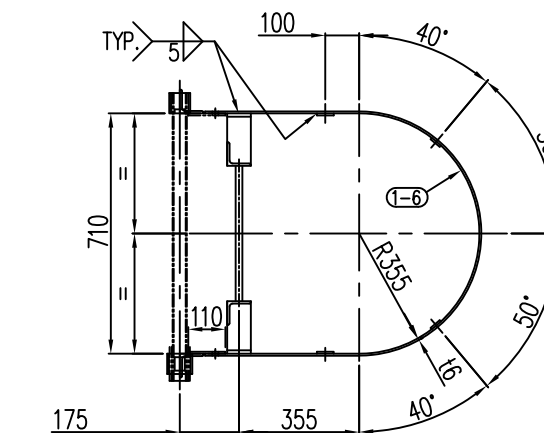
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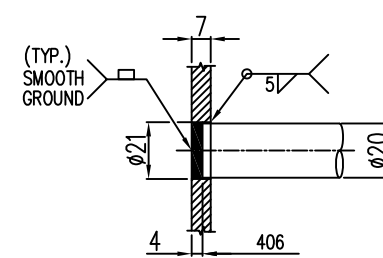
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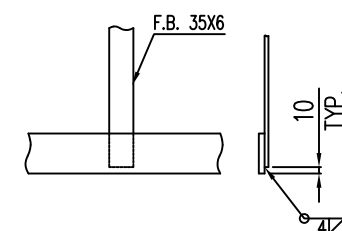
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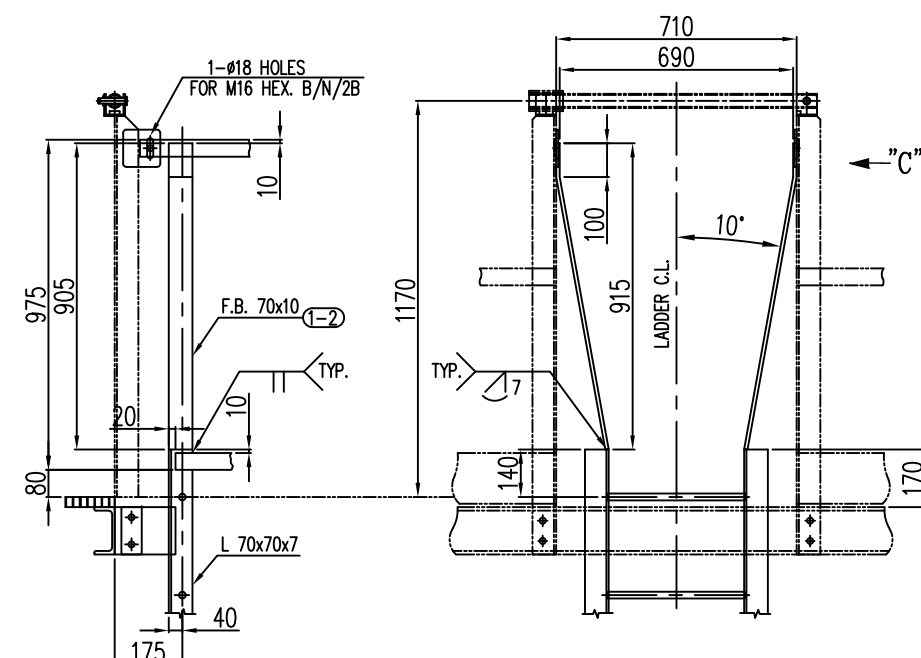
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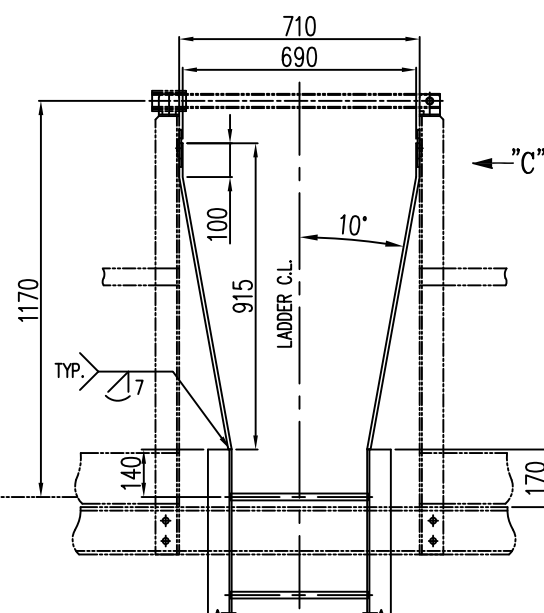
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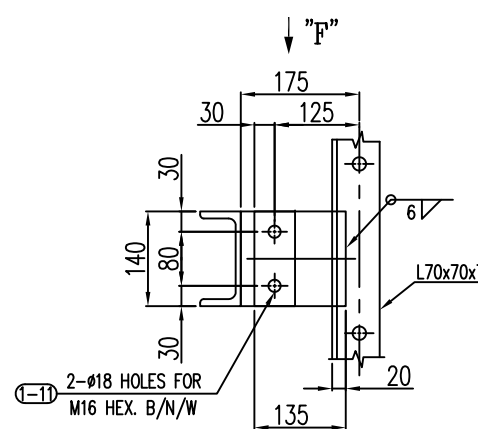
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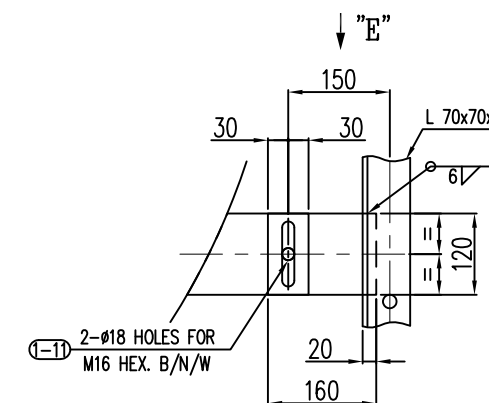
VIEW "C"



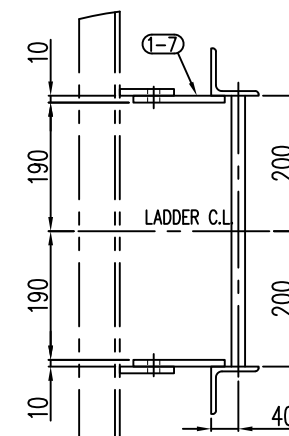
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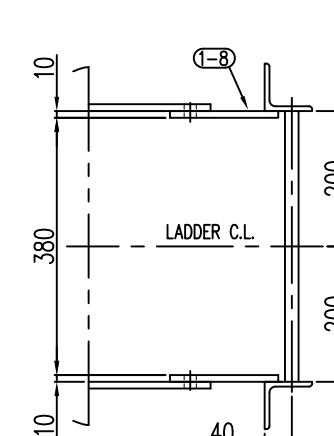
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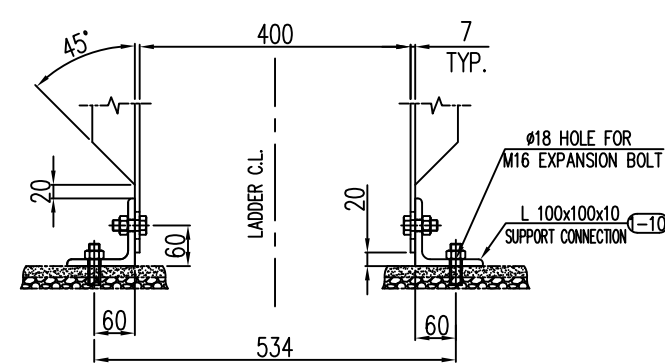
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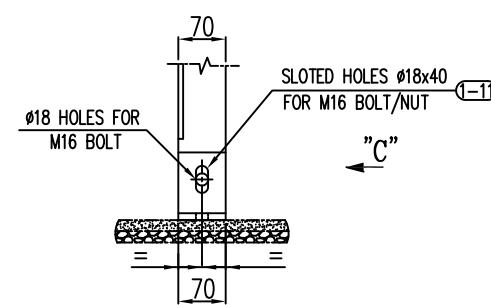
VIEW "F"



VIEW "E"



VIEW "C"



DETAIL "D"

BILL OF MATERIALS

NO.	PARTICULARS	RQD	WEIGHT (Kg)		MATERIAL	REMARK	
		MAIN	SPL	UNIT			TOTAL
1-1	L 70 X 70 X 7 X L= 4350	2		44	88	ST 37	
1-2	F.B. 70 X 10 X L= 917	2		5	10	ST 37	
1-3	R.B. #20 X L=406	17		0.8	13.6	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=2175	1		5	5	ST 37	
1-7	PL. 10 X 135 X 140	2		1.5	3	ST 37	
1-8	PL. 10 X 160 X 120	2		1.5	3	ST 37	
1-9	F.B. 35 X 6 - 2983L	5		5	25	ST 37	
1-9a	F.B. 35 X 6 - 475L	2		0.8	1.6	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 :	198.6	Kg
NUMBER OF SETS :	1	
TOTAL WEIGHT :	198.6	Kg

AS BUILT

02	19.Jan.2020	AS BUILT	s.shahbazi	M.pilevar	M.jafari	--
01	20.May.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
00	09.Jan.2019	Issued for Approval	s.shahbazi	M.pilevar	M.jafari	--
Rev.	Date	Status	Prep.	Chk.	App.	R.S.

MANAGEMENT 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 TEST SEPARATOR (SE-30315100)

SCALE		SIZE		CLASS		
1/30		A2		A		
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
DOCUMENT NUMBER : SA01-PV-FSFX-ME-DWVD-1907-02				VD-V090-0119-007		SHEET
PROJECT/SUB PRO.	SCOPE	DISCIPLINE CODE	DOCUMENT CODE	SEQUENCE No.	REVISION	
SA01—PV	FSFX	ME	DWVD	1907	02	4/4

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