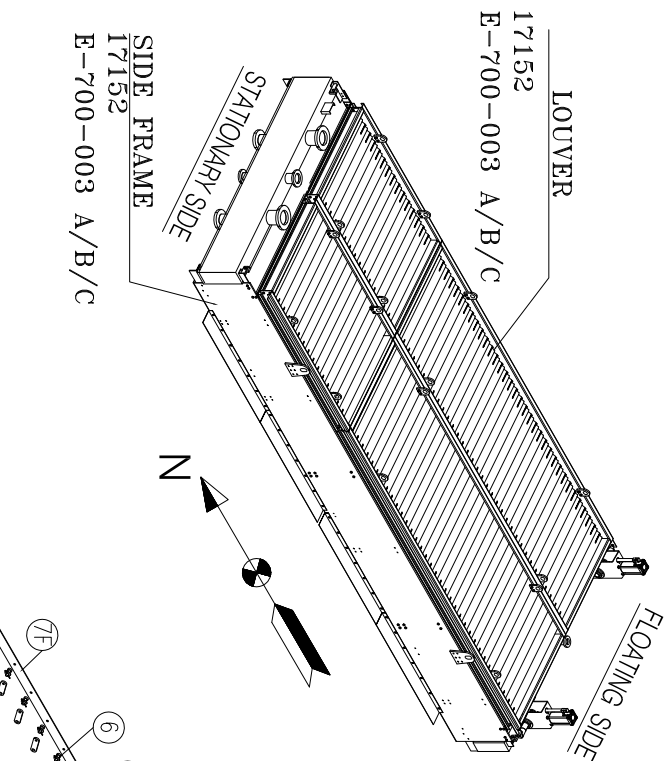


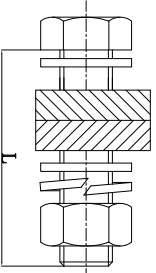
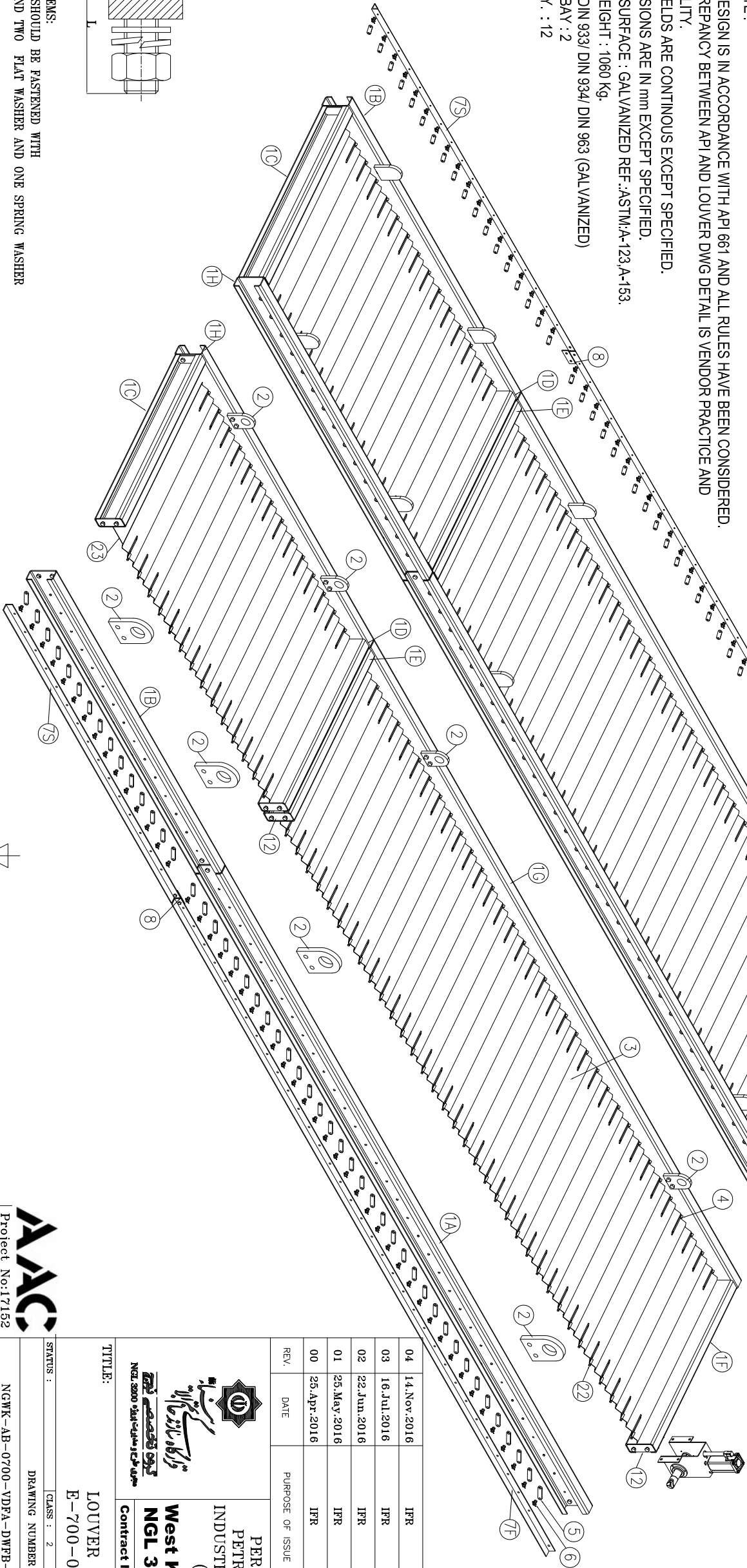
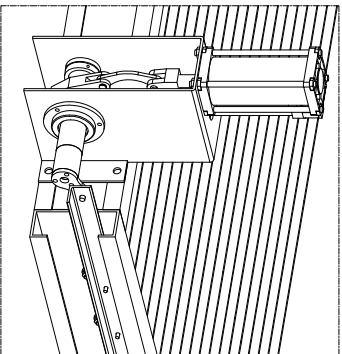
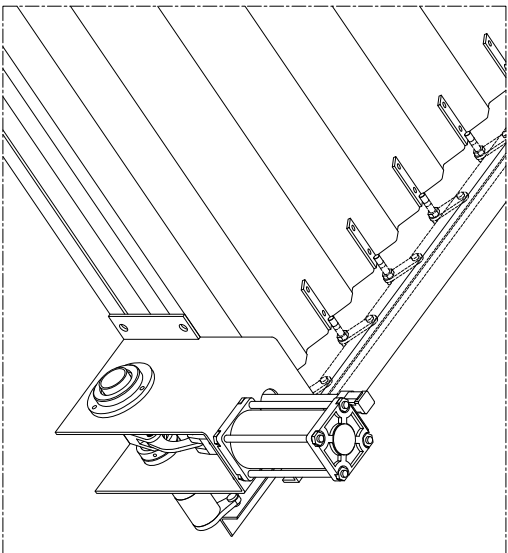
NO.	DESCRIPTION	SIZE	MAT.	QTY.	WEIGHT	T.WEIGHT
1A	LOUVER FRAME	6x392x553	SA-37	1+ MIRROR	108	216
1B	LOUVER FRAME	6x392x1973	SA-37	1+ MIRROR	39	78
1C	LOUVER FRAME	6x392x1185	SA-37	2	23.5	47
1D	LOUVER FRAME	6x392x1185	SA-37	2	23.5	47
1E	LOUVER FRAME	6x392x1185	SA-37	2	23.5	47
1F	LOUVER FRAME	6x392x1185	SA-37	2	23.5	47
1G	LOUVER FRAME	6x392x553	SA-37	1+ MIRROR	108	216
1H	LOUVER FRAME	6x392x1973	SA-37	1+ MIRROR	39	78
2	LIFTING	15x120x170	SA-37	16	0.5	8
3	BLADE	2.3x202x1179	SA-37	84	1.2	100.8
4	FREE LEVER	SEE DETAIL	SA-37	84	0.2	16.8
5	ARM	6x25x65	SA-37	84	0.12	10.1
6	PN & WASHER	Ø14, 27L	SA-37	84	0.005	0.42
7F	ANGLE	L50x50x5x5698L	SA-37	1+ MIRROR	21	42
7S	ANGLE	L50x50x5x1747L	SA-37	1+ MIRROR	6.5	13
8	PLATE	6x50x120	SA-37	2	0.25	0.5
9	PN & WASHER	Ø20, 36L	SA-37	2	0.2	0.4
10	TRANSMITER	10x60x102	SA-37	2	0.3	0.6
11	SHAFT	Ø60x380 L	SA-37	2	4	8
12	PLATE	6x68x188	SA-37	16	0.6	9.6
13	CAP	Ø140x25 L	Aluminum	4	0.5	2
14	BUSH	Ø66x38 L	Teflon	4	0.75	3
15	HOLDER	Ø79x16 L	Aluminum	4	0.25	1
16	ACTUATOR BOX	6x280x1070	SA-37	2	10	20
17	PLATE	6x60x200	SA-37	4	0.5	2
18	SHAFT JOINT	30x86x146	SA-37	2	3	6
19	PN	Ø15x45 L	SA-37	4	0.05	0.2
20	JOINT	8x48x152	SA-37	2	0.4	0.8
21	ACTUATOR JOINT	73x40x40	SA-37	2	0.9	1.8
22	LEVER	SEE DETAIL	SA-37	84	0.2	16.8
23	AIR SEAL	3x163x2534	SA-37	2	10	20

GENERAL NOTE :

- 1- LOUVER DESIGN IS IN ACCORDANCE WITH API 661 AND ALL RULES HAVE BEEN CONSIDERED.
- 2- ANY DISCREPANCY BETWEEN API AND LOUVER DWG DETAIL IS VENDOR PRACTICE AND RESPONSIBILITY.
- 3- ALL THE WELDS ARE CONTINOUS EXCEPT SPECIFIED.
- 4- ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED.
- 5- FINISHING SURFACE : GALVANIZED REF.:ASTM-A-123,A-153.
- 6- LOUVER WEIGHT : 1060 Kg.
- 7- BOLTING : DIN 933/ DIN 934/ DIN 963 (GALVANIZED)
- 8- QTY. PER BAY : 2
- 9- TOTAL QTY. : 12





NUM	SIZE	QTY	STANDARD	REMARK
B01	HEX. B/N/2W/SW M16x50	32	DIN933/934/126	---
B02	HEX. B/N/2W/SW M16x40	32	DIN933/934/126	---
B03	HEX. B M6x20	12	DIN963	---
B04	HEX. B M10x30	12	DIN963	---
B05	HEX. N/2W M12	168	934/126	---
B06	HEX. B/N/2W/SW M12x40	72	DIN933/934/126	---

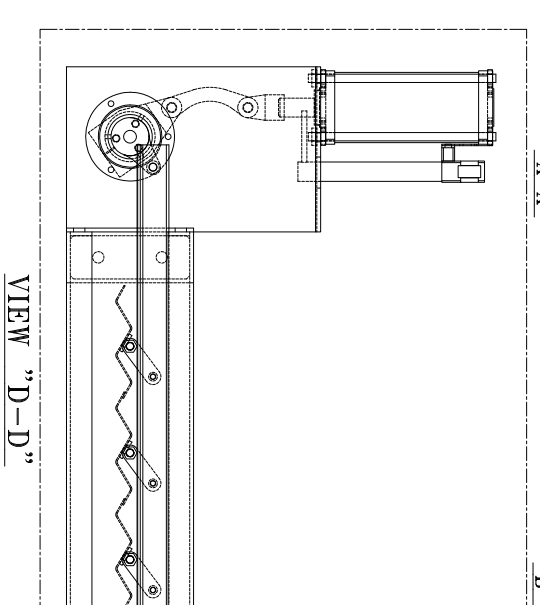
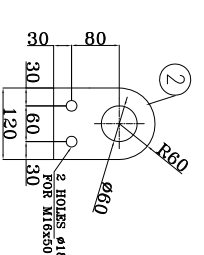
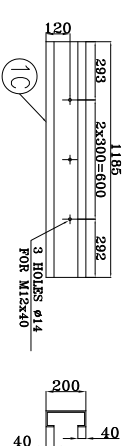
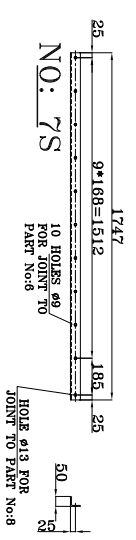
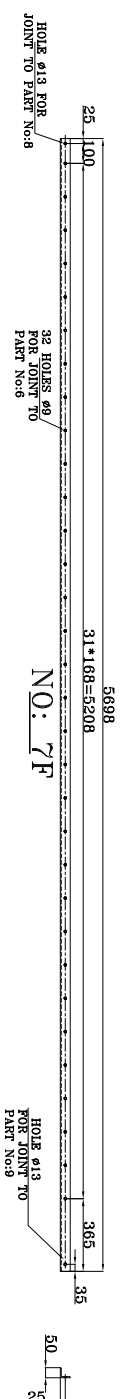
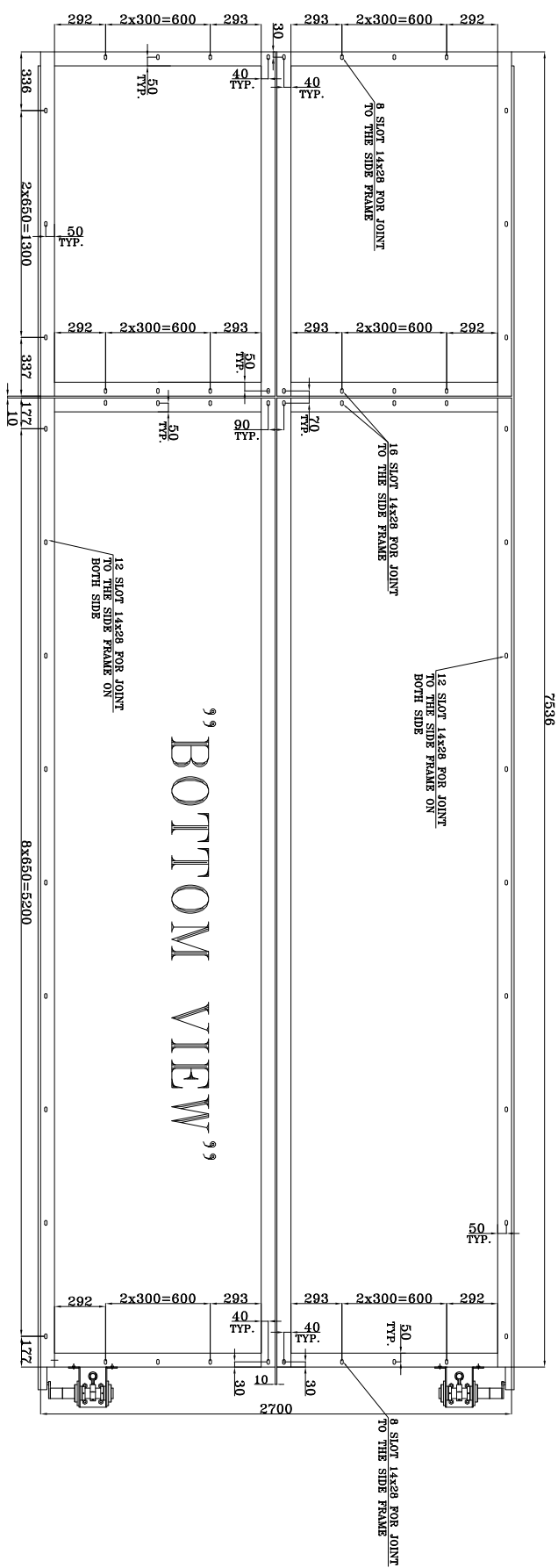
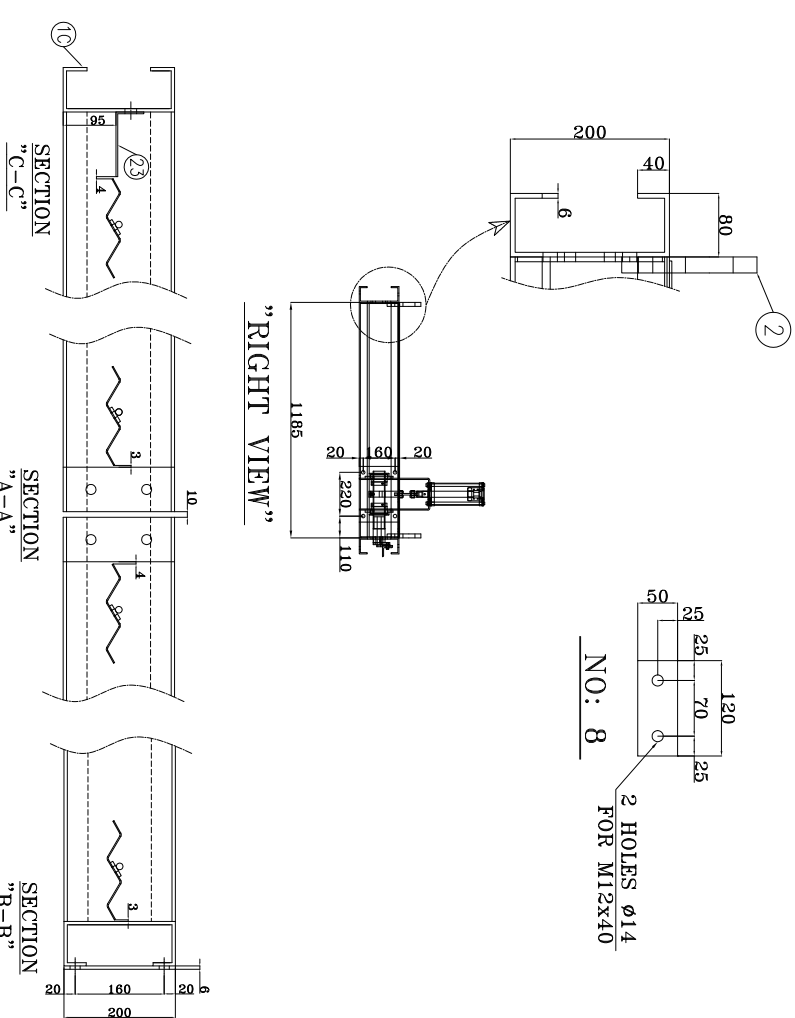
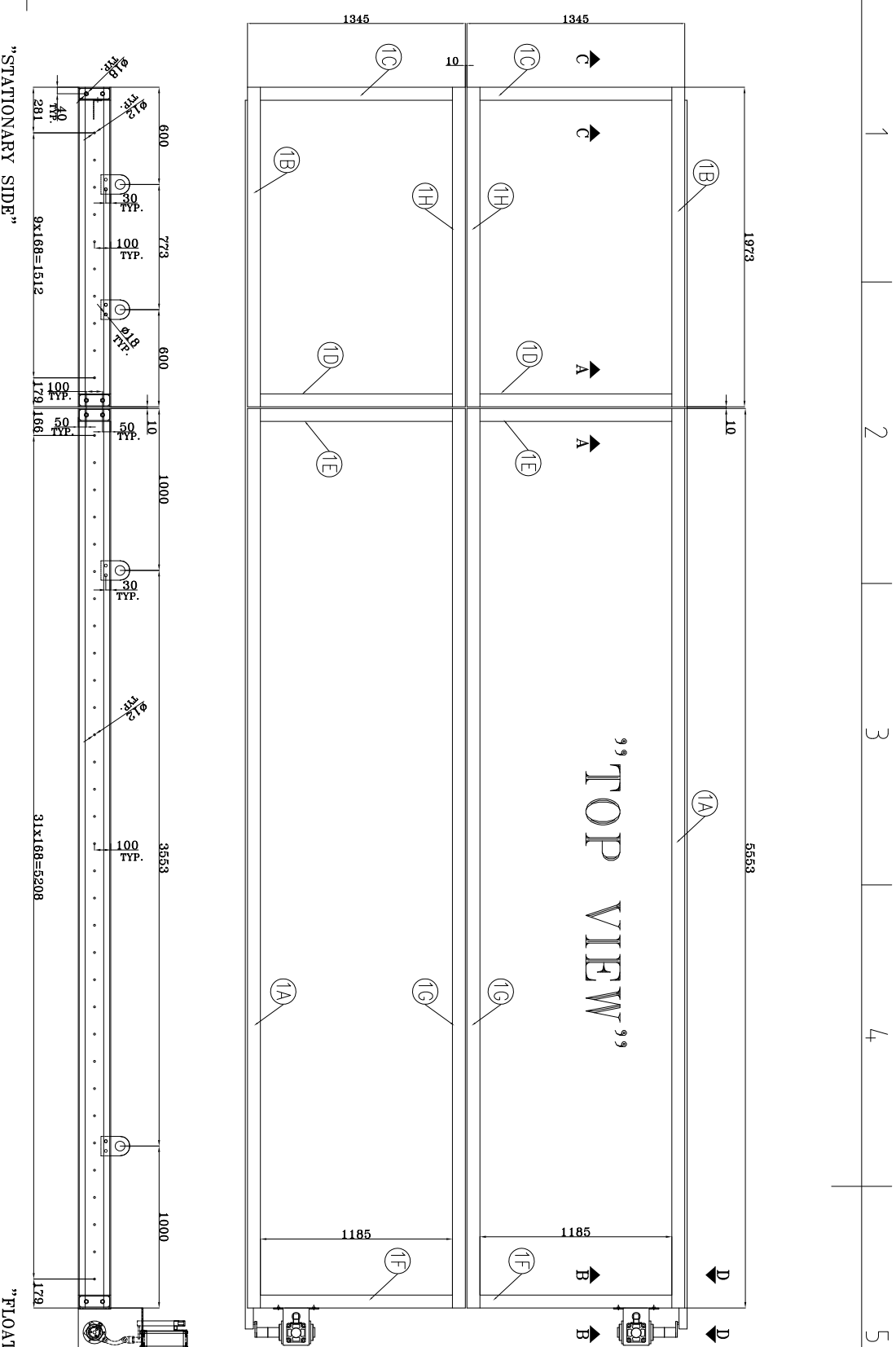


NOTE:  
FOR ALL ITEMS:  
ALL BOLTS SHOULD BE FASTENED WITH  
ONE NUT AND TWO FLAT WASHER AND ONE SPRING WASHER



REFERENCE DRAWINGS

TITLE	DWG. No.
BUNDLE	NGWK-AB-0700- VDF-A - DWRB-0012
GENERAL ARRANGEMENT	NGWK-AB-0700- VDF-A - DWRB-0032
STEEL STRUCTURE	NGWK-AB-0700- VDF-A - DWRB-0047
SIDE FRAME DETAIL	NGWK-AB-0700- VDF-A - DWRB-0037

04	14.Nov.2016	IPR	I.Ramezani	M.Rostami	B.Shahbargi	M.A.
03	16.Jul.2016	IPR	A.Shahpour	M.Rostami	B.Shahbargi	M.A.
02	22.Jun.2016	IPR	A.Shahpour	M.Rostami	B.Shahbargi	M.A.
01	25.May.2016	IPR	A.Shahpour	M.Rostami	B.Shahbargi	M.A.
00	25.Apr.2016	IPR	A.Shahpour	M.Rostami	B.Shahbargi	M.A.
REV.	DATE	PURPOSE OF ISSUE	PREPARED	CHECKED	APPROVED	PURCHASERS APPROVAL
CLIENT:			VENDOR			
PERSIAN GULF PETROCHEMICAL INDUSTRIES COMPANY (PGPIC) <b>West Karoun Area NGL 3200 Project</b> Contract No.: ۰۰۰۰۰۰۰۰ - 91 - 754			 			
TITLE: LOUVER DRAWING E-700-003 A/B/C						
STATUS :		CLASS : 2	SCALE : NTS		SIZE : A3	REV.
DRAWING NUMBER		NGWK-AB-0700- VDF-A - DWRB-0042		04	1 of 3	



04	14.Nov.2016	IFR	I.Ramezani	M.Rostami	B.Shakhsbeigi	M.A.
03	16.Jul.2016	IFR	A.Shahrpour	M.Rostami	B.Shakhsbeigi	M.A.
02	22.Jun.2016	IFR	A.Shahrpour	M.Rostami	B.Shakhsbeigi	M.A.
01	25.May.2016	IFR	A.Shahrpour	M.Rostami	B.Shakhsbeigi	M.A.
00	25.Apr.2016	IFR	A.Shahrpour	M.Rostami	B.Shakhsbeigi	M.A.
REV.	DATE	PURPOSE OF ISSUE	PREPARED	CHECKED	APPROVED	PURCHASER'S APPROVAL

 <p><b>PERSIAN GULF PETROCHEMICAL INDUSTRIES COMPANY</b> (PGPIC)</p>	<p><b>West Karoun Area NGL 3200 Project</b></p>
 <p><b>West Karoun Area NGL 3200 Project</b></p>	<p><b>West Karoun Area NGL 3200 Project</b></p>

TITLE: LOUVER DRAWING  
E-700-003 A/B/C

STATUS :	CLASS : 2	SCALE :	NTS	SIZE :	A3
DRAWING NUMBER					
NGWK-AB-0700-VDFA-DWFB-0042				REV.	04
				SHEET	2 of 3

