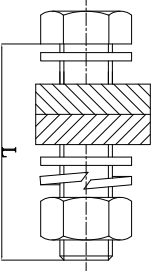


NO.	DESCRIPTION	SIZE	MAT.	QTY.	WEIGHT	T.WEIGHT
1A	LOUVER FRAME	6x392x6677	SA-37	1+ MIRROR	105	210
1B	LOUVER FRAME	6x392x1837	SA-37	1+ MIRROR	34	68
1C	LOUVER FRAME	6x392x1155	SA-37	2	21	42
1D	LOUVER FRAME	6x392x1155	SA-37	2	21	42
1E	LOUVER FRAME	6x392x1155	SA-37	2	21	42
1F	LOUVER FRAME	6x392x1155	SA-37	2	23.5	47
1G	LOUVER FRAME	6x392x6677	SA-37	1+ MIRROR	105	210
1H	LOUVER FRAME	6x392x1837	SA-37	1+ MIRROR	34	68
2	LIFTING	15x120x170	SA-37	16	0.5	8
3	BLADE	2,3x202x1149	SA-37	82	1.2	98.4
4	FREE LEVER	SEE DETAIL	SA-37	82	0.2	16.4
5	ARM	6x25x65	SA-37	82	0.12	9.8
6	PN & WASHER	Ø14, 27L	SA-37	82	0.005	0.41
7F	ANGLE	L50x50x5x6898L	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	6x260x1070	SA-37	2	10	20
17	PLATE	6x60x200	SA-37	4	0.5	2
18	SHAFT JOINT	30x68x146	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	82	0.2	16.4
23	AIR SEAL	3x193x1149	SA-37	2	5	10
24	AIR SEAL	3x188x1149	SA-37	2	4.5	9

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 CONTINUOUS 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

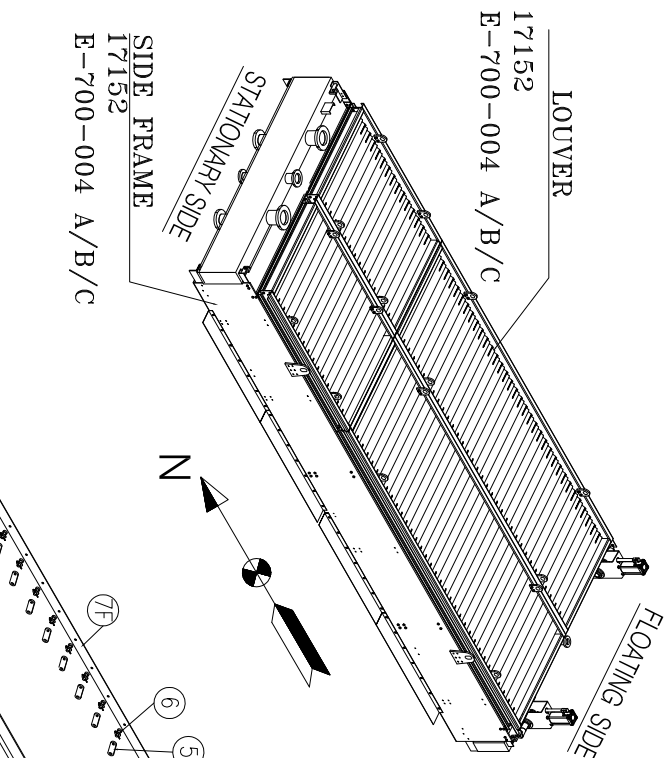


NOTE:

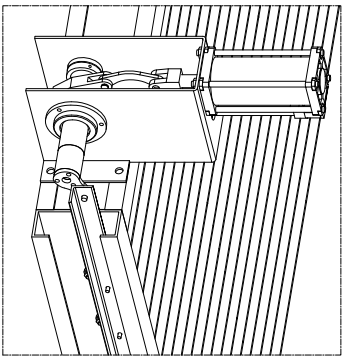
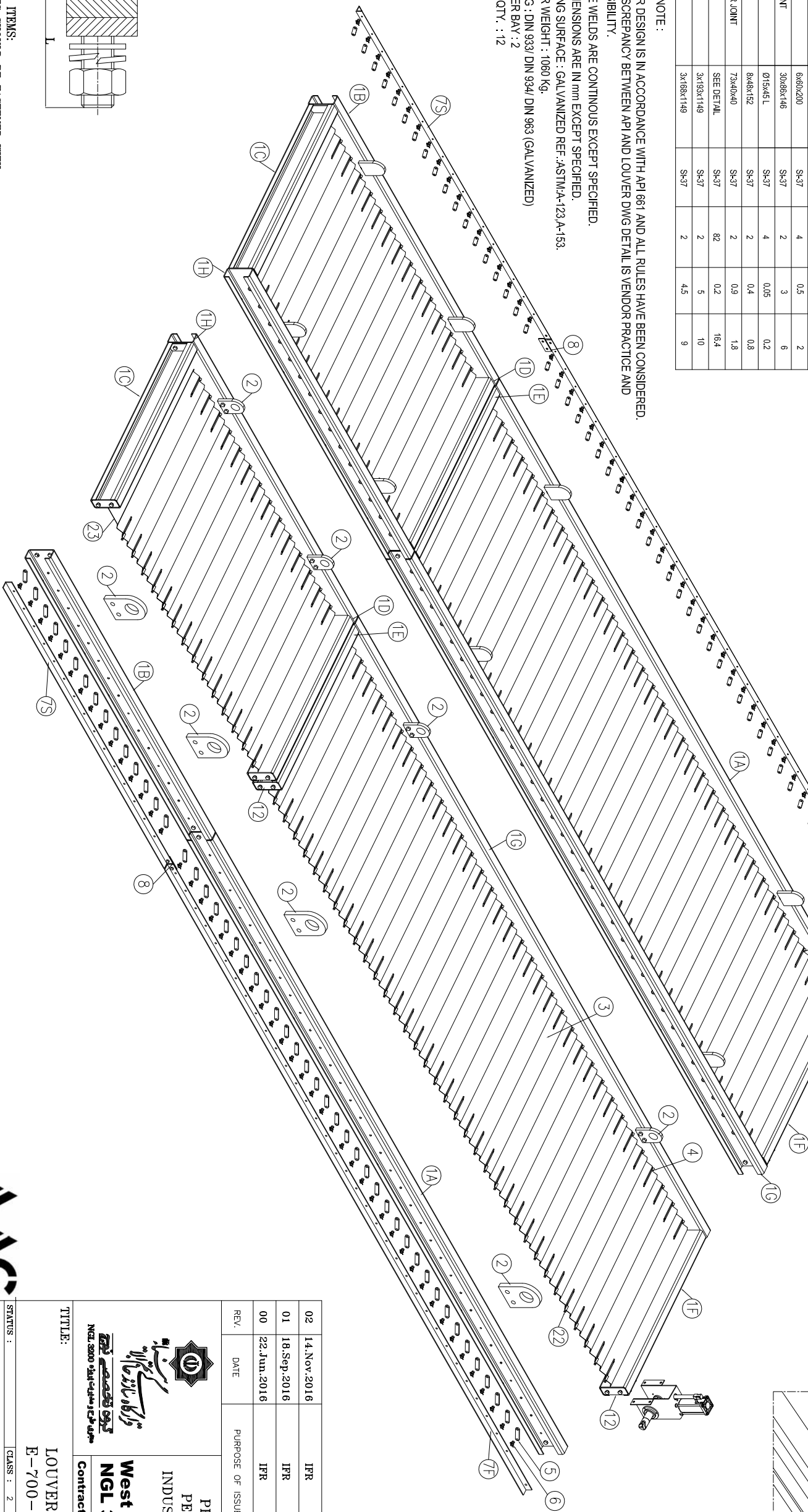
FOR ALL ITEMS:
ALL BOLTS SHOULD BE FASTENED WITH
ONE NUT AND TWO FLAT WASHER AND ONE SPRING WASHER

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	---

REFERENCE DRAWINGS	
TITLE	DWG. No.
BUNDLE	NGWK-AB-0700-VDFA-DWRB-0013
GENERAL ARRANGEMENT	NGWK-AB-0700-VDFA-DWRB-0033
STEEL STRUCTURE	NGWK-AB-0700-VDFA-DWRB-0048
SIDE FRAME DETAIL	NGWK-AB-0700-VDFA-DWRB-0038



SIDE FRAME
17152
E-700-004 A/B/C

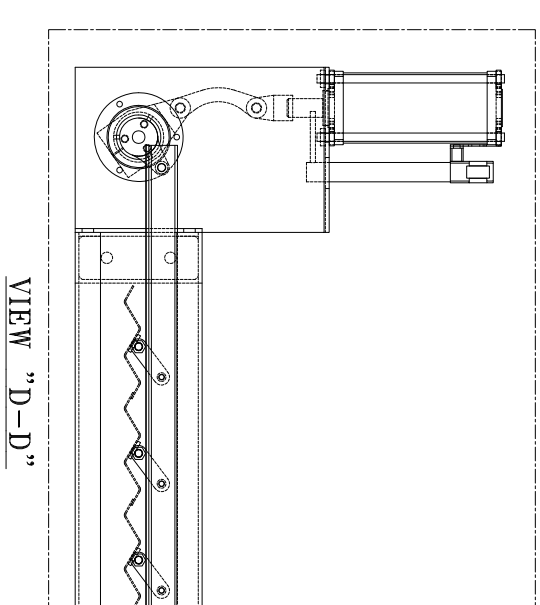
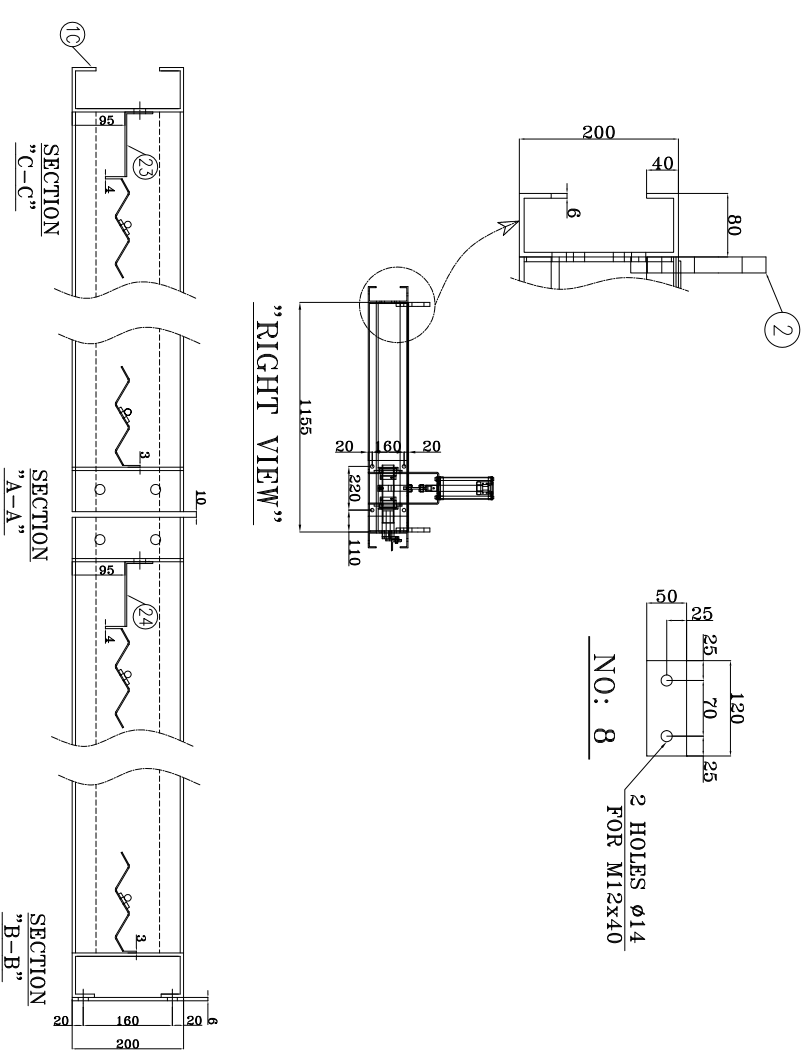
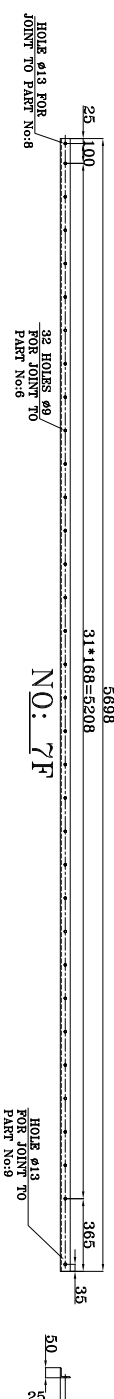
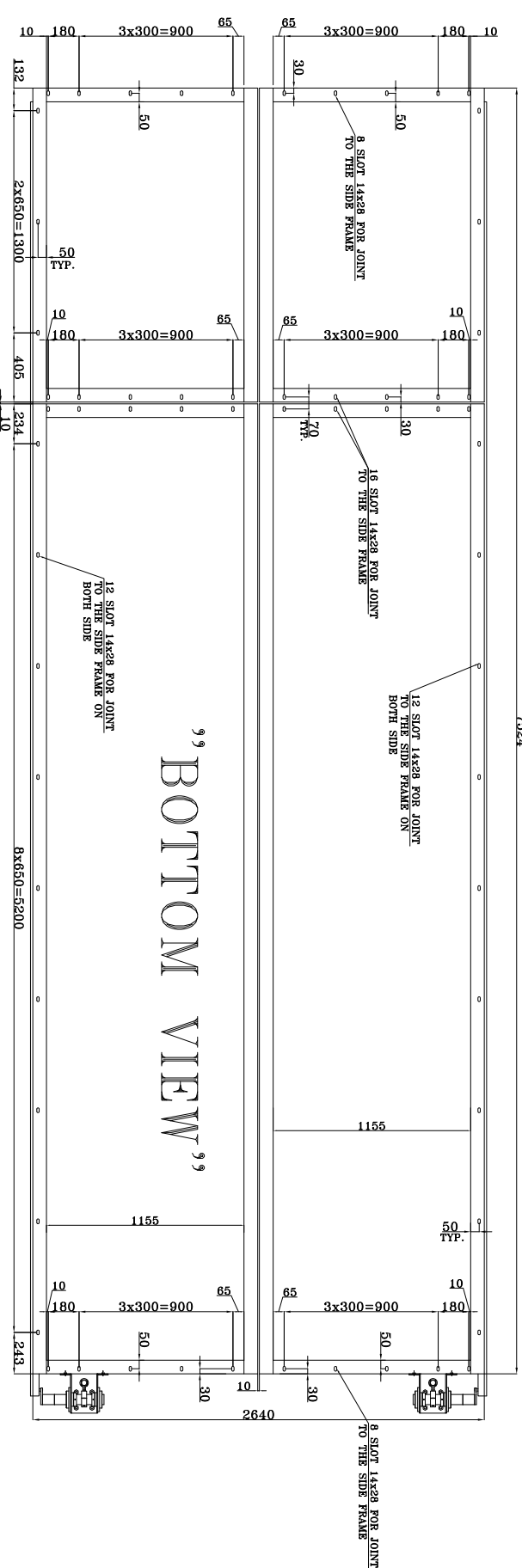
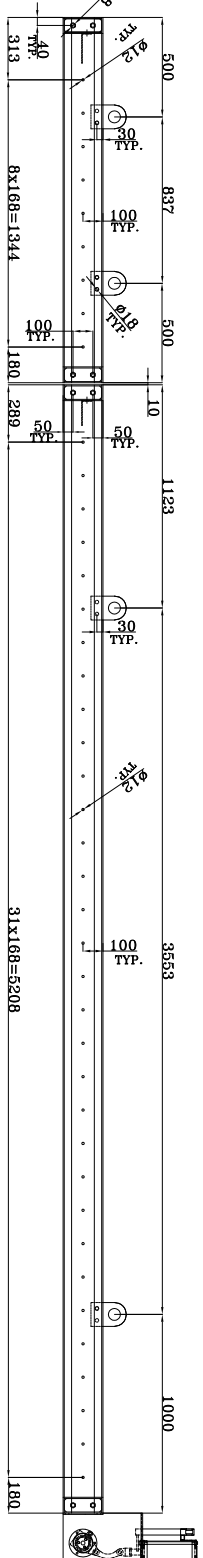
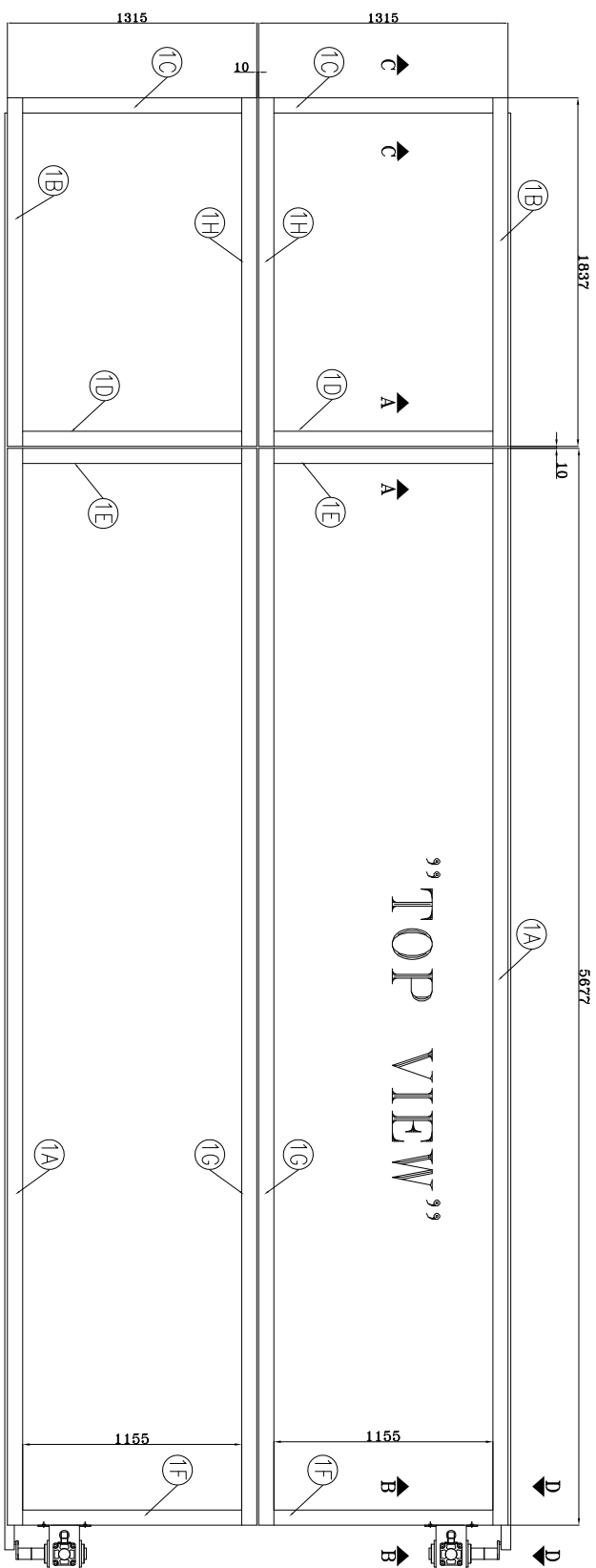


02	14.Nov.2016	IPR	L.Ramessani	M.Ramessani	B.Shahbakh	M.A.
01	18.Sep.2016	IPR	A.Aderbia	M.Ramessani	B.Shahbakh	M.A.
00	22.Jun.2016	IPR	A.Aderbia	M.Ramessani	B.Shahbakh	M.A.
REV.	DATE	PURPOSE OF ISSUE	PREPARED	CHECKED	APPROVED	PURCHASERS APPROVAL
VENDOR			CLIENT:			

PERSIAN GULF
PETROCHEMICAL
INDUSTRIES COMPANY
(PGPIC)
West Karoun Area
NGL 3200 Project
Contract No.: ٩١٠٩١ - ٩١ - 754

TITLE: LOUVER DRAWING E-700-004 A/B/C			
STATUS :	CLASS : 2	SCALE : NTS	SIZE : A3
DRAWING NUMBER	NGWK-AB-0700-VDFA-DWRB-0043	REV.	02
SHEET		1 of 3	

Project No:17152



02	14.Nov.2016	IFR	L.Ramcantal	M.Roetami	B.Snehbheegi	M.A.
01	18.Sep.2016	IFR	A.Afernina	M.Roetami	B.Snehbheegi	M.A.
00	22.Jun.2016	IFR	A.Afernina	M.Roetami	B.Snehbheegi	M.A.
REV.	DATE	PURPOSE OF ISSUE	PREPARED	CHECKED	APPROVED	PURCHASER'S APPROVAL
				VENDOR		

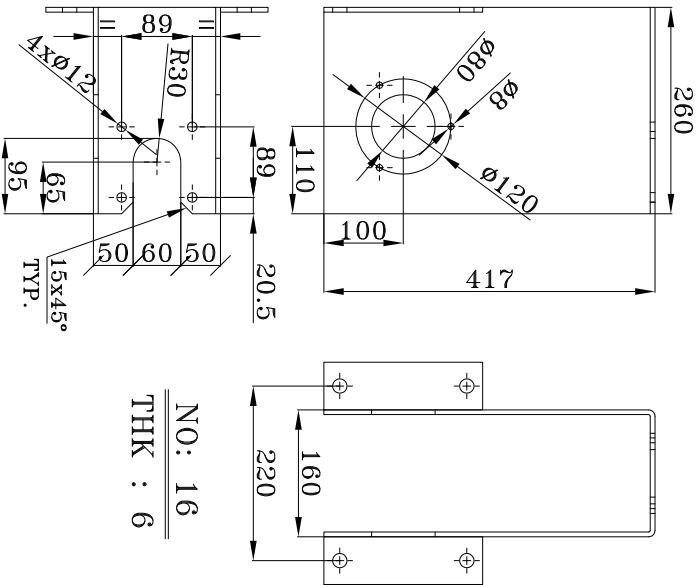
**PERSIAN GULF
PETROCHEMICAL
INDUSTRIES COMPANY**
(PGPIC)

**West Karoun Area
NGL 3200 Project**

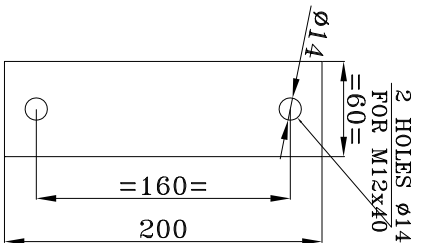
Contract No.: ۹۱ - 754

FILE.
LOUVER DRAWING
E-700-004 A/B/C

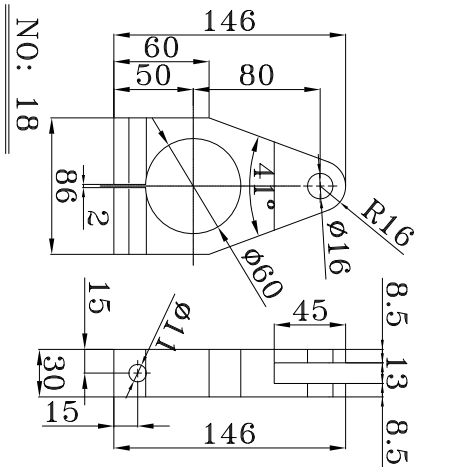
STATUS :	CLASS : 2	SCALE : NTS	SIZE : A3
DRAWING NUMBER			REV.
NGWK-AB-0700-VDFA-DWFB-0043			02
			2 of 3
			SHEET



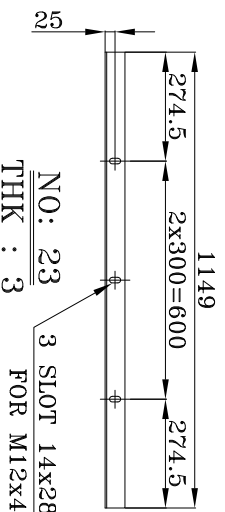
NO: 16
THK : 6



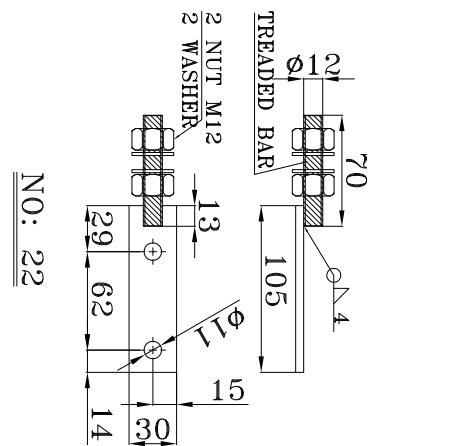
NO: 17
THK : 6



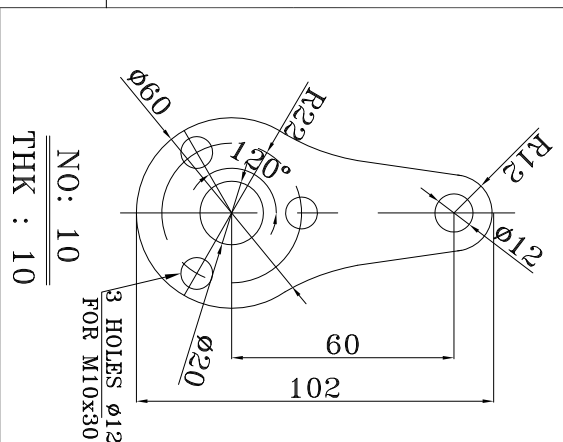
NO: 18



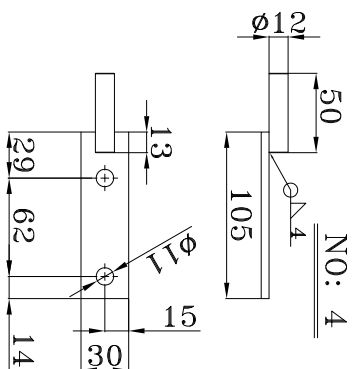
NO: 23
THK : 3



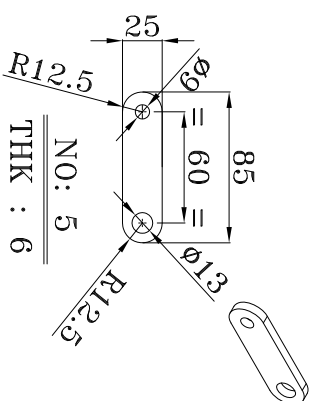
NO: 22



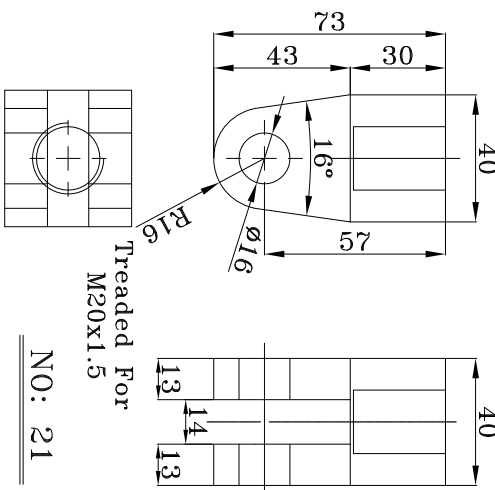
NO: 10
THK : 10



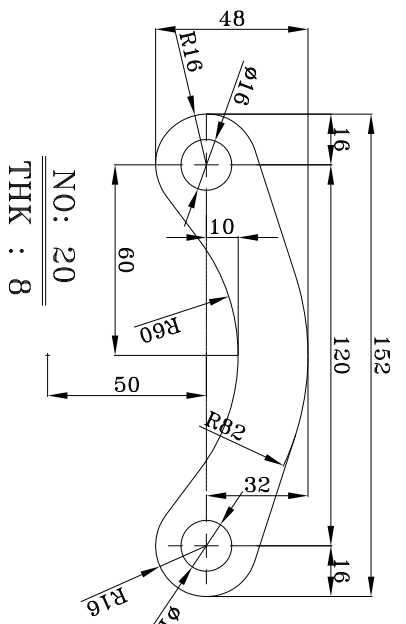
NO: 4



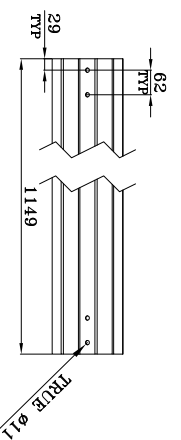
NO: 5
THK : 6



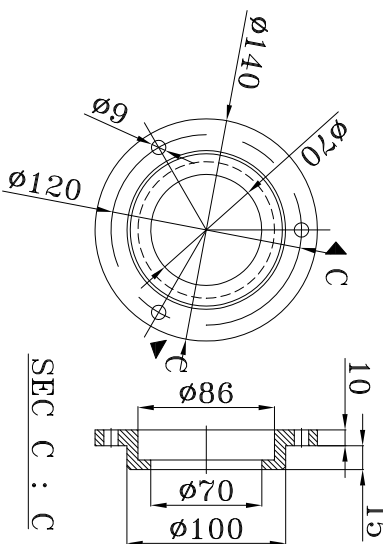
NO: 21



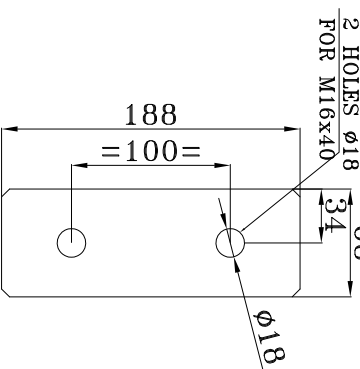
NO: 20
THK : 8



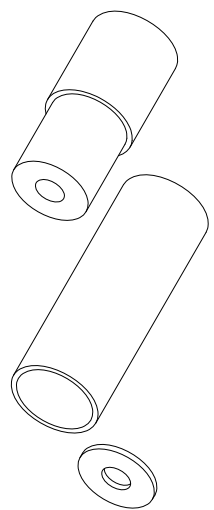
NO: 3
THK : 2



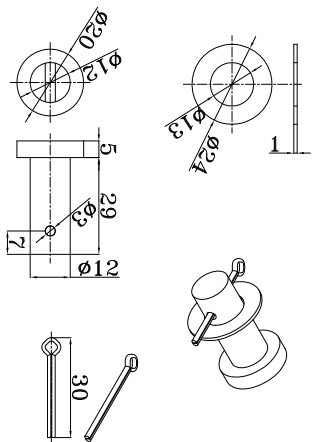
NO: 13



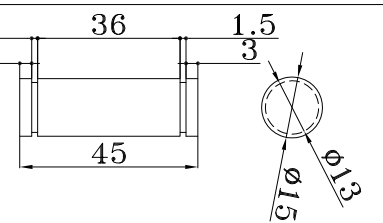
NO: 12
THK : 6



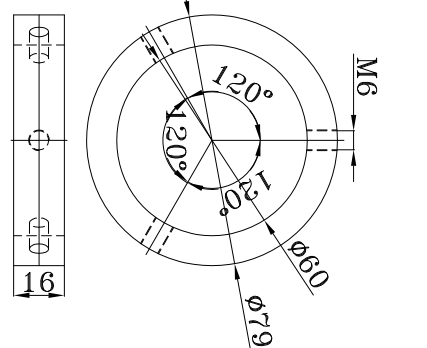
NO: 9



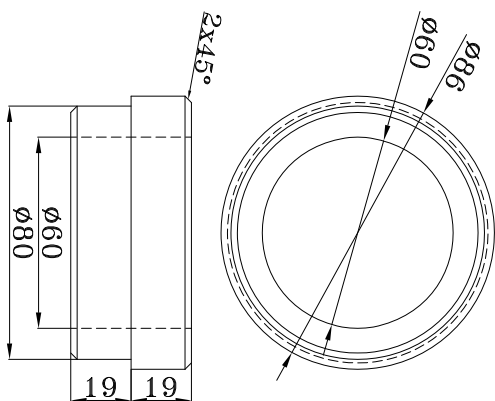
NO: 6



NO: 15



NO: 14



NO: 11



PERSIAN GULF
PETROCHEMICAL
INDUSTRIES COMPANY
(PGPIC)
West Karoun Area
NGL 3200 Project
Contract No.: 91 - 91 - 754



TITLE:

LOUVER DRAWING
E-700-004 A/B/C

STATUS :	CLASS :	SCALE :	SIZE :	REV.	SHEET
NGWK-AB-0700-VDFA-DWFB-0043	2	NTS	A3	02	3 of 3