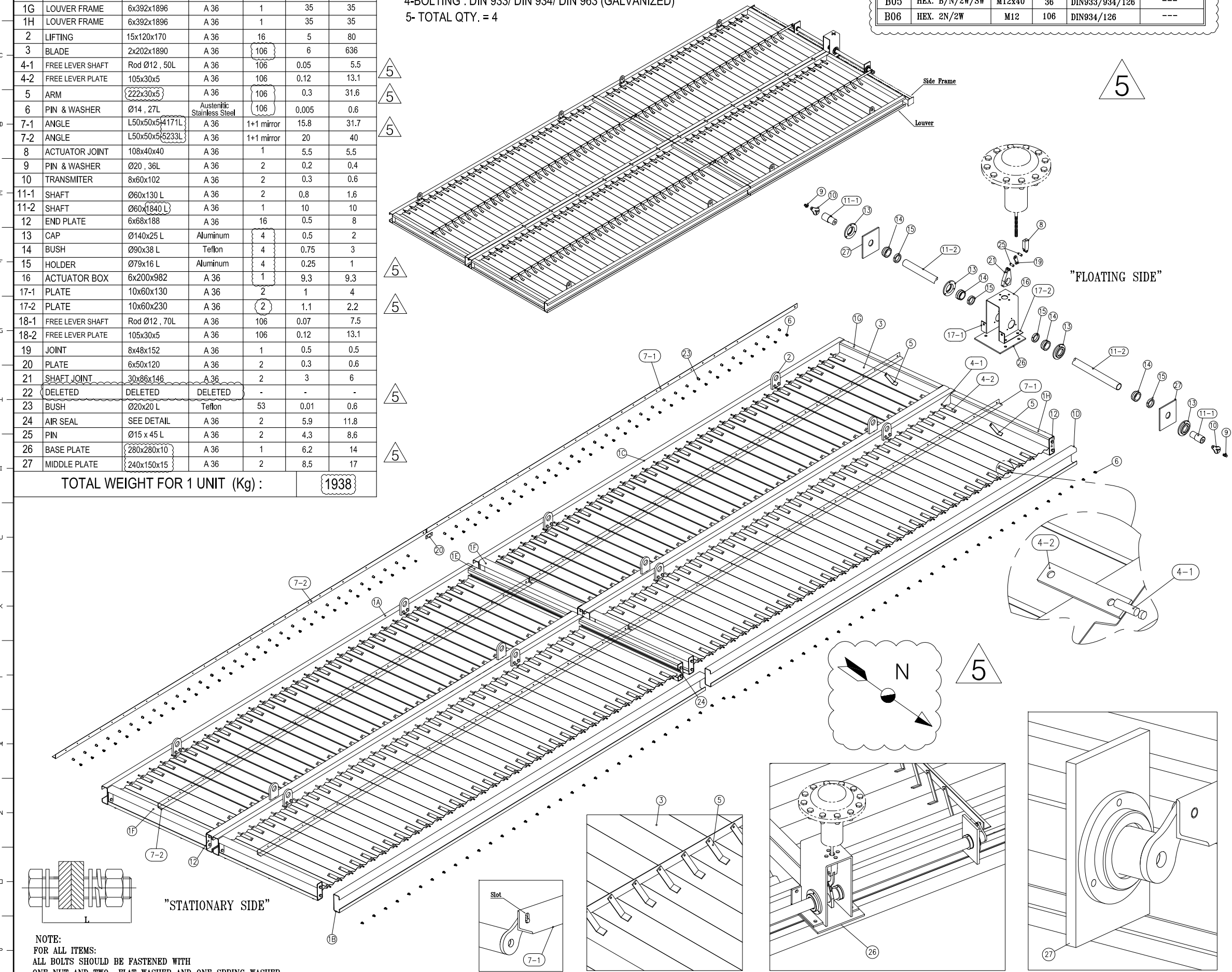


NO.	DESCRIPTION	SIZE	MAT'L	Q'TY	WEIGHT	T.WEIGHT
1A	LOUVER FRAME	6x392x5290	A 36	1+1 mirror	97.7	195.4
1B	LOUVER FRAME	6x392x5290	A 36	1+1 mirror	97.7	195.4
1C	LOUVER FRAME	6x392x4040	A 36	1+1 mirror	75	150
1D	LOUVER FRAME	6x392x4040	A 36	1+1 mirror	75	150
1E	LOUVER FRAME	6x392x1896	A 36	1+1 mirror	35	70
1F	LOUVER FRAME	6x392x1896	A 36	2+2 mirror	35	140
1G	LOUVER FRAME	6x392x1896	A 36	1	35	35
1H	LOUVER FRAME	6x392x1896	A 36	1	35	35
2	LIFTING	15x120x170	A 36	16	5	80
3	BLADE	2x202x1890	A 36	106	6	636
4-1	FREE LEVER SHAFT	Rod Ø12 , 50L	A 36	106	0.05	5.5
4-2	FREE LEVER PLATE	105x30x5	A 36	106	0.12	13.1
5	ARM	222x30x5	A 36	106	0.3	31.6
6	PIN & WASHER	Ø14 , 27L	Austenitic Stainless Steel	106	0.005	0.6
7-1	ANGLE	L50x50x5x4171L	A 36	1+1 mirror	15.8	31.7
7-2	ANGLE	L50x50x5x5233L	A 36	1+1 mirror	20	40
8	ACTUATOR JOINT	108x40x40	A 36	1	5.5	5.5
9	PIN & WASHER	Ø20 , 36L	A 36	2	0.2	0.4
10	TRANSMITER	8x60x102	A 36	2	0.3	0.6
11-1	SHAFT	Ø60x130 L	A 36	2	0.8	1.6
11-2	SHAFT	Ø60x1840 L	A 36	1	10	10
12	END PLATE	6x68x188	A 36	16	0.5	8
13	CAP	Ø140x25 L	Aluminum	4	0.5	2
14	BUSH	Ø90x38 L	Teflon	4	0.75	3
15	HOLDER	Ø79x16 L	Aluminum	4	0.25	1
16	ACTUATOR BOX	6x200x982	A 36	1	9.3	9.3
17-1	PLATE	10x60x130	A 36	2	1	4
17-2	PLATE	10x60x230	A 36	2	1.1	2.2
18-1	FREE LEVER SHAFT	Rod Ø12 , 70L	A 36	106	0.07	7.5
18-2	FREE LEVER PLATE	105x30x5	A 36	106	0.12	13.1
19	JOINT	8x48x152	A 36	1	0.5	0.5
20	PLATE	6x50x120	A 36	2	0.3	0.6
21	SHAFT JOINT	30x86x146	A 36	2	3	6
22	DELETED	DELETED	DELETED	-	-	-
23	BUSH	Ø20x20 L	Teflon	53	0.01	0.6
24	AIR SEAL	SEE DETAIL	A 36	2	5.9	11.8
25	PIN	Ø15 x 45 L	A 36	2	4.3	8.6
26	BASE PLATE	280x280x10	A 36	1	6.2	14
27	MIDDLE PLATE	240x150x15	A 36	2	8.5	17
TOTAL WEIGHT FOR 1 UNIT (Kg) :					1938	

GENERAL NOTE :




- 1-ALL THE WELDS ARE CONTINUOUS EXCEPT SPECIFIED.
2-ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED.
3-FINISHING SURFACE : PAINTED AS PER PAINTING SPEC. NO. SDHT-0000-ED-MC-SP-8009
4-BOLTING : DIN 933/ DIN 934/ DIN 963 (GALVANIZED)
5- TOTAL QTY. = 4

NUM	DESCRIPTION	SIZE	QTY	STANDARD	REMARK
B01	HEX. B/N/2W/SW	M16x50	36	DIN933/934/126	---
B02	HEX. B/N/2W/SW	M16x40	40	DIN933/934/126	---
B03	HEX. B	M6x20	15	DIN963	---
B04	HEX. B	M10x30	6	DIN963	---
B05	HEX. B/N/2W/SW	M12x40	36	DIN933/934/126	---
B06	HEX. 2N/2W	M12	106	DIN934/126	---

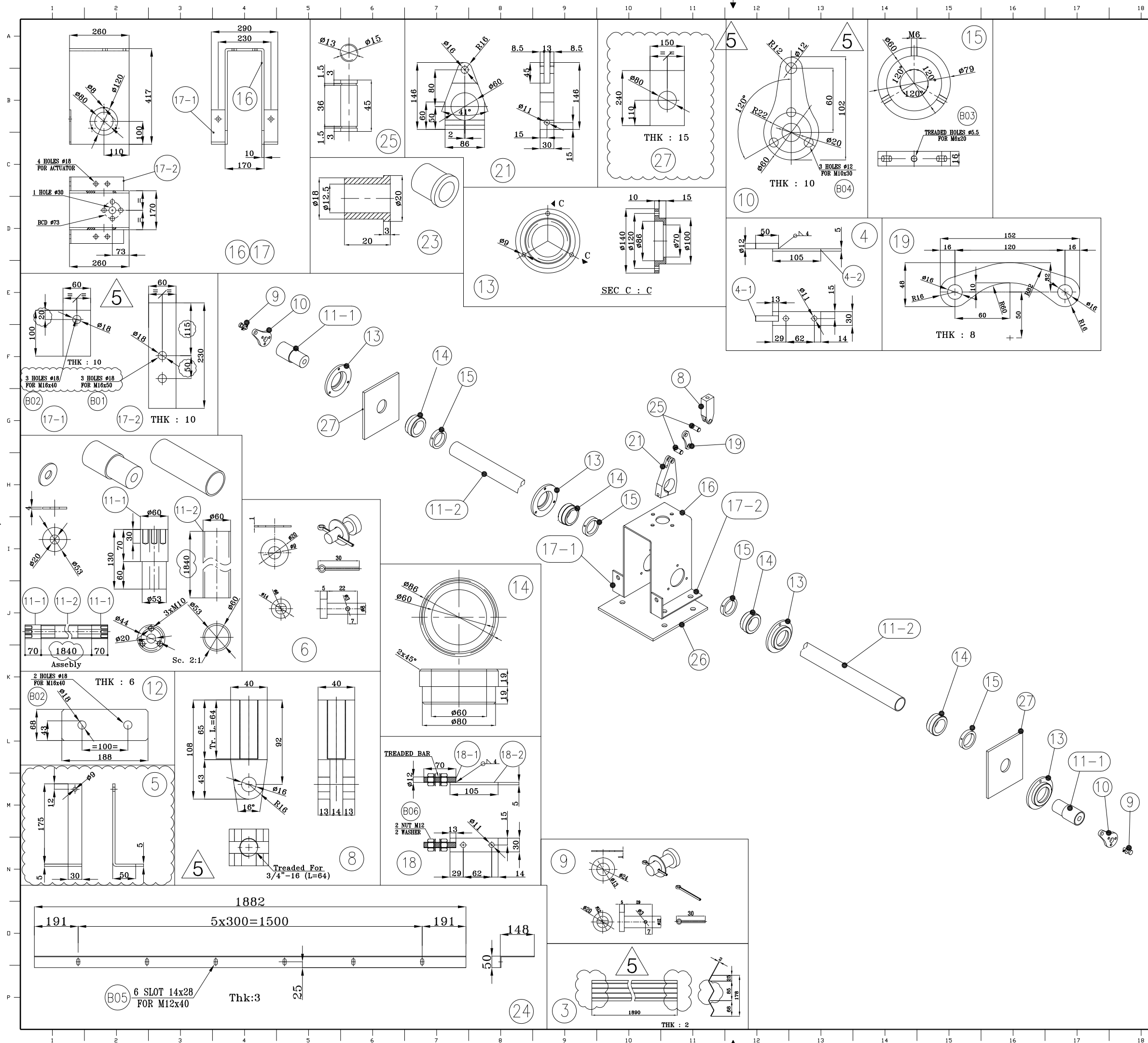






REFERENCE DRAWING

TITLE	DWG.NO
Tube Bundle Detail E-74101	VD-3607/32-74-4405-HE-DWG-0027
General Arrangement Drawing E-74101	VD-3607/32-74-4405-HE-GAD-0025
Side Frame E-74101	VD-3607/32-74-4405-HE-DWG-0029

EMPLOYER:		
 Esfahan Oil Refining Company		
PROJECT TITLE: RESIDUE HYDROTREATING PROJECT (RHU)		
CONTRACT No.: PNA/73-98-1638	P.O.I: XX	SCALE: 1/XXX
MC:	CONTRACTOR:	
 N.I.O.E.C.	 NARGAN	

DWG TITLE:			
Louver Drawing E-74101			
DWG No.: VD-3607/32-74-4405-HE-DWG-0045	SIZE:A3	SHEET No.: 1 of 3	REV: 05
PURCHASER'S COMMENT/APPROVAL STATUS		PURCHASER: NARGAN	
1. AP: Approved (Released for Manufacturing)		REQUISITION NO.: --	
2. AN: Approved as Noted for Fabrication(Fabrication may Proceed)		ITEM NO. (TAG NO.):	
3. NF: Approved as Noted for Re-Issue(Fabrication not Proceed)		VENDOR DOC. NO.:	
4. RE: Rejected		VENDOR PROJ. NO.: 17186	
5. NR: Not Returned		DATE	
Date : XX.XX.XX		Signature :	
05	02.Jul.2022	IFA	M.M M.R P.K
04	08.Feb.2022	IFA	M.M M.R P.K
03	01.Jan.2022	IFA	M.M M.R P.K
02	07.Dec.2021	IFA	M.M M.R P.K
01	23.Aug.2021	IFA	M.M M.R P.K
00	27.Jul.2021	IFA	M.M M.R P.K
REV.	DATE	DESCRIPTION	PREP'D CHK'D APP'D



REFERENCE DRAWING									
TITLE				DWG.NO					
Tube Bundle Detail E-74101				VD-3607/32-74-4405-HE-DWG-0027					
General Arrangement Drawing E-74101				VD-3607/32-74-4405-HE-GAD-0025					
Slide Frame E-74101				VD-3607/32-74-4405-HE-DWG-0029					
EMPLOYER:									
 <p style="text-align: center;">Esfahan Oil Refining Company</p>									
PROJECT TITLE: RESIDUE HYDROTREATING PROJECT (RHU)									
CONTRACT No.: PNA/73-98-1638				P.O.I:		XX		SCALE: 1/XXX	
MC:				CONTRACTOR:					
 <p style="text-align: center;">N.I.O.E.C.</p>				 <p style="text-align: center;">NARGAN</p>					
DWG TITLE:									
Louver Drawing E-74101									
DWG No.: VD-3607/32-74-4405-HE-DWG-0045				SIZE:A3		SHEET No.: 3 of 3		REV: 05	
PURCHASER'S COMMENT/APPROVAL STATUS						PURCHASER: NARGAN			
1. AP: Approved (Released for Manufacturing)						REQUISITION NO.: -- ITEM NO. (TAG NO.): VENDOR DOC. NO.:			
2. AN: Approved as Noted for Fabrication(Fabrication may Proceed)									
3. NF: Approved as Noted for Re-issue(Fabrication not Proceed)									
4. RE: Rejected									
5. NR: Not Returned									
Date : XX.XX.XX Signature :									
								VENDOR PROJ. NO.: 17186	
05	02.Jul.2022	IFA		M.M	M.R	P.K			
04	08.Feb.2022	IFA		M.M	M.R	P.K			
03	01.Jan.2022	IFA		M.M	M.R	P.K			
02	07.Dec.2021	IFA		M.M	M.R	P.K			
01	23.Aug.2021	IFA		M.M	M.R	P.K			
00	27.Jul.2021	IFA		M.M	M.R	P.K			
REV.	DATE	DESCRIPTION		PREP'D	CHK'D	APP'D			