



Project No.: 17176		<b>MATERIAL REQUISITION</b>	 <b>ABAN AIR-COOLER CO.</b>
Req. No.: 1210/2			
Rev. No.: 00			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
Final	<input checked="" type="radio"/>	Date & Rev.: 1394/11/16 - 1	ERP : 124372
			SRD : 2021.jan.30
			PAGE 1 OF 5


## MATERIAL REQUISITION FOR LOUVER

0	28-Nov-2020	ISSUE FOR ROCUREMENT	M.Maghsad	M. Rostami	P.Karimzadeh
Rev.	Date	Description	Prepared	Checked	Approved

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### TABULATION OF REVISED PAGE

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	0	1	2	3	4	5	6			0	1	2	3	4	5	6	
1	x								35								
2	x								36								
3	x								37								
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### 1- PURPOSE

The purpose of this document is to define vendor's scope of supply of **Louver** for air cooler in this requisition.

### 2- DEFINITION

For the purpose of this material requisition, the following definitions shall apply:

Contractor: ABAN AIR COOLER (AAC)

Vendor: (to be defined)

### 3- LIST OF EQUIPMENT INQUIRED

ITEM NO.	TAG NUMBER	QTY.	DESCRIPTION	LOCATION
1	5615	1	Air Cooler	Abadan

### 4- APPLICABLE CODES & STANDARD


N/A

### 5- REQUIRED DOCUMENTATION

N/A

### 6- SCOPE OF WORK , SUPPLY & SERVICE

POS	DESCRIPTION	MATERIAL	QTY.	UNIT WEIGHT (Kg)	TOTAL WEIGHT (Kg)	REMARK
1	LOUVER DRAWING	--	2	732	1464	-

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**7- SPARE PARTS**

N/A

**8- DEVIATIONS/EXCEPTION/ALTERNATION FROM MATERIAL REQUISITION'S REQUIREMENTS**

If any, shall be mentioned by vendor .

**9- TECHNICAL NOTES**

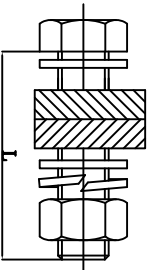
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**10- ATTACHMENTS**

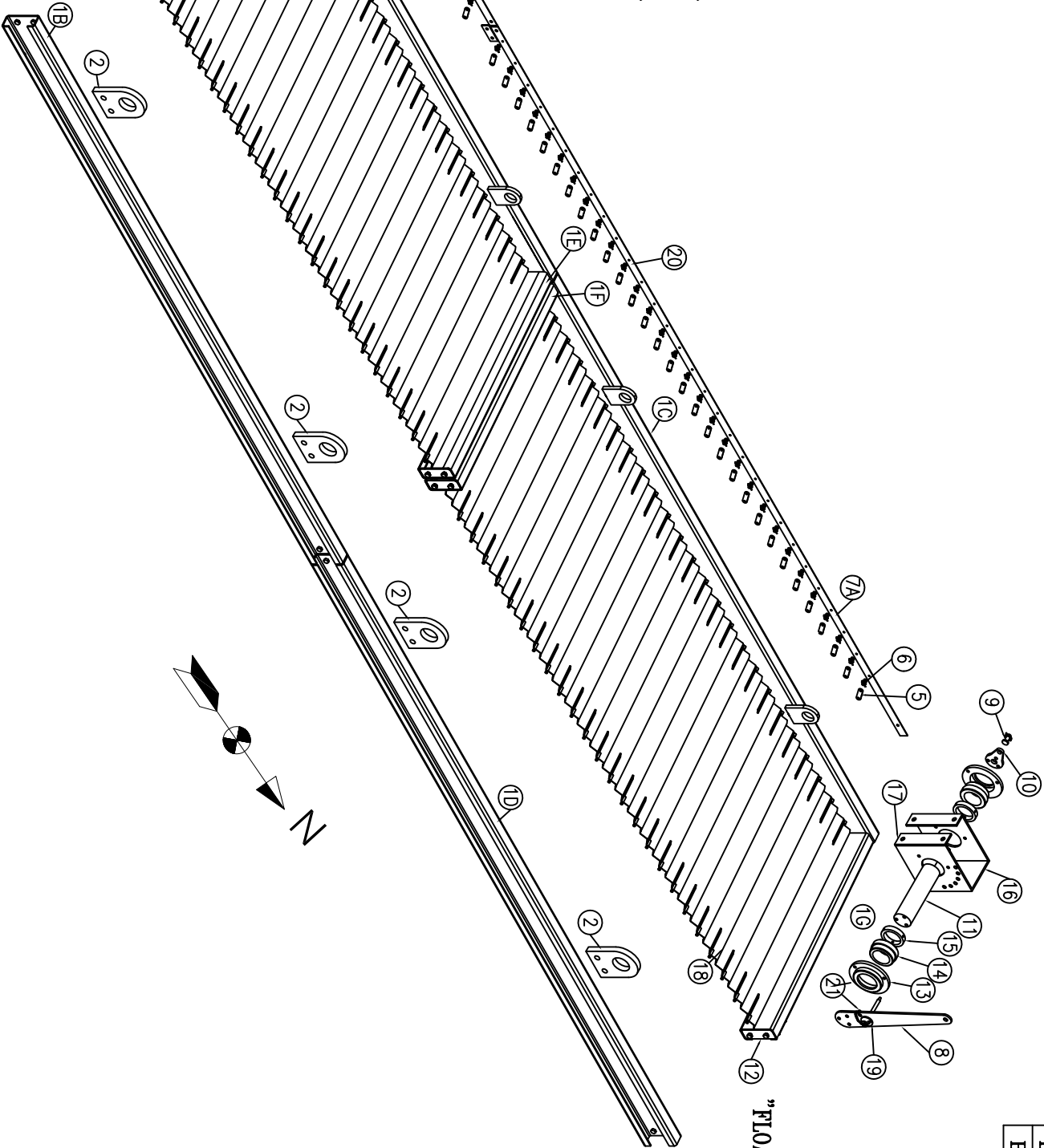
Row	Description	DOCUMENT No.	REVISION	NO. OF SHEETS
1	LOUVER DRAWING	VD-17176-ME-DWG-022	01	3

NO.	DESCRIPTION	SIZE	MATL	QTY	WEIGHT	T.WEIGHT
1A	LOUVER FRAME	6x392x4333	St-37	1	80	80
1B	LOUVER FRAME	6x392x4333	St-37	1	80	80
1C	LOUVER FRAME	6x392x4333	St-37	1	80	80
1D	LOUVER FRAME	6x392x4333	St-37	1	80	80
1E	LOUVER FRAME	6x392x1340	St-37	1	24.8	24.8
1F	LOUVER FRAME	6x392x1340	St-37	2	24.8	49.6
1G	LOUVER FRAME	6x392x1340	St-37	1	24.8	24.8
2	LIFTING	15x120x170	St-37	8	2.5	20
3	BLADE	2x202x1334	St-37	49	4.3	210.7
4	FREE LEVER SHAFT	SEE DETAIL	St-37	49	0.2	9.8
5	ARM	6x25x85	St-37	49	0.12	5.9
6	PIN & WASHER	Ø14 , 27L	St-37	49	0.005	0.25
7A	ANGLE	L50x50x5x44x11	St-37	1	16.7	16.7
7B	ANGLE	L50x50x5x42x28	St-37	1	15.4	15.4
8	HANDLE	6x70x455	St-37	1	1.5	1.5
9	PIN & WASHER	Ø20 , 36L	St-37	1	0.2	0.2
10	TRANSMITTER	8x60x102	St-37	1	0.3	0.3
11	SHAFT	Ø60x230 L	St-37	1	5	5
12	END PLATE	6x68x188	St-37	8	0.5	4
13	CAP	Ø140x25 L	Aluminum	2	0.5	1
14	HOLDER	Ø90x38 L	Teflon	2	0.75	1.5
15	HOLDER	Ø79x16 L	Aluminum	2	0.25	0.5
16	ACTUATOR BOX	6x200x536	St-37	1	5.5	5.5
17	PLATE	6x50x200	St-37	2	0.5	1
18	LEVER	SEE DETAIL	St-37	49	0.15	7.35
19	ROD	SEE DETAIL	St-37	1	0.1	0.1
20	PLATE	6x50x120	St-37	1	0.2	0.2
21	CHAIN	L : 300	St-37	1	0.1	0.1
22	AIR SEAL	SEE DETAIL	St-37	1	5.3	5.3
23	BUSH	Ø20x20 L	Teflon	98	0.01	1
24	Deleted	Deleted	Deleted	-	-	-
25	AIR SEAL	SEE DETAIL	St-37	1	2.7	2.7
TOTAL WEIGHT FOR 1 UNIT (Kg) :					732	

GENERAL NOTE :  
1-ALL THE WELDS ARE CONTINOUS EXCEPT SPECIFIED.  
2-ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED.  
3-FINISHING SURFACE : GALVANIZED REF.:ASTM-A-123,A-153.  
4-LOUVER WEIGHT 734 Kg.  
5-BOLTING : DIN 933/ DIN 934/ DIN 963 (GALVANIZED)  
6- TOTAL QTY: 1+1 MIRROR



"STATIONARY SIDE"



"FLOATING SIDE"

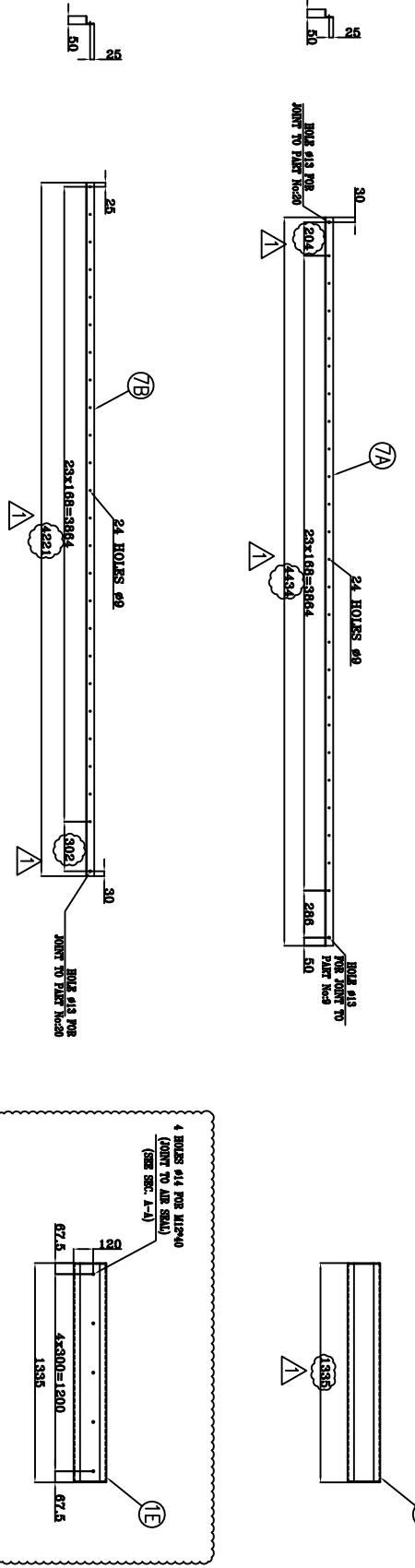
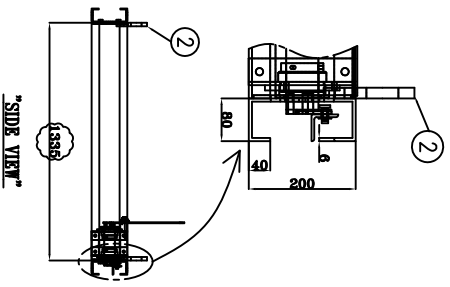
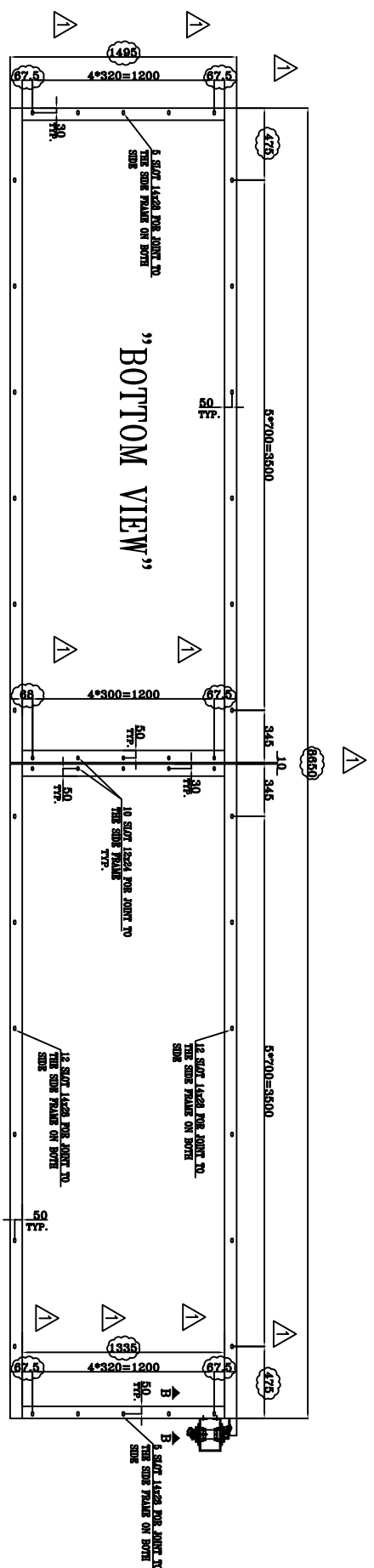
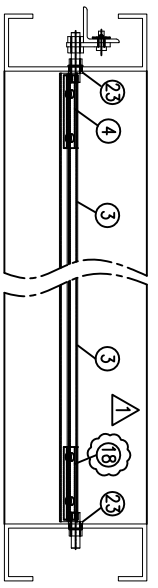
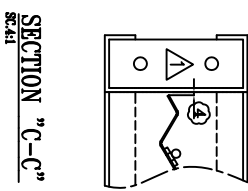
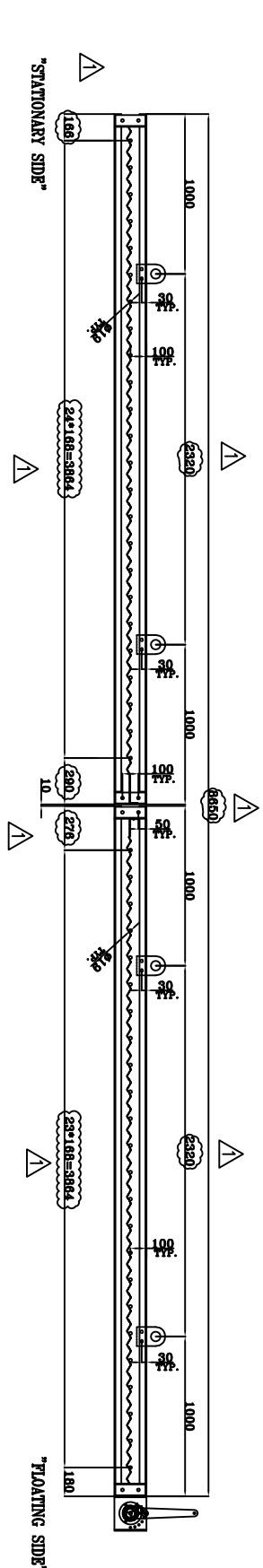
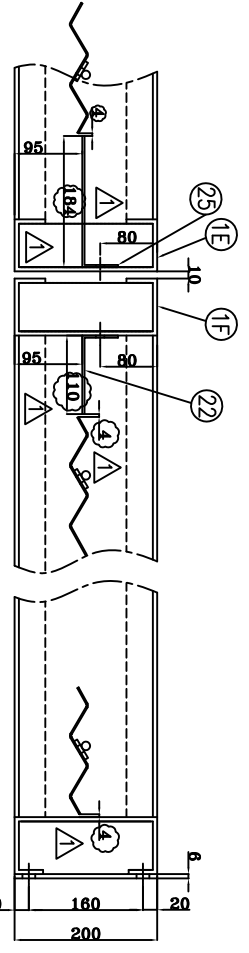
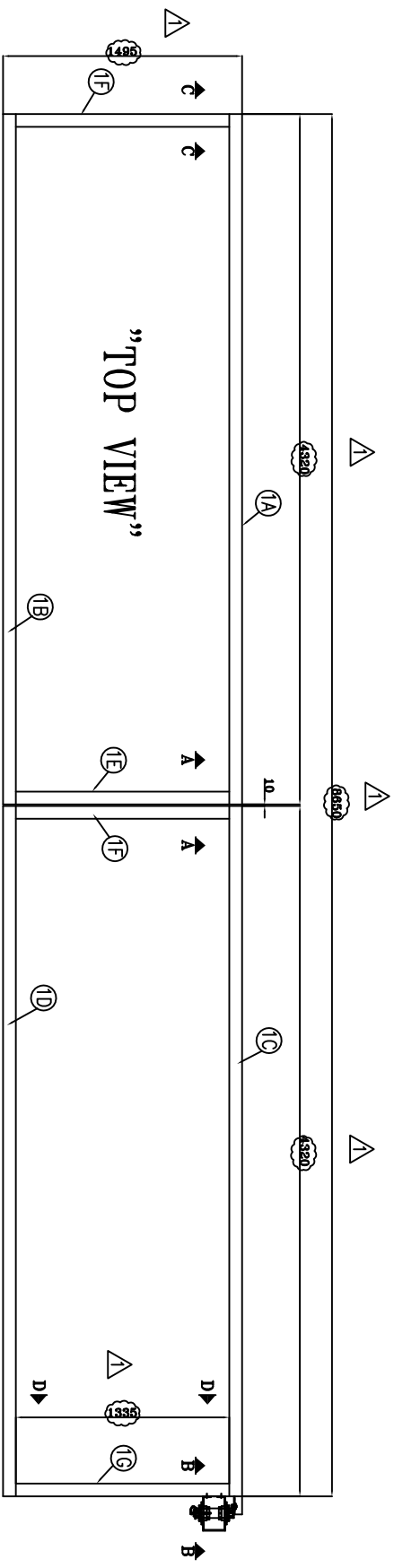
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GENERAL ARRANGEMENT	1071-S2ME039-ME-VDWG-E5615-003	
BUNDLE FRAME	1071-S2ME039-ME-VDWG-E5615-006	
STEEL STRUCTURE	1071-S2ME039-ME-VDWG-E5615-007	

NUM	DESCRIPTION	SIZE	QTY	STANDARD	REMARK
B01	HEX. B/N/2W/SW	M16x50	16	DIN933/934/126	---
B02	HEX. B/N/2W/SW	M12x40	25	DIN933/934/126	---
B03	HEX. B	M6x20	6	DIN963	---
B04	HEX. B	M10x30	6	DIN963	---
B05	HEX. B/N/2W/SW	M16x40	16	DIN933/934/126	---
B06	HEX. 2N/2W	M12	48	DIN934/126	---

<div>Code1</div> <div><input type="checkbox"/> Approved (Vendor shall issue "AFC"/ "FIN" status)</div>	<div>Code2</div> <div><input type="checkbox"/> Approved as noted (Vendor to amend and submit the 'Issued for Approval' status)</div>	<div>Code3</div> <div><input type="checkbox"/> Commented (Vendor to amend and submit the 'Issued for Approval' status)</div>	<div>Code4</div> <div><input type="checkbox"/> Rejected (Vendor to resubmit with some revision)</div>
The above checking result by Purchaser shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing			
<div>SEI</div> <div>中国石化工程建设有限公司</div> <div>SINPEC ENGINEERING AND CONSTRUCTION Co.</div>		<div>DATE :</div> <div>DEPT:</div> <div>Signature :</div>	
Only for internal review			
CV	PI	EL	IN
ST	MC	PR	SF
			ME
			MA
			TC
01	24/NOV/2020	ISSUED FOR APPROVAL	MAJROD M.Rostomi / P.Korinzadeh
00	13/7/2019	ISSUED FOR APPROVAL	M.Rezaei / M.Rostomi / B.Shakibeh
REV.	DATE	DESCRIPTION	PREP.
			CHK.
			APP.
NATIONAL BRAHMA OIL REFINING & DISTRIBUTION COMPANY			
NATIONAL BRAHMA OIL ENGINEERING AND CONSTRUCTION COMPANY			
<div>SEI</div> <div>中国石化工程建设有限公司</div> <div>SINPEC ENGINEERING AND CONSTRUCTION Co.</div>		<div>AAAC</div> <div>中国石化工程建设有限公司</div> <div>SINPEC ENGINEERING AND CONSTRUCTION Co.</div>	
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DRAWING TITLE: Louver E-5615			
PREP.: M.Moghtasod		CHECK: M.Rostomi	APPR.: P.Korinzadeh
CONT. JOB No.: 17176		CONT. DWG. No.: --	
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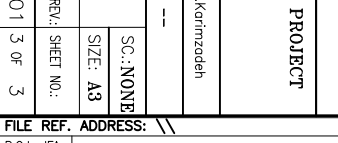
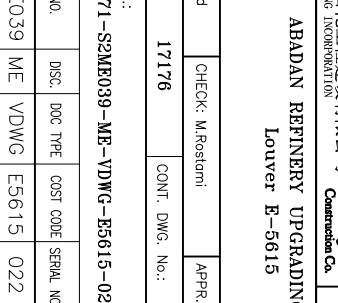
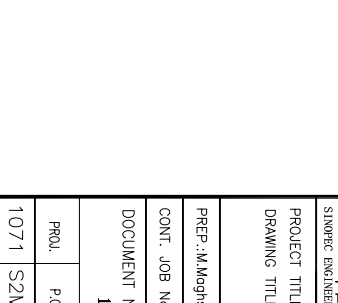
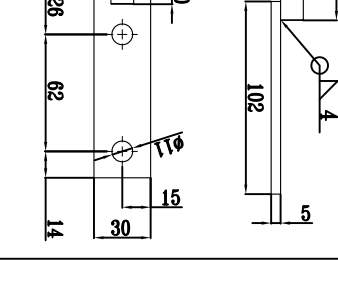
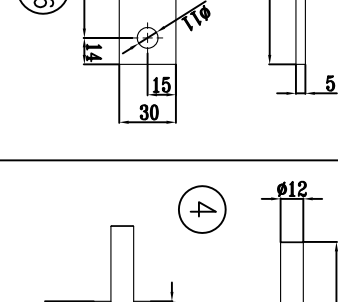
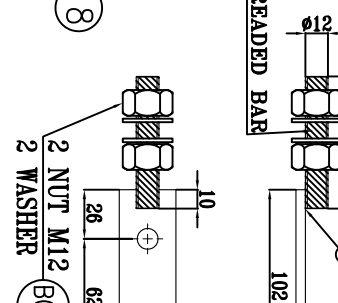
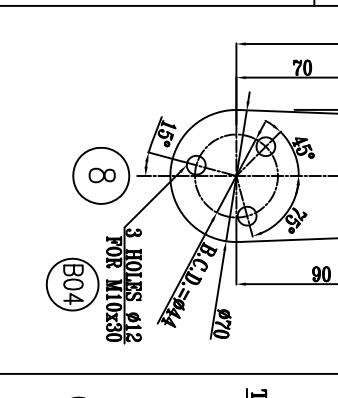
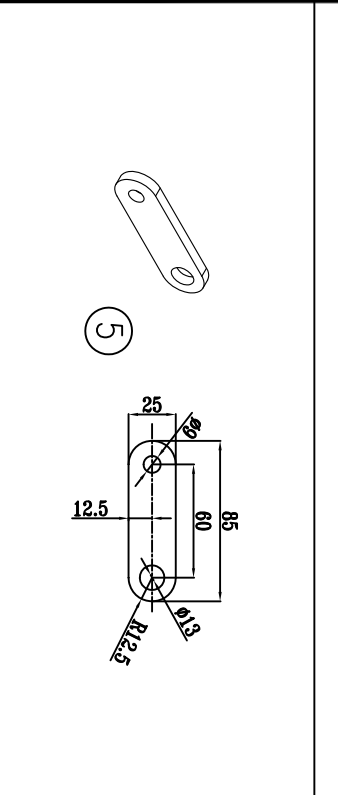
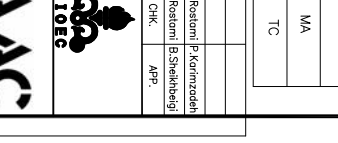
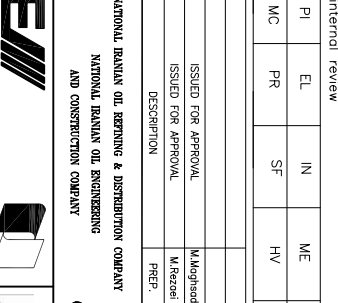
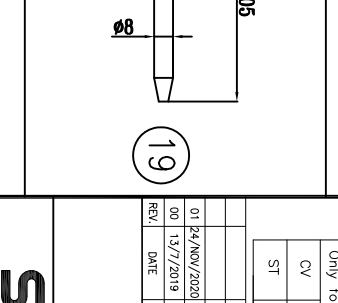
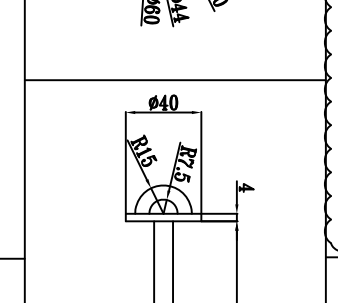
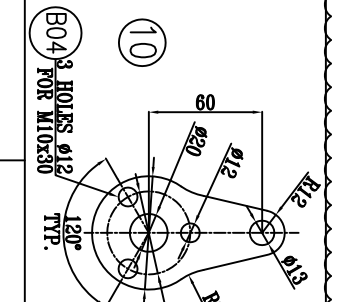
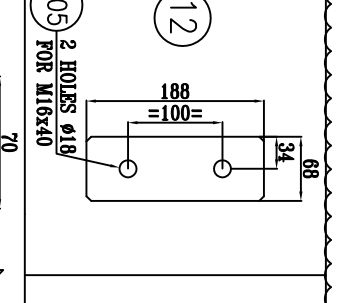
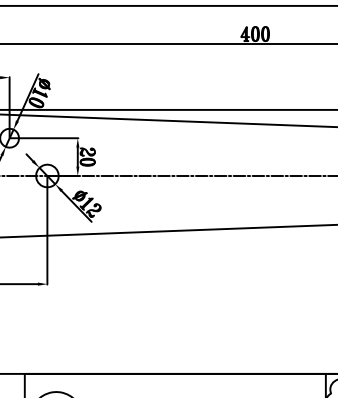
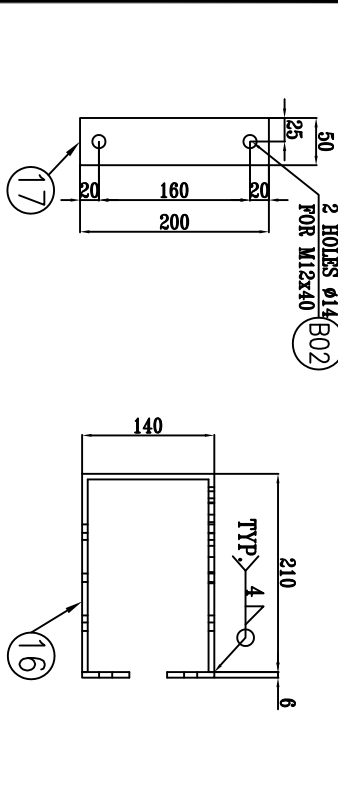
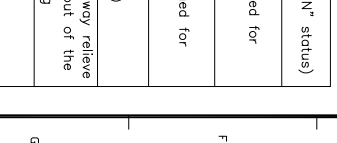
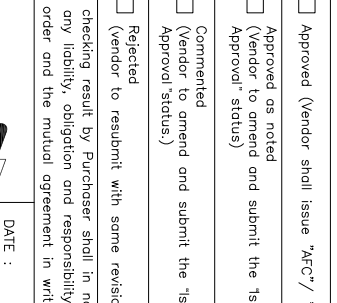
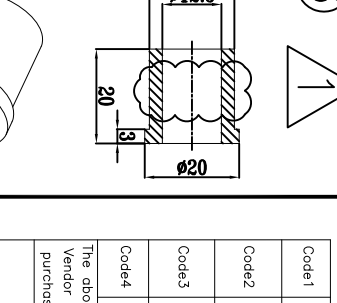
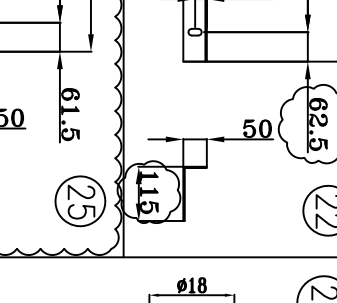
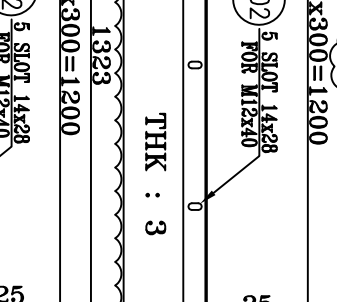
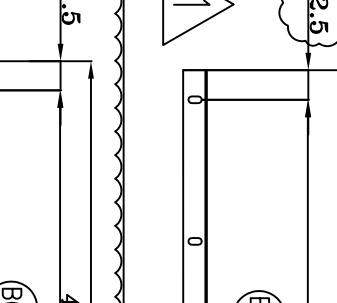
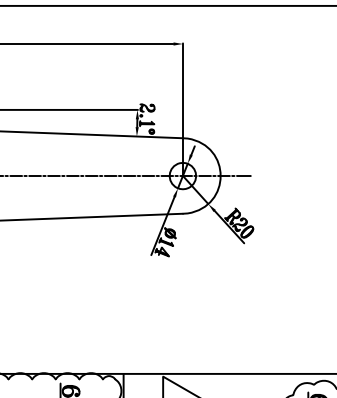
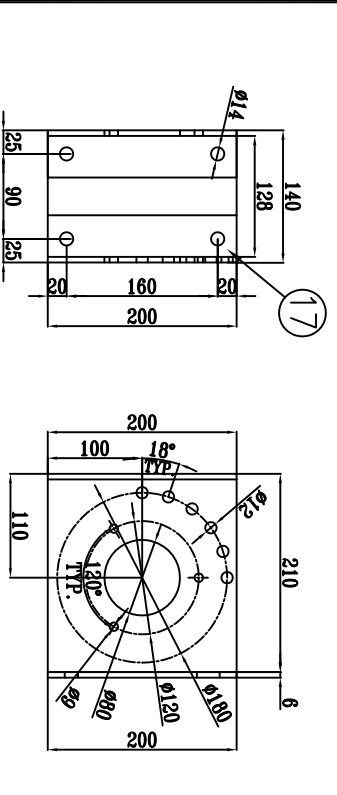
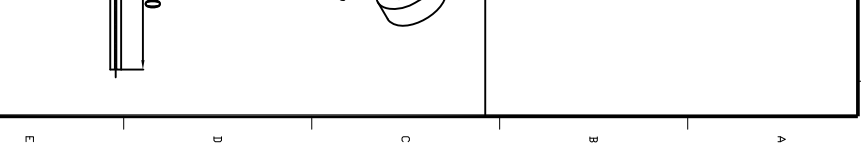
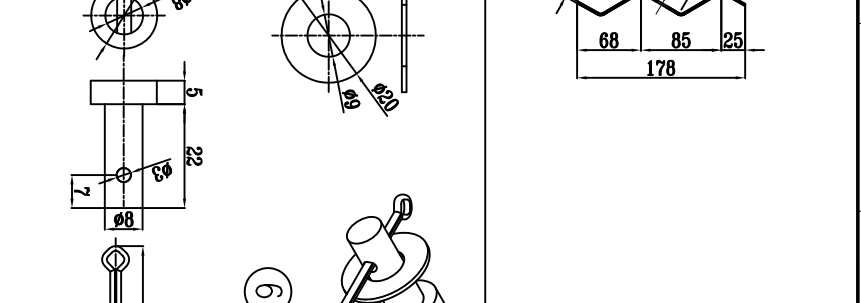
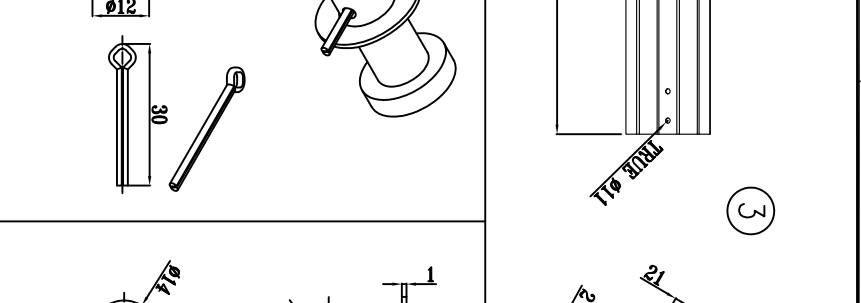
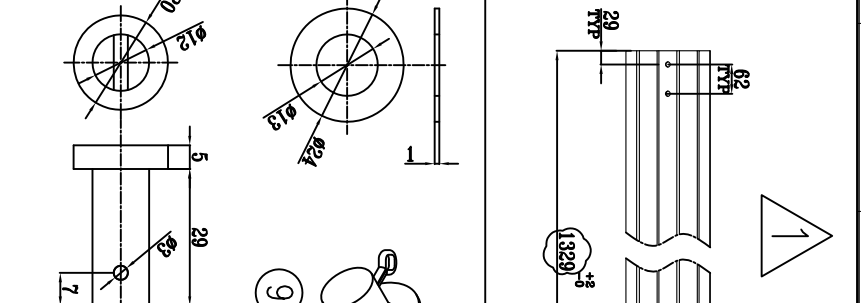
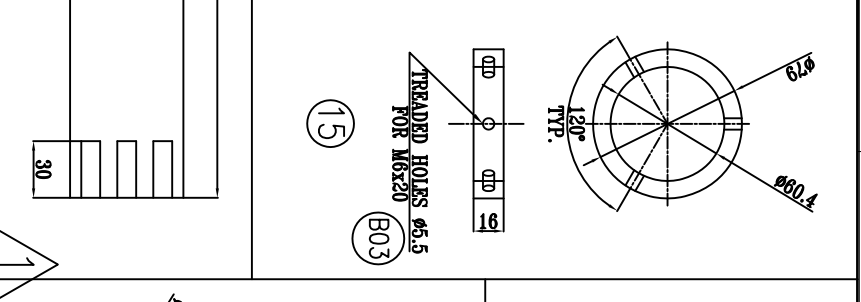
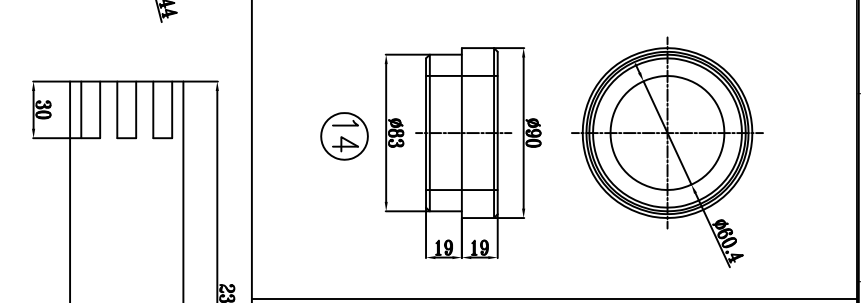
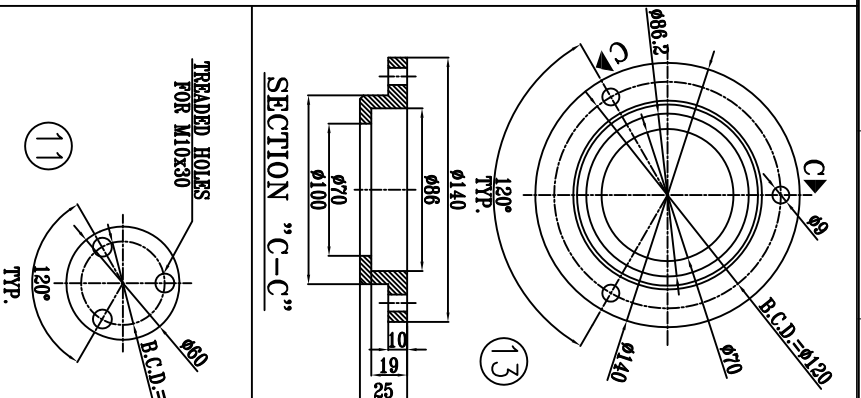
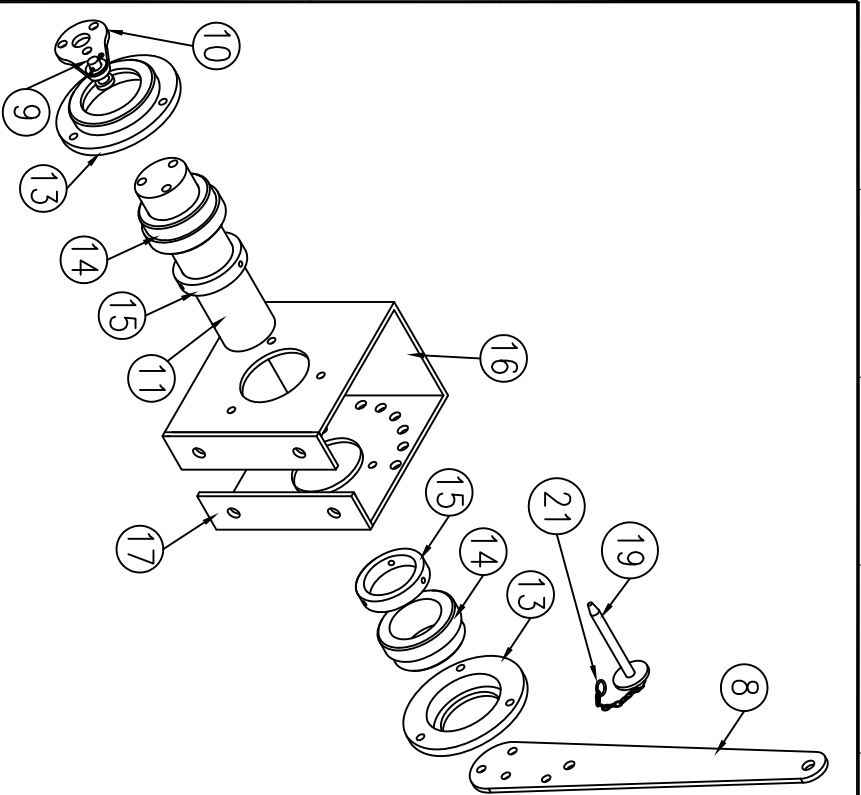
FILE REF. ADDRESS: P.O.I.: IFA

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



Code1	<input type="checkbox"/> Approved (Vendor shall issue "AFC"/ "FIN" status)						
Code2	<input type="checkbox"/> Approved as noted (Vendor to amend and submit the "Issued for Approval" status)						
Code3	<input type="checkbox"/> Commented (Vendor to amend and submit the "Issued for Approval" status)						
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DATE : DEPT : Signature :							
Only for internal review							
CV	PI	EL	IN	ME	MA		
ST	MC	PR	SF	HV	TC		
01 24/NOV/2020 ISSUED FOR APPROVAL MAJROD M.Rostomi P.Karimzadeh							
00 13/7/2019 ISSUED FOR APPROVAL M.Rostomi M.Rostomi B.Shahbakhsh							
REV	DATE	DESCRIPTION	PREP.	CHK.	APP.		
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SEI 中国石化工程建设有限公司 SINPEC ENGINEERING AND CONSTRUCTION CO., LTD.							
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PREP: M.Majrood CHECK: M.Rostomi APPR: P.Karimzadeh							
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FILE REF. ADDRESS: P.O.L.: IFA



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DATE : DEPT: <b>Oil Design &amp; Construction Co.</b> Signature :					
Only for internal review					
CV	PI	EL	IN	ME	MA
ST	MC	PR	SF	HV	TC
01 24/NOV/2020 ISSUED FOR APPROVAL MAJROD M.Rostomi P.Karimzadeh					
00 13/7/2019 ISSUED FOR APPROVAL M.Rezai M.Rostomi B.Shakibeh					
REV	DATE	DESCRIPTION	PREP.	CHK.	APP.
NATIONAL IRANIAN OIL REFINING & DISTRIBUTION COMPANY NATIONAL IRANIAN OIL ENGINEERING AND CONSTRUCTION COMPANY					
PROJECT TITLE: ABADAN REFINERY UPGRADING PROJECT DRAWING TITLE: Louver E-5615					
PREP.: M.Moghtasadi CHECK: M.Rostomi APPR.: P.Karimzadeh					
CONT. JOB No.: 17176 CONT. DWG. No.: --					
DOCUMENT No.: 1071-S2ME039-ME-VDWG-E5615-022 SC.:NONE					
PROJ. P.O. NO. DISC. DOC TYPE COST CODE SERIAL NO. REV. SHEET NO. SIZE: A3					
1071 S2ME039 ME VDWG E5615 022 01 3 of 3					