



Project No.: 17187		MATERIAL REQUISITION	 ABAN AIR-COOLER CO.
Req. No.: 1600/3			
Rev. No.: 02			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
			ERP : 134003
Final	<input checked="" type="radio"/>	Date & Rev.: 1393/09/10 - 4	SRD : 21.05.2021
			PAGE 1 OF 5

MATERIAL REQUISITION FOR PLENUM & FAN RING

02	11.09.2021	ISSUE FOR PROCUREMENT	Z. Zarei	F. Mohammadi	P. Karimizadeh
01	21.04.2021	ISSUE FOR PROCUREMENT	Z. Zarei	F. Mohammadi	P. Karimizadeh
00	18.04.2021	ISSUE FOR PROCUREMENT	Z. Zarei	F. Mohammadi	P. Karimizadeh
Rev.	Date	Description	Prepared	Checked	Approved

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			SRD : 21.05.2021
			PAGE 2 OF 5

TABULATION OF REVISED PAGE

Page	Revisions							Remarks	Page	Revisions							Remarks
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1	x	x	x						35								
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1- PURPOSE

The purpose of this document is to define vendor's scope of supply for **PLENUM & FAN RING** of air coolers.

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	30-AE-9004	2	PLENUM AND FAN RING	

4- APPLICABLE CODES & STANDARD

ASME Section II Part A for material designations, and ISO 13706 to be followed.

5- REQUIRED DOCUMENTATION

N/A

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6- SCOPE OF WORK, SUPPLY & SERVICES



POS	DESCRIPTION	MATERIAL	QTY.	Remarks
1	PLENUM	A36	2	Total Weight = 800 Kg
2	FAN RING	A36	2	Total Weight = 440 Kg

7- SPARE PARTS

N/A

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

If any, shall be mentioned by vendor

9- TECHNICAL NOTES

N/A

10- ATTACHMENTS


DOCUMENT	REVISION	NO. OF SHEETS
VP-90-ME-9013-0029	04	4



REFERENCE DRAWINGS

TITLE	DWG. No.
General Arrangement Drawing 30-AE-9003/9004	VP-90-ME-9013-0017
Steel Structure Drawing 30-AE-9003/9004	VP-90-CV-9013-0007
Fan & Motor Support Drawing 30-AE-9004	VP-90-ME-9013-0025
Fan Data Sheets 30-AE-9004	VP-90-ME-9013-0004

1. ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED.
2. MARKING : 17187-30 AE 9004 -PL-PART NO.
3. SURFACE PROTECTION : HOT DIP GALVANIZED ACCORDING TO ASTM A123 & A153 OR DIN 267 PAINTING ACCORDING TO VP-90-QC-9013-0016 BOLT ARE M12x40 BOLTING : DIN EN ISO 4017/ DIN EN ISO 4032
4. TWO FLAT WASHER : DIN 125
5. TOTAL REQUIRED QUANTITY FOR M12*40= 188(SETS/UNIT)
6. QUANTITY : 2*1=2

Code1	<input type="checkbox"/> No Comment (Applicable only for "For REVIEW" Documents) AND Vendor Data Book No comment and the document are released for Manufacturing				
Code2	<input type="checkbox"/> Commented (Applicable for For Review / For NORAB/DIAD/Document) Vendor shall correct, revise and resubmit the document by the date specified. The document shall be revised under the status of "Re-Revised Issue". All corrected documents shall be released before starting the Manufacturing Process				
Code3	<input type="checkbox"/> No Comment with Worked (Applicable only for "For REVIEW" Documents) Vendor shall correct, revise and resubmit the document. The document is released for Manufacturing if changes incorporated.				
No Code	<input type="checkbox"/> No Code (Applicable Only for "For Information" Documents) Consistently, completeness and correctness of document The above document shall be reviewed and corrected by the date specified. The document shall be released for Manufacturing after the Manufacturing Process				
The above checking result by Norahman shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing.					
DATE : SIGNED : Signature : 					
Only for Internal review					
CV	FI	EL	N	ME	MA
ST	BU	PR	SA	HW	TL

D	REVISED ISSUE	FR	Z Zarei	Z Zarei	F Mohammadi	P Karimzadeh	07-Sep-2021
C	REVISED ISSUE	FR	Z Zarei	Z Zarei	F Mohammadi	P Karimzadeh	03-Aug-2021
B	REVISED ISSUE	FR	Z Zarei	Z Zarei	F Mohammadi	P Karimzadeh	04-JUL-2021
A	REVISED ISSUE	FR	M Firoozi	M Firoozi	Z Zarei	P Karimzadeh	22-JUN-2021
O	FIRST ISSUE	FR	M Firoozi	M Firoozi	Z Zarei	P Karimzadeh	APR-2021
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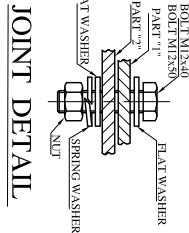
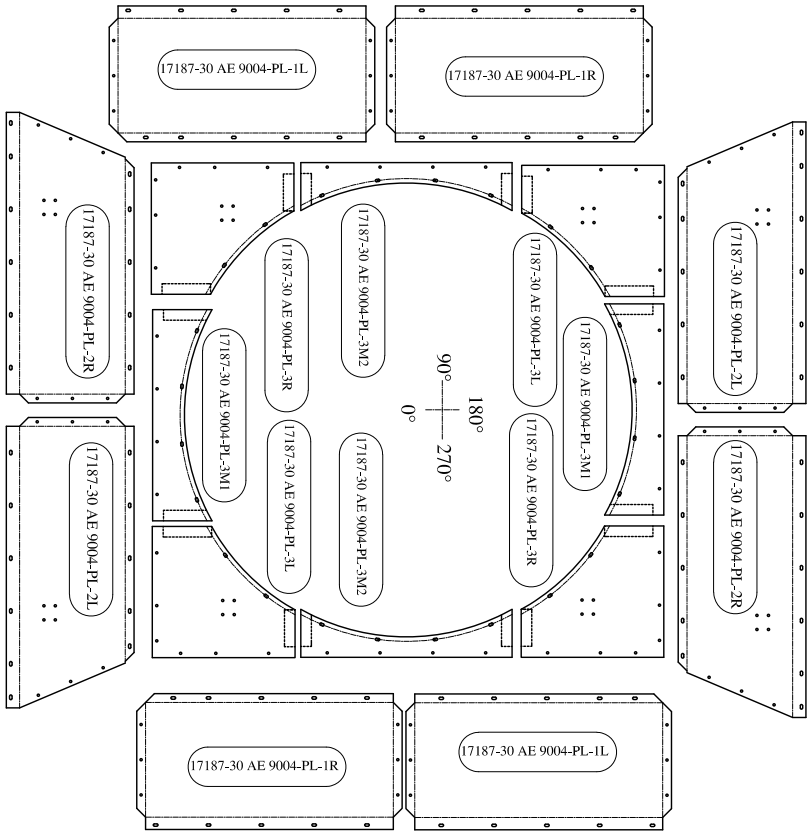
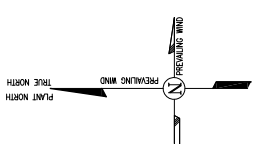
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0-0	FIRST ISSUE	FR	M Firoozi	M Firoozi	Z Zarei	P Karimzadeh	Apr-2021
Rev.	DESCRIPTION	POI	DESIGNED	DRAWN	CHECKED	APPROVED	DATE

ILAM SRP/SSU PLANT

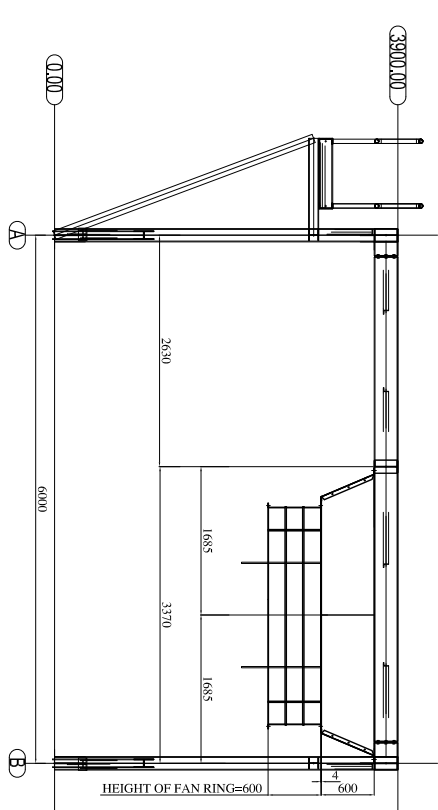
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ABAN AIR COOLER	NORAHMAN Engineering & Contracting	

TITLE: Plenum & Fan Ring Drawing 30-AE-9004

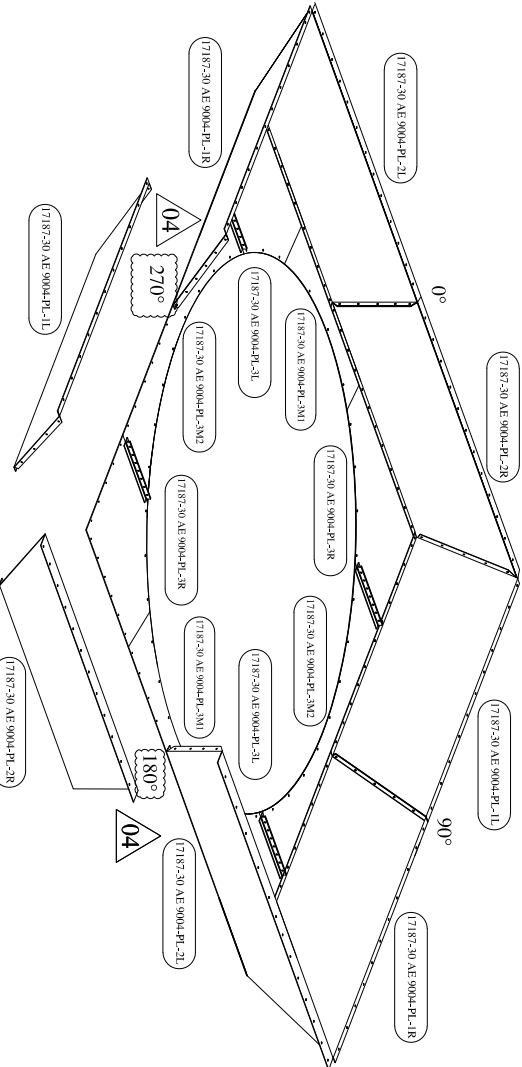
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PROJECT NO:	SCALE: NONE	REV. NO.: 04	SHEET: 1 OF: 4
30			SIZE: A3



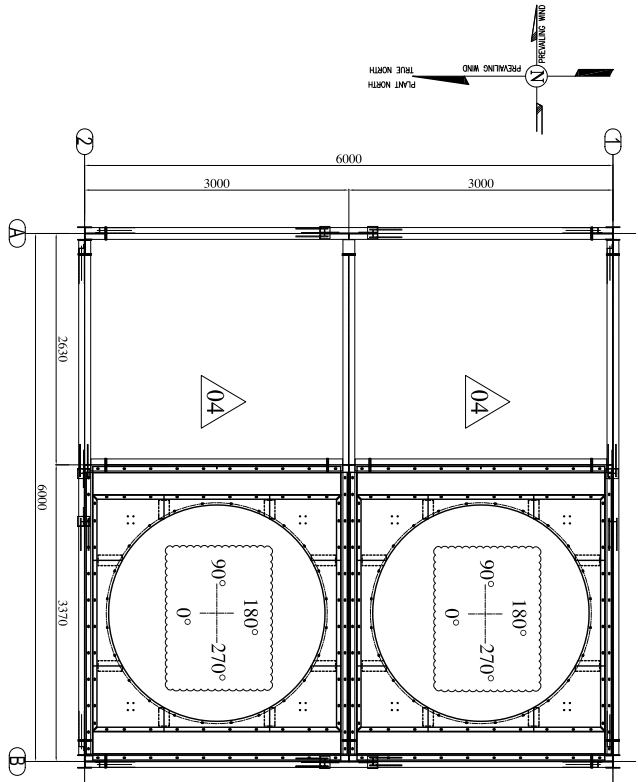
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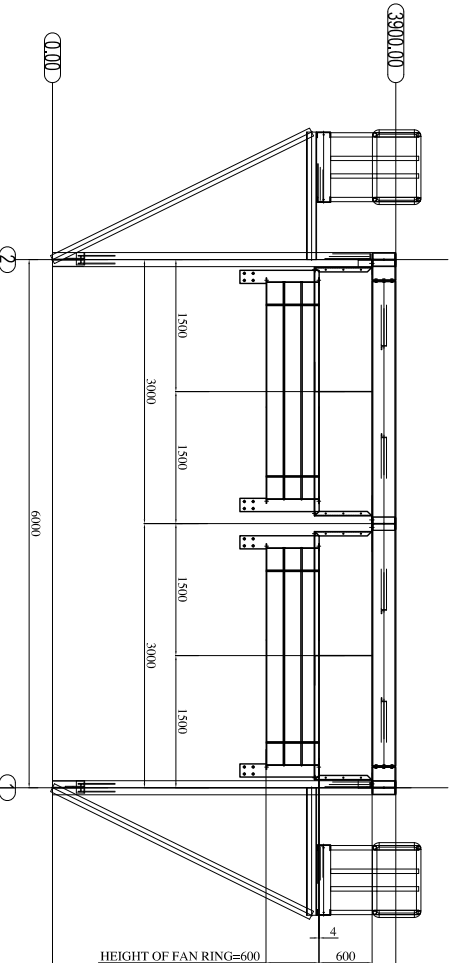
ELEVATION VIEW
SCALE 1:2



3D VIEW



PLAN VIEW
SCALE 1:2



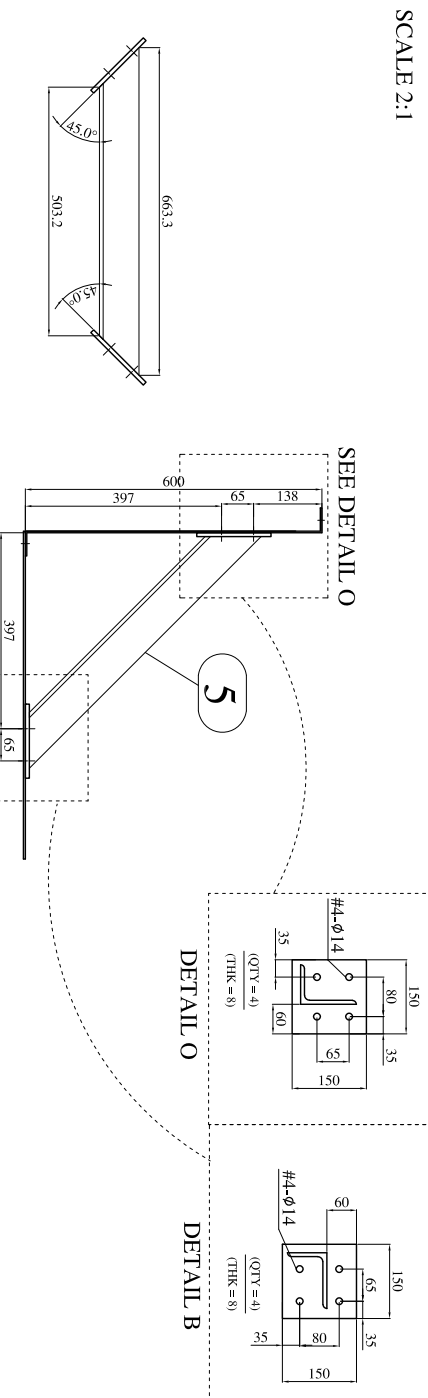
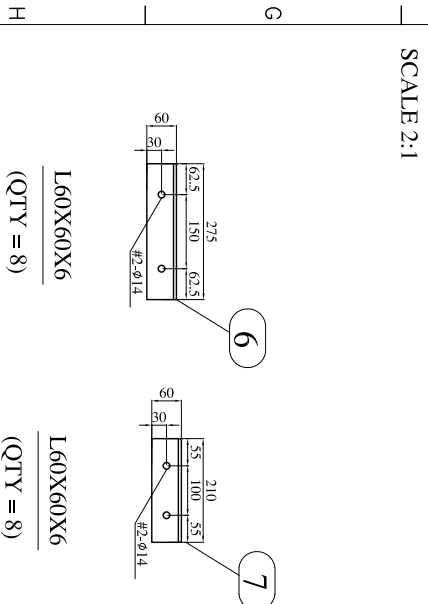
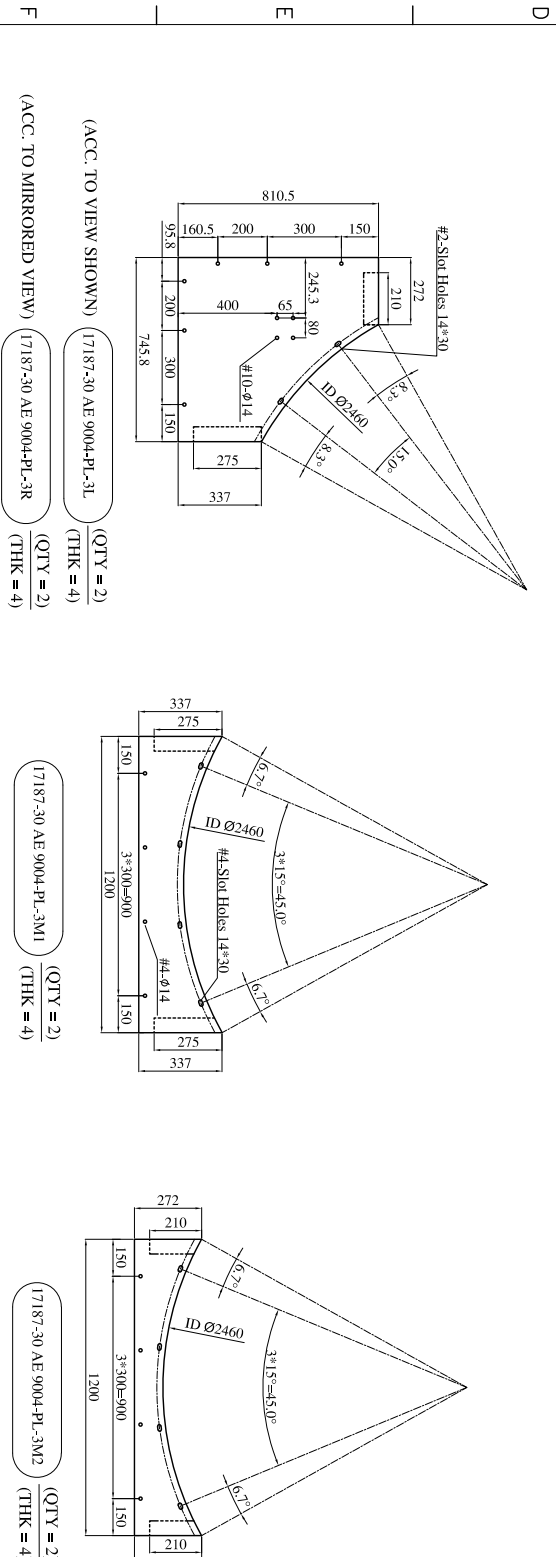
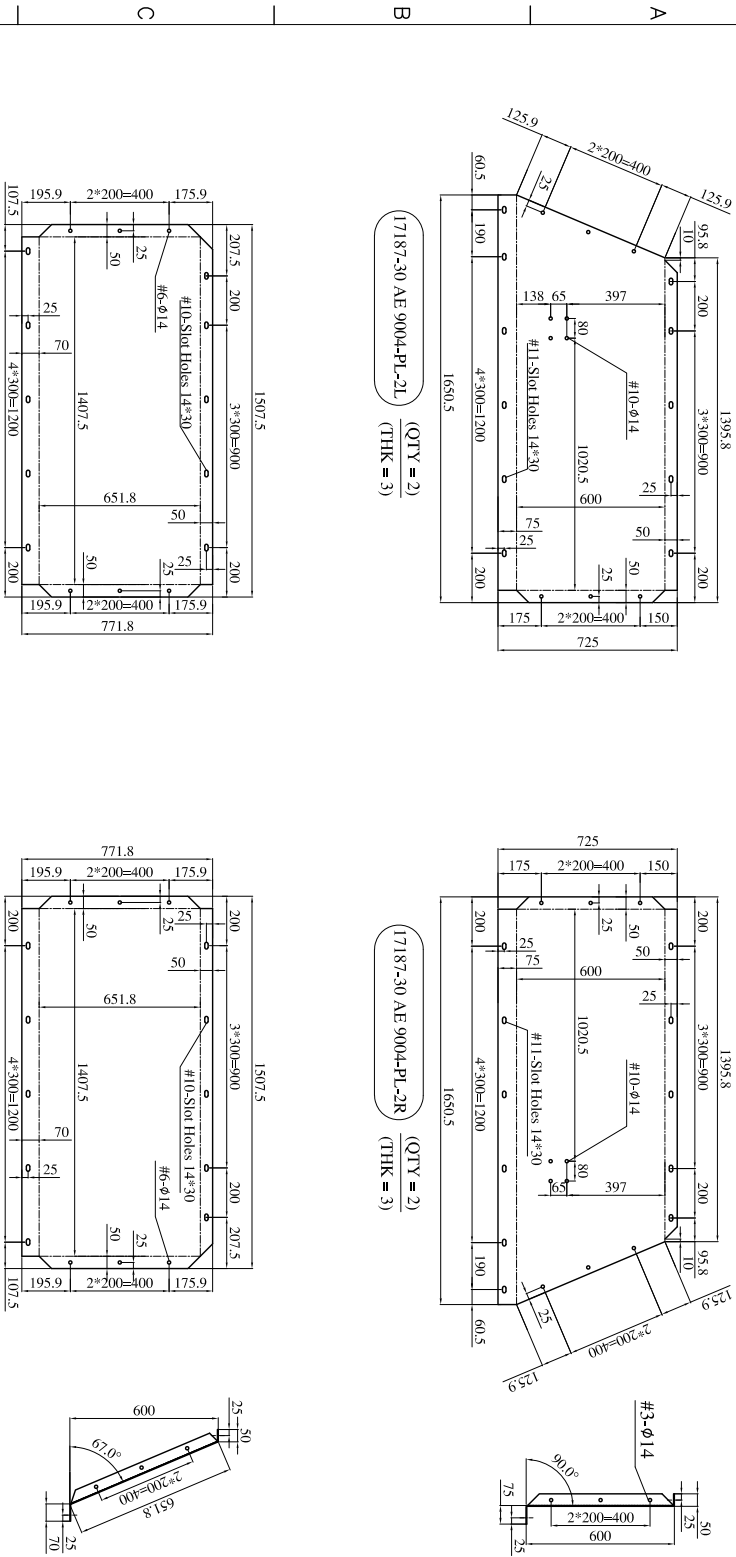
SIDE VIEW
SCALE 1:2



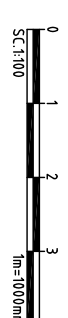
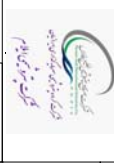
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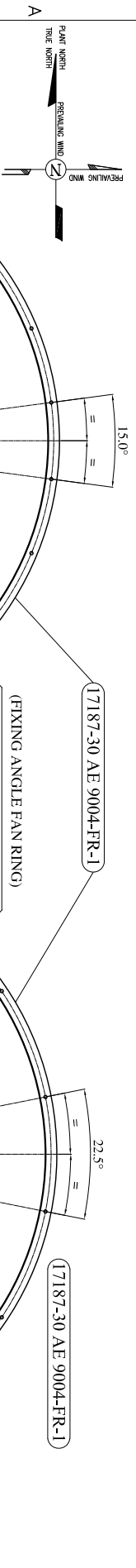
PART LIST FOR ONE UNITE PLENUM 17187-30 AE 9004

NO	DIMENSION	MATERIAL	QTY	U.WEIGHT	T.WEIGHT	MARKING
1L	1507.5*771.8*3	A36	2	27	54	17187-30 AE 9004-PL-1L
1R	1507.5*771.8*3	A36	2	27	54	17187-30 AE 9004-PL-1R
2L	1650.5*725*3	A36	2	28	56	17187-30 AE 9004-PL-2L
2R	1650.5*725*3	A36	2	28	56	17187-30 AE 9004-PL-2R
3L	810.5*745.8*4	A36	2	19	38	17187-30 AE 9004-PL-3L
3R	810.5*745.8*4	A36	2	19	38	17187-30 AE 9004-PL-3R
3M1	1200*337*4	A36	2	12.5	25	17187-30 AE 9004-PL-3M1
3M2	1200*272*4	A38	2	10	20	17187-30 AE 9004-PL-3M2
4	150*150*8	A36	8	2	16	END PLATE
5	180*80*8-1663.3	A36	4	6	24	17187-30 AE 9004-PL-5
6	160*60*6-1.275	A36	8	1.3	10.5	STIFFENER 1
7	160*60*6-1.210	A36	8	1	8	STIFFENER 2
8	M12*40	A325	176			
				T.WEIGHT(kg)	399.5	

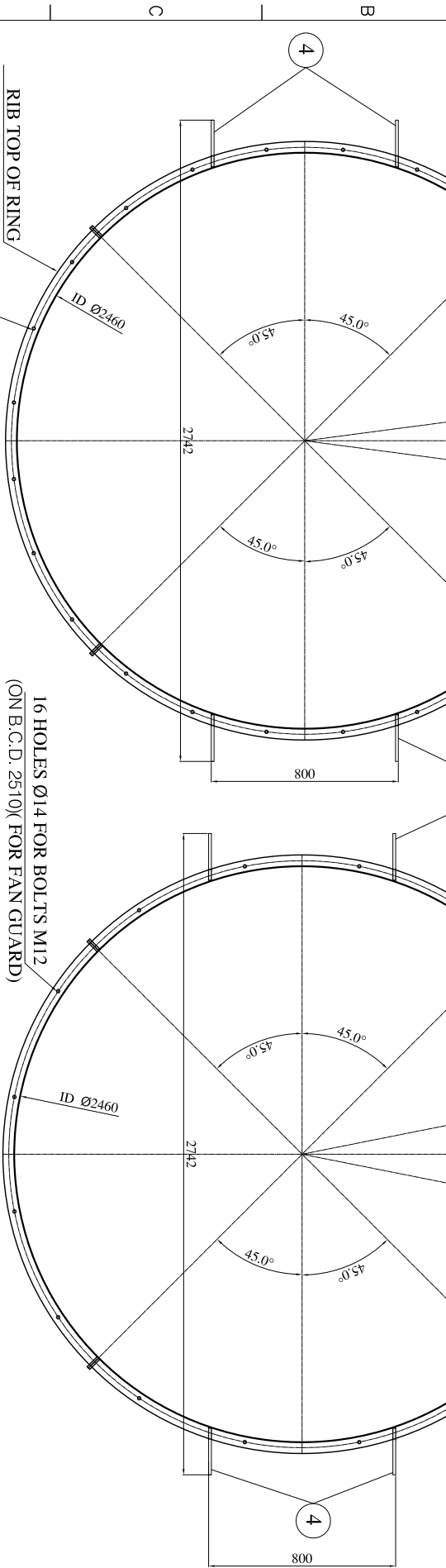


Rev.	DESCRIPTION	POI	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
D	REVISED ISSUE	FR	Z Zarei	Z Zarei	F Mohammadi	P Karimzadeh	07 Sep 2021
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O	FIRST ISSUE	FR	M Firoozi	M Firoozi	Z Zarei	P Karimzadeh	Apr 2021
Rev.	DESCRIPTION	POI	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
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00	FIRST ISSUE	FR	M Firoozi	M Firoozi	Z Zarei	P Karimzadeh	Apr 2021
Rev.	DESCRIPTION	POI	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
PROJECT:							
IIAM SRP/SSU PLANT							
VENDOR:							
CONTRACTOR:							
CLIENT:							
TITLE:							
Plenum & Fan Ring Drawing							
PROJECT: 17187							
DRAWING NO.: VP-90-ME-9013-0029							
PROJECT NO: 30							
SCALE: NONE							
REV. NO.: 04							
SHEET: 2 OF: 4							
SIZE: A3							



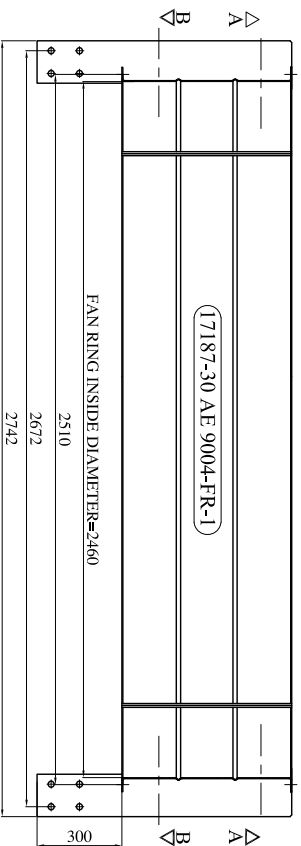


PART LIST FAN RING 17187-30 AE 9004					
NO	MATERIAL	DIM	QTY	U.WEIGHT	T.WEIGHT MARKING
1	A36	1950*700*3	2	32	64 17187-30 AE 9004 -FR-1
2	A36	1950*700*3	2	32	64 17187-30 AE 9004 -FR-2
3	A36	600*55*8	8	2	16 PLATE 3
4	A36	900*200*12	4	20	80 SUPPORT PLATE
5	A325	M 12*40	12		
TOTAL				220	

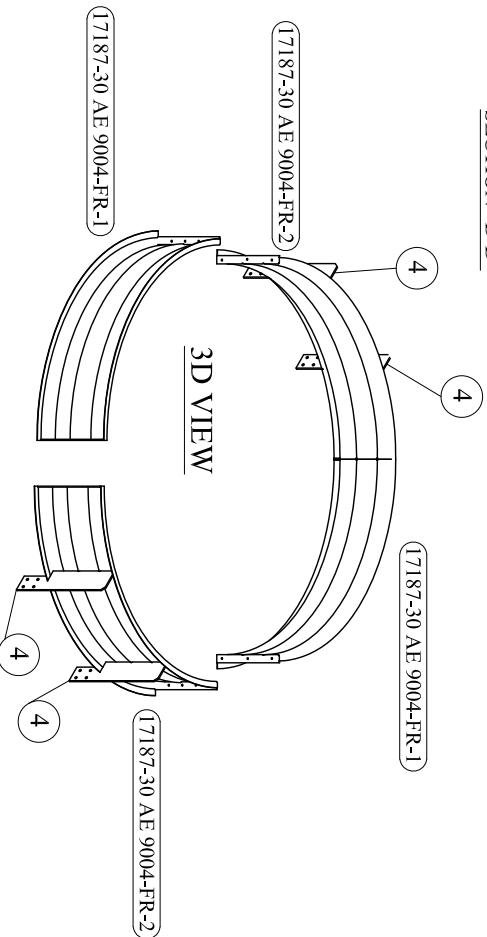


SECTION "A-A"

SECTION "B-B"



FAN RING VIEW



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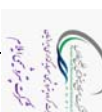
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PROJECT: ILAM SRP/SSU PLANT

VENDOR:	CONTRACTOR:	CLIENT:
ABAN AIR COOLER	NORAHAN Engineering & Contracting	ILAM SRP/SSU PLANT

TITLE: Plenum & Fan Ring Drawing 30-AE-9004

DRAWING NO.: VP-90-ME-9013-0029	SCALE: NONE	REV. NO.: 04	SHEET: 3 OF 4	SIZE: A3
PROJECT NO: 30				



PROJECT: 17187

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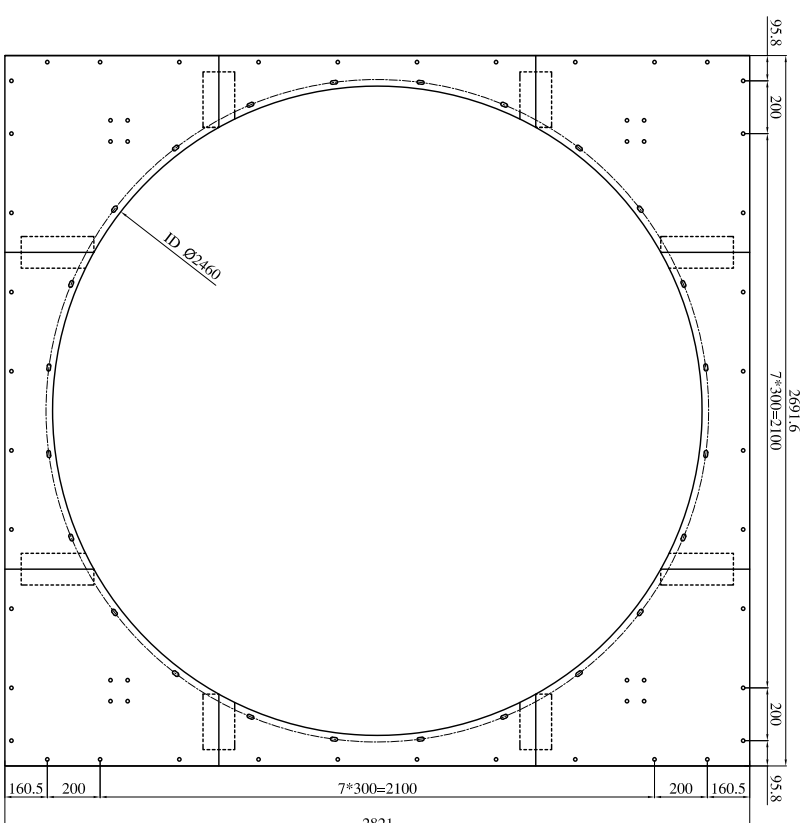
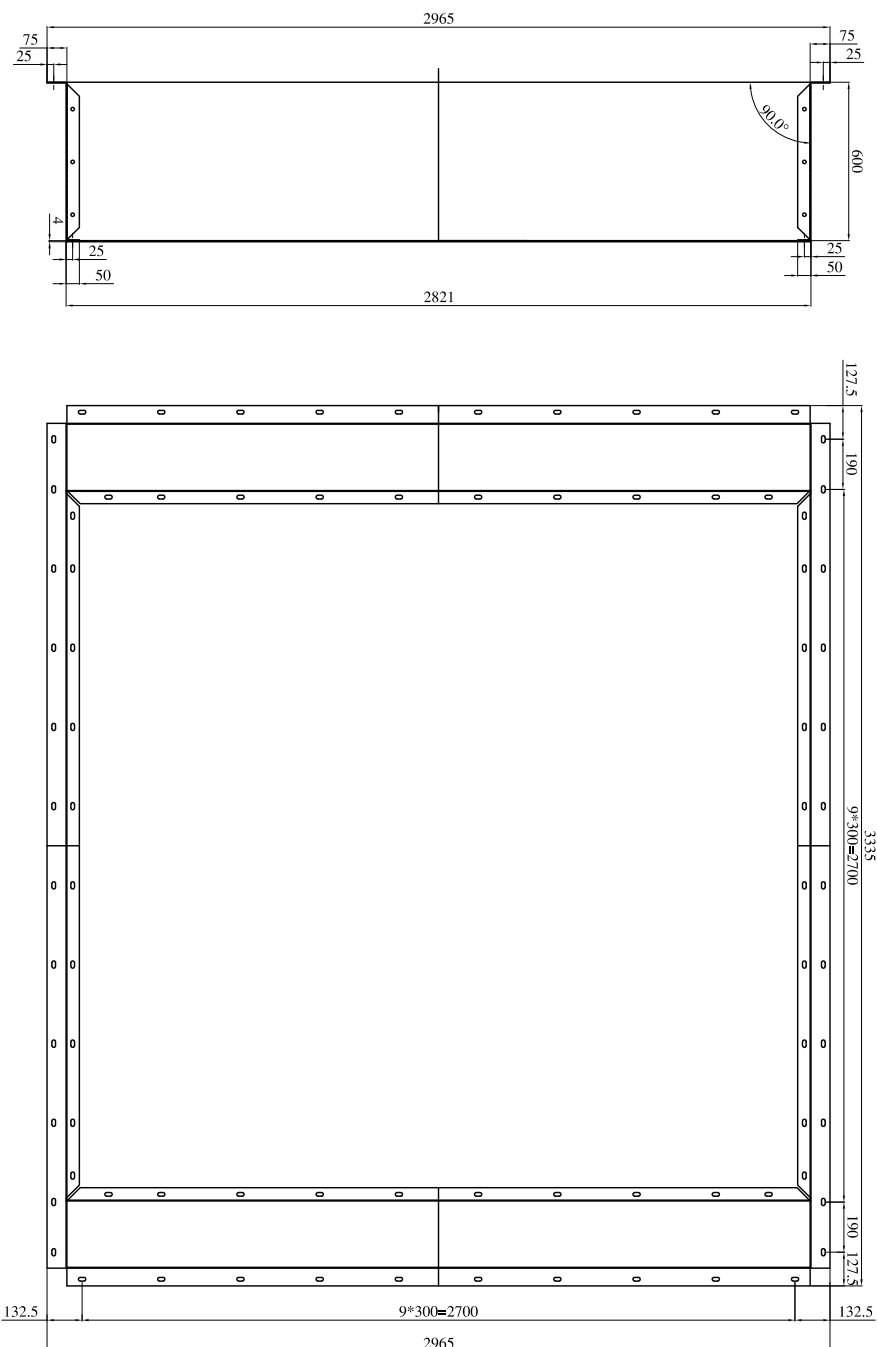
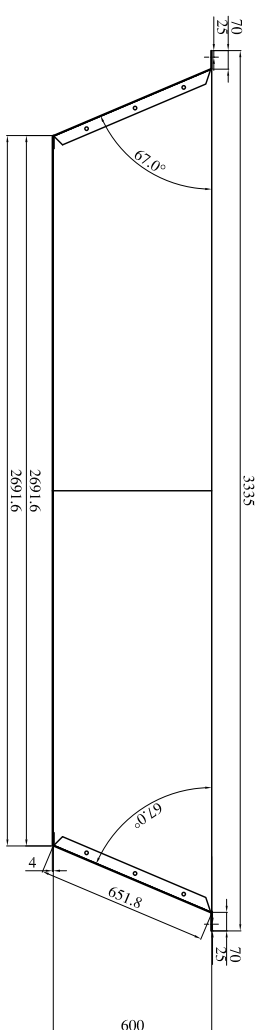
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PLENUM ASSEMBLY

DECK ASSEMBLY

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C	REVISED ISSUE	FR	Z.Zarei	Z.Zarei	F.Mohammadi	P.Karimizadeh	03 AUG 2021
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Rev.	DESCRIPTION	POI	DESIGNED	DRAWN	CHECKED	APPROVED	DATE

ILAM SRP/SSU PLANT

VENDOR:	CONTRACTOR:	CLIENT:
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VENDOR:	 AAC	CLIENT:	 وزارت تعلیم و تحقیقات حکومت پنجاب
ABAN AIR COOLER	 NORAHAN	CONTRACTOR:	Engineering & Contracting

Plenum & Fan Ring Drawing 30-AE-9004

DRAWING NO.:	VP-90-ME-9013-0029
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PROJECT NO: 30	SCALE: NONE	REV. NO.: 04	SHEET: 4 OF: 4	SIZE: A3
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