







Project No.: 17182		<b>MATERIAL REQUISITION</b>	 <b>ABAN AIR-COOLER CO.</b>
Req. No.: 1600/1			
Rev. No.: 03			
Preliminary		Code No.: QF-TE-02	ENGINEERING DEPARTMENT
Final		Date & Rev.: 1393/09/10 - 4	ERP : 129658
			SRD : 20.May.2021
			PAGE 1 OF 5




## MATERIAL REQUISITION FOR PLENUM & FAN RING

03	05.05.2021	ISSUE FOR PROCUREMENT	Z. Zarei	F. Mohammadi	P. Karimizadeh
02	11.04.2021	ISSUE FOR PROCUREMENT	Z. Zarei	F. Mohammadi	P. Karimizadeh
01	08.04.2021	ISSUE FOR PROCUREMENT	Z. Zarei	F. Mohammadi	P. Karimizadeh
0	14.02.2021	ISSUE FOR PROCUREMENT	M.FIROOZI	F. Mohammadi	P.Karimizadeh
Rev.	Date	Description	Prepared	Checked	Approved

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			PAGE 2 OF 5




### TABULATION OF REVISED PAGE

Page	Revisions							Remarks	Page	Revisions							Remarks
	0	1	2	3	4	5	6			0	1	2	3	4	5	6	
1	x	x	x	x					35								
2	x	x	x	x					36								
3	x								37								
4	x								38								
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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	AC -10101	4	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	32	Total Weight = 35968 Kg
2	FAN RING	A36	32	Total Weight = 13952 Kg

#### 7- SPARE PARTS

N/A



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

If any, shall be mentioned by vendor

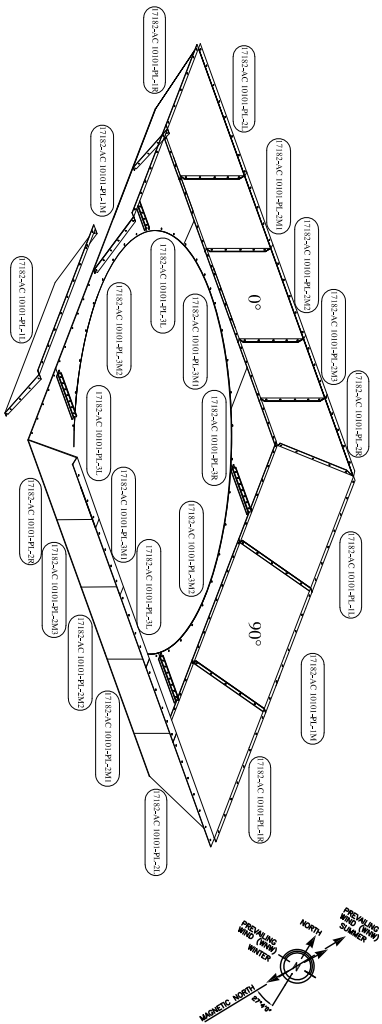
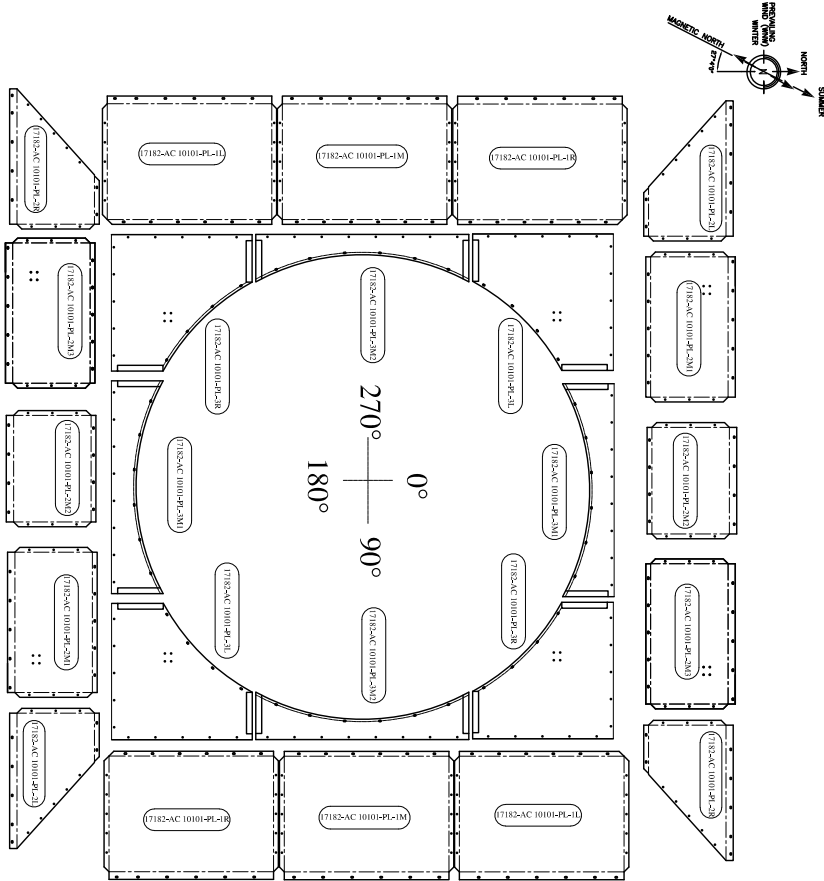
#### 9- TECHNICAL NOTES

N/A

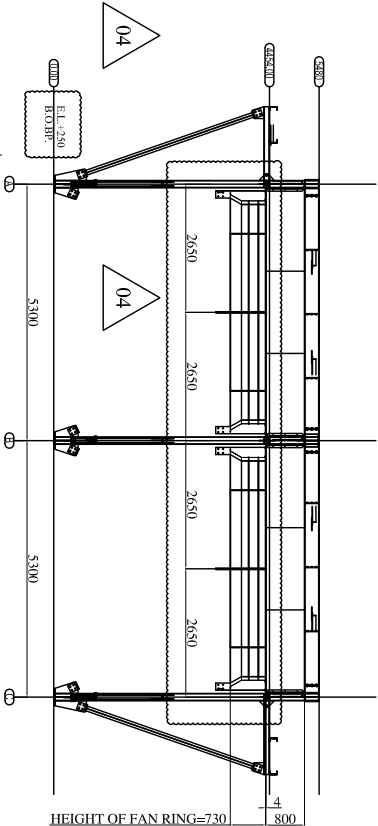
#### 10- ATTACHMENTS

DOCUMENT	REVISION	NO. OF SHEETS
286-101-ME-DW-020	04	4

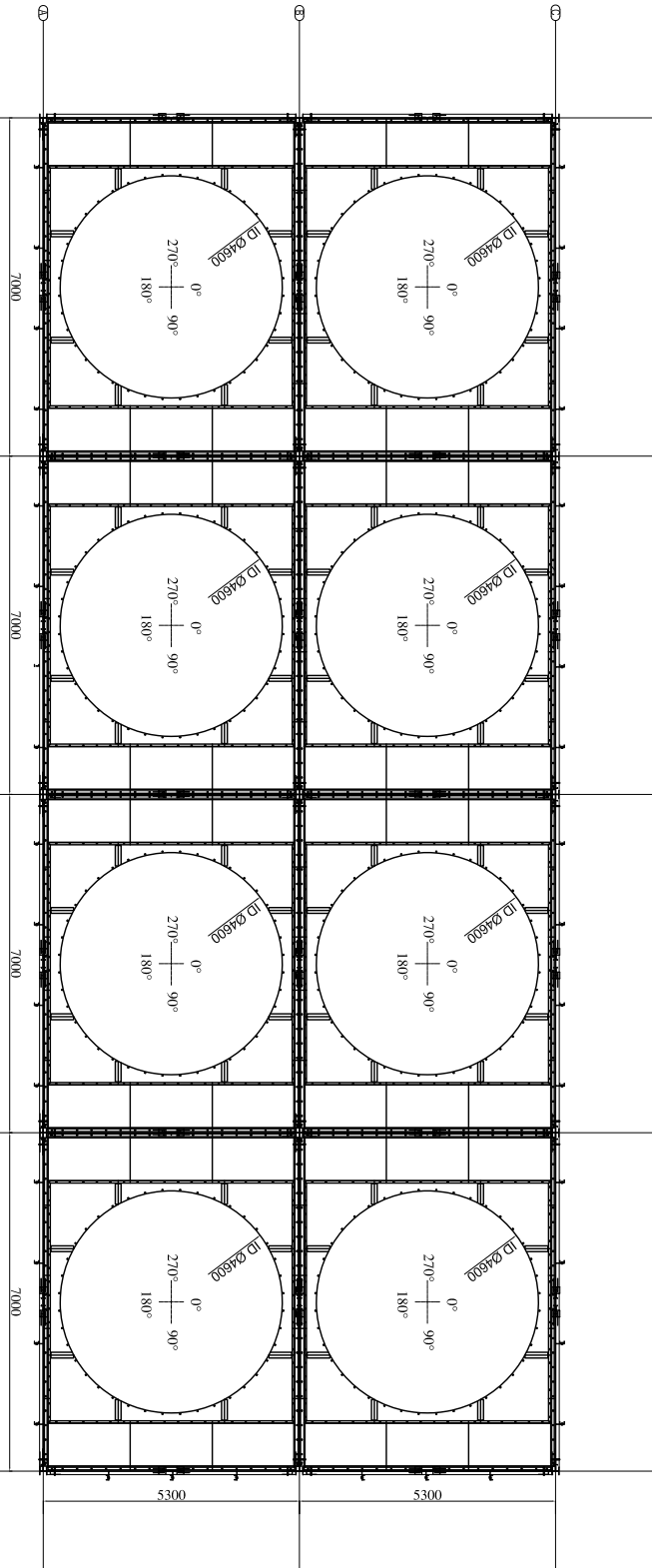




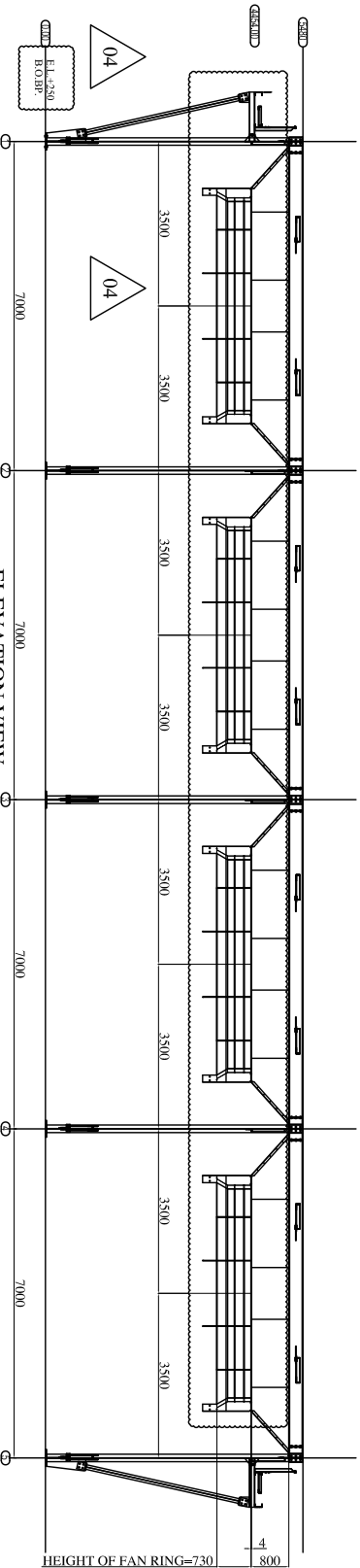
3D VIEW



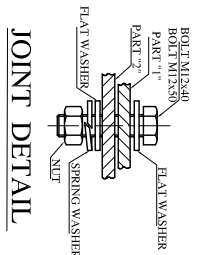
SIDE VIEW  
SCALE 1:2



PLAN VIEW  
SCALE 1:2



ELEVATION VIEW  
SCALE 1:2



JOINT DETAIL

REFERENCE DRAWINGS

TITLE	DWG. No.
General Arrangement Drawing	286-101-ME-DW-014
Steel Structure Ladder, Platform & Grating Drawing	286-101-ME-DW-016
Fan & Motor Support	286-101-ME-DW-019
Fan Data Sheets	286-101-ME-DS-002

- ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED .
- MARKING : 17182-AC 10101-PL-PART NO.
- SURFACE PROTECTION : HOT DIP GALVANIZED ACCORDING TO ASTM A123 & A153 OR DIN 267 PAINTING ACCORDING TO 286-101-ME-PR-037 BOLT ARE M12x40 BOLTING : DIN EN ISO 4017/ DIN EN ISO 4032
- TWO FLAT WASHER : DIN 125
- TOTAL REQUIRED QUANTITY FOR M12\*40= 320(SETS/UNIT)
- QUANTITY : 8\*4=32

REV.	DATE	DESCRIPTION	DESC.	CHKD.	APPR.	PRJ. MGR.
04	05.05.2021	AS BUILT NOT SEND	Z.Z	F.M	P.K	
03	11.04.2021	AS BUILT NOT SEND	M.F	Z.Z	P.K	
02	07.04.2021	AS BUILT NOT SEND	Z.Z	M.F	P.K	
01	06.04.2021	Issue For Information	F.M	Z.Z	P.K	
00	02.03.2021	Issue For Information	M.F	F.H	P.K	

MC: CLIENT:

FSEC  
FARAYAND SAZAN ENERGY  
ENGINEERING CO.

IG.E.D.C  
IRANIAN GAS ENG. &  
DEVELOPMENT CO.

HIRGAN ENERGY ENGINEERING  
CO.

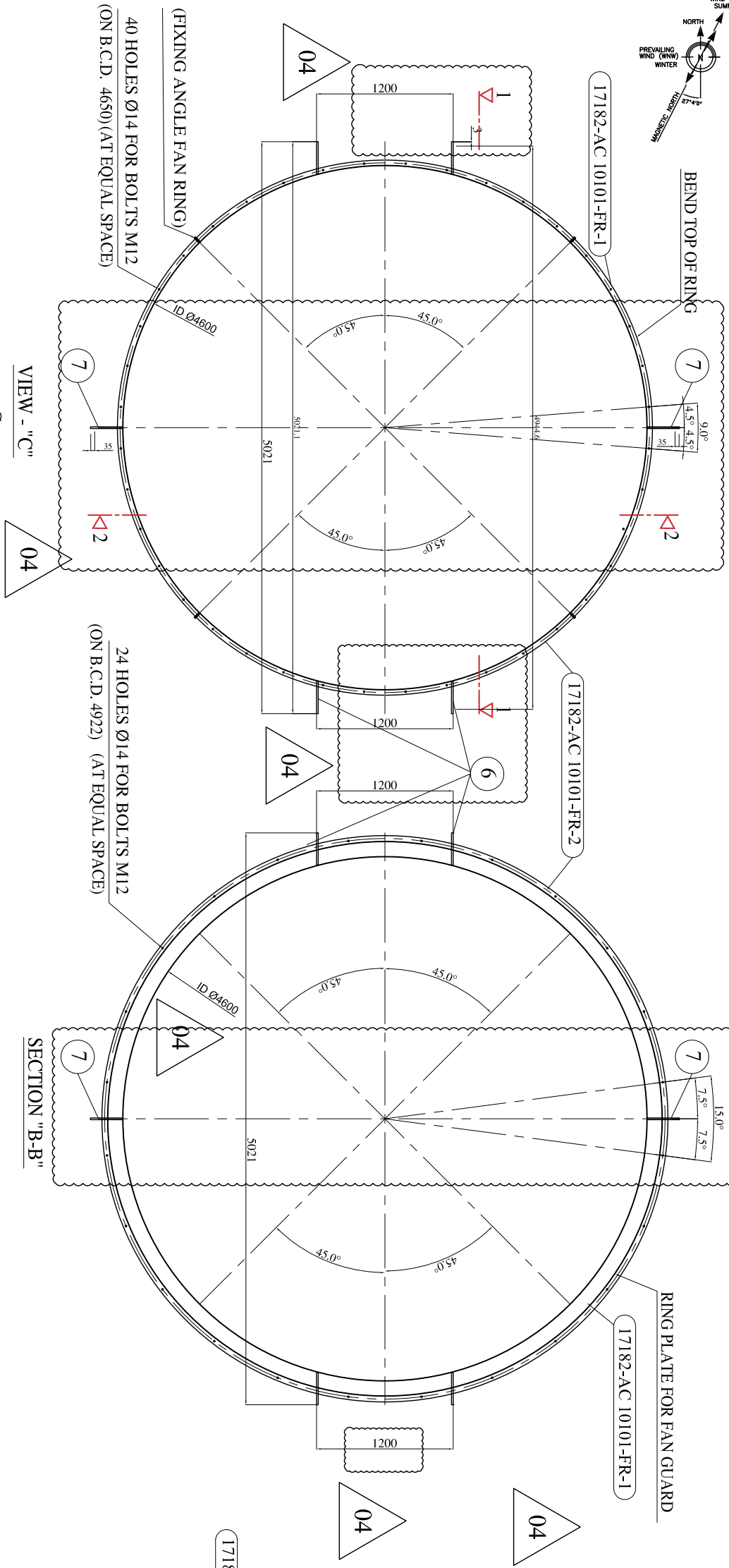
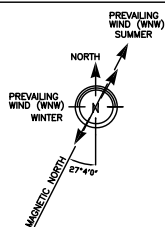
DESIGN & INSPECTION  
CO.

PROJECT: NORABAD GAS COMPRESSOR STATION  
PROJECT ON IGAT X  
(CONTRACT NO. 01/791107)

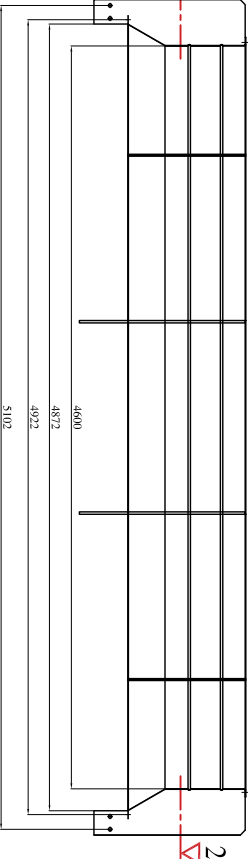
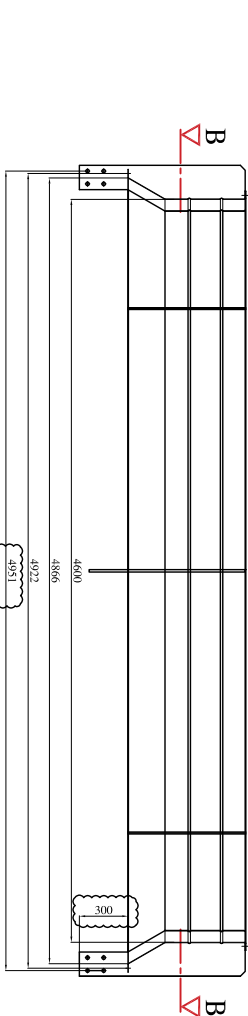
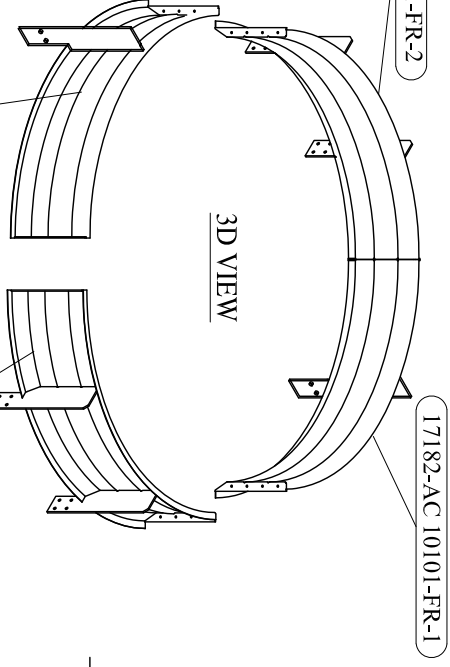
DRAWING TITLE: Plenum & Fan Ring AC-10101A/B/C-D

DRAWN	SIZE	SHEET	SCALE	DRAWING NO.	REV.
*****	A3	1 OF 4	NONE	286-101-ME-DW-020	04





PART LIST FOR ONE UNIT						
NO.	DIMENSION (mm)	MATERIAL	QTY.	WEIGHT (Kg)	TOTAL WEIGHT (Kg)	MARKING
1	3600x420x3	A36	2	36	72	17182-AC 10101-FR-1
2	3600x420x3	A36	2	36	72	17182-AC 10101-FR-2
3	3815x115x3	A36	4	10	40	--
4	3854x50x5	A36	4	8	32	--
5	600x55x8	A36	8	2	16	--
6	1030x283x15	A36	4	34	136	--
7	1030x283x15	A36	2	34	68	--
8	M12x40	A325	24 (Sets)	BOLT /NUT /2 F.WASHER /S.WASHER		
TOTAL WEIGHT FOR ONE UNIT (Kg) :					436	



SEC 1-1

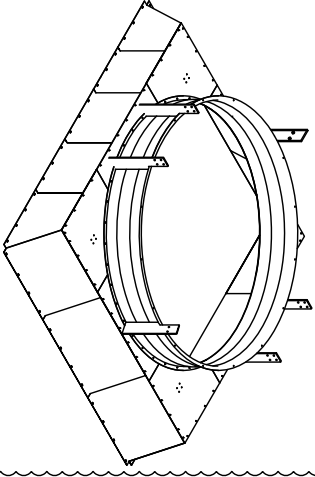
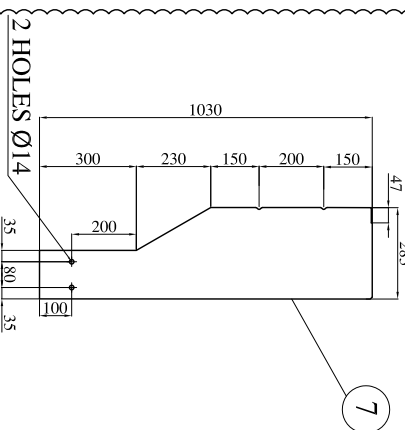
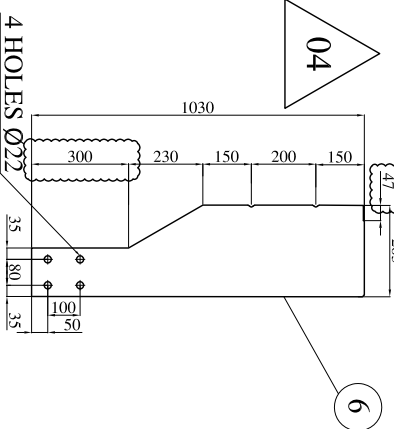
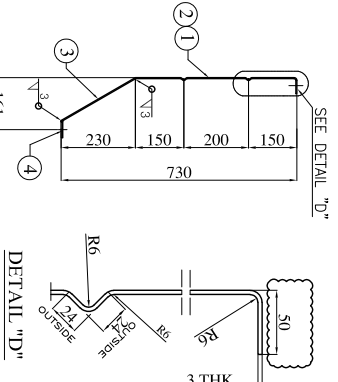
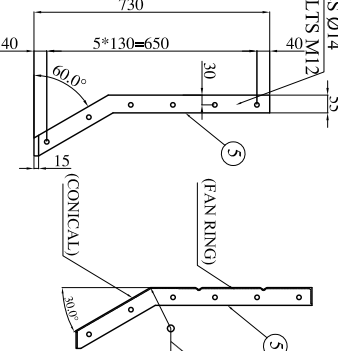
SEC 2-2

SCALE 2:1

SCALE 2:1

SCALE 2:1

SCALE 2:1





(THK=8)  
(QTY=8)

(QTY = 4)  
(THK = 15)

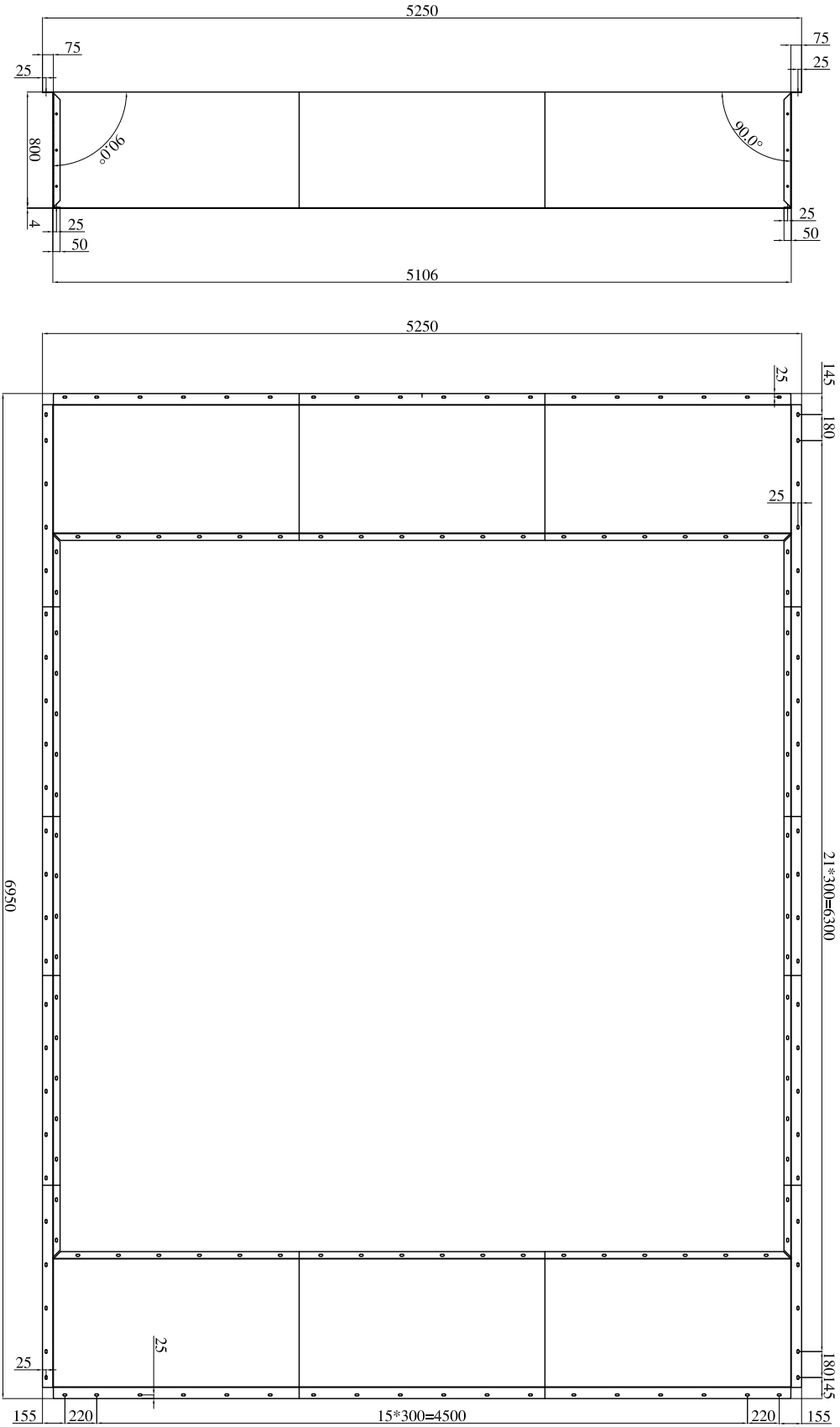
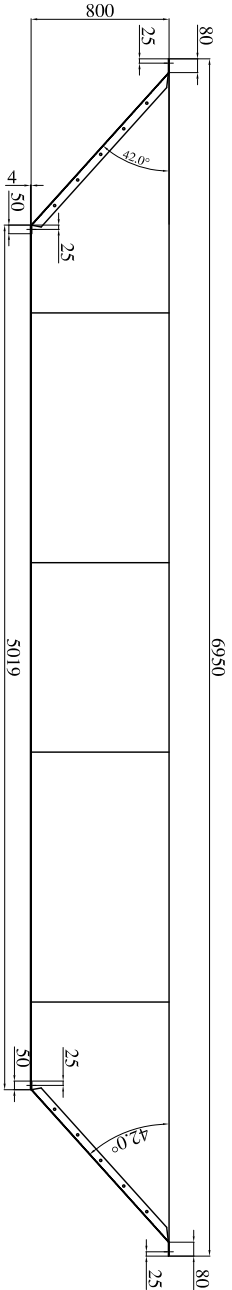
(QTY = 2)  
(THK = 15)

SUPPORT PLATE DETAIL  
(FOR MOTOR SUPPORT)

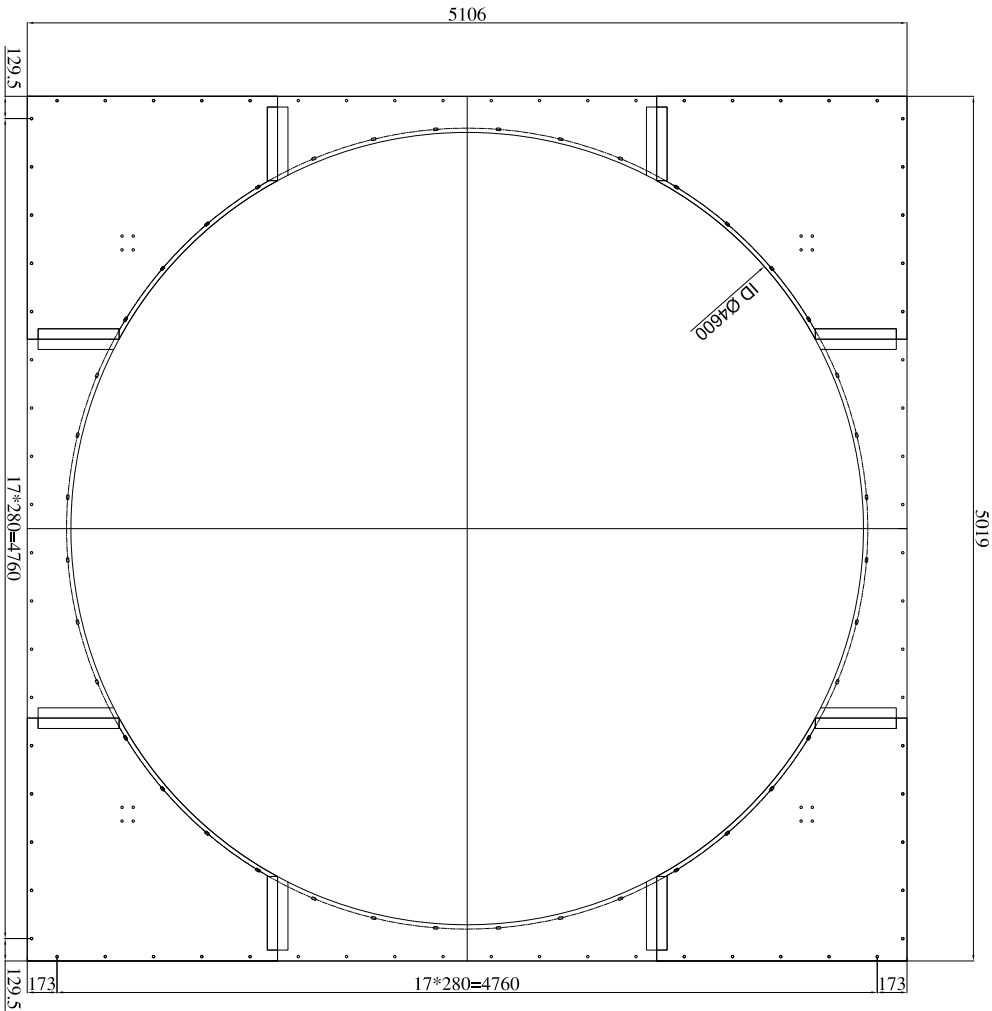
3D VIEW  
PLENUM&FAN RING

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04	05.05.2021	AS BUILT NOT SEND	Z.Z.	F.M.	P.K.	
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02	07.04.2021	AS BUILT NOT SEND	Z.Z.	M.F.	P.K.	
01	06.04.2021	Issue For Information	F.M.	Z.Z.	P.K.	
00	02.03.2021	Issue For Information	M.F.	F.H.	P.K.	
MC:  CLIENT: 						
JOINT VENTURE OF: FARAVAND SAZAN ENERGY ENGINEERING CO. HIRGAN ENERGY ENGINEERING CO.						
PROJECT: NORABAD GAS COMPRESSOR STATION PROJECT ON IGAT X (CONTRACT NO.: 01/791107)						
DRAWING TITLE: Plenum & Fan Ring AC-10101A/B/C-D						
DRAWN	SIZE	SHEET	SCALE	DRAWING NO.		REV.
*****	A3	3 OF 4	NONE	286-101-ME-DW-020		04





PLENUM ASSEMBLY



DECK ASSEMBLY

04	05.05.2021	AS BUILT NOT SEND	Z.Z	F.M	P.K				
03	11.04.2021	AS BUILT NOT SEND	M.F	Z.Z	P.K				
02	07.04.2021	AS BUILT NOT SEND	Z.Z	M.F	P.K				
01	06.04.2021	Issue For Information	F.M	Z.Z	P.K				
00	02.03.2021	Issue For Information	M.F	F.H	P.K				
REV.	DATE	DESCRIPTION	DESG.	CHKD.	APPR.	PRJ.	MGR		

MC:

CLIENT:



FSEC  
FARAVAND SAZAN ENERGY  
ENGINEERING CO.



IG.E.D.C  
IRANIAN GAS ENG. &  
DEVELOPMENT CO.



JOINT VENTURE OF:  
HIRGAN ENERGY ENGINEERING  
CO.



DESIGN & INSPECTION  
CO.

PROJECT: NORABAD GAS COMPRESSOR STATION  
PROJECT ON IGAT X  
(CONTRACT NO.: 01/791107)

DRAWING TITLE: Plenum & Fan Ring AC-10101A/B/C-D

DRAWN	SIZE	SHEET	SCALE	DRAWING NO.	REV.
*****	A3	4 OF 4	NONE	286-101-ME-DW-020	04