



Project No.: 17195		MATERIAL REQUISITION	 ABAN AIR-COOLER CO.
Req. No.: 1600/1			
Rev. No.: 01			
Preliminary	<input type="radio"/>	Code No.: QF-TE-02	ENGINEERING DEPARTMENT
			ERP : 146827
Final	<input checked="" type="radio"/>	Date & Rev.: 1393/09/10 - 4	SRD : 1.Oct.2022
			PAGE 1 OF 5

MATERIAL REQUISITION FOR PLENUM & FAN RING

1	24.Oct.2022	ISSUE FOR PROCUREMENT	A.Shaterpour	F.Mohammadi	P.Karimizadeh
0	28.Sep.2022	ISSUE FOR PROCUREMENT	A.Shaterpour	F.Mohammadi	P.Karimizadeh
Rev.	Date	Description	Prepared	Checked	Approved

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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							35								
2	x	x							36								
3	x								37								
4	x								38								
5	x	x							39								
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Project No.: 17195		MATERIAL REQUISITION	 AAC ABAN AIR-COOLER CO.
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Rev. No.: 01			
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			ERP : 146827
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			PAGE 4 OF 5

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	AE-1701	1	PLENUM AND FAN RING	SHIRAZ

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 = 808 Kg
2	FAN RING	A36	2	Total Weight = 460 Kg

7- SPARE PARTS

N/A

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

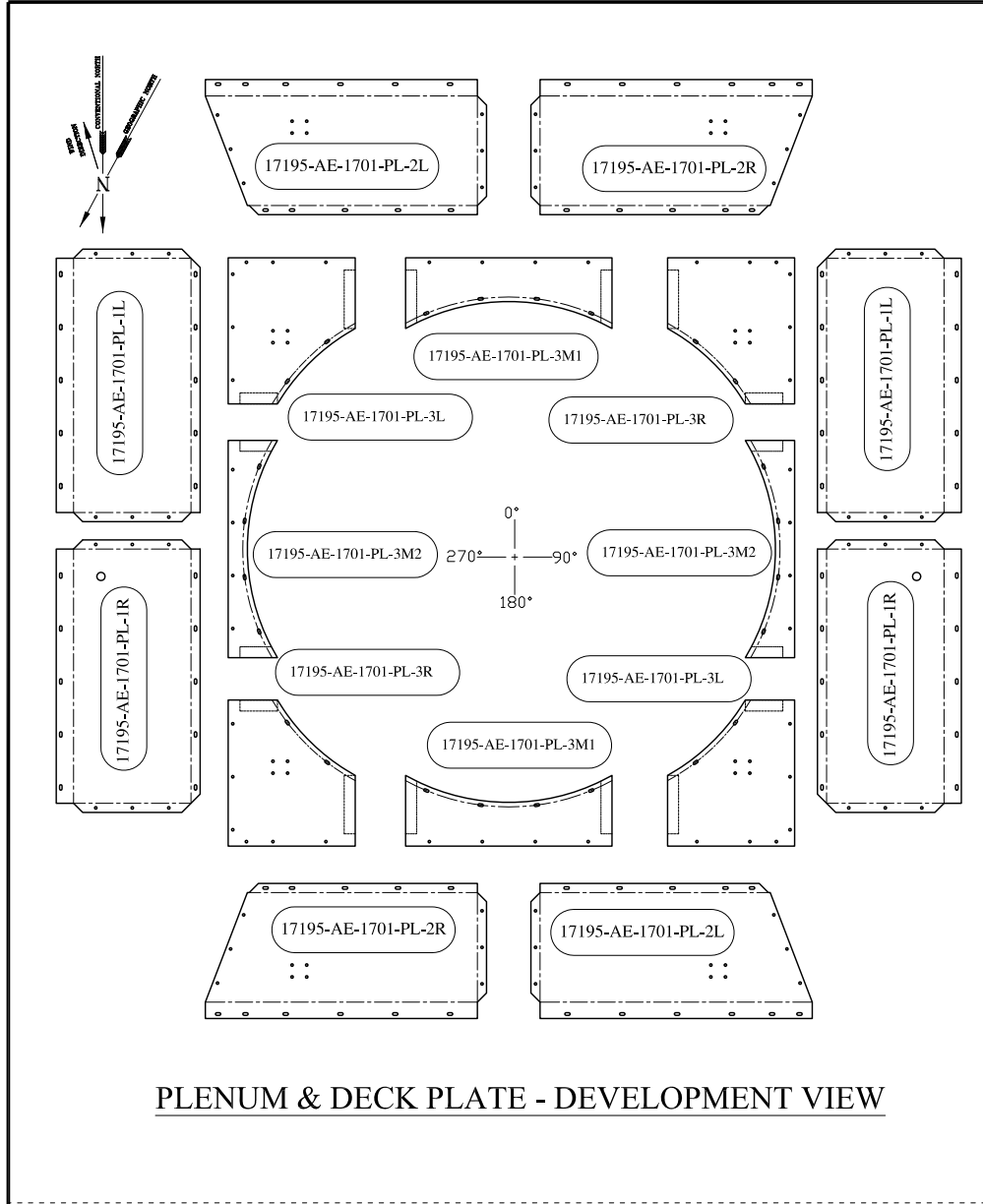
If any, shall be mentioned by vendor

9- TECHNICAL NOTES

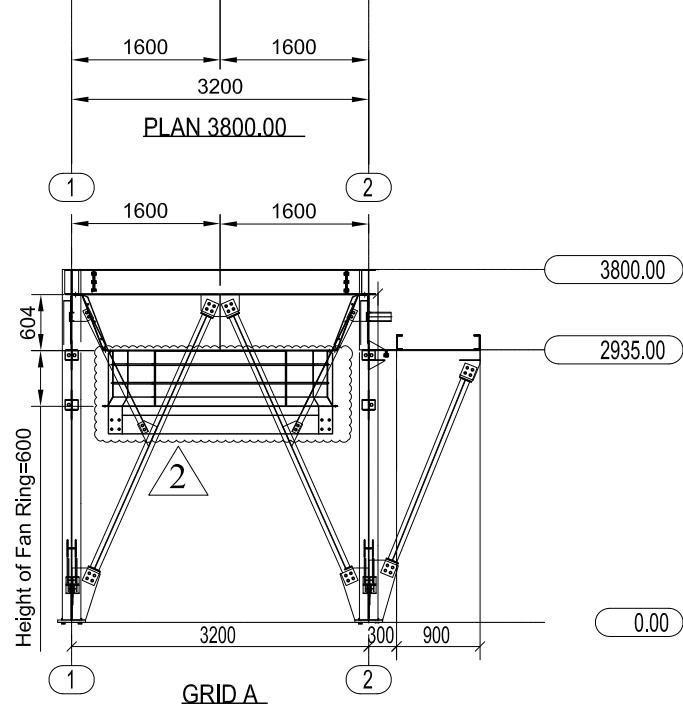
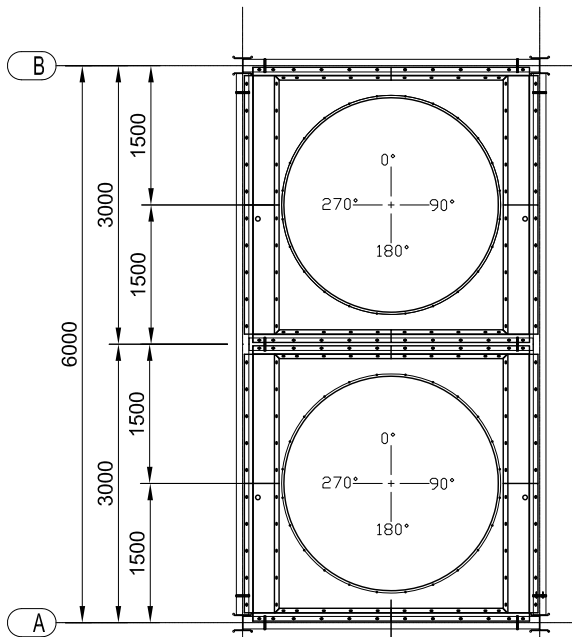
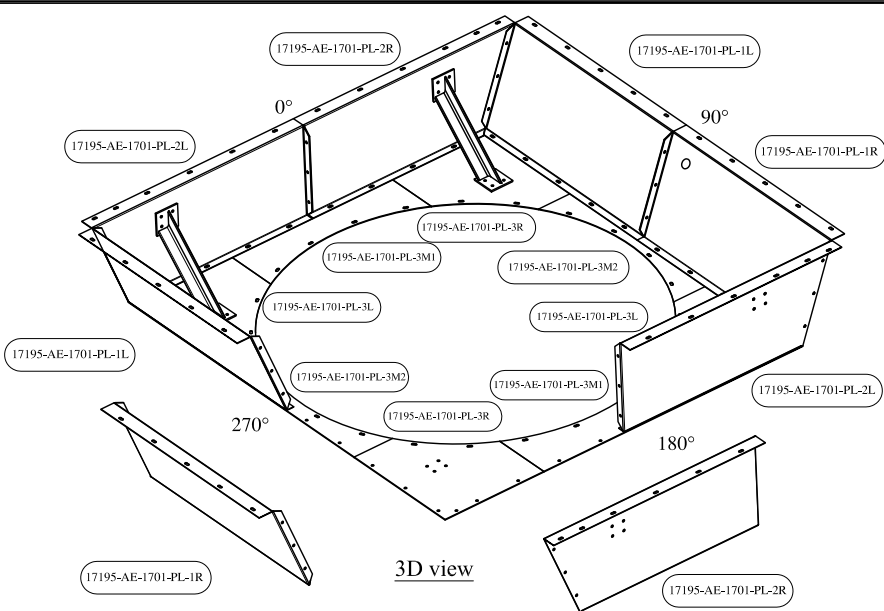
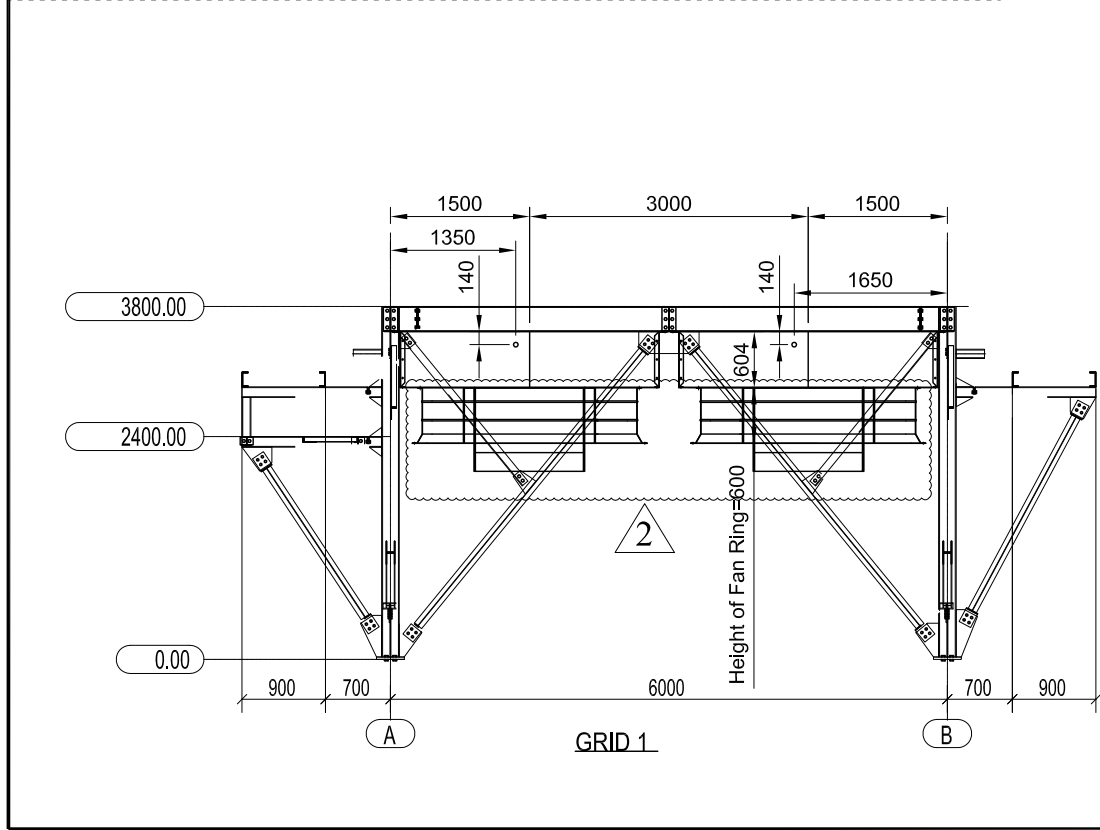
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10- ATTACHMENTS

DOCUMENT	REVISION	NO. OF SHEETS
SDHT-TG0014-ME-VDWG-AE1701-006	2	4



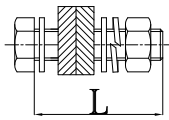
PLENUM & DECK PLATE - DEVELOPMENT VIEW



REFERENCE DRAWINGS


TITLE	DWG. No.
General Arrangement Drawing AE-1701	SDHT-TG0014-ME-VDWG-AE1701-002
Steel Structure Drawing AE-1701	SDHT-TG0014-ME-VDWG-AE1701-004
Fan Data Sheets AE-1701	SDHT-TG0014-ME-VDS-AE1701-002
Fan & Motor Support Drawing AE-1701	SDHT-TG0014-ME-VDWG-AE1701-005
General arrangement for water spray nozzle For Air Cooler Unit 1700	SDHT-TG0014-ME-VDWG-0405-015





- ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED .
- MARKING : 17195-AE-1701-PL-PART NO.
- SURFACE PROTECTION ACCORDING TO :
SDHT-TG0014-ME-VPRC-0405-011
- BOLTS ARE M12x40
BOLTING : DIN EN ISO 4017/ DIN EN ISO 4032
- TWO FLAT WASHER : DIN 125
TOTAL REQUIRED QUANTITY FOR M12*40= 160 (SET / UNIT)
M 12*50=44 (SET / UNIT)
- QUANTITY : 2 No.
- PAY ATTENTION TO THE PLAN VIEW FOR INSTALL THE PLENUM
- ALL BOLTS WHICH FASTEN PLENUM TO THE STRUCTURE
SHALL BE M12*50

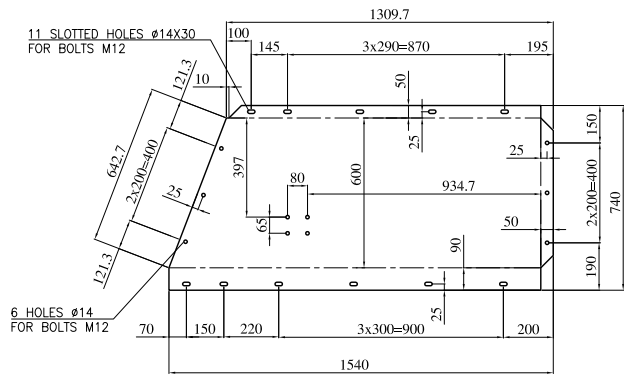


NOTE:

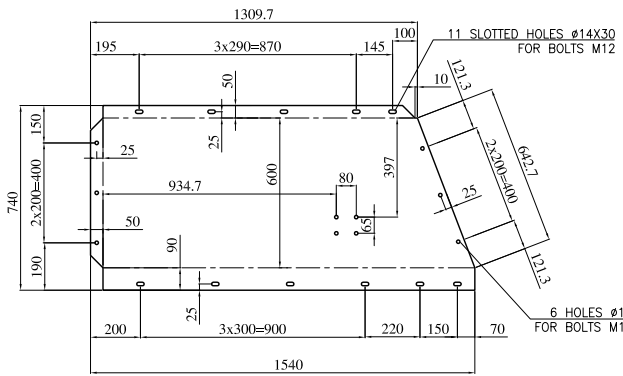
FOR ALL ITEMS:
ALL BOLTS SHOULD BE FASTENED WITH
ONE NUT AND TWO FLAT WASHER AND ONE SPRING WASHER

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
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EL	PR
IN	SF
ME	HV
MA	TC

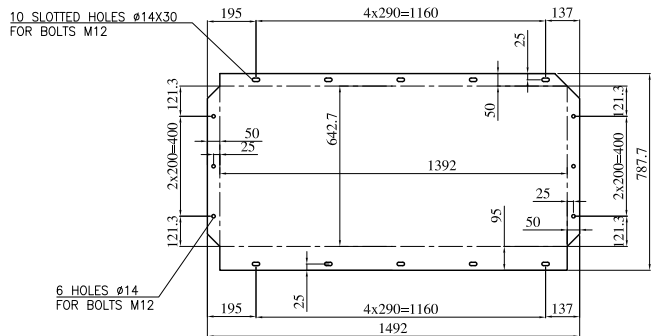
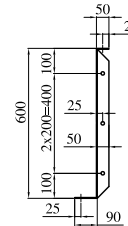
02	24.Oct.22	APPROVED FOR CONSTRUCTION	A.Shaterpour	A.Shaterpour	P.Karimizadeh
01	04.Oct.22	ISSUED FOR INFORMATION	A.Shaterpour	M.R.Sh	P.Karimizadeh
00	24.Apr.22	ISSUED FOR INFORMATION	A.Shaterpour	Z.Zarei	P.Karimizadeh
REV.	DATE	DESCRIPTION	PREP.	CHK.	APP.
<div><div>DISTILLATE HYDROTREATING PROJECT SHIRAZ OIL REFINERY</div><div><div>هیرسکوآن HIRSCOAN</div></div></div>					
<div><div>Oil Design & Construction Co.</div></div>			<div><div>AAC 17195</div></div>		
DRAWING TITLE: Plenum & Fan Ring Drawing AE-1701					
PREP.:		CHECK:		APPR.:	
CONT. JOB No.:			CONT. DWG. No.:		
DOCUMENT No.:					SC.: NONE
SDHT-TG0014-ME-VDWG-AE1701-006					SIZE: A3
PROJ.	P.O NO.	DISC.	DOC TYPE	TAG NO.	SHEET NO.:
SDHT	TG0014	ME	VDWG	AE1701	006
1 OF 4					4



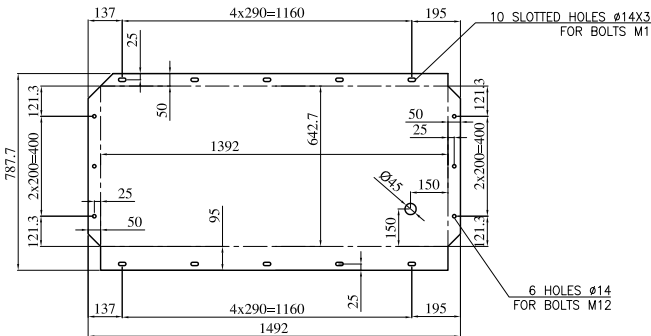
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(QTY = 2)



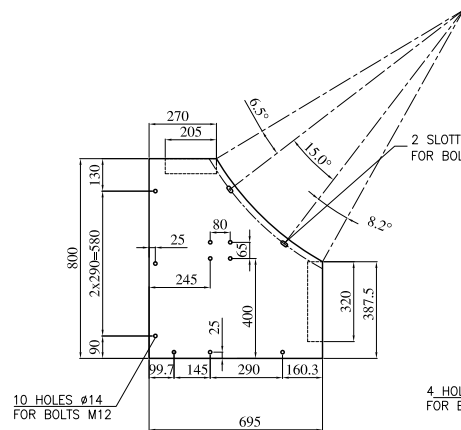
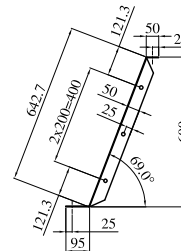
17195-AE-1701-PL-2L (THK = 3)
(QTY = 2)



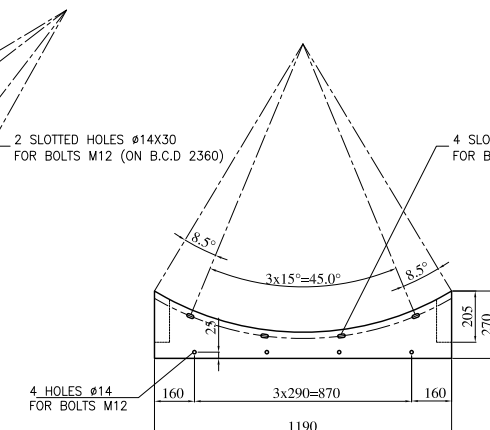
17195-AE-1701-PL-1L (THK = 3)
(QTY = 1&1 MIRROR)



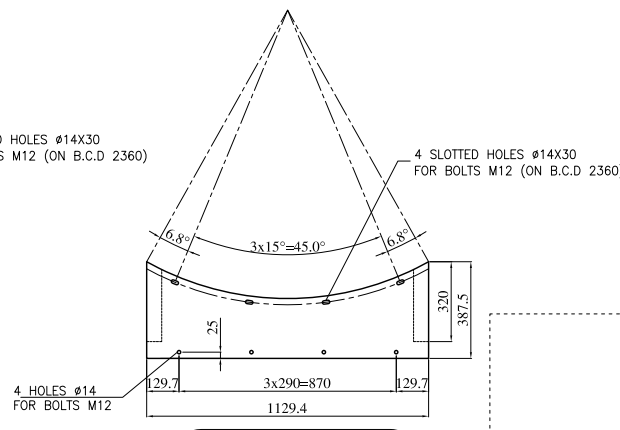
17195-AE-1701-PL-1R (THK = 3)
(QTY = 1&1 MIRROR)



17195-AE-1701-PL-3R (AAC. TO VIEW SHOWN)



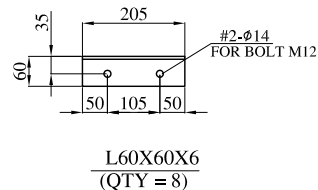
17195-AE-1701-PL-3M2 (THK = 4)
(QTY = 1&1 mirror)



17195-AE-1701-PL-3M1 (THK = 4)
(QTY = 1&1 mirror)

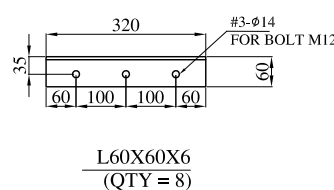
17195-AE-1701-PL-3L (AAC. TO MIRRORRED VIEW)
(THK = 4)
(QTY = 2&2 mirror)

6



SC 2:1

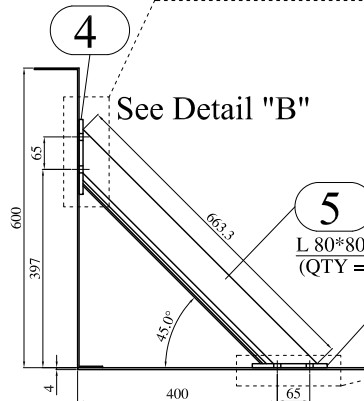
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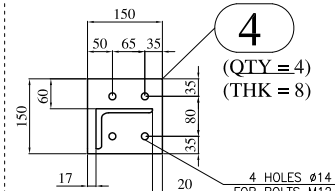
4

(QTY = 4)
(THK = 8)

Detail "B"



5
L 80*80*8
(QTY = 4)




Detail "A"





SC 2:1

4

(QTY = 4)
(THK = 8)

PART LIST FOR ONE UNIT PLENUM 17195-AE-1701						
NO	DIMENSION	MATERIAL	QTY	U.WEIGHT	T.WEIGHT	MARKING
1L	1492x787.7x3	A36	1&1 MIRROR	28	56	17195-AE-1701-PL-1L
1R	1492x787.7x3	A36	1&1 MIRROR	28	56	17195-AE-1701-PL-1R
2L	1540x740x3	A36	2	27	54	17195-AE-1701-PL-2L
2R	1540x740x3	A36	2	27	54	17195-AE-1701-PL-2R
3L	800x695x4	A36	1&1 MIRROR	17.5	35	17195-AE-1701-PL-3L
3R	800x695x4	A36	1&1 MIRROR	17.5	35	17195-AE-1701-PL-3R
3M1	1129.4x387.4x4	A37	1&1 MIRROR	14	28	17195-AE-1701-PL-3M1
3M2	1190x269.8x4	A38	1&1 MIRROR	10	20	17195-AE-1701-PL-3M2
4	150x150x8	A36	8	2	16	17195-AE-1701-PL-4
5	L80x80x8-L663.3	A36	4	6.5	26	
6	L60*60*6-L 205	A36	8	1	8	
7	L60*60*6-L 320	A36	8	2	16	
12	M12*50	A325	44			
13	M12*40	A325	140			
				T.WEIGHT(kg)	404	

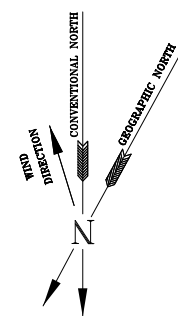
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<div> Oil Design & Construction Co.</div>					
DATE :					
DEPT:					
Signature :					
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CV	PI	EL	IN	ME	MA
ST	MC	PR	SF	HV	TC

02	24.Oct.22	APPROVED FOR CONSTRUCTION	A.Shaterpour	A.Shaterpour	P.Karimizadeh
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REV.	DATE	DESCRIPTION	PREP.	CHK.	APP.
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<div><div></div><div><div>Oil Design & Construction Co.</div></div></div>			<div><div></div></div>		
DRAWING TITLE:					
Plenum & Fan Ring Drawing AE-1701					
PREP.:		CHECK:		APPR.:	
CONT. JOB No.:			CONT. DWG. No.:		
DOCUMENT No.:					SC.: NONE
SDHT-TG0014-ME-VDWG-AE1701-006					SIZE: A3
PROJ.	P.O NO.	DISC.	DOC TYPE	TAG NO.	SERIAL NO.
SDHT	TG0014	ME	VDWG	AE1701	006
REV.	SHEET NO.:				
02	2 OF 4				

FILE REF. ADDRESS:

P.O.I: IFA





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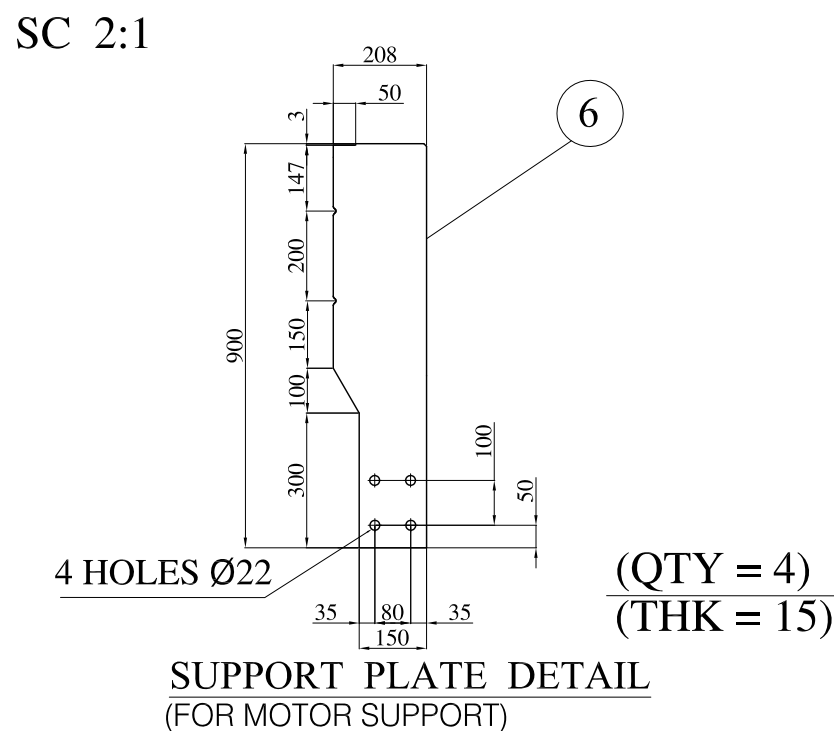
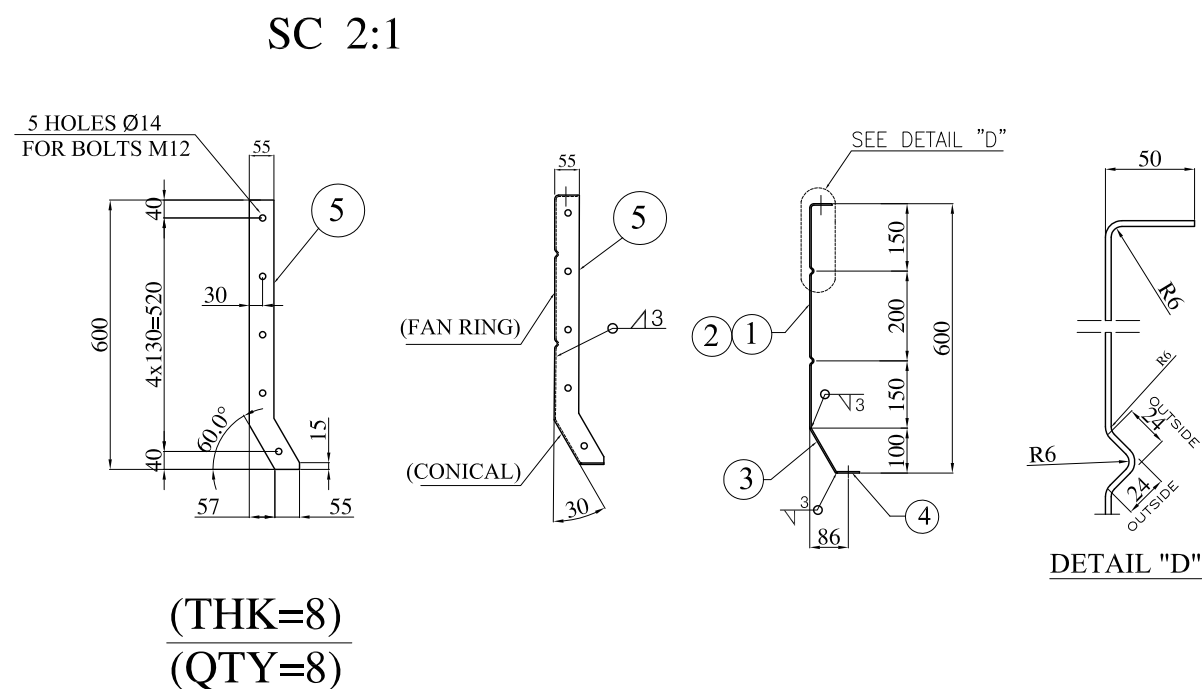


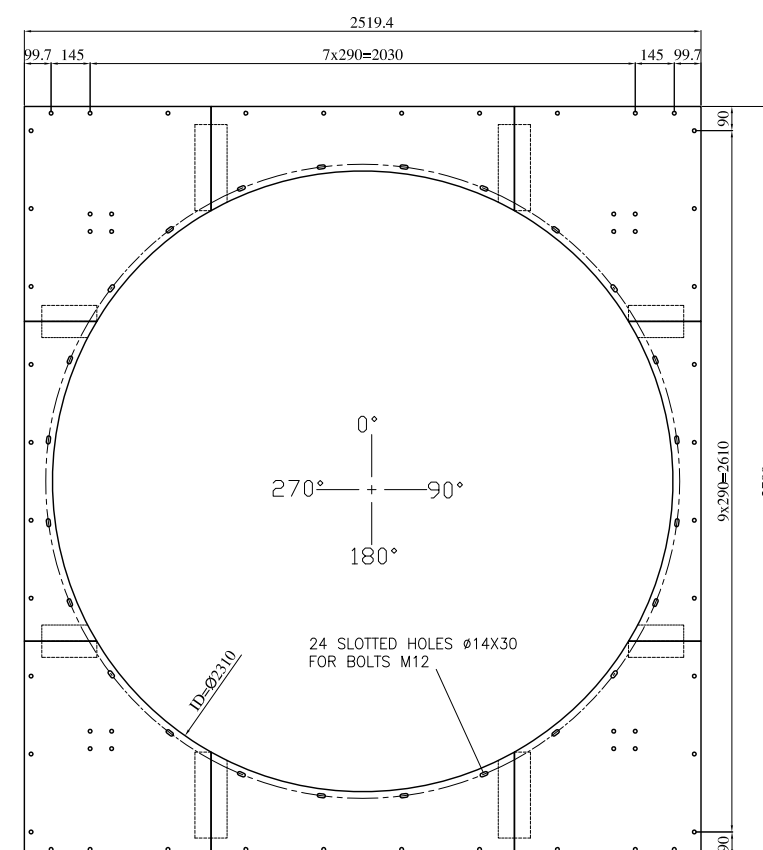
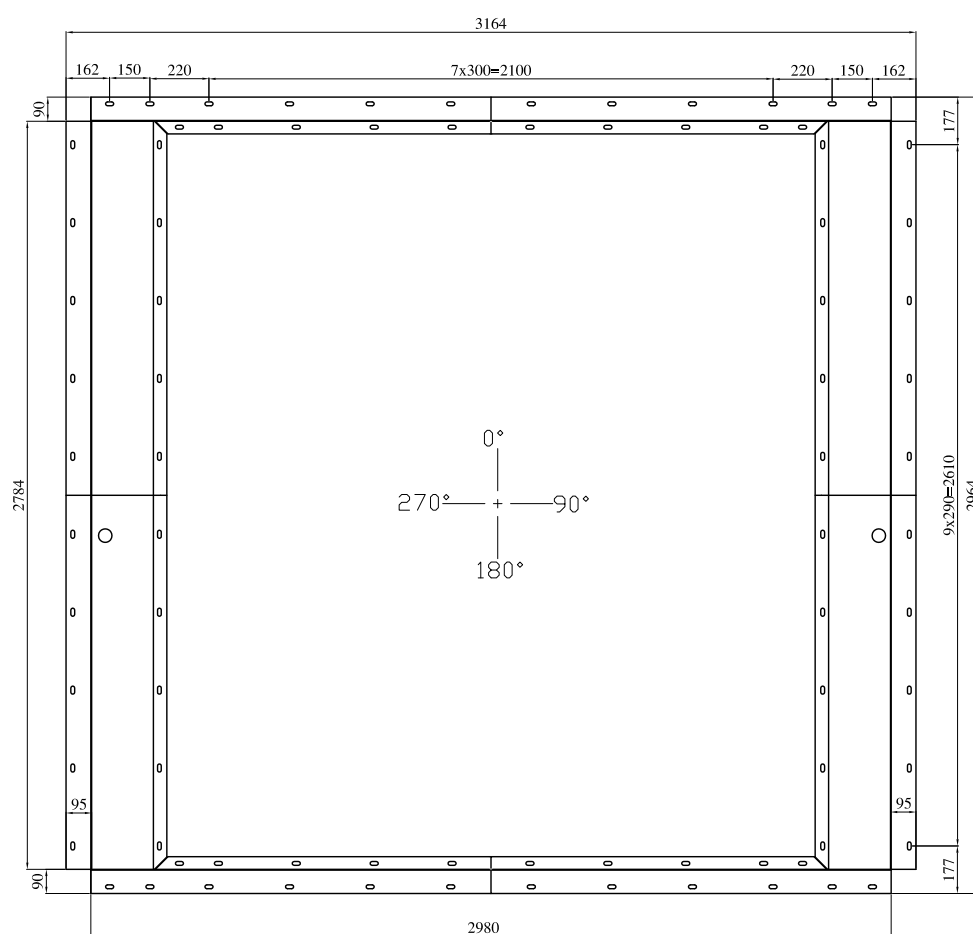
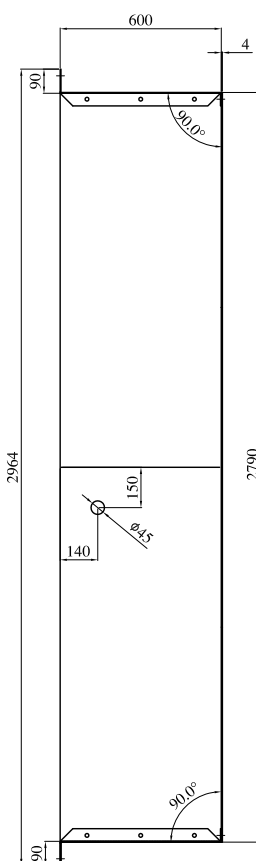
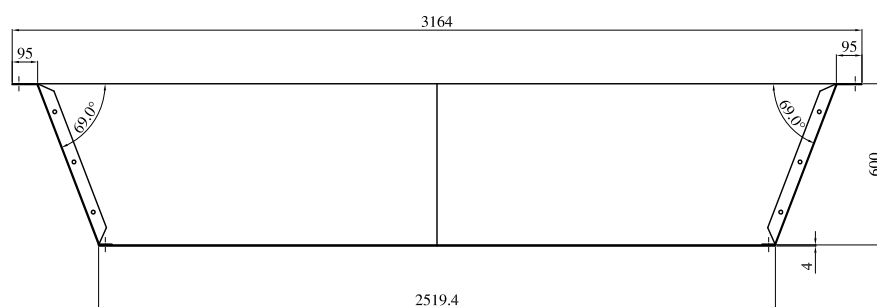
3D VIEW

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Code2	<input type="checkbox"/> Approved as noted (Vendor to amend Approval status.)
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 Oil Design & Construction Co.					 17195		
DRAWING TITLE:							
Plenum & Fan Ring Drawing AE-1701							
PREP.:			CHECK:		APPR.:		
CONT. JOB No.:				CONT. DWG. No.:			
DOCUMENT No.:						SC.: NONE	
SDHT-TG0014-ME-VDWG-AE1701-006						SIZE: A3	
PROJ.	P.O NO.	DISC.	DOC TYPE	TAG NO.	SERIAL NO.	REV.:	SHEET NO.:
SDHT	TG0014	ME	VDWG	AE1701	006	02	3 of 4





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 <p>Oil Design & Construction Co.</p>	DATE :
	DEPT:
	Signature :

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REV.	DATE	DESCRIPTION	PREP.	CHK.			APP.



DISTILLATE HYDROTREATING
PROJECT SHIRAZ OIL REFINERY

هیرسدان
HARSICAN





Oil Design &
Construction Co.

AAC

17195

DRAWING TITLE:

Plenum & Fan Ring DrawingAE-1701

PREP.:	CHECK:	APPR.:
CONT. JOB No.:	CONT. DWG. No.:	
DOCUMENT No.:		SC.: NON
SDHT-TG0014-ME-VDWG-AE1701-006		SIZE: A3

PROJ.	P.O NO.	DISC.	DOC TYPE	TAG NO.	SERIAL NO	REV.	SHEET NO.:
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