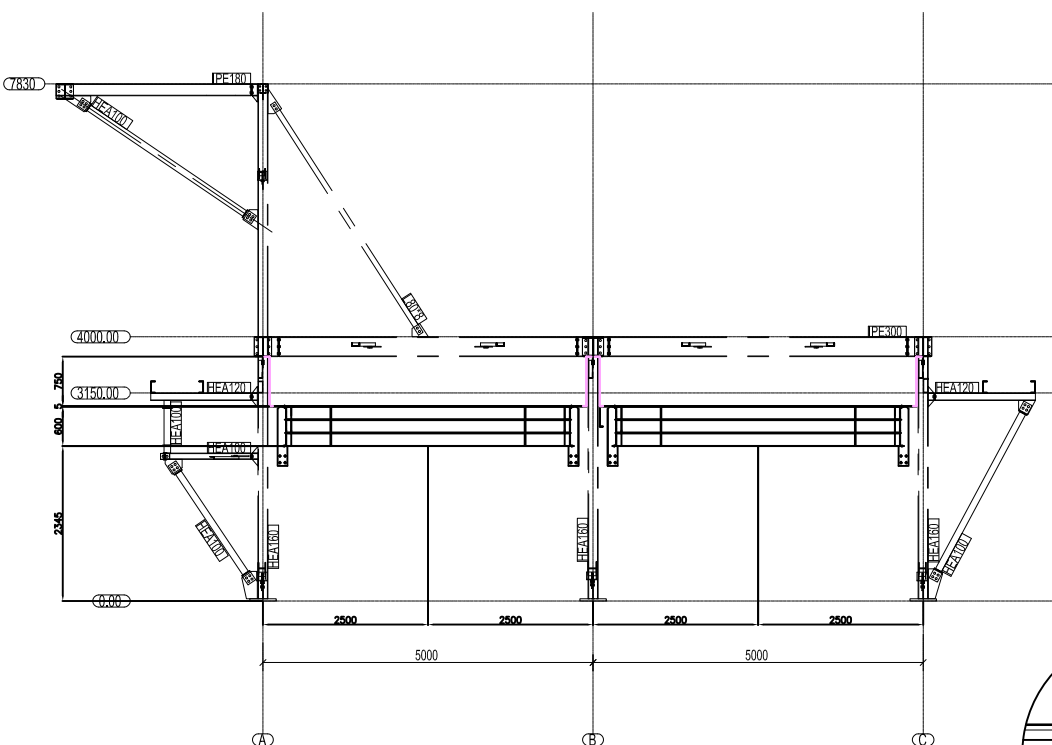
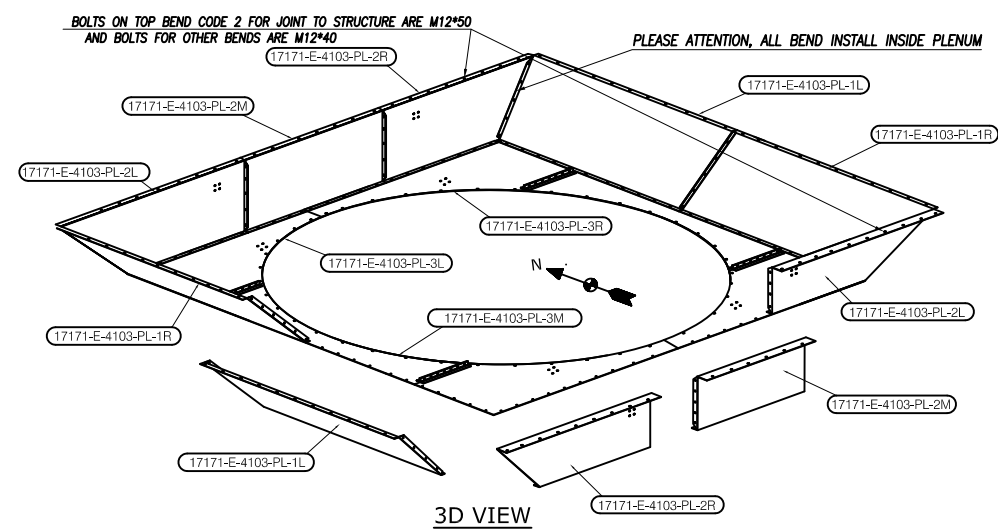


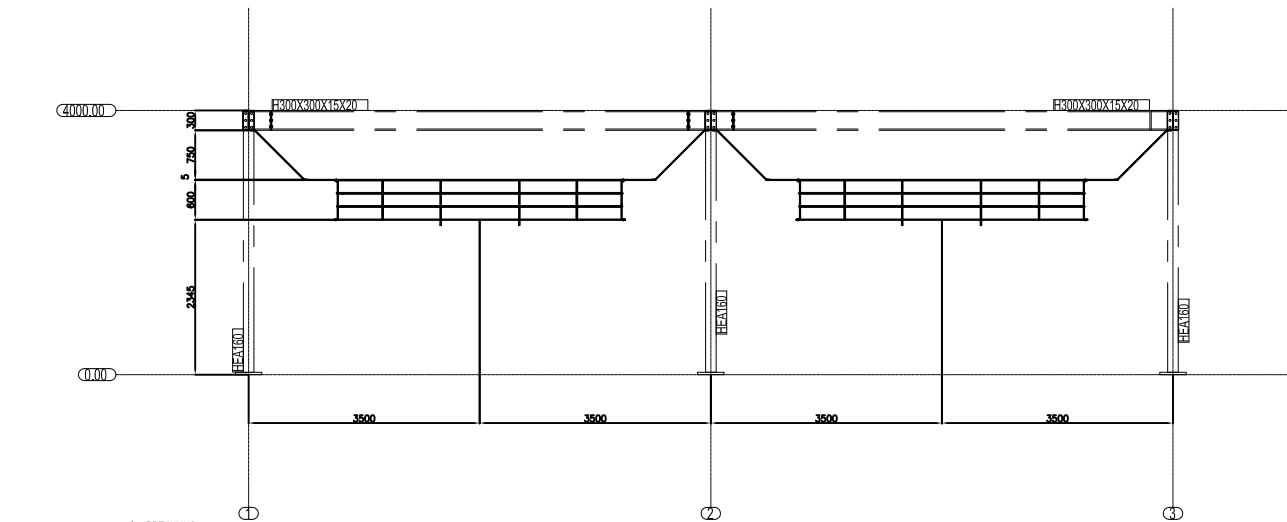
PLENUM & DECK PLATE - DEVELOPMENT VIEW



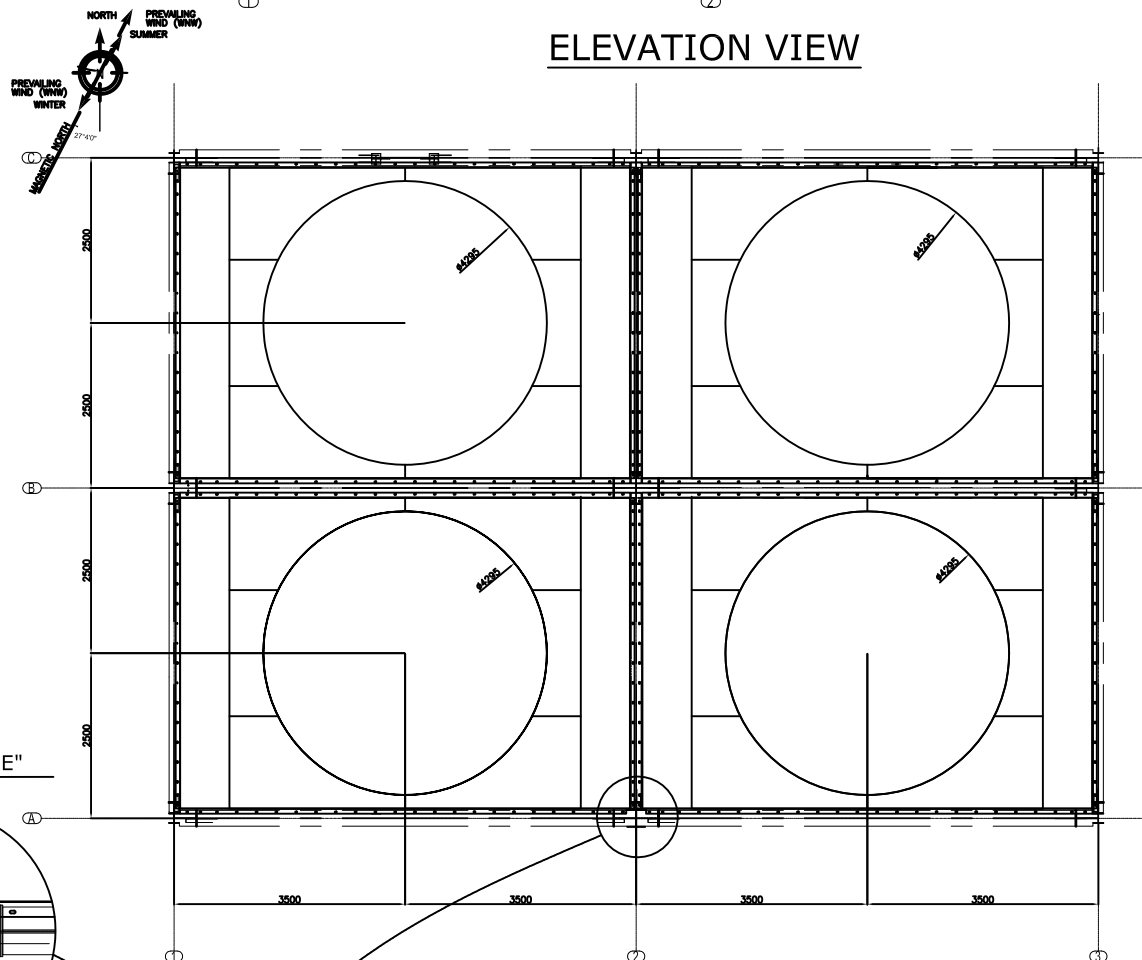
SIDE VIEW



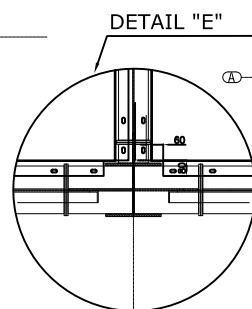
3D VIEW



ELEVATION VIEW



PLAN VIEW



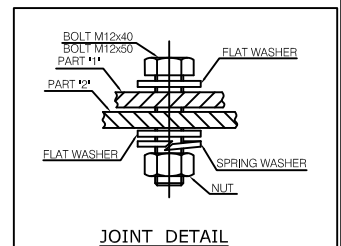
DETAIL "E"

#### NOTE 1:

- 1- ALL HOLES ARE Ø14 FOR BOLT M12.
- 2- ALL SLOTTED HOLES ARE Ø14x20 FOR BOLTS M12.

#### NOTE 2:

- 1- ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED.
- 2- MARKING : 17171-E-4103-PL - PART NO..
- 3- SURFACE FINISHING : ACCORDING TO DOCUMENT NO. : VD-3607-40-41-EP-QC-PRC-PO9004-67
- 4- ALL BOLT ON TOP BEND CODE 2 FOR JOINT TO STRUCTURE ARE M12\*50 AND BOLTS FOR OTHER BENDS ARE M12\*40  
BOLTING : DIN 933/ DIN 934  
TWO FLAT WASHER / SPRING WASHER : DIN 121/DIN 127  
TOTAL REQUIRED QUANTITY FOR M12\*40 : 245 (SETS/UNIT)  
TOTAL REQUIRED QUANTITY FOR M12\*50 : 50 (SETS/UNIT)
- 5- QUANTITY : 2 UNITS PER BAY  
TOTAL : 4 UNITS



JOINT DETAIL

#### REFERENCE DRAWINGS FOR E - 4103 :

TITLE	DWG. No.
FAN DATA SHEETS	VD-3607-40-41-EP-MA-DS-PO9004-14
GENERAL ARRANGMENT DWG.	VD-3607-40-41-EP-ME-DWG-PO9004-44
STEEL STRUCTURE DWG.	VD-3607-40-41-EP-CV-DWG-PO9004-53
FAN & MOTOR SUPPORT DWG.	VD-3607-40-41-EP-ME-DWG-PO9004-46

#### EMPLOYER:



Esfahan Oil Refining Company

#### PROJECT TITLE: ESFAHAN OIL REFINERY UTILITY&OFF SITE PROJECT FOR DHT

CONTRACT No.: 1032/GC-GN/CON-EPC-06-00	P.O.I:	FA	SCALE: 1/1
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#### MC:



#### CONTRACTOR:



#### DWG TITLE:

Plenum & Fanring  
LLP-Steam Condenser E-4103

DWG No.: VD-3607-40-41-EP-ME-DWG-PO9004-47	SIZE: A3	SHEET No.: 1 OF 3	REV: B0
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PURCHASER-NEYRPERSE/MAPNA GROUP
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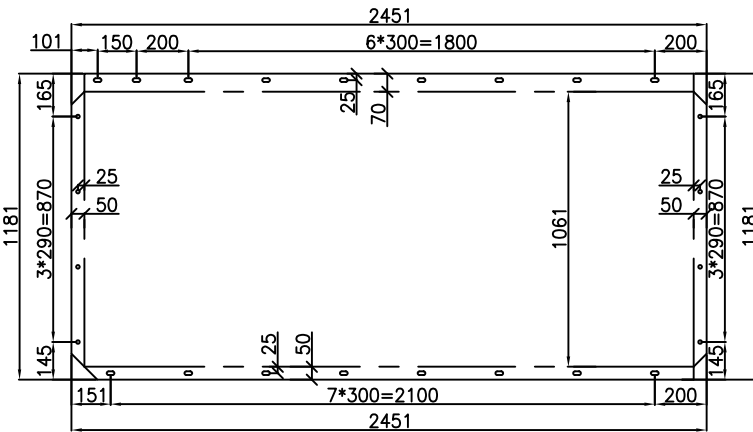
REQUISITION NO.: 360740-41-EP-MA-POR-9004-A0
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ITEM NO. (TAG NO.): E-4103
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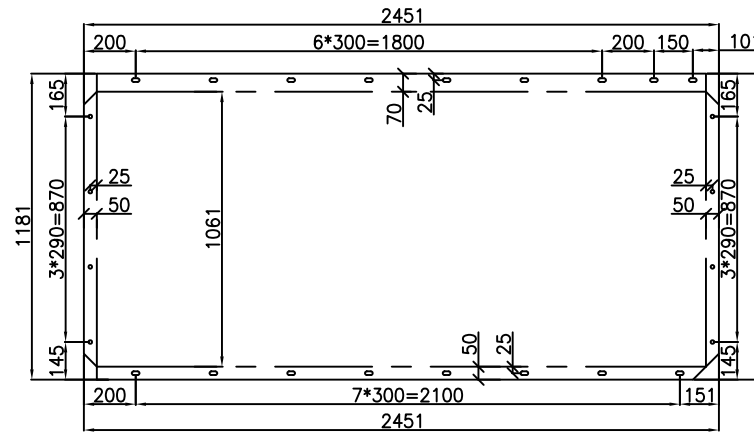
Date : 09.Sep.2017	Signature :	VENDOR DOC. NO.:3607-40-41-EP-ME-DWG-PO9004-47
--------------------	-------------	--

REV.	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D
B0	04.Oct.2017	FOR APPROVAL	B.Mohammad/P.Karimzadeh	B.Sheikh Beigi	
A0	08.Aug.2017	FOR APPROVAL	I.Ramessani	P.Karimzadeh	B.Sheikh Beigi

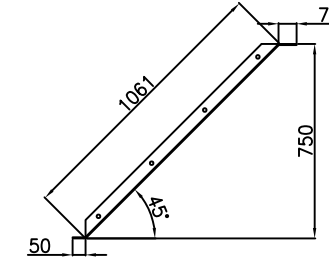
AAC



17171-E-4103-PL-1L THK. : 4  
(QTY. : 2)

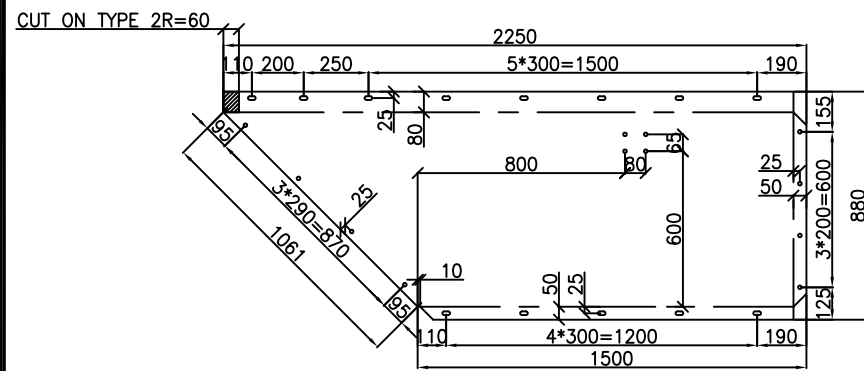


17171-E-4103-PL-1R THK. : 4  
(QTY. : 2)

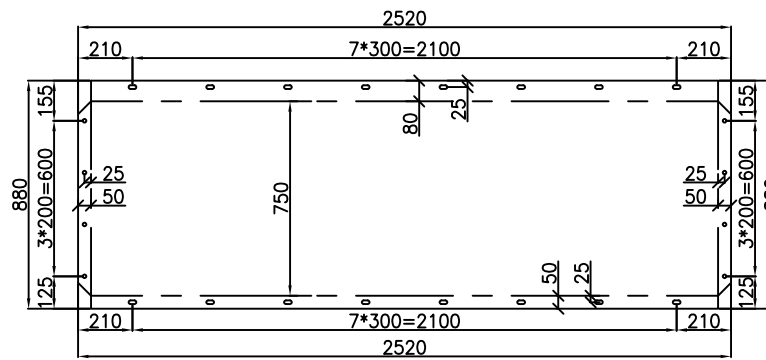


17171-E-4103-PL-4 QTY. : 4

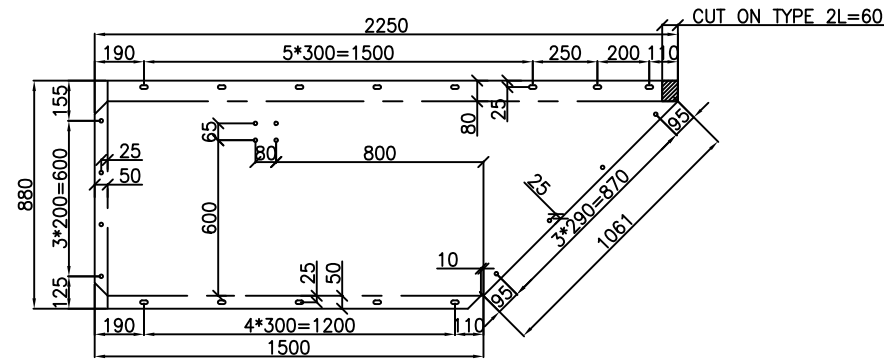
PART LIST FOR "ONE UNIT"						
NO.	Material	Dimension	Qty.	U.Weight	T. Weight	Marking
1L	A36	2451x1180x4	2	91	182	17171-E-4103-PL-1L
1R	A36	2451x1180x4	2	91	182	17171-E-4103-PL-1R
2L	A36	2250x879x4	2	52	104	17171-E-4103-PL-2M
2M	A36	2520x879x4	2	70	140	17171-E-4103-PL-2L
2R	A36	2250x879x4	2	52	104	17171-E-4103-PL-2R
3L	A36	2660x1400x5	2	82	164	17171-E-4103-PL-3L
3M	A36	1910x737x5	2	44	88	17171-E-4103-PL-3R
3R	A36	2660x1400x5	2	82	164	17171-E-4103-PL-3M
4	A36	L 80x8x950	4	9	36	17171-E-4103-PL-4
5	A36	150x150x8	8	1.5	12	---
6	A36	L 60x6x650	8	3.5	28	---
7	A36	L 60x6x150	4	0.8	3.2	---
8	A325	M12x50	50 (Sets)			BOLT /NUT /2 F.WASHER /S.WASHER
9	A325	M12x40	180 (Sets)			BOLT /NUT /2 F.WASHER /S.WASHER
TOTAL WEIGHT FOR ONE UNIT (Kg) :					1207	



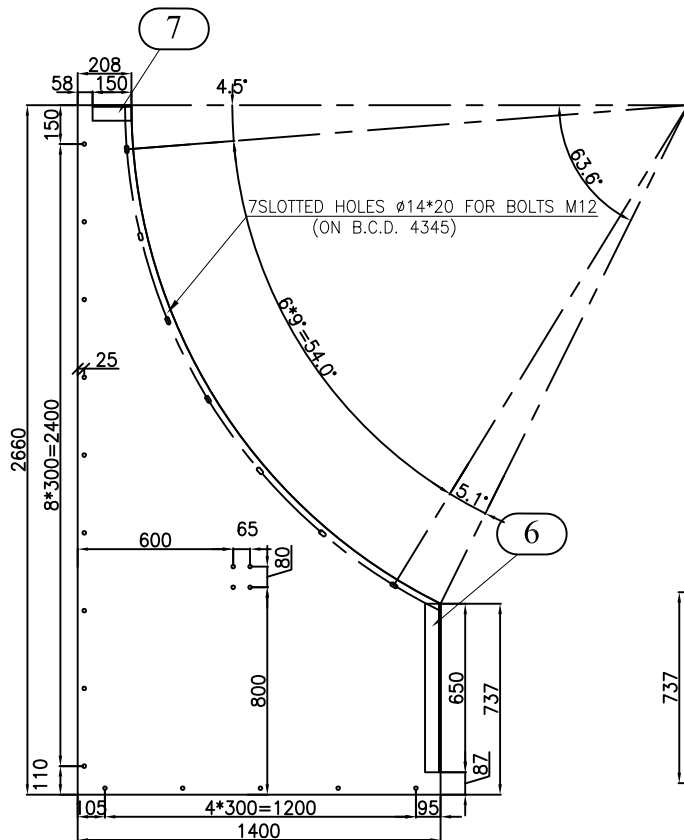
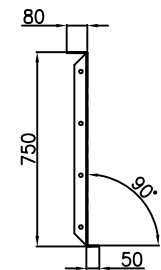
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(QTY. : 2)



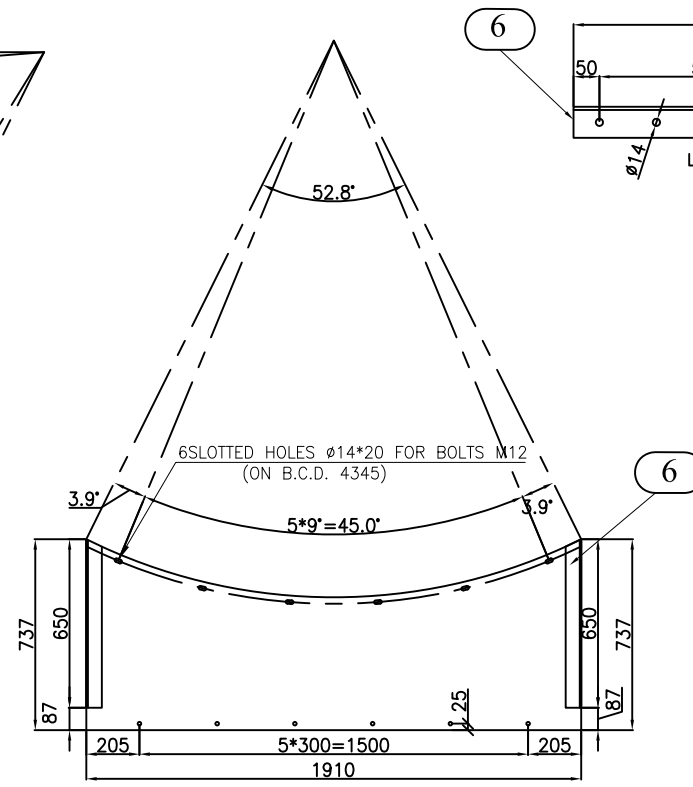
17171-E-4103-PL-2M THK. : 4  
(QTY. : 2)



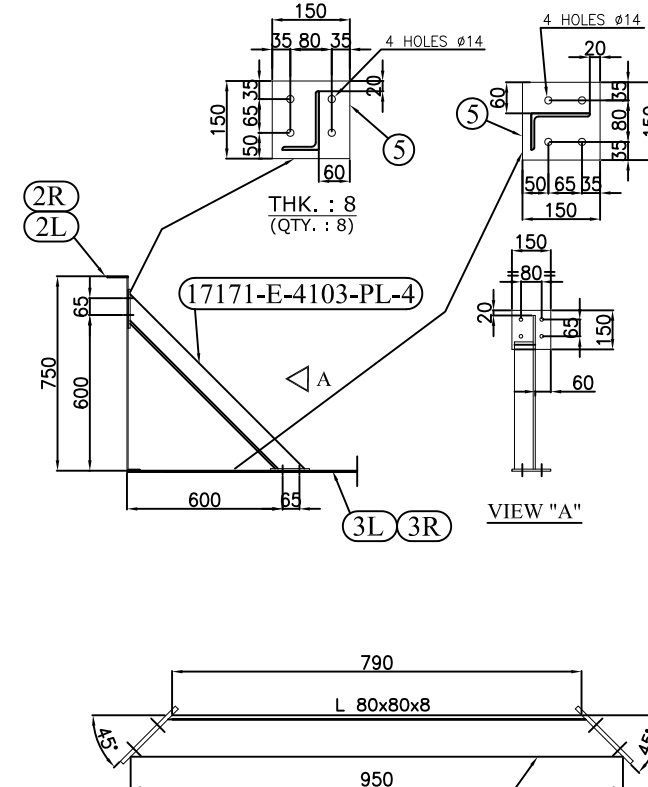
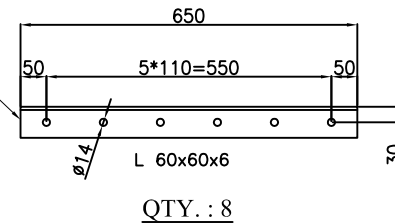
17171-E-4103-PL-2R THK. : 4  
(QTY. : 2)








17171-E-4103-PL-3R THK. : 5  
(QTY. : 2)

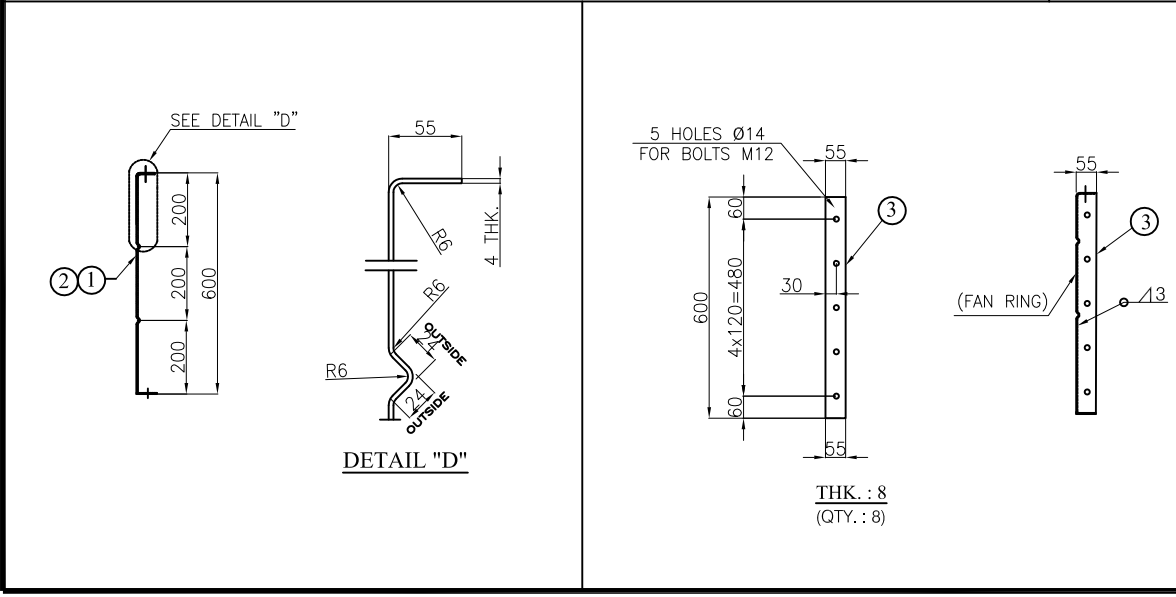
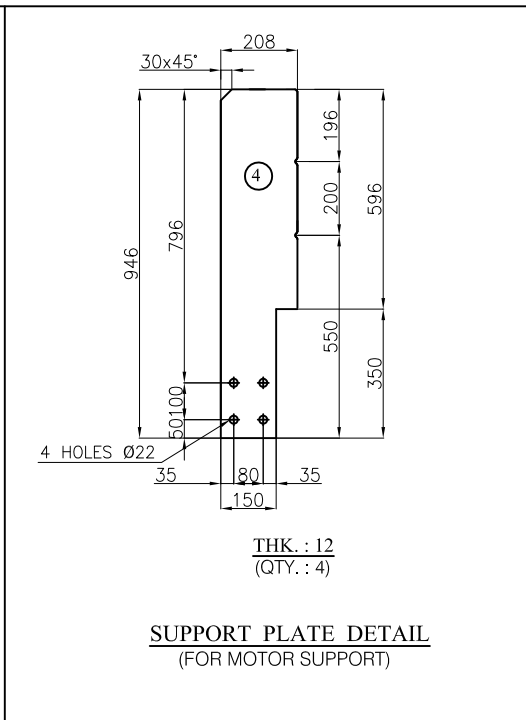
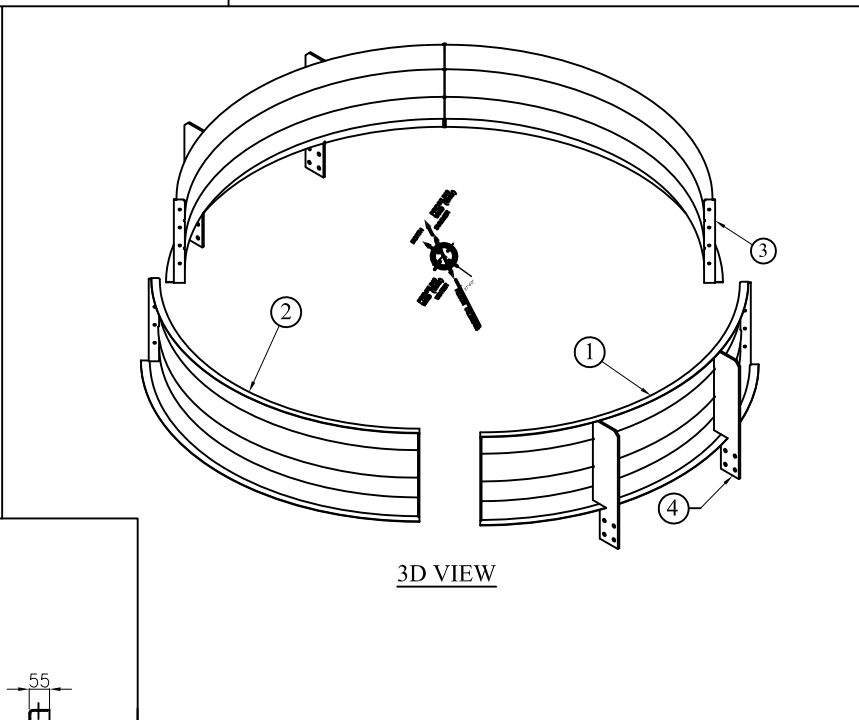
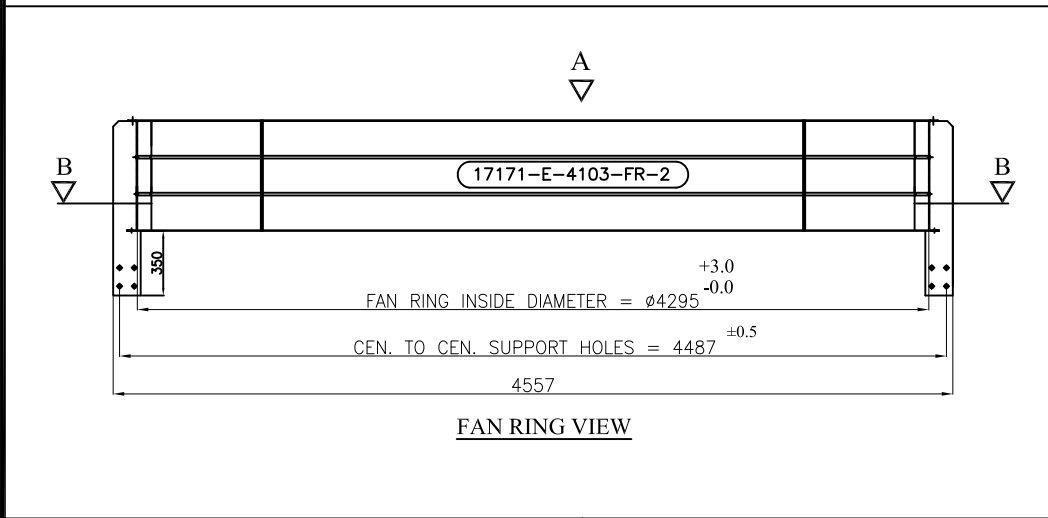
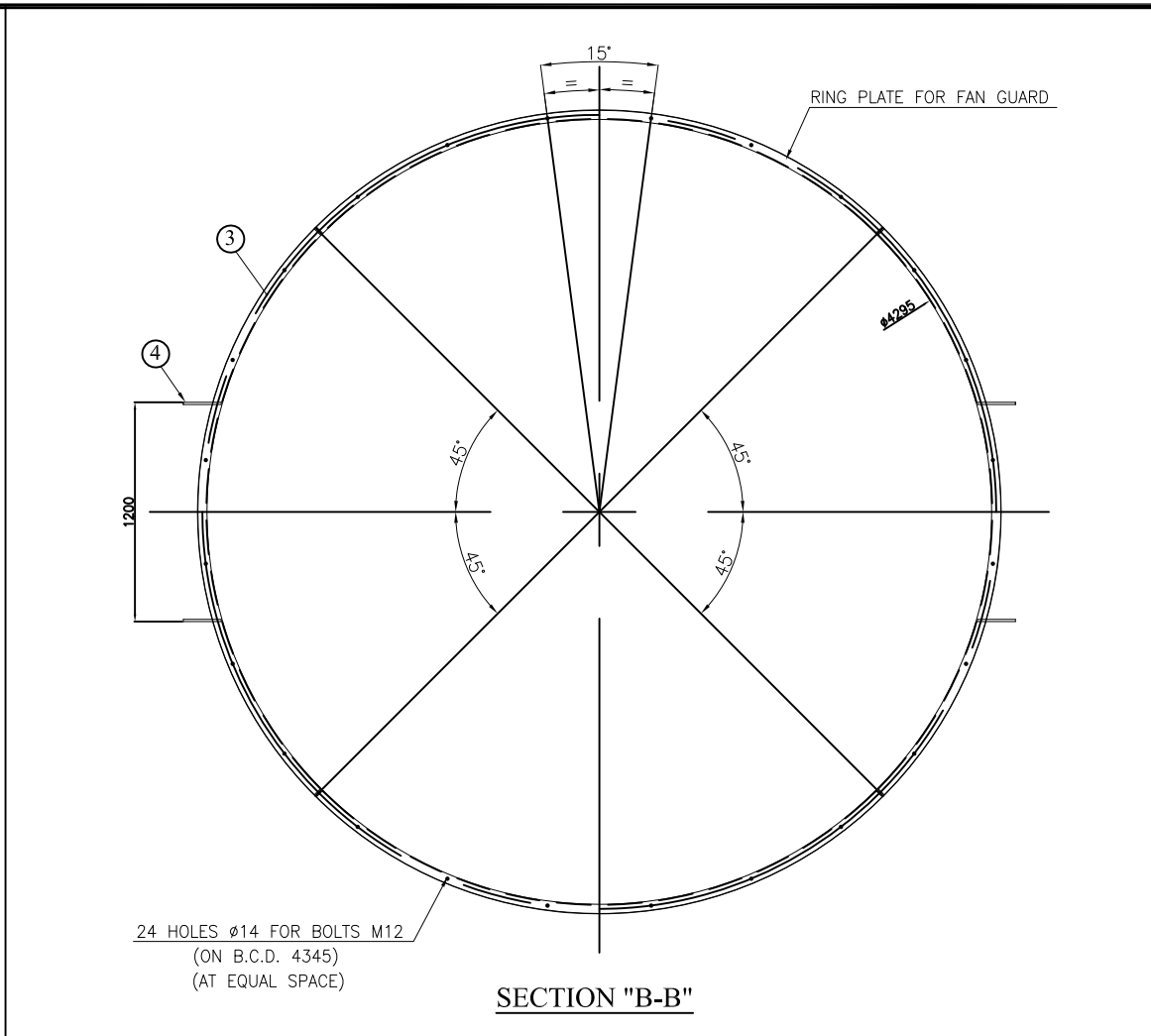
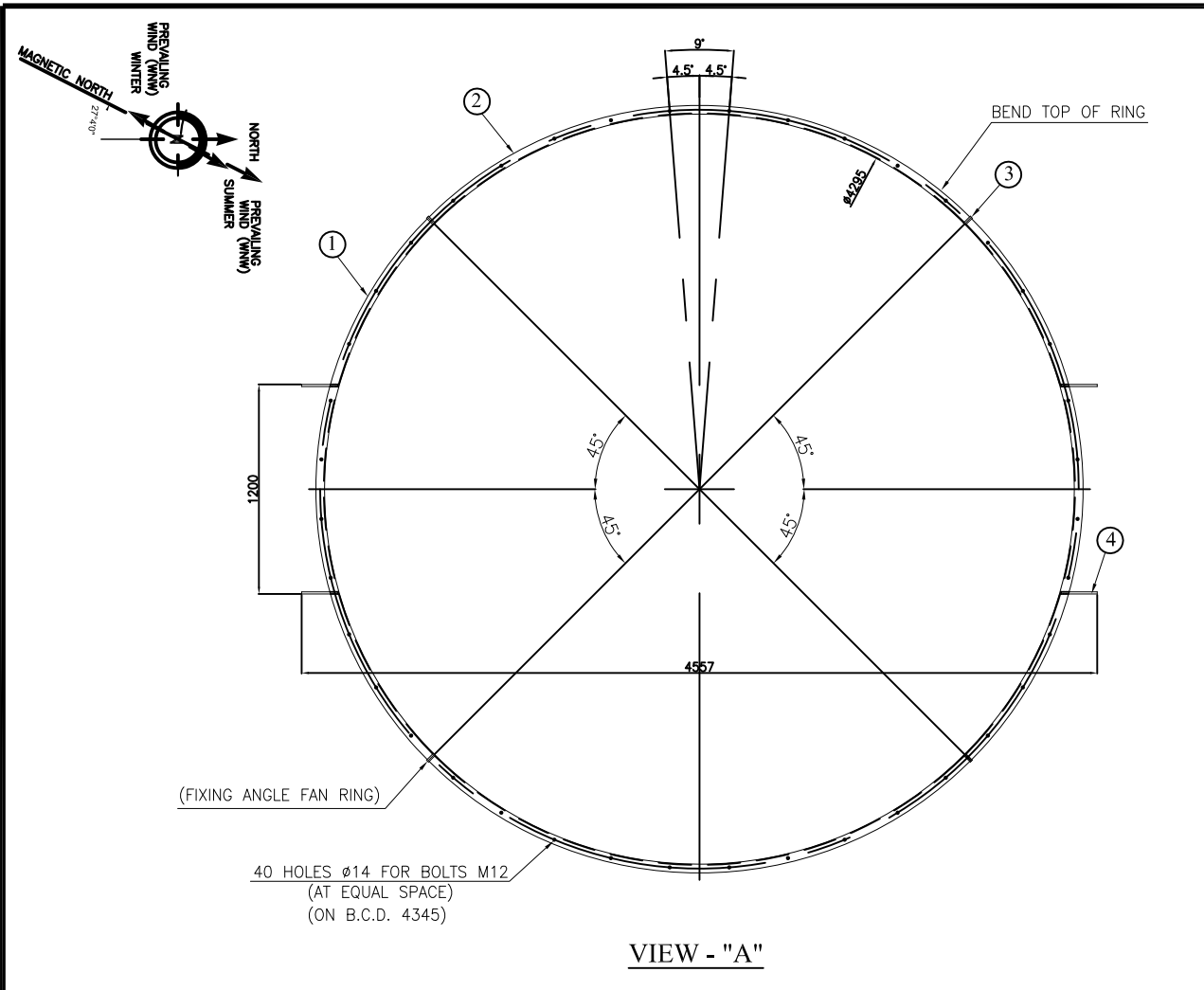


17171-E-4103-PL-3M THK. : 5  
(QTY. : 2)



EMPLOYER:			
<div></div> <div>Esfahan Oil Refining Company</div>			
PROJECT TITLE: ESFAHAN OIL REFINERY UTILITY&OFF SITE PROJECT FOR DHT			
CONTRACT No.: 1032/GC-GN/CON-EPC-06-00		P.O.I: FA	SCALE: 1/1
MC:	<div></div>	CONTRACTOR:	
		<div>  </div>	
DWG TITLE:			
<div>Plenum &amp; Fanring</div> <div>LLP-Steam Condenser E-4103</div>			
DWG No.: VD-3607-40-41-EP-ME-DWG-P09004-47		SIZE: A3	SHEET No.: 2 OF 3
		REV: B0	
		PURCHASER:NEYRPERSE/MAPNA GROUP	
		REQUISITION NO.: 360740-41-EP-MA-POR-9004-A0	
		ITEM NO. (TAG NO.): E-4103	
Date : 09.Sep.2017		Signature :	
		VENDOR DOC. NO.: 3607-40-41-EP-ME-DWG-P09004-47	

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PART LIST FOR ONE UNIT						
NO.	DIMENSION (mm)	MATERIAL	QTY.	WEIGHT (Kg)	TOTAL WEIGHT (Kg)	MARKING
1	3375x700x4	A36	2	74	148	17171-E-4103-FR-1
2	3375x700x4	A36	2	74	148	17171-E-4103-FR-2
3	600x55x8	A36	8	2	16	--
4	946x208x12	A36	4	19	76	--
TOTAL WEIGHT FOR ONE UNIT (Kg) :					388	--

**NOTE 3 :**

1- ALL DIMENTIONS ARE IN mm EXCEPT SPECIFIED .


2- MARKING : 17171-E-4103-PL - PART NO. .

3- SURFACE FINISHING :  
ACCORDING TO DOCUMENT NO. :VD-3607-40-41-EP-QC-PRC-PO9004-67

4- ALL BOLT ARE M12x40  
BOLTING : DIN 933/ DIN 934  
TWO FLAT WASHER / SPRING WASHER : DIN 121/DIN 127  
TOTAL REQUIRED QUANTITY M12\*40 = 20 SETS / UNIT

5- QUANTITY : 2 UNITS PER BAY  
TOTAL : 4 UNITS


**EMPLOYER:**

  
Esfahan Oil Refining Company




**PROJECT TITLE:** ESFAHAN OIL REFINERY UTILITY&OFF SITE PROJECT FOR DHT

CONTRACT No.: 1032/GC-GN/CON-EPC-06-00 P.O.I: FA SCALE: 1/1

**MC:**



**CONTRACTOR:**

**DWG TITLE:**

Plenum & Fanring  
LLP-Steam Condenser E-4103

DWG No.: VD-3607-40-41-EP-ME-DWG-PO9004-47 SIZE: A3 SHEET No.: 3 OF 3 REV: B0

PURCHASER:MEYRPERSE/MAPNA GROUP  
REQUISITION NO.: 360740-41-EP-MA-POR-9004-A0  
ITEM NO. (TAG NO.): E-4103

Date : 09.Sep.2017 Signature :

VENDOR DOC. NO.:VD-3607-40-41-EP-ME-DWG-PO9004-47

BO	04.Oct.2017	FOR APPROVAL	B.Mohammad P. Karimzadeh	B.Sheikh Beigi	
AO	08.Aug.2017	FOR APPROVAL	I.Ramessani	P. Karimzadeh B.Sheikh Beigi	
REV.	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D

**AAC**