







Project No.: 17197A		MATERIAL REQUISITION	 ABAN AIR-COOLER CO.
Req. No.: 1600/1			
Rev. No.: 01			
Preliminary		Code No.: QF-TE-02	ENGINEERING DEPARTMENT
Final		Date & Rev.: 1393/09/10 - 4	ERP : 151509
			SRD : 20.Apr.2023
			PAGE 1 OF 5

MATERIAL REQUISITION FOR PLENUM & FAN RING

01	25.Feb.2023	ISSUE FOR PROCUREMENT	M.Javanmard	F.Mohammadi	P.Karimizadeh
0	20.Sep.2022	ISSUE FOR PROCUREMENT	H.Bahmanpoori	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							35								
2	x	x							36								
3	x								37								
4	x								38								
5	x	x							39								
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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	1601-EX-005/006	2	PLENUM AND FAN RING	Ilam
2	1602-EX-005/006	2	PLENUM AND FAN RING	Ilam

4- APPLICABLE CODES & STANDARD

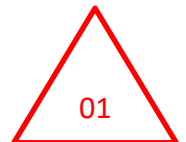
ASME Section II Part A for material designations, and ISO 13706 to be followed.

5- REQUIRED DOCUMENTATION

N/A

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6- SCOPE OF WORK , SUPPLY & SERVICES



POS	DESCRIPTION	MATERIAL	QTY.	Remarks
1	PLENUM	A36	4	Total Weight = 636Kg
2	FAN RING	A36	4	Total Weight =324Kg

7- SPARE PARTS

N/A

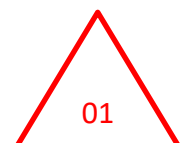
8- DEVIATIONS/EXCEPTION/ALTERNATION FROM MATERIAL REQUISITION'S REQUIREMENTS

If any, shall be mentioned by vendor

9- TECHNICAL NOTES

N/A

10- ATTACHMENTS

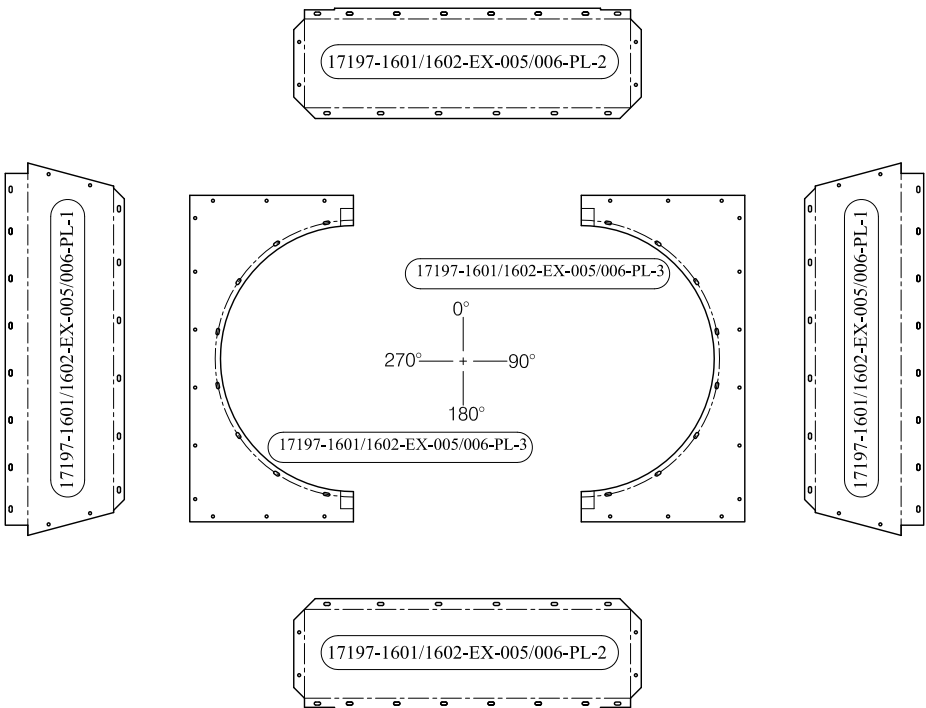
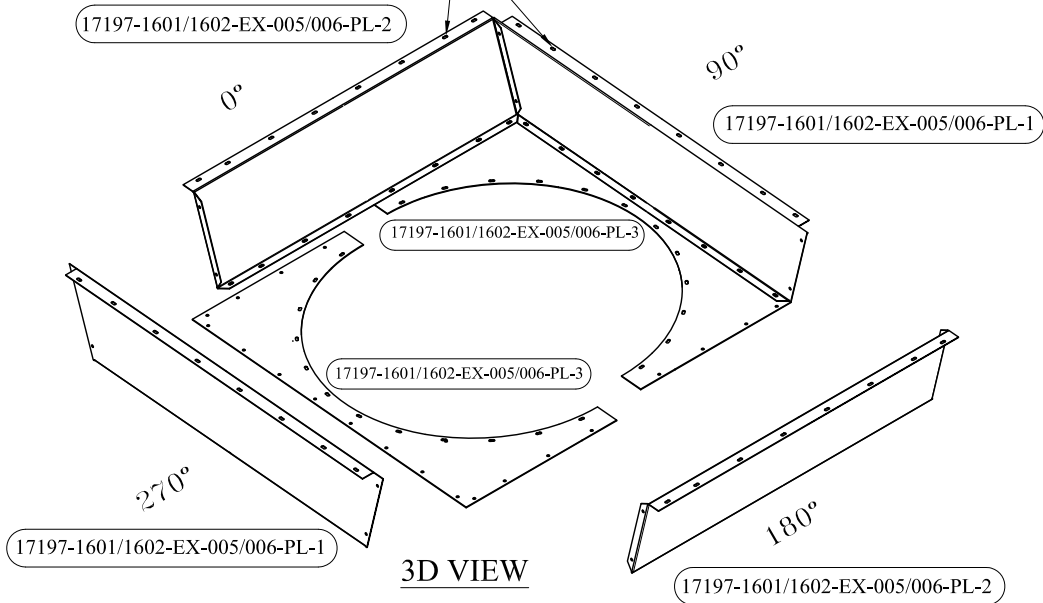


DOCUMENT	REVISION	NO. OF SHEETS
ARCP-F160AQ-ENME-DWEQ-0030	1	4

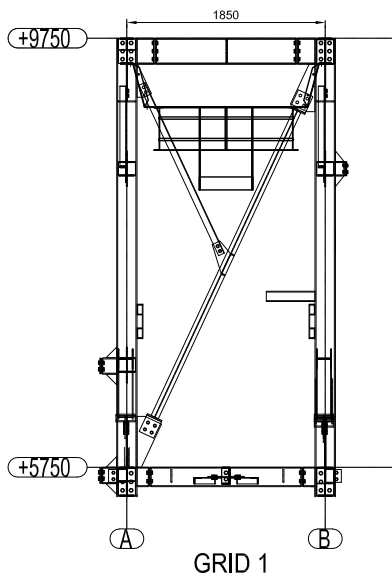
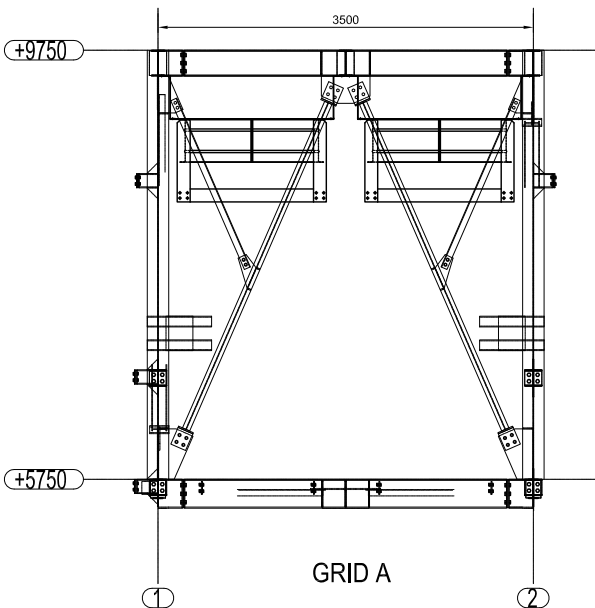
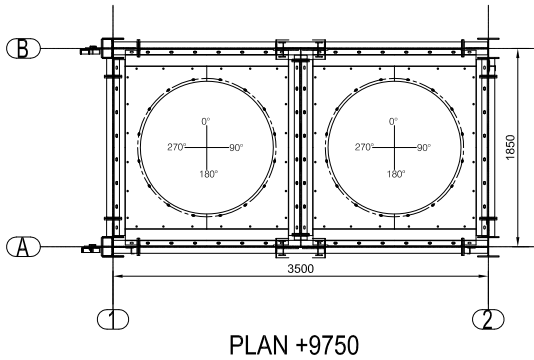
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BOLTS SIZE FOR TOP BENDS ARE M12*50 (FOR JOINT TO STRUCTURE)

(OTHER BOLTS ARE M12*40)



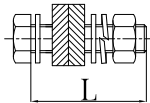
PLENUM & DECK PLATE - DEVELOPMENT VIEW



REFERENCE DRAWINGS	
TITLE	DWG. No.
General Arrangement Drawing	ARCP-F160AQ-ENME-DWGA-0022
Steel Structure Drawing	ARCP-F160AQ-ENME-DWSS-0024
Fan Data Sheets	ARCP-F160AQ-ENME-DSEQ-0004
Fan & Motor Support Drawing	ARCP-F160AQ-ENME-DESU-0032

- NOTE :
- ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED .
 - MARKING : 17197-1601/1602-EX-005/006-PL-PART NO.
 - SURFACE PROTECTION ACCORDING TO :
ARCP-F160AQ-PMQC-PRJB-0055
 - BOLTS ARE M12x40
BOLTING : ASTM A325/ A563 (HOT DIP GALVANIZED)
 - TWO FLAT WASHER : DIN 125
TOTAL REQUIRED QUANTITY FOR M12*40= 58 (SET / UNIT)
M 12*50= 32 (SET / UNIT)
 - QUANTITY : 4 No.
 - PAY ATTENTION TO THE PLAN VIEW FOR INSTALL THE PLENUM
 - ALL BOLTS WHICH FASTEN PLENUM TO THE STRUCTURE
SHALL BE M12*50

9. PLENUM AND FAN RING SHALL BE HOT - DIP GALVANIZED



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

BOLT LIST FOR ONE SET PLENUM				NO. REQUIRED PLENUM : 4 SET
NO.	MATERIAL	DIMENSION	QTY.	REMARK
B1	A325 (HDG)	M12x40	16 (Sets)	B/N /2 F.W /S.W CONNECT TO FAN RING
B2	A325 (HDG)	M12x40	42 (Sets)	B/N /2 F.W /S.W INTERNAL CONNECT
B3	A325 (HDG)	M12x50	32 (Sets)	B/N /2 F.W /S.W CONNECT TO STRUCTURE
TOTAL : 90 (Sets)				

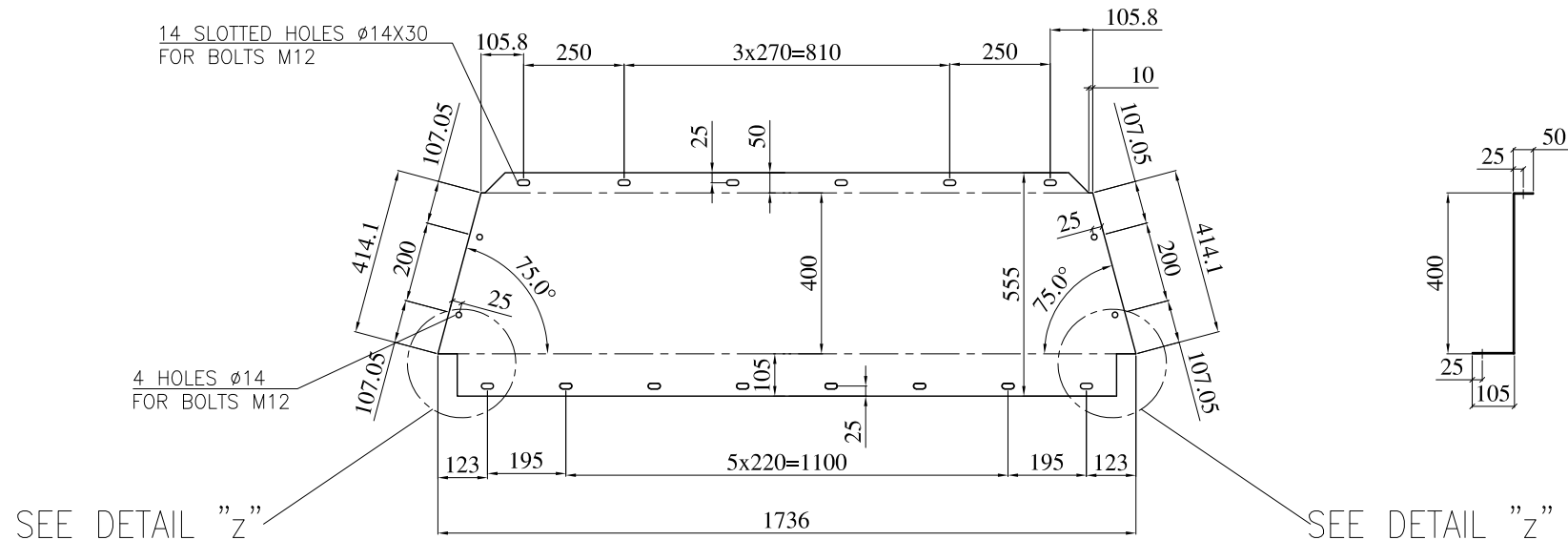
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V00	ISSUED FOR COMMENT	A.Shaterpour	14.Jan.23	A.Shaterpour	14.Jan.23	P.Karimizadeh	14.Jan.23
REV.	DESCRIPTION	PREPARED	DATE	CHECKED	DATE	APPROVED	DATE

CLIENT :

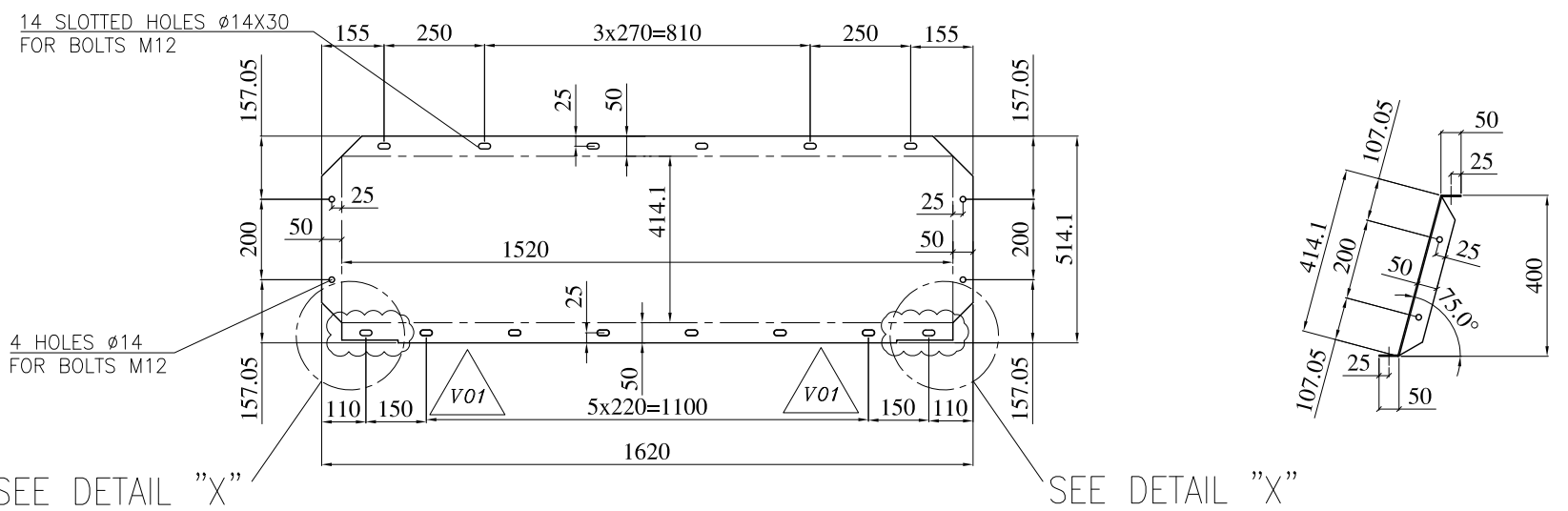
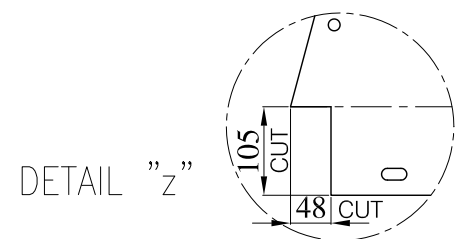


PROJECT : AZAR OIL FIELD DEVELOPMENT PROJECT			
Central Process Facilities (CPF)			
DOCUMENT TITLE : Plenum & Fan Ring For Air Cooler 1601/1602-EX-005/006			
CONTRACT NUMBER		DOCUMENT NUMBER	
AP-1-92-92		ARCP F160AQ ENME DWEQ 0030	
REV.	SIZE	SCALE	SHEET
V01	A3	NONE	1 OF 4

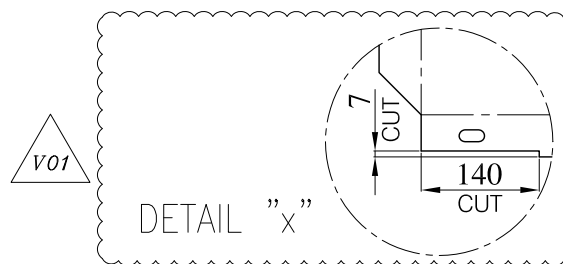
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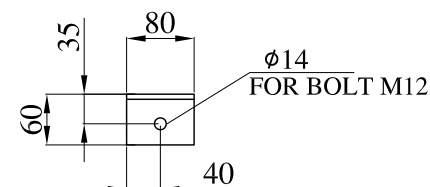
17197-1601/1602-EX-005/006-PL-1 (QTY = 2)
(THK = 3)



17197-1601/1602-EX-005/006-PL-2 (QTY = 2)
(THK = 3)



4



L60X60X6
(QTY = 2)

PART LIST FOR "ONE UNIT"						
NO.	Material	Dimension	Qty.	U.Weight	T. Weight	Marking
1	A36 (H.D.G)	1736 x550 x3	2	22.5	45	17197-1601/1602-EX-005/006-PL-1
2	A36 (H.D.G)	1620 x514.1 x3	2	20	40	17197-1601/1602-EX-005/006-PL-2
3	A36 (H.D.G)	1521.6 x763 x4	2	36.5	73	17197-1601/1602-EX-005/006-PL-3
4	A36 (H.D.G)	L60x60x80	2	0.3	0.6	
5	A325 (H.D.G)	M12x40	50 (Sets)			BOLT /NUT /2 F.WASHER /S.WASHER
6	A325 (H.D.G)	M12x50	32 (Sets)			BOLT /NUT /2 F.WASHER /S.WASHER
TOTAL WEIGHT FOR ONE UNIT (Kg) :				159		

V01	ISSUED FOR APPROVAL	A.Shaterpour	20.Feb.23	A.Shaterpour	20.Feb.23	P.Karimizadeh	20.Feb.23
V00	ISSUED FOR COMMENT	A.Shaterpour	14.Jan.23	A.Shaterpour	14.Jan.23	P.Karimizadeh	14.Jan.23
REV.	DESCRIPTION	PREPARED	DATE	CHECKED	DATE	APPROVED	DATE

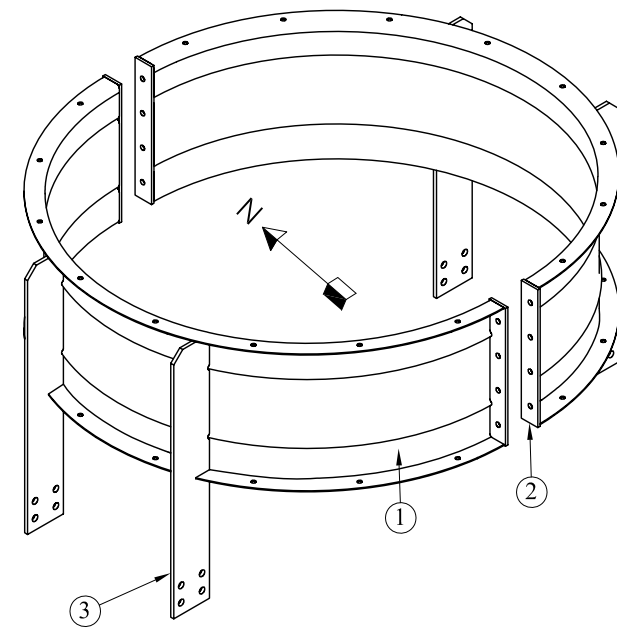
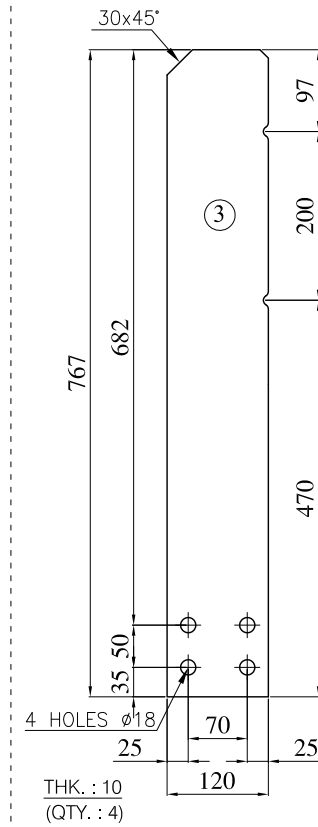
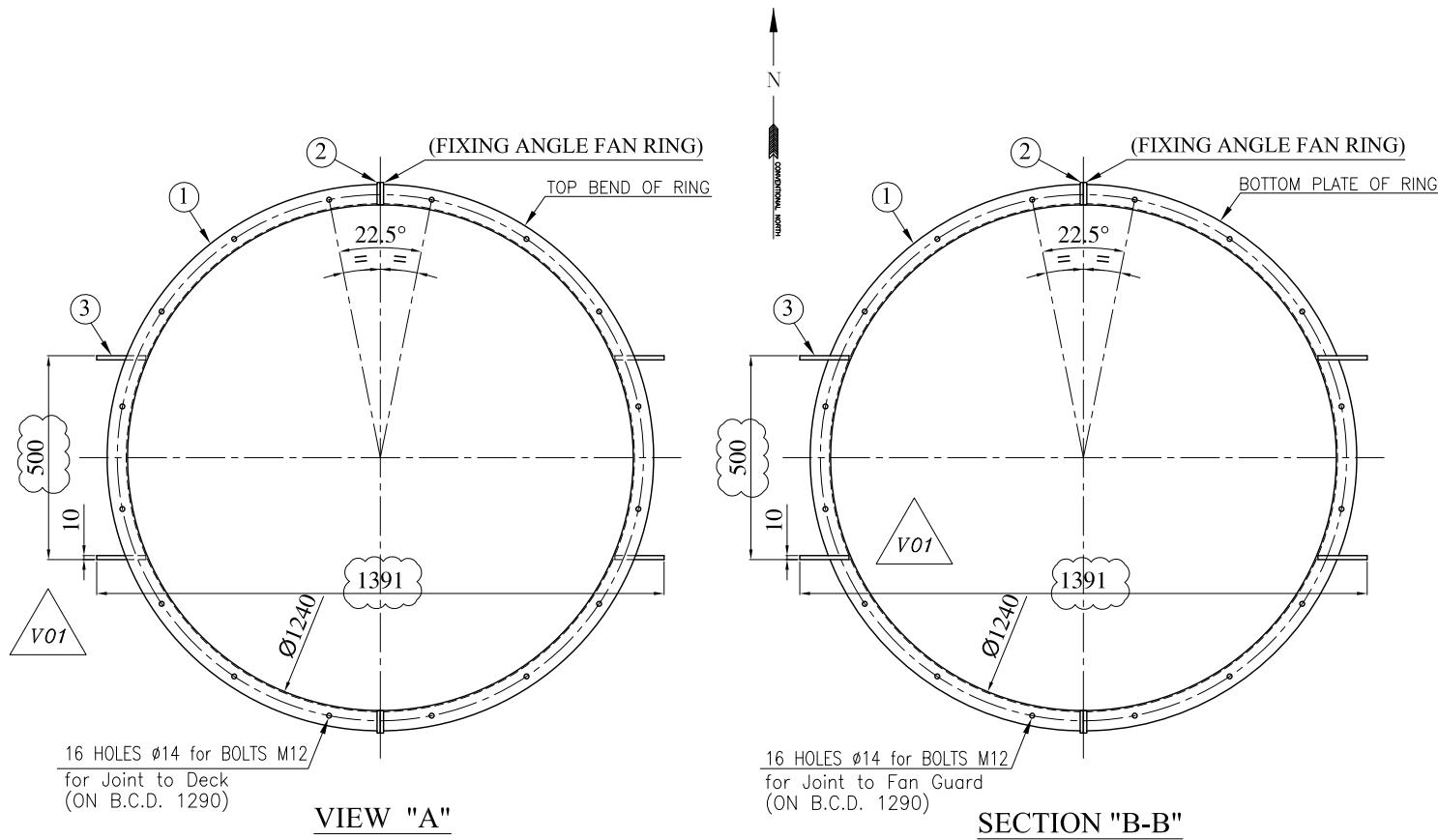
CLIENT :
NATIONAL IRANIAN
OIL COMPANY

SARVAK AZAR ENGINEERING
AND DEVELOPMENT COMPANY

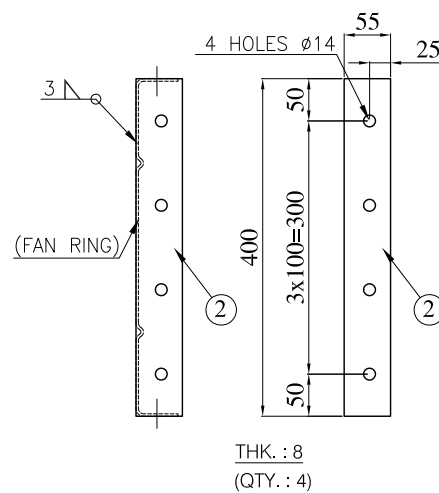
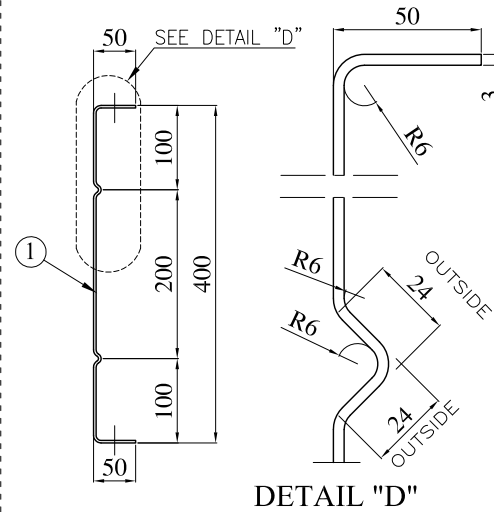
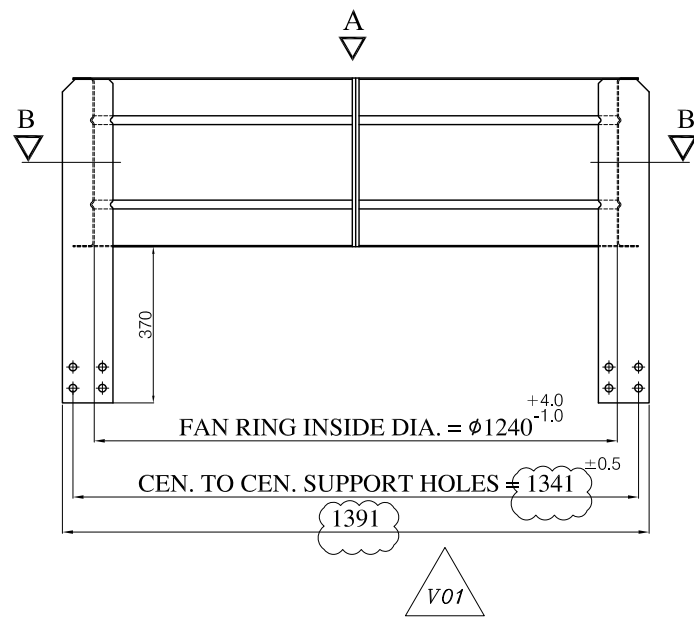
CONTRACT NUMBER
AP-1-92-92

PROJECT : AZAR OIL FIELD DEVELOPMENT PROJECT
Central Process Facilities (CPF)
DOCUMENT TITLE :
Plenum & Fan Ring For Air Cooler 1601/1602-EX-005/006
DOCUMENT NUMBER
REV. SIZE SCALE SHEET
ARCP F160AQ ENME DWEQ 0030 V01 A3 NONE 2 OF 4

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3D VIEW



PART LIST FOR ONE UNIT						
NO.	DIMENSION (mm)	MATERIAL	QTY.	WEIGHT (Kg)	TOTAL WEIGHT (Kg)	MARKING
1	1943x500x3	A36 (H.D.G)	2	23	46	17197-1601/1602-EX-005/006-FR-1
2	400x55x8	A36 (H.D.G)	4	1.4	5.6	--
3	767x120x10	A36 (H.D.G)	4	7.2	28.8	--
4	M12x40	A325 (H.D.G)	8 SET	BOLT / NUT / 2 F.WASHER / S.WASHER		
TOTAL WEIGHT FOR ONE UNIT (Kg) :					81	

REV.	DESCRIPTION	PREPARED	DATE	CHECKED	DATE	APPROVED	DATE
V01	ISSUED FOR APPROVAL	A.Shaterpour	20.Feb.23	A.Shaterpour	20.Feb.23	P.Karimizadeh	20.Feb.23
V00	ISSUED FOR COMMENT	A.Shaterpour	14.Jan.23	A.Shaterpour	14.Jan.23	P.Karimizadeh	14.Jan.23

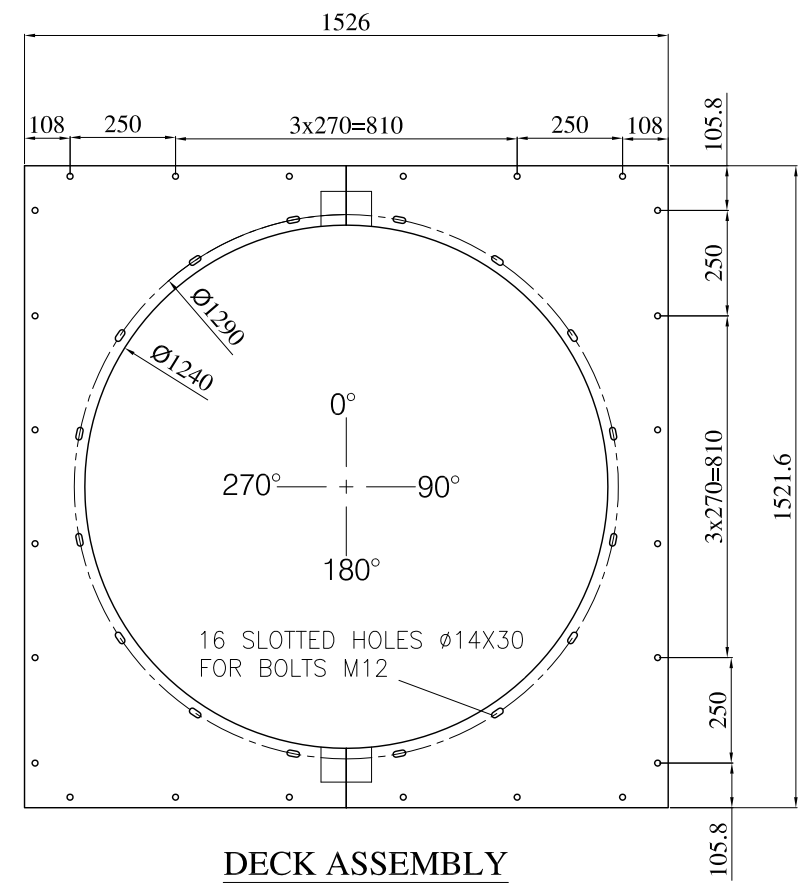
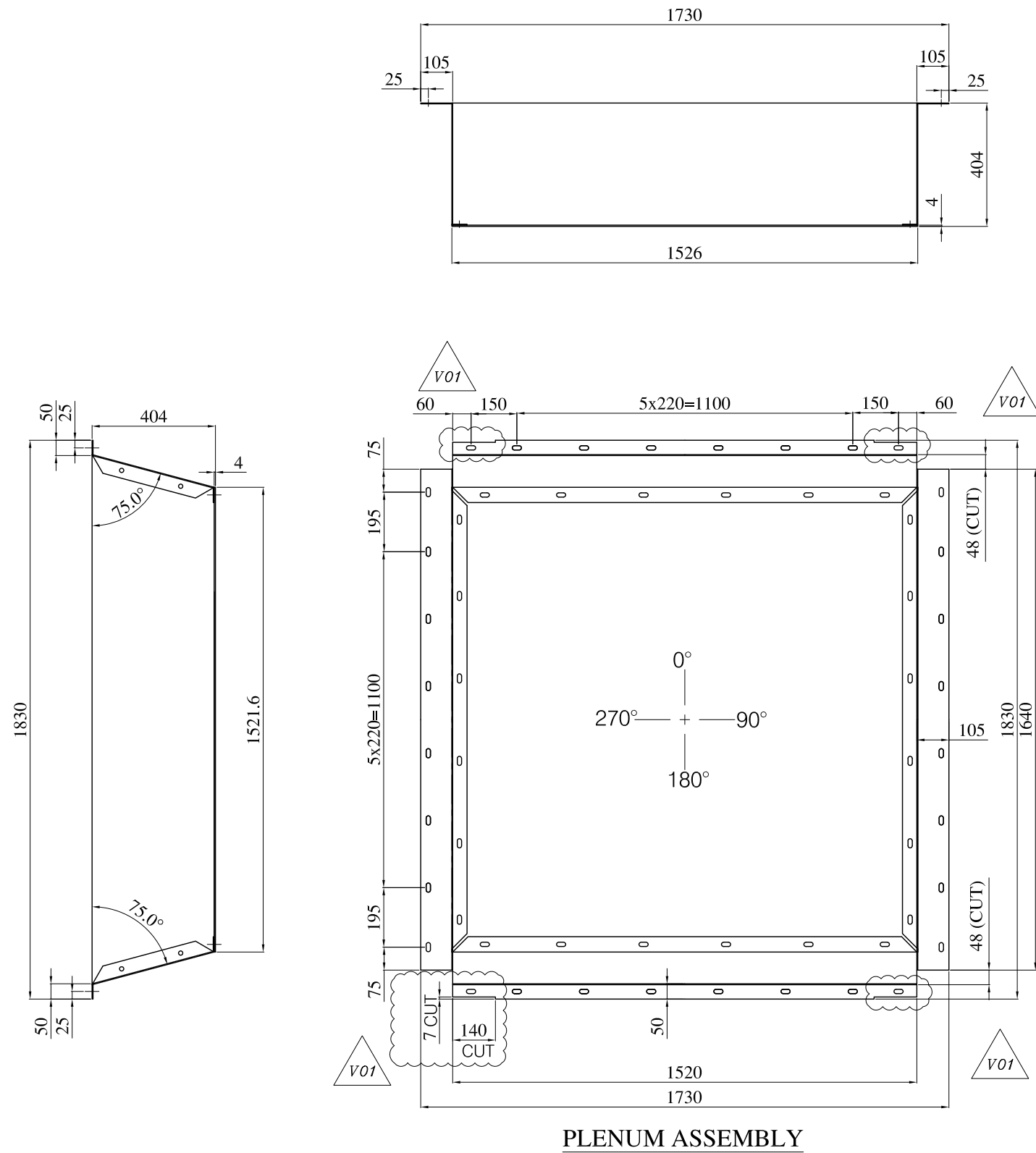
CLIENT :
NATIONAL IRANIAN
OIL COMPANY

SARVAK AZAR ENGINEERING
AND DEVELOPMENT COMPANY

CONTRACT NUMBER
AP-1-92-92

PROJECT : AZAR OIL FIELD DEVELOPMENT PROJECT Central Process Facilities (CPF)			
DOCUMENT TITLE : Plenum & Fan Ring For Air Cooler 1601/1602-EX-005/006			
DOCUMENT NUMBER		REV.	SIZE
ARCP		F160AQ	ENME
DWEQ		0030	V01
A3		NONE	3 OF 4

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REV.	DESCRIPTION	PREPARED	DATE	CHECKED	DATE	APPROVED	DATE

CLIENT :
 NATIONAL IRANIAN
OIL COMPANY


SARVAK AZAR ENGINEERING
AND DEVELOPMENT COMPANY


Jahan Pars Engineering And
Construction Co.

Petro Gas Jahan
Engineering Co.

AAC
Project: 17197

PROJECT : AZAR OIL FIELD DEVELOPMENT PROJECT Central Process Facilities (CPF)							
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						DWEQ	0030
						V01	A3
						NONE	4 OF 4