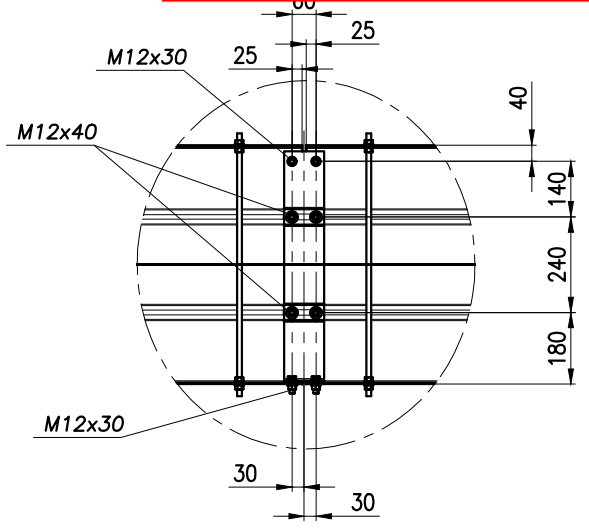
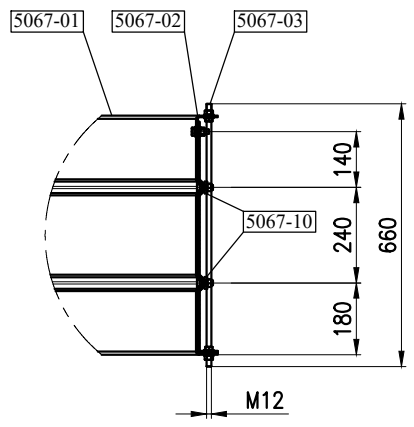
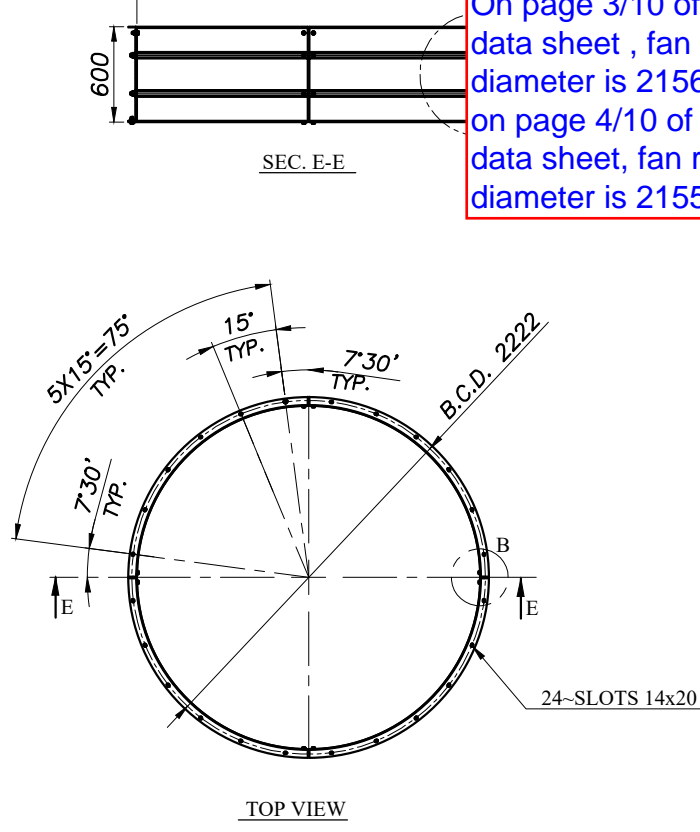


Compatibility between related document is in vendor responsibility.

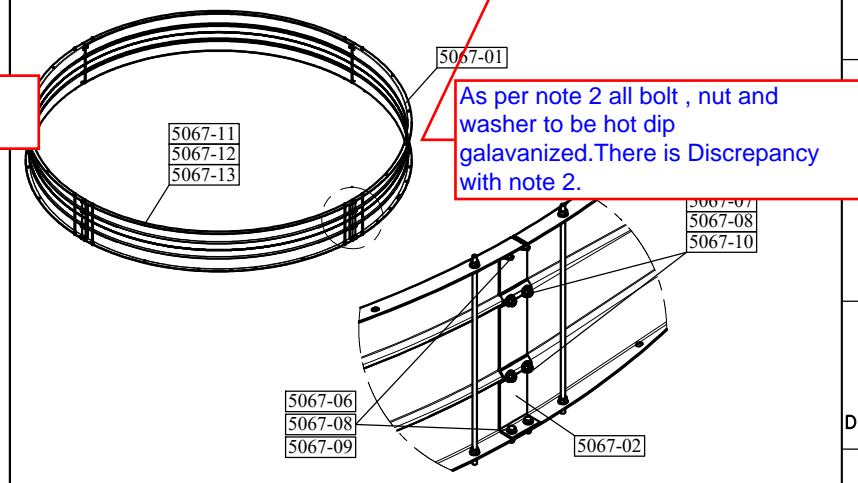
I.D. 2156

To be matched with fan data sheet.  
On page 3/10 of fan data sheet , fan ring diameter is 2156.  
on page 4/10 of fan data sheet, fan ring diameter is 2155.

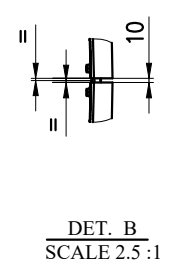


DET. A  
SCALE 2:1

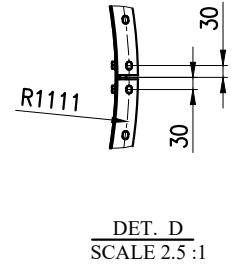
Please show the connection to plenum and Fan gaurd.



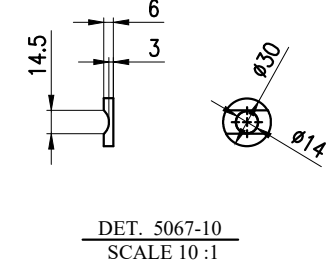
As per note 2 all bolt , nut and washer to be hot dip galvanized. There is Discrepancy with note 2.



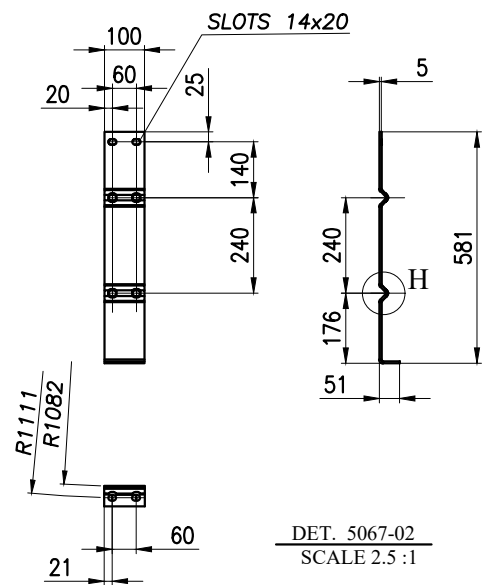
DET. B  
SCALE 2.5 :1



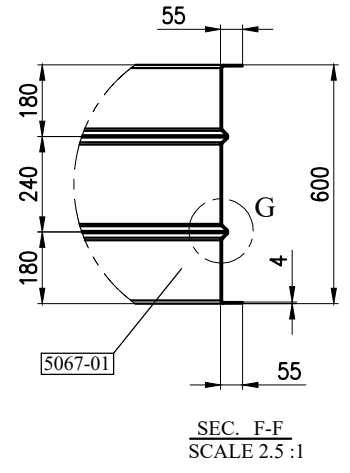
DET. D  
SCALE 2.5 :1



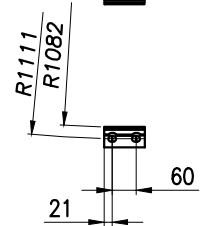
DET. 5067-10  
SCALE 10 :1



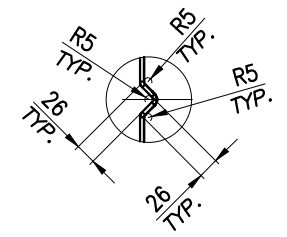
DET. 5067-02  
SCALE 2.5 :1



SEC. F-F  
SCALE 2.5 :1



DET. H  
SCALE 5 :1



DET. G  
SCALE 5:1

\* FOR MORE DETAILS FOR EACH COMPONENT OF AIR COOLER REFER TO BELOW DRAWING & DOCUMENTS.

REFERENCED DWG&DOC.

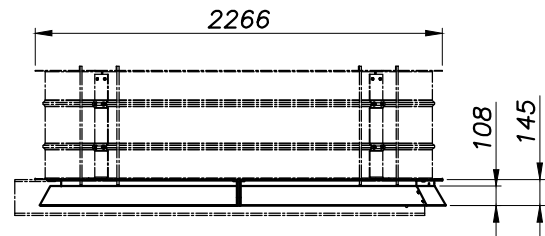
TITLE	VENDOR DOCUMENT NO.	CLIENT DOCUMENT NO.
General Arrangement Drawing	1158-A01-1000-00	EI027-DMF-VD-ME-DWG-003
Fan Drive Assembly Drawing	1158-A01-6000-00	EI027-DMF-VD-ME-DWG-008
Plenum Drawing	1158-A01-5110-00	EI027-DMF-VD-ME-DWG-011
Support Mechanism Drawing	1158-A01-6307-00	EI027-DMF-VD-ME-DWG-010
Axial Fan Data Sheet	1158-A01-6510-00	EI027-DMF-VD-ME-DSH-016
Surface Preparation and Painting Procedure for Air Cooler	1158-000-QS01-00	EI027-DMF-VD-QC-PRO-024

NOTES :  
1-ALL DIMENSION ARE IN MILLIMETERS.  
2-BOLTS, NUTS, WASHERS, THREADS, PARTS INCLUDES THREADS SHALL BE HOT DIP GALVANIZED.  
3- ALL PARTS HOT DIP GALVANIZING SHALL BE DONE AS PER ASTM-123/ISO 1461.  
4- THIS DRAWING IS COMPATIBLE WITH FAN DATA SHEET DOCUMENT NUMBER EI027-DMF-VD-ME-DSH-016 AND IT SHALL BE READ IN CONJUNCTION WITH RELEVANT DATA SHEET.

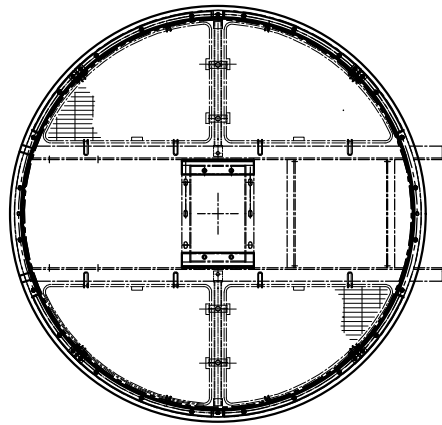
GENERAL DATA	
FAN DIA.	2134
FAN RING TYPE	CONICAL L/D=0.05
TIP CLEARANCE	11 mm

TOLERANCES			
THE FOLLOWING VALUES ARE APPLICABLE TO THE DIMENSIONS THAT ARE NOT PROVIDED WITH TOLERANCES ON DRAWING			
NOMINAL DIMENSIONS PER MILLIMETER STEPS	0	0.01	0.001
0	0.05	0.02	0.01
1	0.05	0.02	0.01
2	0.05	0.02	0.01
3	0.05	0.02	0.01
TOLERANCE ON OTHER DIMENSIONS IS ± 0.5			
THE TOLERANCES SHOWN HERE ARE NOT CUMULATIVE			

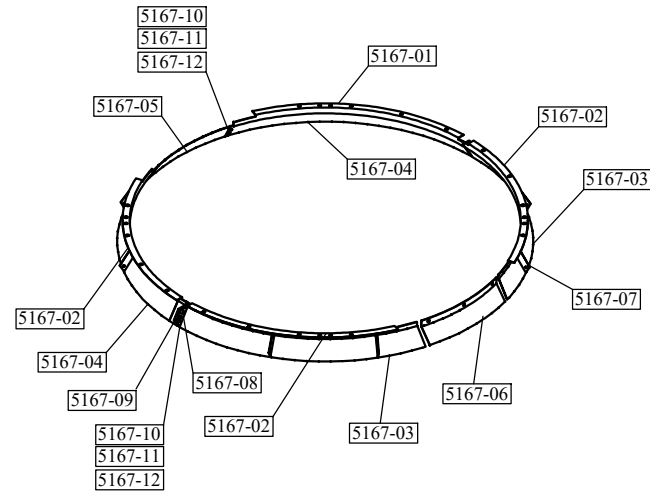
R0	08/10/2024	ISSUED FOR APPROVAL	F.SZ	F.A.	J.B.L	A.GHZ
REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY	FINAL APPROVED BY
CLIENT:			CONTRACTOR:			
PROJECT : AIR COOLER FOR Toase-eh Park Sanati Gohar Ofogh Petrochemical Co. Fan Ring & Conical Drawing 1158-A01-5067-00 (Sheet 1 of 2)						
DWG. NO.	EI027-DMF-VD-ME-DWG-009					
SCALE :	N.T.S.	SIZE :	A3	REV. :	R0	
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FRONT VIEW



TOP VIEW



5167-01&02 L40\*4

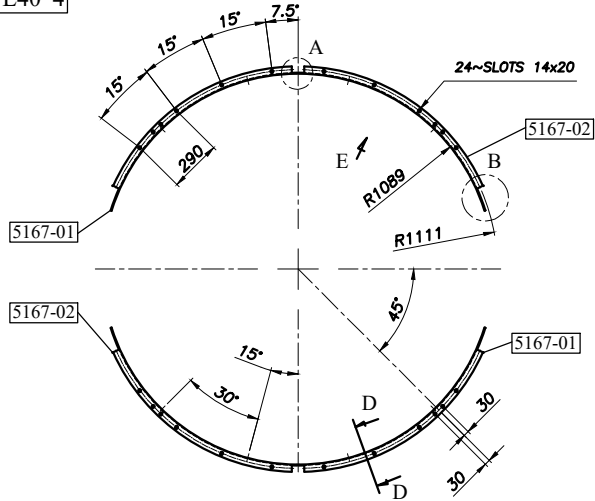
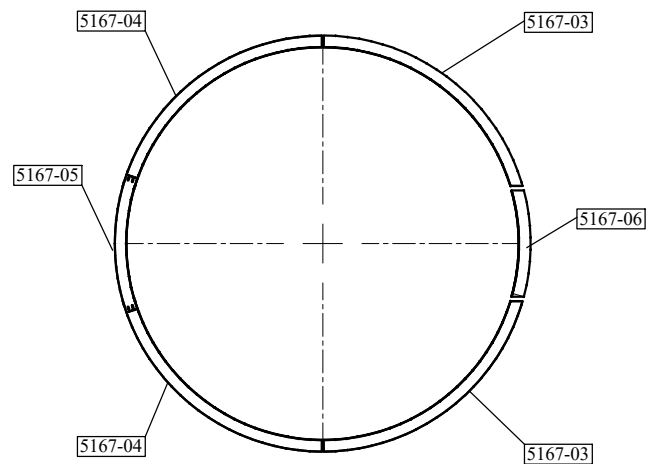
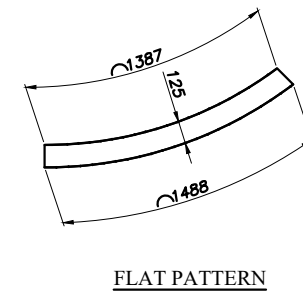


PLATE THK.=2mm

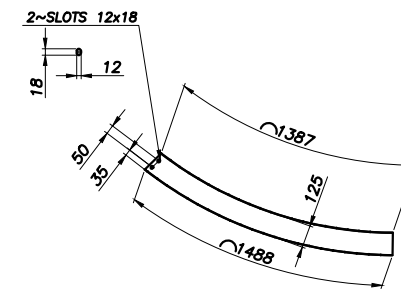


5167-03 THK.=2mm

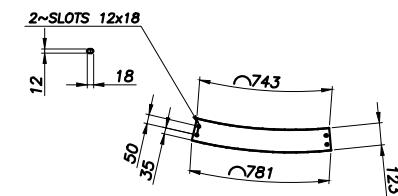


FLAT PATTERN

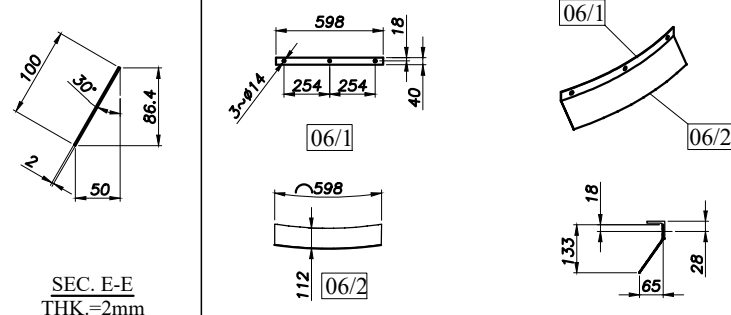
5167-04 THK.=2mm



5167-05 THK.=2mm

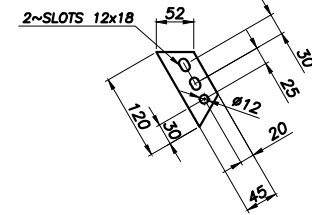


5167-06 THK.=2mm

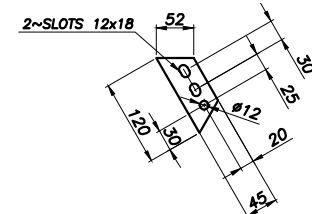


SEC. E-E THK.=2mm

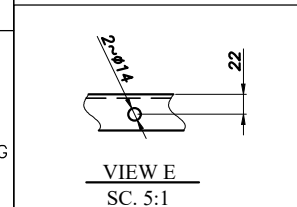
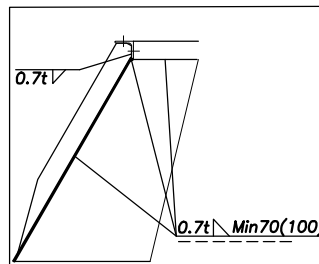
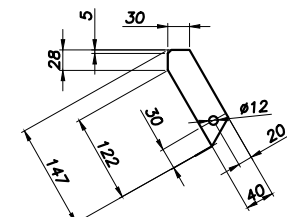
5167-09 THK.=10mm



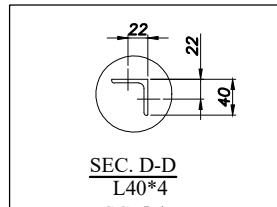
5167-08 THK.=5mm



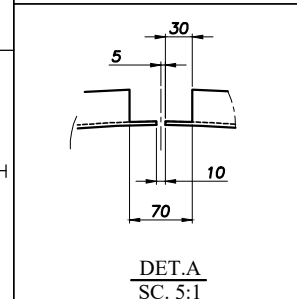
5167-07 THK.=3mm



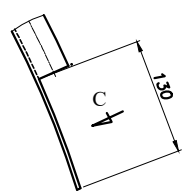
VIEW E SC. 5:1



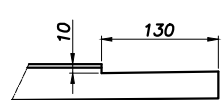
SEC. D-D L40\*4 SC. 5:1



DET.A SC. 5:1



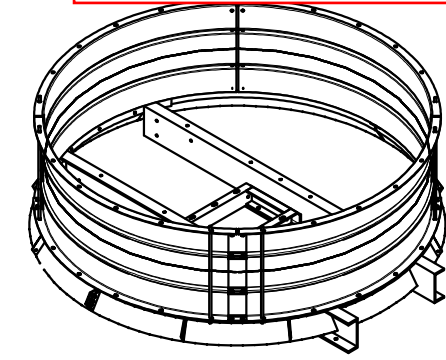
DET.B SC. 2:1



VIEW C SC. 5:1

PART LIST										
PART NO.	DESCRIPTION	DA	LENGTH	WIDTH	THK.	MATERIAL	QTY	Unit Weight	Total Weight	REV.
5167-01	CONICAL FAN RING FOR ONE SET INCLUDING	-	-	-	-	-	4	29	115	
5167-02	L40*4	-	1300	-	-	St-37(04k)	2	3	6.7	
5167-03	PLATE	-	-	-	2	St-37(04k)	2	2.8	5.6	
5167-04	PLATE	-	-	-	2	St-37(04k)	2	2	4.0	
5167-05	PLATE	-	-	-	2	St-37(04k)	1	1.5	1.5	
<b>5167-000 PLATE ASSEMBLY</b>										
5167-06	PLATE	-	-	-	2	St-37(04k)	1	0.39	0.4	
5167-07	PLATE	-	-	-	2	St-37(04k)	1	1	1.0	
5167-08	PLATE	-	147	40	2	-	6	6.1	1.1	
5167-09	PLATE	-	120	45	5	-	4	6.2	9.8	
5167-10	PLATE	-	120	45	10	DIN 1258-B	2	6.4	9.8	
5167-11	BOLT	M10	30	-	-	DIN 934-CL	6	0.1	0.6	
5167-12	NUT	M10	-	-	-	DIN 934-CL	6	-	-	
5167-13	WASHER	A11	-	-	-	DIN 1258-B	6	-	-	
5167-14	BOLT FOR CONNECTING TO SUPPORT MECHANISM	M12	30	-	-	DIN 934-CL	2	-	-	
5167-15	NUT	M12	-	-	-	DIN 934-CL	2	-	-	
5167-16	WASHER	A13	-	-	-	DIN 1258-B	2	-	-	
5167-17	BOLT FOR CONNECTING TO FAN RING	M12	40	-	-	DIN 934-CL	24	-	-	
5167-18	NUT	M12	-	-	-	DIN 934-CL	24	-	-	
5167-19	WASHER	A13	-	-	-	DIN 1258-B	24	-	-	

As per note 2 all bolt, nut and washer to be hot dip galvanized. There is Discrepancy with note 2.



R0	08/10/2024	ISSUED FOR APPROVAL	F.SZ	F.A.	J.B.L	A.GHZ
REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY	FINAL APPROVED BY
CLIENT:			CONTRACTOR:			
PROJECT : AIR COOLER FOR Toase-eh Park Sanati Gohar Ofogh Petrochemical Co.						
Fan Ring & Conical Drawing						
1158-A01-5167-00 (Sheet 2 of 2)						
DWG. NO.	E1027-DMF-VD-ME-DWG-009					
SCALE :	N.T.S.	SIZE :	A3	REV. :	R0	
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