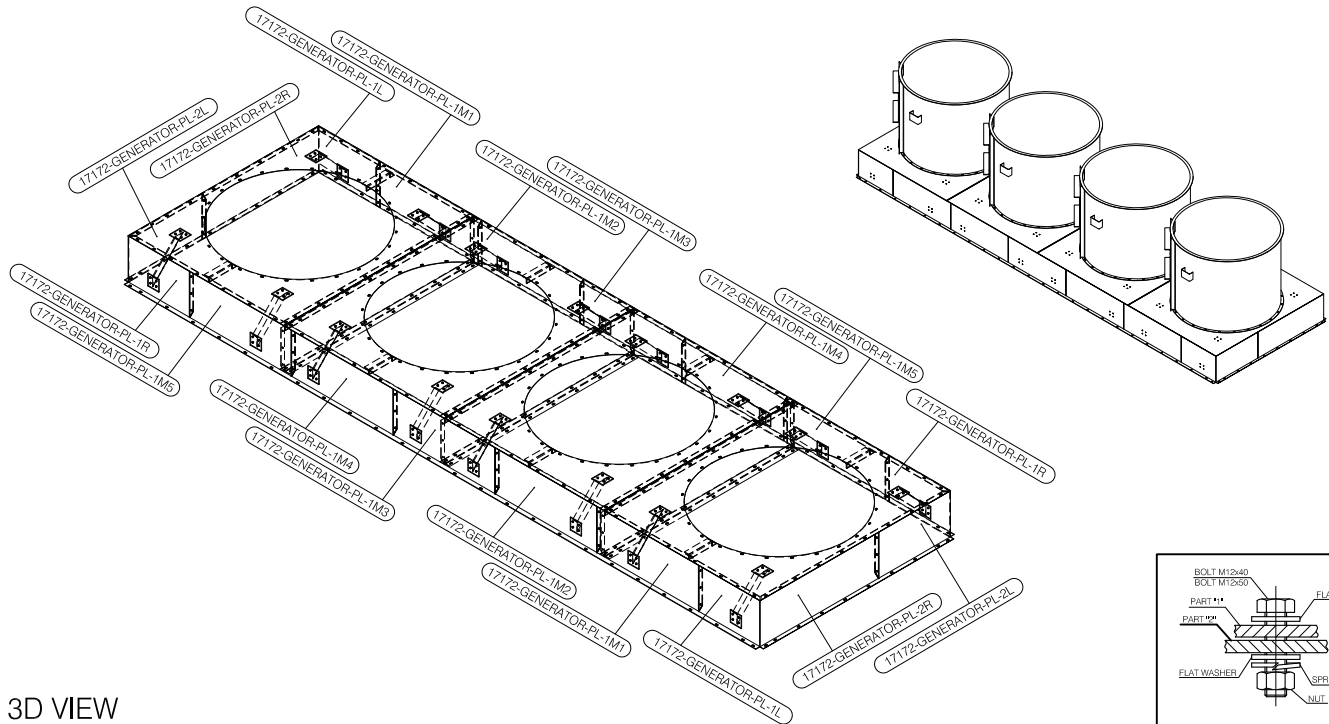
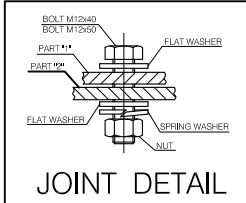


Rev.	Date	Description	Name
2	10.MAY.2020	AS BUILT	M.Shahparast

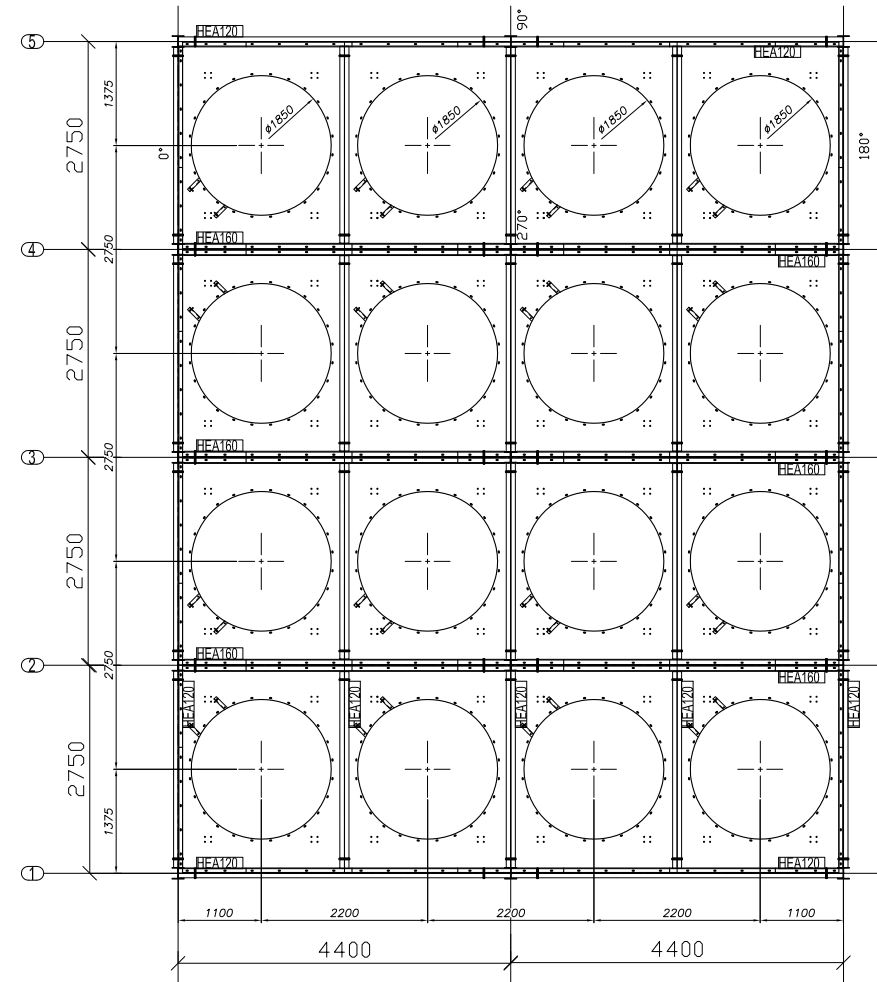
REFERENCE DRAWINGS		DWG NO.
General Arrangement Drawing Air Cooler for Generator Cooler & ICW		VD-17172-ME-DWG-023
Steel Structure Calculation Book for Generator Cooler		VD-17172-ME-CAL-018
Fan Data Sheet for Generator Cooler (Performance curve)		VD-17172-ME-DSH-004
Fan & Pulley Guard for Generator Cooler		VD-17172-ME-DWG-036

- GENERAL NOTES
- ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED .
 - MARKING : 17172-GENERATOR-PL-PART NO.
 - SURFACE PROTECTION : HOT DIP GALVANIZED ACCORDING TO ASTM A123 & A153 OR PAINTING ACCORDING TO VD-17172-ME-PRC-056
 - ALL BOLT ARE M12x40 BOLTING : DIN EN ISO 4017/ DIN EN ISO 4032 (HOT DIP GALVANIZED)
TWO FLAT WASHER : DIN 125
TOTAL REQUIRED QUANTITY FOR M12*40 : 555 (SETS/UNIT)
 - QUANTITY : ONE UNIT PER BAY

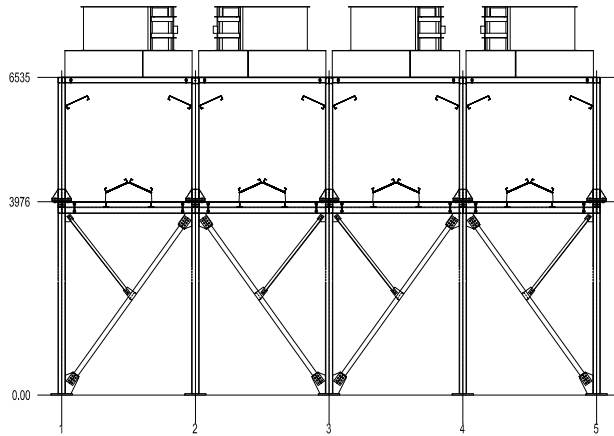
TOTAL: 4x6=24 UNITS



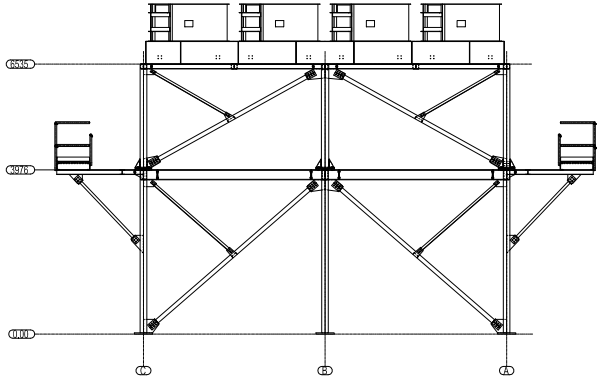
3D VIEW
N.T.S






PLAN VIEW
SCALE 1/100

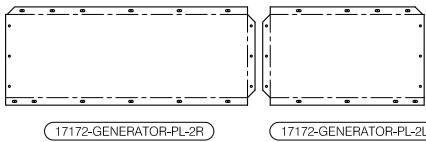
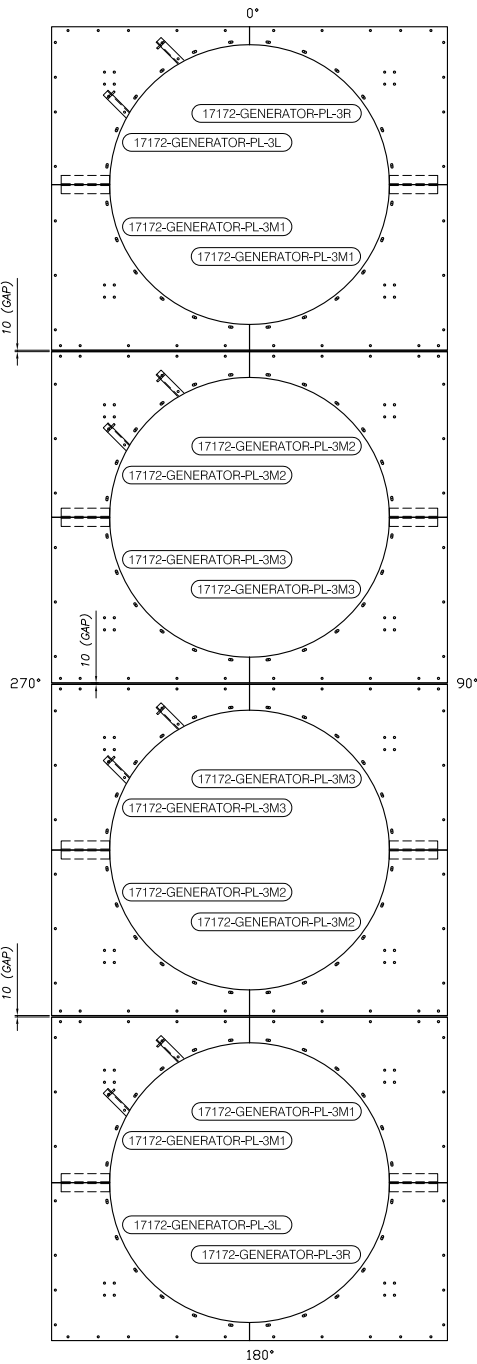
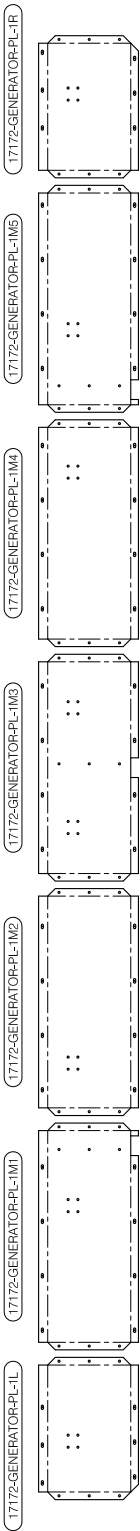
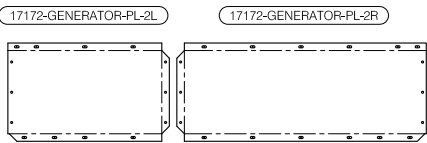
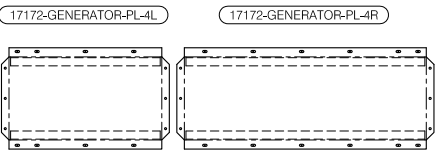


SIDE VIEW
N.T.S

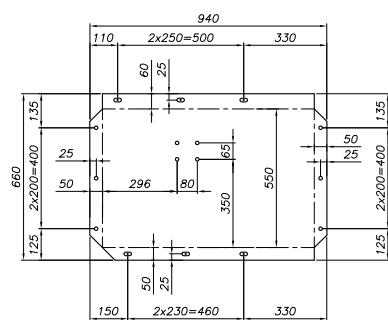


ELEVATION VIEW
N.T.S

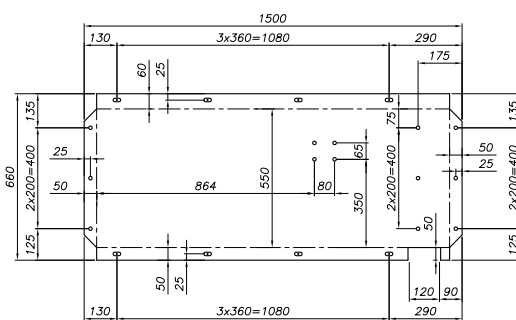
Project EXTREMELY HOT ZONE (NIYAM) - MGT 70		Title Plenum & Fan Ring for Generator Cooler										
Document No. VD-17172-ME-DWG-033												
Assembly No. -		Reference Document No. -				Document Type -						
	 Project No.: 17172	Designed by M.Shahparast			Release Date 01.01.2015			Weight(kg) -		Material -		
		Created by M.Shahparast										
		Checked by F.Mohammadi			Tolerance ISO 2768m		Unit mm	Scale A.S.	Format A3	Rev 2	Sheet 1/5	
		Approved by P.Karimizadeh										



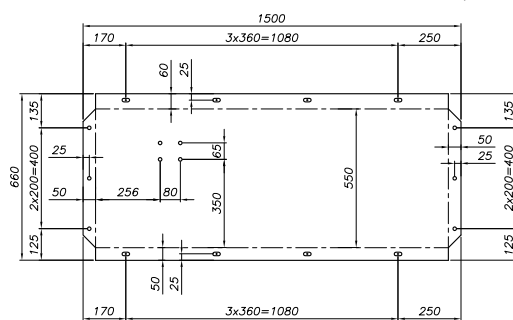
PLENUM & DECK PLATE - DEVELOPMENT VIEW
SCALE 1/50



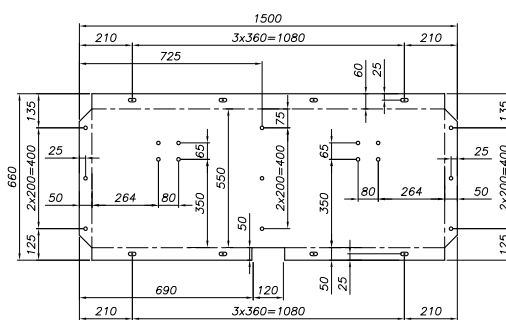
17172-GENERATOR-PL-1L (THK = 4)
(QTY = 2)



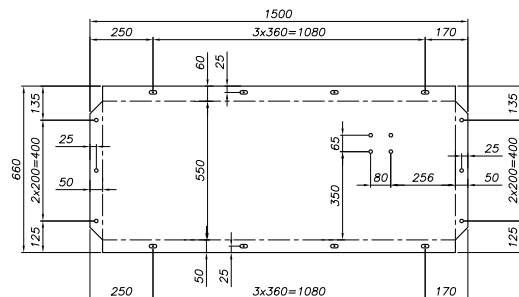
17172-GENERATOR-PL-1M1 (THK = 4)
(QTY = 2)



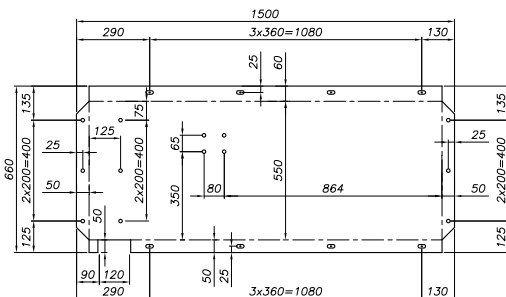
17172-GENERATOR-PL-1M2 (THK = 4)
(QTY = 2)



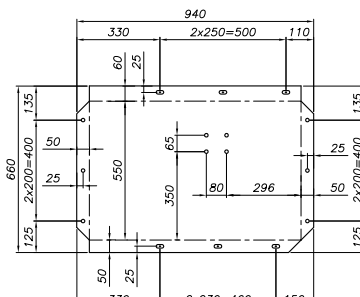
17172-GENERATOR-PL-1M3 (THK = 4)
(QTY = 2)



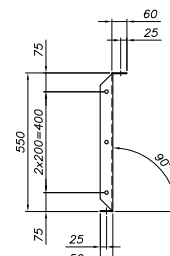
(17172-GENERATOR-PL-1M4) (THK = 4)
(QTY = 2)



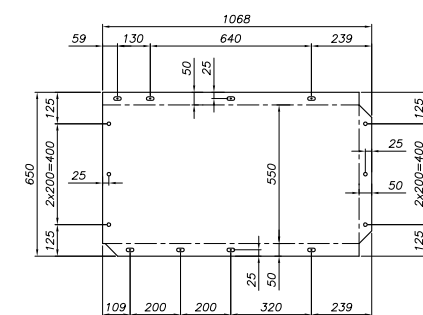
(17172-GENERATOR-PL-1M5) (THK = 4)
(QTY = 2)



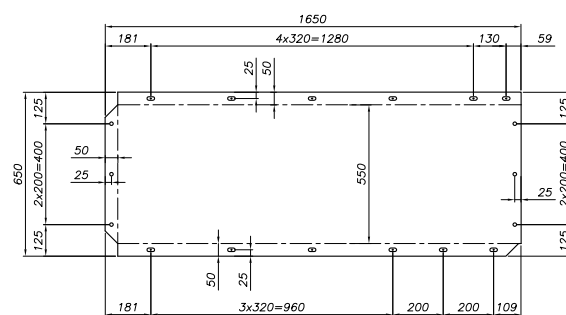
17172-GENERATOR-PL-1R (THK = 4)
(QTY = 2)



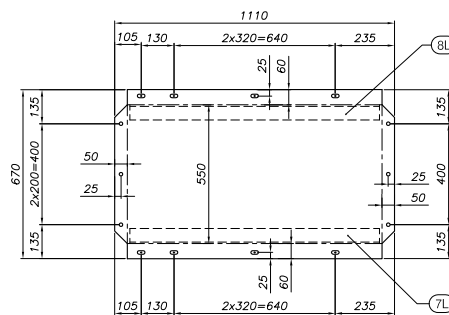
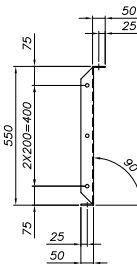
Rev.	Date	Description				Name
2	10.MAY.2020	AS BUILT				M.Shahparast
PART LIST FOR ONE UNIT						
No.	DIMENSION	MATERIAL	Qty.	U.Weight	T.Weight	MARKING
1L	940x660x4	A36	2	20	40	17172-GENERATOR-PL-1L
1R	940x660x4	A36	2	20	40	17172-GENERATOR-PL-1R
1M1	1500x660x4	A36	2	31	62	17172-GENERATOR-PL-1M1
1M2	1500x660x4	A36	2	31	62	17172-GENERATOR-PL-1M2
1M3	1500x660x4	A36	2	31	62	17172-GENERATOR-PL-1M3
1M4	1500x660x4	A36	2	31	62	17172-GENERATOR-PL-1M4
1M5	1500x660x4	A36	2	31	62	17172-GENERATOR-PL-1M5
2L	1068x650x4	A36	2	22	44	17172-GENERATOR-PL-2L
2R	1650x650x4	A36	2	34	68	17172-GENERATOR-PL-2R
3L	1044x1309x4	A36	2	22	44	17172-GENERATOR-PL-3L
3R	1044x1309x4	A36	2	22	44	17172-GENERATOR-PL-3R
3M1	1095x1309x4	A36	4	23	92	17172-GENERATOR-PL-3M1
3M2	1095x1309x4	A36	4	23	92	17172-GENERATOR-PL-3M2
3M3	1095x1309x4	A36	4	23	92	17172-GENERATOR-PL-3M3
4L	1110x670x4	A36	3	24	72	17172-GENERATOR-PL-4L
4R	1700x670x4	A36	3	36	108	17172-GENERATOR-PL-4R
5	L 60x60x6 - L320	A36	16	2	32	
6	L 80x80x8 - L552	A36	16	5.5	88	17172-GENERATOR-PL-6
7L	L 60x60x6 - L990	A36	3	5	15	
7R	L 60x60x6 - L1580	A36	3	8	24	
8L	L 60x60x6 - L990	A36	3	5	15	
8R	L 60x60x6 - L1580	A36	3	8	24	
9	PL 150x150x8	A36	32	1.5	48	
10	M12x40	A325	555 (SETS)	-	-	BOLT/NUT/2 F.WASHER/S.WASHER
				T.Weight (Kg)	1292	FOR ONE UNIT



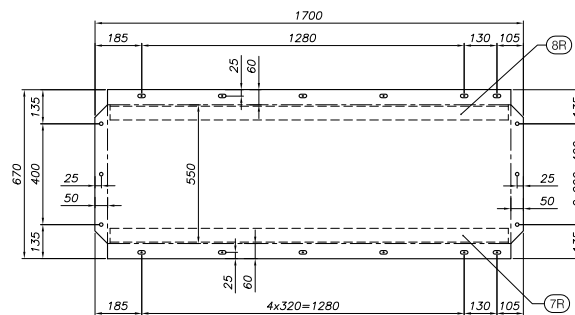
17172-GENERATOR-PL-2L (THK = 4)
(QTY = 2)



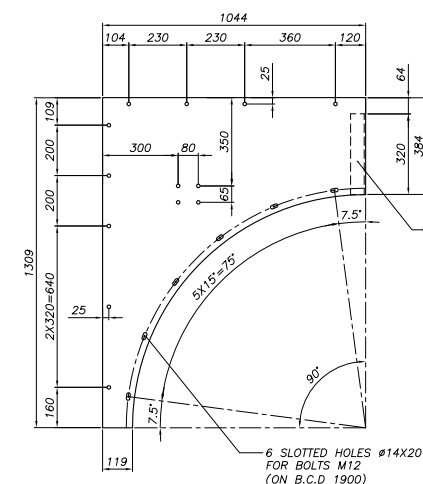
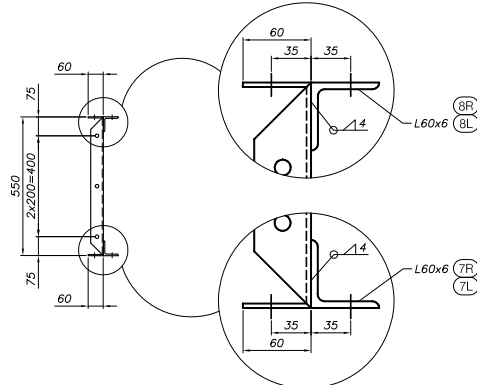
17172-GENERATOR-PL-2R (THK = 4)
(QTY = 2)



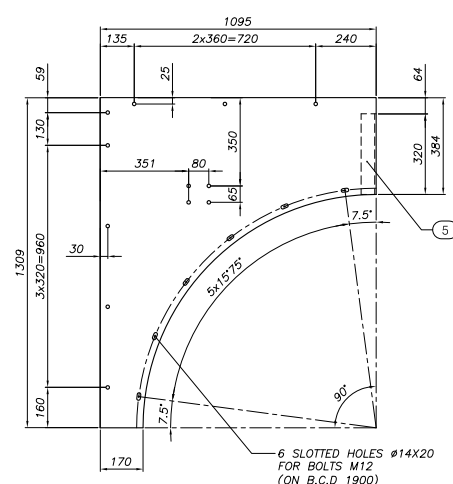
17172-GENERATOR-PL-4L (THK = 4)
(QTY = 3)



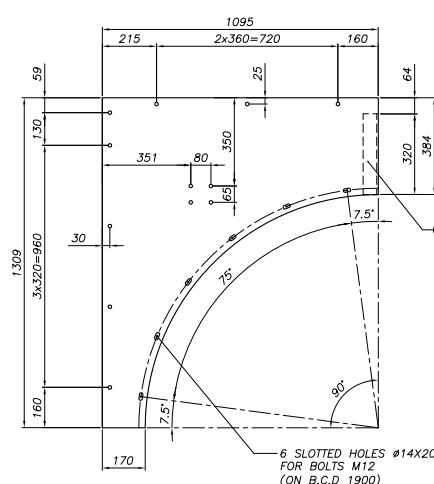
17172-GENERATOR-PL-4R (THK = 4
(QTY = 3



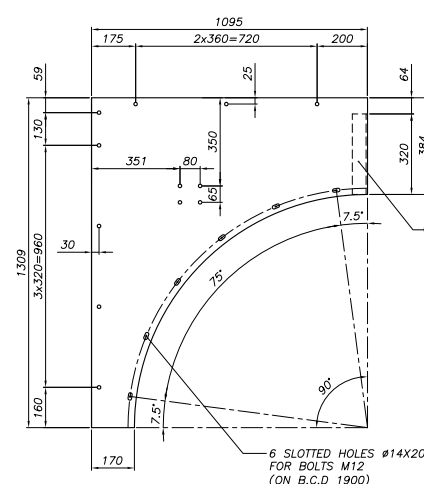
(ACC. TO VIEW SHOWN) 17172-GENERATOR-PL-3L (THK = 4)
(ACC. TO MIRRORED VIEW) 17172-GENERATOR-PL-3R (QTY = 4)



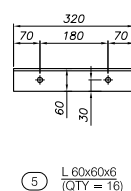
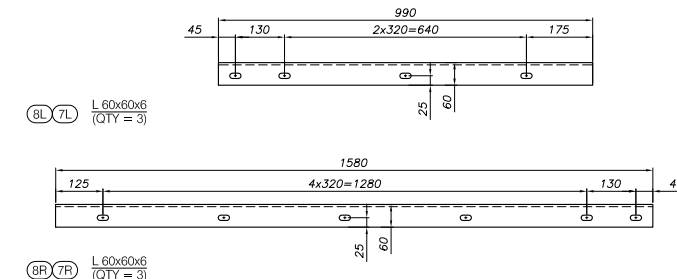
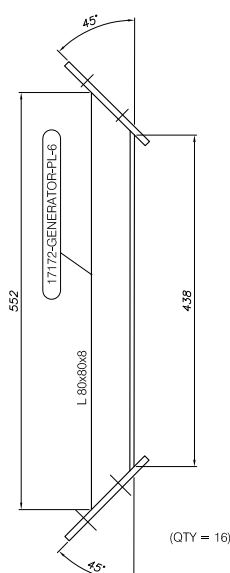
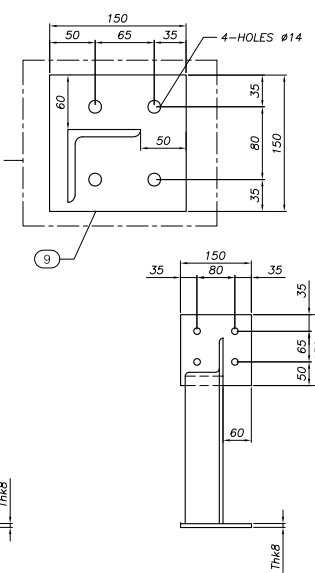
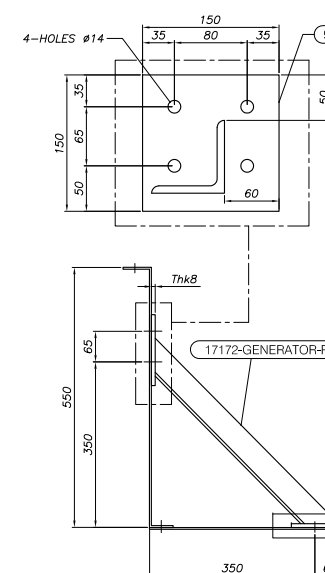
17172-GENERATOR-PL-3M1 (THK = 4)
(QTY = 4)






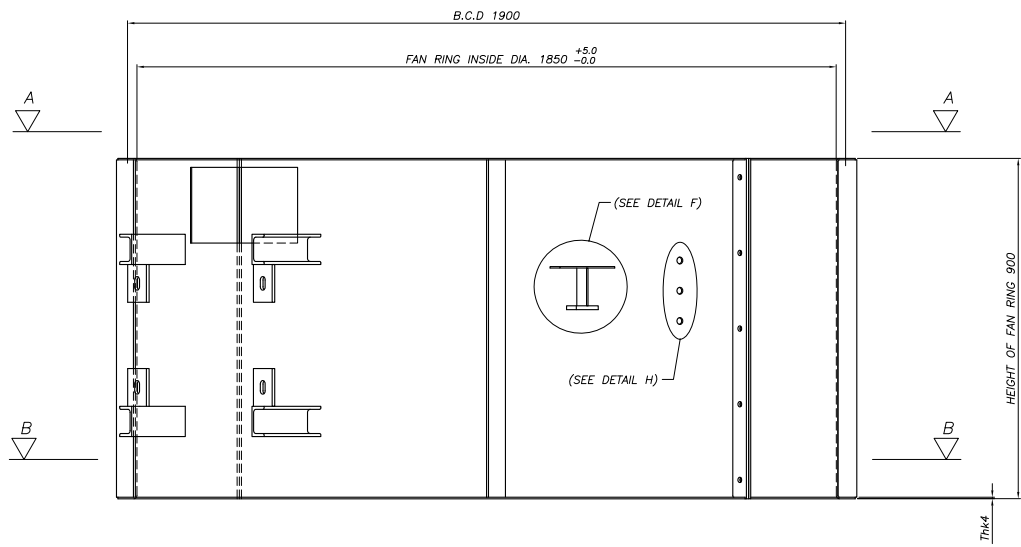
17172-GENERATOR-PL-3M2



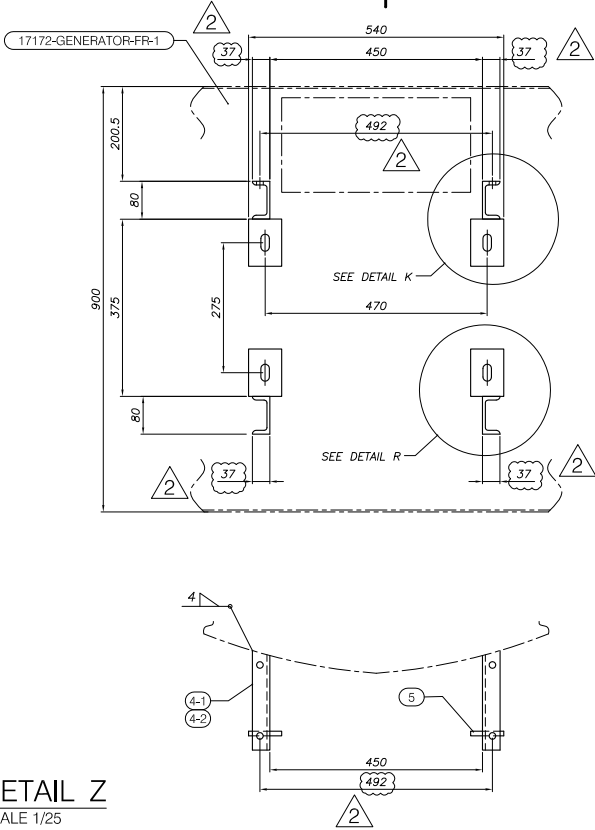
17172-GENERATOR-PL-3M3 (THK = 4)
(QTY = 4)



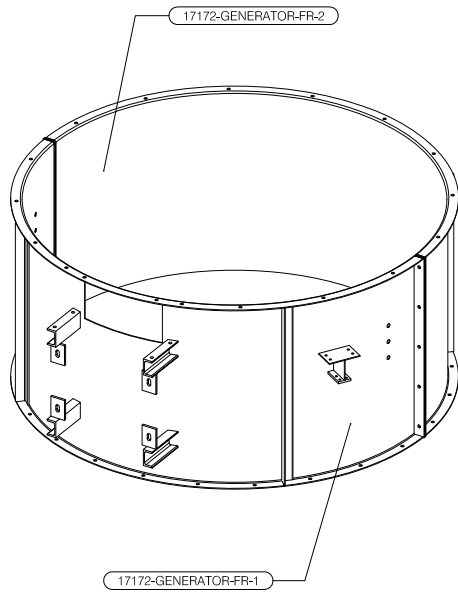
Project EXTREMELY HOT ZONE (NIYAM) - MGT 70		Title Plenum & Fan Ring for Generator Cooler									
Document No. VD-17172-ME-DWG-033											
Assembly No. -		Reference Document No. -				Document Type -					
		Designed by M.Shahparast			Release Date 01.01.2015			Weight(kg) -		Material -	
		Created by M.Shahparast									
	Project No.: 17172		Checked by F.Mohammadi			Tolerance ISO 2768m		Unit mm	Scale A.S.	Format A3	Rev 2
		Approved by P.Karimizadeh									



FAN RING VIEW
SCALE 1/20



DETAIL Z
SCALE 1/25



3D VIEW
N.T.S

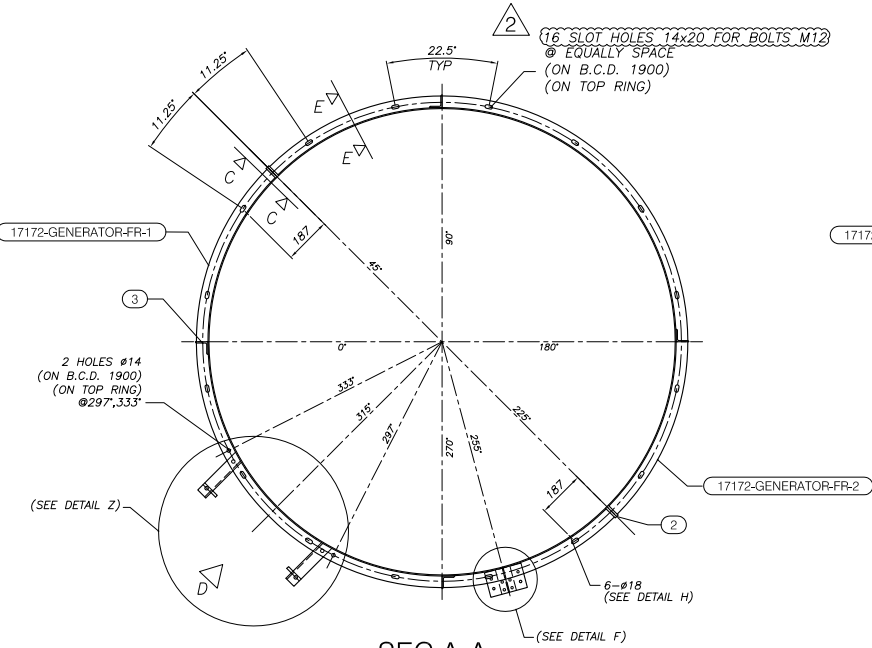
Rev.	Date	Description	Name
2	10.MAY.2020	AS BUILT	M.Shahparast

PART LIST FOR ONE FAN RING					
No.	DIMENSION	MATERIAL	Qty.	U.Weight	T.Weight
1L	2915x1000x4	A36	1	92	92
1R	2915x1000x4	A36	1	92	92
2	PL 900x55x8	A36	4	3.2	12.8
3	L 50x5 - L892	A36	4	3.3	13.2
04-1	UPN 80x37 - L213	A36	2	2.1	4.2
04-2	UPN 80x37 - L213	A36	2	2.1	4.2
5	PL 100x70x10	A36	4	1	4
06-1	PL 150x100x4	A36	1	0.5	0.5
06-2	PL 100x60x10	A36	1	0.35	0.35
06-3	PL 100x100x4	A36	1	0.4	0.4
7	M12x40	A325	10(SETS)	-	-
				T.Weight (Kg)	223.65

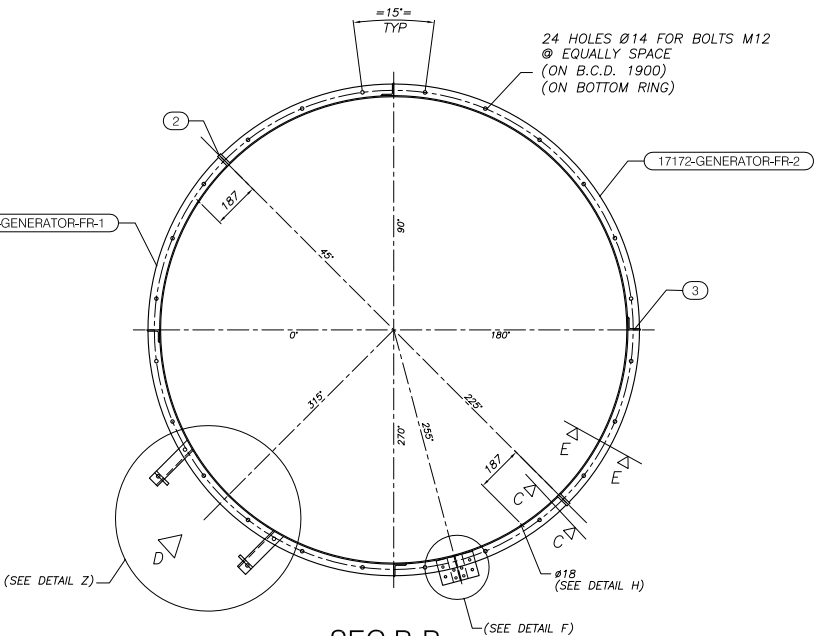
GENERAL NOTES

- ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED .
- MARKING : 17172-GENERATOR-FR-PART NO.
- SURFACE FINISHING :
HOT DIP GALVANIZED ACCORDING TO ASTM A123 & A153 OR PAINTING ACCORDING TO: VD-17172-ME-PRC-056
- ALL BOLT ARE M12x40
BOLTING : DIN EN ISO 4017/ DIN EN ISO 4032 (HOT DIP GALVANIZED)
TWO FLAT WASHER : DIN 125
- PART POS. 1,2 CAN BE BEND OR FABRICATED WITH 2 PARTS INCLUDING VERTICAL PLATE AND HORIZONTAL PLATE THAT WELDED TOGETHER.
- QUANTITY : ONE UNIT PER BAY

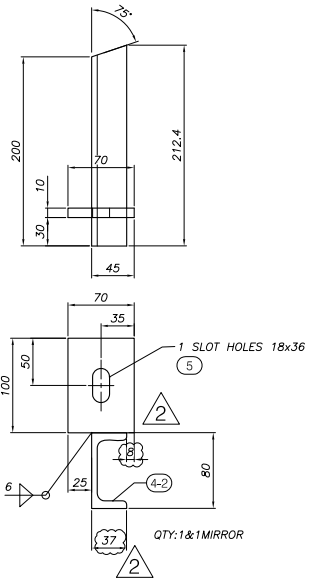
TOTAL: 16x6=96 UNITS
BUILD 12 UNITS AS PLANNED AND 12 UNITS SHALL BE BUILD AS MIRRORS FROM 0'.



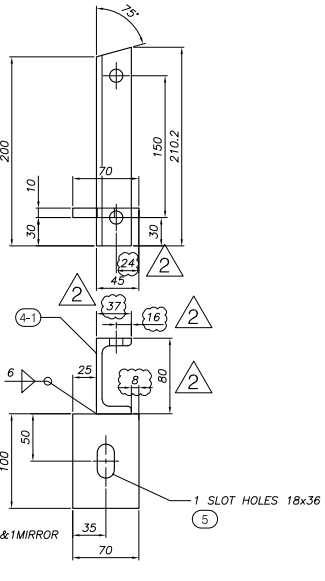
SEC A-A
SCALE 1/30



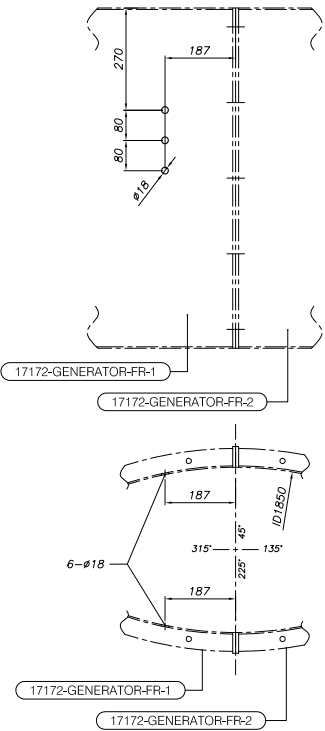
SEC B-B
SCALE 1/30



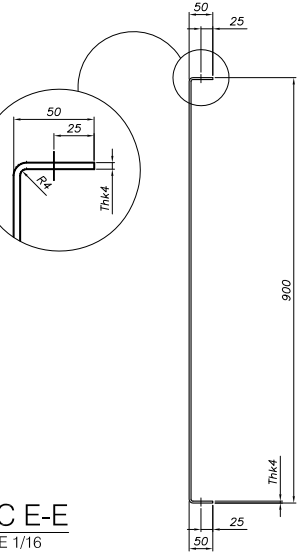
DETAIL R
SCALE 1/8



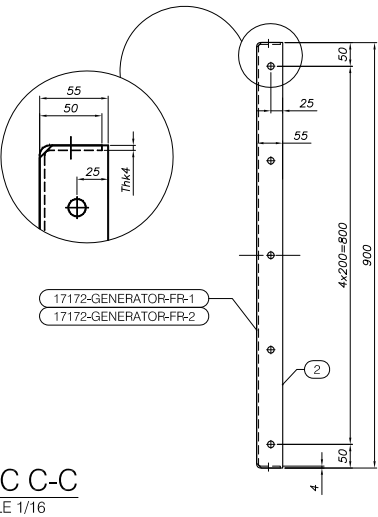
DETAIL K
SCALE 1/8



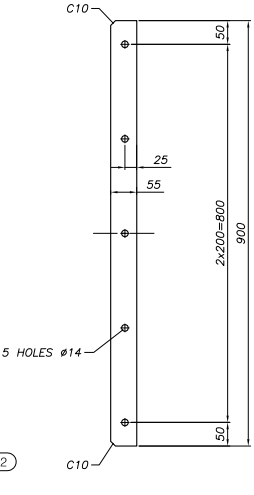
DETAIL H
SCALE 1/20



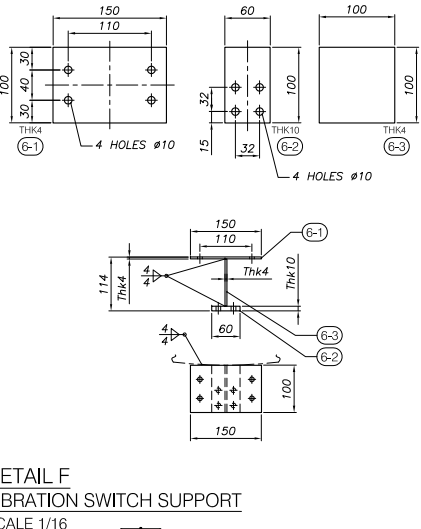
SEC E-E
SCALE 1/16



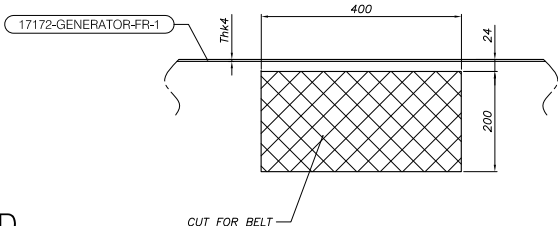
SEC C-C
SCALE 1/16






PART
SCALE 1/16



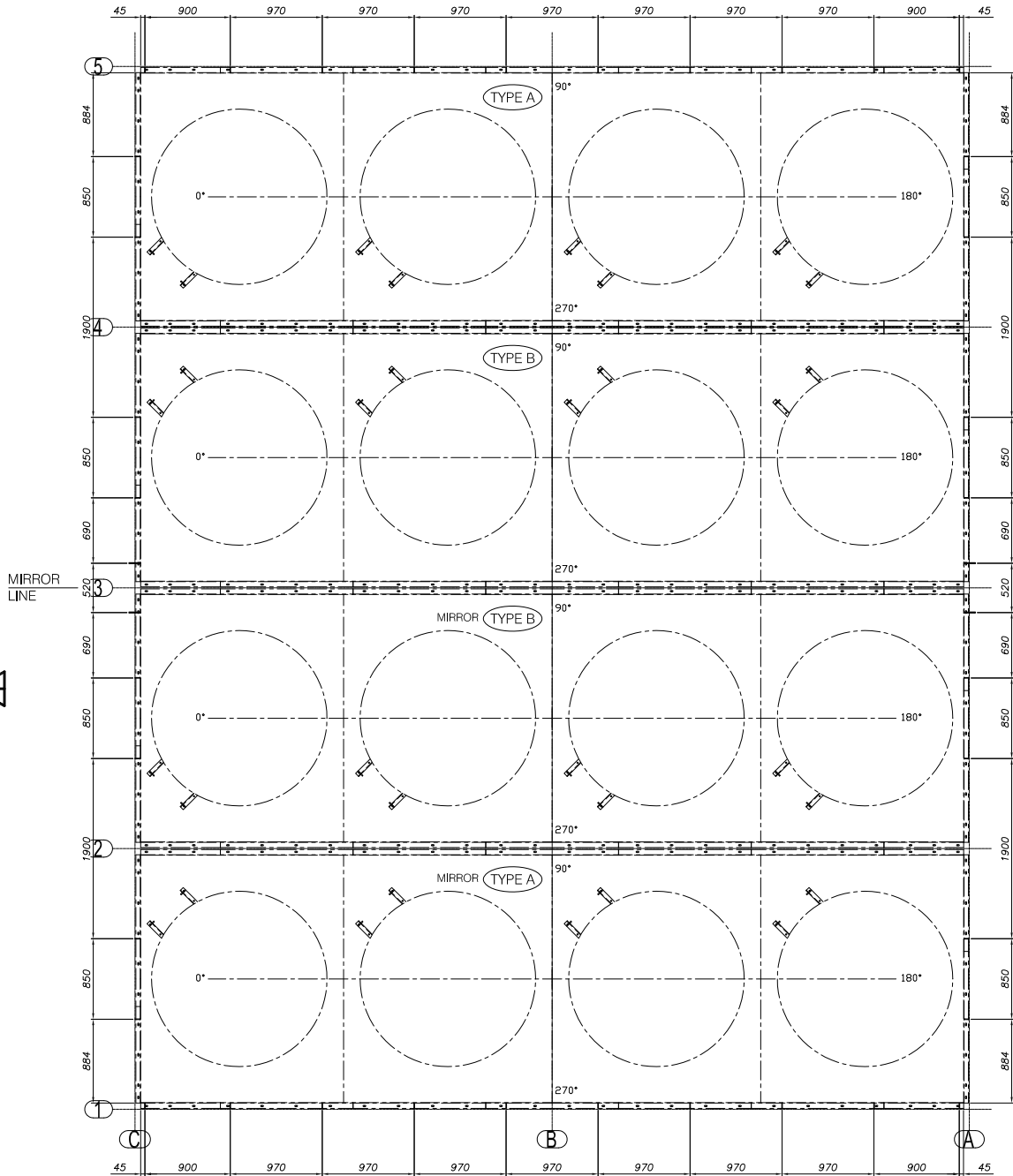
DETAIL F
VIBRATION SWITCH SUPPORT
SCALE 1/16



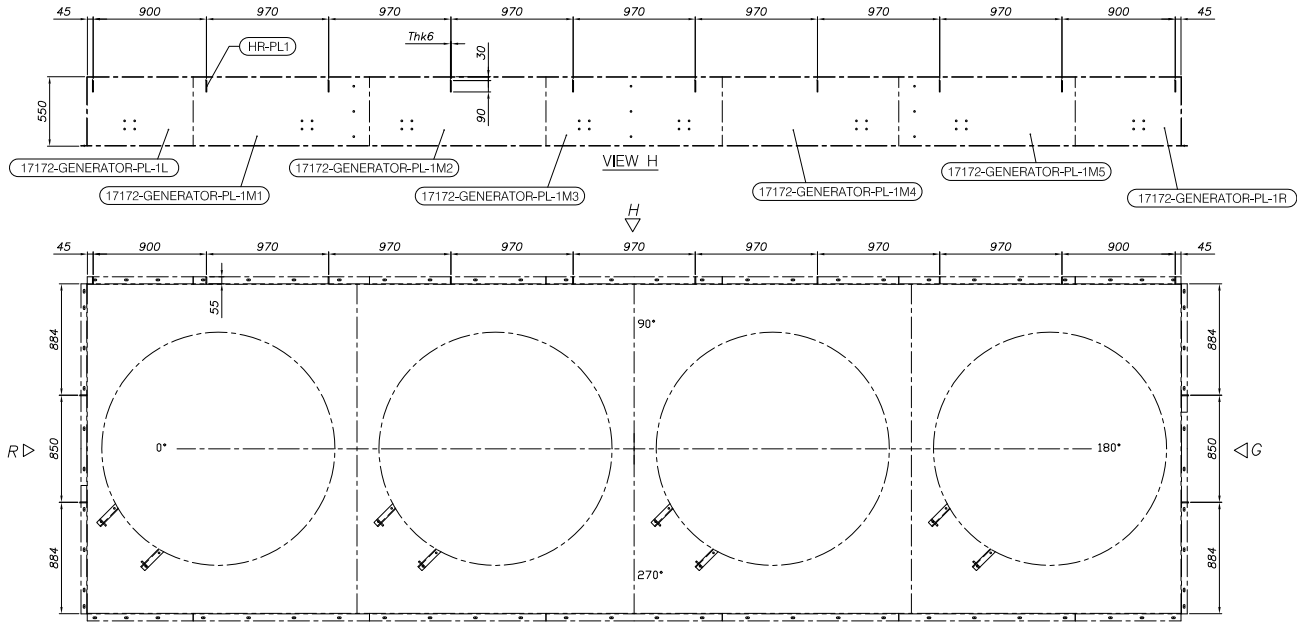
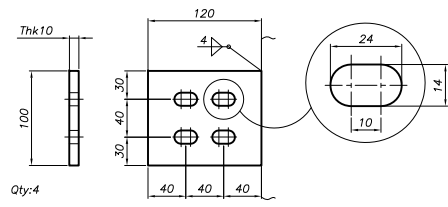
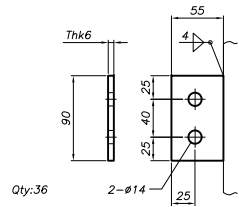
VIEW D
SCALE 1/16

Project		Title										
EXTREMELY HOT ZONE (NIYAM) - MGT 70		Plenum & Fan Ring for Generator Cooler										
Document No.												
VD-17172-ME-DWG-033												
Assembly No.		Reference Document No.					Document Type					
-		-					-					
		Designed by M.Shahparast			Release Date			Weight(kg)		Material		
		Created by M.Shahparast			01.01.2015			-		-		
		Checked by F.Mohammadi			Tolerance		Unit	Scale	Format	Rev	Sheet	
		Approved by P.Karimizadeh			ISO 2768m							mm
Project No.: 17172												

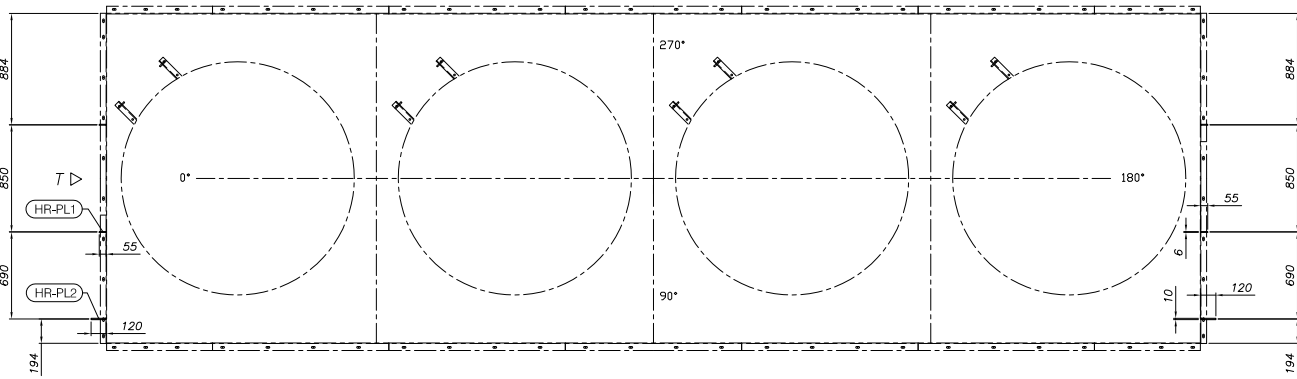
Rev.	Date	Description	Name			
2	10.MAY.2020	AS BUILT	M.Shahparast			
PART LIST FOR ONE PROCESS UNIT (4 BAYS)						
No.	DIMENSION	MATERIAL	Qty.	U.Weight	T.Weight	MARKING
PL1	PL 90x55x6	A36	36	0.3	10.8	HR-PL1
PL2	PL 120x100x10	A36	4	1	4	HR-PL2
3	M12x40	A325	90(SETS)	-	-	BOLT/NUT/2 F.WASHER/S.WASHER
				T.Weight (Kg)	14.8	FOR ONE UNIT
GENERAL NOTES						
TOTAL: 6 PROCESS UNITS (24 BAYS)						



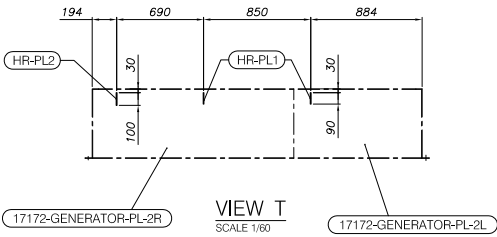
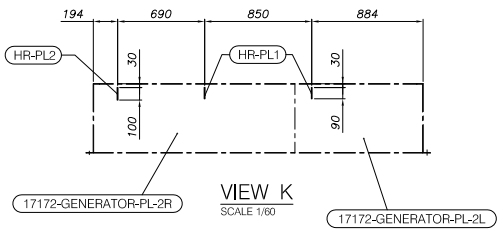
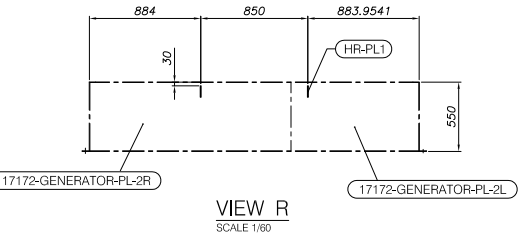
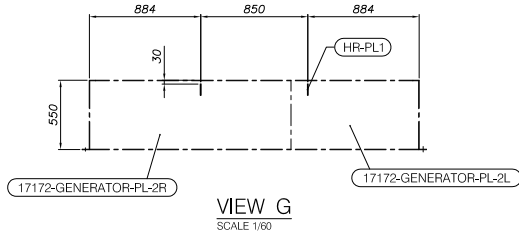
HAND RAIL POST PLAN
SCALE 1/70






PLAN VIEW (TYPE A)
SCALE 1/60
Qty: 1 & 1 MIRROR



PLAN VIEW (TYPE B)
SCALE 1/60
Qty: 1 & 1 MIRROR



Project EXTREMELY HOT ZONE (NIYAM) - MGT 70		Title Plenum & Fan Ring for Generator Cooler										
Document No. VD-17172-ME-DWG-033												
Assembly No. -		Reference Document No. -				Document Type -						
	 Project No.: 17172	Designed by M.Shahparast		Release Date			Weight(kg)		Material			
		Created by M.Shahparast		01.01.2015			-		-			
		Checked by F.Mohammadi		Tolerance		Unit	Scale	Format	Rev	Sheet		
		Approved by P.Karimizadeh		ISO 2768m							mm	A.S.