

4 HEIGHT TEXT TO BE ENGRAVED 1 DEEP  
AND FILLED WITH BLACK PAINT

DETAIL C    DETAIL D

SL No	REFERENCE	DESCRIPTION	QTY
1	A	∅4.5	4
2	B	∅5.1	6

REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	ITEM	QTY
0		03.12.15	ORIGINAL				44	1
1								
2								
3								
4								

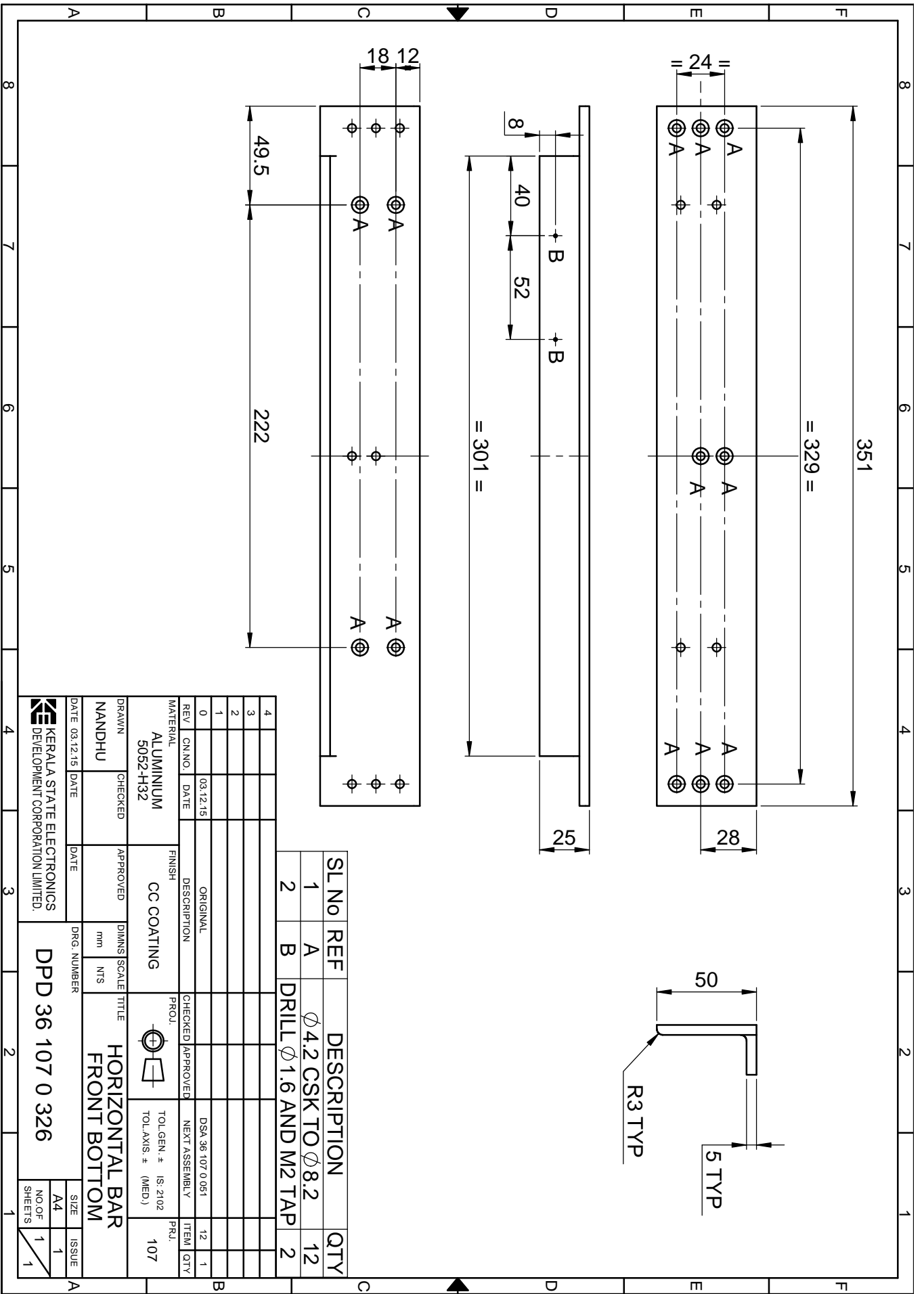
MATERIAL	ALUMINIUM 5052 - H32	FINISH	CC COATING	PROJ.	DSA 36 107 0 051	CHECKED	APPROVED	PRJ.	107
DRAWN	NANDHU	CHECKED							
DATE	03.12.15	DATE							

DRG. NUMBER	DPD 36 107 0 508	SIZE	A4	ISSUE	1
		NO. OF SHEETS	1		1

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

LF FIXING PLATE



SL No	REF	DESCRIPTION	QTY
1	A	Ø 4.2 CSK TO Ø 8.2	12
2	B	DRILL Ø 1.6 AND M2 TAP	2

REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL. GEN. #	IS: 2102	PRJ.
0		03.12.15	ORIGINAL				DSA 36 107 0 051		12
1							NEXT ASSEMBLY		1
2									
3									
4									

MATERIAL	FINISH	PROJ.	TOL. GEN. #	IS: 2102	PRJ.
ALUMINIUM 5052-H32	CC COATING				107

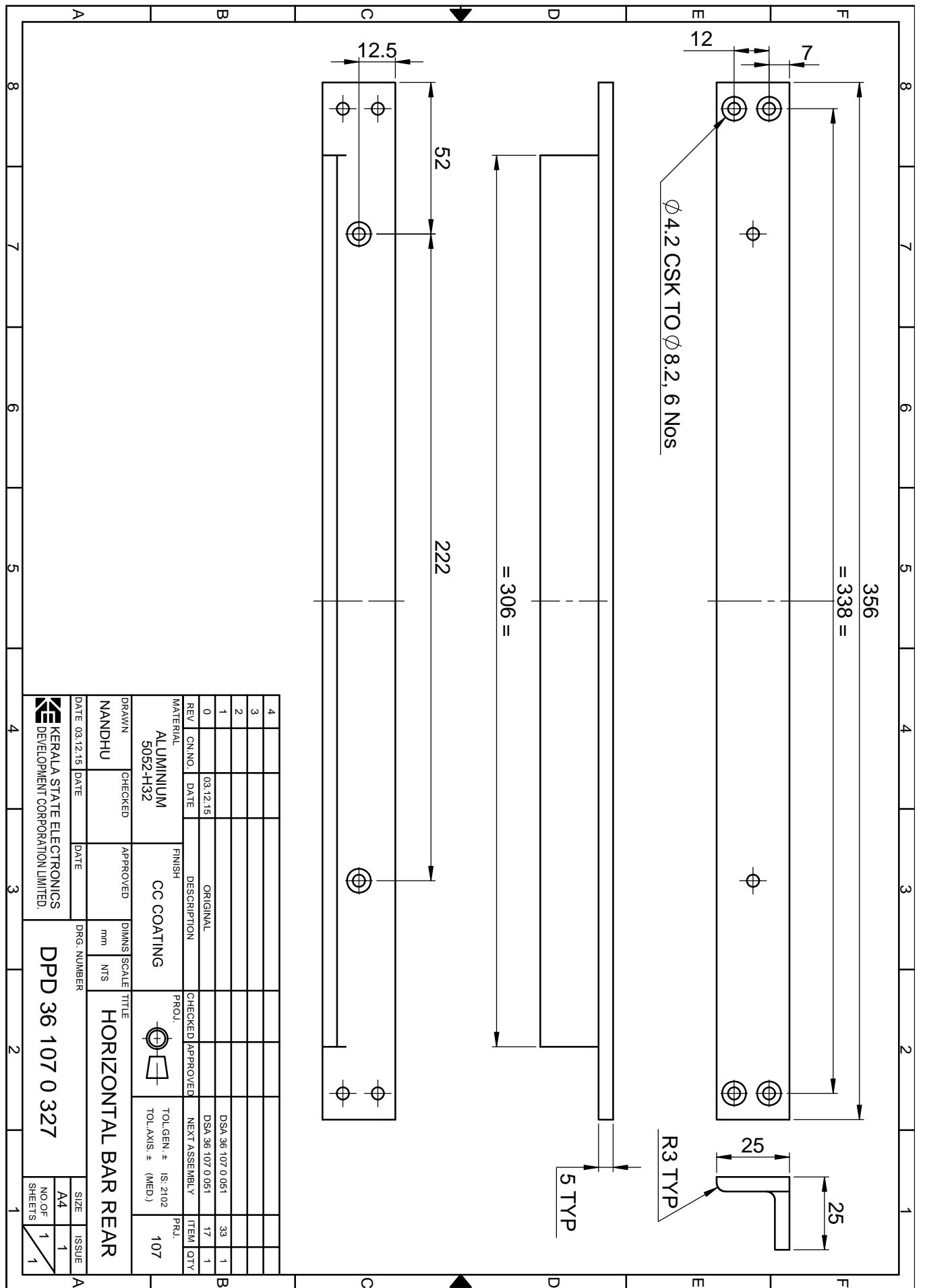
DRAWN	CHECKED	APPROVED	DIMS SCALE	TITLE
NANDHU			mm NTS	HORIZONTAL BAR FRONT BOTTOM

DATE 03.12.15 DATE DATE

DRG. NUMBER  
DPD 36 107 0 326

SIZE	ISSUE
A4	1
NO. OF SHEETS	1 / 1

KERALA STATE ELECTRONICS  
DEVELOPMENT CORPORATION LIMITED.



$\phi$ 4.2 CSK TO  $\phi$ 8.2, 6 Nos

R3 TYP

5 TYP

356  
= 338 =

= 306 =

222

52

12.5

12  
7

25  
25

REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL GEN. #	ITEM	QTY
0		03.12.15	ORIGINAL				IS-2102	17	1
1							DSA 36 107 0 051	33	1
2							DSA 36 107 0 051	17	1
3									
4									

MATERIAL	FINISH	CHECKED <td>APPROVED <td>DRG. NUMBER <td>TITLE <td>SIZE <td>ISSUE</td> </td></td></td></td>	APPROVED <td>DRG. NUMBER <td>TITLE <td>SIZE <td>ISSUE</td> </td></td></td>	DRG. NUMBER <td>TITLE <td>SIZE <td>ISSUE</td> </td></td>	TITLE <td>SIZE <td>ISSUE</td> </td>	SIZE <td>ISSUE</td>	ISSUE
ALUMINIUM	CC COATING	NANDHU		DPD 36 107 0 327	HORIZONTAL BAR REAR	A4	1
5052-H32						NO. OF SHEETS	1
							1

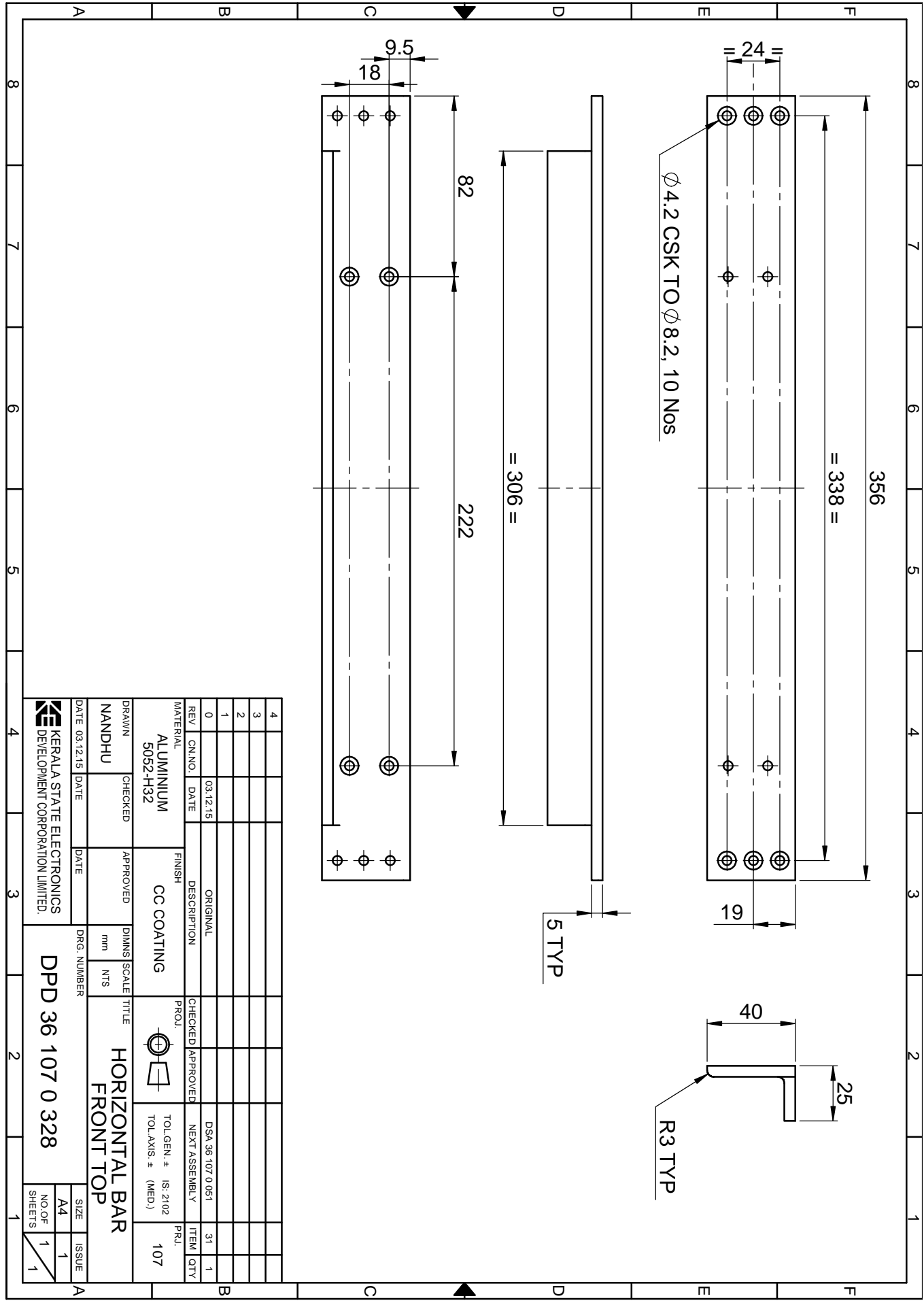
  

DRAWN	CHECKED	APPROVED	DATE	DATE	DATE
NANDHU					

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 327

NO. OF SHEETS: 1/1



Φ4.2 CSK TO Φ8.2, 10 Nos

5 TYP

R3 TYP

4																						
3																						
2																						
1																						
0																						
REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL.GEN.#	NEXT ASSEMBLY	ITEM	QTY	PRJ.											
		03.12.15	ORIGINAL				DSA 36 107 0 051		31	1	107											
MATERIAL																						
ALUMINIUM																						
5052-H32																						
FINISH																						
CC COATING																						
DRAWN																						
NANDHU																						
CHECKED																						
APPROVED																						
DATE																						
DATE																						

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

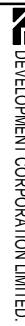
DRG. NUMBER  
DPD 36 107 0 328

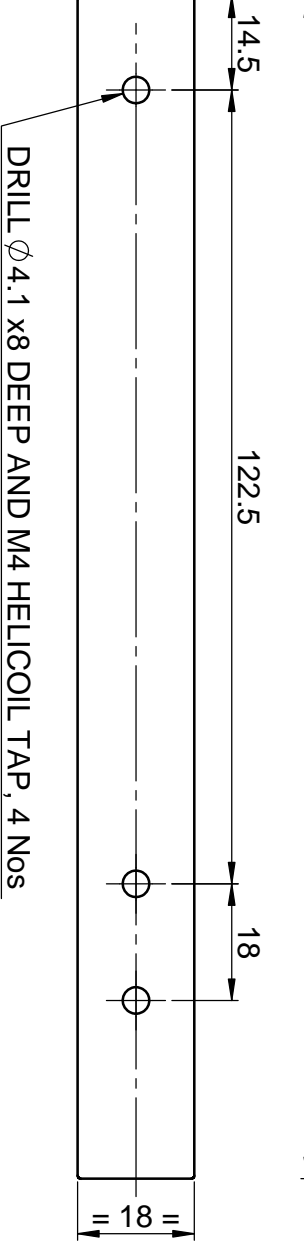
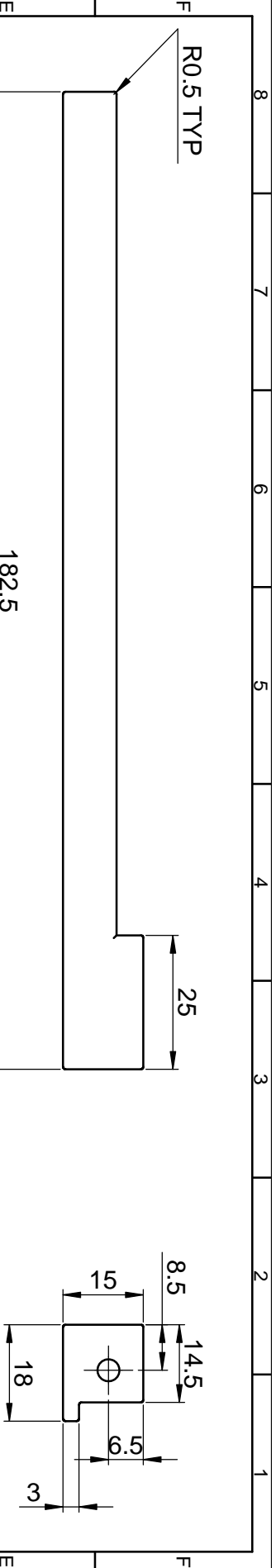
SIZE  
A4

NO. OF SHEETS  
1

ISSUE  
1

TITLE  
HORIZONTAL BAR  
FRONT TOP





NOTE:  
AVOID SHARP CORNERS AND EDGES

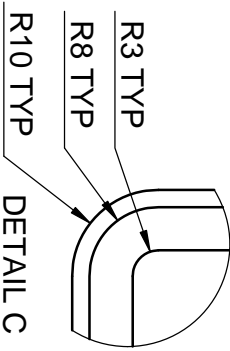
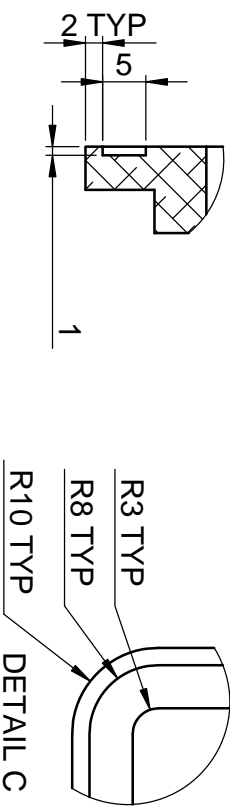
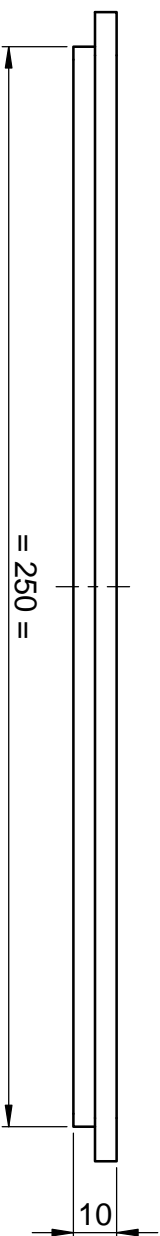
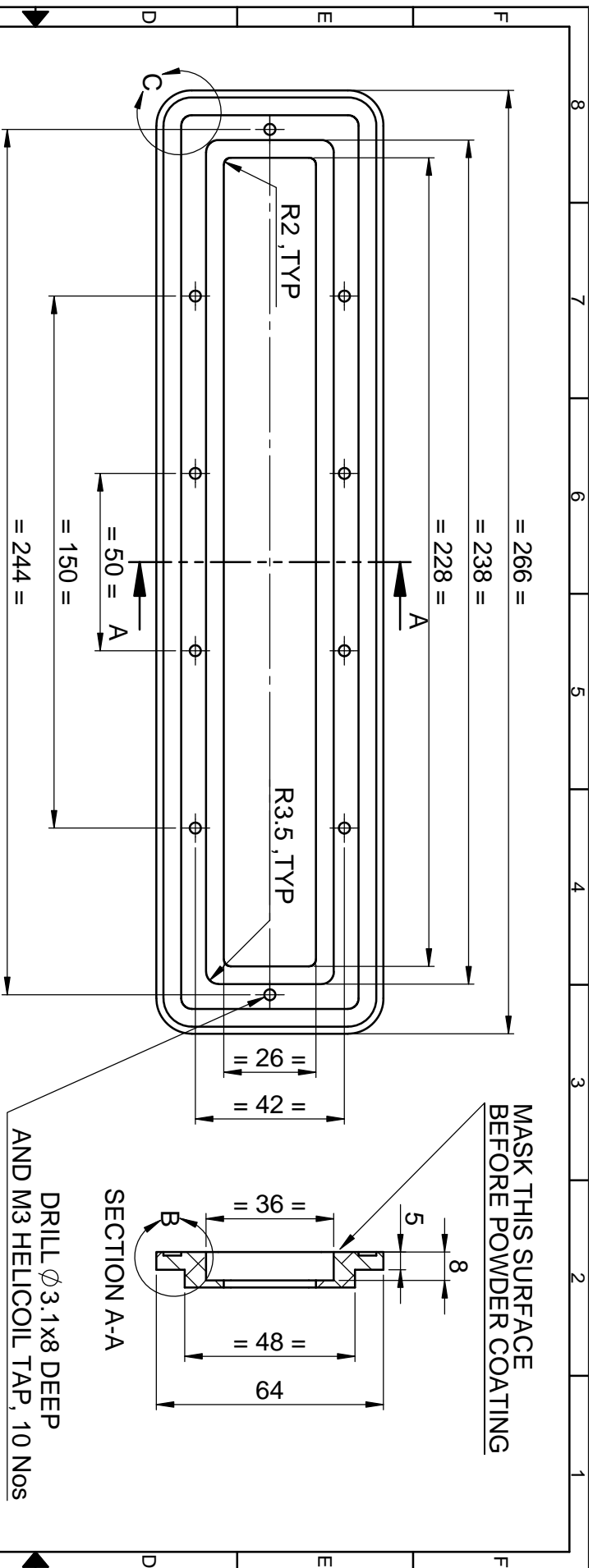
4																					
3																					
2																					
1																					
0																					
REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL. GEN. #	IS: 2102	PRJ.	ITEM	QTY										
		03.12.15	ORIGINAL				DSA 36 107 0 051			22	1										
MATERIAL																					
ALUMINIUM ALLOY, HE30																					
FINISH																					
CC COATING																					
DRAWN																					
NANDHU																					
CHECKED																					
APPROVED																					
DATE																					
03.12.15																					
DIMENS																					
SCALE																					
TITLE																					
SLIDING BAR-1																					
DRG. NUMBER																					
DPD 36 107 0 329																					
SIZE																					
A4																					
NO. OF SHEETS																					
1																					
ISSUE																					
1																					



KERALA STATE ELECTRONICS  
DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 329





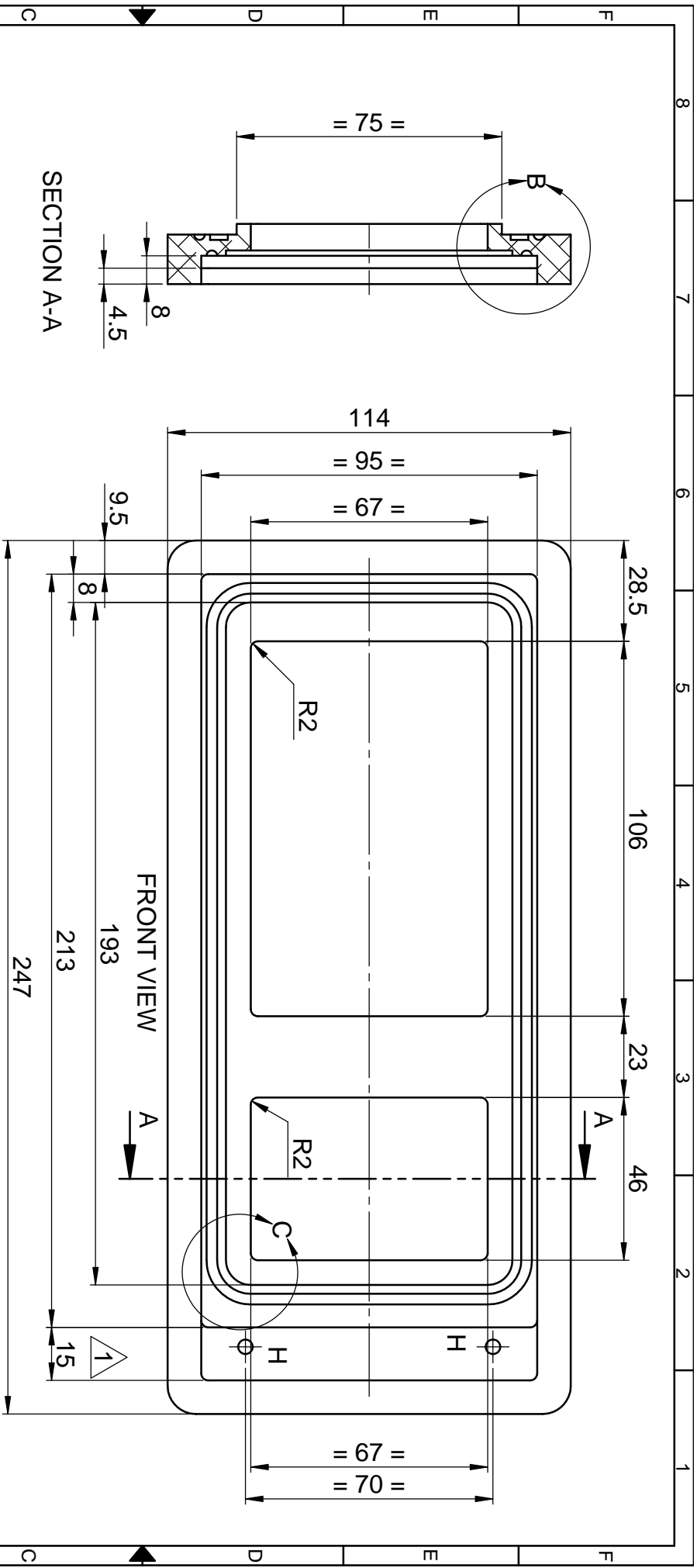
NOTE: POWDER COATING DA GREY IS:5 SHADE NO:632 WITH  
STRUCTURE FINISH AFTER C.C.COATING

4										
3										
2										
1										
0		03.12.15			ORIGINAL					
REV	C/NNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL.GEN.#	IS: 2102	ITEM	QTY
							DSA 36 107 0 051	(MED)	98	1
MATERIAL			FINISH			CHECKED/ APPROVED		NEXT ASSEMBLY		PRJ.
ALUMINIUM ALLOY, HE30			SEE NOTE							107
DRAWN		CHECKED	APPROVED		DIMENS SCALE		TITLE			
NANDHU					mm NTS		FILTER FRAME			
DATE 03.12.15		DATE	DATE		DRG. NUMBER					
					DPD 36 107 0 340					
					SIZE					
					A4					
					NO. OF SHEETS					
					1					
					ISSUE					
					1					

KERALA STATE ELECTRONICS  
DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 340

1 1 1



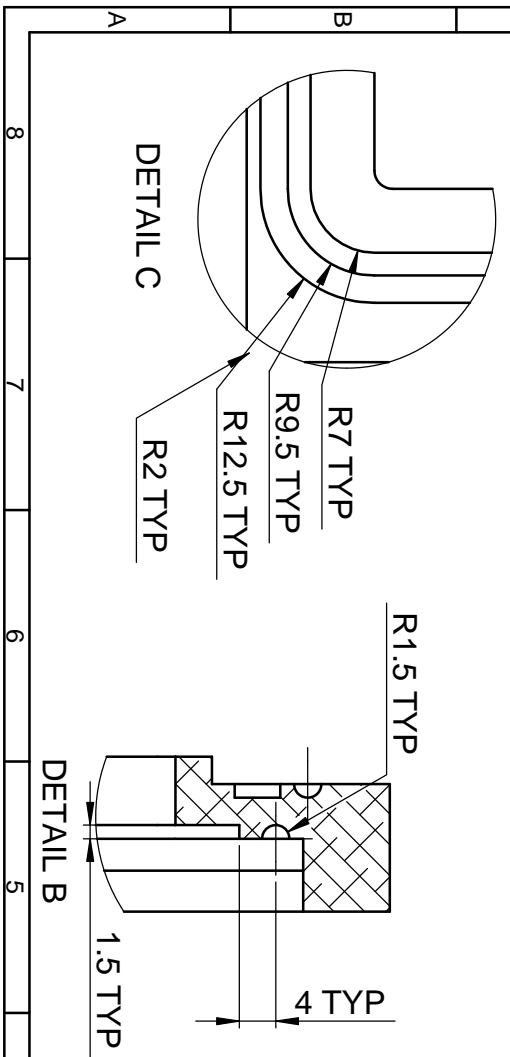
REV	Q/N	NO.	DATE	DESCRIPTION	CHECKED	APPROVED	TITLE	ITEM	QTY
0			03.12.15	ORIGINAL			WINDOW FRAME	185	1
1				REVISD				186	1
2			04.03.16	REVISED				187	1
3									
4									

DRAWN	CHECKED	APPROVED	DIMMS SCALE	TITLE
NANDHU			mm NTS	WINDOW FRAME
DATE 04.03.16	DATE	DATE		
MATERIAL		FINISH	PROJ.	TOL GEN. # IS: 2102
ALUMINIUM ALLOY, HE30		SEE NOTE		TOL. AXIS. # (MED)
REV. Q/N NO. DATE		DESCRIPTION	CHECKED [APPROVED]	PRJ. 107

DATE 04.03.16	DATE	DATE	DRG. NUMBER
			DPD 36 107 0 121
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.			NO. OF SHEETS 1
			ISSUE 1
			3



8 7 6 5 4 3 2 1

A B C D E F

SECTION A-A

FRONT VIEW

DETAIL C

DETAIL B

75

8

4.5

114

95

67

28.5

106

23

46

R2

R2

R2

H

H

67

70

193

213

247

15

1

R1.5 TYP

4 TYP

1.5 TYP

4

3

2

1

A

B

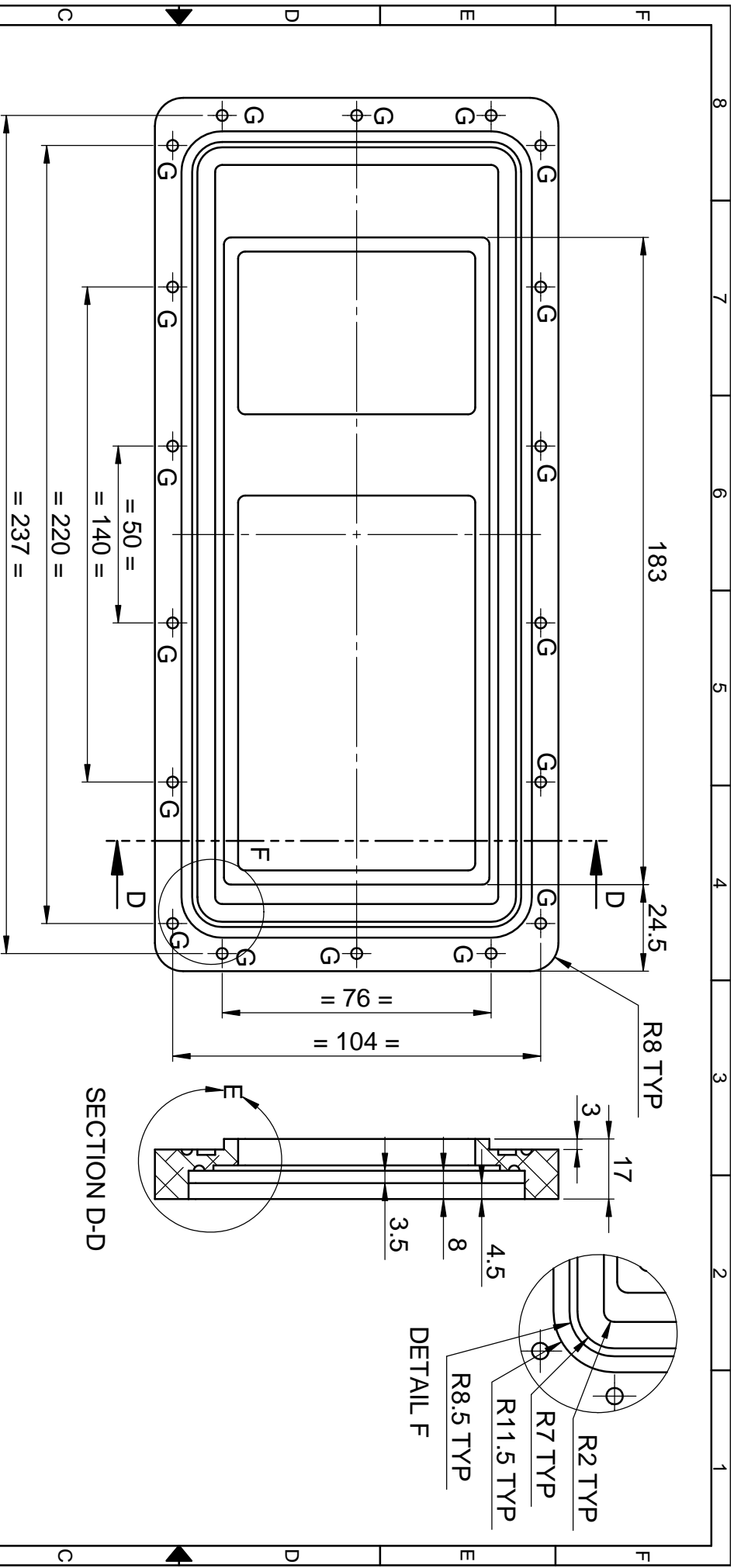
C

D

E

F

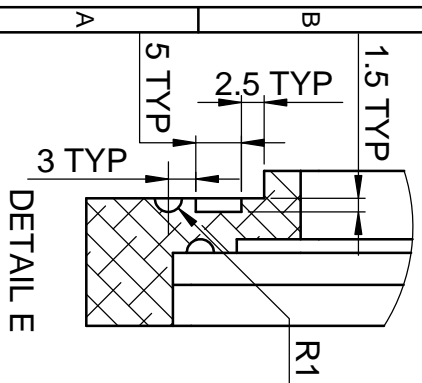




REAR VIEW

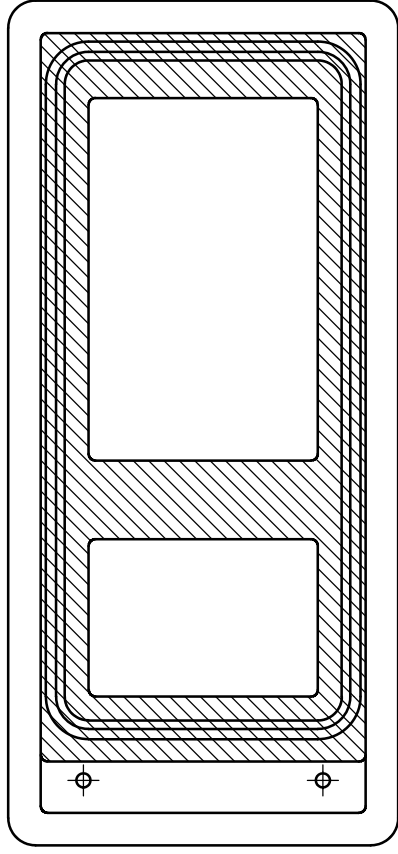
SECTION D-D

DETAIL F

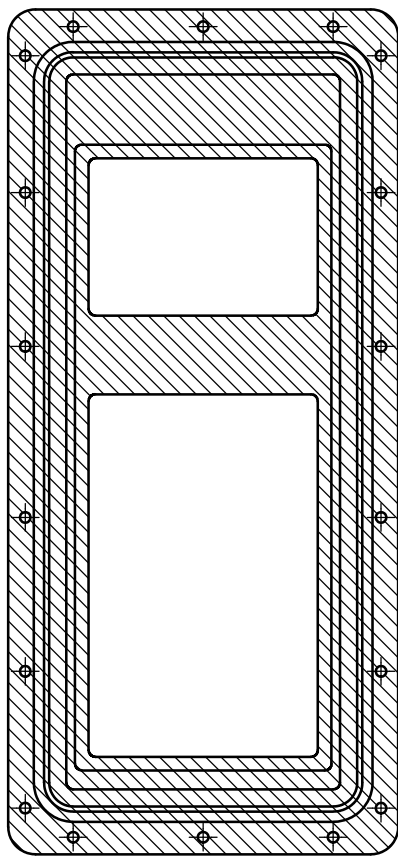


SL NO	REF	DESCRIPTION	QTY
1	G	DRILL $\phi$ 3.1x8 DEEP AND M3 HELICOIL TAP	18
2	H	DRILL $\phi$ 4.1x7 DEEP AND M4 HELICOIL TAP	2
3	J	$\phi$ 3.5	2

DRAWN		CHECKED		APPROVED		DIMMS SCALE		TITLE	
NANDHU						mm NTS		WINDOW FRAME	
DATE 04.03.16		DATE		DATE					
MATERIAL		FINISH		PROJ.		TOL GEN. #		IS: 2102	
ALUMINIUM ALLOY, HE30		SEE NOTE				TOL AXIS. #		(MED)	
REV		DATE		DESCRIPTION		CHECKED [APPROVED]		NEXT ASSEMBLY	
0		03.12.15		ORIGINAL				ITEM QTY	
3		04.03.16		REVISED				188 1	
4									
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.		DRG. NUMBER		DPD 36 107 0 121		SIZE		ISSUE	
						A4		1	
						NO OF SHEETS		2	
								3	



FRONT VIEW



REAR VIEW

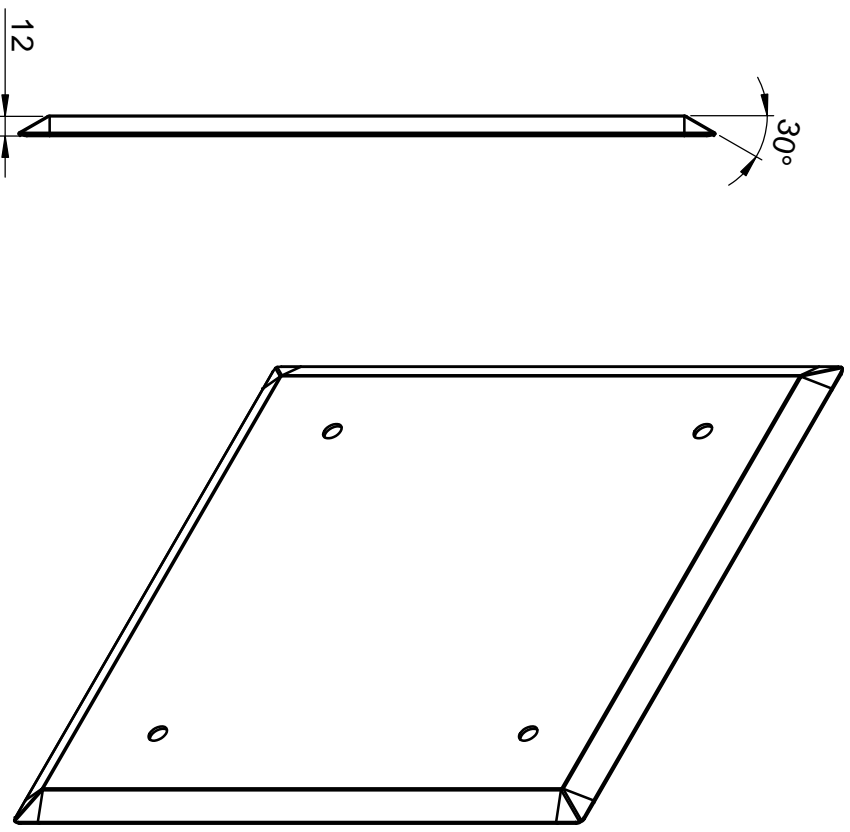
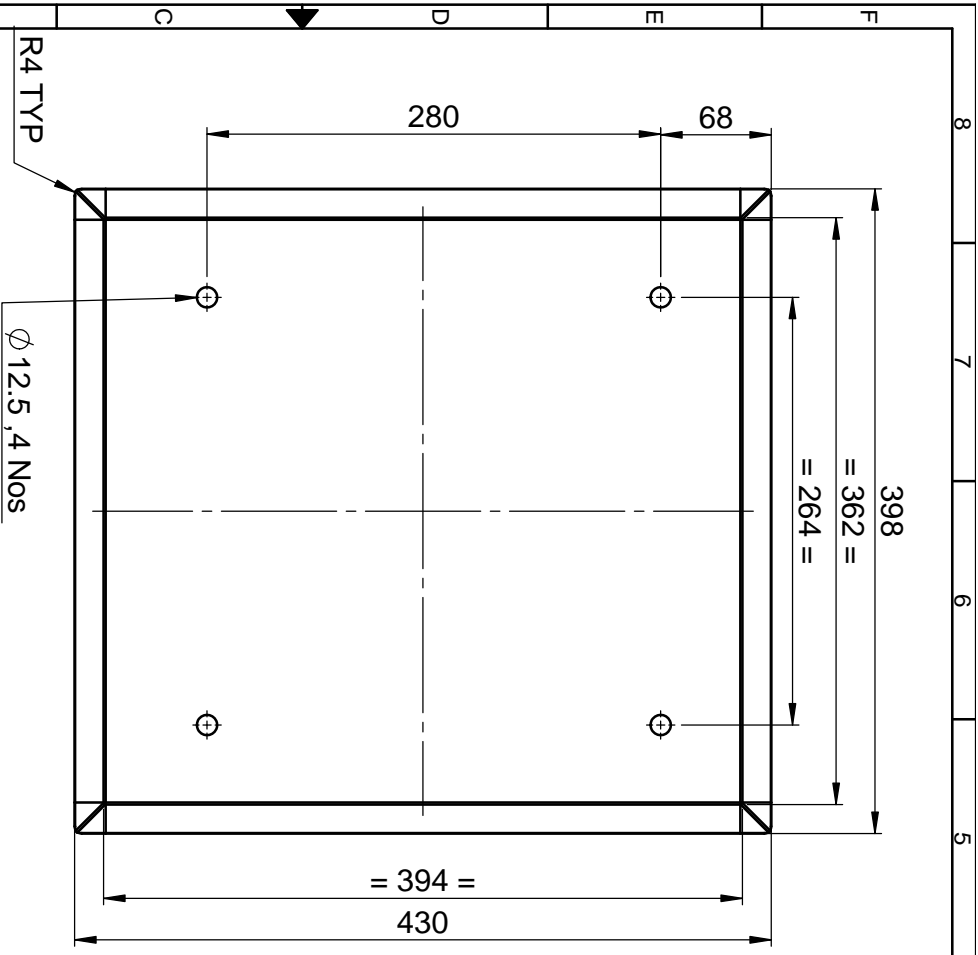
- NOTE:
- HATCHED PORTION NEEDS TO BE MASKED FROM POWDER COATING
  - POWDER COATING DA GREY IS:5 SHADE NO:632 WITH STRUCTURE FINISH AFTER C.C.COATING

4																					
3																					
2	Δ	04.03.16	REVISED	ORIGINAL																	
0		03.12.15	ORIGINAL																		
REV	CN/NO	DATE	DESCRIPTION	FINISH	CHECKED	APPROVED	PROJ.	TOL/GEN. #	IS: 2102	PRJ.											
				SEE NOTE					(MED)	107											
DRAWN		CHECKED	APPROVED	DIMENS SCALE		TITLE		TOLERANCE		PROJECT		NO. OF SHEETS		SIZE		ISSUE					
NANDHU				mm NTS		WINDOW FRAME		TOL. AXIS. #		DPD 36 107 0 121		A4		1		3					
DATE 04.03.16		DATE	DATE	DRG. NUMBER		WINDOW FRAME		TOL. AXIS. #		DPD 36 107 0 121		NO. OF SHEETS		A4		1					
				3		WINDOW FRAME		TOL. AXIS. #		DPD 36 107 0 121		NO. OF SHEETS		A4		1					
				4		WINDOW FRAME		TOL. AXIS. #		DPD 36 107 0 121		NO. OF SHEETS		A4		1					

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 121

NO. OF SHEETS	3
SIZE	A4
ISSUE	1



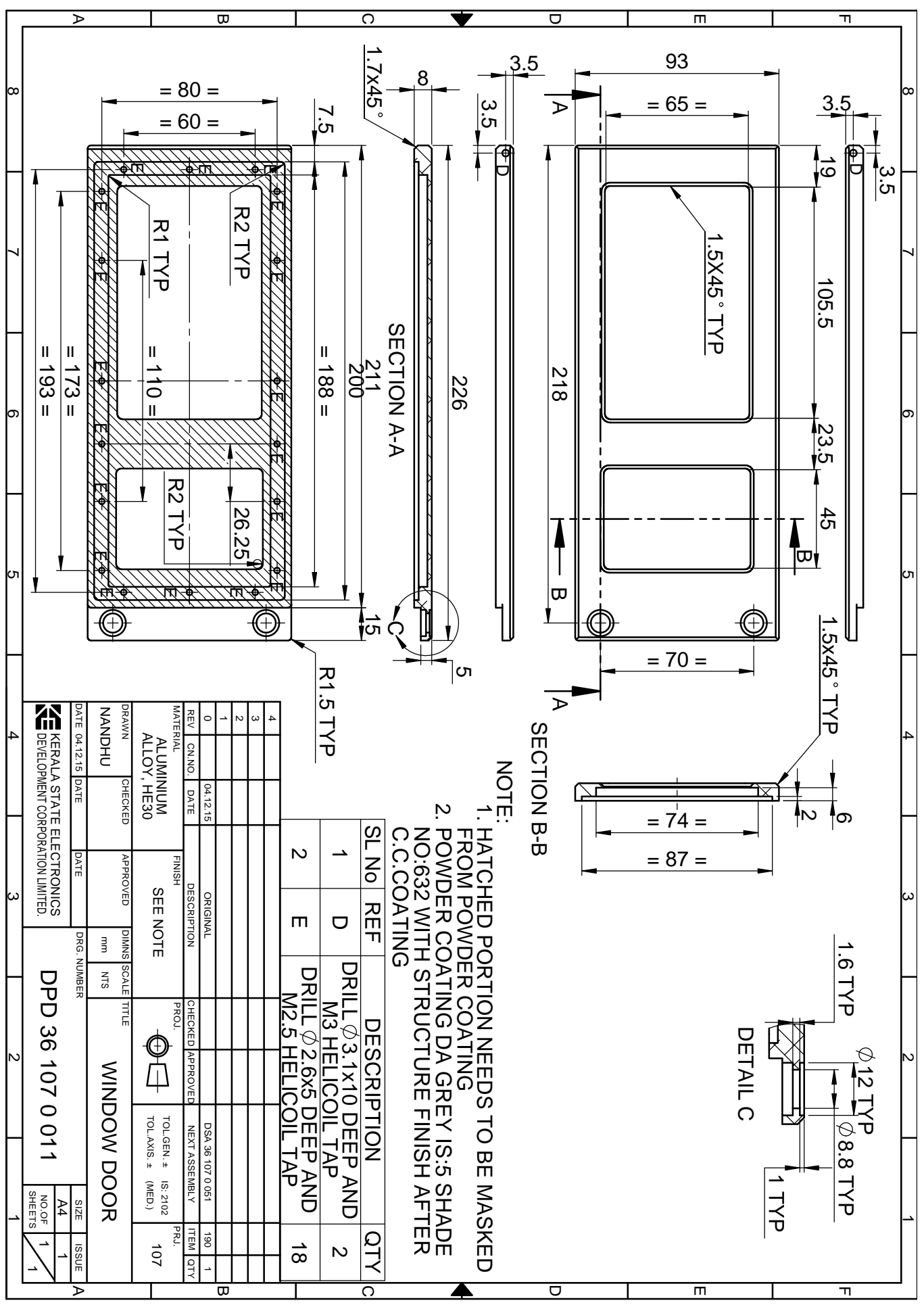
NOTE: POWDER COATING DA GREY IS:5 SHADE NO:632 WITH STRUCTURE FINISH AFTER C.C.COATING

4											
3											
2											
1											
0		03.12.15			ORIGINAL						
REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED						
MATERIAL		FINISH		PROJ.		TOL.GEN.#		PRJ.			
ALUMINIUM		SEE NOTE		CANOPY		IS: 2102		107			
5052 - H32						(MED.)					
DRAWN	CHECKED	APPROVED	DIMENS	SCALE	TITLE						
NANDHU			mm	NTS							
DATE	03.12.15	DATE	DRG. NUMBER		DPD 36 107 0 324		SIZE		ISSUE		
							A4		1		
							NO.OF		1		
							SHEETS		1		

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 324

SIZE	ISSUE
A4	1
NO.OF SHEETS	1



**NOTE:**

1. HATCHED PORTION NEEDS TO BE MASKED FROM POWDER COATING
2. POWDER COATING DA GREY IS:5 SHADE NO:632 WITH STRUCTURE FINISH AFTER C.C.COATING

SL No	REF	DESCRIPTION	QTY
1	D	DRILL $\phi$ 3.1x10 DEEP AND M3 HELICOIL TAP	2
2	E	DRILL $\phi$ 2.6x5 DEEP AND M2.5 HELICOIL TAP	18

REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL.GEN.#	IS:2102	PRJ.
0		04.12.15	ORIGINAL						
1									
2									
3									
4									

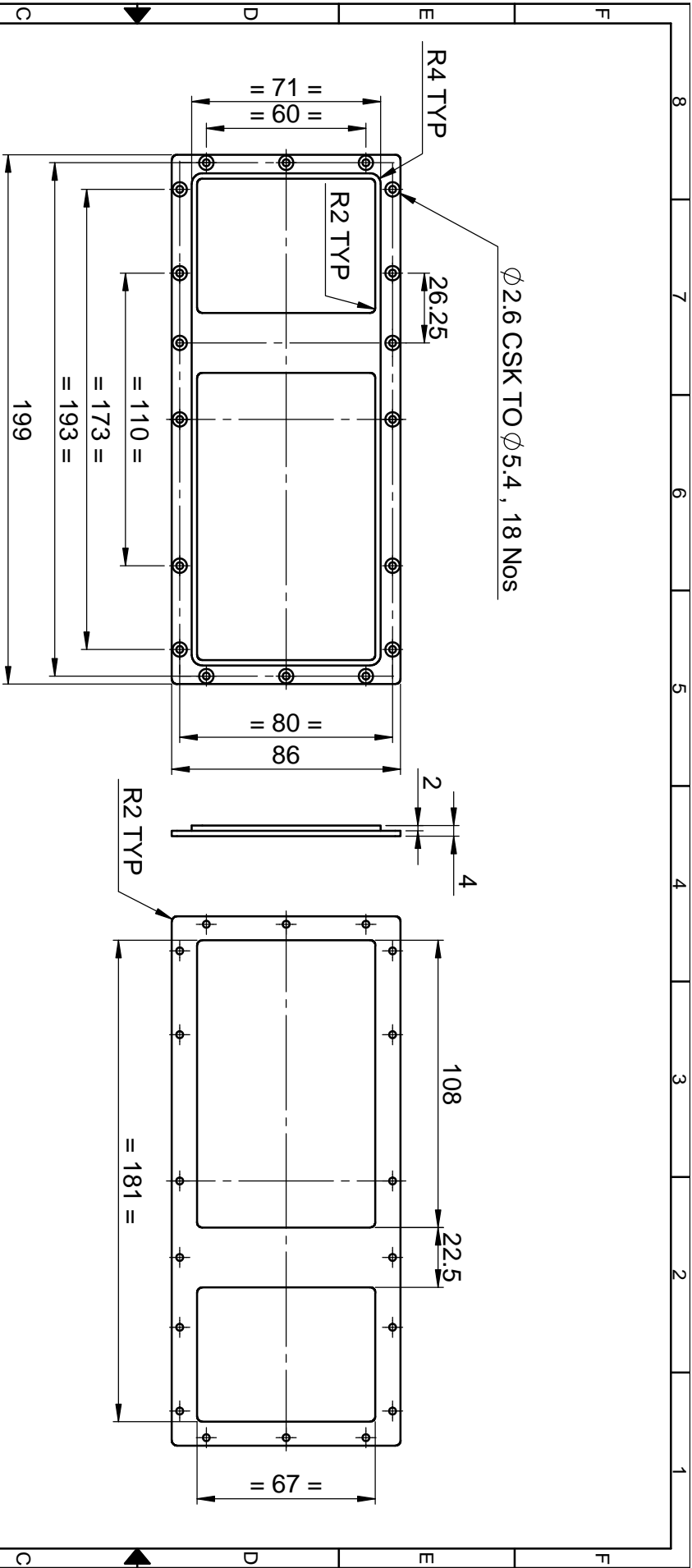
DRAWN	CHECKED	APPROVED	DIMENS	SCALE	TITLE
NANDHU			mm	NTS	WINDOW DOOR

DATE	04.12.15	DATE	DRG. NUMBER
			DPD 36 107 0 011

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

SIZE	ISSUE
A4	1
NO OF SHEETS	1

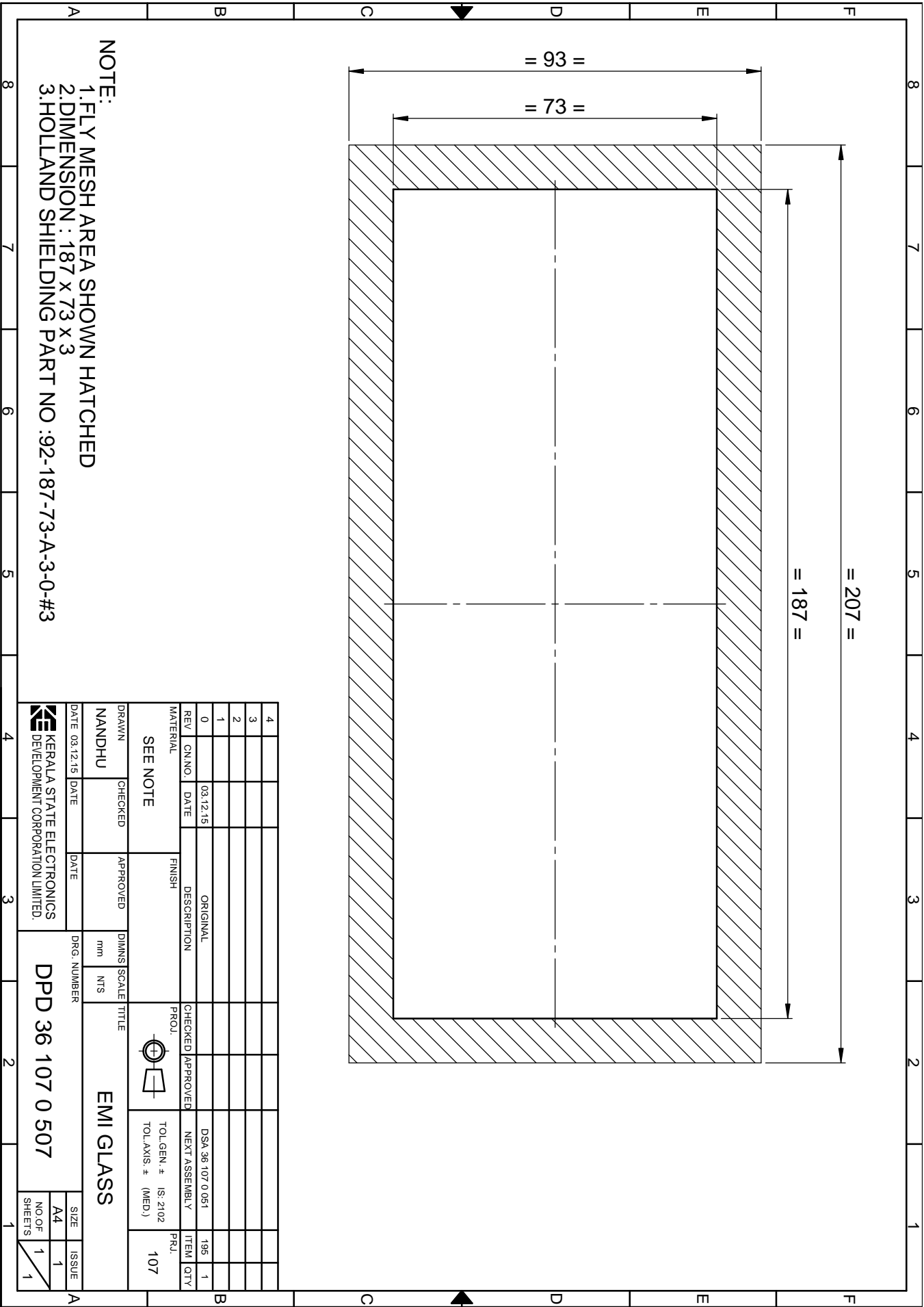


4									
3									
2									
1									
0		04.12.15			ORIGINAL				
REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL.GEN.#	NEXT ASSEMBLY	ITEM QTY
							IS: 2102		
							(MED.)		107
DRAWN		CHECKED		APPROVED		FINISH		PROJ.	
NANDHU						CC COATING		EMI GLASS SUPPORT	
DATE 04.12.15		DATE		DATE		DIMENS SCALE		DRG. NUMBER	
						mm NTS		DPD 36 107 0 506	

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

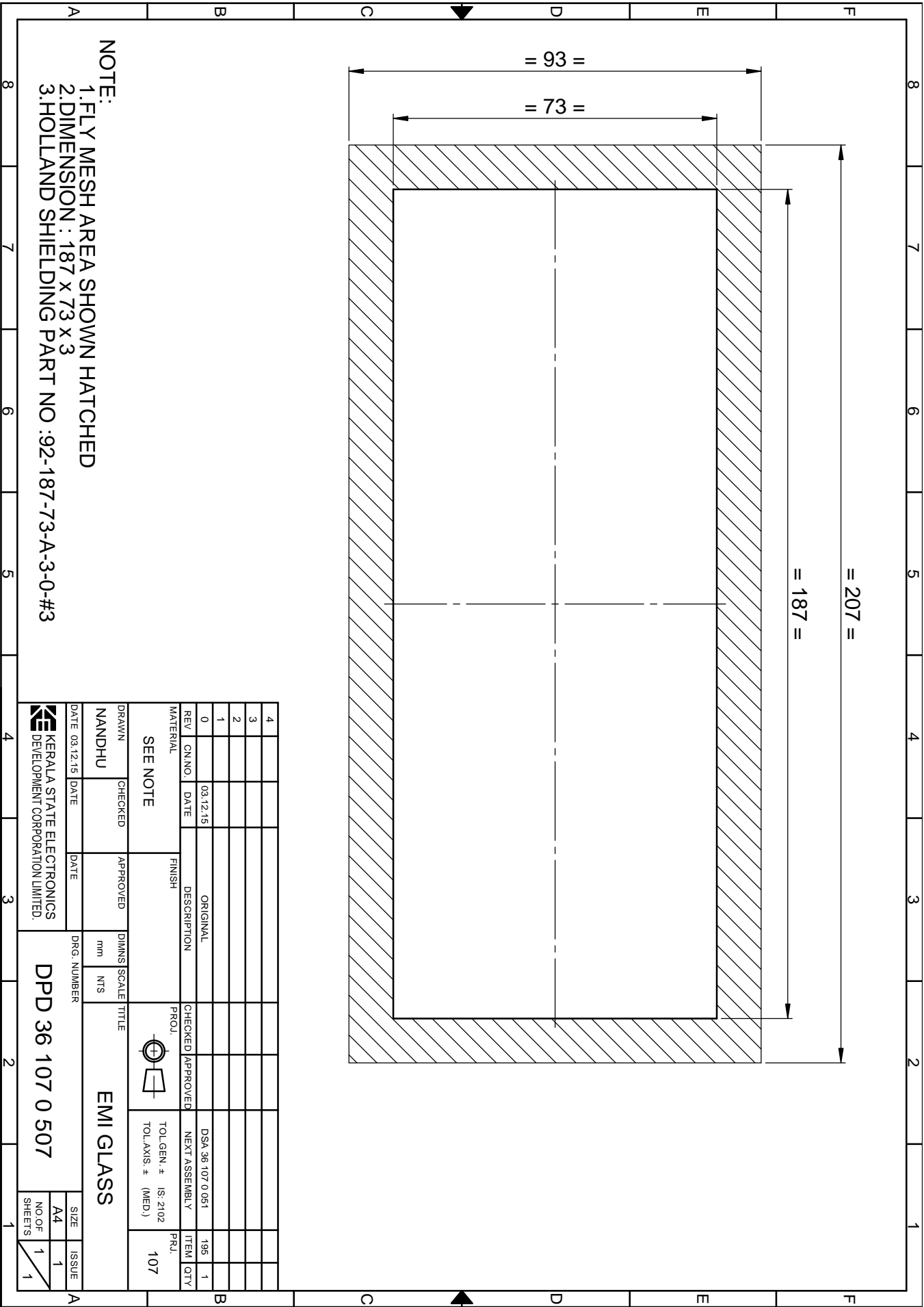
DPD 36 107 0 506

SIZE	ISSUE
A4	1
NO. OF SHEETS	1



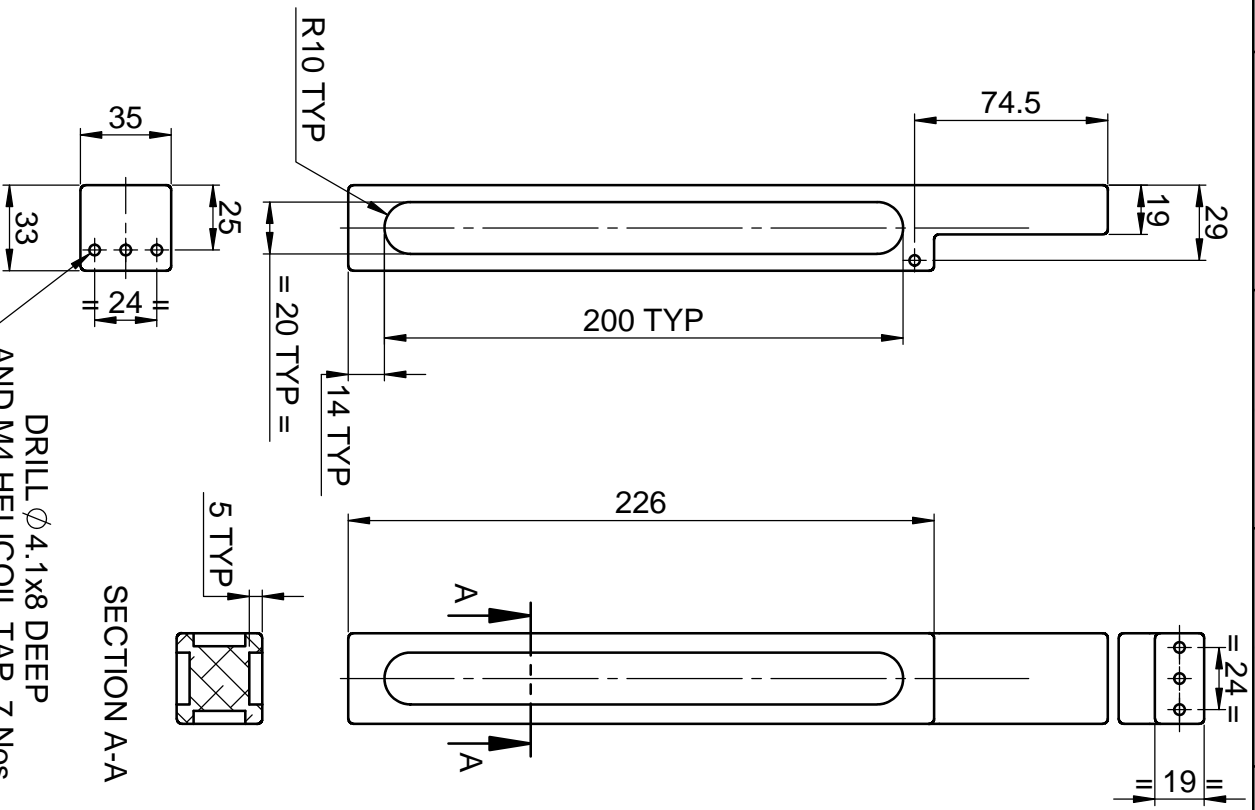
NOTE:  
 1. FLY MESH AREA SHOWN HATCHED  
 2. DIMENSION : 187 x 73 x 3  
 3. HOLLAND SHIELDING PART NO : 92-187-73-A-3-0-#3

4																					
3																					
2																					
1																					
0		03.12.15																			
REV	CNNO	DATE	DESCRIPTION	FINISH	CHECKED	APPROVED	PROJ.	TOL. GEN. #	NEXT ASSEMBLY	ITEM	QTY										
			ORIGINAL					IS: 2102		195	1										
MATERIAL												TOL. AXIS # (MED.)		PRJ.							
SEE NOTE														107							
DRAWN		CHECKED		APPROVED		DIMENS		SCALE		TITLE											
NANDHU						mm		NTS		EMI GLASS											
DATE 03.12.15		DATE		DATE																	
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.												DRG. NUMBER		DPD 36 107 0 507		SIZE		ISSUE			
														A4		1					
														NO. OF SHEETS		1		1			



NOTE:  
 1. FLY MESH AREA SHOWN HATCHED  
 2. DIMENSION : 187 x 73 x 3  
 3. HOLLAND SHIELDING PART NO : 92-187-73-A-3-0-#3

4																											
3																											
2																											
1																											
0		03.12.15																									
REV	CNNO	DATE	DESCRIPTION	FINISH	CHECKED	APPROVED	PROJ.	TOL. GEN. #	NEXT ASSEMBLY	ITEM	QTY																
			ORIGINAL					IS: 2102		195	1																
MATERIAL																											
SEE NOTE																											
DRAWN		CHECKED		APPROVED		DIMENS		SCALE		TITLE																	
NANDHU						mm		NTS		EMI GLASS																	
DATE 03.12.15		DATE		DATE																							
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.												DRG. NUMBER		DPD 36 107 0 507		SIZE		ISSUE									
														A4		1											
														NO. OF SHEETS		1		1									



DRILL  $\phi$  4.1x8 DEEP  
AND M4 HELICOIL TAP, 7 NOS

SECTION A-A

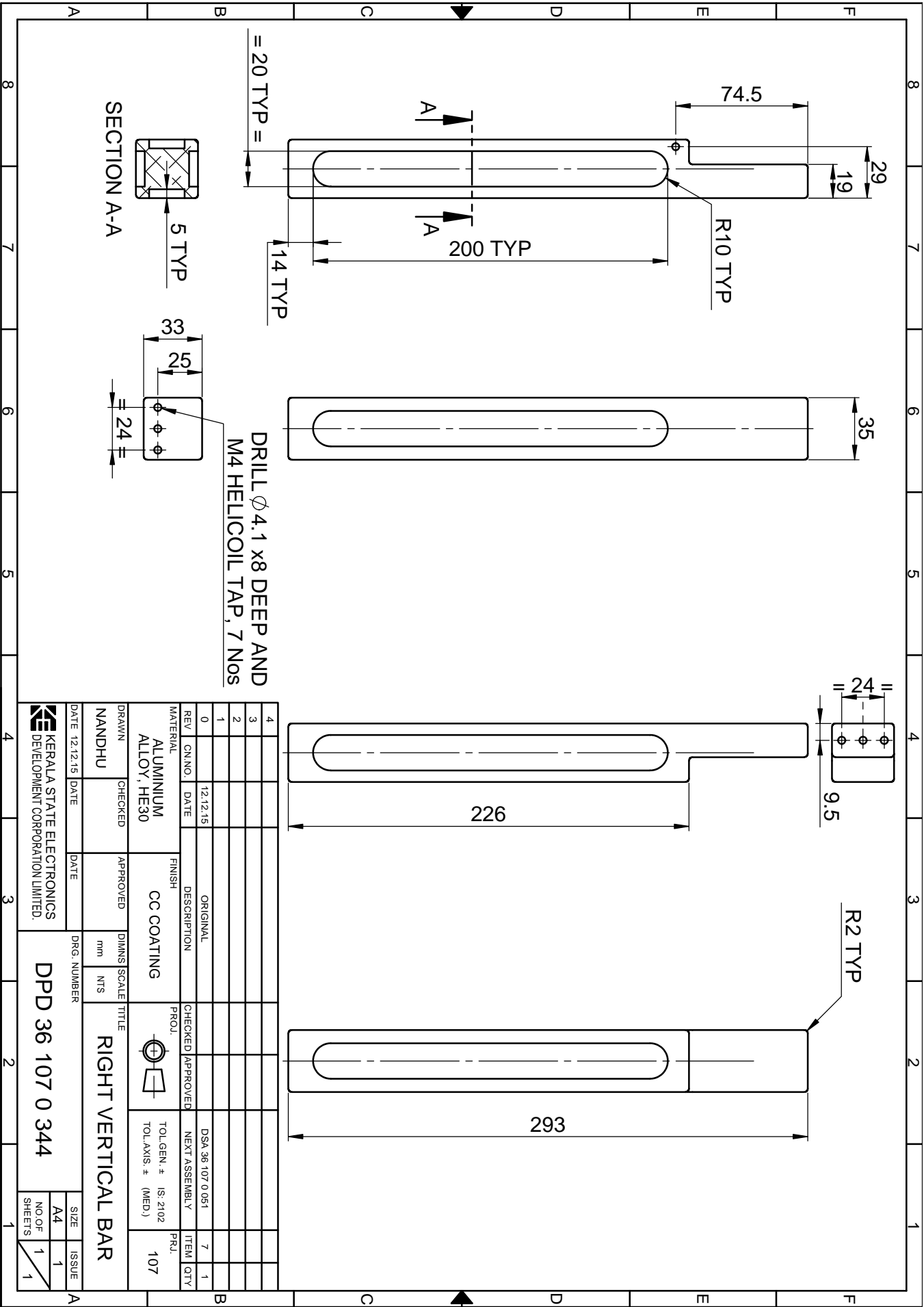
4									
3									
2									
1									
0		04.12.15			ORIGINAL				
REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL.GEN.#	ITEM	QTY
							IS: 2102		
							(MED.)		
									107
DRAWN		CHECKED	APPROVED	DIMENS SCALE		TITLE		SIZE	
NANDHU				mm		LEFT VERTICAL BAR		A4	
DATE		DATE	DATE	NTS				NO OF	
04.12.15								SHEETS	
								1	
								1	
								1	
								1	

KERALA STATE ELECTRONICS  
DEVELOPMENT CORPORATION LIMITED.

DRG. NUMBER  
DPD 36 107 0 343

NO OF SHEETS





DRILL  $\phi 4.1$  x8 DEEP AND  
M4 HELICOIL TAP, 7 NOS

SECTION A-A

REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL. GEN. #	ITEM	QTY
0		12.12.15	ORIGINAL				IS: 2102 (MED)	7	1
1									
2									
3									
4									

DATE	CHECKED	APPROVED	DIMENS	SCALE	TITLE
12.12.15			mm	NTS	RIGHT VERTICAL BAR

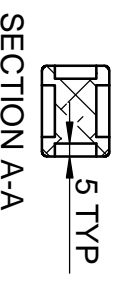
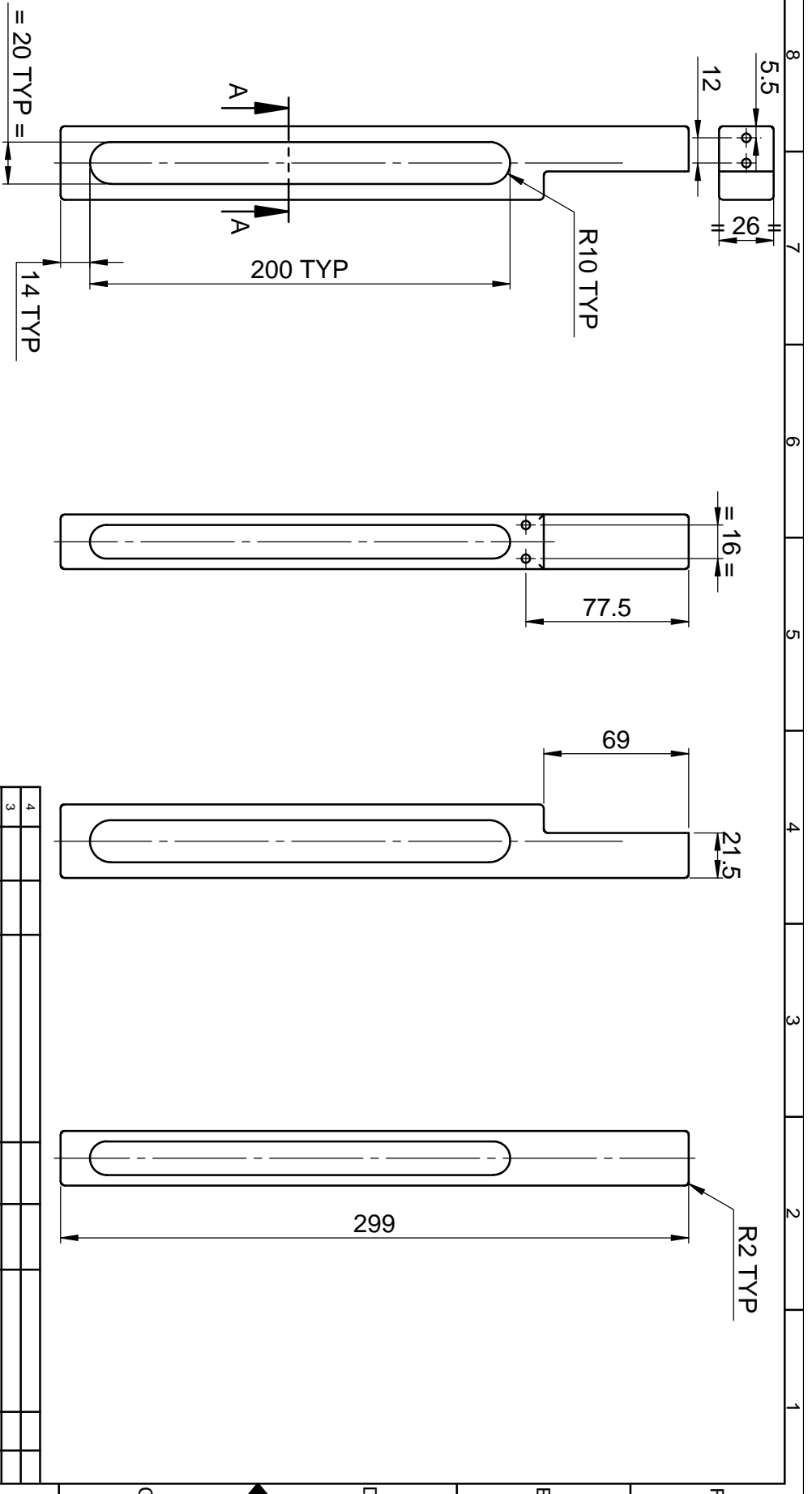
DRAWN	CHECKED	APPROVED	DWG. NUMBER	SIZE	ISSUE
NANDHU			DPD 36 107 0 344	A4	1

NO. OF SHEETS	NO. OF SHEETS
1	1

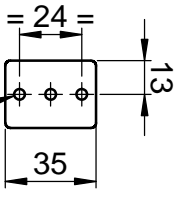
KERALA STATE ELECTRONICS  
DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 344

SIZE: A4  
NO. OF SHEETS: 1/1

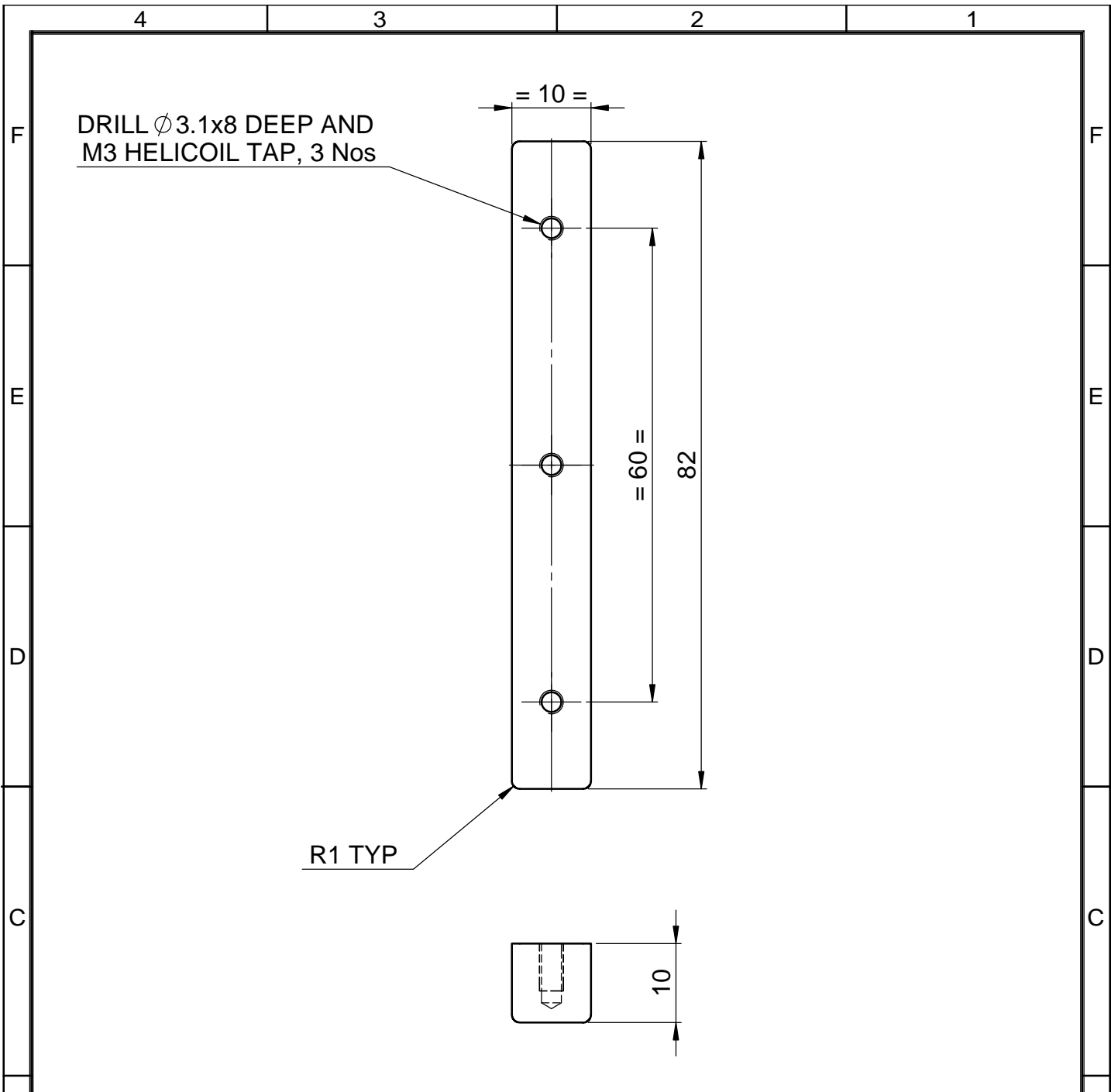


DRILL  $\phi 4.1$  X8 DEEP AND  
M4 HELICOIL TAP, 7 NOS



4																				
3																				
2																				
1																				
0																				
REV	CNNO.	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL. GEN. #	ITEM	QTY											
		12.12.15	ORIGINAL				DSA 36 107 0 051	74	1											
MATERIAL		FINISH		CHECKED		TOL. GEN. #		PRJ.												
ALUMINIUM ALLOY, HE30		CC COATING		APPROVED		IS: 2102 (MED.)		107												
DRAWN		CHECKED		APPROVED		DIMENS SCALE		TITLE												
NANDHU						mm NTS		MIDDLE VERTICAL BAR												
DATE		DATE		DATE		DRG. NUMBER		DPD 36 107 0 342												
12.12.15																				
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.																				
SIZE		NO. OF SHEETS		ISSUE																
A4		1		1																
1		1		1																

8 7 6 5 4 3 2 1

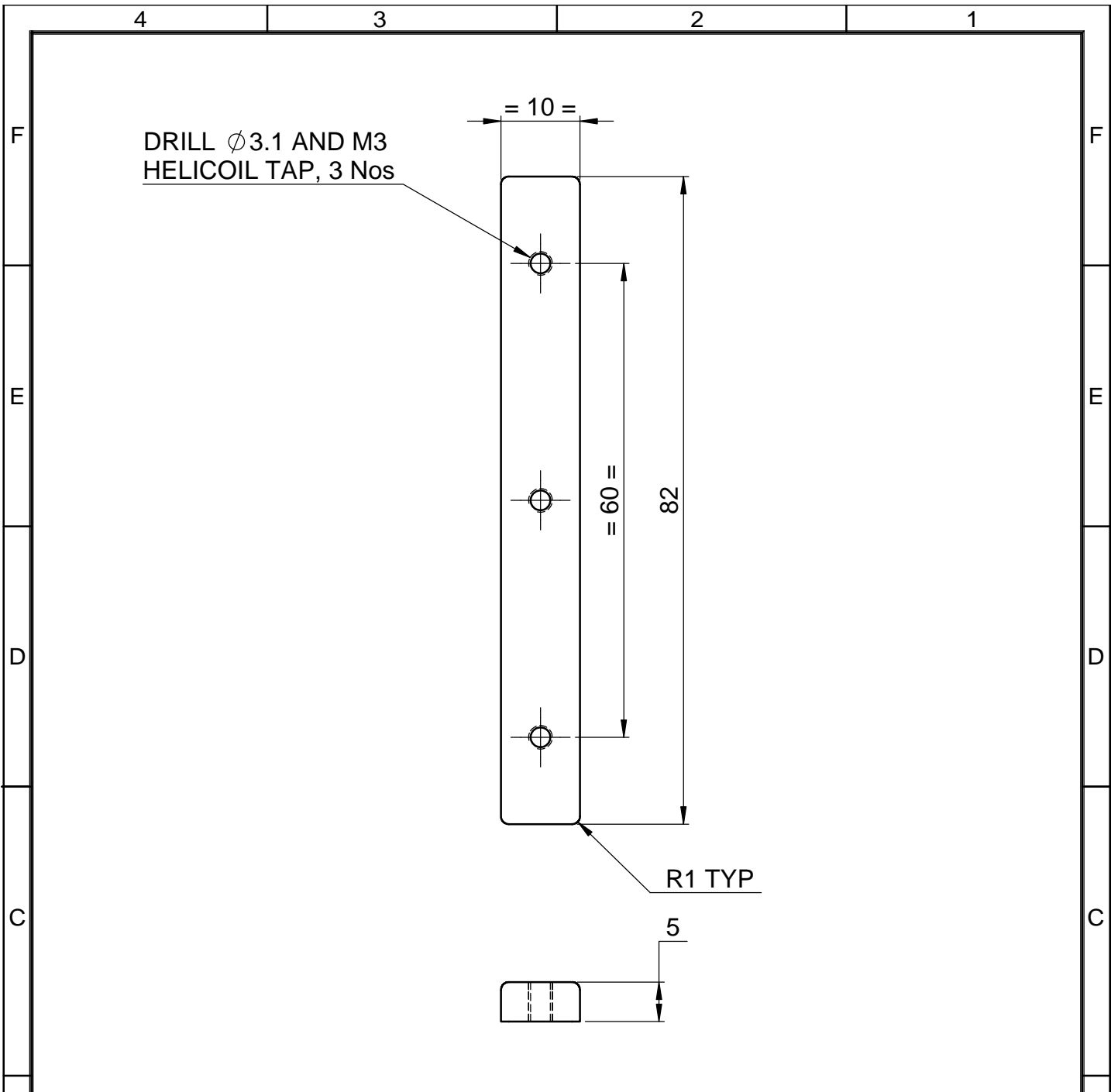


4								
3								
2								
1								
0		12.12.15	ORIGINAL			DSA 36 107 0 051	107	1
REV	CN.NO.	DATE	DESCRIPTION	CHECKED	APPROVED	NEXT ASSEMBLY	ITEM	QTY

MATERIAL <b>ALUMINIUM ALLOY, HE30</b>		FINISH <b>CC COATING</b>		PROJ. 	TOL.GEN. $\pm$ IS:2102 TOL.AXIS. $\pm$ (MED)	PRJ. <b>107</b>
--	--	-----------------------------	--	-----------	---	--------------------

DRAWN <b>NANDHU</b>	CHECKED	APPROVED	DIMNS mm	SCALE NTS	TITLE <b>MODULE STOPPER-MCM</b>
------------------------	---------	----------	-------------	--------------	------------------------------------

DATE 12.12.15	DATE	DATE	DRG. NUMBER	SIZE	ISSUE
			<b>DPD 36 107 0 043</b>	A4	1
				NO.OF SHEETS	1

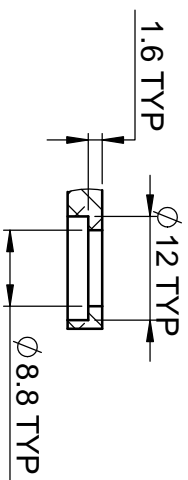
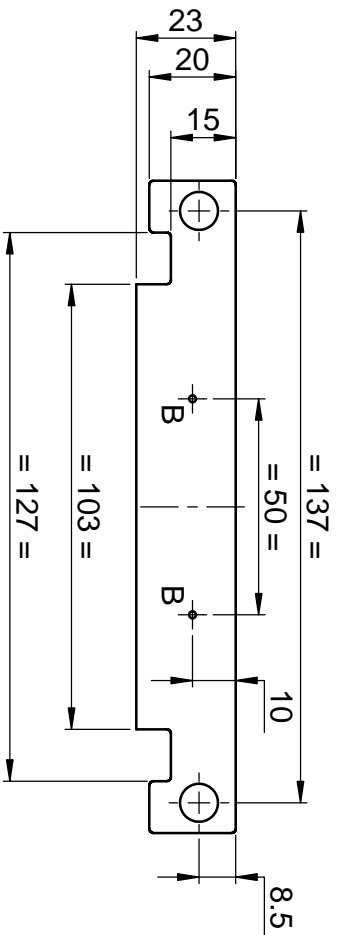
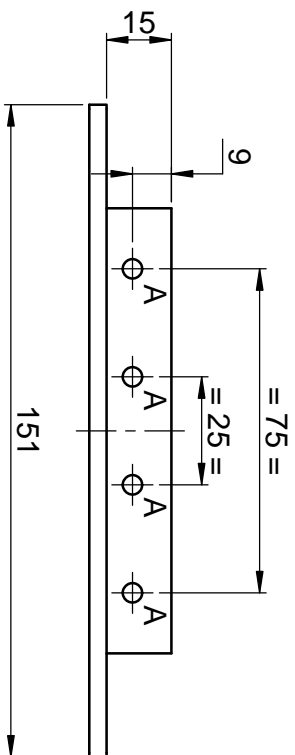
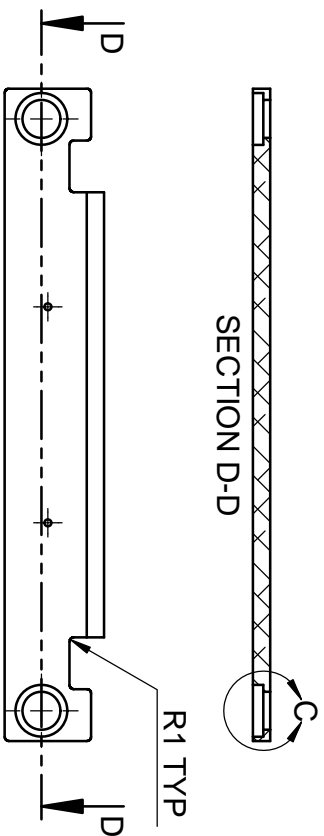


4									
3									
2									
1									
0		12.12.15	ORIGINAL			DSA 36 107 0 051	110	1	
REV	CN.NO.	DATE	DESCRIPTION	CHECKED	APPROVED	NEXT ASSEMBLY	ITEM	QTY	
MATERIAL			FINISH	PROJ.		TOL.GEN. ± IS:2102	PRJ.		
ALUMINIUM ALLOY, HE30			CC COATING			TOL.AXIS ± (MED)	107		
DRAWN	CHECKED	APPROVED	DIMNS	SCALE	TITLE				
NANDHU			mm	NTS	MODULE STOPPER-EM				

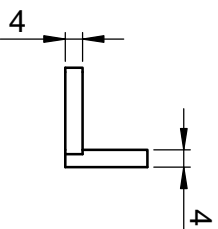
DATE	12.12.15	DATE		DATE		DRG. NUMBER	SIZE	ISSUE
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED						DPD 36 107 0 503	A4	1
							NO.OF SHEETS	1
								1



SECTION D-D



DETAIL C



SL No	REF	DESCRIPTION	QTY
1	A	$\phi 4.5$	4
2	B	DRILL $\phi 1.6$ AND M2 TAP	2

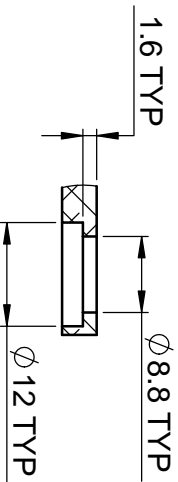
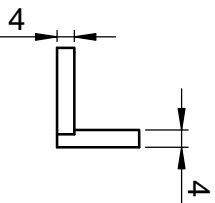
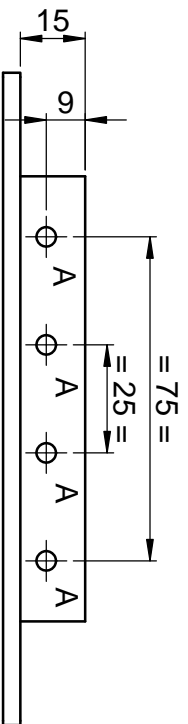
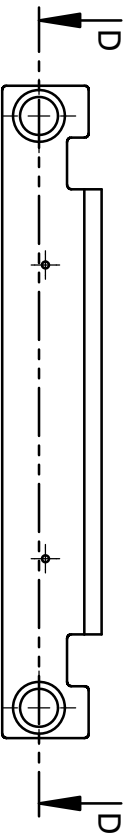
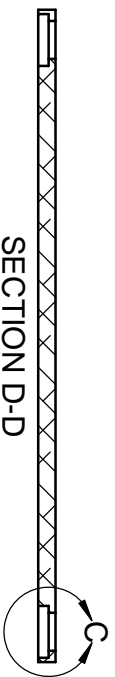
REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	ITEM	QTY
0		12.12.15	ORIGINAL				83	1
1								
2								
3								
4								

DRAWN		CHECKED		APPROVED		DIMENS SCALE		TITLE	
NANDHU						mm NTS		MODULE LOCKING PLATE FRONT-EM	
DATE 12.12.15		DATE		DATE		DRG. NUMBER			
						DPD 36 107 0 542			

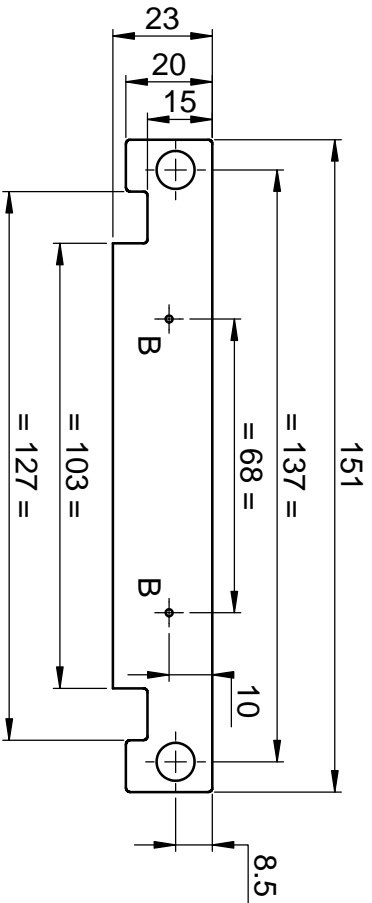
SIZE	ISSUE
A4	1
NO OF SHEETS	1

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 542



DETAIL C



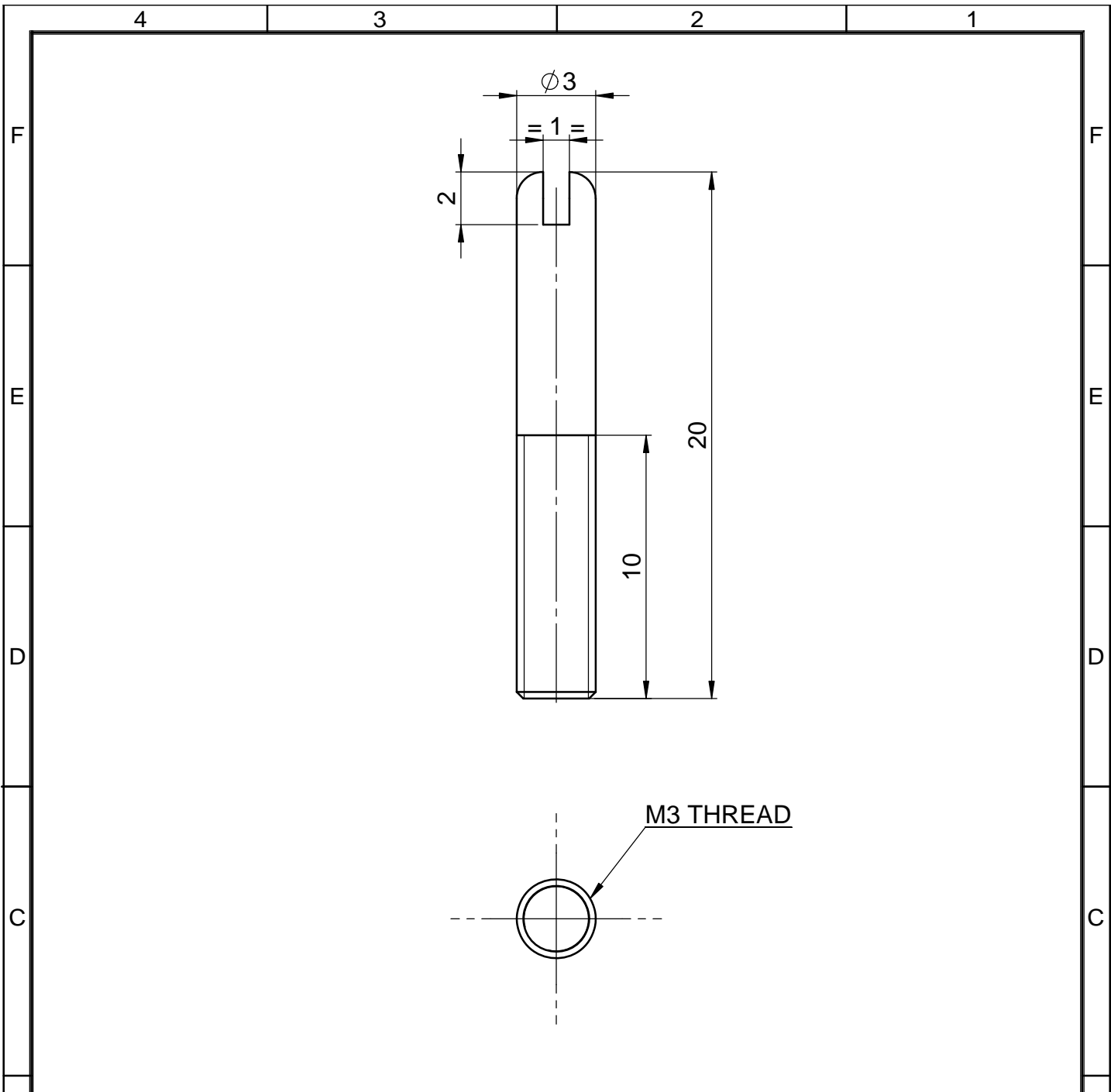
SL No	REF	DESCRIPTION	QTY
1	A	$\phi 4.5$	4
2	B	DRILL $\phi 1.6$ AND M2 TAP	2

REV	LN	NO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	ITEM	QTY
0			12.12.15	ORIGINAL				84	1
1									
2									
3									
4									

DRAWN		CHECKED		APPROVED		DIMENS SCALE		TITLE	
NANDHU						mm NTS		MODULE LOCKING PLATE FRONT-MCM	
DATE 12.12.15		DATE		DATE		DRG. NUMBER			
						DPD 36 107 0 543			

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

SIZE	A4	ISSUE	1
NO OF SHEETS	1		1



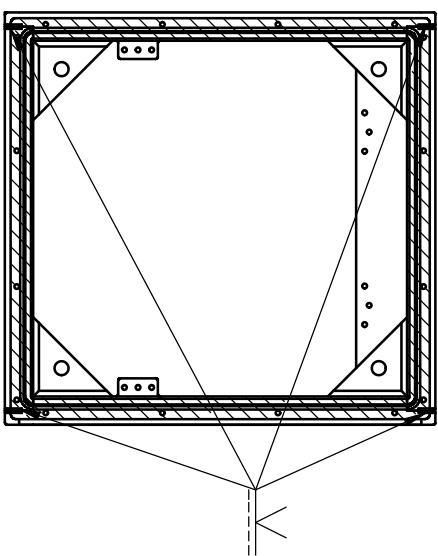
4									
3									
2									
1									
0		12.12.15	ORIGINAL					DSA 36 107 0 183	2 11
REV	CN.NO.	DATE	DESCRIPTION			CHECKED	APPROVED	NEXT ASSEMBLY	ITEM QTY
MATERIAL			FINISH			PROJ.		TOL.GEN. ± IS:2102	PRJ.
SS TO AISI 304 / IS 6603								TOL.AXIS. ± (MED)	107
DRAWN	CHECKED	APPROVED	DIMNS	SCALE	TITLE				
NANDHU			mm	NTS	HINGE SCREW				
DATE	DATE	DATE	DRG. NUMBER				SIZE	ISSUE	
12.12.15			DPD 36 107 0 042				A4	1	
						NO.OF SHEETS	1		
							1		



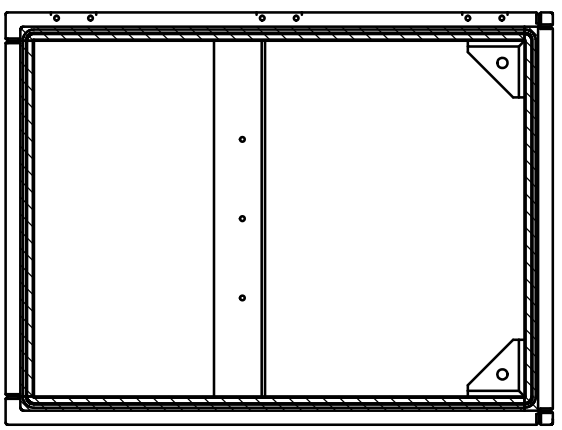




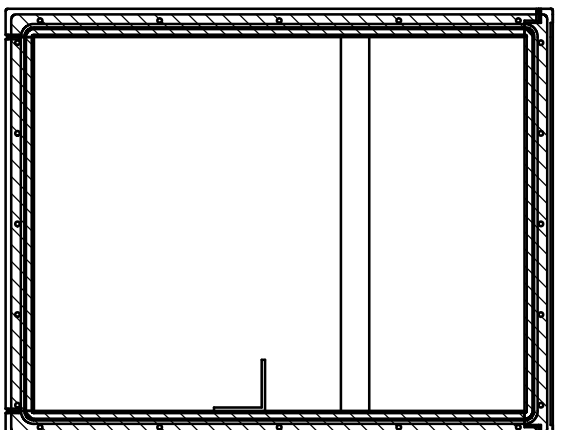




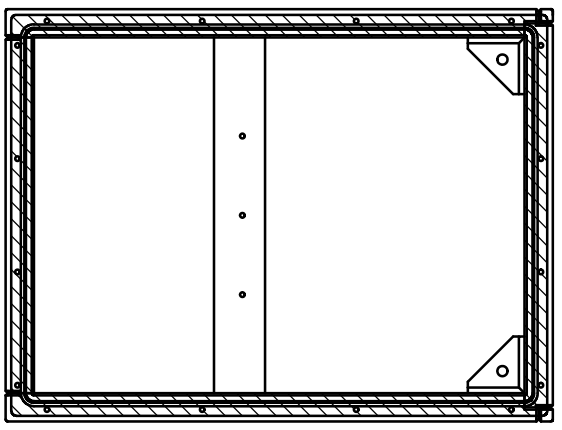
TOP VIEW



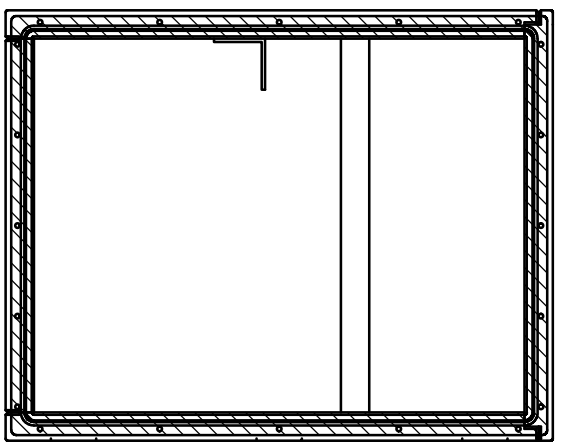
FRONT VIEW



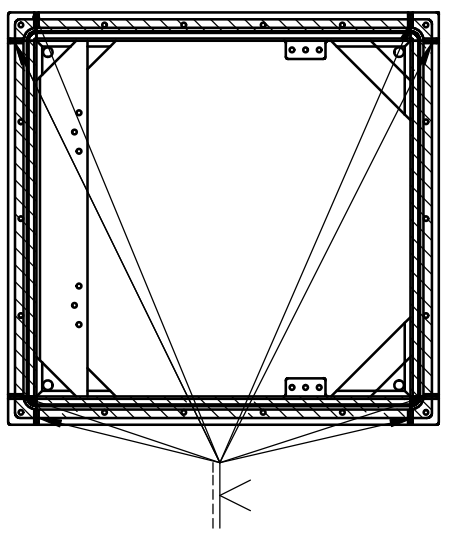
RIGHT SIDE VIEW



REAR VIEW



LEFT SIDE VIEW



BOTTOM VIEW

- NOTE:
1. ALL WELDED JOINTS TO BE STICH WELDED AND GROUND SMOOTH
  2. FINISH: DA GREY POWDER COATING TO IS:5 SHADE No:632 AFTER CC COATING
  3. POWDER COATING OUTER SURFACE ONLY
  4. AVOID POWDER COATING ON HATCHED AREAS

REV	CN.NO.	DATE	DESCRIPTION	CHECKED	APPROVED	PRJ.	ITEM	QTY
4								
3								
2								
1			ORIGINAL				DSA 36 107 0 051	1
0		10.12.15					NEXT ASSEMBLY	1

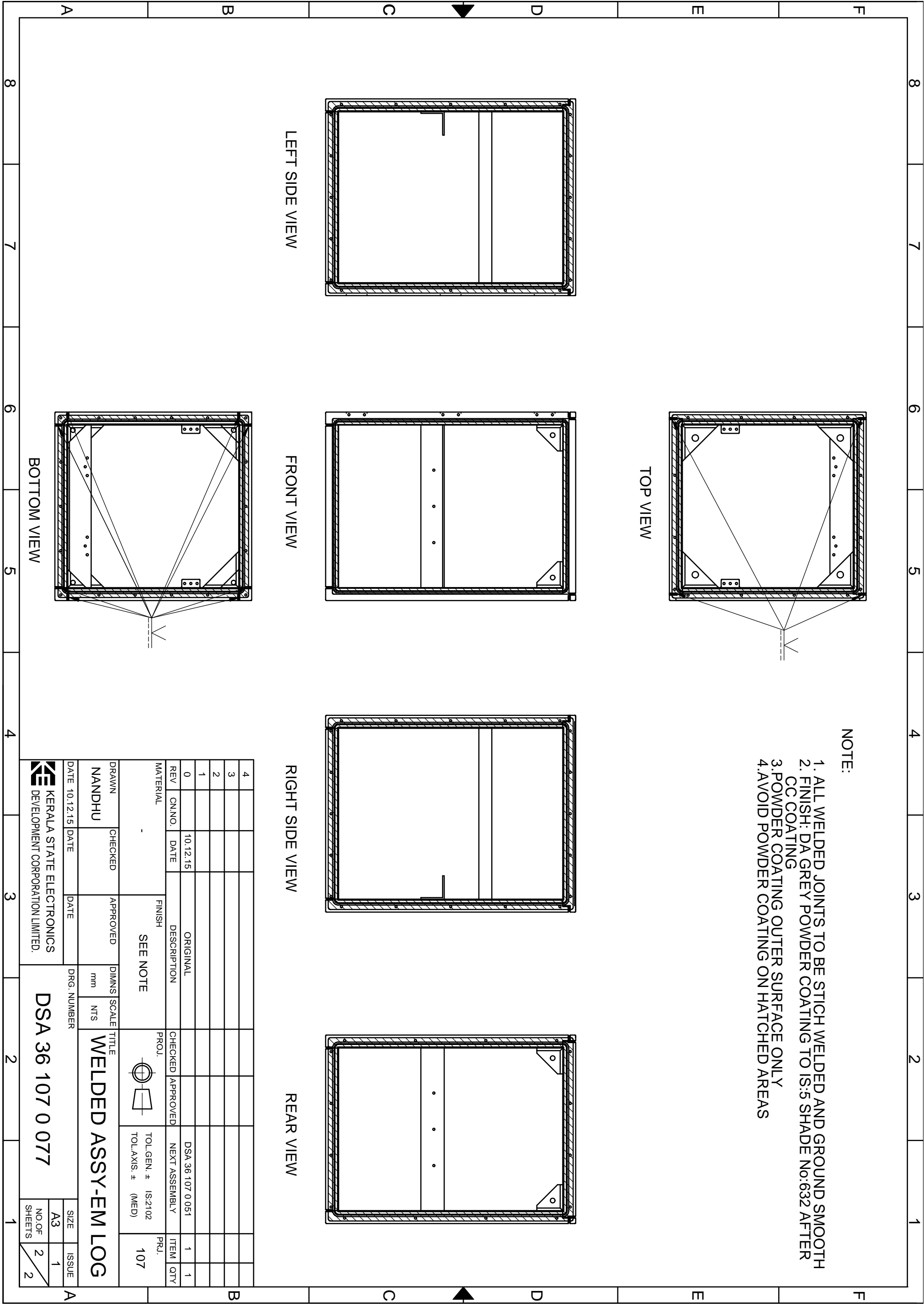
MATERIAL	-	FINISH	SEE NOTE	TOL.GEN. #	IS:2102	PRJ.	107
				TOL.AXIS. #	(MED)		

DRAWN	CHECKED	APPROVED	DIMMS	SCALE	TITLE
NANDHU			mm	NTS	WELDED ASSY-EM LOG

DATE	10.12.15	DATE		DATE		DRG. NUMBER	DSA 36 107 0 077

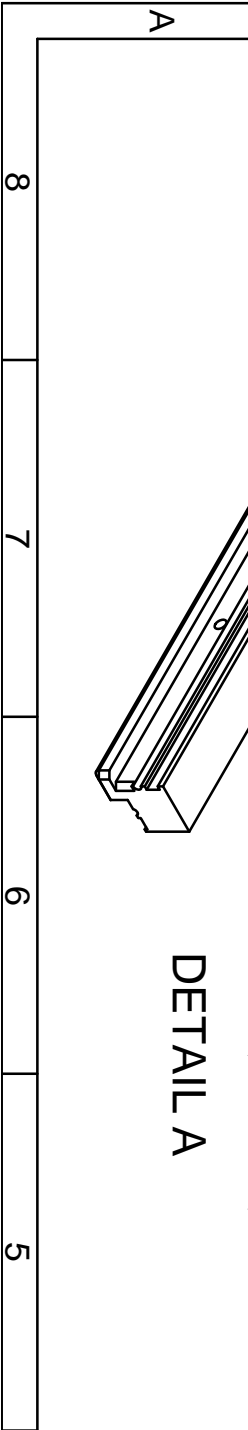
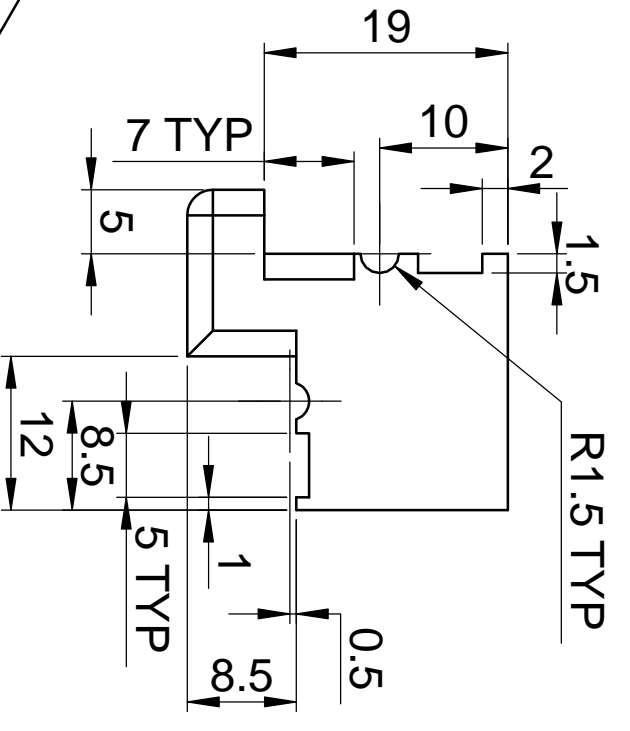
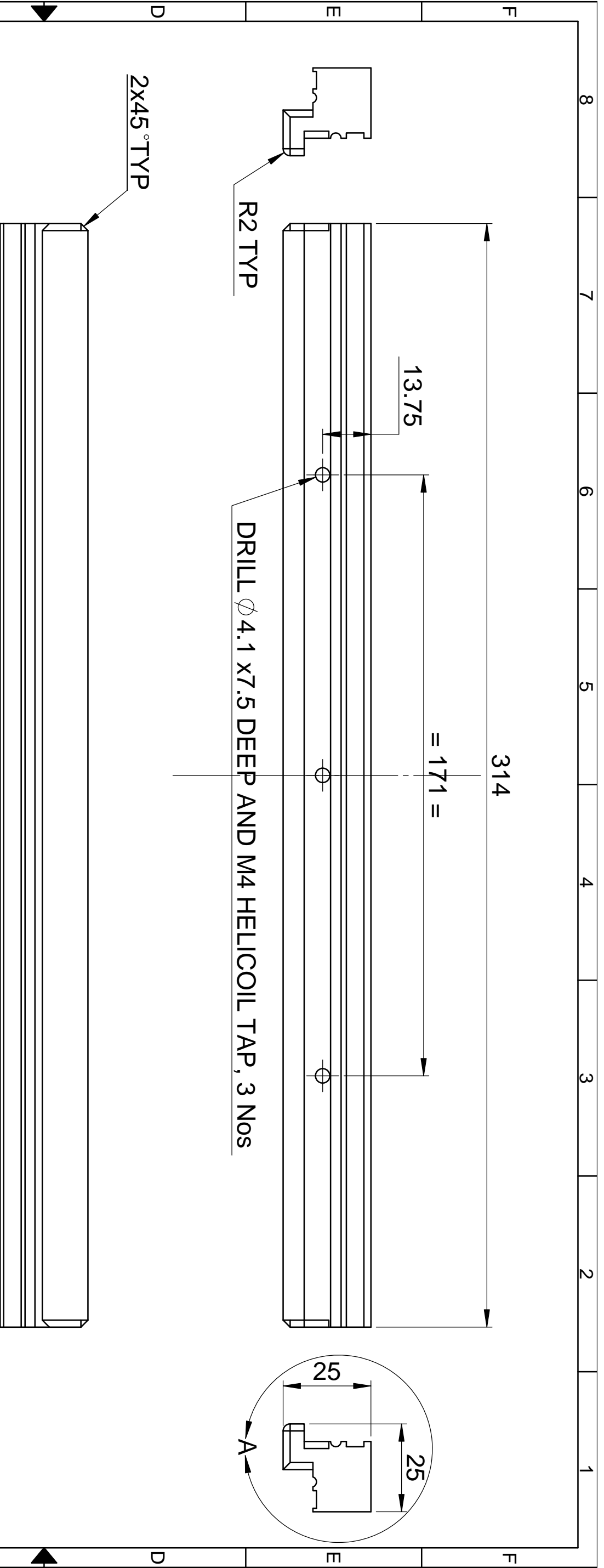
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

SIZE	A3	ISSUE	1
NO.OF SHEETS	2		2

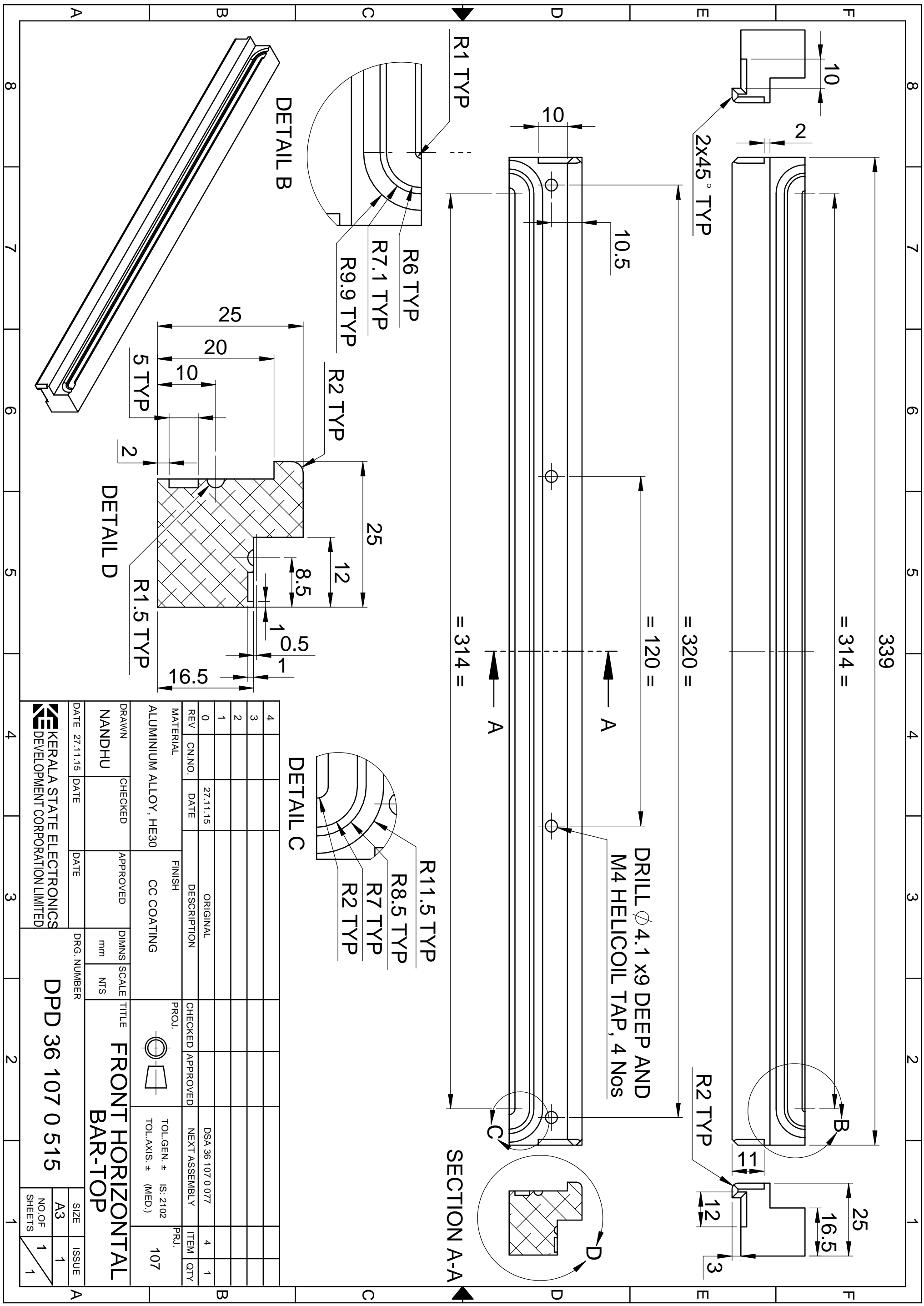








4											
3											
2											
1											
0	27.11.15			ORIGINAL				DSA 36 107 0 077	3	1	
REV	CN.NO.	DATE		DESCRIPTION	CHECKED	APPROVED		NEXT ASSEMBLY	ITEM	QTY	
MATERIAL				FINISH	PROJ.			TOL.GEN. ±	IS: 2102	PRJ.	
ALUMINIUM ALLOY, HE30				CC COATING				TOL.AXIS. ±	(MED.)	107	
DRAWN	CHECKED	APPROVED		DIMMS	SCALE	TITLE					
NANDHU				mm	NTS	FRONT HORIZONTAL BAR-BOTTOM					
DATE	DATE	DATE		DRG. NUMBER							
27.11.15				DPD 36 107 0 514							
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED											
SIZE											
A3											
NO.OF SHEETS											
1											
ISSUE											
1											



REV	CN.NO.	DATE	DESCRIPTION	CHECKED	APPROVED	ITEM	QTY
0		27.11.15	ORIGINAL			4	1
1							
2							
3							
4							

DRAWN		CHECKED		APPROVED		DIMMS		SCALE		TITLE	
NANDHU						mm		NTS		FRONT HORIZONTAL BAR-TOP	
DATE 27.11.15		DATE		DATE		DRG. NUMBER		DPD 36 107 0 515		SIZE	
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED										A3	
										NO. OF SHEETS	
										1 / 1	

MATERIAL: ALUMINIUM ALLOY, HE30

FINISH: CC COATING

TOL. GEN. ± IS: 2102 TOL. AXIS. ± (MED.)

PRJ. 107

DATE 27.11.15

DATE

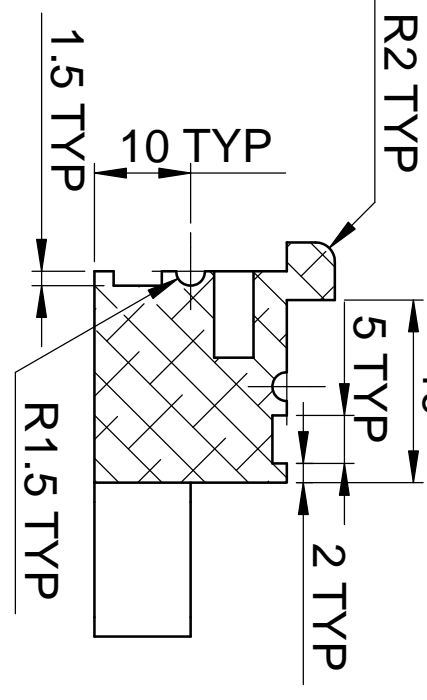
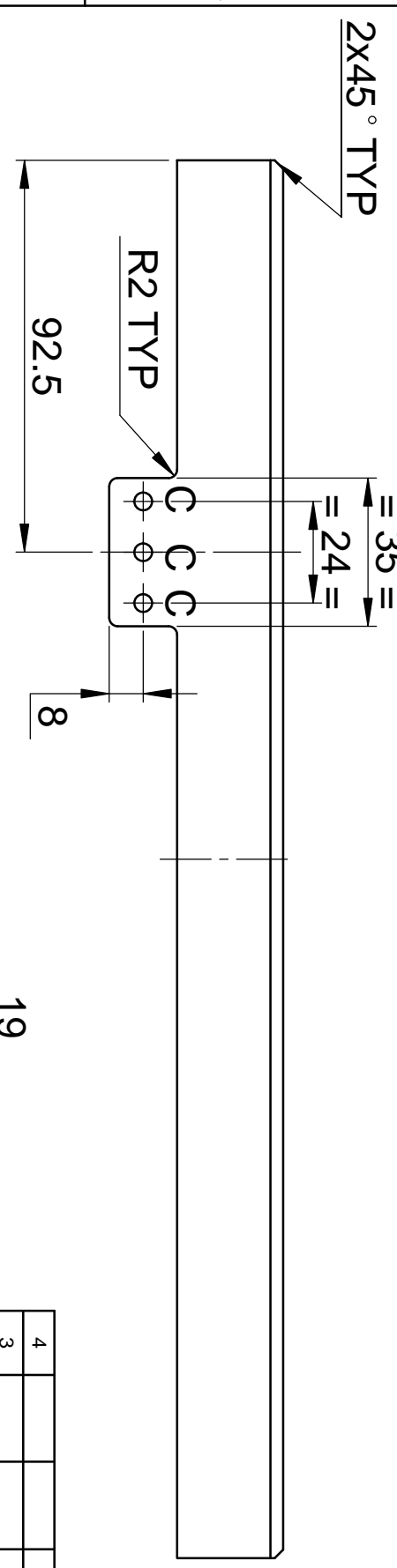
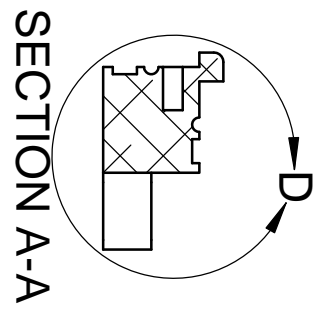
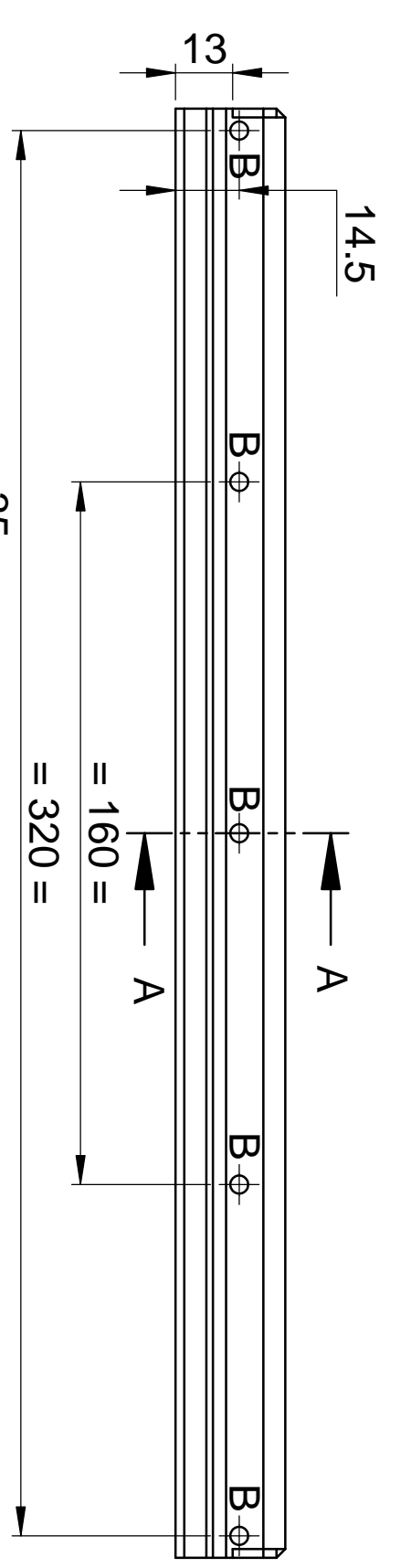
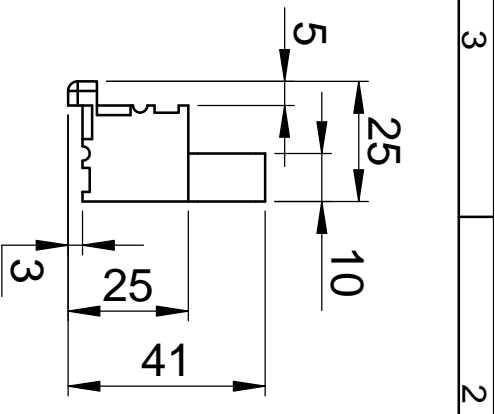
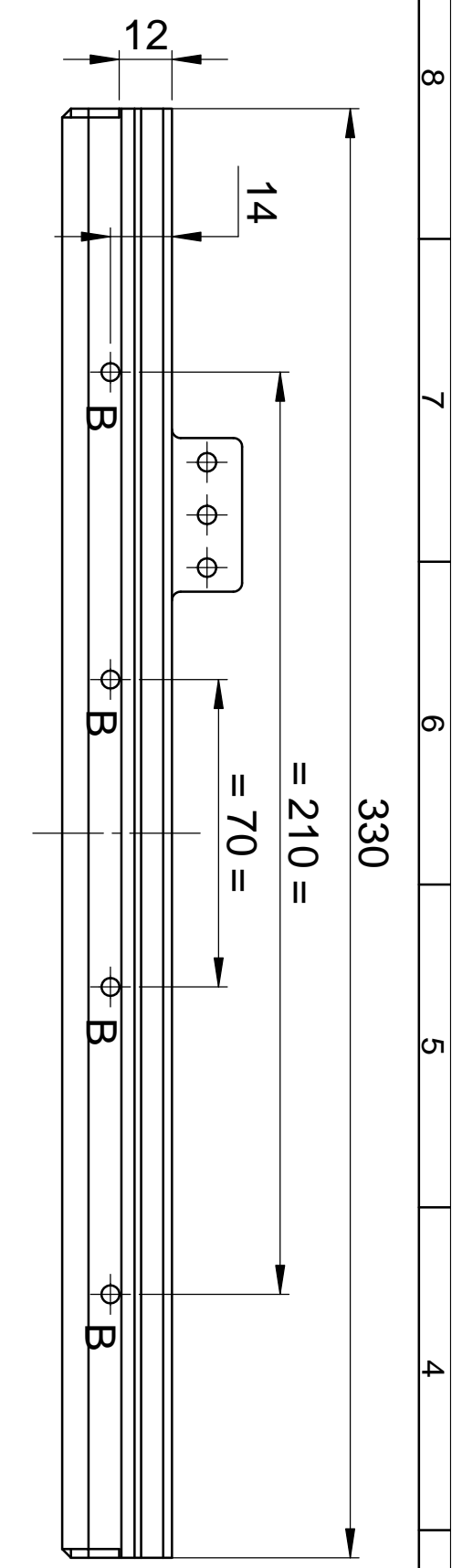
DATE

DRG. NUMBER: DPD 36 107 0 515

SIZE: A3

NO. OF SHEETS: 1 / 1





SL No	REF	DESCRIPTION	QTY
1	B	DRILL $\phi$ 4.1X9 DEEP AND M4 HELICOIL TAP	9
2	C	$\phi$ 4.2	3

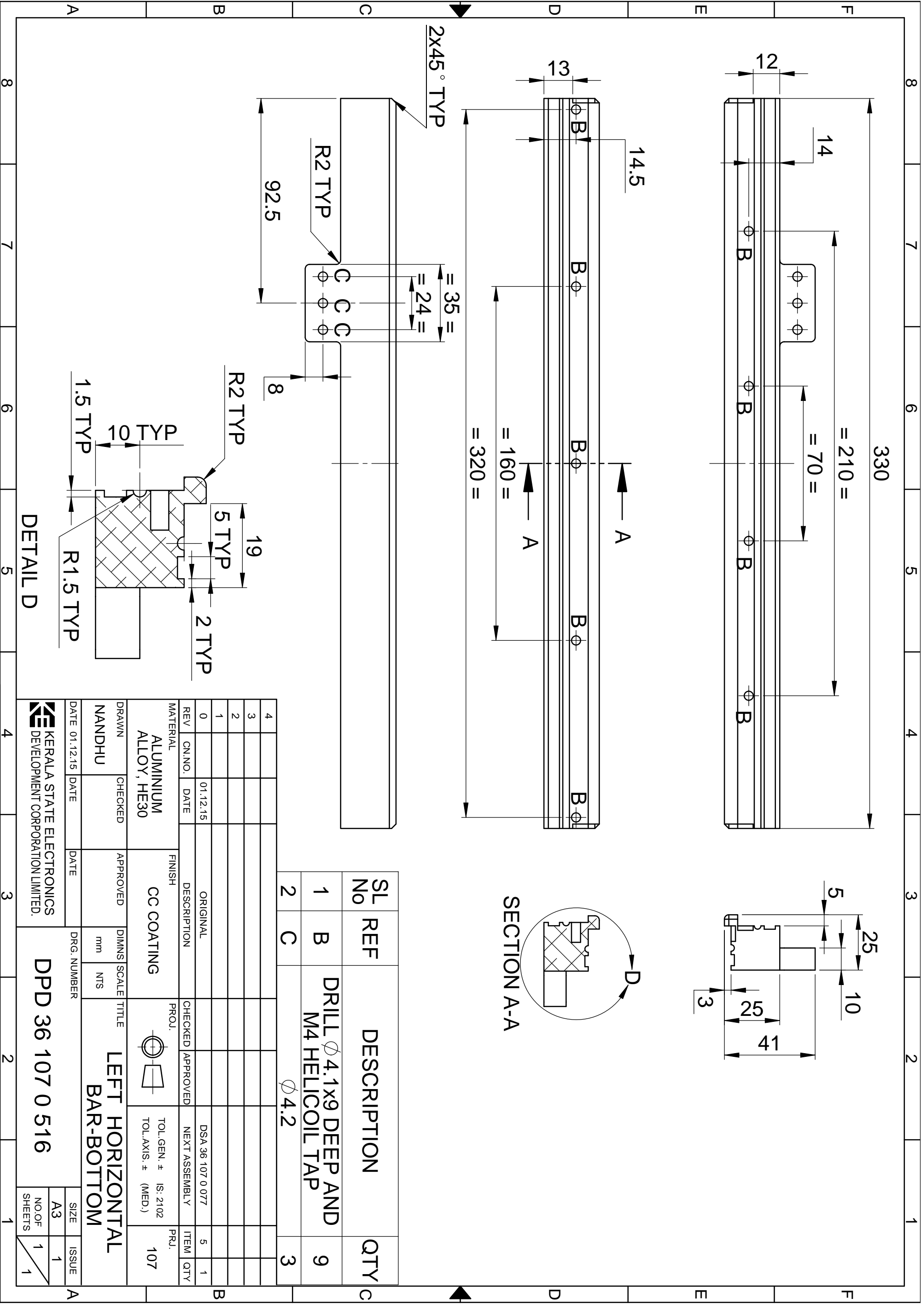
REV	GN.NO.	DATE	DESCRIPTION	CHECKED	APPROVED	PRJ.	ITEM	QTY
0			ORIGINAL					
1		01.12.15					5	1

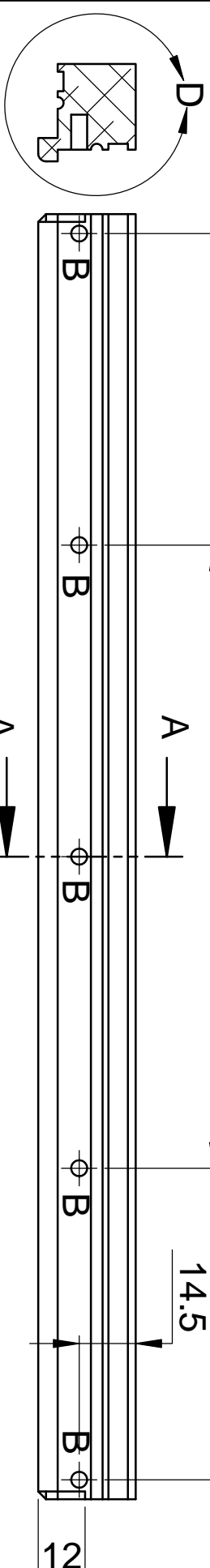
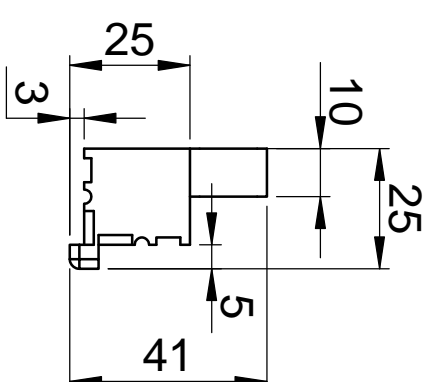
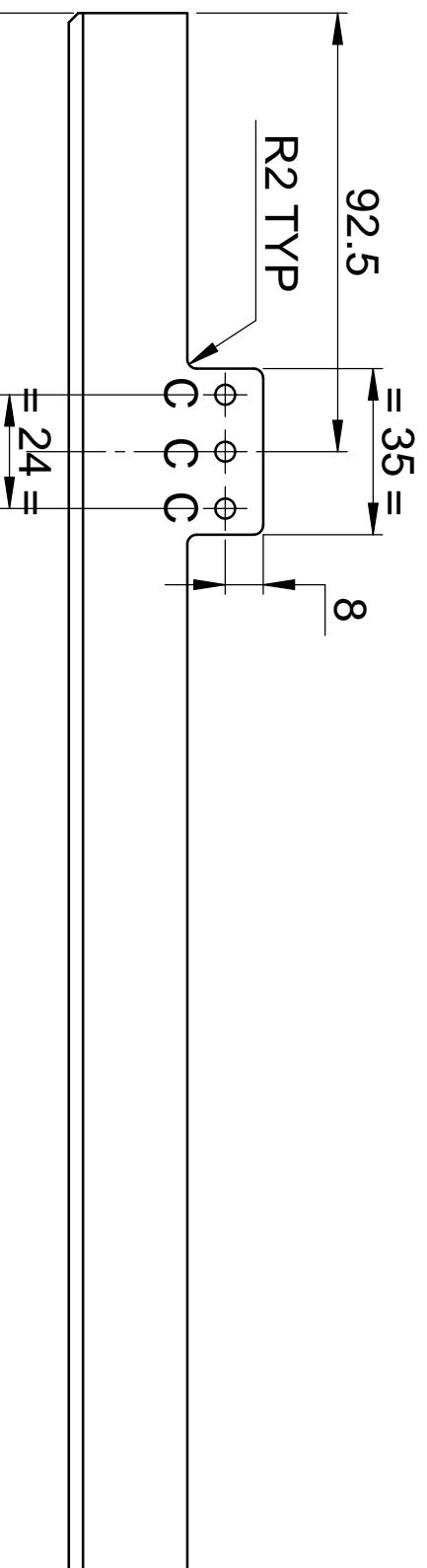
MATERIAL	ALUMINIUM ALLOY, HE30	FINISH	CC COATING	TOL.GEN. #	IS: 2102	PRJ.	107
DRAWN	NANDHU	CHECKED		TOL.AXIS. #	(MED.)		

DATE	01.12.15	DATE		DRG. NUMBER	DPD 36 107 0 516	SIZE	A3	ISSUE	1

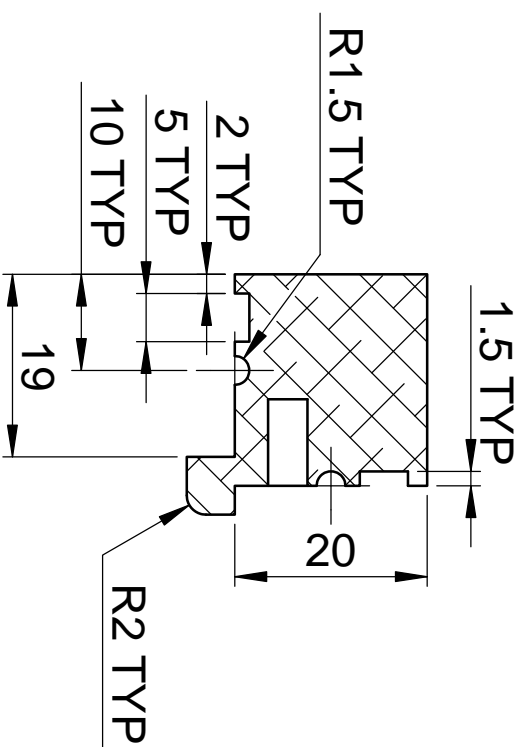
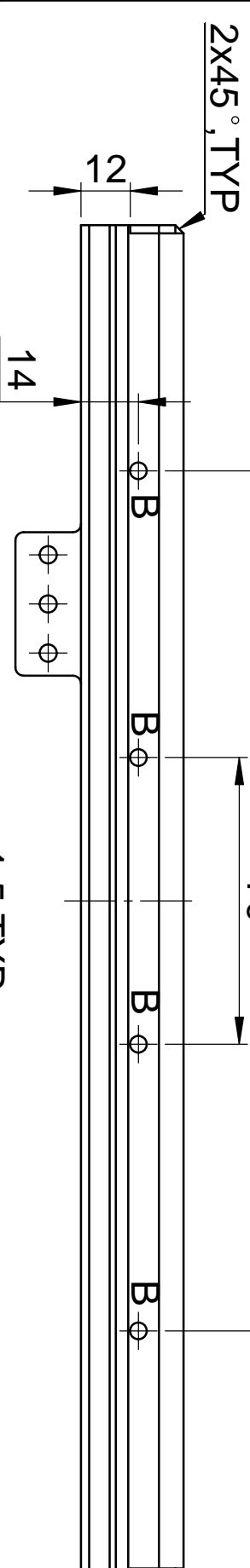
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

LEFT HORIZONTAL BAR-BOTTOM





SECTION A-A



SL No	REF	DESCRIPTION	QTY
1	B	DRILL $\phi$ 4.1x9 DEEP AND M4 HELICOIL TAP	9
2	C	$\phi$ 4.2	3

REV	ON NO.	DATE	DESCRIPTION	CHECKED	APPROVED	PRJ.	ITEM	QTY
0		01.12.15	ORIGINAL			DSA 36 107 0 077	6	1
1								
2								
3								
4								

MATERIAL	ALUMINIUM ALLOY, HE30	FINISH	CC COATING	TOL.GEN. #	IS: 2102	PRJ.	107
DRAWN	NANDHU	CHECKED		TOL.AXIS #	(MED.)		
DATE	01.12.15	DATE					

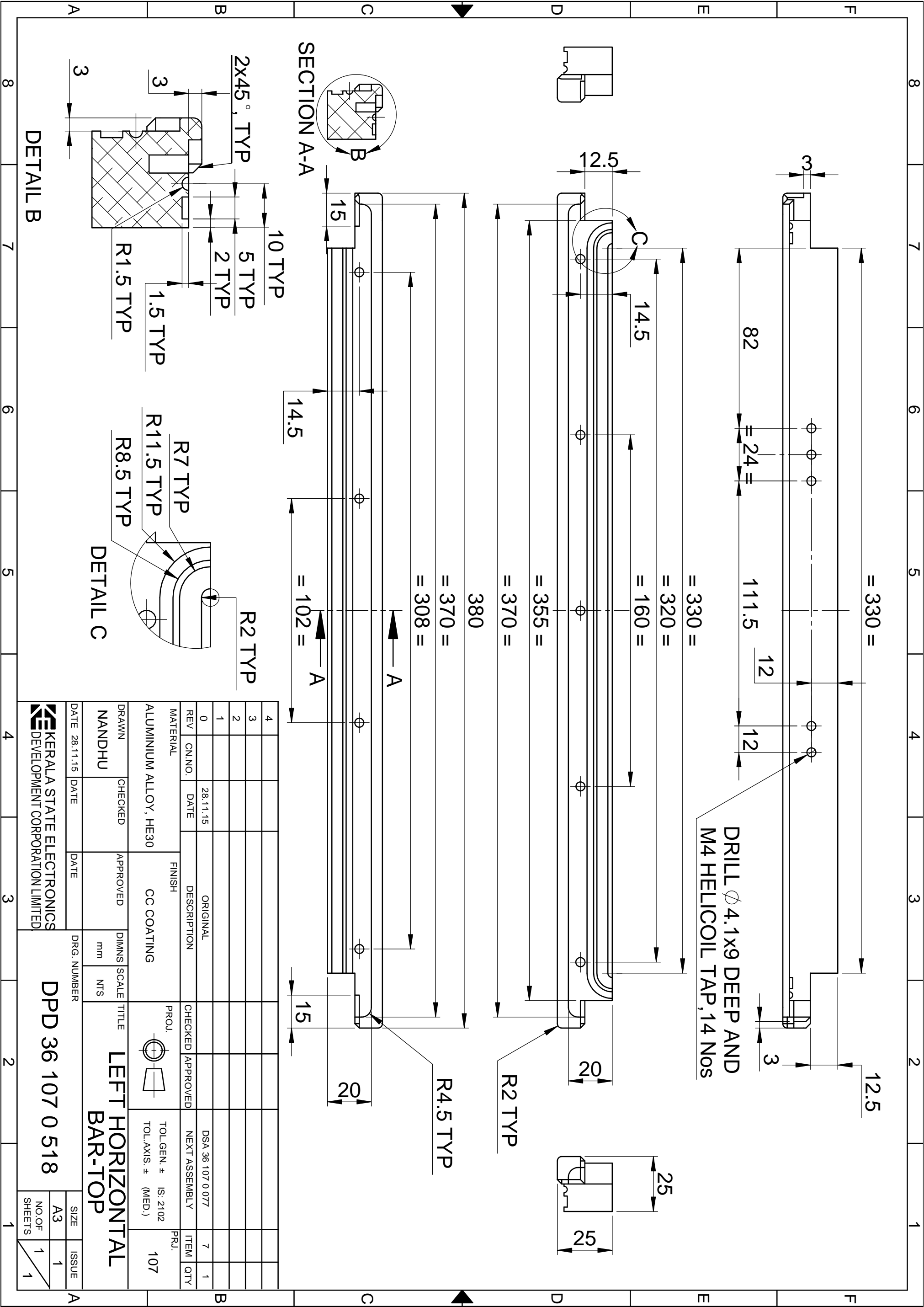
DATE	01.12.15	DATE		DRG. NUMBER	DPD 36 107 0 517
DRAWN	NANDHU	CHECKED		SIZE	A3
APPROVED		DATE		NO.OF SHEETS	1/1

DETAIL D

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 517

NO.OF SHEETS 1/1



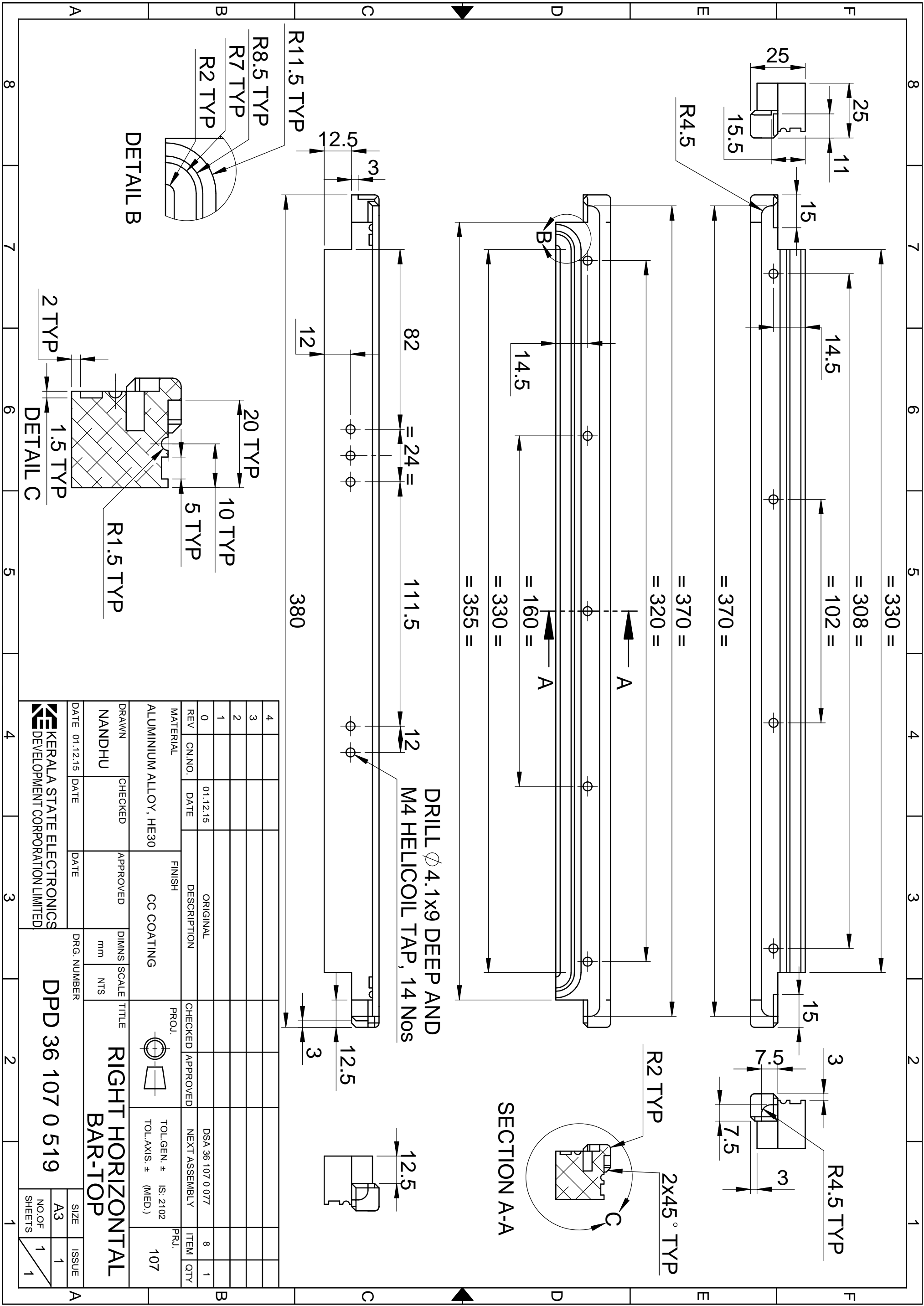
DRILL  $\phi$  4.1x9 DEEP AND  
M4 HELICOIL TAP, 14 NOS

REV	CN.NO.	DATE	DESCRIPTION	CHECKED	APPROVED	DIMS	SCALE	TITLE	PROJ.	TOL.GEN. #	IS: 2102	PRJ.
0		28.11.15	ORIGINAL			mm	NTS	LEFT HORIZONTAL BAR-TOP		DSA 36 107 0 077	(MED.)	107
1												
2												
3												
4												

DRAWN	CHECKED	APPROVED	DATE	DATE	DATE	DRG. NUMBER
NANDHU			28.11.15			DPD 36 107 0 518


KERALA STATE ELECTRONICS  
DEVELOPMENT CORPORATION LIMITED

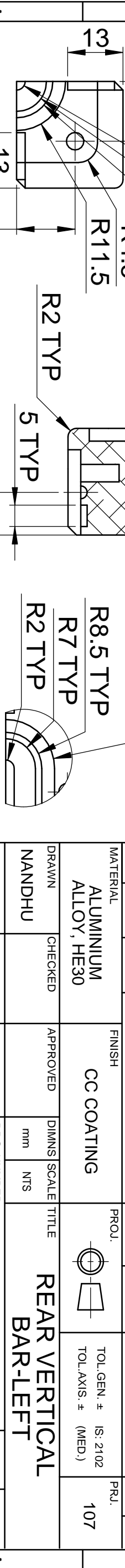
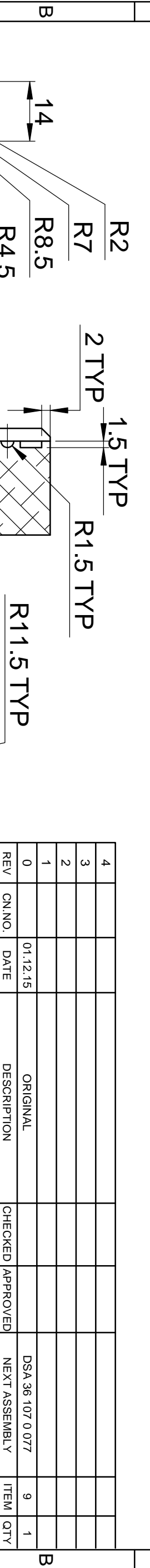
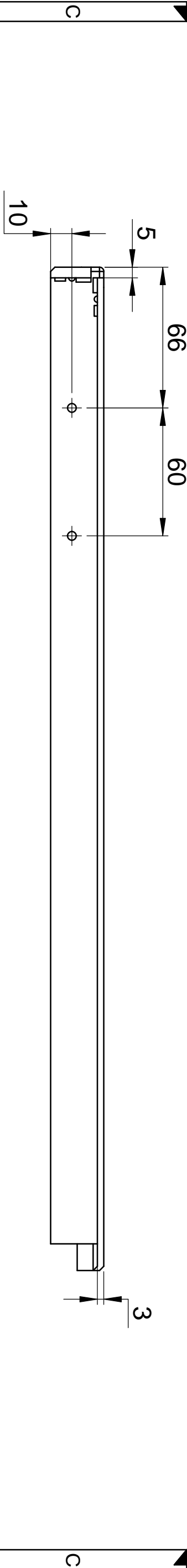
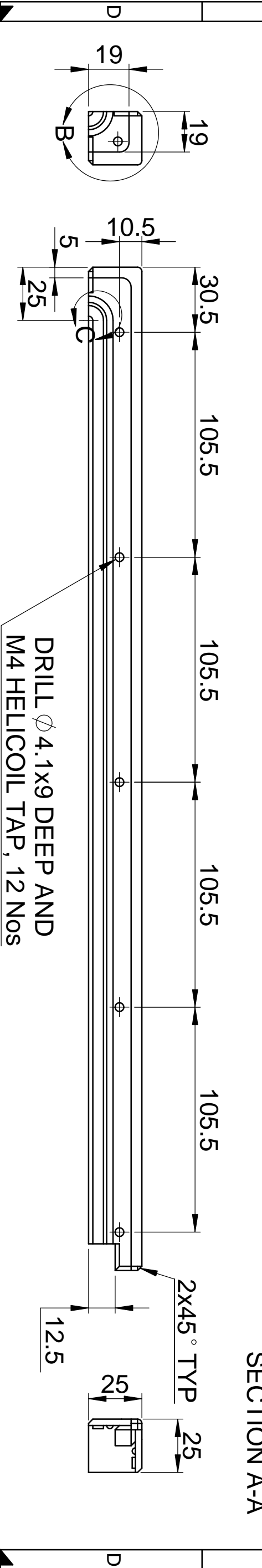
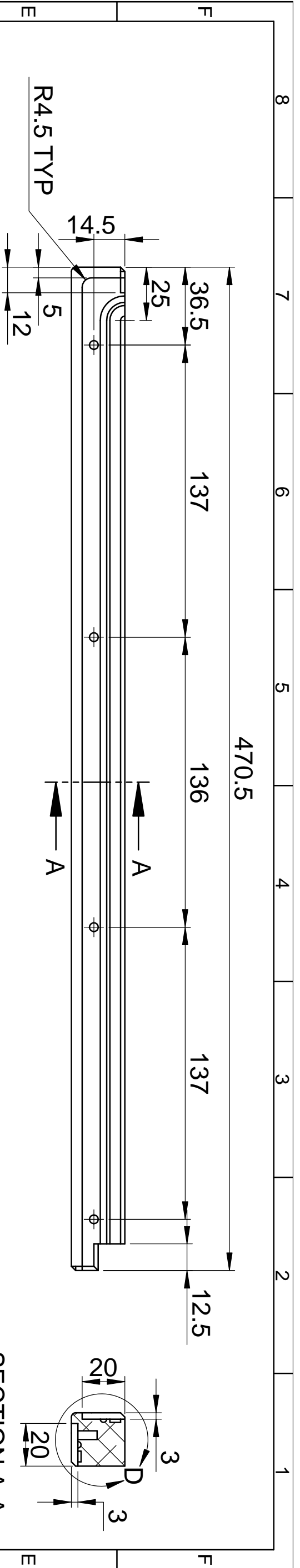
SIZE	ISSUE
A3	1
NO. OF SHEETS	1



DRILL  $\phi$ 4.1X9 DEEP AND  
M4 HELICOIL TAP, 14 NOS

SECTION A-A

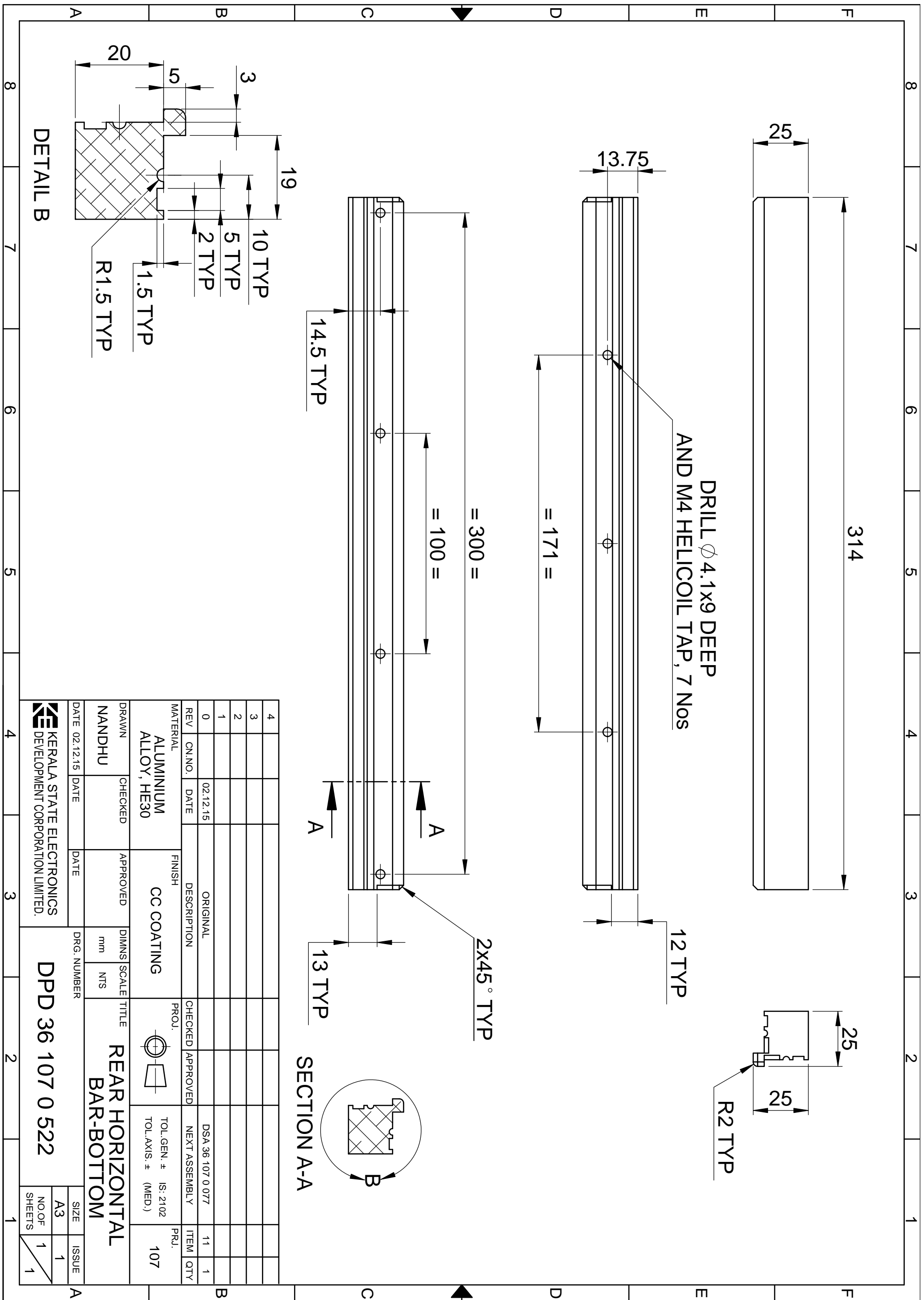
4									
3									
2									
1									
0	01.12.15	ORIGINAL				DSA 36 107 0 077	8	1	
REV	CN.NO.	DATE	DESCRIPTION	CHECKED	APPROVED	NEXT ASSEMBLY	ITEM	QTY	
MATERIAL			FINISH	PROJ.		TOL.GEN. #		IS: 2102	PRJ.
ALUMINIUM ALLOY, HE30			CC COATING			TOL.AXIS. #		(MED.)	107
DRAWN		CHECKED	APPROVED	DIMMS		SCALE		TITLE	
NANDHU				mm		NTS		RIGHT HORIZONTAL BAR-TOP	
DATE 01.12.15		DATE	DATE	DRG. NUMBER		DPD 36 107 0 519			
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED				SIZE		ISSUE			
				A3		1			
				NO.OF SHEETS		1		1	



4										
3										
2										
1										
0		01.12.15			ORIGINAL					
REV	GN.NO.	DATE			DESCRIPTION	CHECKED	APPROVED	NEXT ASSEMBLY	ITEM	QTY
								DSA 36 107 0 077	9	1
MATERIAL		FINISH		PROJ.		TOL.GEN. #		PRJ.		
ALUMINIUM ALLOY, HE30		CC COATING		CHECKED APPROVED		IS: 2102		107		
DRAWN NANDHU		APPROVED		TOL.AXIS. # (MED.)						
DATE 01.12.15		DATE								

**KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.**  
**DRG. NUMBER DPD 36 107 0 520**  
**REAR VERTICAL BAR-LEFT**  
 SIZE A3  
 NO.OF SHEETS 1/1

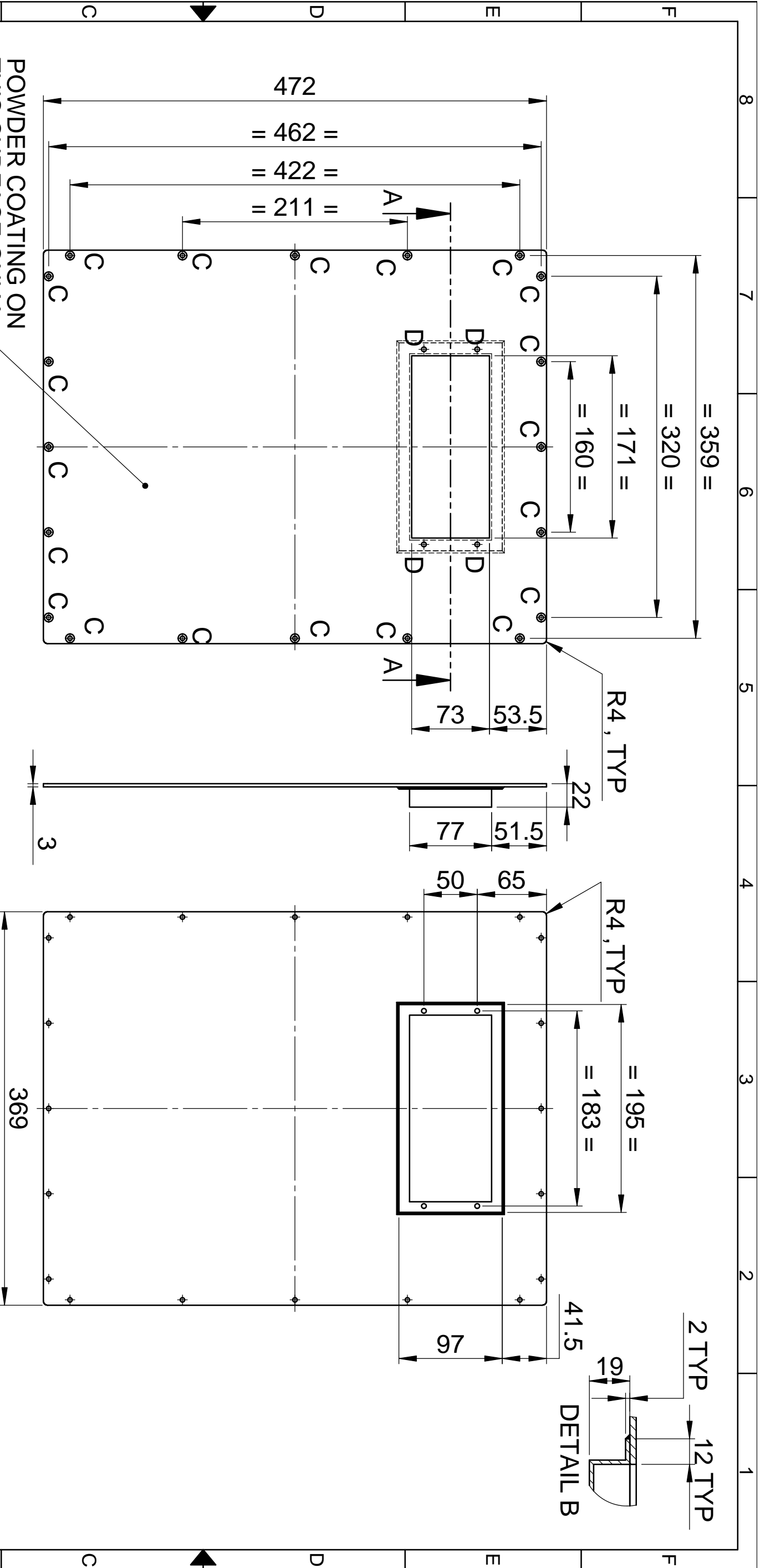




REV	QTY	DESCRIPTION	DATE	BY	CHKD	APPROVED	DATE
0	1	ORIGINAL	02.12.15				
1							
2							
3							
4							

MATERIAL		FINISH		PROJ.		TOL.GEN. #		PRJ.	
ALUMINIUM ALLOY, HE30		CC COATING		CHECKED APPROVED		IS: 2102		107	
DRAWN		APPROVED		TITLE		TOL.AXIS. # (MED.)		NO. OF SHEETS	
NANDHU		DATE		REAR HORIZONTAL BAR-BOTTOM		1		1	
DATE 02.12.15		DATE		DRG. NUMBER		SIZE		ISSUE	
02.12.15		DATE		DPD 36 107 0 522		A3		1	

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.



**NOTE:**  
POWDER COATING DA GREY IS:5 SHADE NO:632 WITH STRUCTURE FINISH AFTER C.C.COATING

SL No	REFERENCE	DESCRIPTION	QTY
1	C	∅4.2 CSK TO ∅8.2	20
2	D	∅4.5	4

REV	QTY	DATE	DESCRIPTION	BY	CHKD	APP'D	DATE	REVISION
0		01.12.15	ORIGINAL					
1								
2								
3								
4								

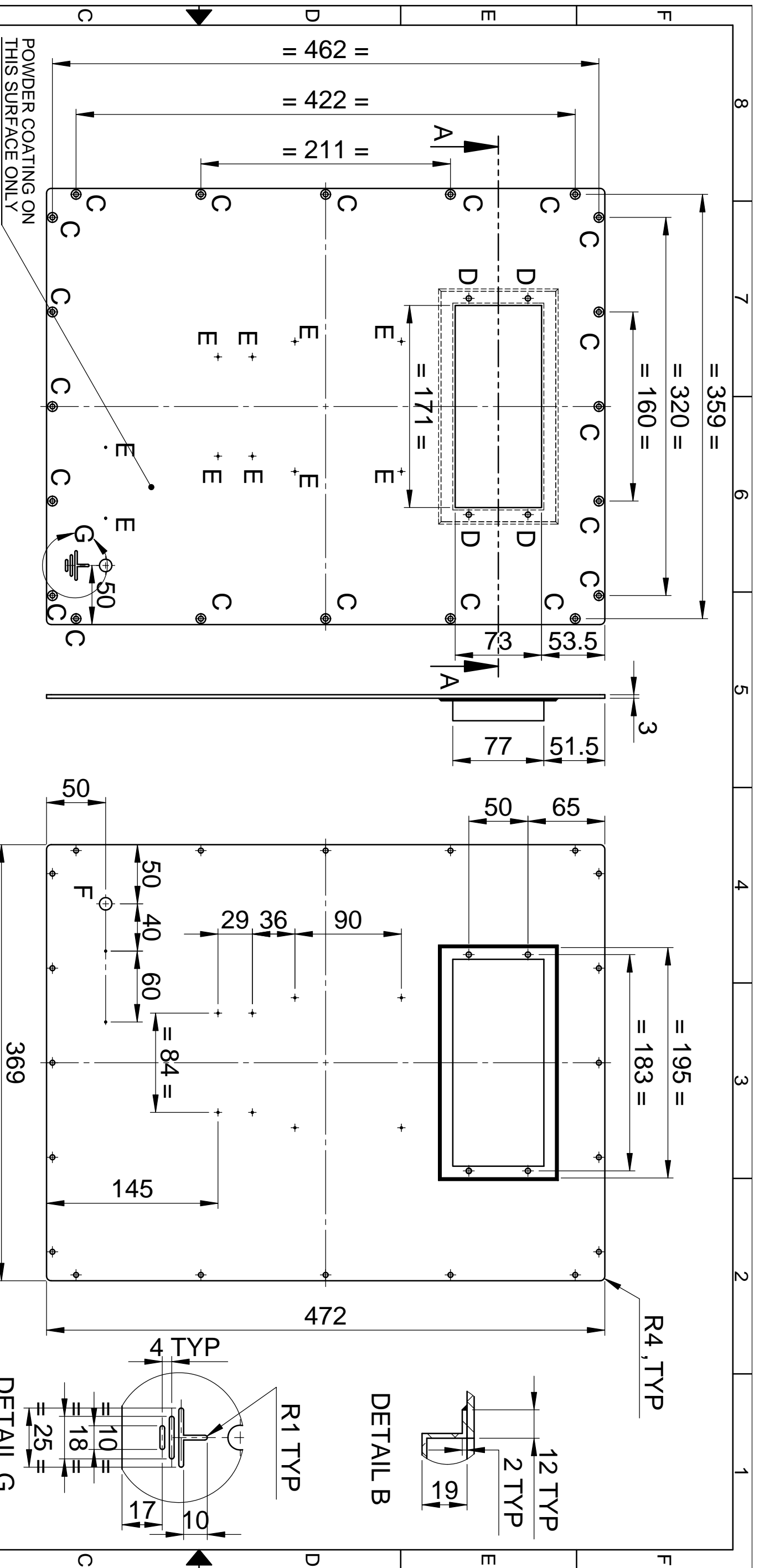
  

MATERIAL	ALUMINIUM	FINISH	SEE NOTE
5052 - H32			
DRAWN	NANDHU	CHECKED	
DATE	01.12.15	DATE	
APPROVED		DATE	
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.		DRG. NUMBER	
DPD 36 107 0 321		TITLE	
LEFT SIDE COVER		TOL.GEN. # IS: 2102	
		TOL.AXIS. # (MED.)	
		PRJ.	
		107	

DATE	01.12.15	DATE	DATE	DRG. NUMBER	DPD 36 107 0 321	SIZE	A3	NO.OF SHEETS	1	ISSUE	1
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NOTE: POWDER COATING DA GREY IS:5 SHADE NO:632 WITH STRUCTURE FINISH AFTER C.C.COATING

POWDER COATING ON THIS SURFACE ONLY

SECTION A-A

SL No	REFERENCE	DESCRIPTION	QTY
1	C	φ4.2 CSK TO φ8.2	20
2	D	φ4.5	4
3	E	DRILL φ1.6 AND M2 TAP	10
4	F	φ10.5	1

REV	GN.NO.	DATE	DESCRIPTION	CHECKED	APPROVED	ITEM	QTY
0			ORIGINAL				
1							
2							
3							
4							

DRAWN	CHECKED	APPROVED	DIMMS	SCALE	TITLE
NANDHU			mm	NTS	RIGHT SIDE COVER

MATERIAL	FINISH	PROJ.	TOL.GEN. #	IS: 2102	PRJ.
ALUMINIUM 5052 - H32	SEE NOTE		DSA 36 107 0 051		107

DATE	DATE	DATE	DRG. NUMBER
01.12.15			DPD 36 107 0 322

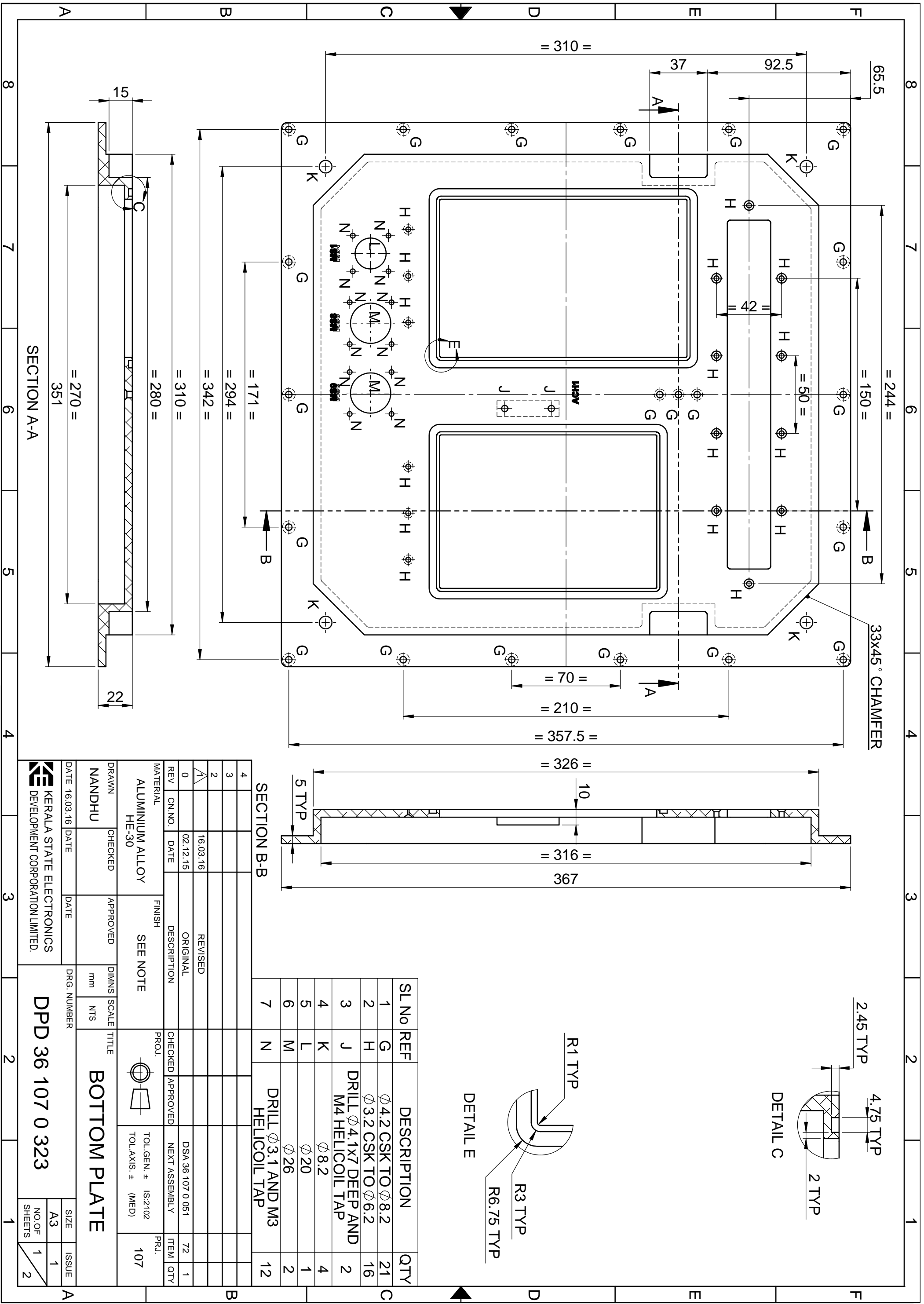
SIZE	ISSUE
A3	1

NO.OF SHEETS	1
1	1

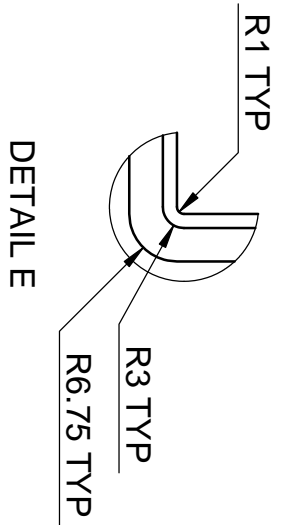
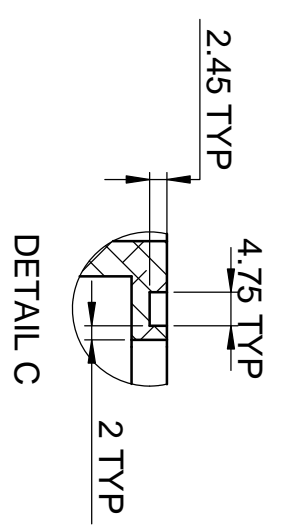
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

DRG. NUMBER DPD 36 107 0 322

NO.OF SHEETS	1
1	1



33x45° CHAMFER



SECTION B-B

SL No	REF	DESCRIPTION	QTY
1	G	Ø4.2 CSK TO Ø8.2	21
2	H	Ø3.2 CSK TO Ø6.2	16
3	J	DRILL Ø4.1x7 DEEP AND M4 HELICOIL TAP	2
4	K	Ø8.2	4
5	L	Ø20	1
6	M	Ø26	2
7	N	DRILL Ø3.1 AND M3 HELICOIL TAP	12

REV	CN.NO.	DATE	DESCRIPTION	CHECKED	APPROVED	ITEM QTY
4						
3						
2	16.03.16		REVISED			
1	02.12.15		ORIGINAL			72 1
0						

DRAWN		CHECKED		APPROVED		DIMNS		SCALE		TITLE	
NANDHU						mm		NTS		BOTTOM PLATE	
DATE 16.03.16		DATE		DATE		DRG. NUMBER		DPD 36 107 0 323		SIZE	
16.03.16						107		A3		NO. OF SHEETS	
								1		ISSUE	
								1		2	

SECTION A-A

ALUMINIUM ALLOY HE-30

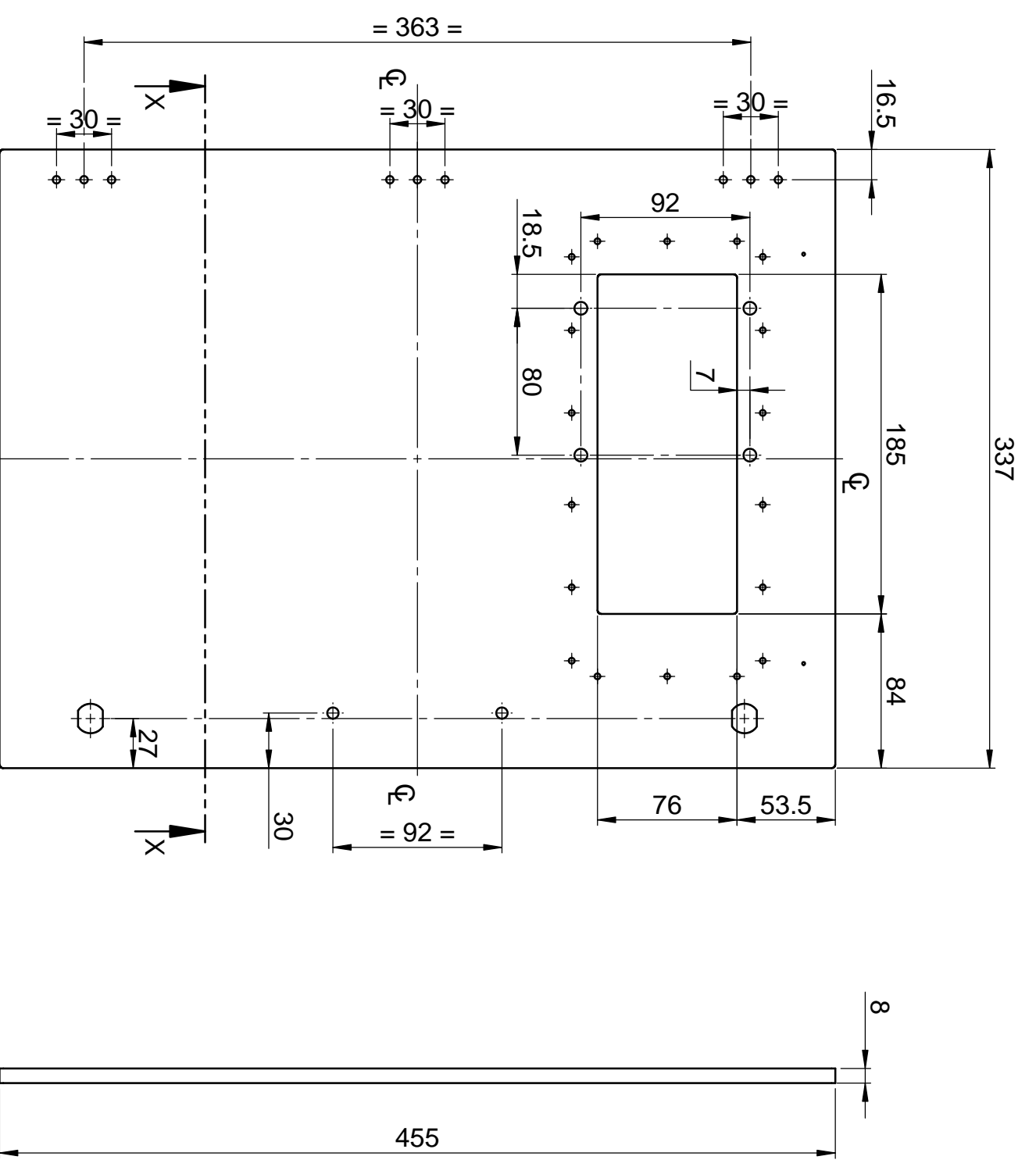
SEE NOTE

107

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

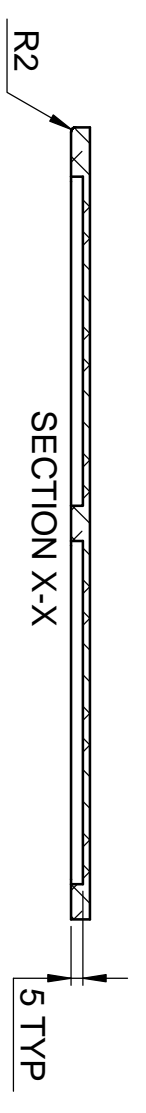
107



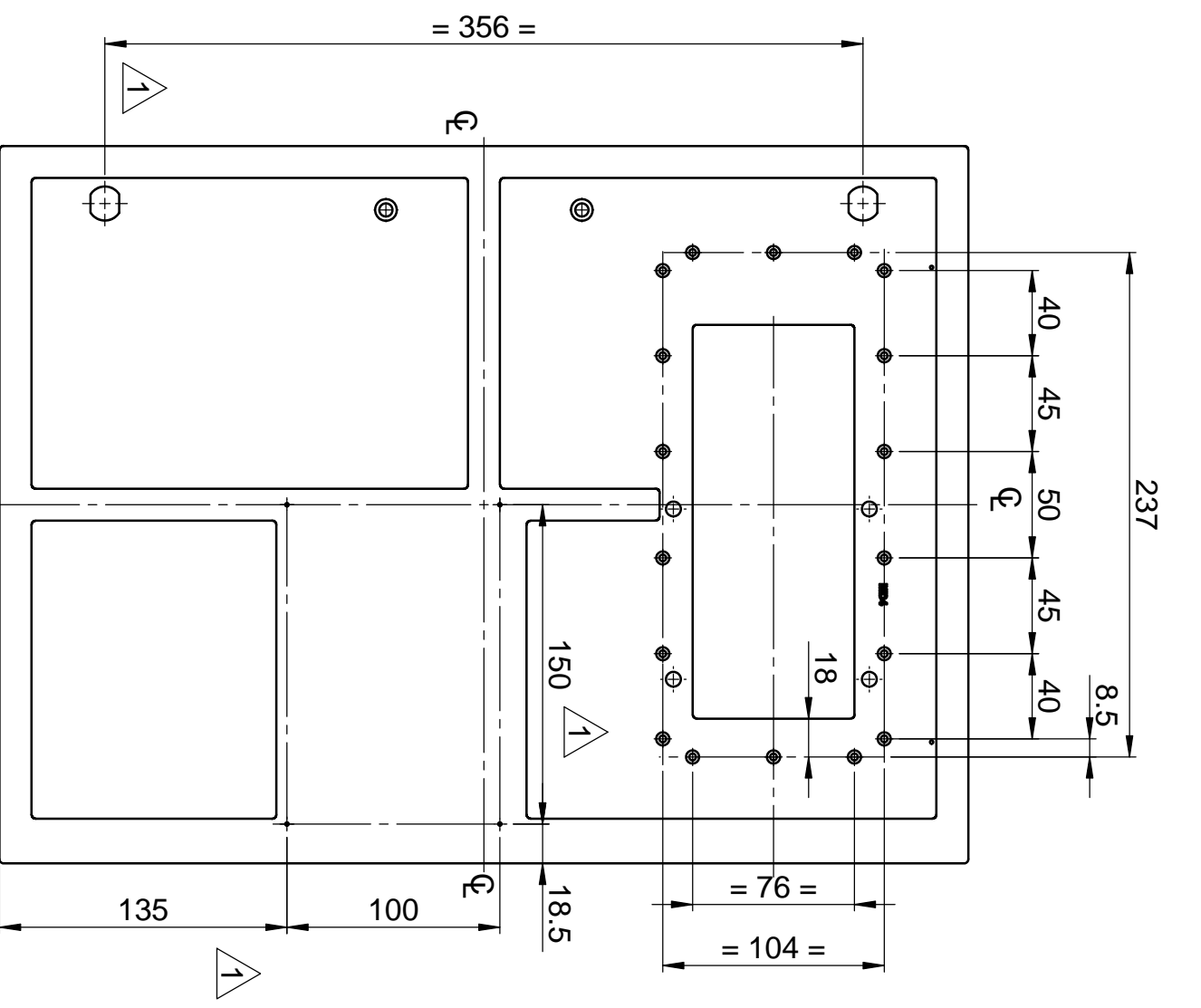


FRONT VIEW

SIDE VIEW



SECTION X-X



REAR VIEW

NOTE:

1. FACES VIEWED THROUGH REAR TO BE MASKED FROM POWDER COATING.
2. POWDER COATING DA GREY IS:5 SHADE NO:632 WITH STRUCTURE FINISH AFTER C.C.COATING

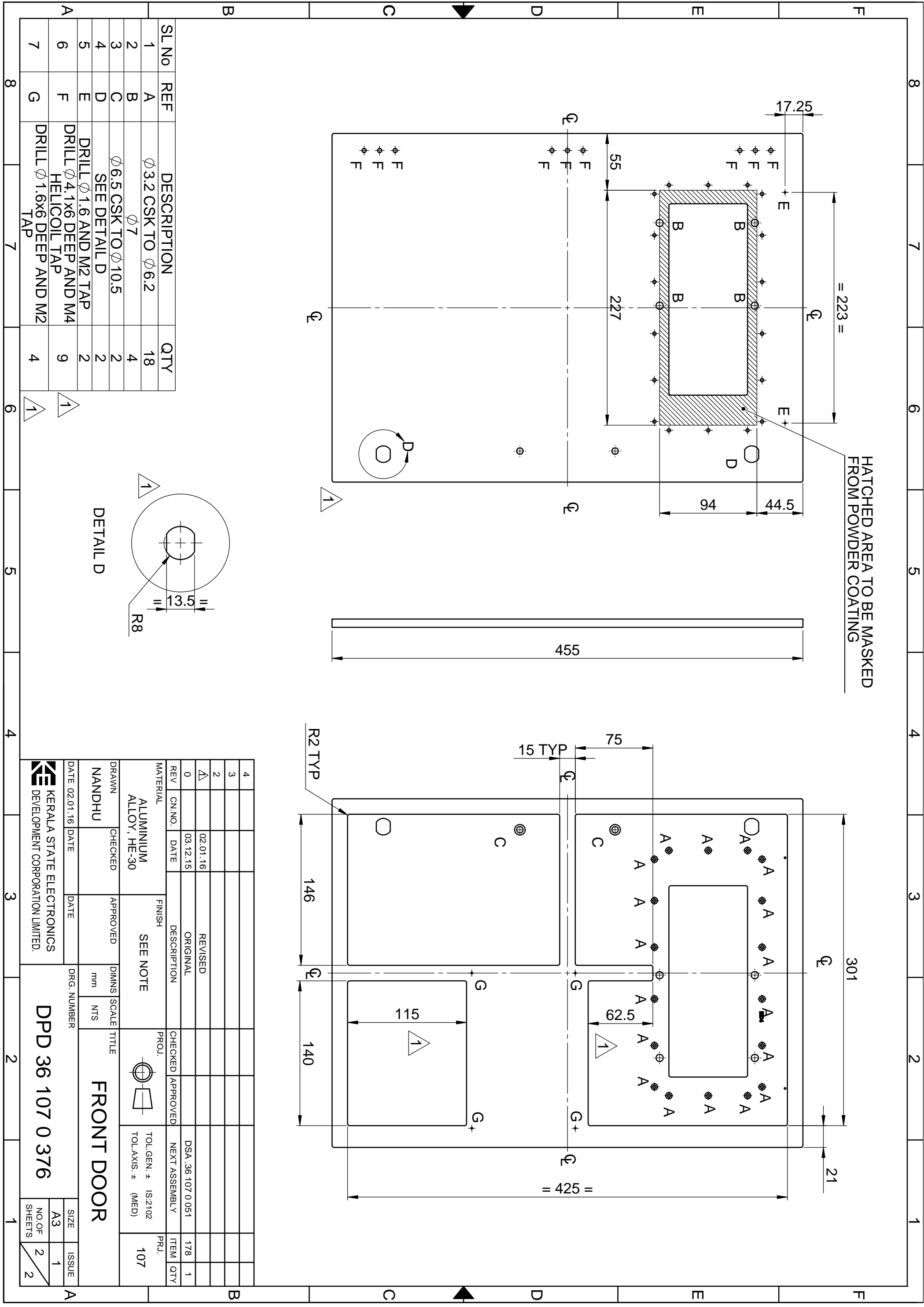
4																			
3																			
2	02.01.16	REVISED																	
1	03.12.15	ORIGINAL																	
0																			
REV / CN.NO.		DATE	DESCRIPTION	CHECKED	APPROVED	PRJ.	DSA 36 107 0 051												
MATERIAL							DSA 36 107 0 051												
DRAWN		CHECKED	APPROVED	FINISH			DSA 36 107 0 051												
NANDHU				SEE NOTE			DSA 36 107 0 051												
DATE 02.01.16		DATE	DATE	DIMNS			DSA 36 107 0 051												
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.				SCALE			DSA 36 107 0 051												
				TITLE			DSA 36 107 0 051												
				FRONT DOOR			DSA 36 107 0 051												
				TOL.GEN. ± IS:2102			DSA 36 107 0 051												
				TOL.AXIS. ± (MED)			DSA 36 107 0 051												
				PRJ.			DSA 36 107 0 051												
				107			178												
				NO.OF SHEETS			1												
				1			1												
				2			2												

FRONT DOOR

DRG. NUMBER  
DPD 36 107 0 376

DATE 02.01.16  
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

SIZE	ISSUE
A3	1
NO.OF SHEETS	2



SL NO	REF	DESCRIPTION	QTY
1	A	Ø 3.2 CSK TO Ø 6.2	18
2	B	Ø 7	4
3	C	Ø 6.5 CSK TO Ø 10.5	2
4	D	SEE DETAIL D	2
5	E	DRILL Ø 1.6 AND M2 TAP	2
6	F	DRILL Ø 4.1X6 DEEP AND M4 HELICOIL TAP	9
7	G	DRILL Ø 1.6X6 DEEP AND M2 TAP	4

REV	CN.NO.	DATE	DESCRIPTION	CHECKED	APPROVED	PRJ.	ITEM	QTY
4								
3								
2		02.01.16	REVISED				178	1
0		03.12.15	ORIGINAL				178	1

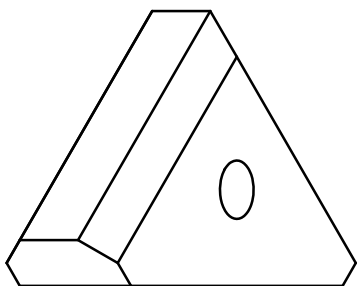
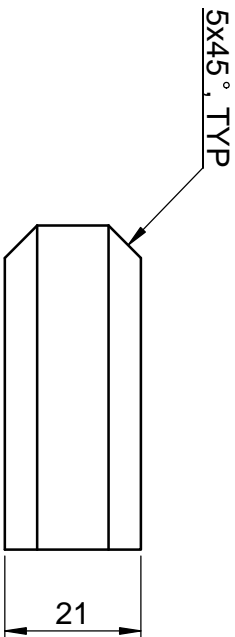
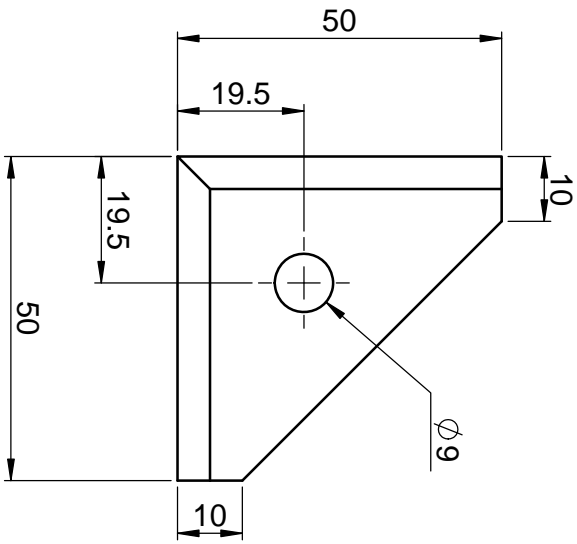
  

MATERIAL	ALUMINIUM ALLOY, HE-30	FINISH	SEE NOTE
DRAWN	NANDHU	CHECKED	
DATE	02.01.16	DATE	
DATE	02.01.16	DATE	
DIMNS		SCALE	
mm	NTS	TITLE	
<b>FRONT DOOR</b>			
DRG. NUMBER		PRJ.	
DPD 36 107 0 376		107	
SIZE	ISSUE		
A3	1		
NO. OF SHEETS	2		
	2		

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.







REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	TOL.GEN.#	IS: 2102	PRJ.
0			ORIGINAL			DSA 36 107 0 077	(MED.)	15
1		01.12.15						2
2								
3								
4								

DRAWN	CHECKED	APPROVED	DIMENS	SCALE	TITLE
NANDHU			mm	NTS	REAR CORNER BRACKET

DATE	01.12.15	DATE	DATE	DRG. NUMBER
				DPD 36 107 0 526

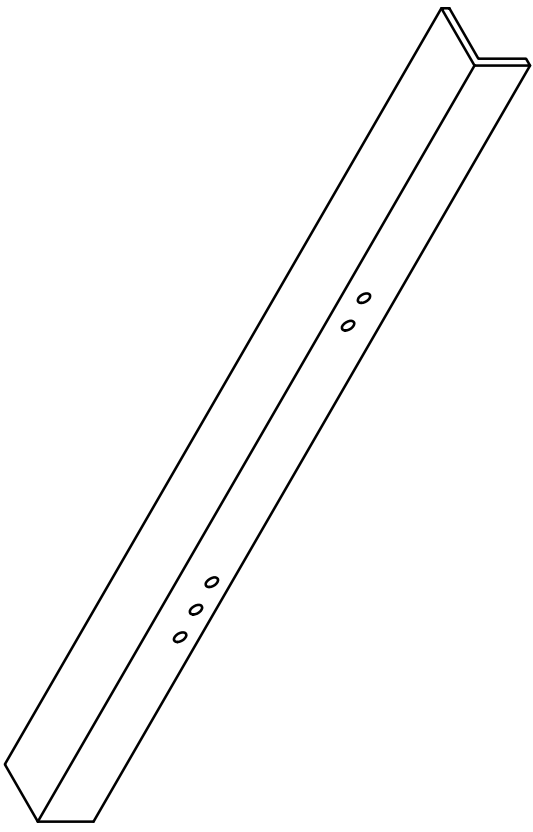
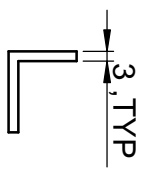
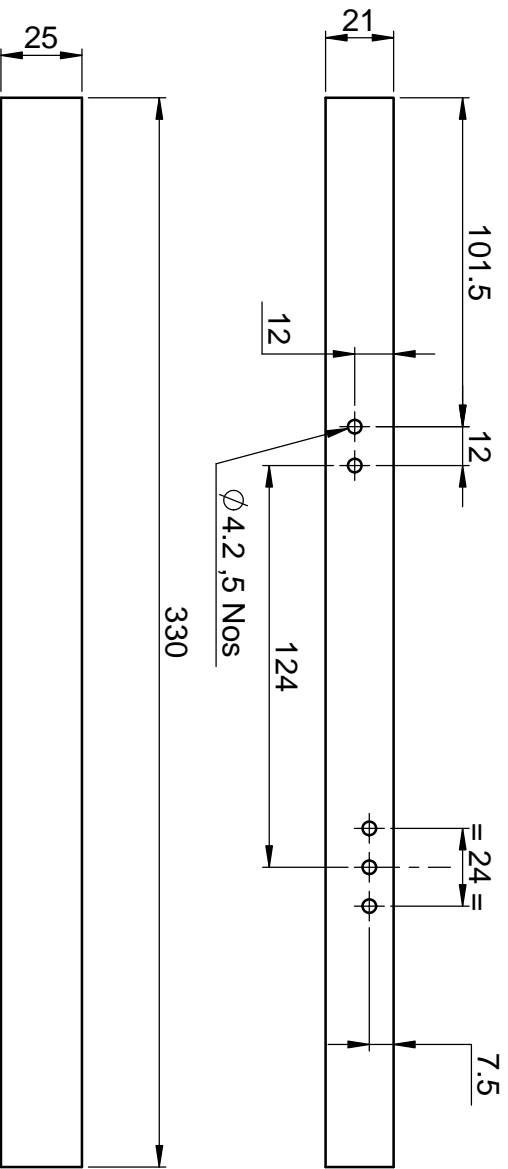
SIZE	ISSUE
A4	1
NO. OF SHEETS	1

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 526

NO. OF SHEETS 1



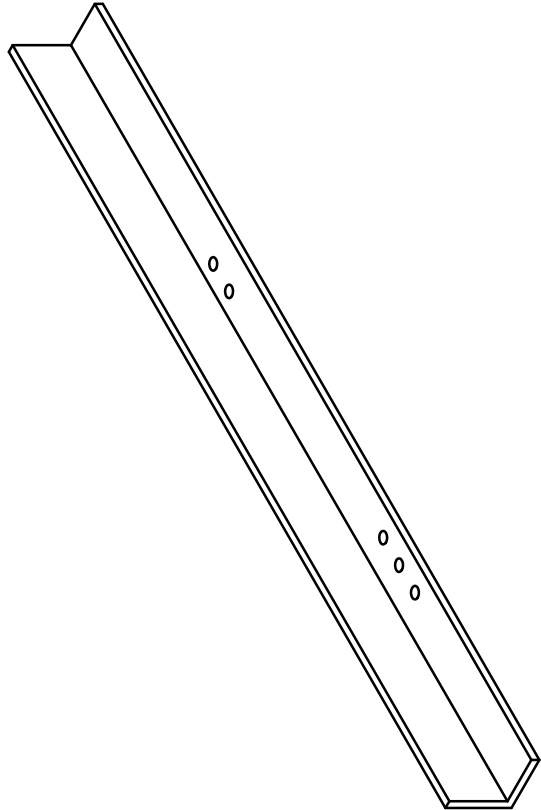
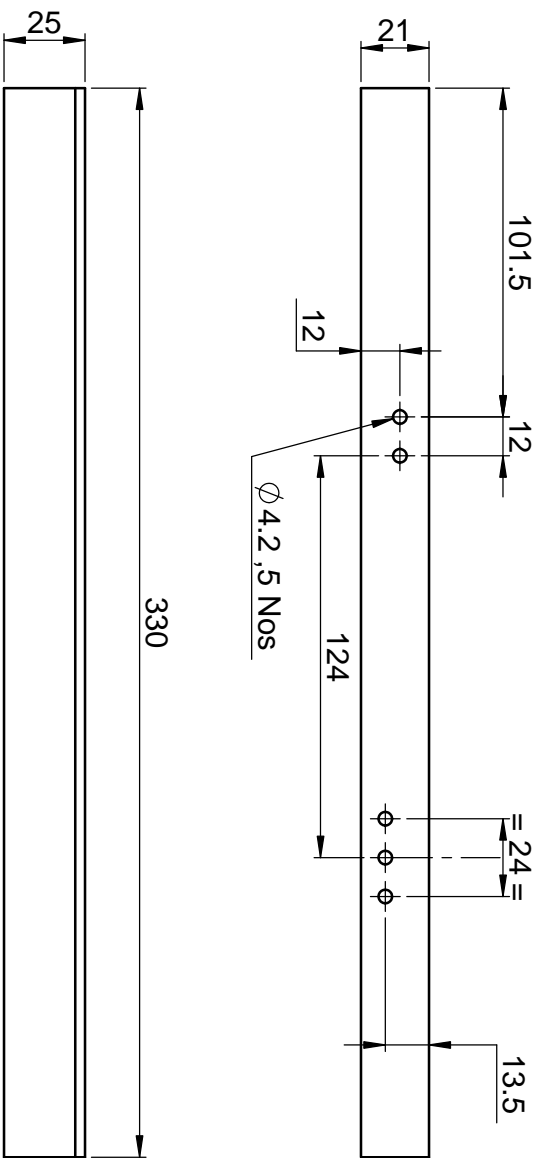


4											
3											
2											
1											
0		01.12.15			ORIGINAL						
REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL. GEN. #	IS: 2102	ITEM	QTY	PRJ.
							DSA 36 107 0 077	(MED)	16	1	107
MATERIAL		FINISH		PROJ.		TOL. GEN. #		IS: 2102		PRJ.	
ALUMINIUM		CC COATING		CHECKED		NEXT ASSEMBLY		(MED)		107	
5052 - H32				APPROVED							
DRAWN		CHECKED		APPROVED		DIMENS SCALE		TITLE		LEFT L ANGLE	
NANDHU						mm		NTS			
DATE 01.12.15		DATE		DATE		DRG. NUMBER		DPD 36 107 0 527		SIZE	
										A4	
										NO. OF	
										SHEETS	
										1	
										1	

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 527

SIZE	ISSUE
A4	1
NO. OF SHEETS	1

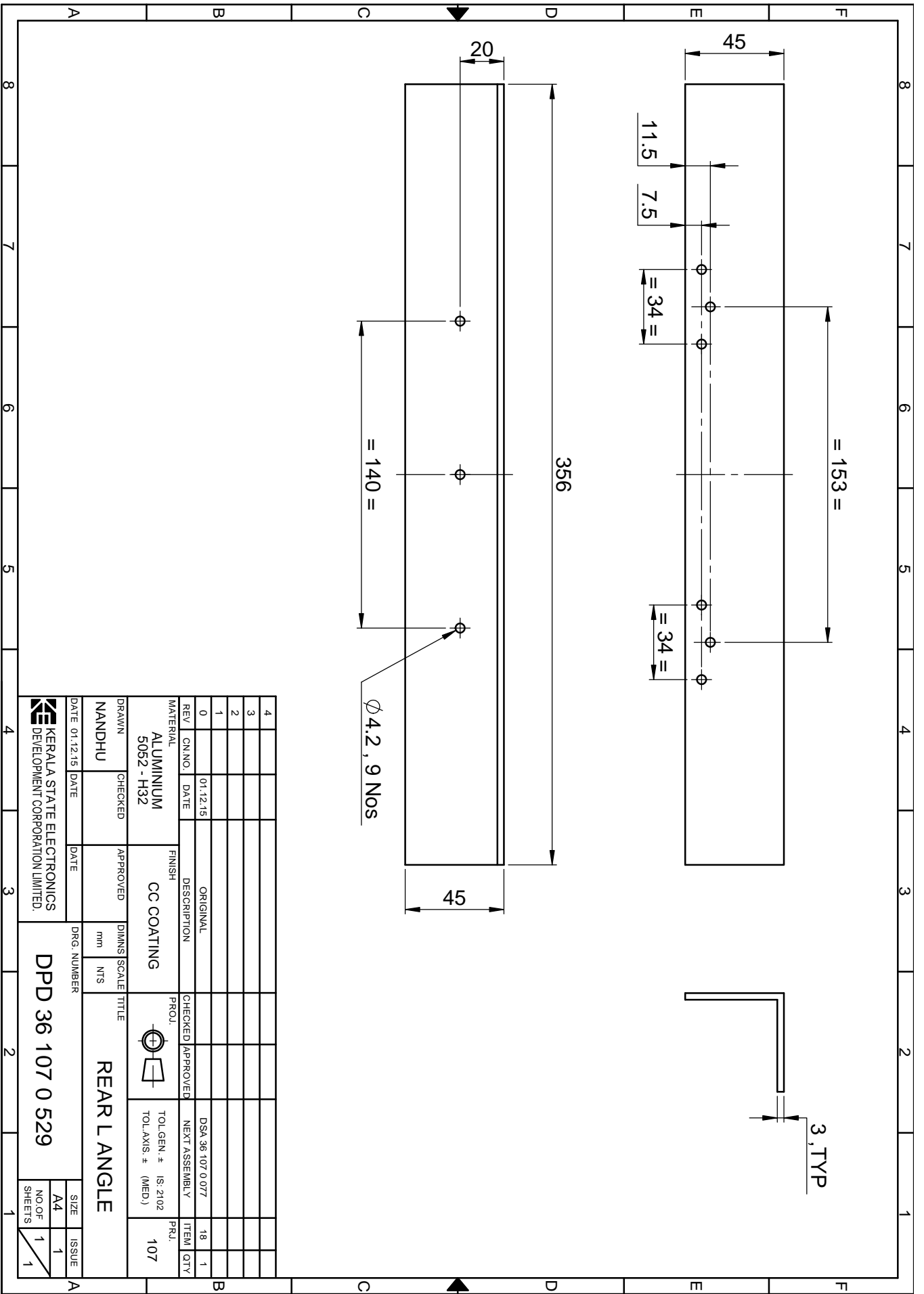


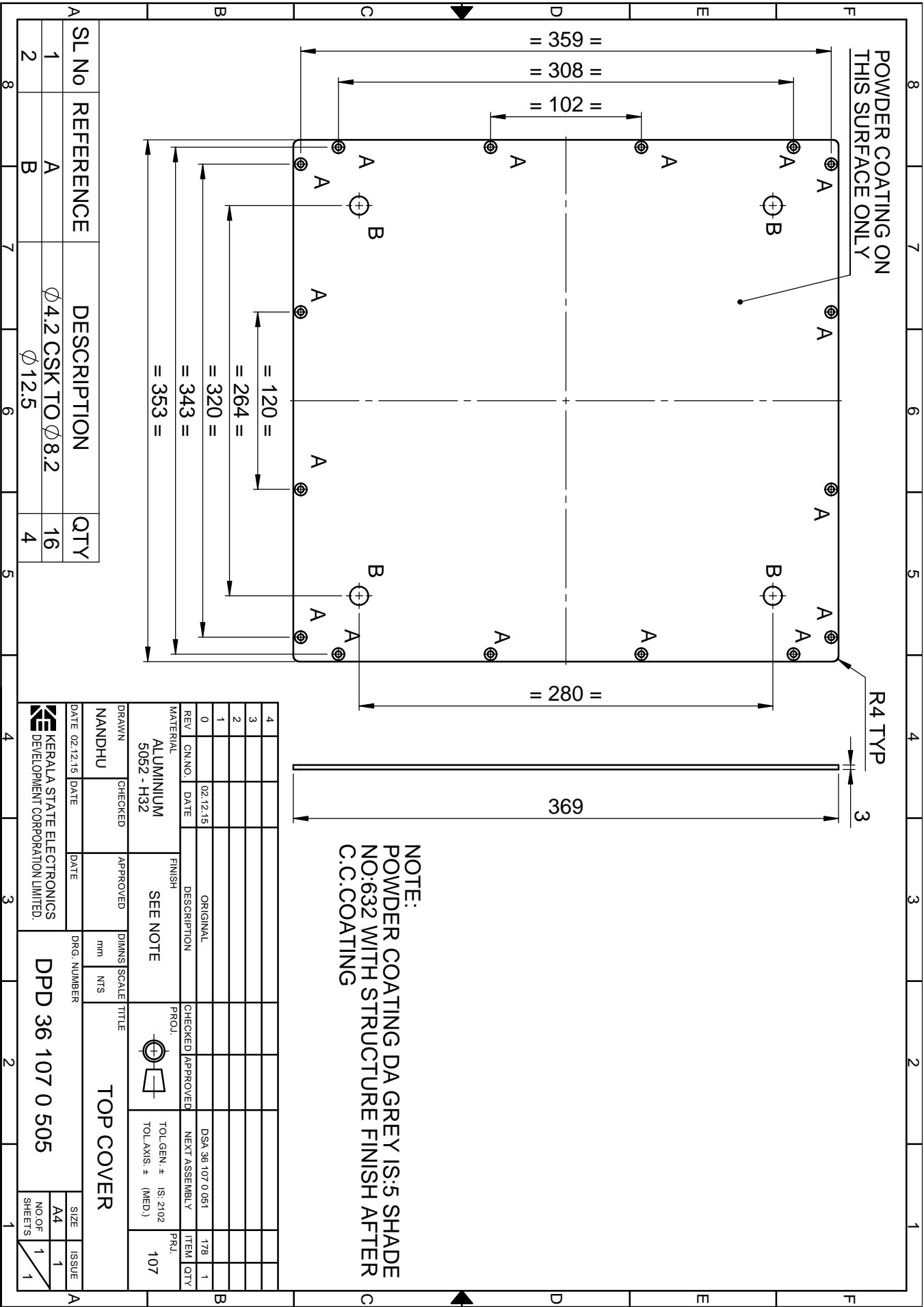
4																					
3																					
2																					
1																					
0																					
REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL. GEN. #	IS: 2102	ITEM	QTY											
		01.12.15	ORIGINAL				DSA 36 107 0 077	(MED.)	17	1											
MATERIAL		FINISH		PROJ.		TOL. GEN. #		IS: 2102		ITEM		QTY									
ALUMINIUM		CC COATING		RIGHT L ANGLE		DSA 36 107 0 077		(MED.)		17		1									
5052 - H32																					
DRAWN		CHECKED		APPROVED		DIMENS		SCALE		TITLE		SIZE		ISSUE							
NANDHU						mm		NTS		RIGHT L ANGLE		A4		1							
DATE 01.12.15		DATE		DATE		DRG. NUMBER				DPD 36 107 0 528		NO. OF		SHEETS		1		1		1	

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.

DPD 36 107 0 528

SIZE A4  
NO. OF SHEETS 1  
ISSUE 1





NOTE:  
 POWDER COATING DA GREY IS:5 SHADE  
 NO:632 WITH STRUCTURE FINISH AFTER  
 C.C.COATING

SL No	REFERENCE	DESCRIPTION	QTY
1	A	φ4.2 CSK TO φ8.2	16
2	B	φ12.5	4

REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL.GEN.#	IS:2102	PRJ.
4									
3									
2									
1			ORIGINAL				DSA 36 107 0 051		178 1
0		02.12.15					NEXT ASSEMBLY		

MATERIAL	FINISH	CHECKED <td>APPROVED <td>DATE <td>DATE </td></td></td>	APPROVED <td>DATE <td>DATE </td></td>	DATE <td>DATE </td>	DATE
ALUMINIUM	SEE NOTE				
5052 - H32					

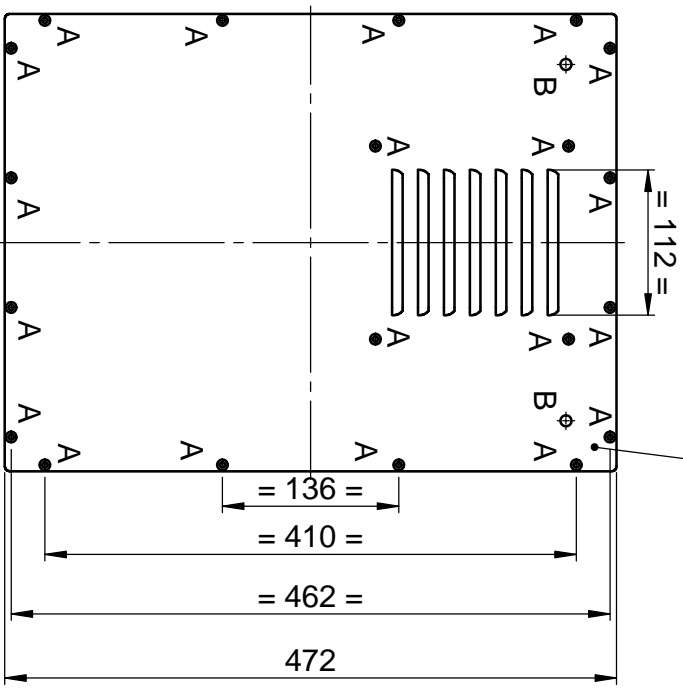
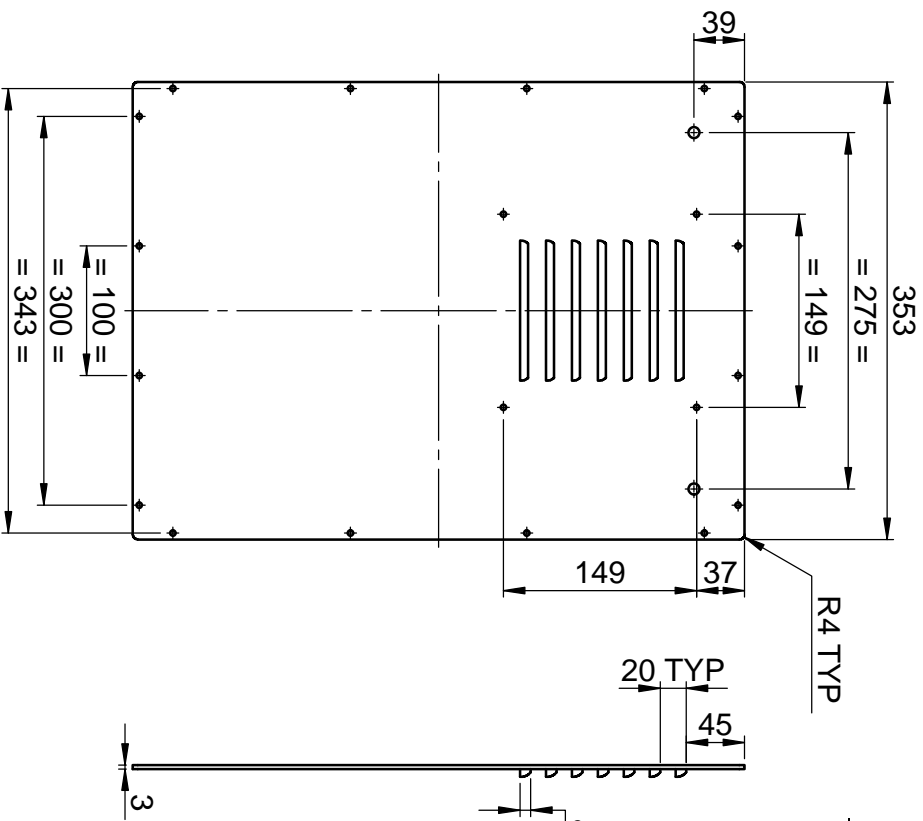
DRAWN	CHECKED	APPROVED	DIMENS	SCALE	TITLE
NANDHU			mm	NTS	TOP COVER

DATE	02.12.15	DATE		DRG. NUMBER	DPD 36 107 0 505
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.					

SIZE	A4	ISSUE	1
NO OF SHEETS	1		1



POWDER COATING THIS SURFACE ONLY

NOTE: POWDER COATING DA GREY IS:5 SHADE  
NO:632 WITH STRUCTURE FINISH AFTER  
C.C.COATING

SL No	REFERENCE	DESCRIPTION	QTY
1	A	φ4.2 CSK TO φ8.2	20
2	B	φ8.5	2

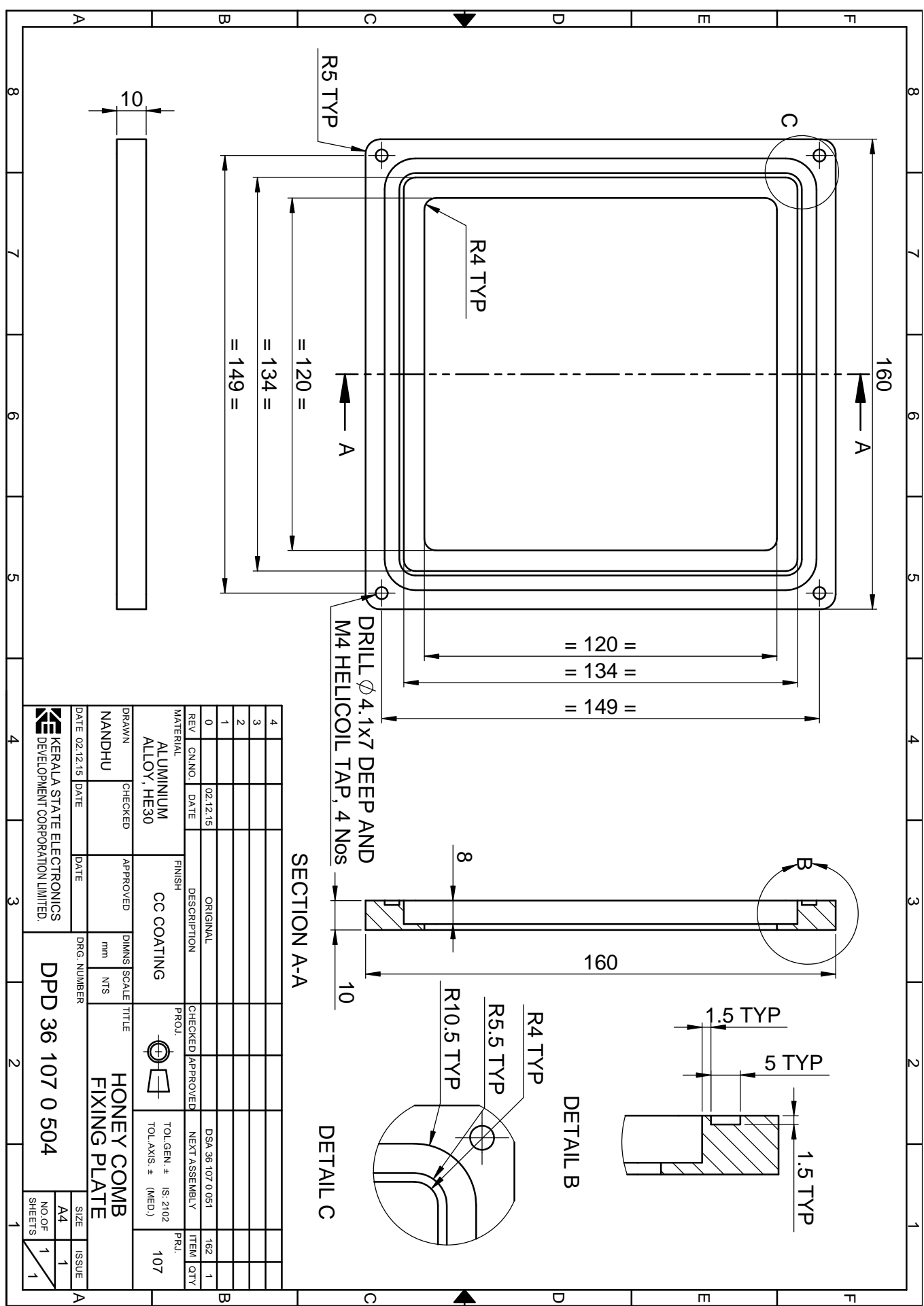
REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	ITEM	QTY
0		01.12.15	ORIGINAL				163	1
1								
2								
3								
4								

MATERIAL	ALUMINIUM	FINISH	SEE NOTE
	5052 - H32		
DRAWN	NANDHU	CHECKED	
DATE	01.12.15	DATE	
		APPROVED	
		DATE	
DIMENS SCALE		TITLE	
mm	NTS	REAR COVER	
DRG. NUMBER			
DPD 36 107 0 320			
SIZE	A4	ISSUE	1
NO OF SHEETS	1		1



KERALA STATE ELECTRONICS  
DEVELOPMENT CORPORATION LIMITED.



DRILL  $\phi$  4.1x7 DEEP AND  
M4 HELICOIL TAP, 4 Nos

SECTION A-A

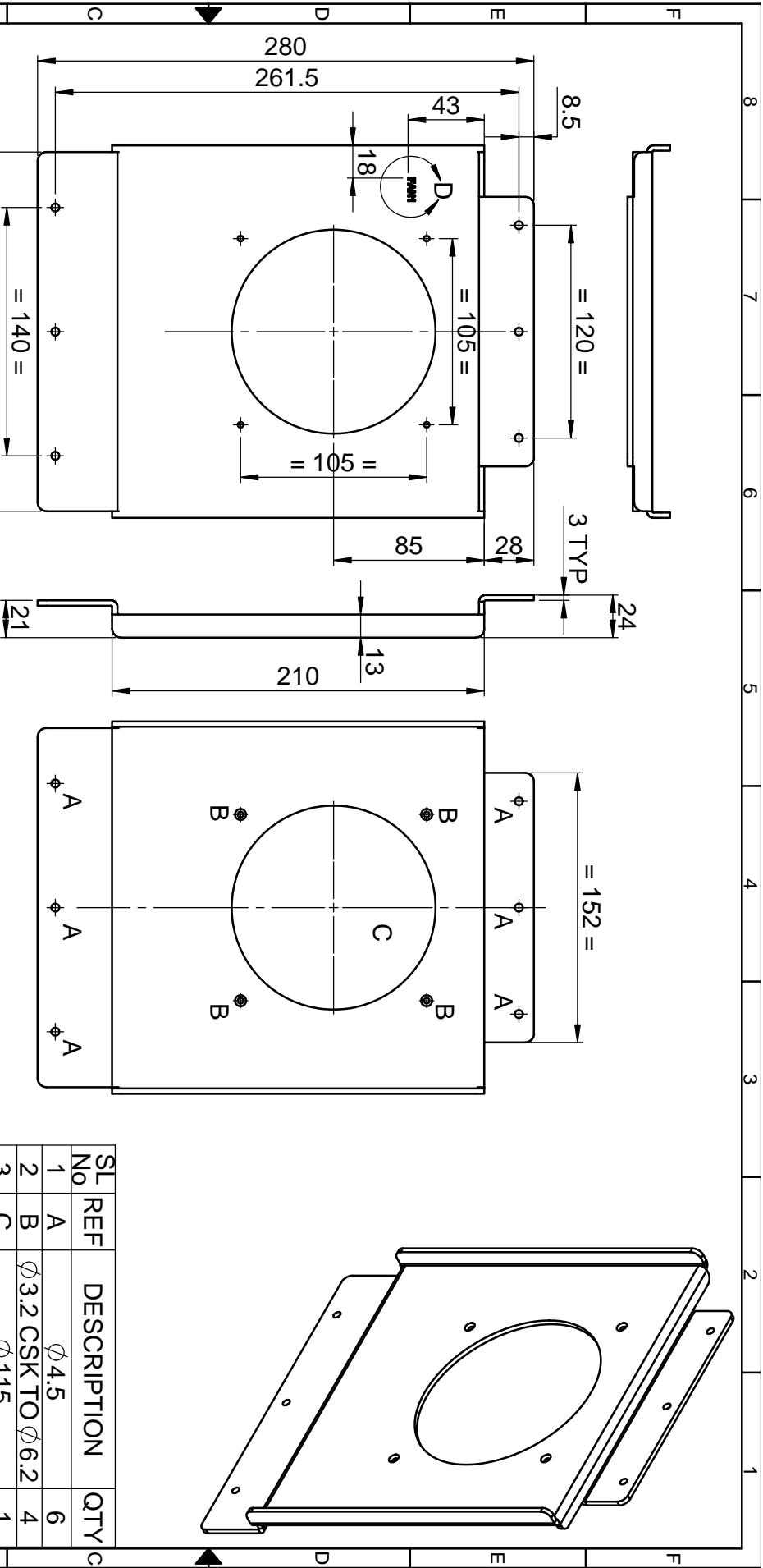
DETAIL B

DETAIL C

REV	CNNO	DATE	DESCRIPTION	CHECKED	APPROVED	PROJ.	TOL.GEN.#	ITEM	QTY
0		02.12.15	ORIGINAL				DSA 36 107 0 051	162	1
1							NEXT ASSEMBLY		
2									
3									
4									

DRAWN		CHECKED		APPROVED		DIMENS SCALE		TITLE	
NANDHU						mm NTS		HONEY COMB FIXING PLATE	
DATE 02.12.15		DATE		DATE		DRG. NUMBER		PRJ.	
						DPD 36 107 0 504		107	
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.								SIZE	
								A4	
								NO OF SHEETS	
								1	
								ISSUE	
								1	



**FAN!**  
 4 HEIGHT TEXT TO BE ENGRAVED 1 DEEP  
 AND FILLED WITH BLACK PAINT

SL No	REF	DESCRIPTION	QTY
1	A	Ø4.5	6
2	B	Ø3.2 CSK TO Ø6.2	4
3	C	Ø115	1

4									
3									
2									
1									
0		03.12.15			ORIGINAL				
REV		CNNO	DATE	DESCRIPTION		CHECKED	APPROVED	PROJ.	PRJ.
MATERIAL		ALUMINIUM 5052 - H32		FINISH		CC COATING		TOL.GEN.# IS: 2102 (MED.)	
DRAWN		NANDHU		CHECKED		APPROVED		DIMENS SCALE	
DATE		03.12.15		DATE		DATE		TITLE	
								FAN MOUNTING PLATE	
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LIMITED.		DRG. NUMBER		DPD 36 107 0 331		SIZE		ISSUE	
						A4		1	
						NO OF SHEETS		1	

8 7 6 5 4 3 2 1