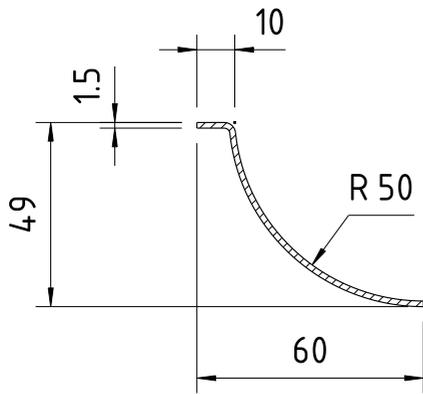
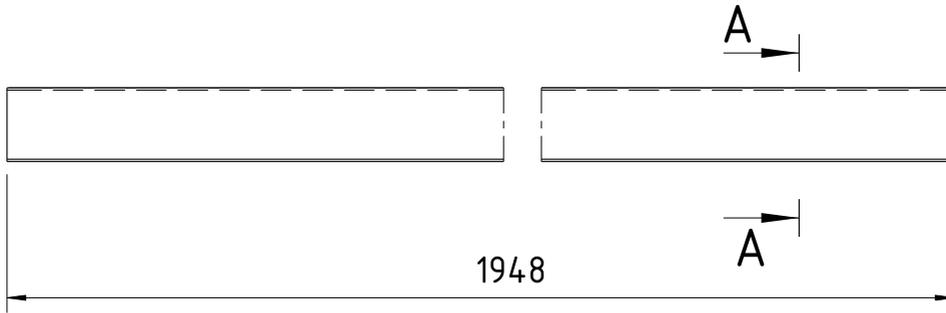


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MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)							QUALITY OF WELD JOINTS REF, RD 230 MEDIUM			
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.										
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96							STATUS:		PROTO/PRODUCTION	



SECTION A-A
SCALE 1:2

UNCONTROLLED

NOTE:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES AND BURRS.

N1	0.025										
N2	0.05										
N3	0.1										
N4	0.2										
N5	0.4										
N6	0.8										
N7	1.6										
N8	3.2										
N9	6.3										
N10	12.5										
N11	25										
N12	50										
GRADE No.											
VALUE											
SYMBOL											
SURFACE ROUGHNESS											
ALT.NO.		ECN NO/CHANGES	DATE	BY	CHKD	APPD					
BEML LIMITED <small>NEW FRONTIERS. NEW DREAMS</small>							525-23109				
COVER							SCALE: 1:1		SHEET: 1 OF 1		Wt. 1.96 Kg
PRODUCT: MUMBAI METRO CARS L2&L7							REF DRG: -		MATERIAL: SUS 304 / AISI 304, No. 2B FINISH		
HEAT TREAT: -							APPD: <i>K. Mohith</i>		30/11/2019		
SURFACE TREAT: -							REVD: <i>R. P. ...</i>		30/11/2019		
TITLE:							CHKD: <i>R. P. ...</i>		30/11/2019		
DRWN: <i>K. Mohith</i>							30/11/2019				
DRG No.							ALT				

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315 - 1000	1000 - 2000	2000 - 4000	ABOVE 4000	RA
TOLERANCE		+0.1	+0.2	+0.3	+0.5	+0.8	±1.2	±2	±3	~

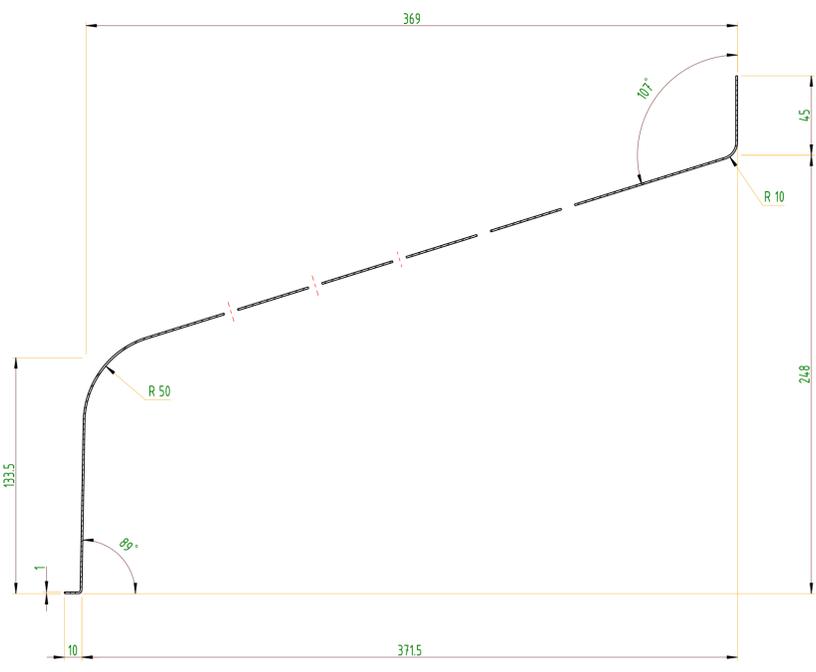
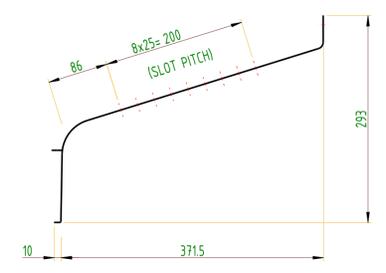
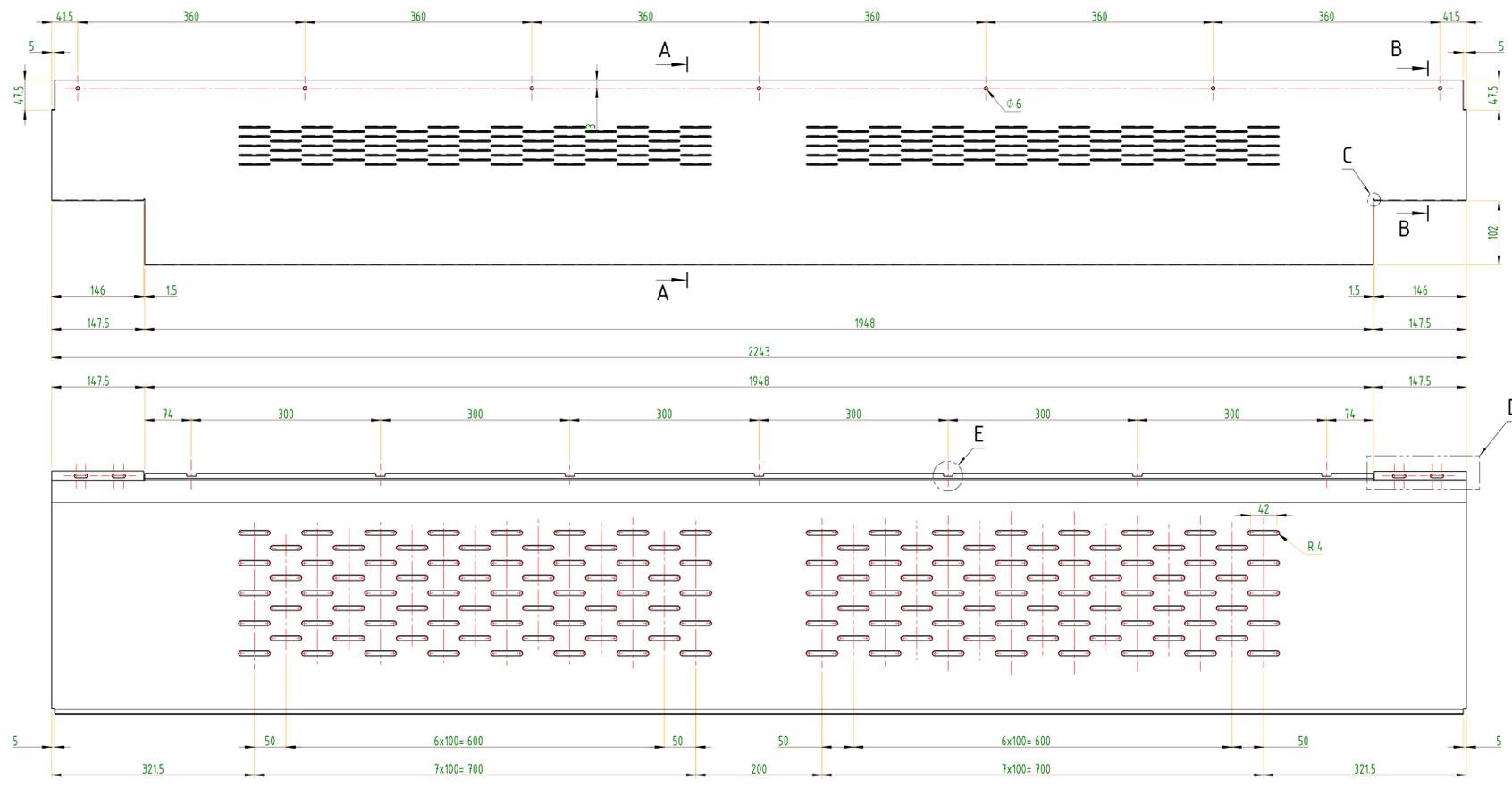
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-223

UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-II) (MEDIUM)

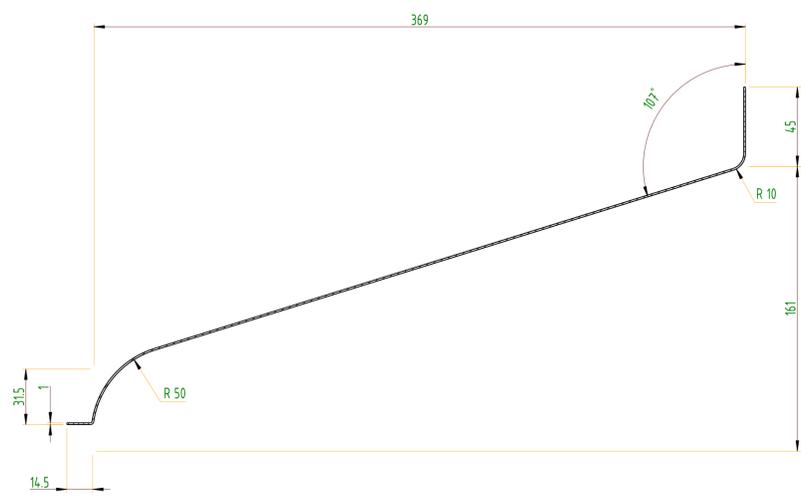
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C

WELDING SHALL BE CARRIED OUT AS PER IS. 9595-96

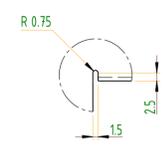
STATUS: **PROTO/PRODUCTION**



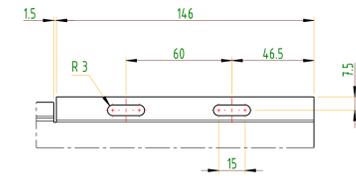
SECTION A-A
SCALE 1:2



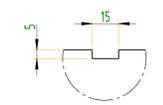
SECTION B-B
SCALE 1:2



DETAIL C
SCALE 1:1 (TYP)



DETAIL D
SCALE 1:2 (TYP)



DETAIL E
SCALE 1:2 (TYP)

UNCONTROLLED

NOTE:
1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES AND BURRS.

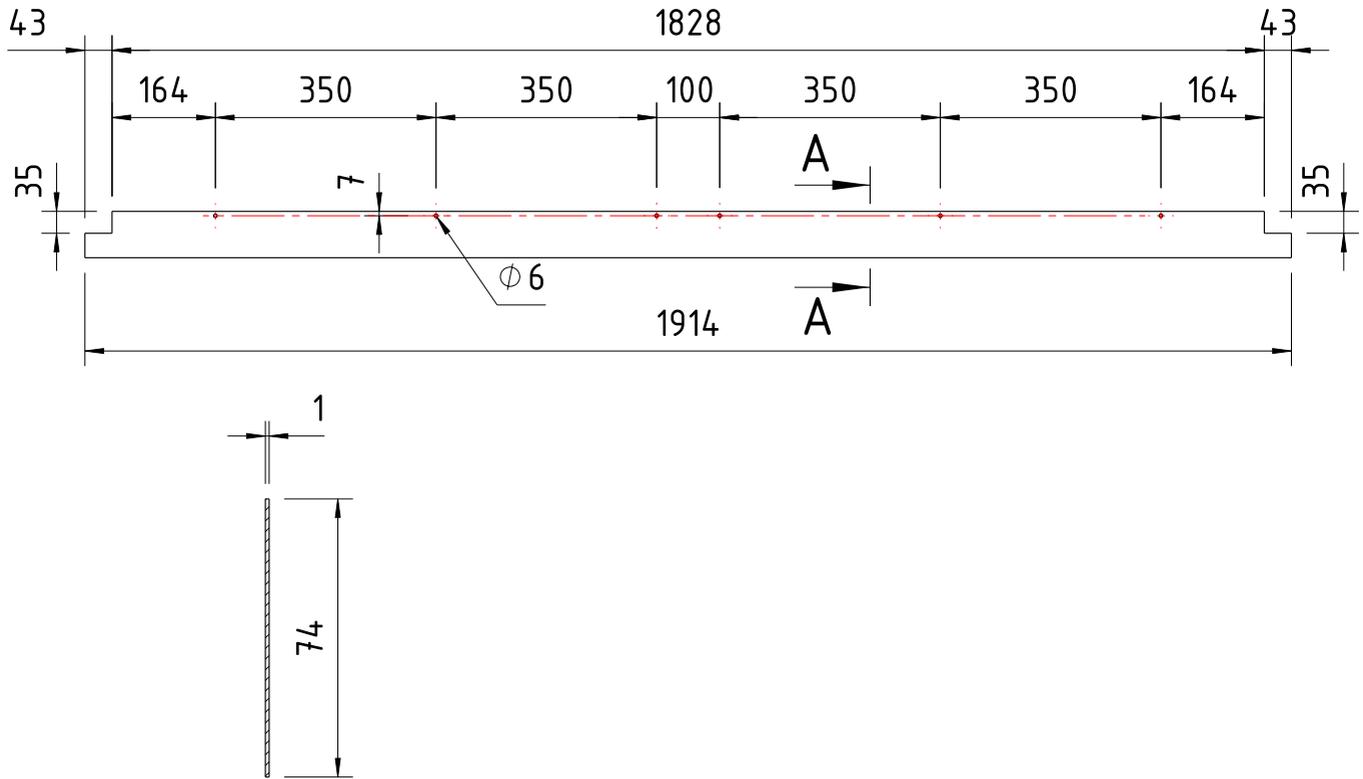
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS	Wt. (Kg)
			PRODUCT	MUMBAI METRO CARS L2&L7		
			REF. DRG			
			MATERIAL	SUS 304 / AISI 304, No. 2B FINISH		
			HEAT TREAT	APPD		30/11/2019
			SURFACE TREAT	REVD		30/11/2019
			TITLE	CHKD		30/11/2019
				DRWN		30/11/2019
				SCALE		1:10
				SHEET		1 of 1
				Wt.		9.56 Kg
				DRG No.		525-23110
				ALT		0

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MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)							QUALITY OF WELD JOINTS REF, RD 230 MEDIUM			
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.										
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96							STATUS: PROTO/PRODUCTION			



SECTION A-A
SCALE 1:2

UNCONTROLLED

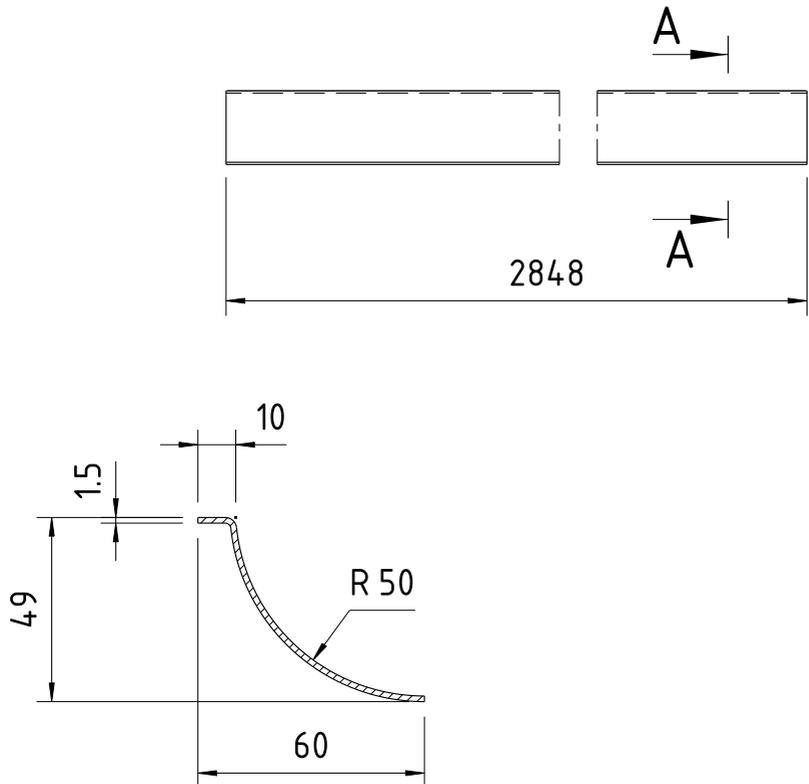
NOTE:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES AND BURRS.

N1	0.025									
N2	0.05									
N3	0.1									
N4	0.2									
N5	0.4									
N6	0.8									
N7	1.6									
N8	3.2									
N9	6.3									
N10	12.5									
N11	25									
N12	50									
GRADE No.										
VALUE										
SYMBOL										
SURFACE										
ROUGHNESS										
ALT.NO.		ECN NO/CHANGES	DATE	BY	CHKD	APPD	PRODUCT MUMBAI METRO CARS L2&L7 REF DRG - MATERIAL SUS 304 / AISI 304, No. 2B FINISH HEAT TREAT. - SURFACE TREAT. - TITLE		APPD <i>[Signature]</i> 30/11/2019 REVD <i>[Signature]</i> 30/11/2019 CHKD <i>[Signature]</i> 30/11/2019 DRWN <i>[Signature]</i> 30/11/2019	SCALE 1:12 SHEET 1 OF 1 Wt. 1.1 Kg
BASE BEML LIMITED <small>NEW FRONTIERS. NEW DREAMS</small>							525-23111		ALT 0	

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MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)							QUALITY OF WELD JOINTS REF, RD 230 MEDIUM			
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.							STATUS: PROTO/PRODUCTION			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										



SECTION A-A
SCALE 1:2

UNCONTROLLED

- NOTE:**
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES AND BURRS.

N1	0.025	▽
N2	0.05	▽
N3	0.1	▽
N4	0.2	▽
N5	0.4	▽
N6	0.8	▽
N7	1.6	▽
N8	3.2	▽
N9	6.3	▽
N10	12.5	▽
N11	25	▽
N12	50	▽
GRADE No.		▽
VALUE		▽
SYMBOL		▽
SURFACE ROUGHNESS		▽

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)
					MATERIAL	
			PRODUCT	MUMBAI METRO CARS L2&L7		
			REF DRG	-		
			MATERIAL	SUS 304 / AISI 304, No. 2B FINISH		
			HEAT TREAT.	-	APPD	30/11/2019
			SURFACE TREAT.	-	REVD	30/11/2019
			TITLE	CHKD	30/11/2019	
				DRWN	30/11/2019	
				SCALE	1:1	
				SHEET	1 OF 1	2.9 Kg
				DRG No.	525-23112	ALT
						0

COVER

