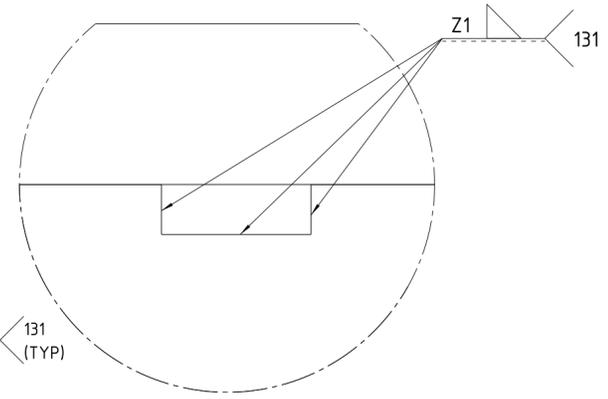
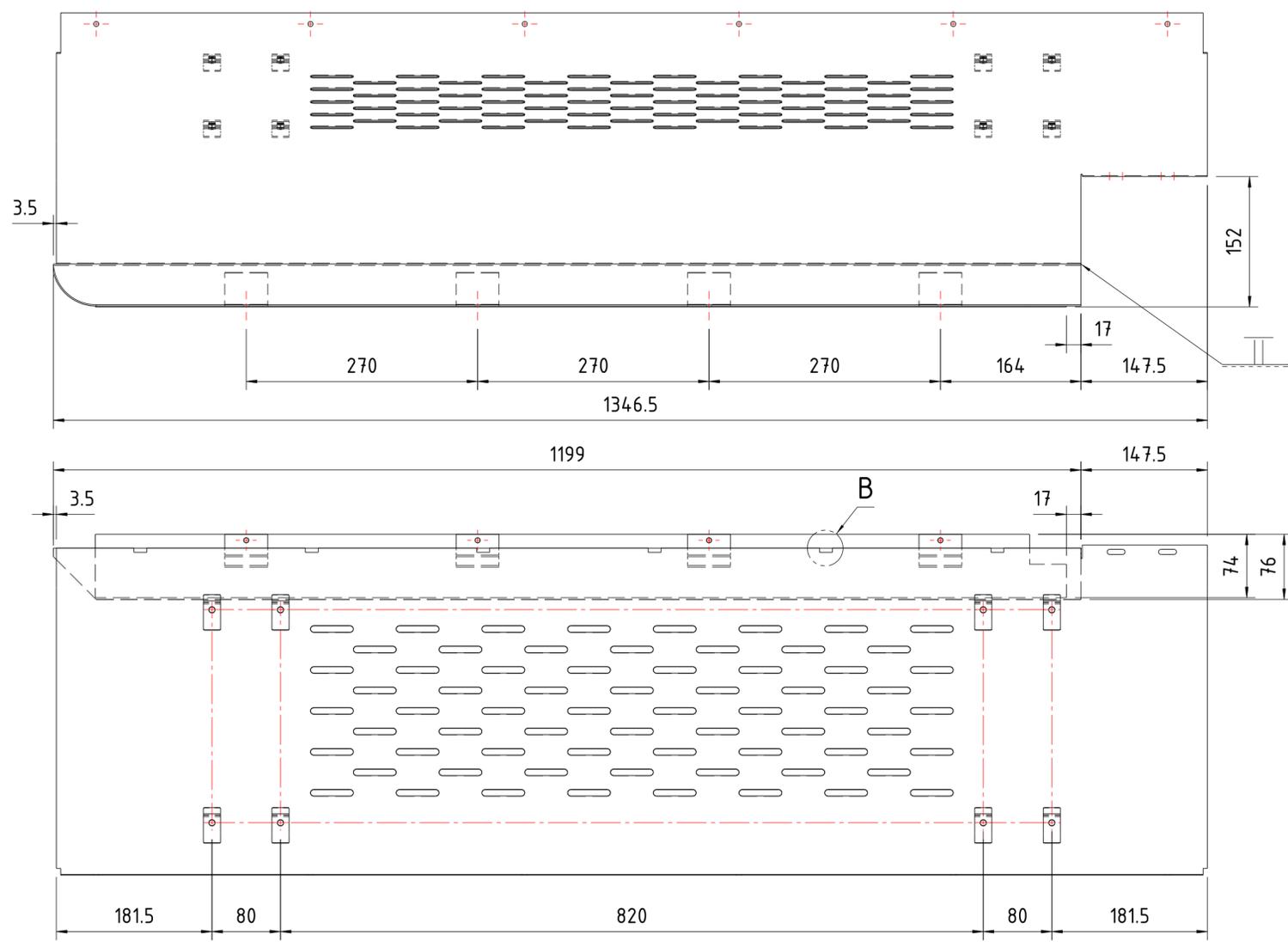
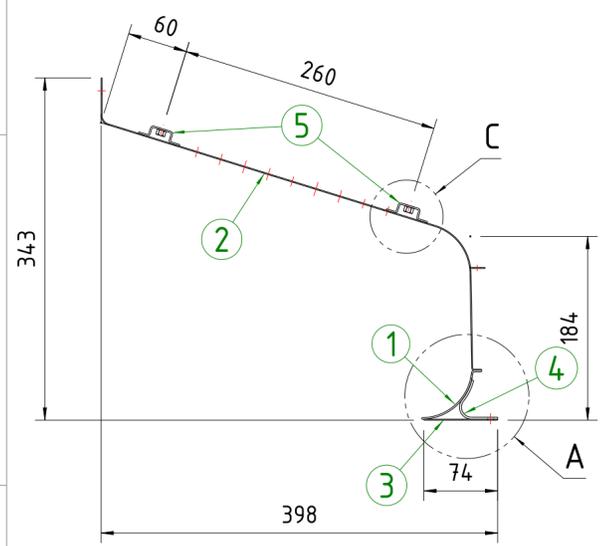
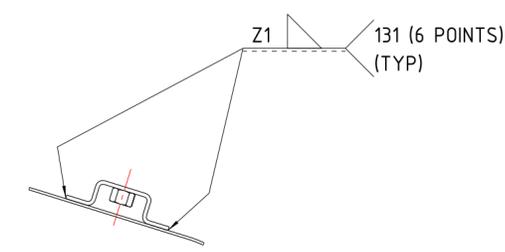


MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	TOLERANCE										RA
		0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	~		
		±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~		
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227												
UNSPECIFIED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

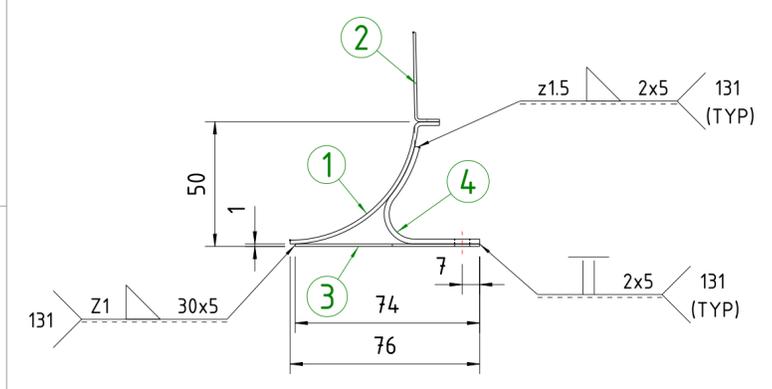


**DETAIL B**  
SCALE 2:1  
(TYP)



**DETAIL C**  
SCALE 1:2  
(TYP)

**UNCONTROLLED**



**DETAIL A**  
SCALE 1:2

PART NO	REMARK
525-23038-300	AS DRAWN
525-23038-301	OPPOSITE DRAWN

- NOTE:**
1. ALL DIMENSIONS ARE IN mm.
  2. WELDING SYMBOLS AS PER ISO 2553
  3. ALL WELD AREAS SHALL BE PICKLED AND PASSIVATED.
  4. REMOVE ALL SHARP EDGES AND BURRS.
  5. THE ASSEMBLY SHALL BE BEAD BLASTED FOR NON-DIRECTIONAL MATT FINISH. BEAD BLASTING IS BEML SCOPE.
  6. THE ASSEMBLY SHALL CONFORM TO DOC. No. GR/TD/4931 (TECHNICAL DELIVERY CONDITIONS).

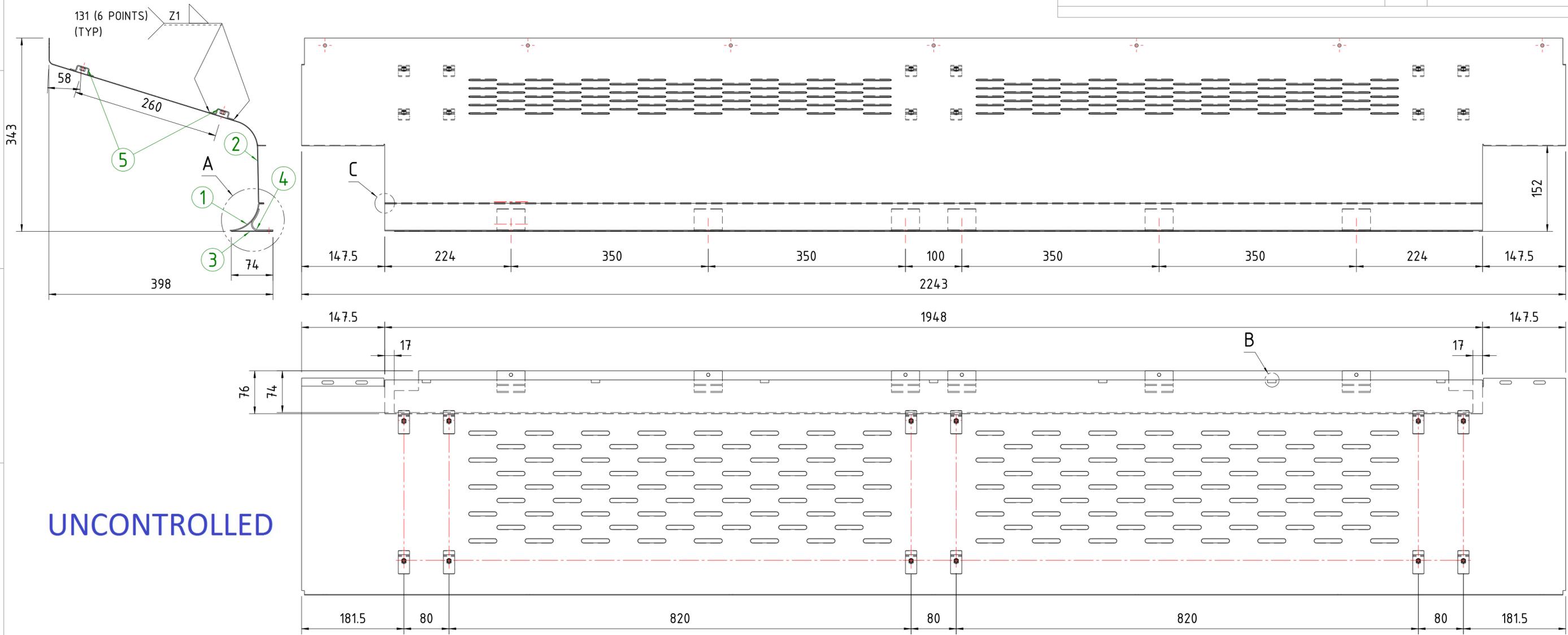
5	8	525-23048	BRACKET		
4	4	525-23107	STIFFENER		
3	1	525-23106	BASE		
2	1	525-23105	COVER		
1	1	525-23104	COVER		

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS	Wt. (Kg)
<b>MUMBAI METRO CARS L2&amp;L7</b>						
PRODUCT						
REF DRG -						
MATERIAL -						
HEAT TREAT. -						
SURFACE TREAT. -						
TITLE						
<b>LOWER COVER, THREE SEATER</b>						
APPD	K. Mohith		25/11/2019			
REVD	R. Deshpande		25/11/2019			
CHKD	R. Deshpande		25/11/2019			
DRWN	K. Mohith		25/11/2019			
SCALE	1:5			SHEET	1 of 1	Wt. 7.95 Kg
DRG No.						
<b>beml BEML LIMITED</b>				<b>525-23038</b>		
ALT				0		

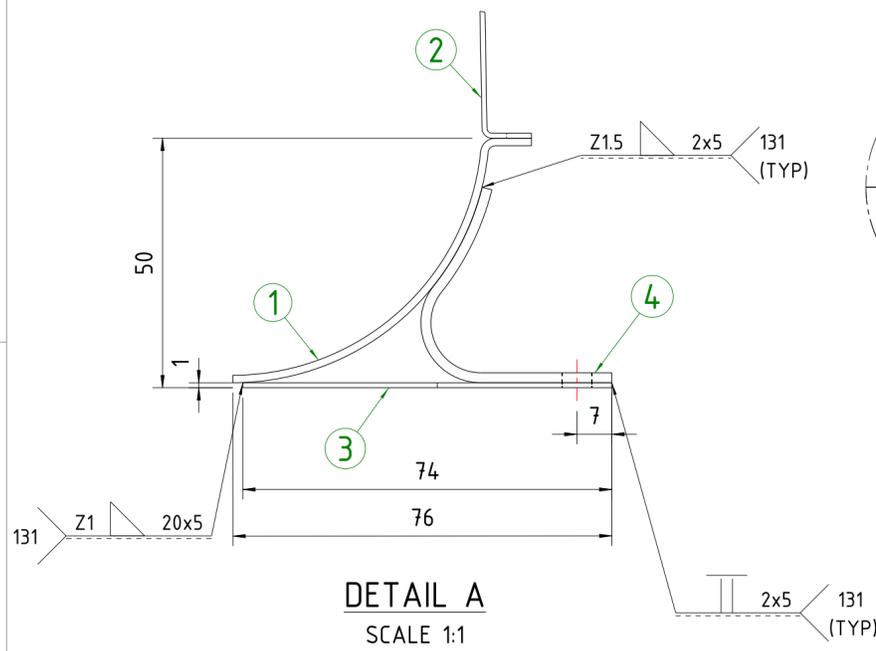
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GRADE No.	VALUE	SYMBOL
N1	0.025	
N2	0.05	
N3	0.1	
N4	0.2	
N5	0.4	
N6	0.8	
N7	1.6	
N8	3.2	
N9	6.3	
N10	12.5	
N11	25	
N12	50	

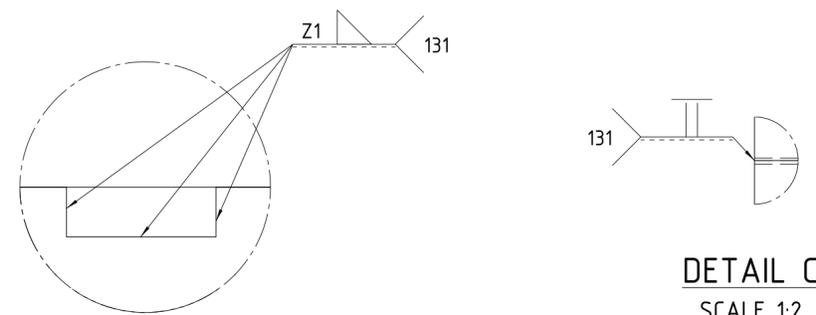
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	TOLERANCE									
		0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA	
		±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~	
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227											
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)											
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	



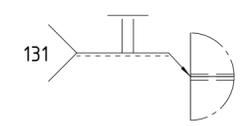
UNCONTROLLED



DETAIL A  
SCALE 1:1



DETAIL B  
SCALE 2:1 (TYP)



DETAIL C  
SCALE 1:2 (TYP)

- NOTE:
1. ALL DIMENSIONS ARE IN mm.
  2. WELDING SYMBOLS AS PER ISO 2553
  3. ALL WELD AREAS SHALL BE PICKLED AND PASSIVATED.
  4. REMOVE ALL SHARP EDGES AND BURRS.
  5. THE ASSEMBLY SHALL BE BEAD BLASTED FOR NON-DIRECTIONAL MATT FINISH. BEAD BLASTING IS BEML SCOPE.
  6. THE ASSEMBLY SHALL CONFORM TO DOC. No. GR/TD/4931 (TECHNICAL DELIVERY CONDITIONS).

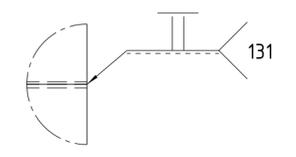
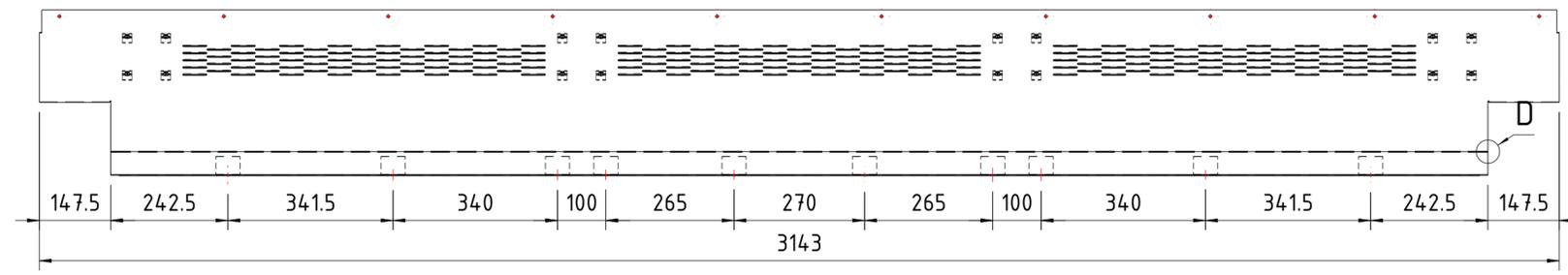
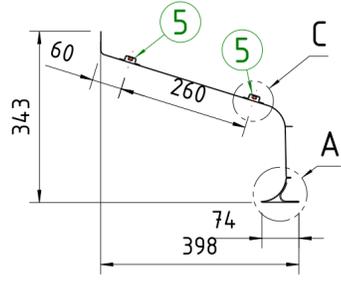
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS	Wt. (Kg)
5	12	525-23048	BRACKET			
4	6	525-23107	STIFFENER			
3	1	525-23111	BASE			
2	1	525-23110	COVER			
1	1	525-23109	COVER			

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS	Wt. (Kg)
MUMBAI METRO CARS L2& L7						
PRODUCT						
REF DRG -						
MATERIAL -						
HEAT TREAT. -						
SURFACE TREAT. -						
TITLE						
LOWER COVER, FIVE SEATER						
APPD	K. Mohith		25/11/2019			
REVD	R. Deshpande		25/11/2019			
CHKD	R. Deshpande		25/11/2019			
DRWN	K. Mohith		25/11/2019			
SCALE	1:5		SHEET		Wt.	
DRG No.	525-23040		1 of 1		13.14 Kg	
BEML LIMITED						
525-23040						
ALT 0						

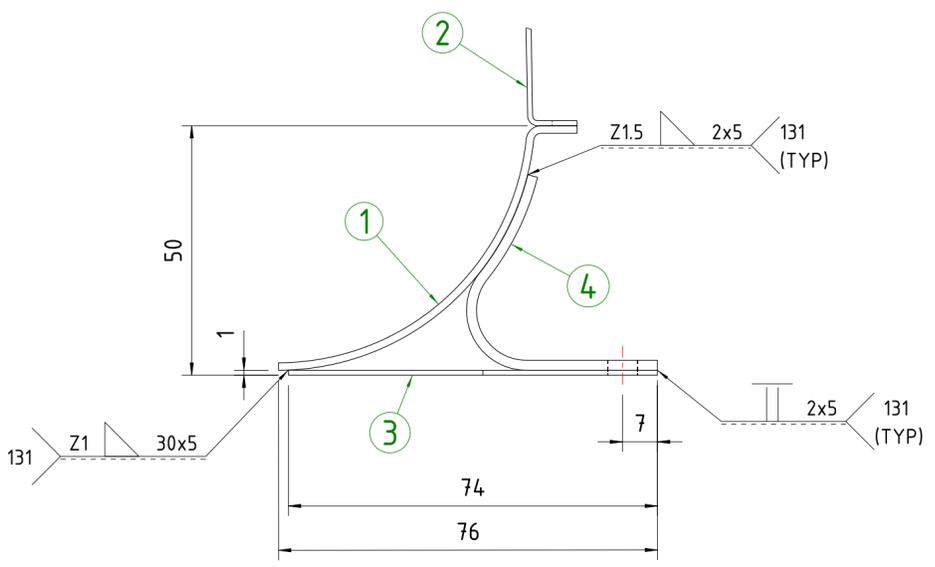
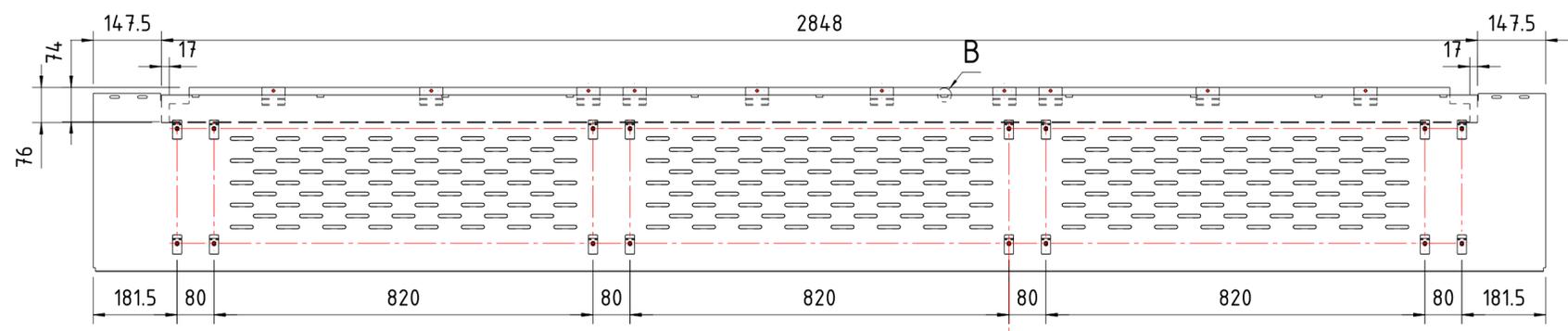
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GRADE No.	VALUE	SYMBOL
N1	0.025	
N2	0.05	
N3	0.1	
N4	0.2	
N5	0.4	
N6	0.8	
N7	1.6	
N8	3.2	
N9	6.3	
N10	12.5	
N11	25	
N12	50	

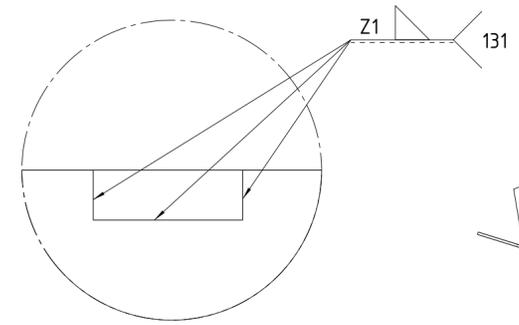
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
TOLERANCE		±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)										
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



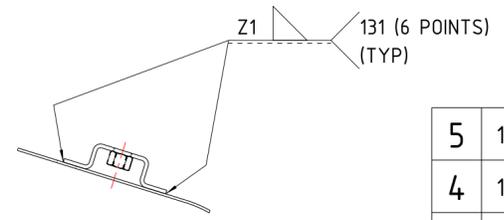
**DETAIL D**  
SCALE 1:2  
(TYP)



**DETAIL-A**  
SCALE 1:1



**DETAIL B**  
SCALE 2:1  
(TYP)



**DETAIL C**  
SCALE 1:2  
(TYP)

**UNCONTROLLED**

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS	Wt. (Kg)
5	16	525-23048	BRACKET			
4	10	525-23107	STIFFENER			
3	1	525-23114	BASE			
2	1	525-23113	COVER			
1	1	525-23112	COVER			

PRODUCT	MUMBAI METRO CARS L2 & L7		
REF DRG	-		
MATERIAL	-		
HEAT TREAT.	-		
SURFACE TREAT.	-		
TITLE	<b>LOWER COVER, SEVEN SEATER</b>		
SCALE	1:10		
DRG No.	525-23041		
DATE			
BY			
CHKD			
APPD			
ALT.No.			
ECN NO/CHANGES			

APPD	REVD	CHKD	DRWN	SCALE	SHEET	Wt.
				1:10	1 of 1	18.75 Kg

<b>beml</b> BEML LIMITED		<b>525-23041</b>	ALT
			0

- NOTE:**
- ALL DIMENSIONS ARE IN mm.
  - WELDING SYMBOLS AS PER ISO 2553
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  - REMOVE ALL SHARP EDGES AND BURRS.
  - THE ASSEMBLY SHALL BE BEAD BLASTED FOR NON-DIRECTIONAL MATT FINISH. BEAD BLASTING IS BEML SCOPE.
  - THE ASSEMBLY SHALL CONFORM TO DOC. No. GR/TD/4931 (TECHNICAL DELIVERY CONDITIONS).

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N5	0.4	
N6	0.8	
N7	1.6	
N8	3.2	
N9	6.3	
N10	12.5	
N11	25	
N12	50	

