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SURFACE ROUGHNESS	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	~

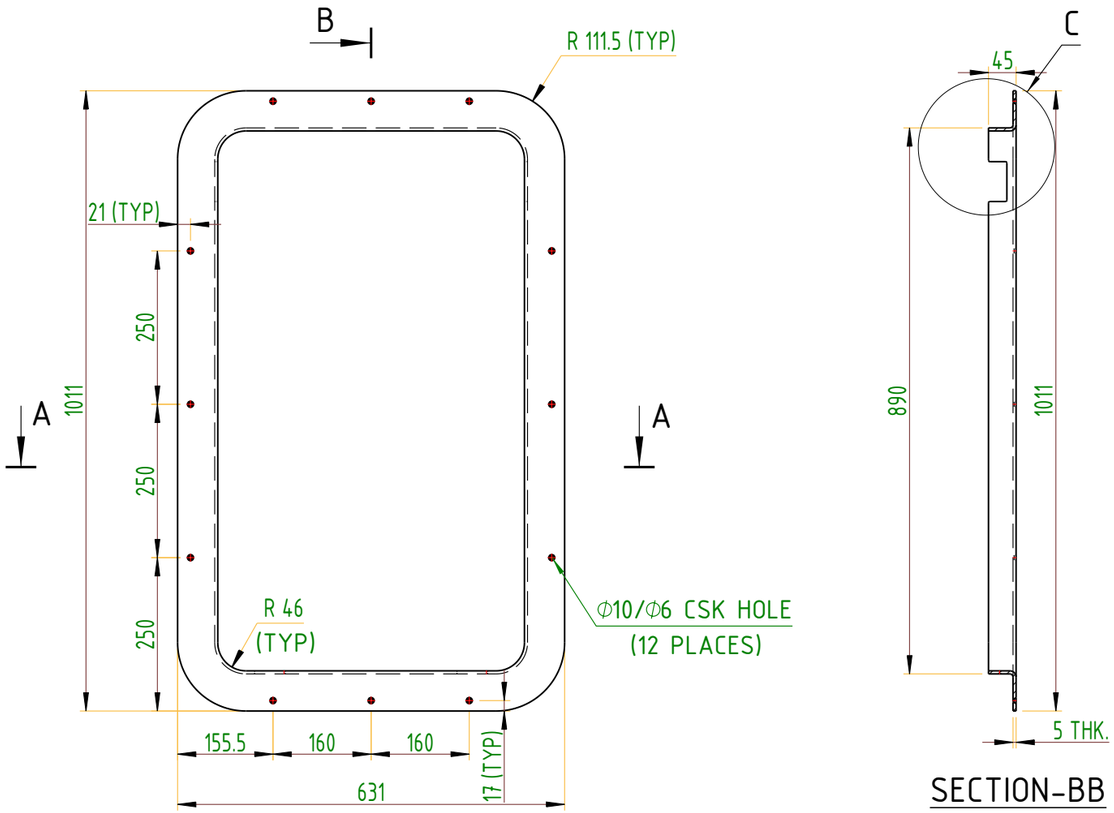
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227

UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM) | QUALITY OF WELD JOINTS REF, RD 230 MEDIUM

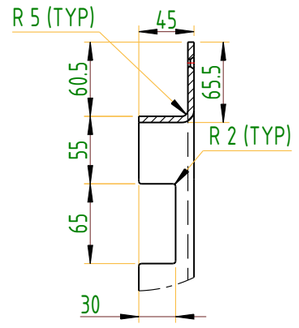
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.

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

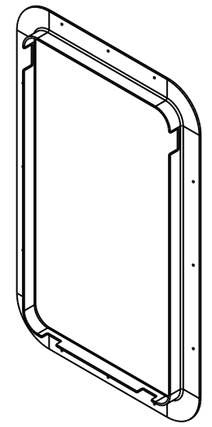
STATUS: PROTO



SECTION-BB

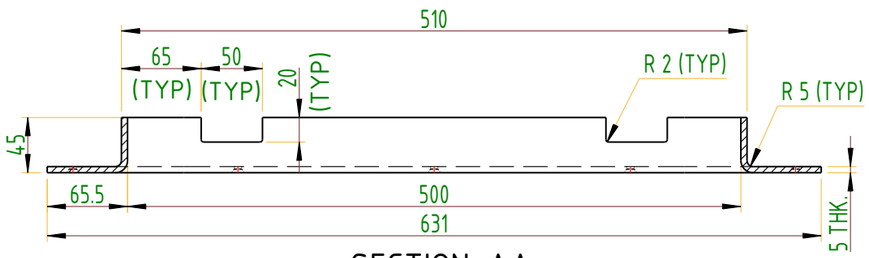


DETAIL-C
(1:5)



ISOMETRIC VIEW

UN CONTROLLED



SECTION-AA
(1:5)

NOTE:-

1. FRP COMPONENTS OF 5mm THICKNESS SHALL BE FURNISHED WITH SOLID SURFACE OF 0.6 TO 0.8 mm THICKNESS ON TOP, 300 GSM (IS: 11551:96) CSM ON THE TOP AND BOTTOM LAYERS & 600 GSM ROVING MAT(IS:11320:97) IN BETWEEN.
2. UNSATURATED POLYSTER RESIN SHALL BE APPLIED WITH FIRE RETARDANT ADDITIVES AS PER IS:6746:94.
3. FRP COMPONENTS SHALL BE PAINTED, COLOUR SHADE RAL-7001 SILVER GREY.

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S / MATERIAL	Wt. (Kg)
1	1		WINDOW FRP INNER FRAME	1011x631x5THK.		

ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD

PRODUCT	8W CMV(SG) WITH LIFTING PLATFORM & CRANE - DMRC
REF DRG	-
MATERIAL	NA
HEAT TREAT.	-
SURFACE TREAT.	-
TITLE	WINDOW FRP INNER FRAME

APPD	MS	07/07/2020
REVD	SHK	06/07/2020
CHKD	SHK	04/07/2020
DRWN	MDA	03/07/2020

SCALE	SHEET	Wt.
1:10	1 OF 1	0kg

BEML LIMITED
NEW FRONTIERS. NEW DREAMS

DRG No. 94613105 ALT 0

A3