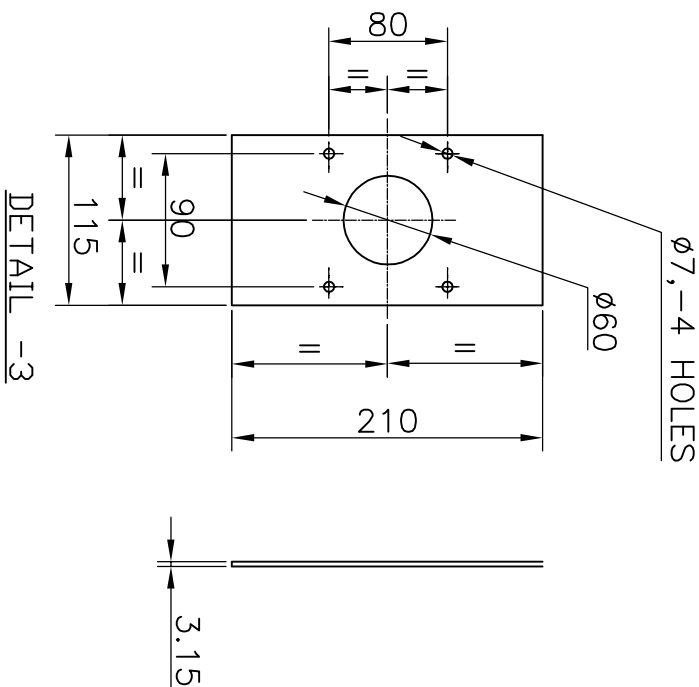
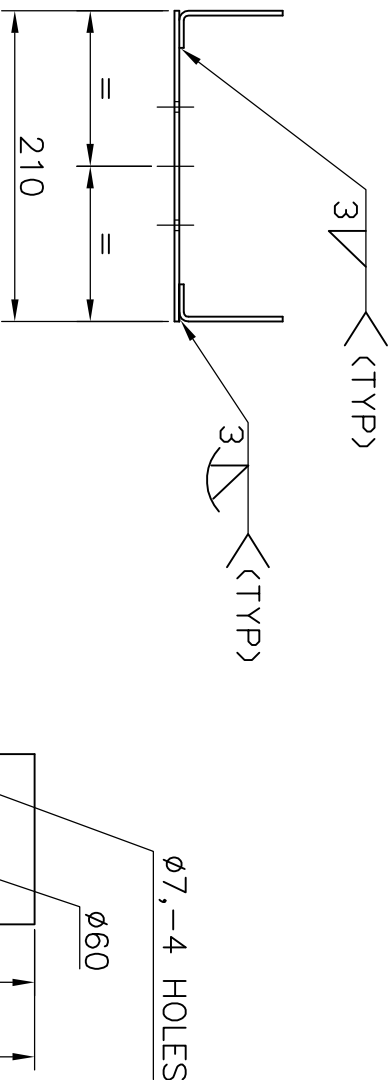
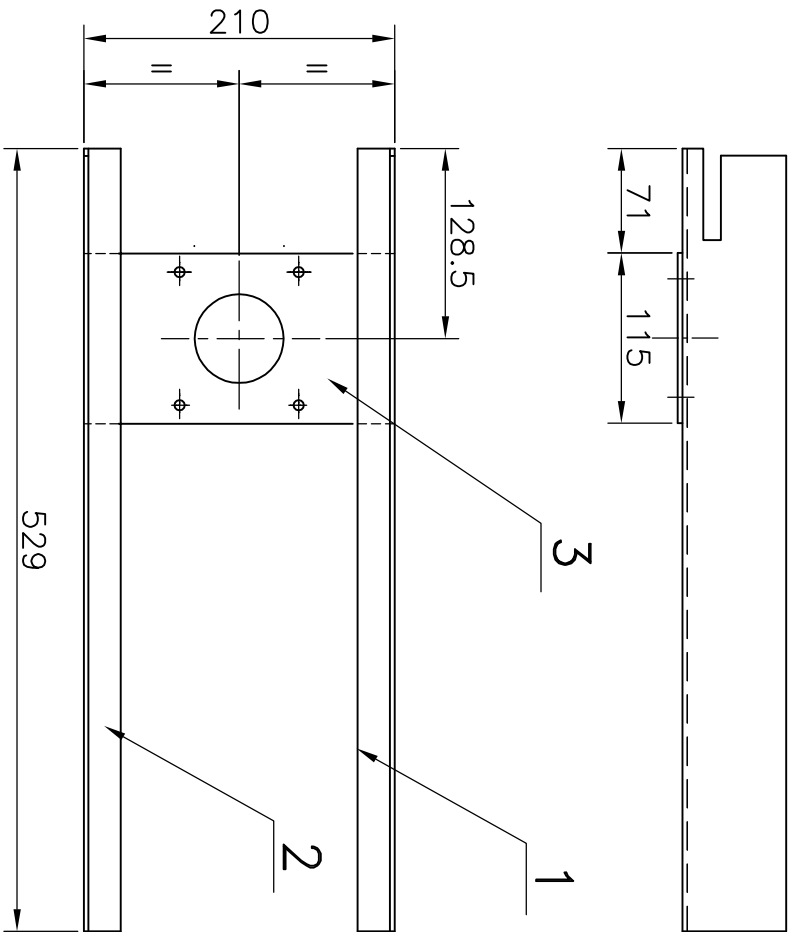












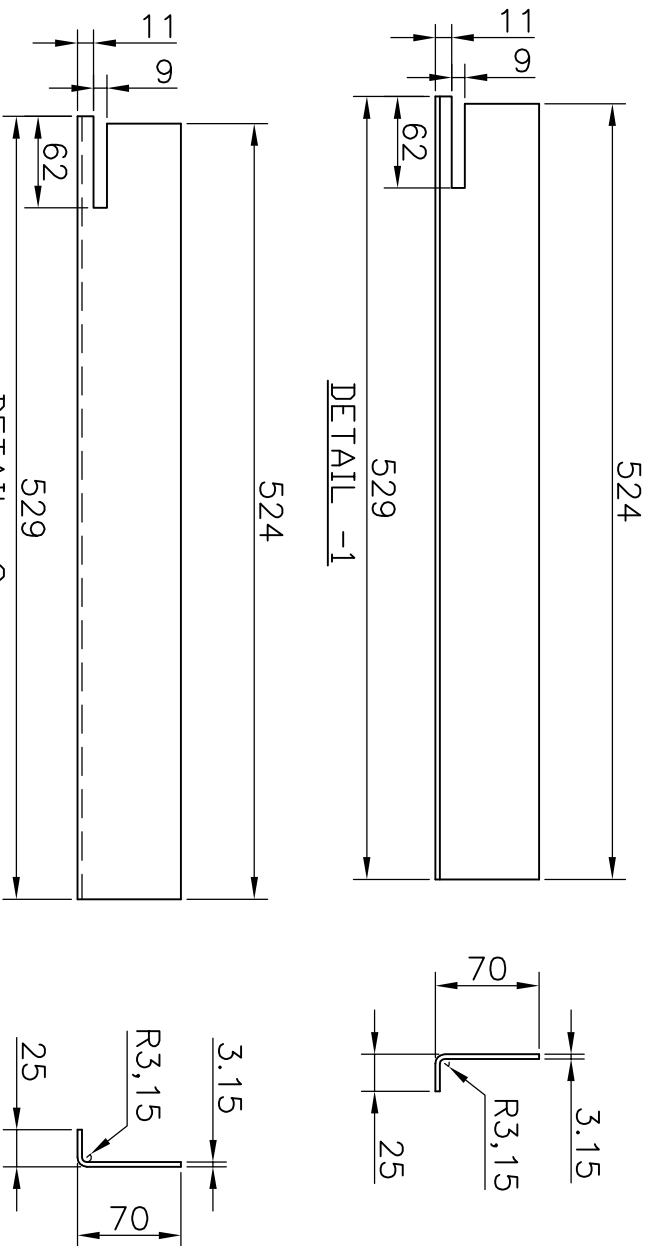


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MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER 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:			

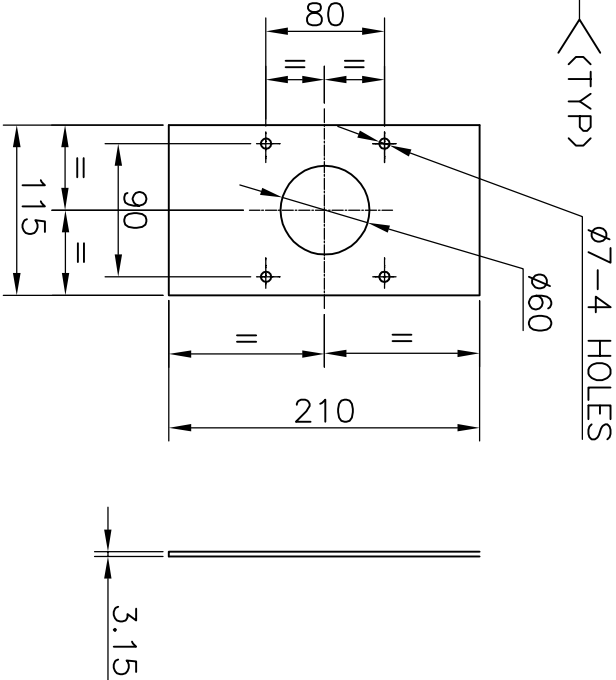
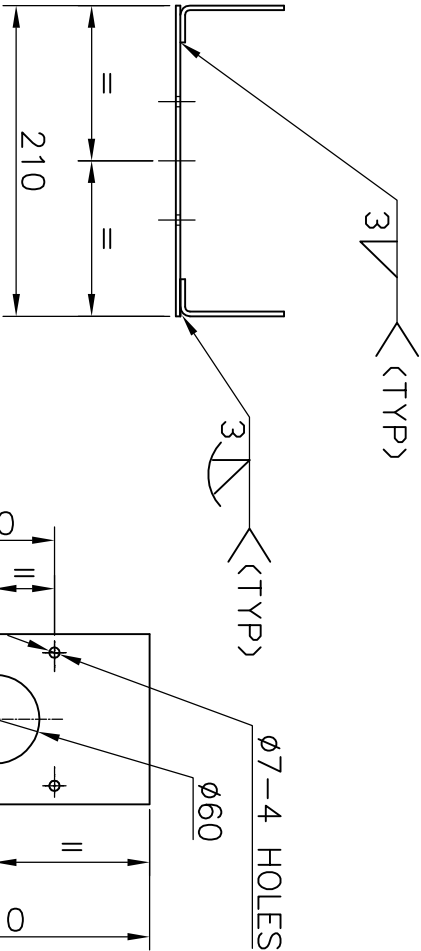
SURFACE ROUGHNESS	GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
	VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025
	SYMBOL												








3	1	R101593025	PLATE	210x115x3.15t	IRSM41-97 Gr.1	
2	1	R101593025	ANGLE RH	529x90x3.15t	IRSM41-97 Gr.1	
1	1	R101593025	ANGLE LH	529x90x3.15t	IRSM41-97 Gr.1	
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS Wt. (kg)	
					MATERIAL	

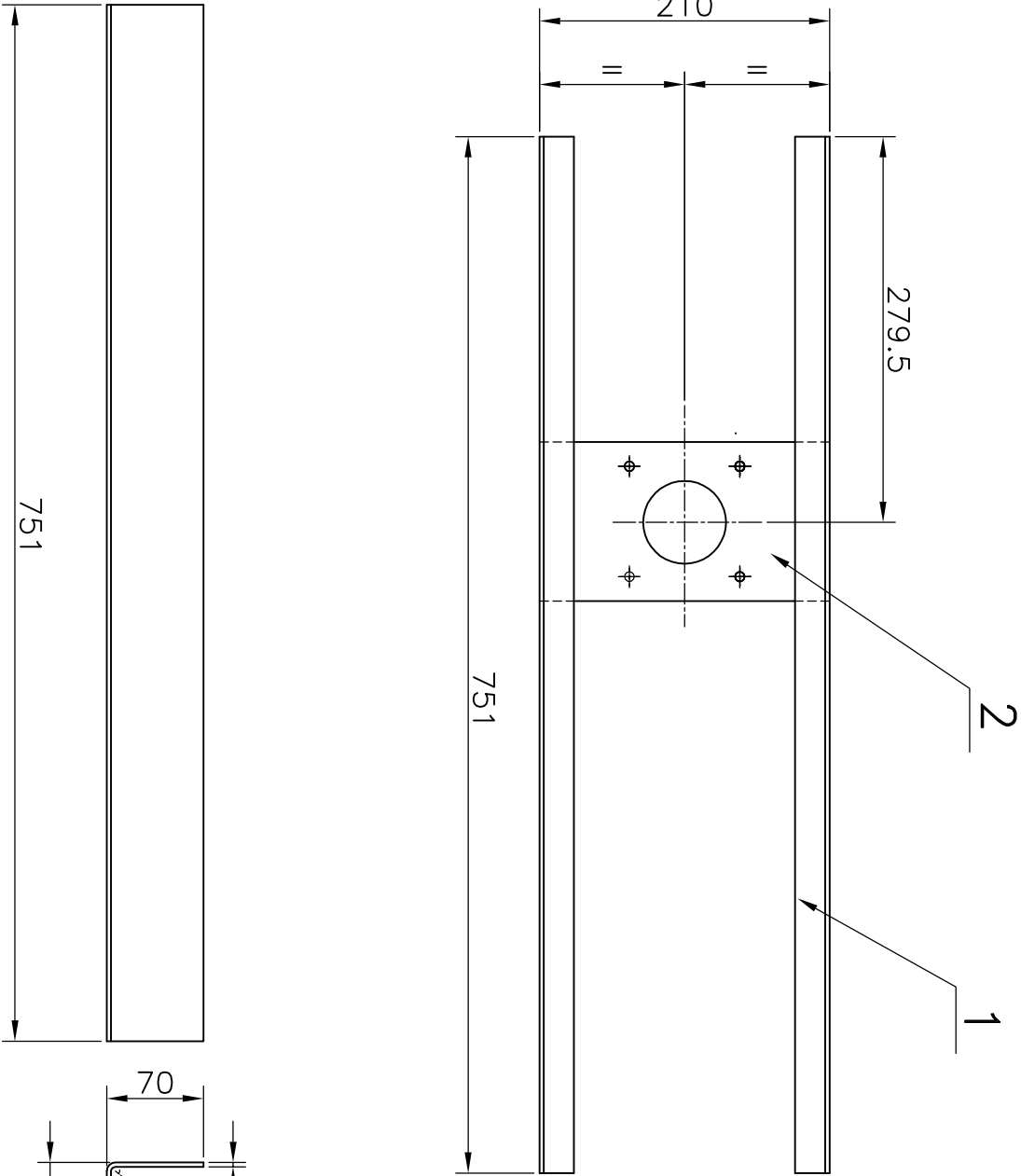
△		PRODUCT		MEMU - 3 PHASE (IR)	
△		REF. DRG			
△		MATERIAL			
△		HEAT TREAT.			
△		SURFACE TREAT.			
△		TITLE			
△		APPD		VS LAKSHMI	
△		REV D		S. JAYARAM	
△		CHKD		SANTA KUMARI	
△		DRWN		Jagadisha M	
△		SCALE		SHEET	
△		1:5		OF	
△		AL T NO.		AL T	
△		ECN NO/CHANGES			
△		DATE			
△		BY			
△		CHKD			
△		APPD			

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.							QUALITY OF WELD JOINTS REF. RD 230 MEDIUM			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96							STATUS:			



DETAIL -2

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

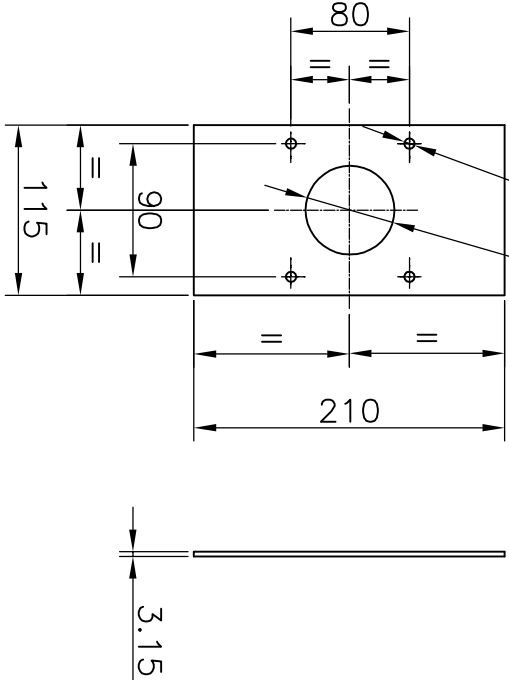
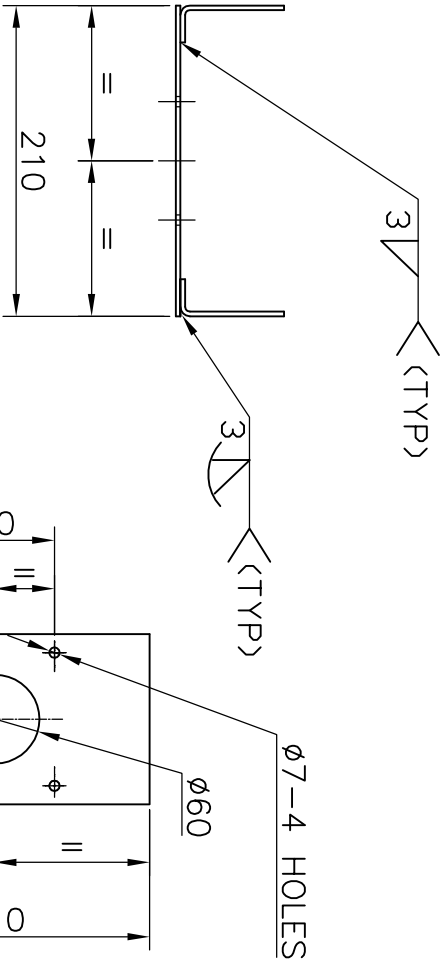


2	1	R101593025	PLATE	210x115x3.15t	IRSM41-97
1	2	R101593025	ANGLE	751x90x3.15t	IRSM41-97
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	MATERIAL
			PRODUCT	MEMU - 3 PHASE (IR)	
			REF DRG		
			MATERIAL		
			HEAT TREAT.	APPD	VS LAKSHMI
			SURFACE TREAT.	REVD	S. JAYARAM
			TITLE	CHKD	SANTA KUMARI
			BRACKET		
			SCALE	DRWN	Jagadisha M
			1:5	SHEET	23:19
			OF	WT.(kg)	-
			DRG No.	ALT	A3



849-56134

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.								QUALITY OF WELD JOINTS REF. RD 230 MEDIUM			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96								STATUS:			

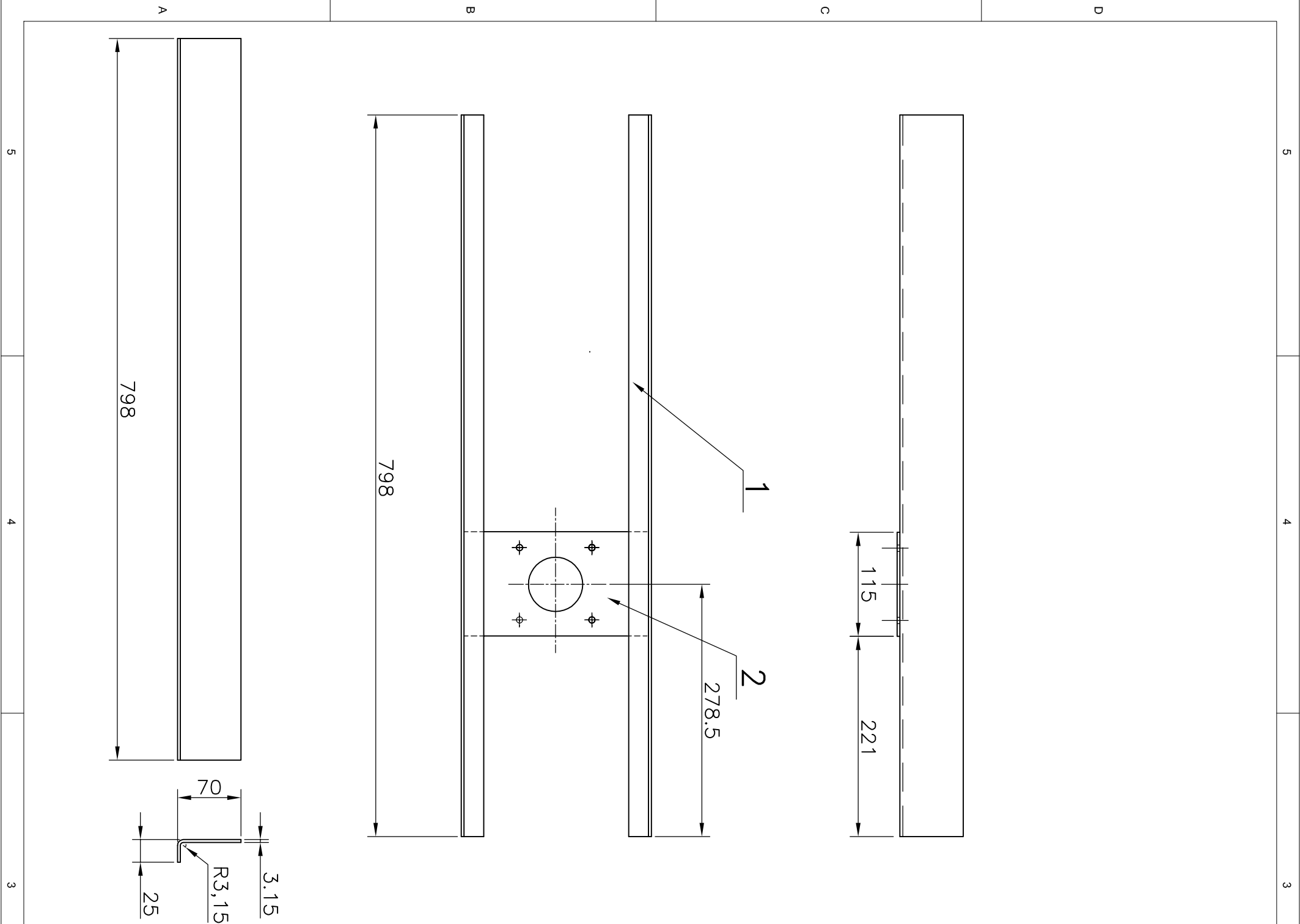


DETAIL -2

SURFACE ROUGHNESS	GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1	COPY RIGHT & CONFIDENTIAL THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF BEML & CONTAINS CONFIDENTIAL INFORMATION. THIS DOCUMENT OR ITS CONTENTS SHALL NOT BE USED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, WITHOUT PRIOR WRITTEN PERMISSION OF BEML. THIS DOCUMENT & ALL ITS COPIES SHALL BE RETURNED TO BEML ON DEMAND DRAWING RELEASED FROM PLM, PHYSICAL SIGNATURE NOT REQUIRED
	VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025	
	SYMBOL													

5	4	3	2	1
2		1	2	1
R101593025		PLATE	210x115x3.15t	IRSM41-97
R101593025		ANGLE	798x90x3.15t	IRSM41-97
PART / STOCK No.		DESCRIPTION	SIZE	COMPANY STD./I/S
QTY		PRODUCT		Wt. (kg)
REF DRG		MEMU - 3 PHASE (IR)		
MATERIAL				
HEAT TREAT.		APPD	VS LAKSHMI	27.3.19
SURFACE TREAT.		REVD	S. JAYARAM	26.3.19
TITLE		CHKD	SANTA KUMARI	26.3.19
BRACKET		DRWN	Jagadisha M	23.3.19
SCALE		1:5		Wt.(kg)
DRG No.		849-56133		-
BEML LIMITED				ALT
ALT NO.				A3
ECN NO/CHANGES				
DATE				
BY				
CHKD				
APPD				

SURFACE ROUGHNESS	GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1	COPY RIGHT & CONFIDENTIAL THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF BEML & CONTAINS CONFIDENTIAL INFORMATION. THIS DOCUMENT OR ITS CONTENTS SHALL NOT BE USED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, WITHOUT PRIOR WRITTEN PERMISSION OF BEML. THIS DOCUMENT & ALL ITS COPIES SHALL BE RETURNED TO BEML ON DEMAND DRAWING RELEASED FROM PLM, PHYSICAL SIGNATURE NOT REQUIRED
	VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025	
	SYMBOL													



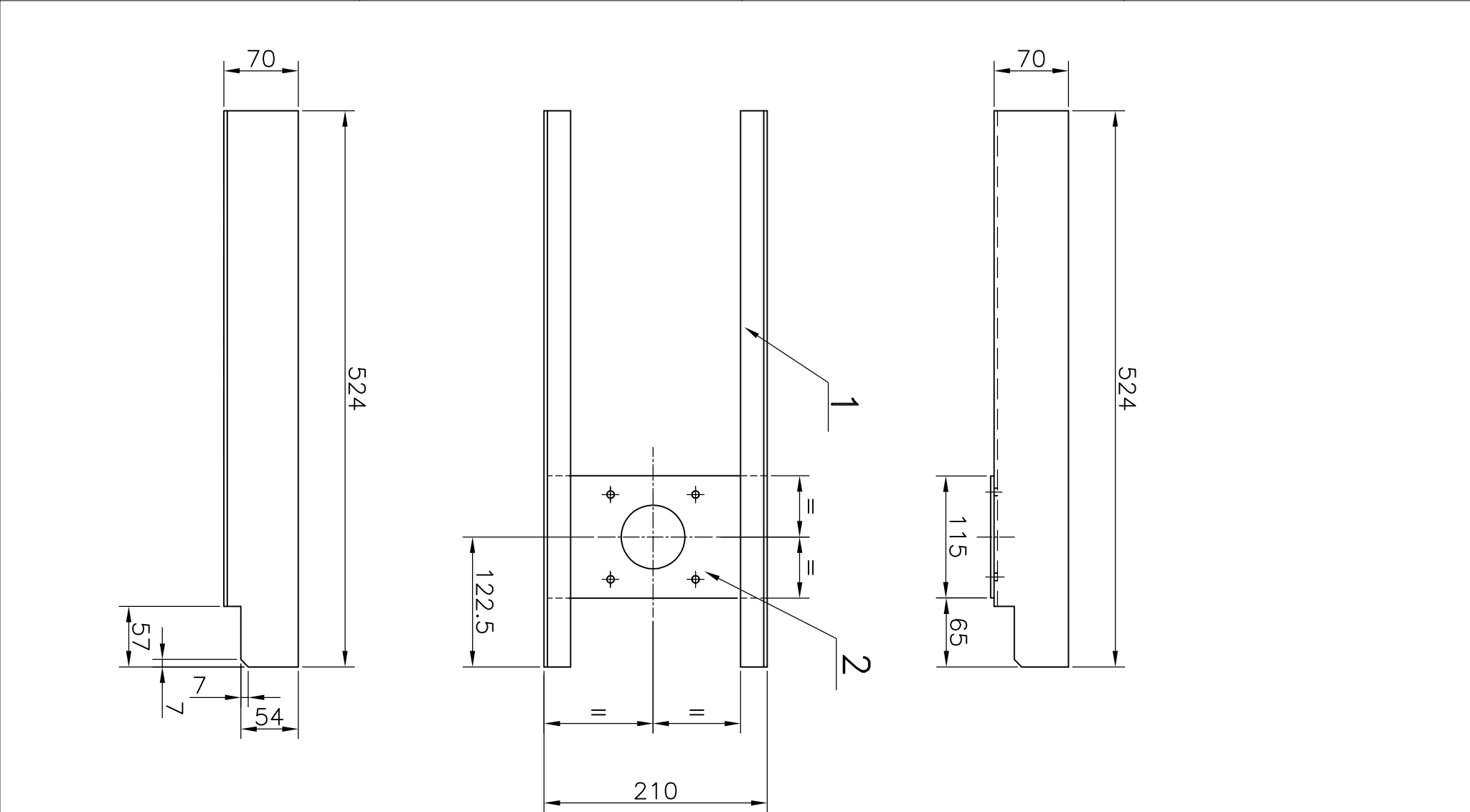
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
TOLERANCE			±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227											
UNSPECIFIED TOLERANCE FOR 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:	
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96											

2	1	R101593025	PLATE	210x115x3.15t	IRSM41-97
1	2	R101593025	ANGLE	798x90x3.15t	IRSM41-97
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	MATERIAL
			PRODUCT	MEMU - 3 PHASE (IR)	
			REF DRG		
			MATERIAL		
			HEAT TREAT.	APPD	VS LAKSHMI
			SURFACE TREAT.	REVD	S. JAYARAM
			TITLE	CHKD	SANTA KUMARI
			BRACKET		
			DRWN	Jagadisha M	23.3.19
			SCALE	1:5	Wt.(kg)
			ALT.No.	ECN NO/CHANGES	DRG No.
			DATE	BY	849-56132
			CHKD	APPD	ALT
			BEML LIMITED		
			849-56132		

3 ∠ (TYP)		3 ∠ (TYP)		ø7,4 HOLES		ø60		210		90		115		3.15	
=		=													
210															

DETAIL -2	
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SURFACE ROUGHNESS	GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1										
	VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025										
	SYMBOL																						



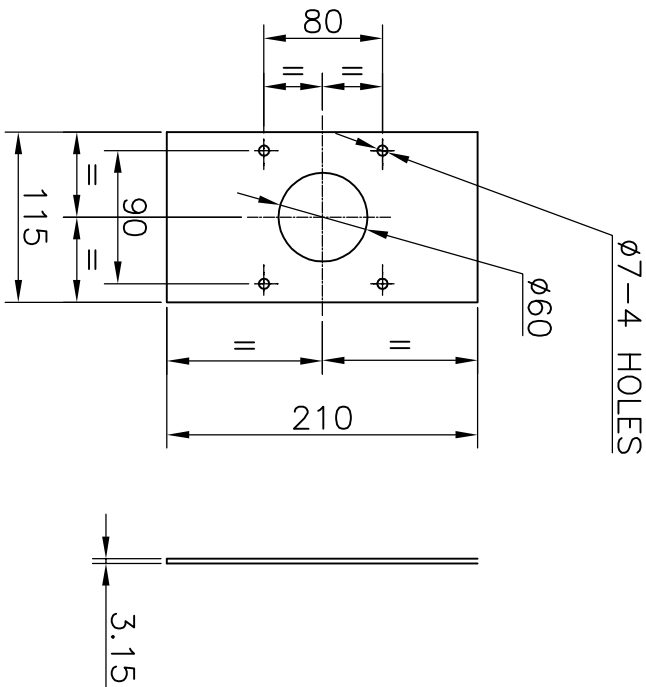
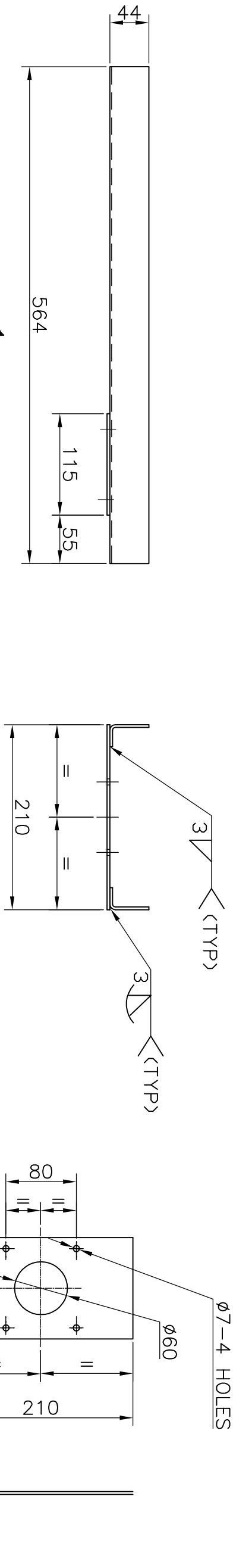
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
TOLERANCE			±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227											
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 202 (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:											

2	1	R101593025	PLATE	210x115x3.15t	IRSM41-97 Gr.I			
1	2	R101593025	ANGLE	524x90x3.15t	IRSM41-97 Gr.I			
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I/S MATERIAL	Wt. (Kg)		
							PRODUCT	MEMU - 3 PHASE (IR)
							REF DRG	
							MATERIAL	
							HEAT TREAT. SURFACE TREAT. TITLE	
					APPD	VS LAKSHMI	27.3.19	
					REVD	S. JAYARAM	26.3.19	
					CHKD	SANTA KUMARI	26.3.19	
			BRACKET	DRWN	Jagadisha M	23.3.19		
				SCALE		SHEET	Wt.(kg)	
				1:5		OF	-	
				BEM L LIMITED		ALT		
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD			
						849-56131		








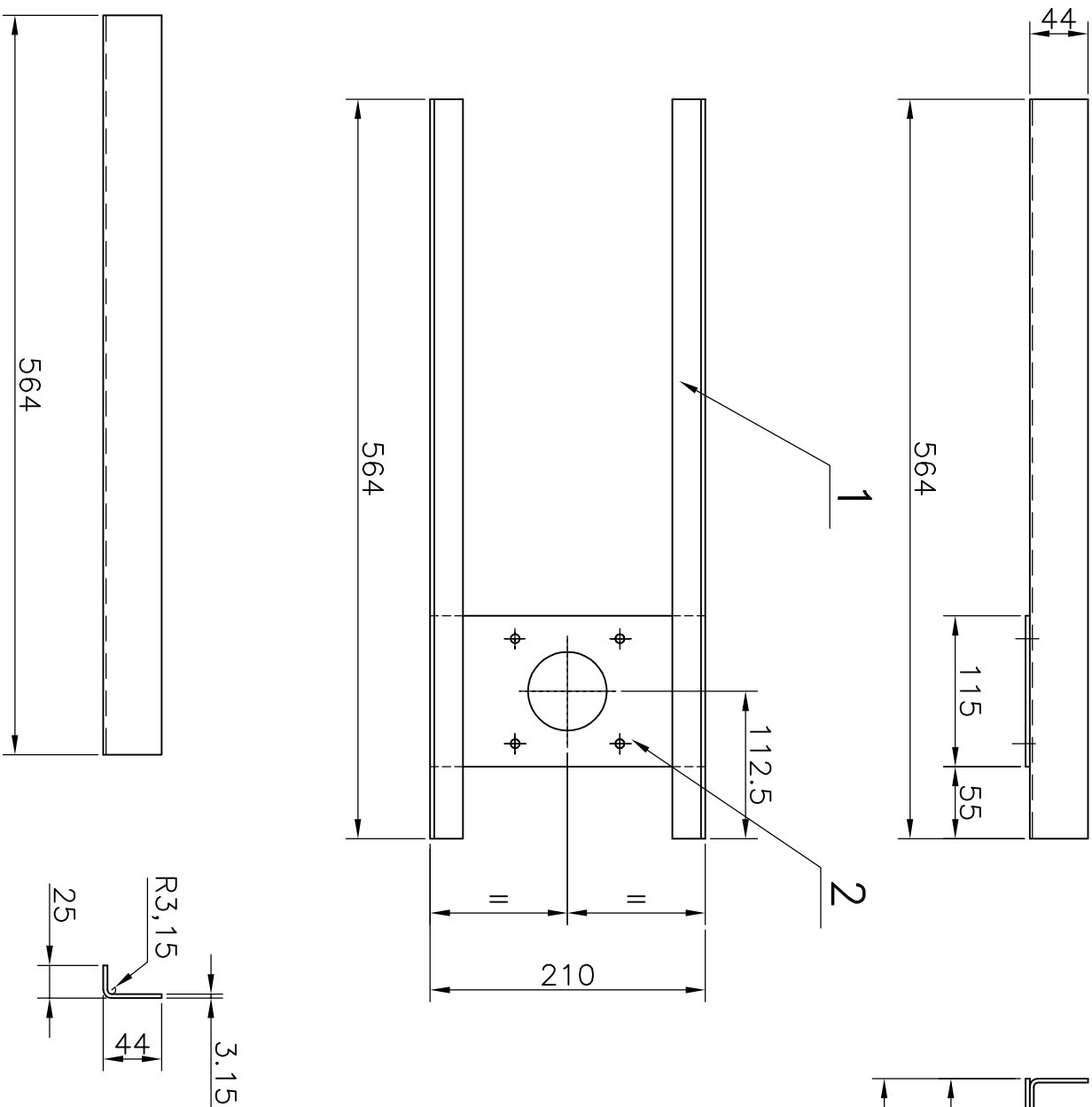
849-56131




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:			



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



2	1	R101593025	PLATE	210x115x3.15t	IRSM41-97 Gr.1					
1	2	R101593025	ANGLE	564x64x3.15t	IRSM41-97 Gr.1					
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS MATERIAL					
▽					MEMU - 3 PHASE (IR)					
						PRODUCT				
						REF DRG				
						MATERIAL				
						HEAT TREAT. SURFACE TREAT.				
▽				APPD	VS LAKSHMI	273.19				
▽				REVD	S. JAYARAM	263.19				
▽				CHKD	SANTA KUMARI	263.19				
▽				DRWN	Jagadisha M	233.19				
▽				SCALE		SHEET	Wt.(Kg)			
				1:5		OF	-			
▽				DRG No.			ALT			
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	 NEW PRINTED NEW DESIGN		BEML LIMITED	849-56136	