

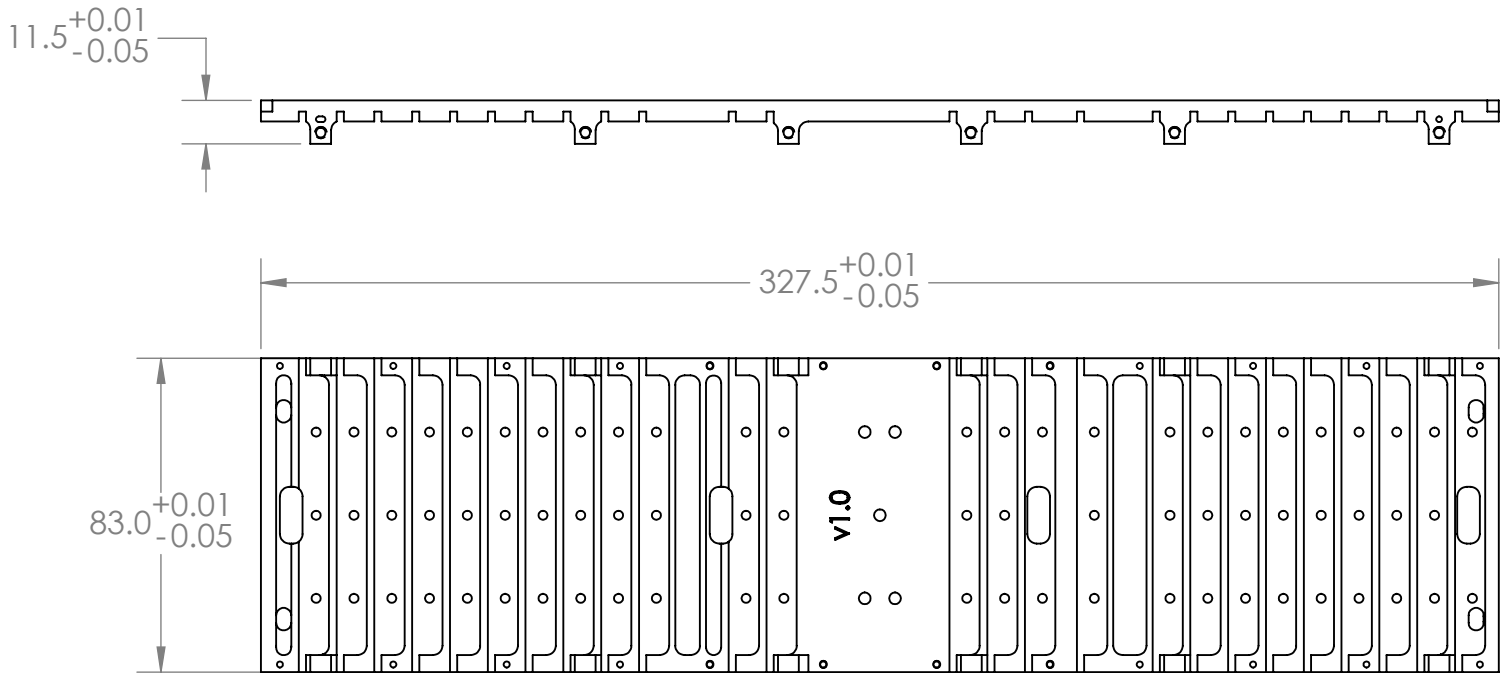
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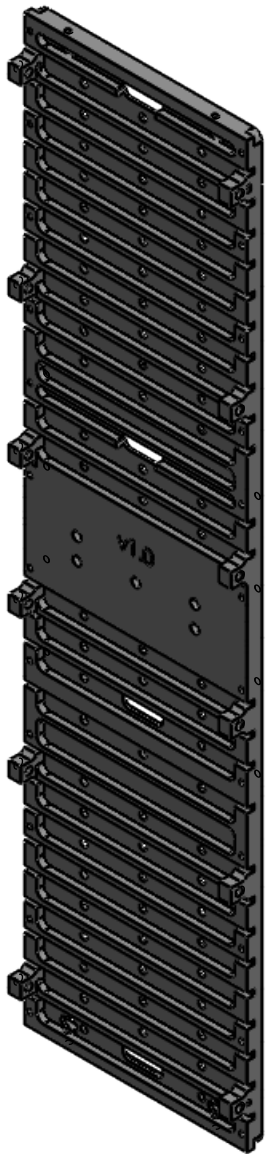
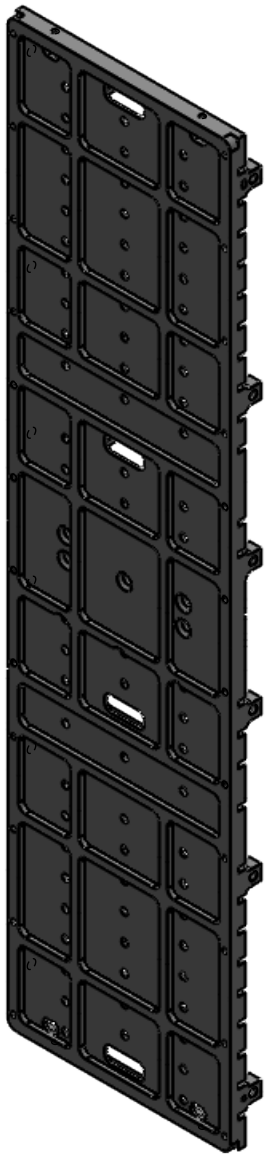
2



1

- GENERAL NOTES UNLESS OTHERWISE NOTED:
- 1. REFERENCE 3UFRAME.SLDPRT FOR MODEL BASE DEF
 - 2. BREAK ALL EDGES
 - 3. MATERIAL: ALUMINUM 6061-T6
 - 4. ANODIZATION: TYPE II, BLACK
 - 5. TOLERANCE UNDIMENSIONED RADII TO ± 0.5
 - 6. OVERALL PROFILE TOLERANCE ⌒ 0.1 A B C TO A
MINIMUM GRID OF 5MM UNLESS OTHERWISE SPECIFIED
 - 7. INTERNAL CORNERS RADIUS IS 0.2MM MAXIMUM
 - 8. ENGRAVE ALL TEXT WITH 90 DEG V BIT WITH DEPTH OF 0.2MM BEFORE ANODIZATION



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	DRAWN BY
	A	INITIAL COMMIT	7/07/2021	MARVIN LIN
	B	REVISED FOR CLARITY AND TO MEET ASME Y14.5	7/27/2021	MARVIN LIN
	C	FURTHER CLARITY REVISIONS	8/15/2021	MARVIN LIN
	D	ADDED ANODIZATION NOTES	9/18/2021	MARVIN LIN
	E	FIXED DRAWING ERRORS	9/26/2021	MARVIN LIN



MATERIAL (SEE NOTES)	UNLESS OTHERWISE SPECIFIED		DRAWN BY	MARVIN LIN	9/26/2021			
	<u>DECIMAL</u>	<u>ANGULAR</u>	CHECKED		9/26/2021			
	.X ± 0.1	.X ± 0.1	ENG APPR.					
	.XX ± 0.01	.XX ± 0.01	MFG APPR.					
FINISH (SEE NOTES)	SURFACE ROUGHNESS: INTERPRET PER ASME Y14.5-2009		Y 3U Frame			DWG. NO. 3U_Y		
WEIGHT (REF)	DO NOT SCALE DRAWING			UNITS MM	REVISION E	FORMAT B	SCALE 1:2	PAGE 1/5

3

2

1

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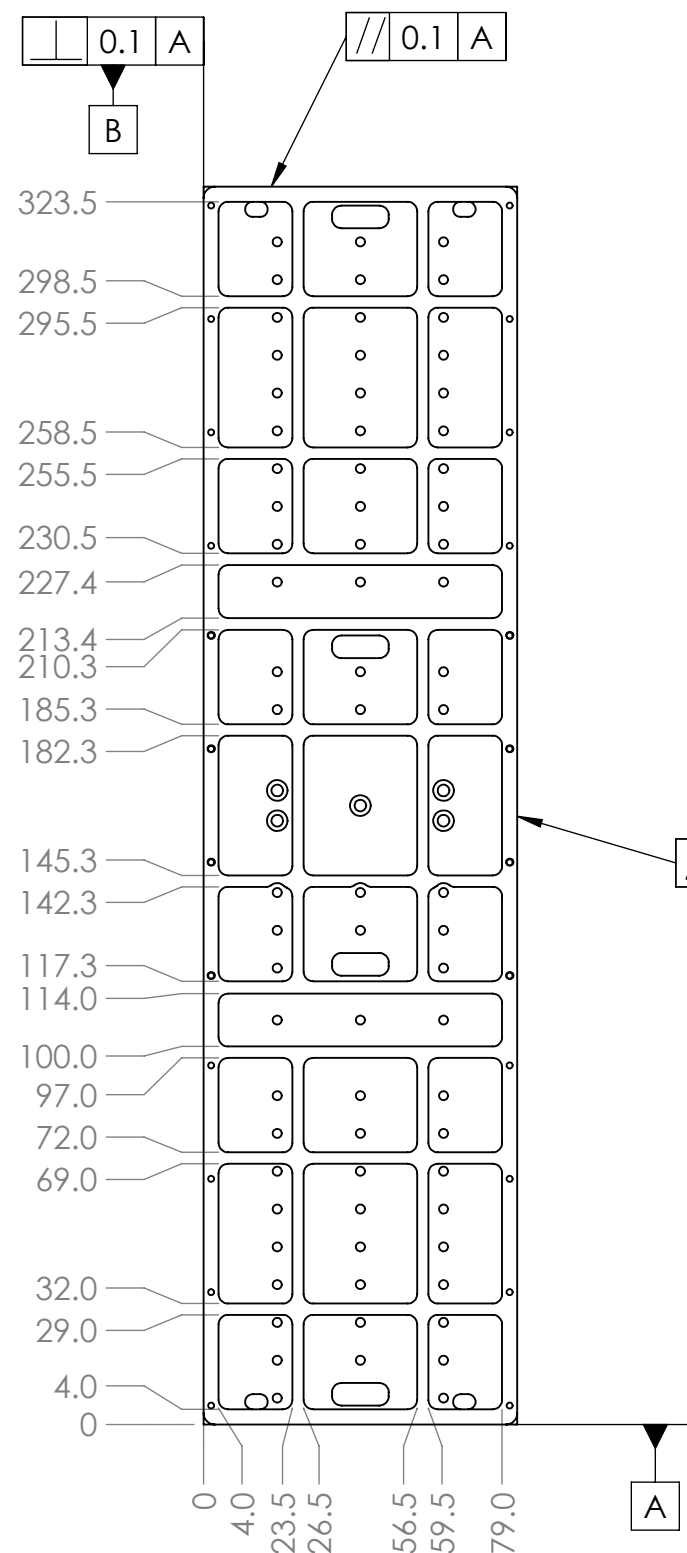
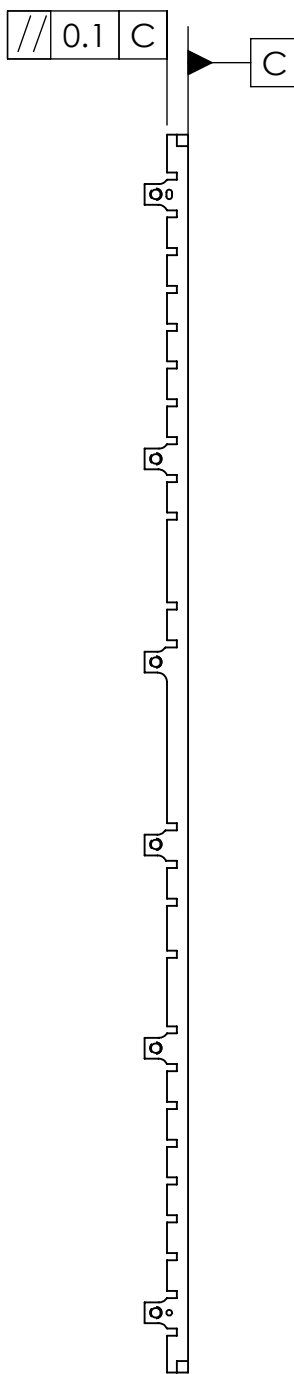
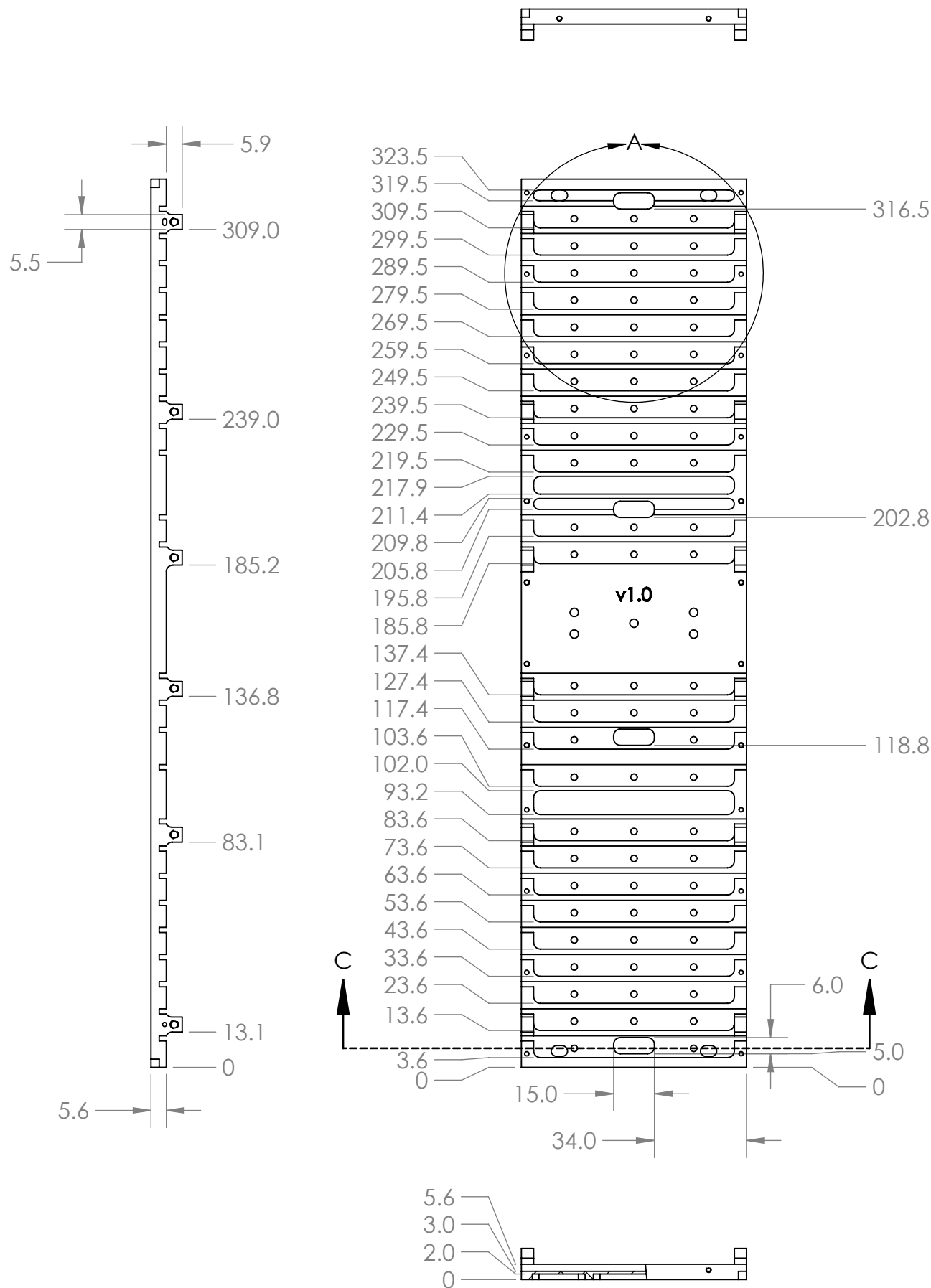
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B

A

B

A



MATERIAL (SEE NOTES)	UNLESS OTHERWISE SPECIFIED		DRAWN BY	MARVIN LIN	9/26/2021	
	DECIMAL		CHECKED		9/26/2021	
	ANGULAR		ENG APPR.			
			MFG APPR.			
FINISH (SEE NOTES)	SURFACE ROUGHNESS: INTERPRET PER ASME Y14.5-2009					DWG. NO. 3U_Y
WEIGHT (REF)	DO NOT SCALE DRAWING					UNITS MM
			REVISION	E	FORMAT	B
			SCALE	1:2	PAGE	2/5

3

2

1

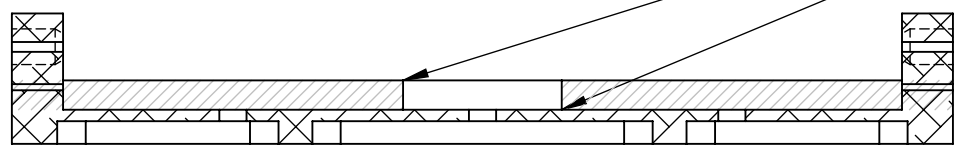
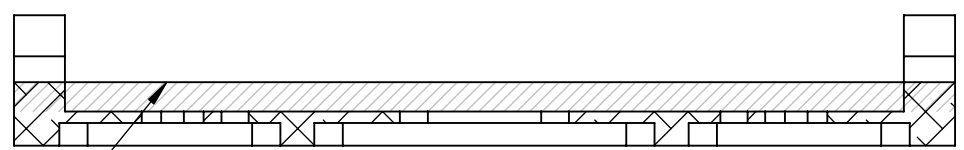
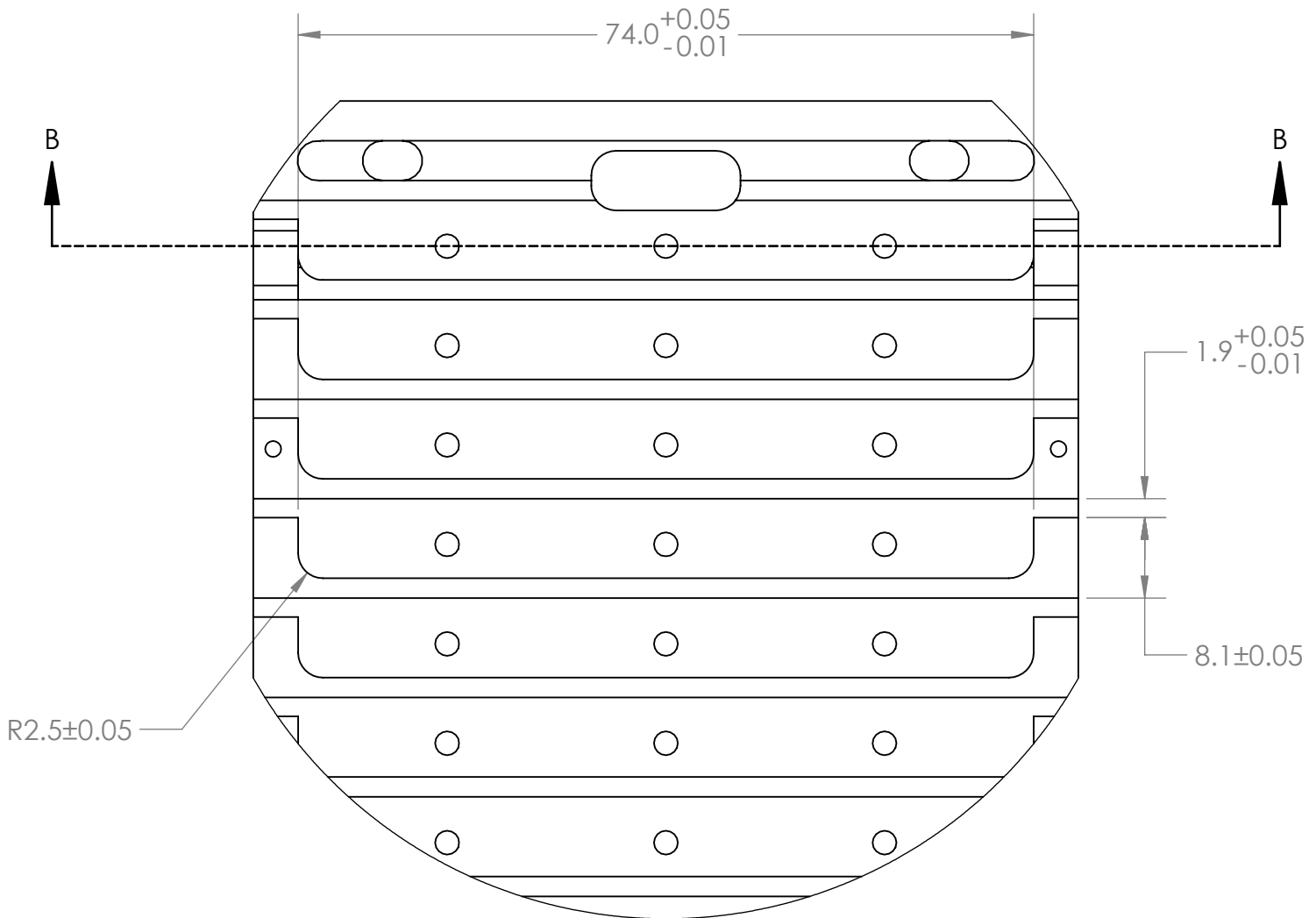
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B

B


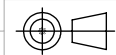
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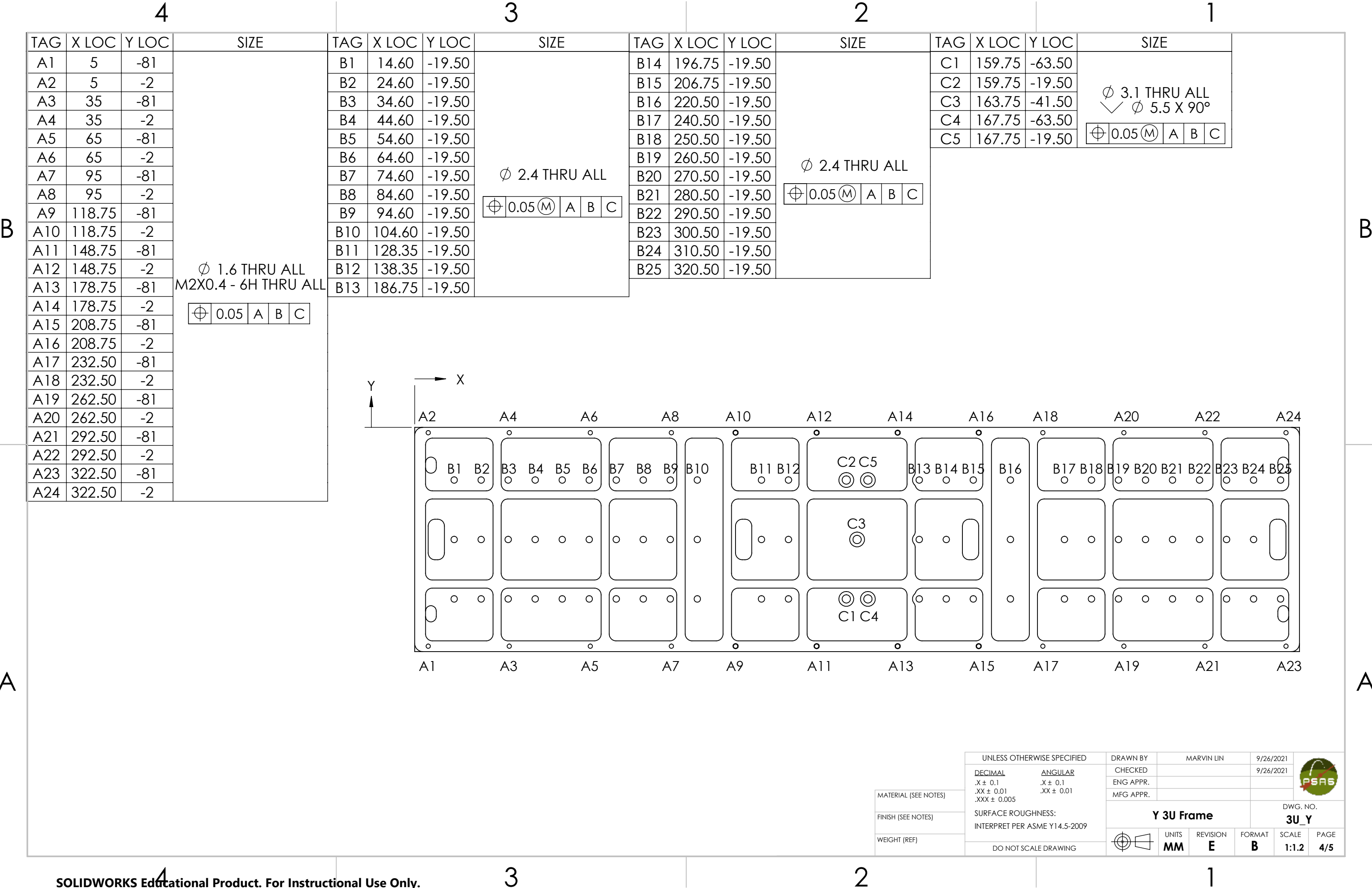
A



DETAIL A
SCALE 1.5 : 1

DO NOT ANODIZE CROSS-HATCHED AREA

MATERIAL (SEE NOTES)	UNLESS OTHERWISE SPECIFIED		DRAWN BY	MARVIN LIN		9/26/2021		
	<u>DECIMAL</u>	<u>ANGULAR</u>	CHECKED			9/26/2021		
	.X ± 0.1	.X ± 0.1	ENG APPR.					
	.XX ± 0.01	.XX ± 0.01	MFG APPR.					
FINISH (SEE NOTES)	SURFACE ROUGHNESS: INTERPRET PER ASME Y14.5-2009		Y 3U Frame				DWG. NO. 3U_Y	
WEIGHT (REF)	DO NOT SCALE DRAWING			UNITS MM	REVISION E	FORMAT B	SCALE 1:2	PAGE 3/5



4				3				2				1				
TAG	X LOC	Y LOC	SIZE	TAG	X LOC	Y LOC	SIZE	TAG	X LOC	Y LOC	SIZE	TAP FOR M2.5X0.45 HELICOIL INSERT = 1.5 * DIA.	TAP FOR M2.5X0.45 HELICOIL INSERT = 1.5 * DIA.	TAP FOR M2.5X0.45 HELICOIL INSERT = 1.5 * DIA.	TAP FOR M2.5X0.45 HELICOIL INSERT = 1.5 * DIA.	
D1	15.80	-8.55	Ø 2.6 THRU TAP FOR M2.5X0.45 HELICOIL INSERT = 1.5 * DIA. ⊕ 0.05 A B C	G1	15.80	5	1.5 X 2.5 ⊕ 0.01 M A B C	K1	-3.50	14	Ø 1.6 ▽ 4.0 M2X0.4 - 6H ▽ 4.0 ⊕ 0.05 A B C					
D2	85.80	-8.55		Ø 2.6 THRU TAP FOR M2.5X0.45 HELICOIL INSERT = 1.5 * DIA. ⊕ 0.05 A B C	H1	15.80	8.55	Ø 2.6 THRU TAP FOR M2.5X0.45 HELICOIL INSERT = 1.5 * DIA. ⊕ 0.05 A B C	K2	-3.50						69
D3	139.55	-8.55			H2	85.80	8.55		TAG	X LOC	Y LOC					SIZE
D4	187.80	-8.55			H3	139.55	8.55									
D5	241.70	-8.55			H4	187.80	8.55									
D6	311.70	-8.55			1.5 X 2.5 ⊕ 0.01 M A B C	H5	241.70	8.55	Ø 1.5 THRU ⊕ 0.01 M A B C	L1	3.50					14
E1	15.80	-5	H6	311.70		8.55	L2	3.50		69						
F1	311.70	-5	Ø 1.5 THRU ⊕ 0.01 M A B C	J1		311.70	5	Ø 1.5 THRU ⊕ 0.01 M A B C								

