

4

3

2

1

B

B

A

A

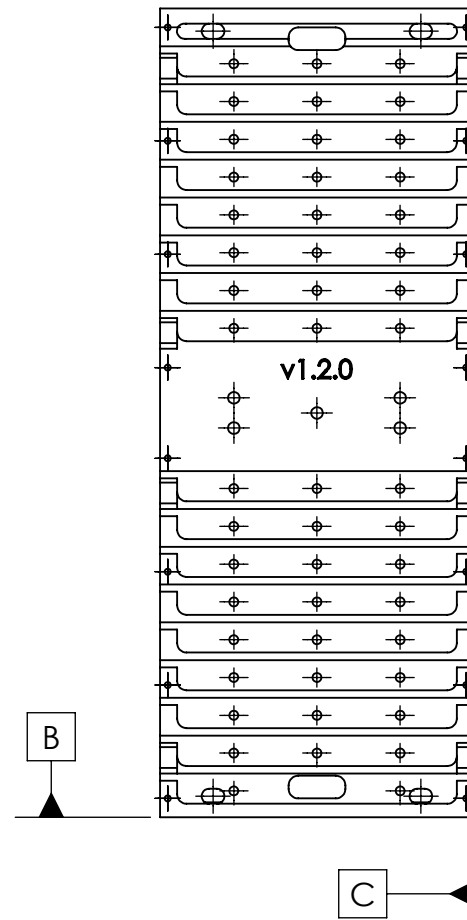
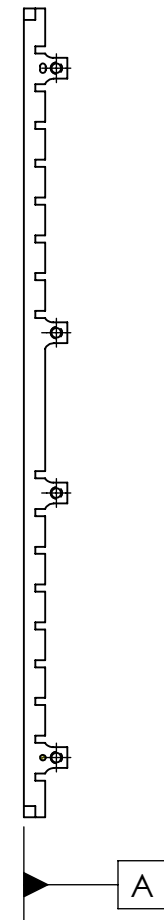
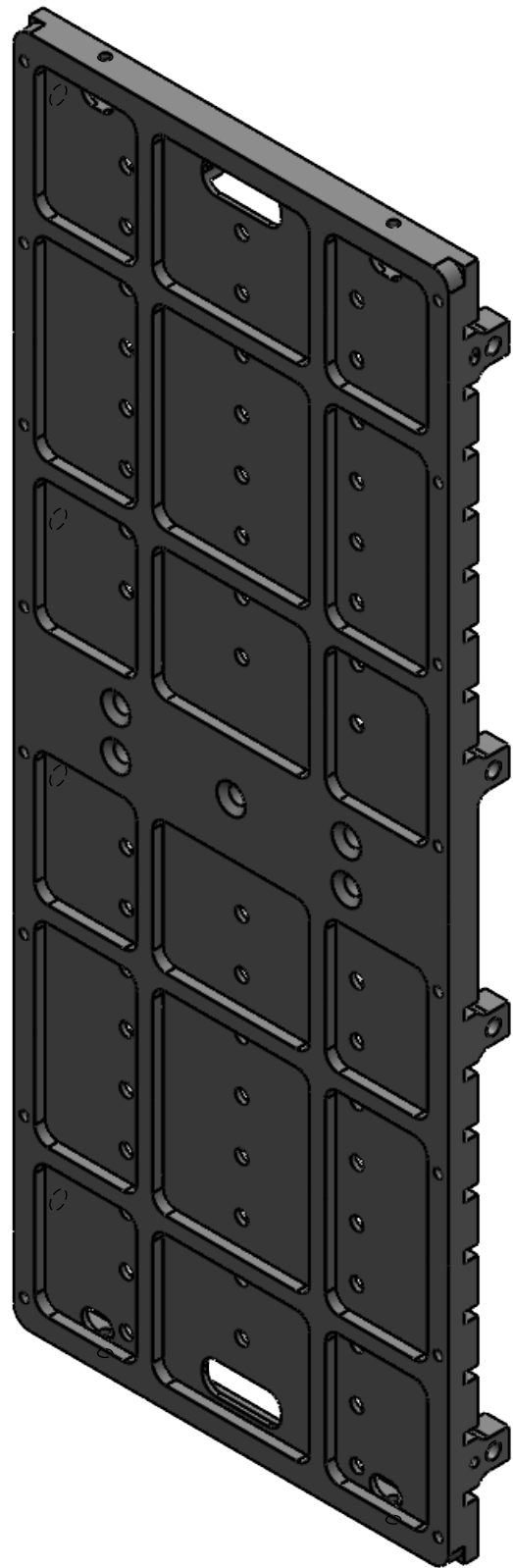
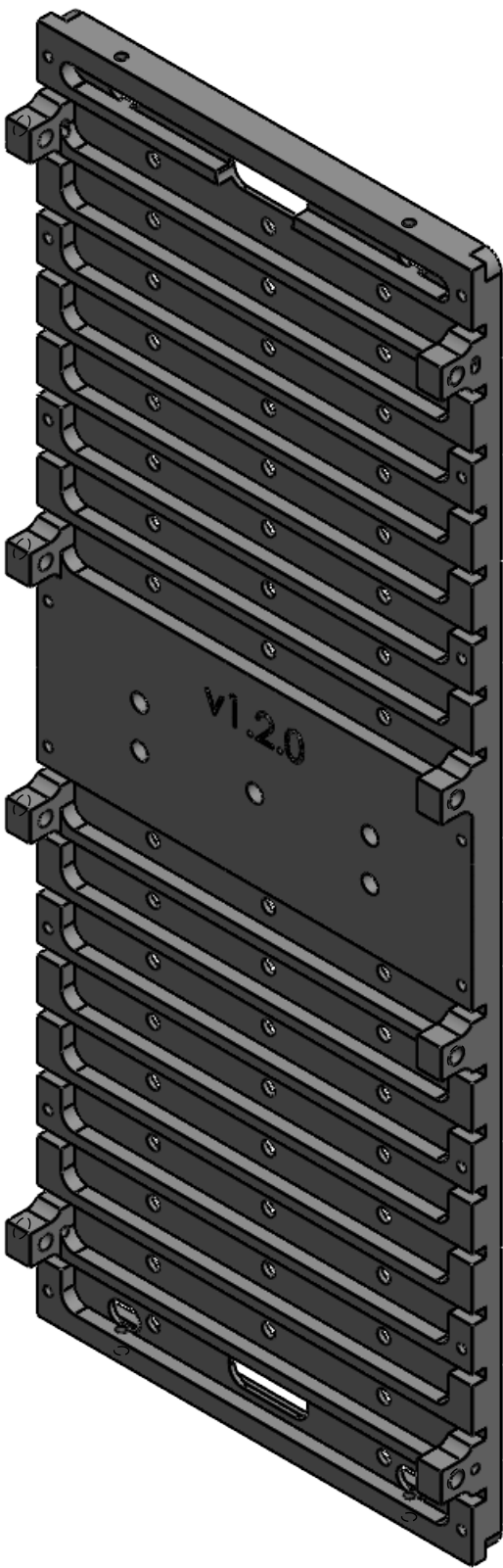
REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS
A	INITIAL RELEASE	04/22/19	RM
B	UPDATED FORMATTING	4/29/2019	
C	MOVE LOCATOR PIN HOLES, MAKE TOP PIN HOLES INTO SLOTS	5/6/2019	RM
D	ADDED FILLETS	5/26/2019	CS
E	CHANGED END CAP HOLE DEPTH AND ADDED SLOTS FOR VENTING	7/25/2019	CS
F	MADE CARD SLOT HEIGHT LARGER	9/4/2019	EG
G	CHANGED POST LOCATIONS, REMOVED EXTRA SOLAR CARD HOLES, FILLED IN CENTER CUT OUTS FOR REACTION WHEELS	9/12/2020	CS

		NAME	DATE	Description:  Y FRAME
	DRAWN	RYAN MEDICK	4/22/19	
	CHECKED	ANDREW GREENBERG	4/22/19	
	ENG APPR.			
	MFG APPR.			
COMMENTS:				DWG. NO. Y_Frame
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETER TOLERANCES: ONE PLACE DECIMAL ±0.1 TWO PLACE DECIMAL ±0.01		MATERIAL 6061-T6 (SS)	REV G    SIZE B    SCALE: 1:2 SHEET 1 OF 4	
		FINISH ANODIZATION: TYPE II		
		WEIGHT (REF)		
		DO NOT SCALE DRAWING		

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NOTES:

1. REFERENCE Y\_Frame.sldprt OR Y\_Frame.step FOR MODEL BASE DEF.
2. BREAK ALL EDGES.
3. MATERIAL: 6061-T6 (SS).
4. ANODIZATION: TYPE II, BLACK
5. OVERALL PROFILE TOLERANCE  $\frac{1}{2}$  0.2 A B C TO A MINIMUM GRID OF 5MM, UNLESS OTHERWISE SPECIFIED.
6. INTERNAL CORNERS RADIUS IS 0.2MM MAXIMUM

	DRAWN	NAME RYAN MEDICK	DATE 4/22/19	Description:  Y FRAME
	CHECKED	ANDREW GREENBERG	4/22/19	
	ENG APPR.			
	MFG APPR.			
	COMMENTS:			
UNLESS OTHERWISE SPECIFIED: MATERIAL 6061-T6 (SS)				DWG. NO. Y_Frame
DIMENSIONS ARE IN MILLIMETER				REV G
TOLERANCES:				SIZE B
ONE PLACE DECIMAL $\pm 0.1$				SCALE: 1:2
TWO PLACE DECIMAL $\pm 0.01$				SHEET 2 OF 4
FINISH ANODIZATION: TYPE II				
WEIGHT (REF)				
DO NOT SCALE DRAWING				

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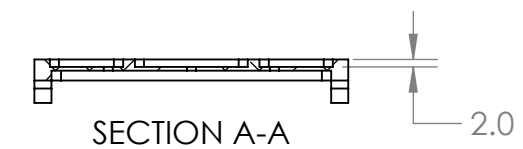
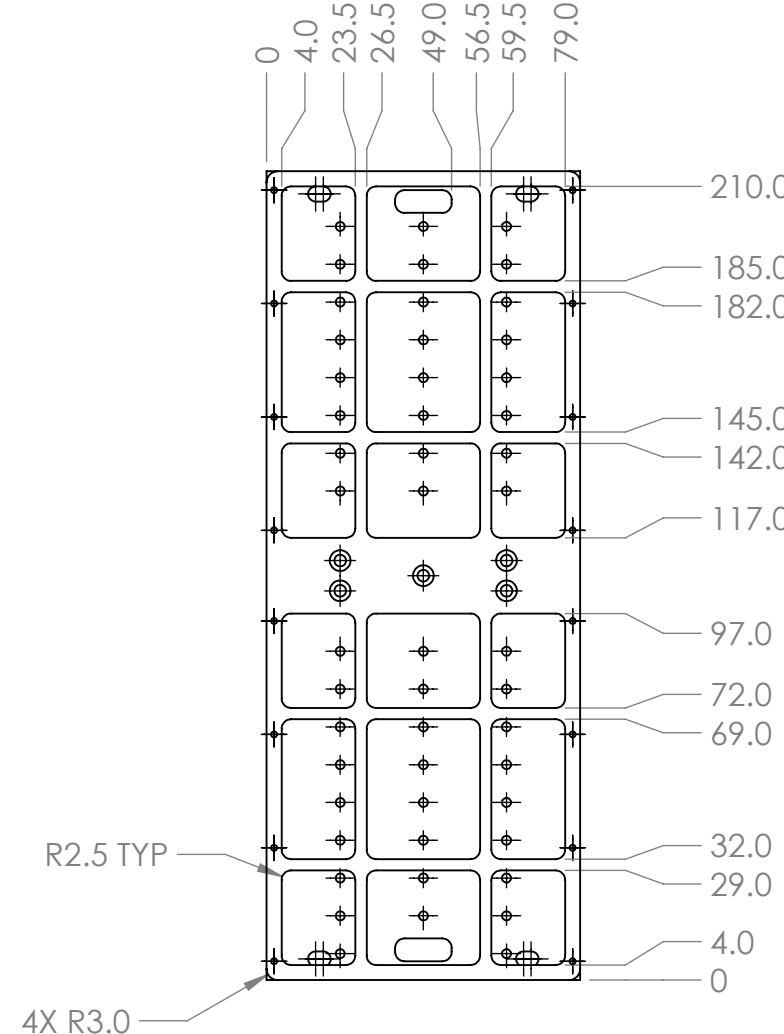
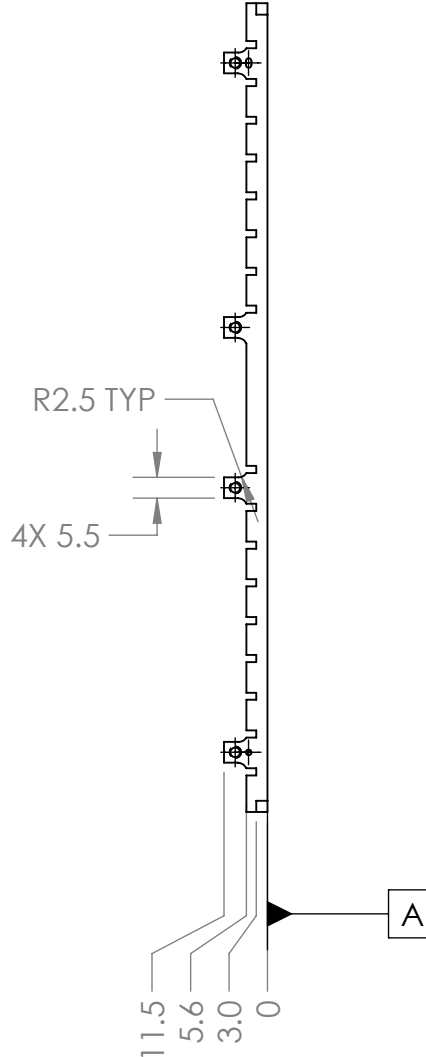
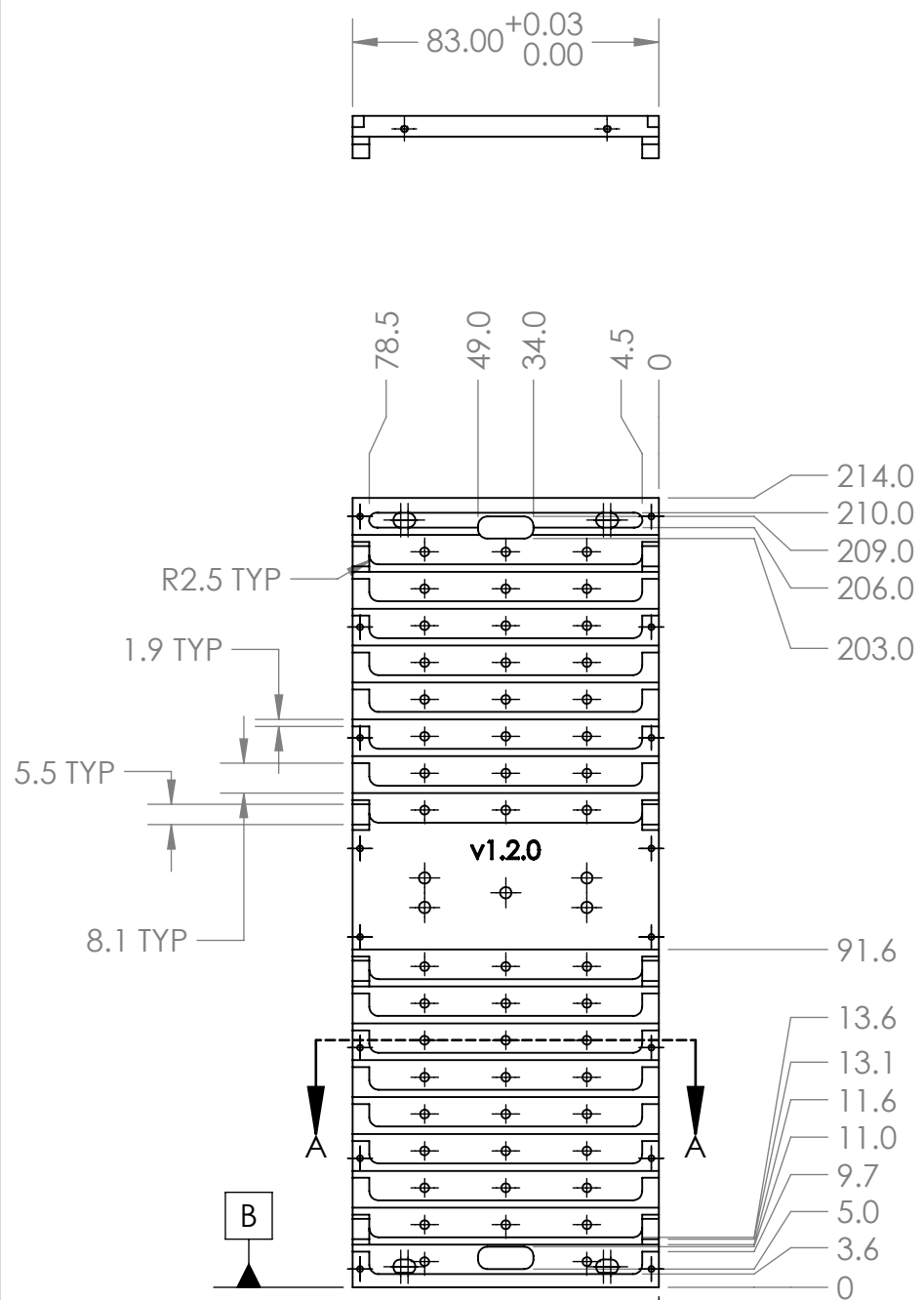
1

B

B

A

A



DRAWN	NAME	DATE
CHECKED	RYAN MEDICK	4/22/19
ENG APPR.	ANDREW GREENBERG	4/22/19
MFG APPR.		

Description: Y FRAME

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN MILLIMETER  
TOLERANCES:  
ONE PLACE DECIMAL ±0.1  
TWO PLACE DECIMAL ±0.01

MATERIAL 6061-T6 (SS)  
FINISH ANODIZATION: TYPE II  
WEIGHT (REF)  
DO NOT SCALE DRAWING

COMMENTS:			DWG. NO.
			Y_Frame
REV	SIZE	SCALE: 1:2	
G	B	SHEET 3 OF 4	

3

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4

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2

1

2X  $\varnothing$  1.6[0.1]  $\nabla$  (4.0[0.2])  
M2X0.4 - 6H  $\nabla$  (4.0[0.2])  
BREACH FOR VENTING PURPOSES

SLOT THRU PER DETAIL J

209.0  
(208.0)

119.0  
111.0  
107.0  
103.0

95.0

7.0  
(5.6)  
5.0

0

8X R2.0  
BREACH FOR  
VENTING PURPOSES

2X  $\varnothing$  1.6[0.1]  $\nabla$  (4.0[0.2])  
M2X0.4 - 6H  $\nabla$  (4.0[0.2])  
BREACH FOR VENTING PURPOSES

3.5

69.0

14.0

24X  $\varnothing$  2.4 THRU ALL

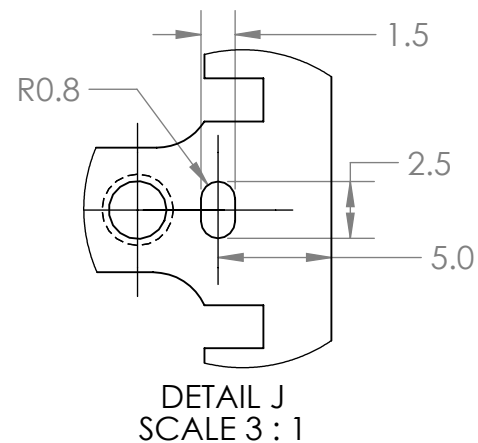
16X  $\varnothing$  1.6 THRU ALL  
M2X0.4 - 6H THRU ALL

27X  $\varnothing$  2.4 THRU ALL

10.0 TYP 30.0 TYP

B

C



8X  $\varnothing$  2.6 THRU  
TAP FOR M2.5X0.45 HELICOIL INSERT = 1.5 \* DIA.

A

198.2

128.2

85.8

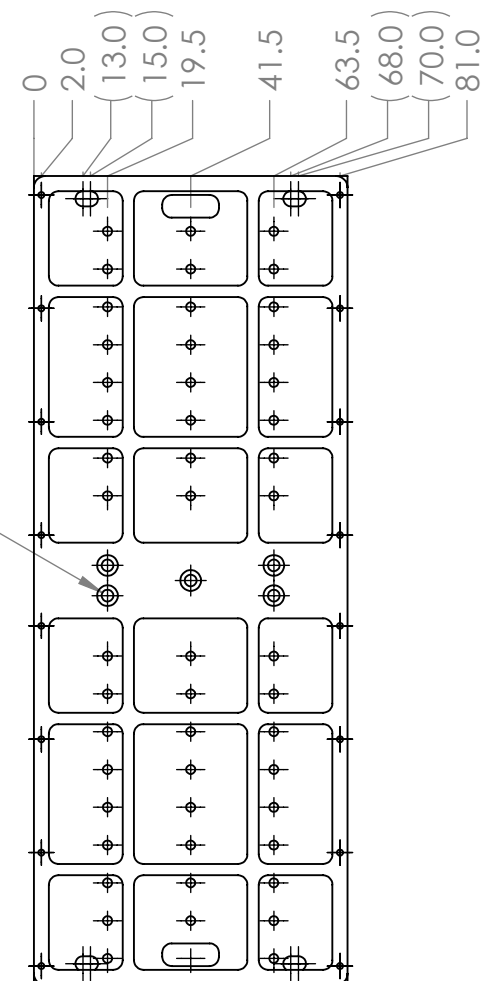
4X  $\varnothing$  1.5 THRU


15.8

0

8.6  
5.0  
0

5X  $\varnothing$  3.1 THRU ALL  
 $\nabla$   $\varnothing$  5.5 X 90°



	DRAWN	NAME RYAN MEDICK	DATE 4/22/19	Description:  Y FRAME
	CHECKED	ANDREW GREENBERG	4/22/19	
	ENG APPR.			
	MFG APPR.			
COMMENTS:				DWG. NO. Y_Frame
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETER TOLERANCES: ONE PLACE DECIMAL $\pm$ 0.1 TWO PLACE DECIMAL $\pm$ 0.01				REV G
				SIZE B
				SCALE: 1:2 SHEET 4 OF 4

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