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REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS
A	INITIAL RELEASE	04/22/19	RM
B	UPDATED FORMATTING	4/29/2019	
C	MOVE LOCATING PINS AND ADD Ø 1.00 mm THRU FOR VENTING	5/6/2019	
D	ADDED FILLETS	5/26/2019	
E	CHANGED END CAP HOLE DEPTH AND ADDED SLOTS FOR VENTING	7/25/2019	CS
F	CHANGED POST LOCATIONS, REMOVED EXTRA SOLAR CARD HOLES, AND CHANGED PLUNGER THREAD DEPTH	9/12/2020	CS
G	CHANGED RAIL FILLETS TO MATCH CDS	9/23/2020	CS
H	Added Backplane Debug Connector	11/15/2020	HR

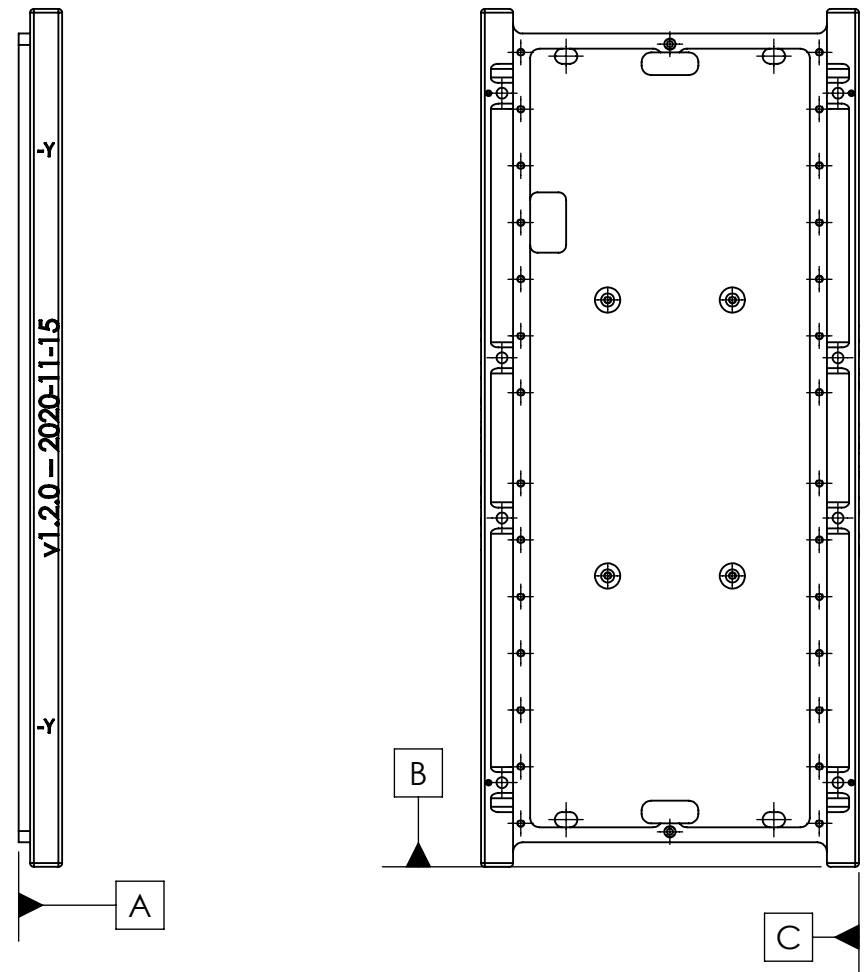
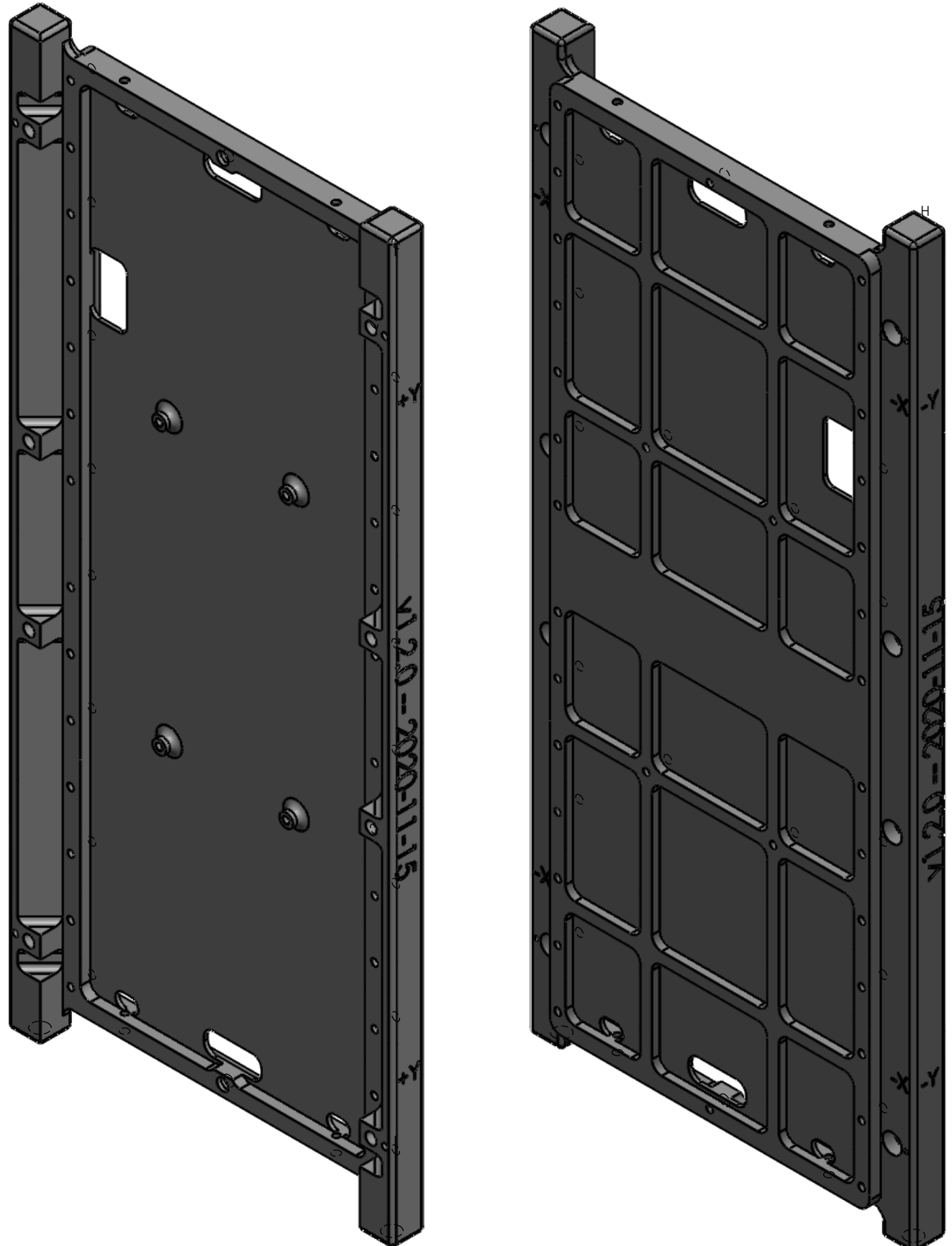
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETER TOLERANCES: ONE PLACE DECIMAL ±0.1 TWO PLACE DECIMAL ±0.01	MATERIAL 6061-T6 (SS) FINISH ANODIZATION: TYPE II WEIGHT (REF) DO NOT SCALE DRAWING
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		NAME RYAN MEDICK	DATE 4/22/19	Description: -X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

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

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	DWG. NO. minusX_Frame		
		REV	SIZE	SCALE: 1:2
		H	B	SHEET 2 OF 4

	NAME	DATE	Description: -X FRAME
	DRAWN RYAN MEDICK	4/22/19	
	CHECKED ANDREW GREENBERG	4/22/19	
	ENG APPR.		
COMMENTS:			

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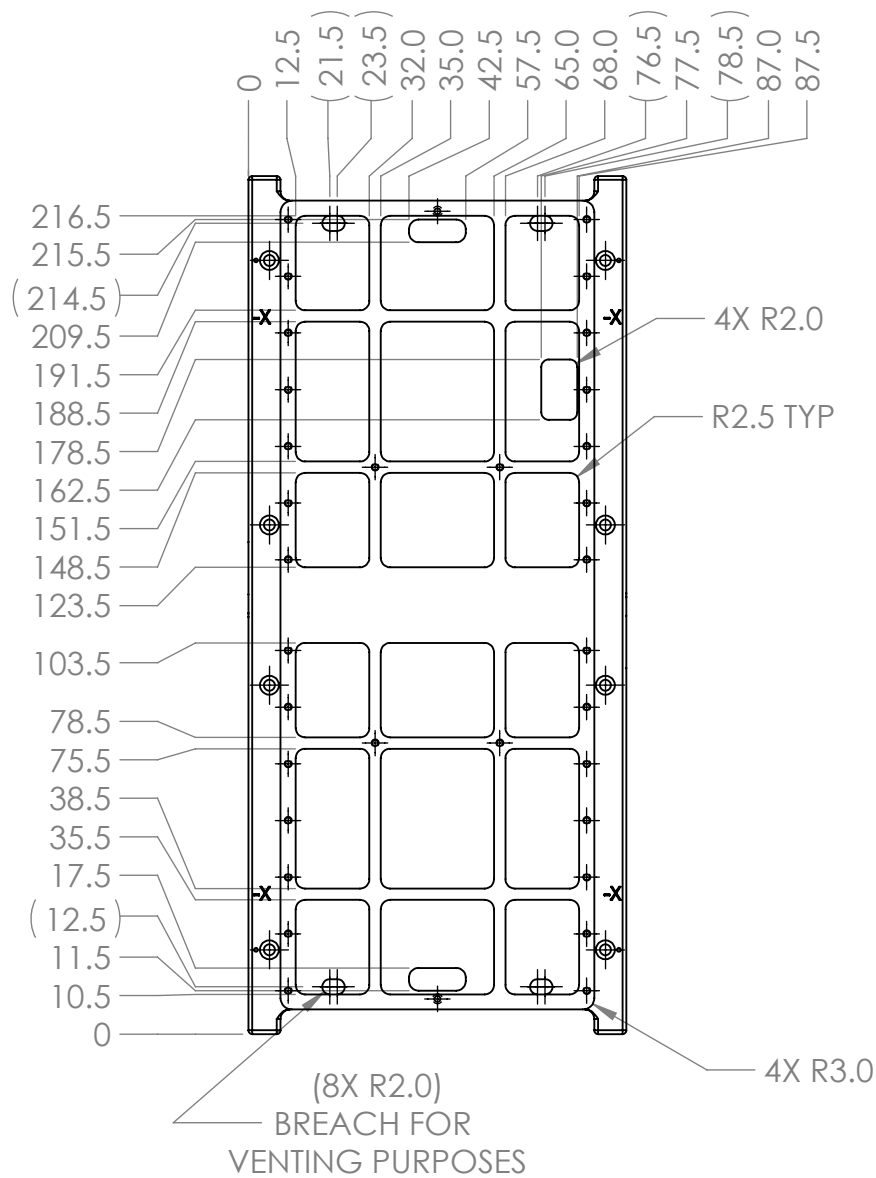
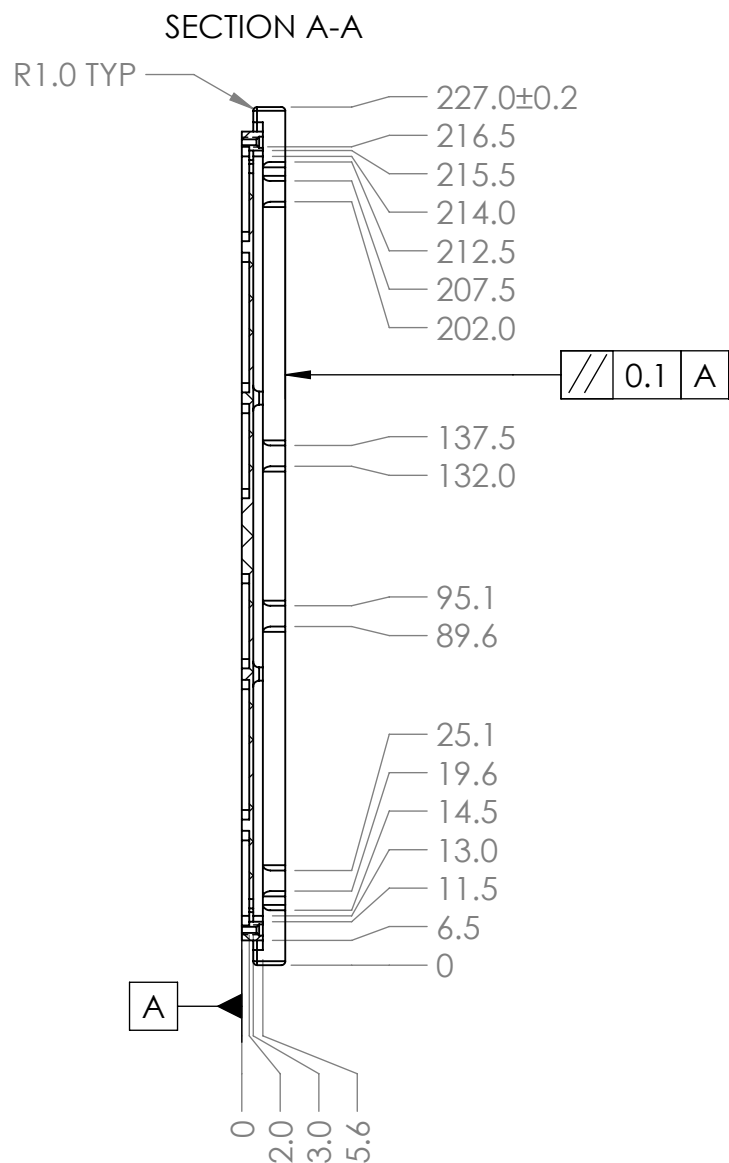
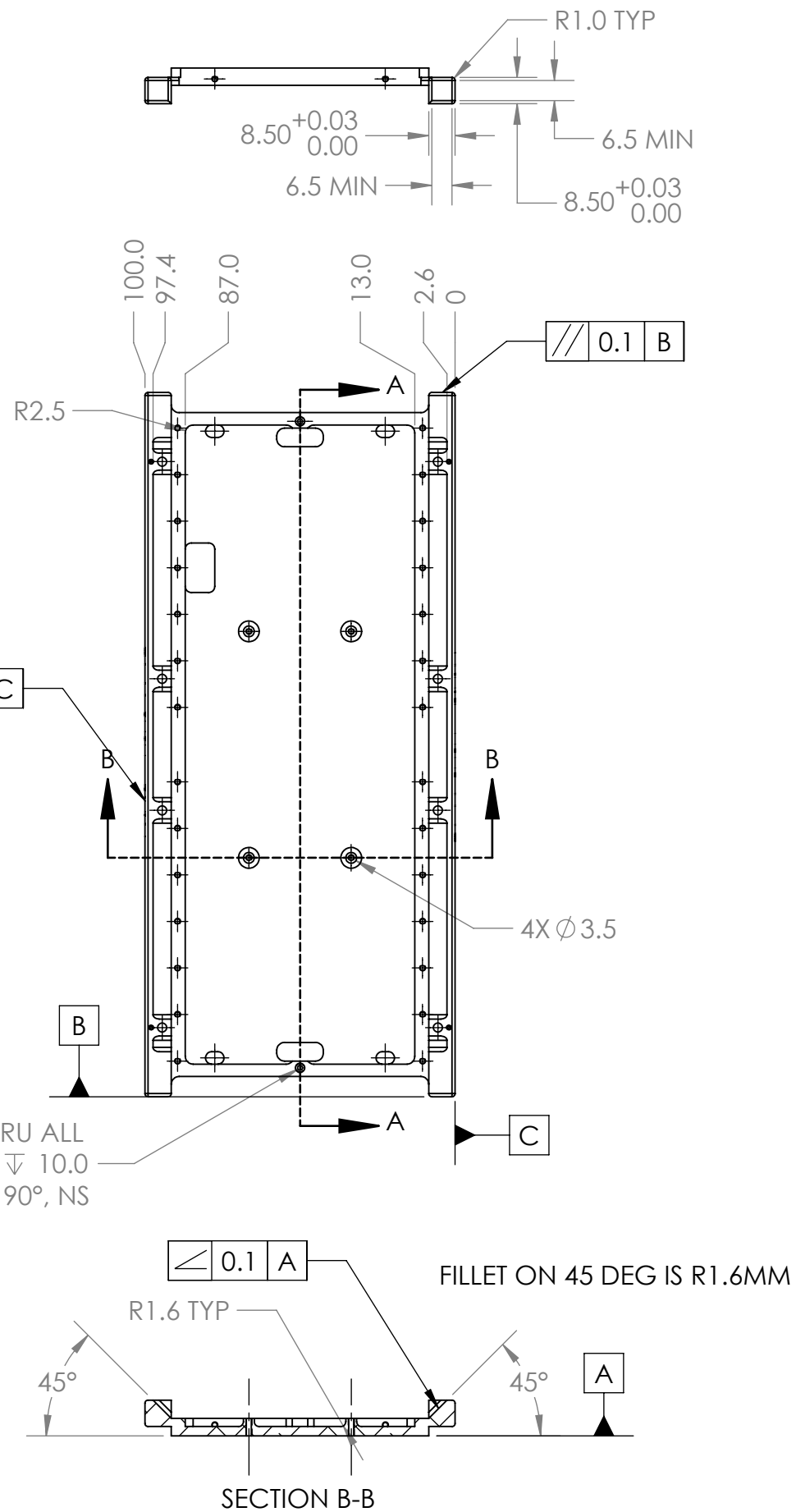
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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETER
TOLERANCES:
ONE PLACE DECIMAL \pm 0.1
TWO PLACE DECIMAL \pm 0.01


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

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

COMMENTS:

Description:
-X FRAME

DWG. NO. minusX_Frame		
REV	SIZE	SCALE: 1:2
H	B	SHEET 3 OF 4

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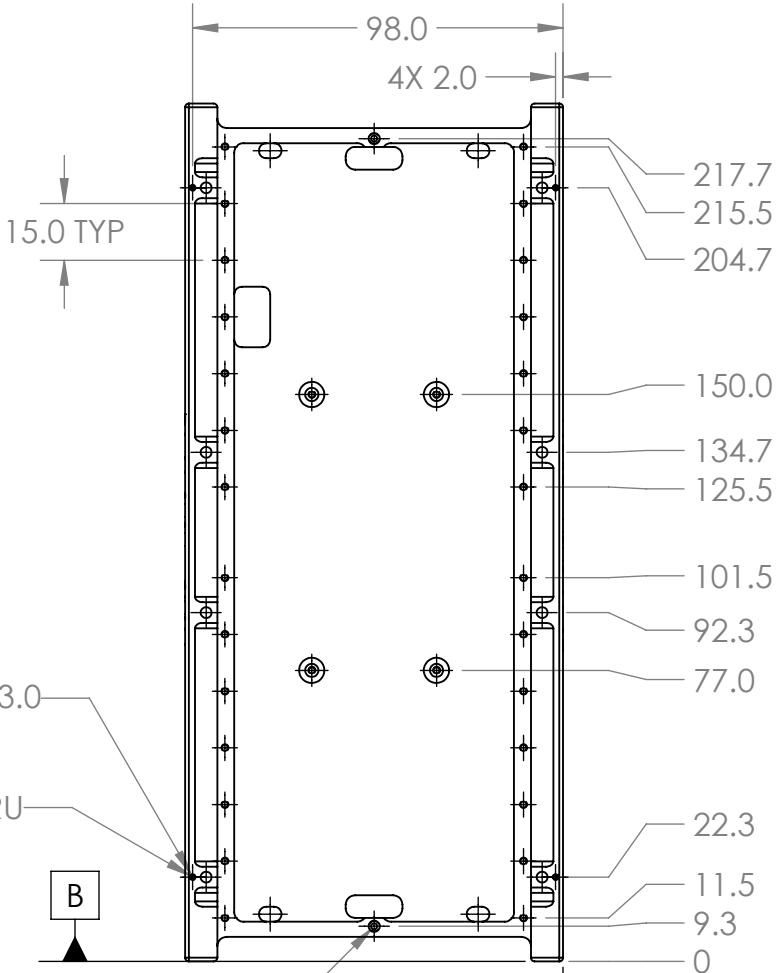
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2X ϕ 1.6 [0.1] ∇ (4.0 [0.2])
M2X0.4 - 6H ∇ (4.0 [0.2])
BREACH FOR VENTING PURPOSES



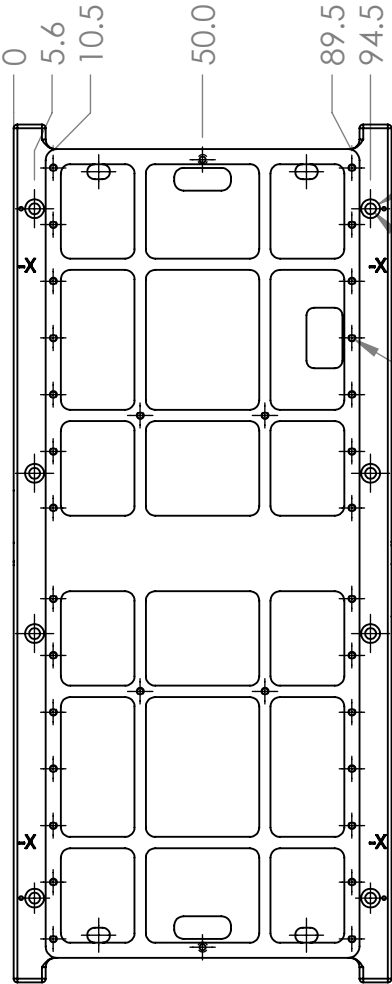
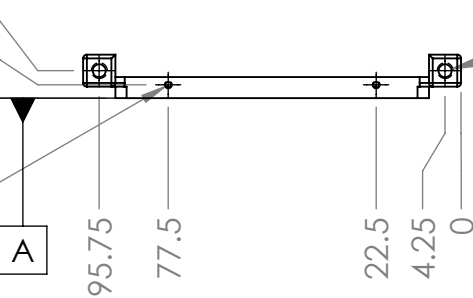
4X ϕ 1.5 $\begin{smallmatrix} 0.000 \\ -0.013 \end{smallmatrix}$ ∇ 3.0

4X ϕ 1.0 THRU

2X ϕ 1.6 THRU ALL
M2X0.4 - 6H ∇ 10.0
 \surd ϕ 3.0 X 90°, NEAR SIDE

2X ϕ 3.5 ∇ 12.4
8-36 UNF ∇ 10.3

2X ϕ 1.6 [0.1] ∇ (4.0 [0.2])
M2X0.4 - 6H ∇ (4.0 [0.2])
BREAK THROUGH FOR
VENTING PURPOSES



8X ϕ 2.9 THRU
 \square ϕ 5.0 ∇ 3.0
8X ϕ 2.9 THRU ALL
34X ϕ 1.6 THRU ALL
M2X0.4 - 6H THRU ALL



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

Description:

-X FRAME

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETER
TOLERANCES:
ONE PLACE DECIMAL \pm 0.1
TWO PLACE DECIMAL \pm 0.01
MATERIAL 6061-T6 (SS)
FINISH ANODIZATION: TYPE II
WEIGHT (REF)
DO NOT SCALE DRAWING

COMMENTS:

DWG. NO. minusX_Frame		
REV	SIZE	SCALE: 1:2
H	B	SHEET 4 OF 4

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