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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 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



	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 0.1
TWO PLACE DECIMAL 0.01

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

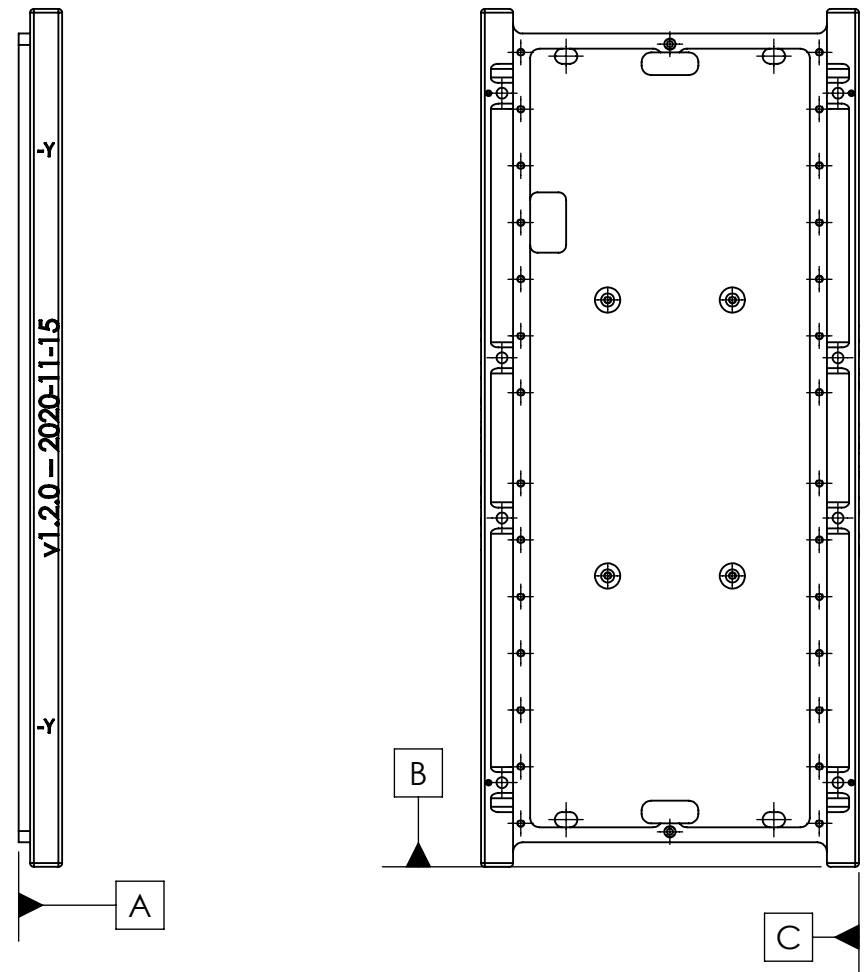
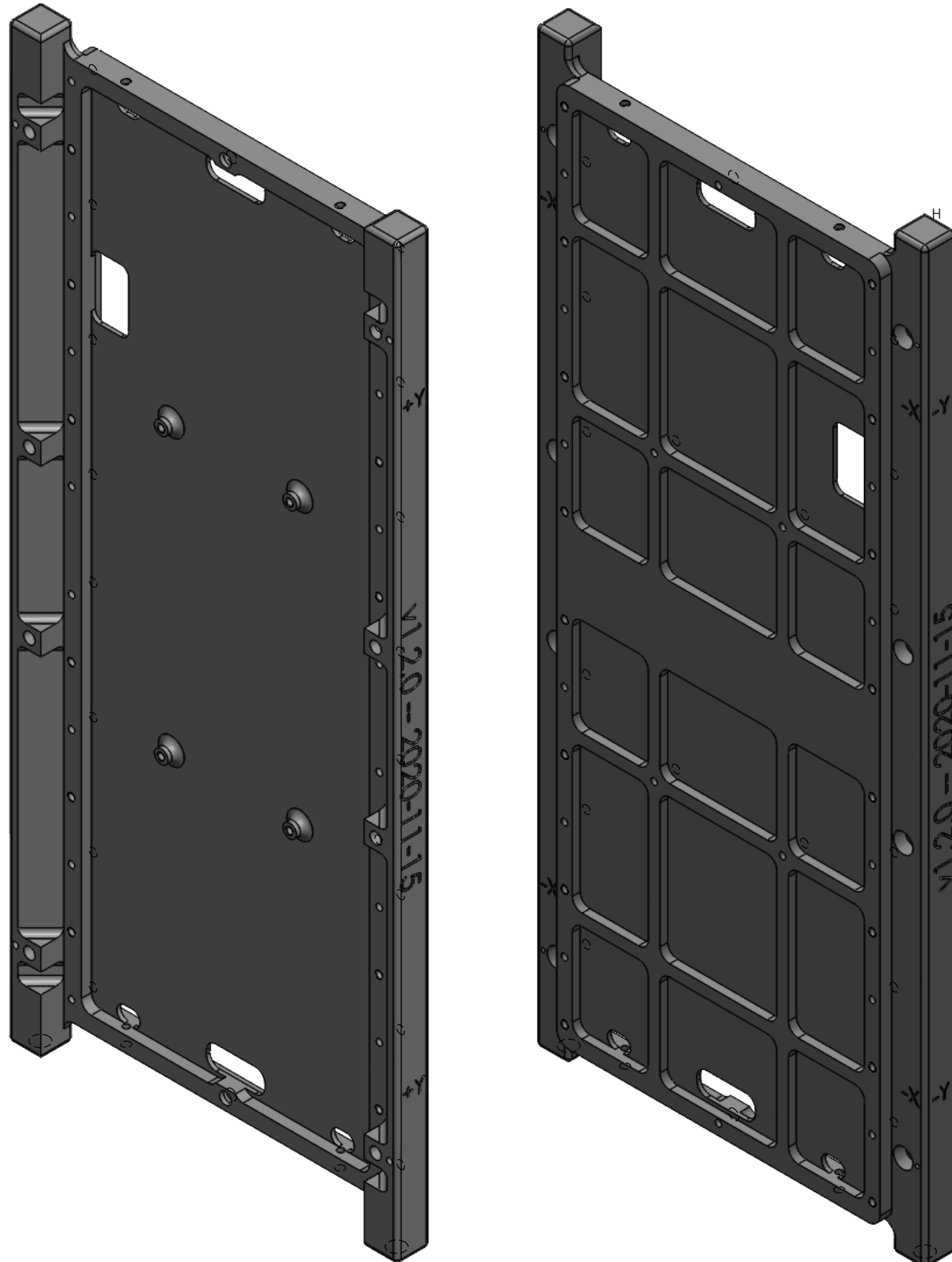
COMMENTS:

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 0.2 A B C TO A MINIMUM GRID OF 5MM, UNLESS OTHERWISE SPECIFIED.
 6. INTERNAL CORNERS RADIUS IS 0.2MM MAXIMUM

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TOLERANCES:
ONE PLACE DECIMAL 0.1
TWO PLACE DECIMAL 0.01



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

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

COMMENTS:

DWG. NO.
minusX_Frame

REV H	SIZE B	SCALE: 1:2 SHEET 2 OF 4
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Description:
-X FRAME

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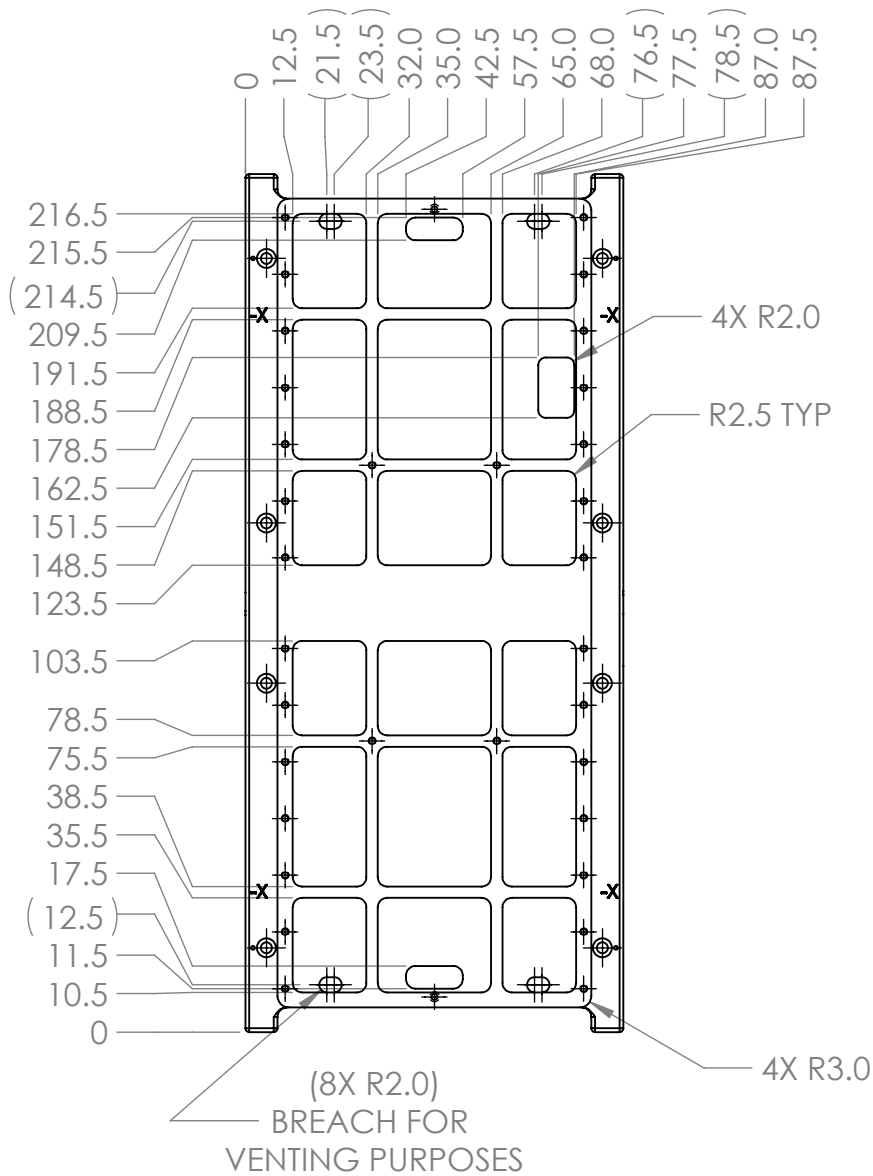
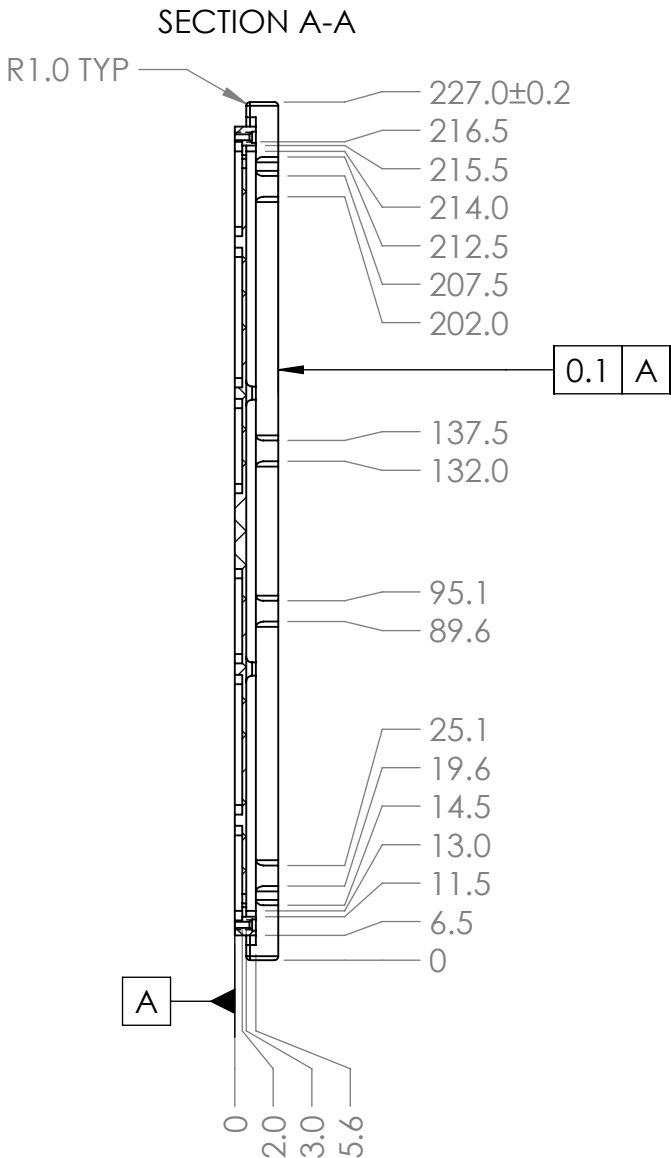
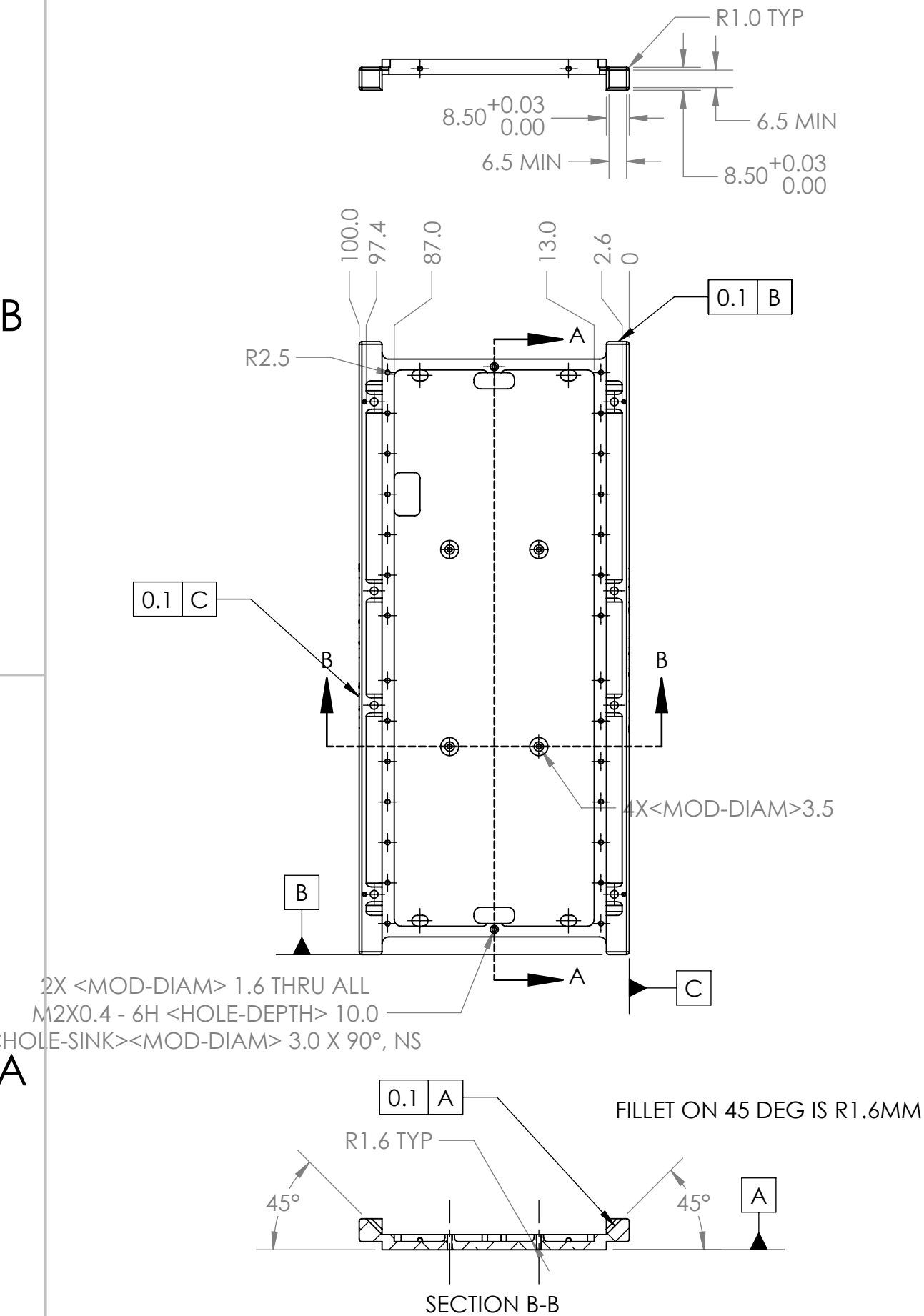
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B

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DRAWN	NAME RYAN MEDICK	DATE 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 0.1
TWO PLACE DECIMAL 0.01
MATERIAL 6061-T6 (SS)
FINISH ANODIZATION: TYPE II
WEIGHT (REF)
DO NOT SCALE DRAWING

COMMENTS:

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

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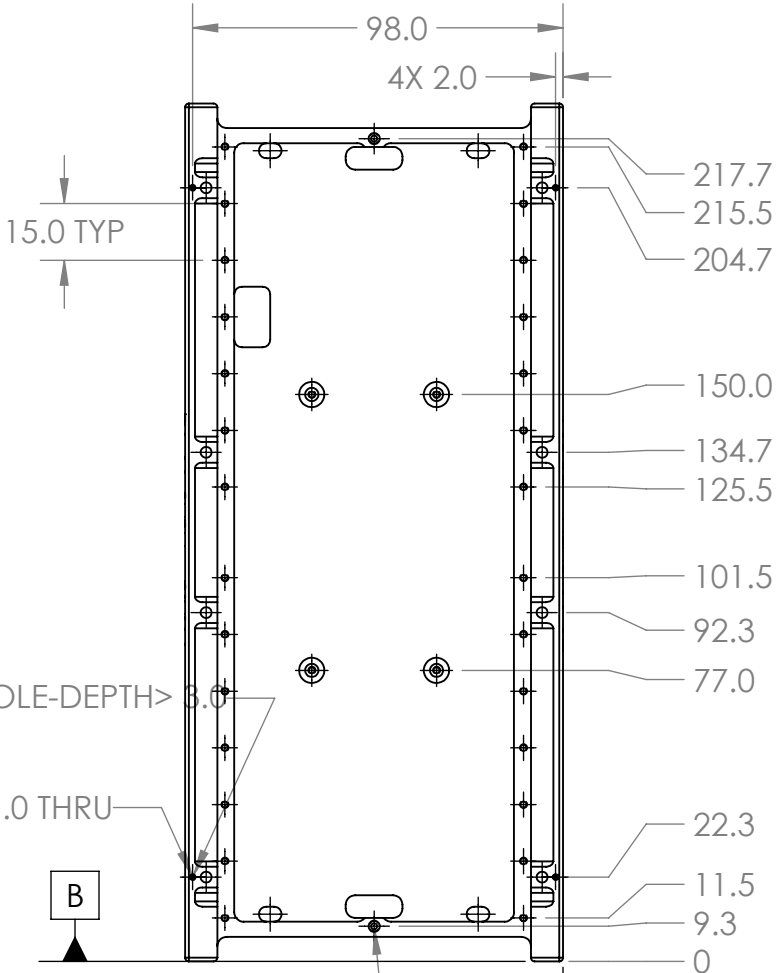
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2X <MOD-DIAM> 1.6[0.1] <HOLE-DEPTH> (4.0[0.2])
M2X0.4 - 6H <HOLE-DEPTH> (4.0[0.2])
BREACH FOR VENTING PURPOSES



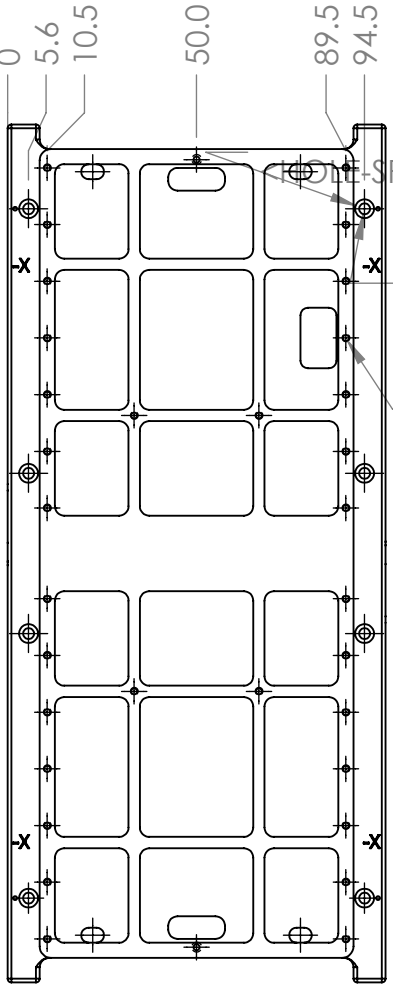
4X <MOD-DIAM> 1.5^{0.000}_{-0.013} <HOLE-DEPTH> 3.0

4X <MOD-DIAM> 1.0 THRU

2X <MOD-DIAM> 1.6 THRU ALL
M2X0.4 - 6H <HOLE-DEPTH> 10.0
<HOLE-SINK><MOD-DIAM> 3.0 X 90°, NEAR SIDE

2X <MOD-DIAM> 3.5 <HOLE-DEPTH> 12.4
8-36 UNF <HOLE-DEPTH> 10.3

<MOD-DIAM> 1.6[0.1] <HOLE-DEPTH> (4.0[0.2])
M2X0.4 - 6H <HOLE-DEPTH> (4.0[0.2])
BREAK THROUGH FOR
VENTING PURPOSES



8X <MOD-DIAM> 2.9 THRU
<MOD-DIAM> 5.0 <HOLE-DEPTH> 3.0
8X <MOD-DIAM> 2.9 THRU ALL
40X <MOD-DIAM> 1.6 THRU ALL
M2X0.4 - 6H THRU ALL



DRAWN	NAME RYAN MEDICK	DATE 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 0.1
TWO PLACE DECIMAL 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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