

4

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B

B

A

A

REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS
A	INITIAL RELEASE	04/22/19	RM
B	UPDATED FORMATTING	4/29/2019	CS
C	MOVE LOCATING PINS AND ADD Ø 1.00 mm THRU FOR VENTING	5/6/2019	
D	ADDED FILLETS	5/26/2019	CS
E	CHANGED END CAP HOLE DEPTH AND ADDED SLOTS FOR VENTING	7/24/2019	CS
F	ADDED SLOPES ABOVE CARD SLOTS	9/4/2019	CS
G	ADDED STAR TRACKER AND INHIBIT CUTOUTS	7/29/2020	EG
H	CHANGED POST LOCATIONS, REMOVED EXTRA SOLAR BOARD HOLES, CHANGED PLUNGER THREAD DEPTH	9/12/2020	CS
J	CHANGED RAIL FILLETS TO MATCH CDS	9/23/2020	CS
K	UPDATED RAIL FILLETS, ADDED NEW FILLET RUNNING ALONG THE HEIGHT OF EACH RAIL	11/15/2020	HR



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

Description:

plusX_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.

REV
K

SIZE
B

SCALE: 1:2
SHEET 1 OF 4

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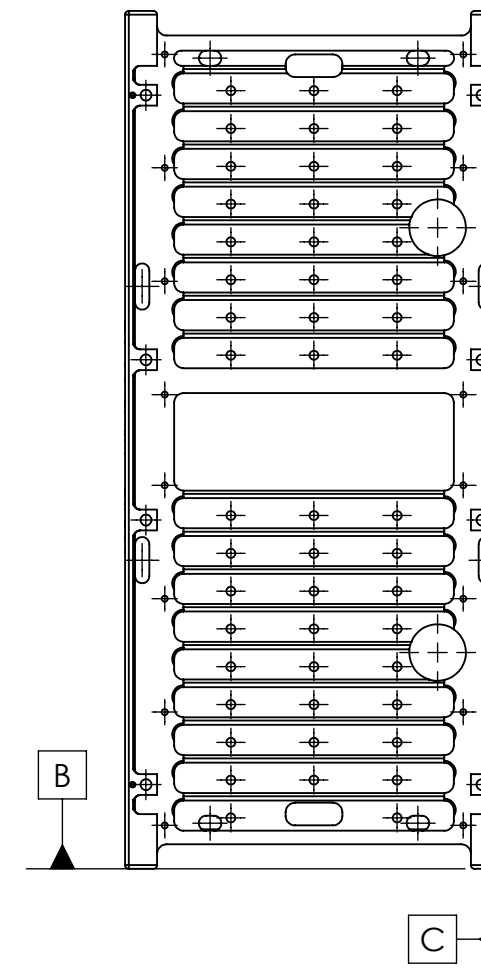
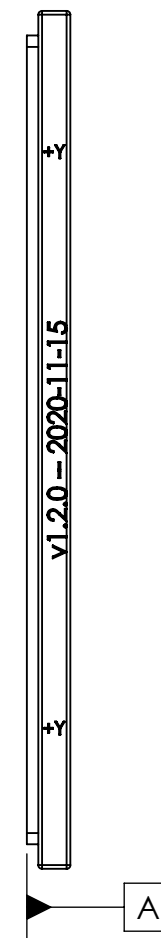
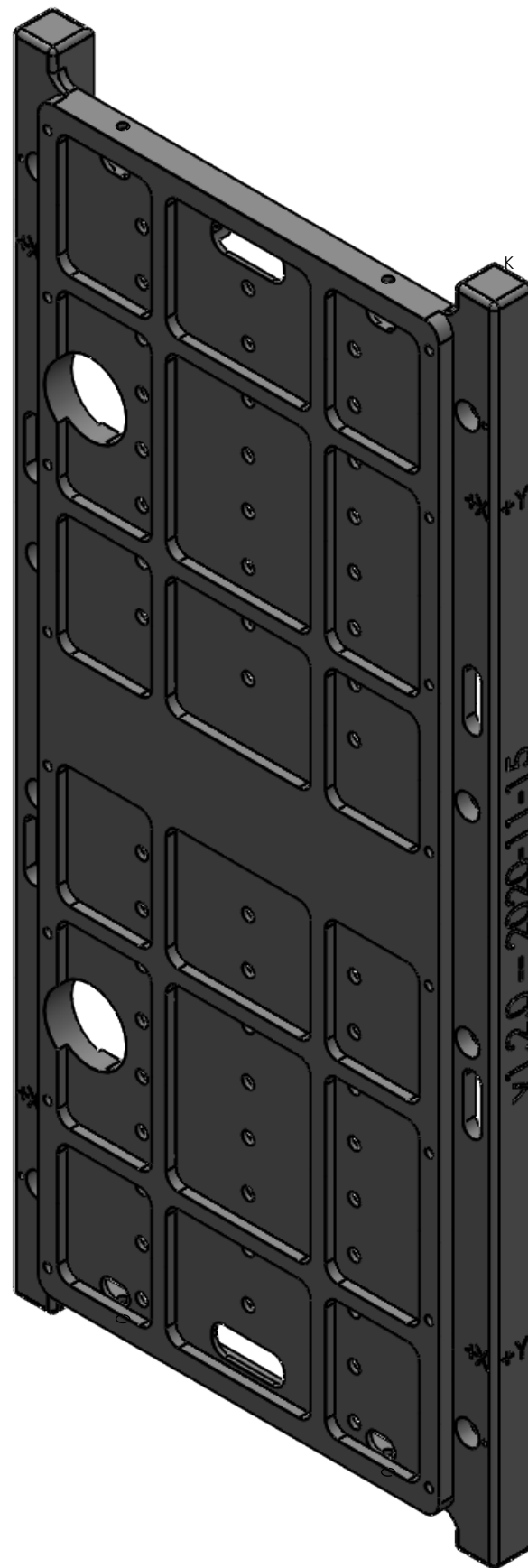
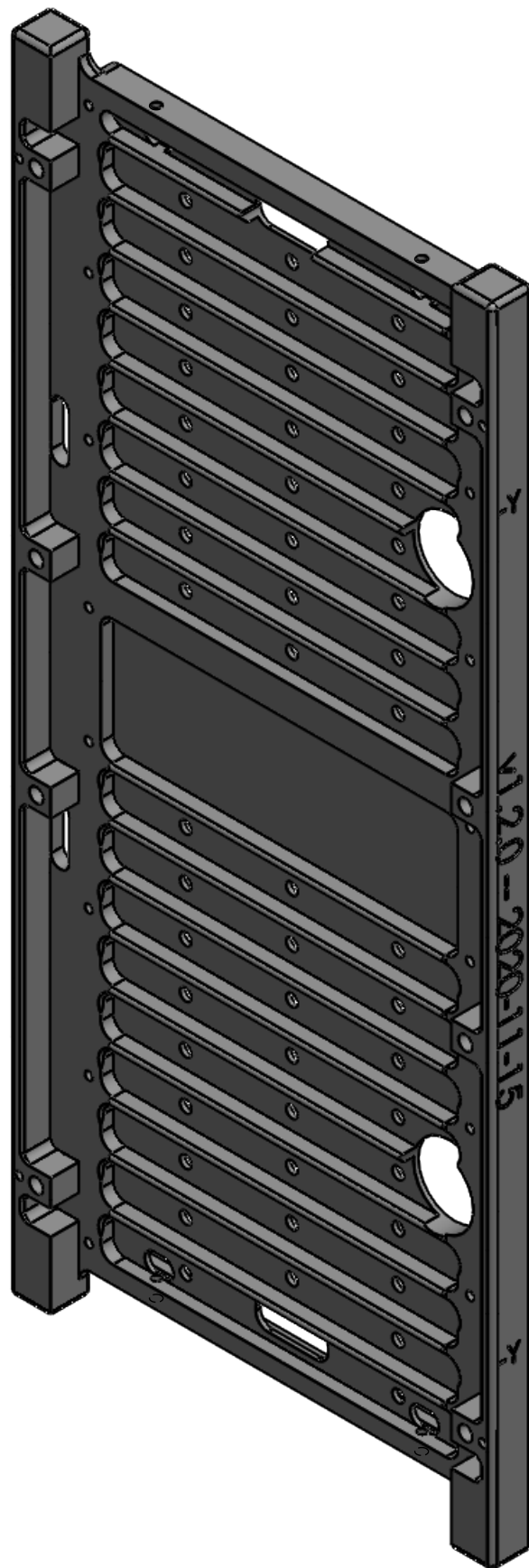
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NOTES:

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 $\frac{1}{2}$ 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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MATERIAL
6061-T6 (SS)
FINISH
ANODIZATION: TYPE II
WEIGHT (REF)
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	DRAWN	NAME RYAN MEDICK ANDREW GREENBERG	DATE 4/22/19	Description: +X FRAME
	CHECKED		4/22/19	
	ENG APPR.			
	MFG APPR.			
	COMMENTS:			
DWG. NO. plusX_Frame				
REV K	SIZE B	SCALE: 1:2 SHEET 2 OF 4		

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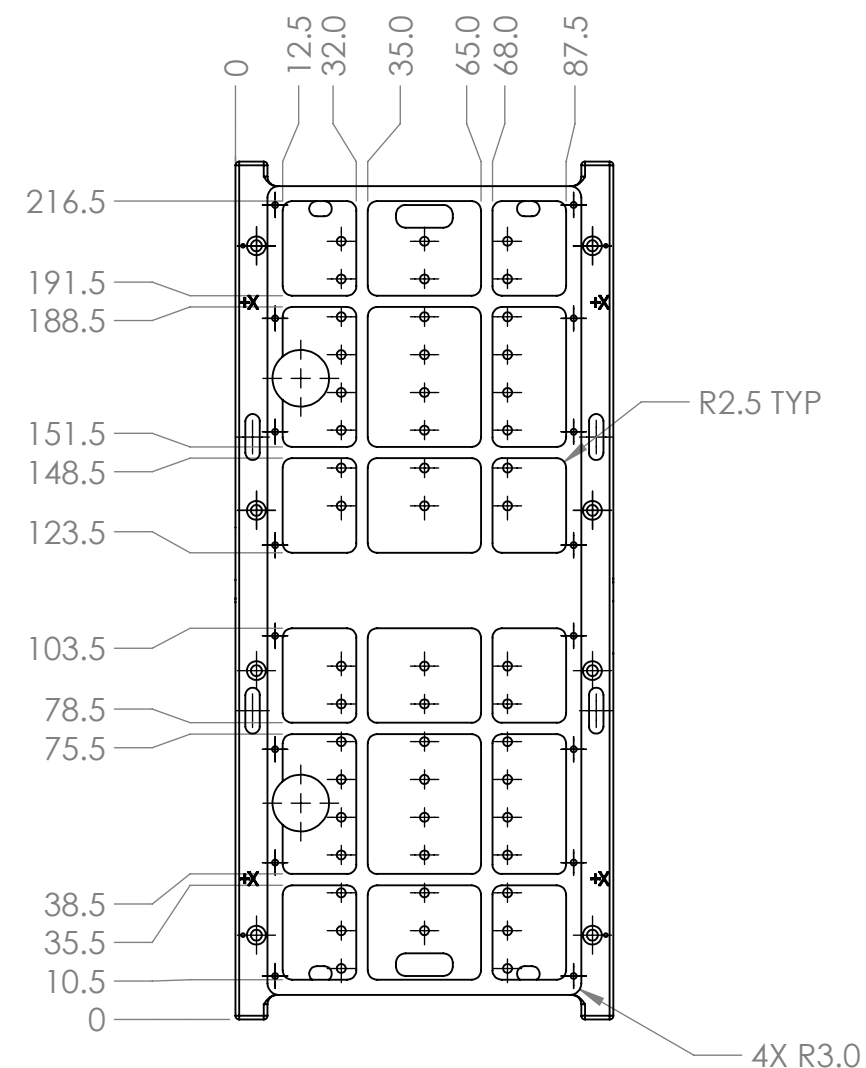
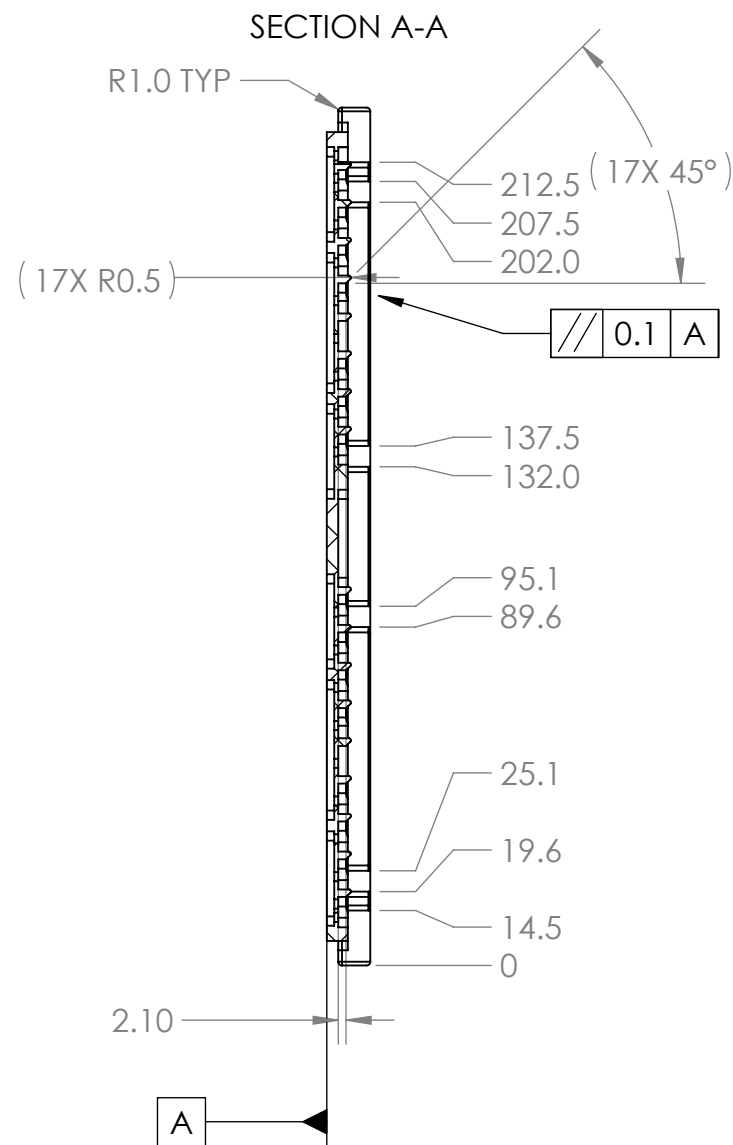
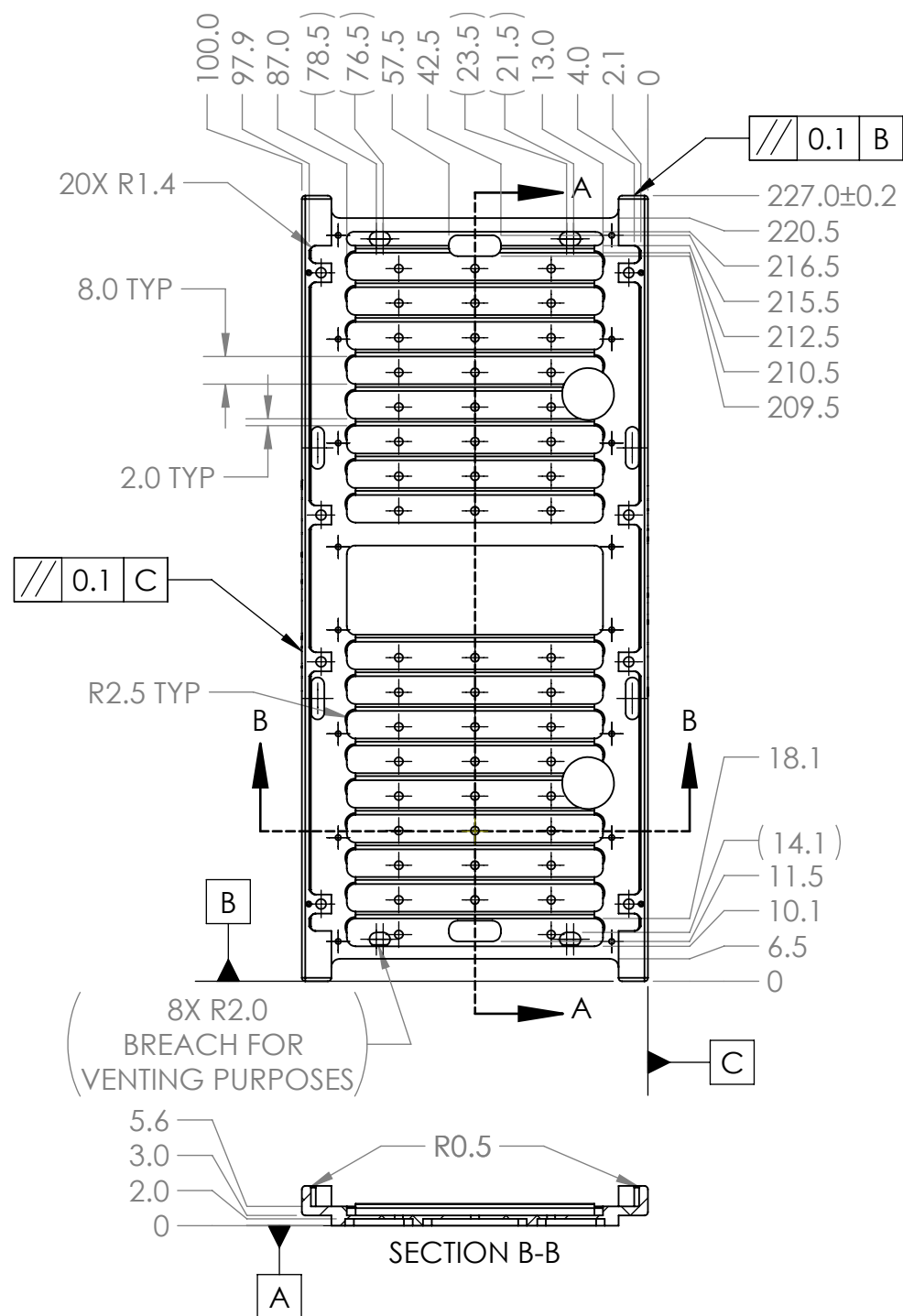
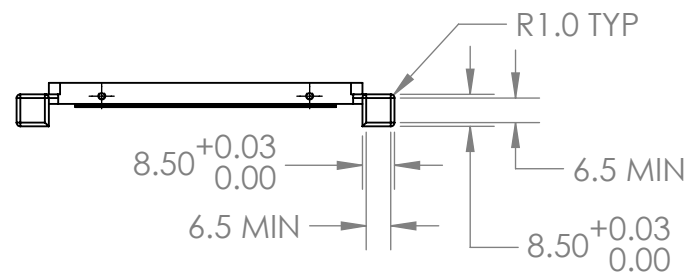
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	DRAWN	NAME RYAN MEDICK ANDREW GREENBERG	DATE 4/22/19	Description: +X FRAME
	CHECKED		4/22/19	
	ENG APPR.			
	MFG APPR.			
COMMENTS:				DWG. NO. plusX_Frame
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETER TOLERANCES: ONE PLACE DECIMAL ±0.1 TWO PLACE DECIMAL ±0.01				REV K
				SIZE B
DO NOT SCALE DRAWING				SCALE: 1:2
				SHEET 3 OF 4

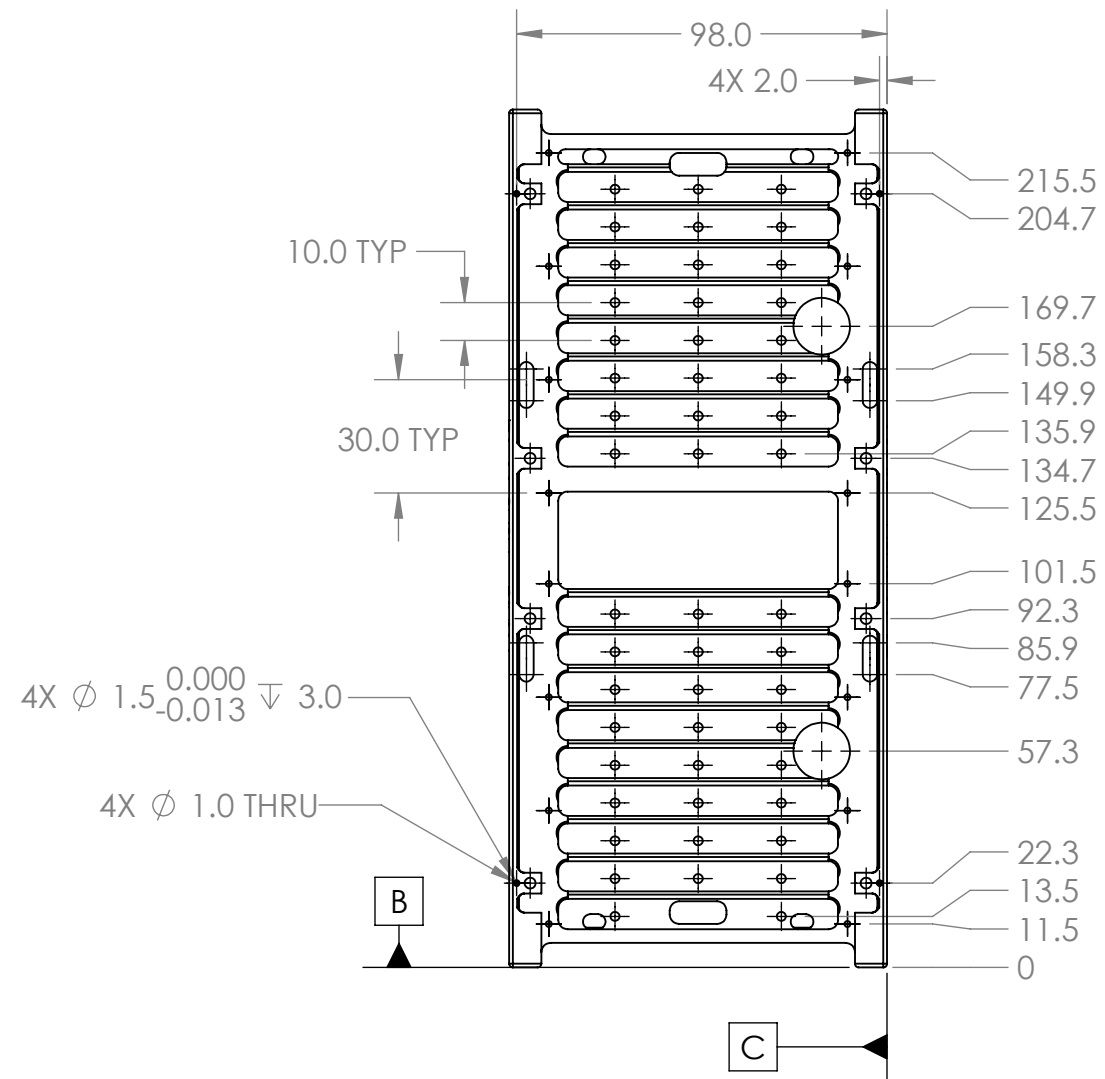
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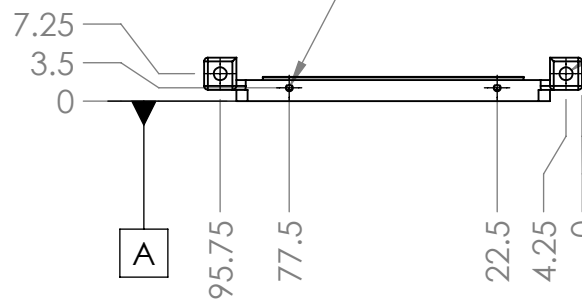
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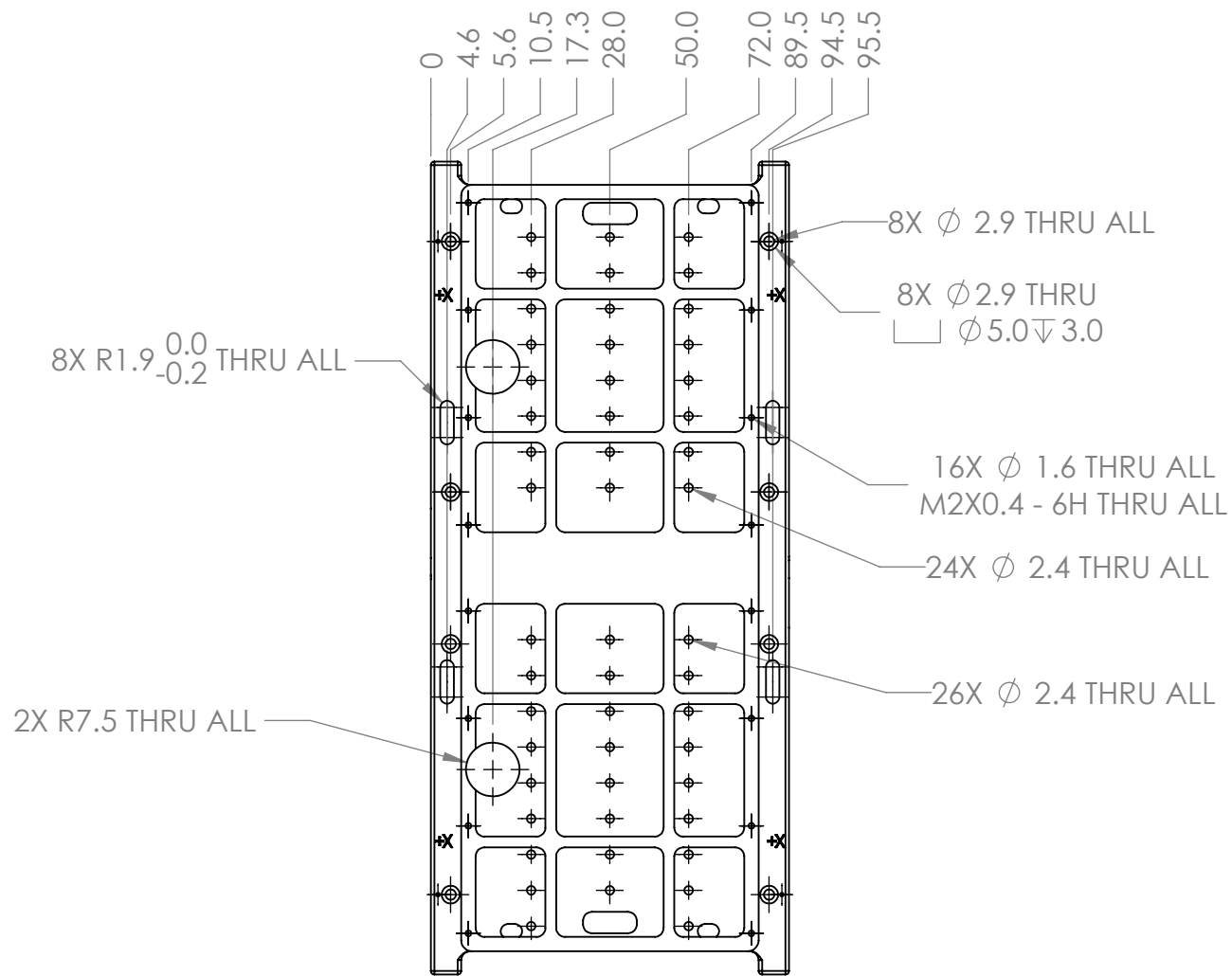
2X \varnothing 1.6[0.1] ∇ (4.0)[0.1]
M2X0.4 - 6H ∇ (4.0)[0.1]
BREACH FOR VENTING PURPOSES



2X \varnothing 1.6[0.1] ∇ (4.0)[0.1]
M2X0.4 - 6H ∇ (3.6)[0.1]
BREACH FOR VENTING PURPOSES



2X \varnothing 3.5 ∇ 12.4
8-36 UNF ∇ 10.3



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CHECKED	ANDREW GREENBERG	4/22/19
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MFG APPR.		

Description:
+X FRAME

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COMMENTS:

DWG. NO. plusX_Frame		
REV K	SIZE B	SCALE: 1:2 SHEET 4 OF 4

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