

4

3

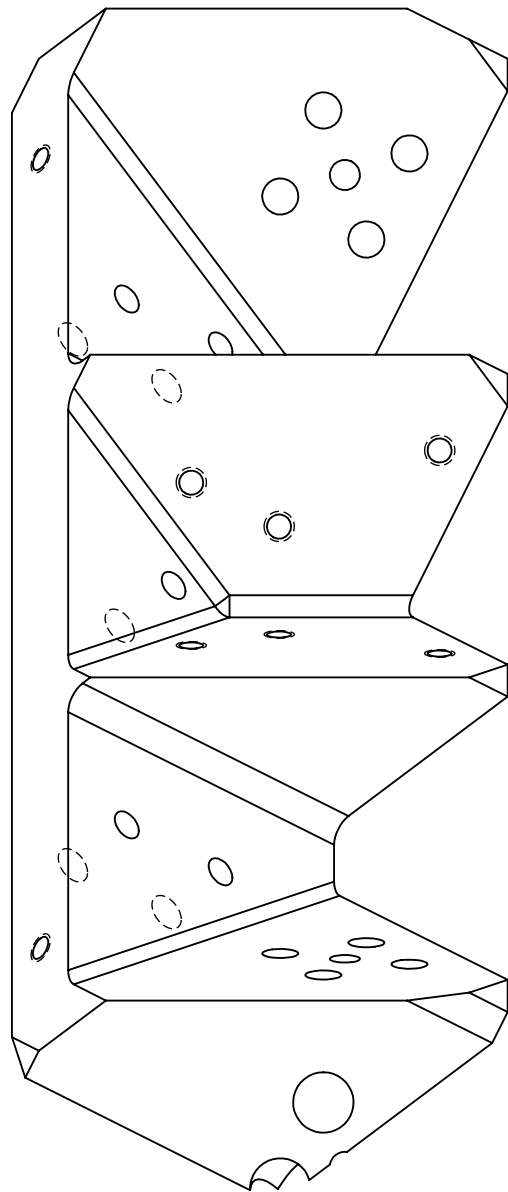
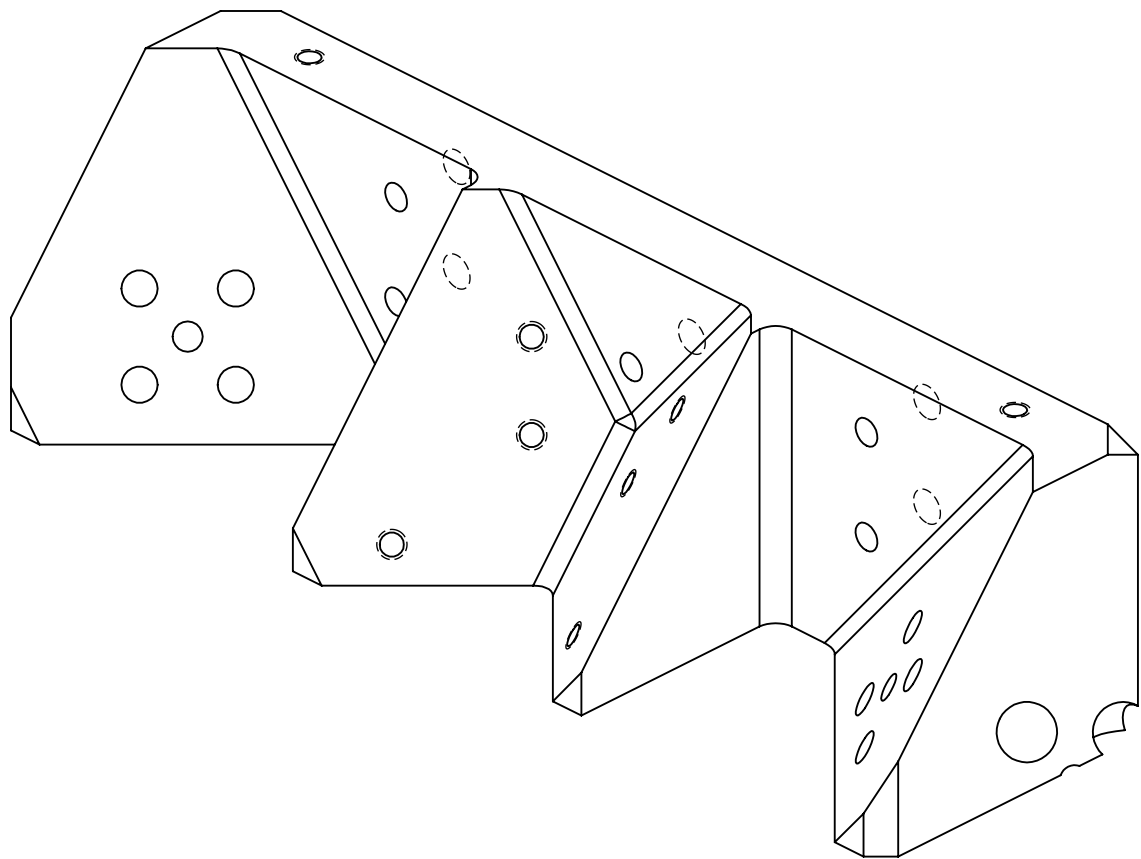
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
1

- GENERAL NOTES UNLESS OTHERWISE NOTED:
- 1. REFERENCE OreSat_MountngBeam.STEP FOR MODEL BASE DEF
 - 2. REMOVE ALL BURRS AND SHARP EDGES R0.050 MM MAX
 - 3. OVERALL PROFILE TOLERANCE

	0.1	A	B	C
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 TO A MINIMUM GRID OF 5MM UNLESS OTHERWISE SPECIFIED
 - 4. INTERNAL CORNERS RADIUS IS 0.2MM MAXIMUM
 - 5. MACHINE ALL TEXT WITH 90 DEG V BIT WITH DEPTH OF 0.2MM BEFORE ANODIZATION



		UNLESS OTHERWISE SPECIFIED		DRAWN BY		Hayden Reinhold		12/11/2021							
ANODIZATION BLACK TYPE II		<u>DECIMAL</u>		<u>ANGULAR</u>		CHECKED		12/11/2021							
MATERIAL 6061-T6 ALUMINUM		.X ± 0.1		.X ± 0.1		ENG APPR.									
		.XX ± 0.01		.XX ± 0.01		MFG APPR.									
FINISH 125 ✓		.XXX ± 0.005				Reaction Wheel Mounting Bracket				DWG. NO. OreSat Mounting Beam					
WEIGHT 48.87 grams															
		INTERPRET PER ASME Y14.5-2018				UNITS MM		REVISION A		FORMAT B		SCALE 2:1		PAGE 1/4	
		DO NOT SCALE DRAWING													

3

2

1

4

3

2

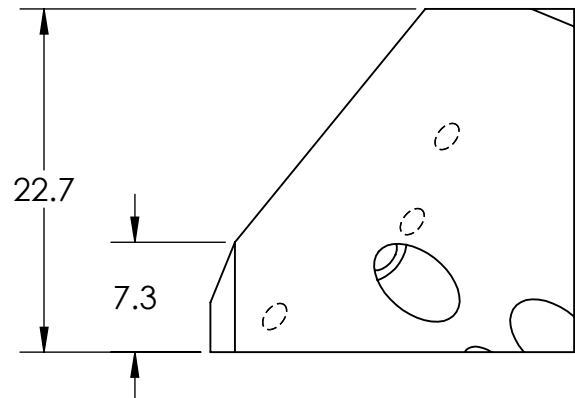
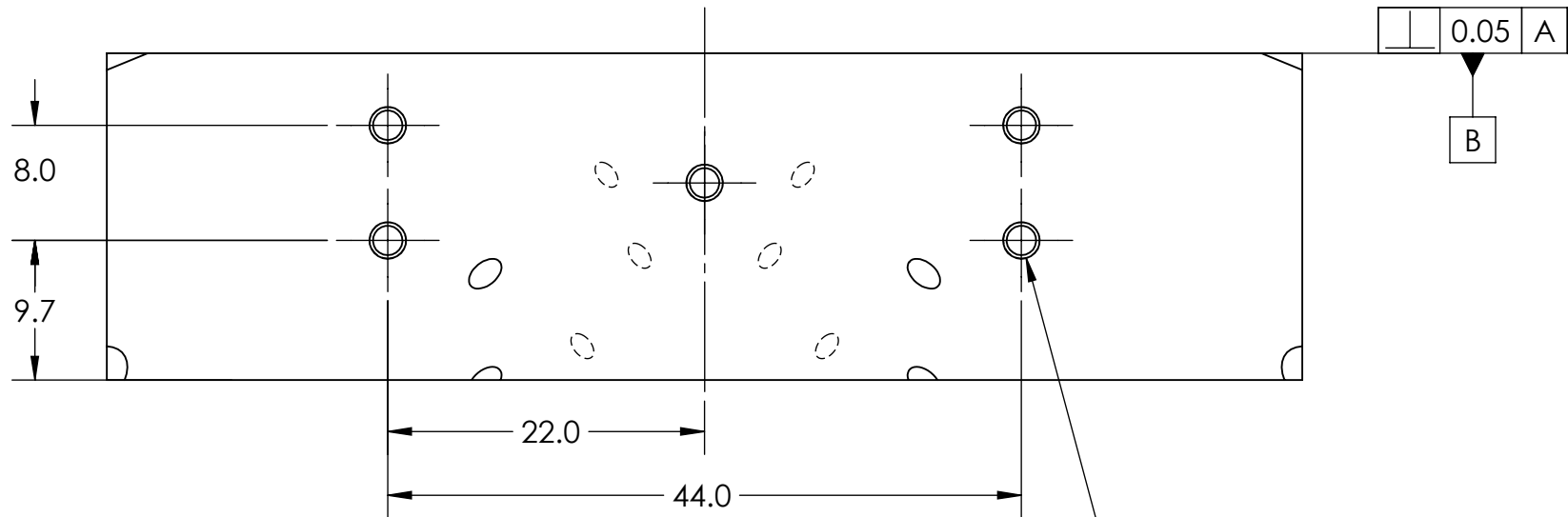
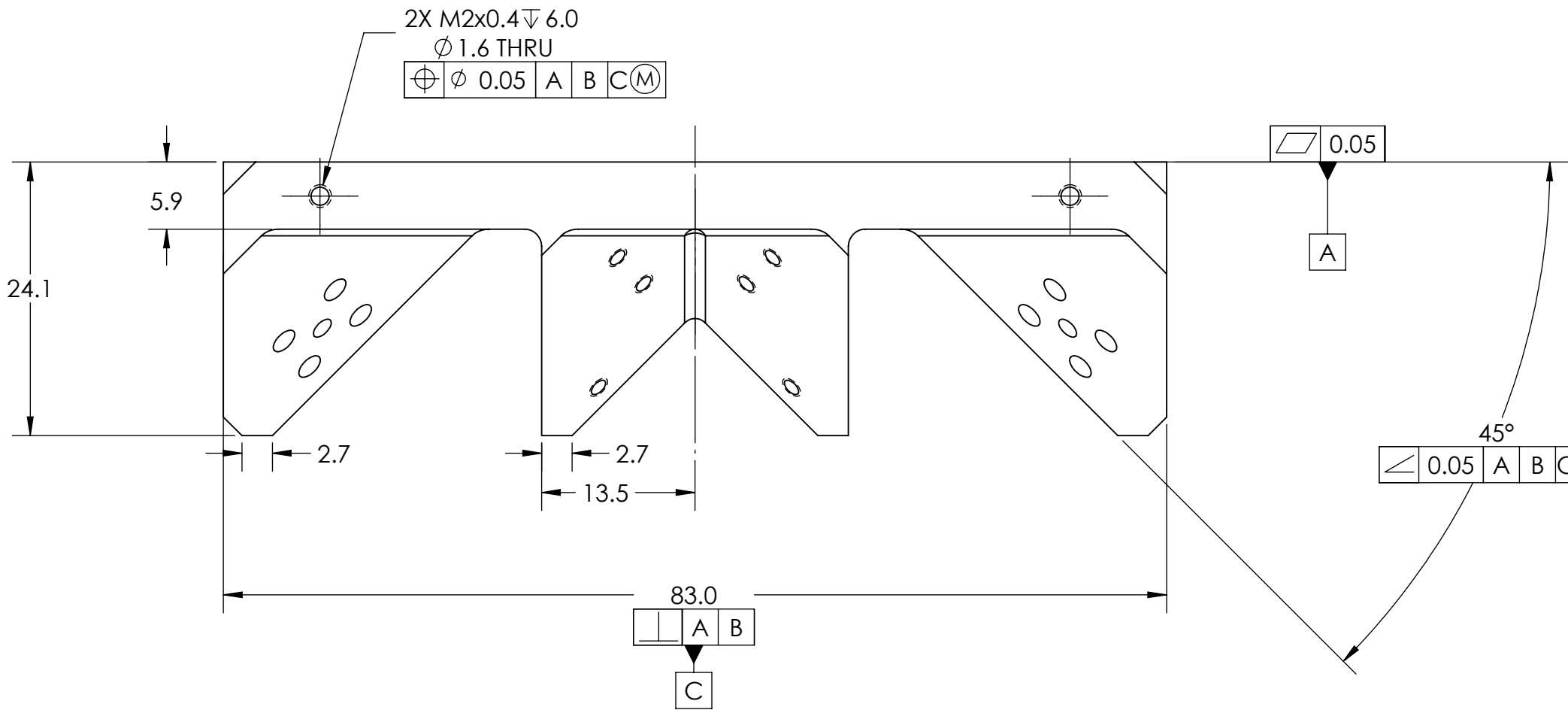
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B

B

A



A



3

2

1

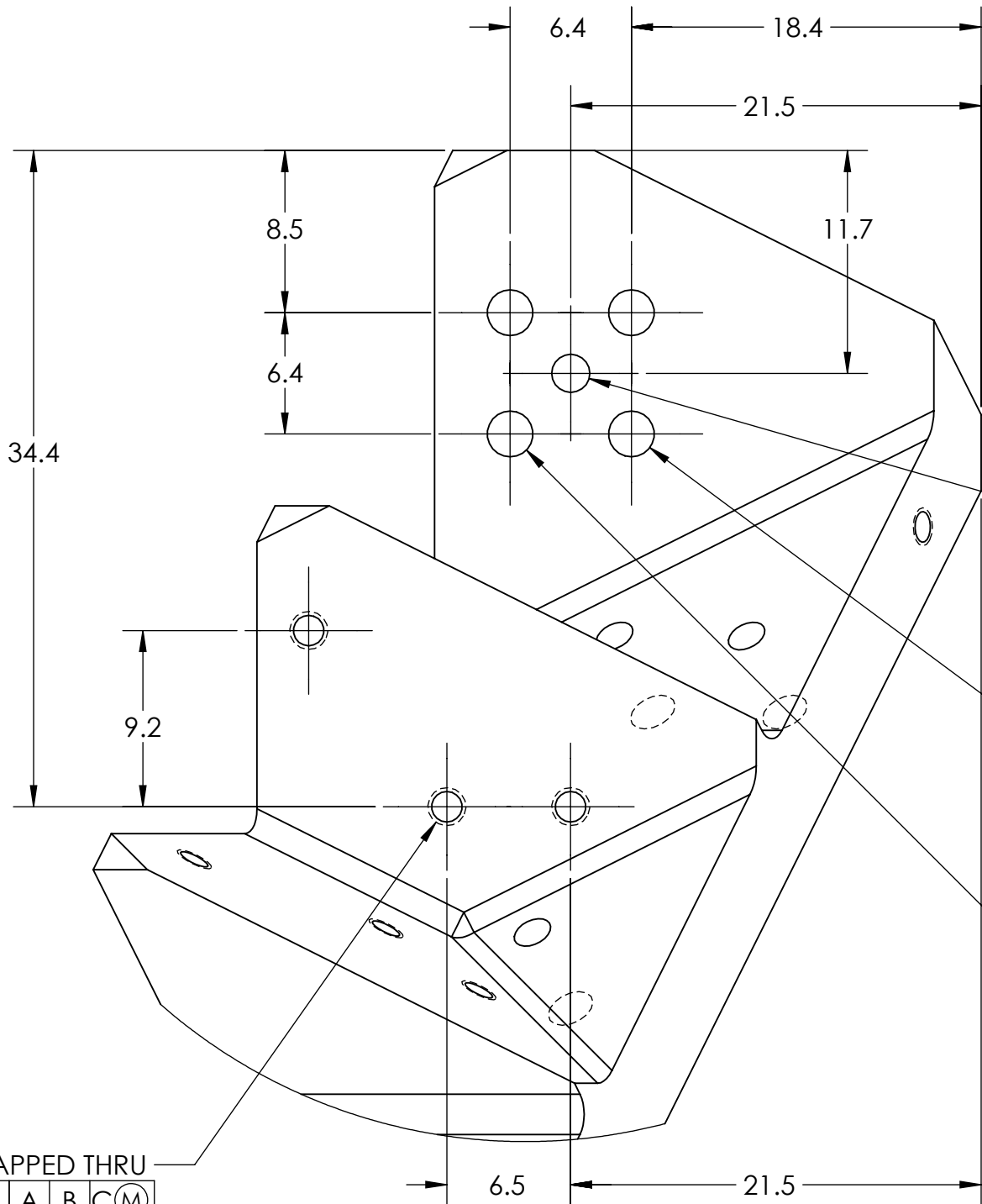
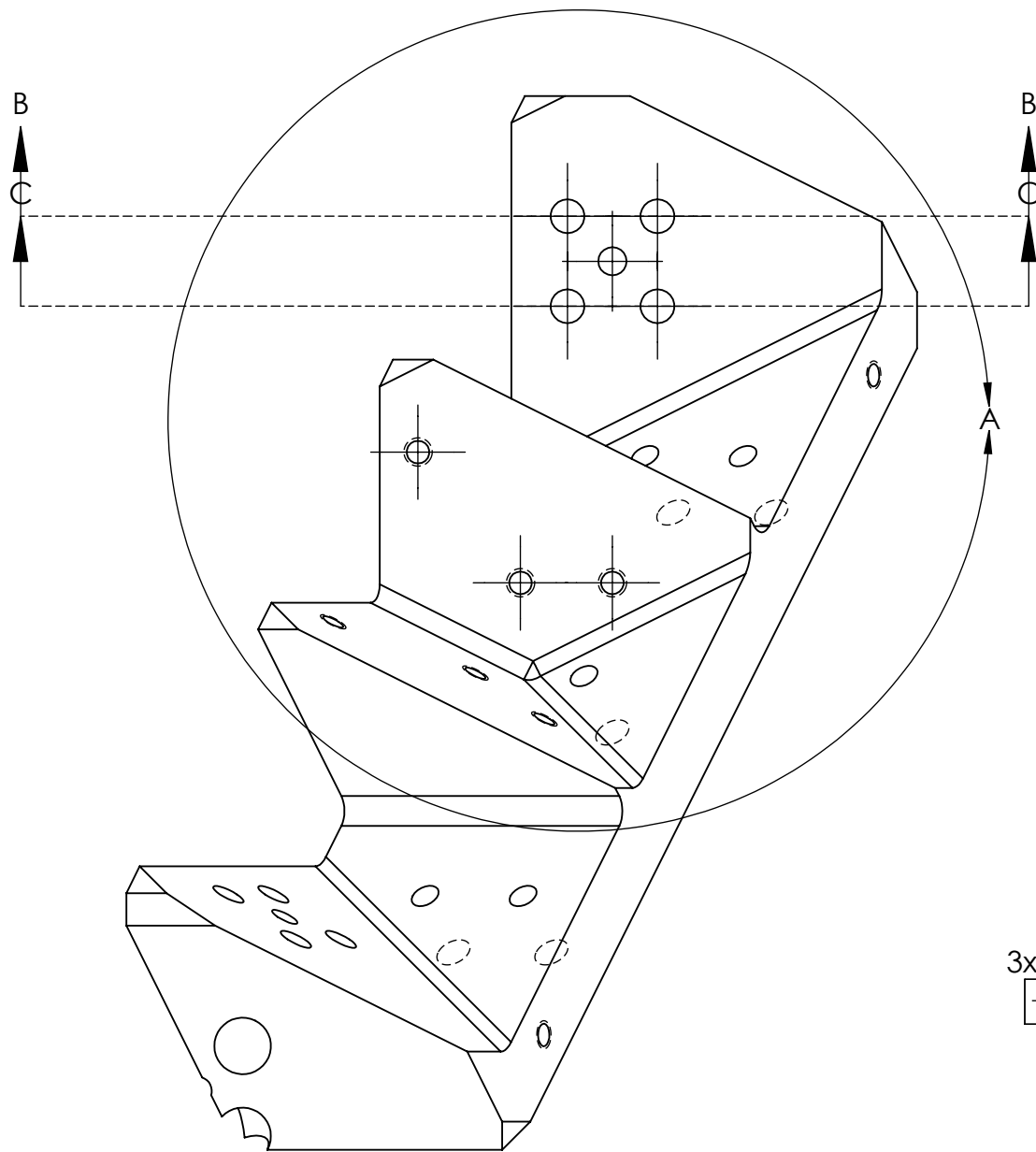
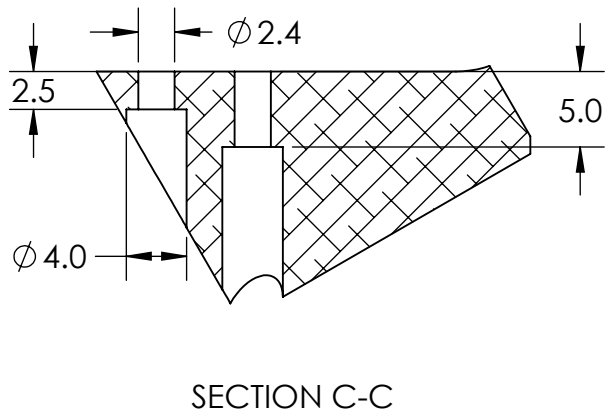
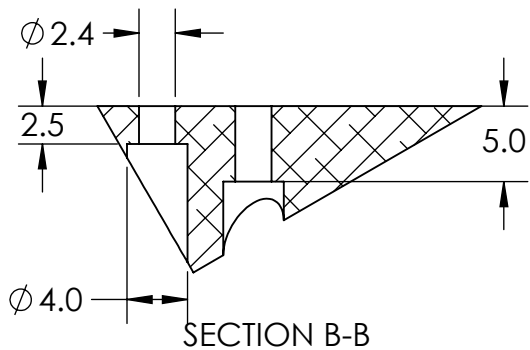
		UNLESS OTHERWISE SPECIFIED		DRAWN BY		Hayden Reinhold		12/11/2021							
ANODIZATION BLACK TYPE II		<u>DECIMAL</u>		<u>ANGULAR</u>		CHECKED		12/11/2021							
		.X ± 0.1		.X ± 0.1		ENG APPR.									
		.XX ± 0.01		.XX ± 0.01		MFG APPR.									
MATERIAL 6061-T6 ALUMINUM		.XXX ± 0.005		Reaction Wheel Mounting Bracket						DWG. NO.					
FINISH 125 ✓		INTERPRET PER ASME Y14.5-2018										UNITS MM		REVISION A	
WEIGHT 48.87		DO NOT SCALE DRAWING													

4

3

2

1





Ø 2.0 THRU
⊕ Ø 0.05 A B C (M)

2X Ø 2.4 ∇ 5.0
Ø 4.0 THRU (Far Side)
⊕ Ø 0.05 A B C (M)

2X Ø 2.4 ∇ 2.5
Ø 4.0 THRU (Far Side)
⊕ Ø 0.05 A B C (M)

3x M2x0.4 TAPPED THRU
⊕ Ø 0.05 A B C (M)

UNLESS OTHERWISE SPECIFIED		DRAWN BY		Hayden Reinhold		12/11/2021							
ANODIZATION BLACK TYPE II		CHECKED				12/11/2021							
MATERIAL 6061-T6 ALUMINUM		ENG APPR.											
FINISH SCALE 3/1		MFG APPR.											
DETAIL A SCALE 3/1		Reaction Wheel Mounting Bracket				DWG. NO. OreSat Mounting Beam							
WEIGHT 48.87				UNITS MM		REVISION A		FORMAT B		SCALE 2:1		PAGE 3/4	
		DO NOT SCALE DRAWING											

3

2

1

4

3

2

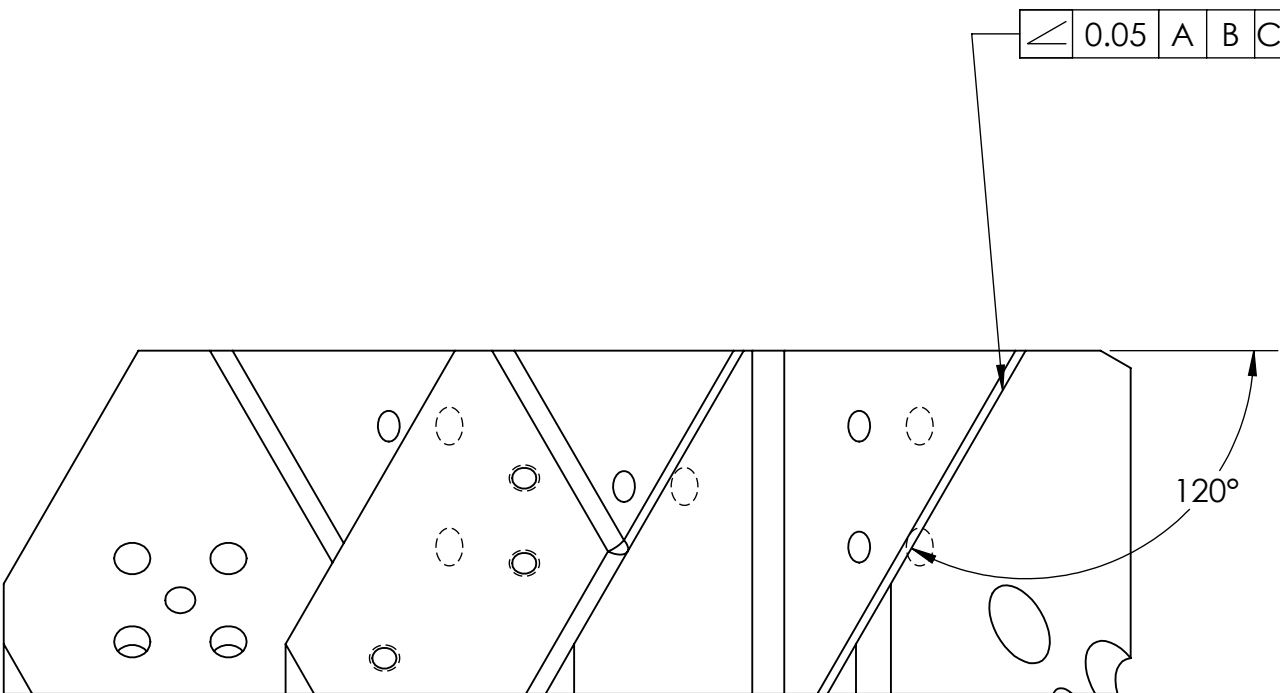
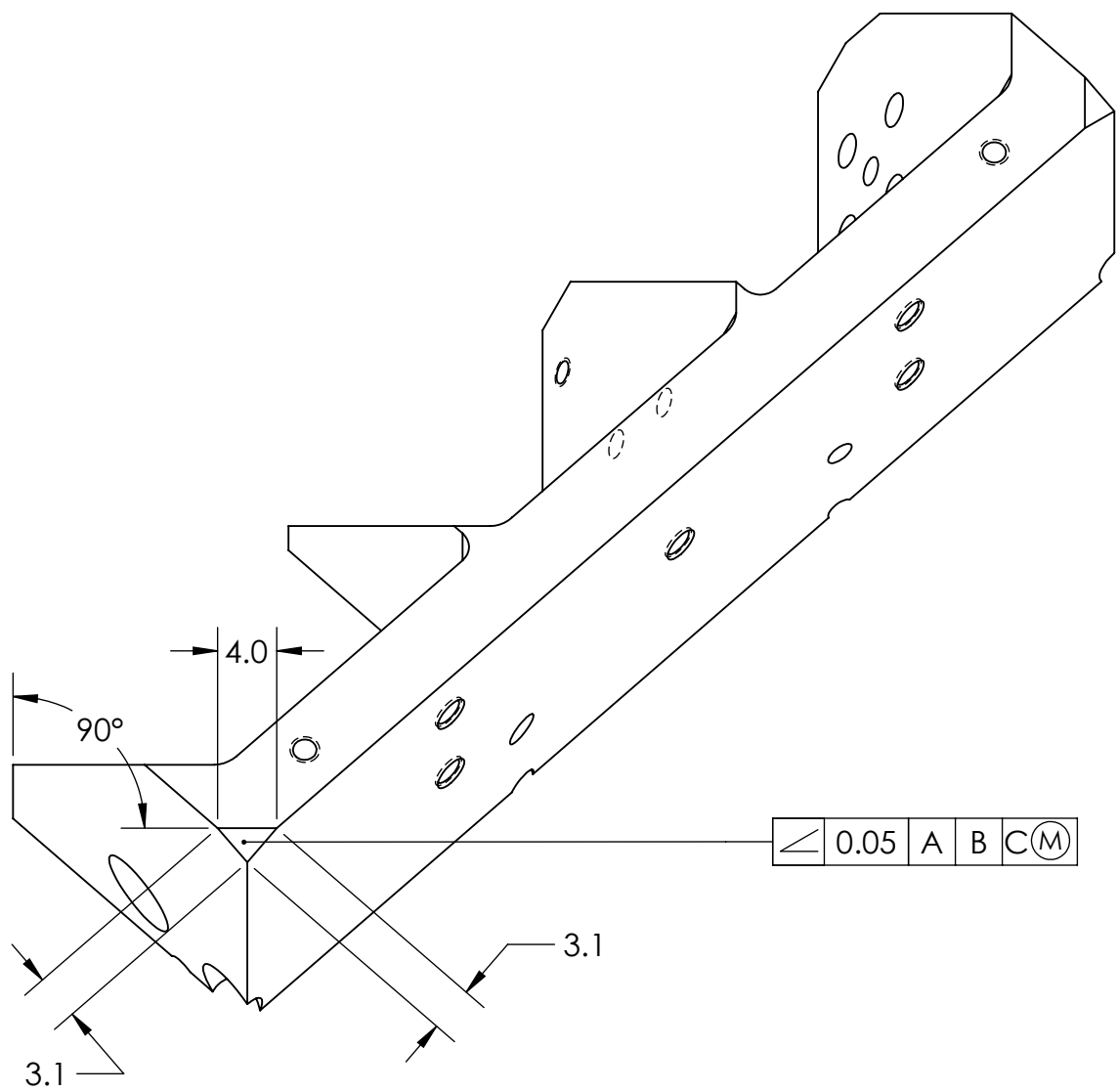
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B

B

A

A



		UNLESS OTHERWISE SPECIFIED		DRAWN BY		Hayden Reinhold		12/11/2021			
ANODIZATION BLACK TYPE II		<u>DECIMAL</u>		<u>ANGULAR</u>		CHECKED		12/11/2021			
MATERIAL 6061-T6 ALUMINUM		.X ± 0.1 .XX ± 0.01 .XXX ± 0.005		.X ± 0.1 .XX ± 0.01		ENG APPR.					
FINISH 125						MFG APPR.					
WEIGHT 48.87						Reaction Wheel Mounting Bracket				DWG. NO. OreSat Mounting Beam	
		INTERPRET PER ASME Y14.5-2018				UNITS MM	REVISION A	FORMAT B	SCALE 2:1	PAGE 4/4	
		DO NOT SCALE DRAWING									

4

3

2

1