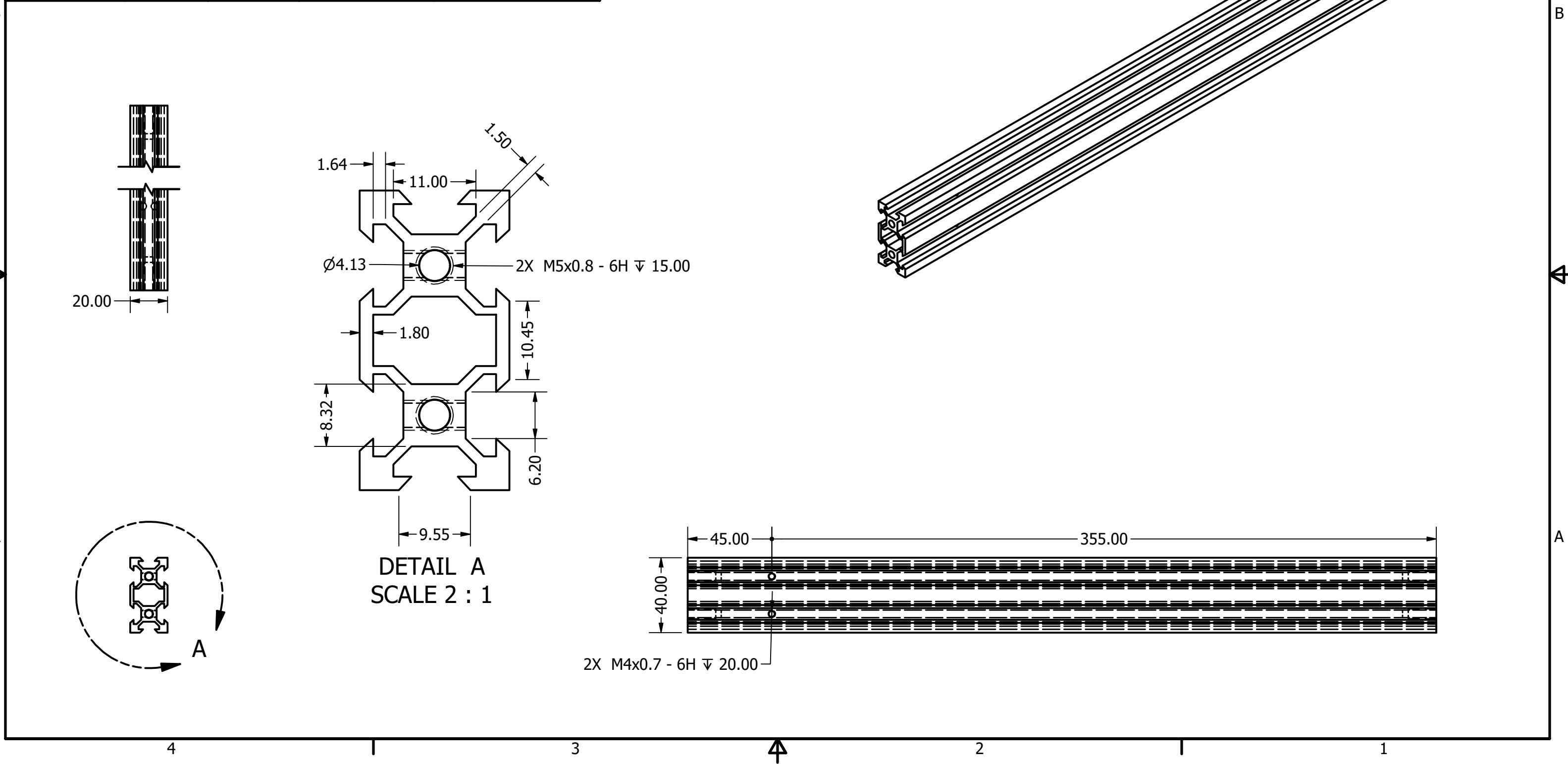


# 2040 Left Profile

DRAWN	Richard Malstrom	4/28/2025
CHECKED		
QA		
MFG		
APPROVED		2040 Left Profile
	SIZE B	DWG NO E3D-EXT-003
	SCALE 1 / 2	REV 1
	SHEET 1 OF 1	

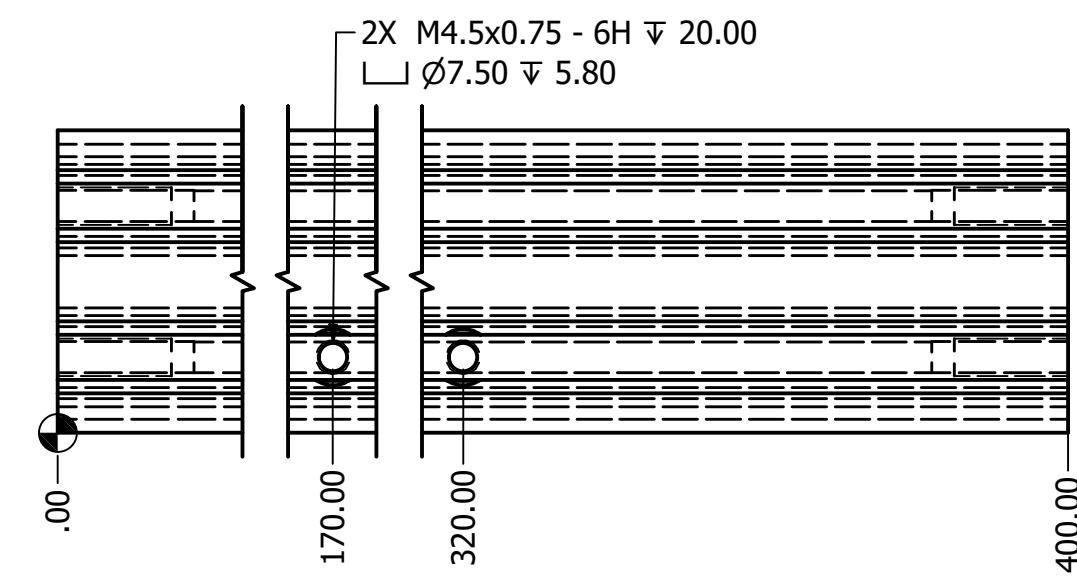
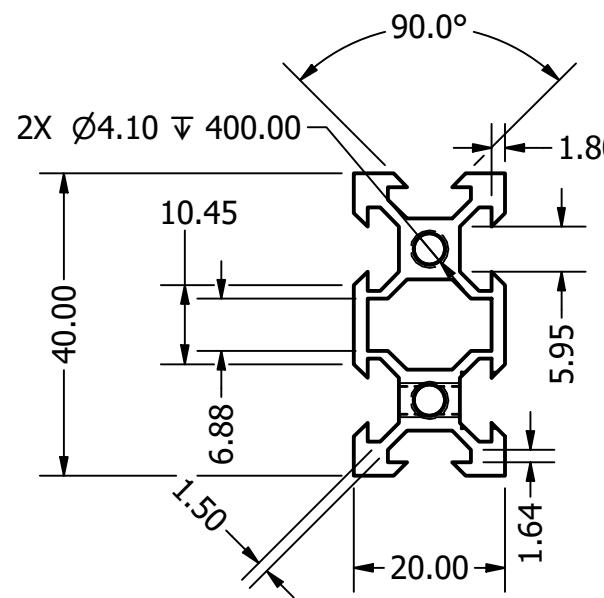
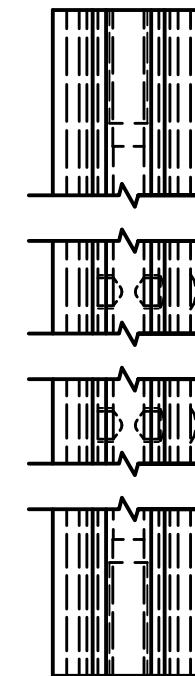
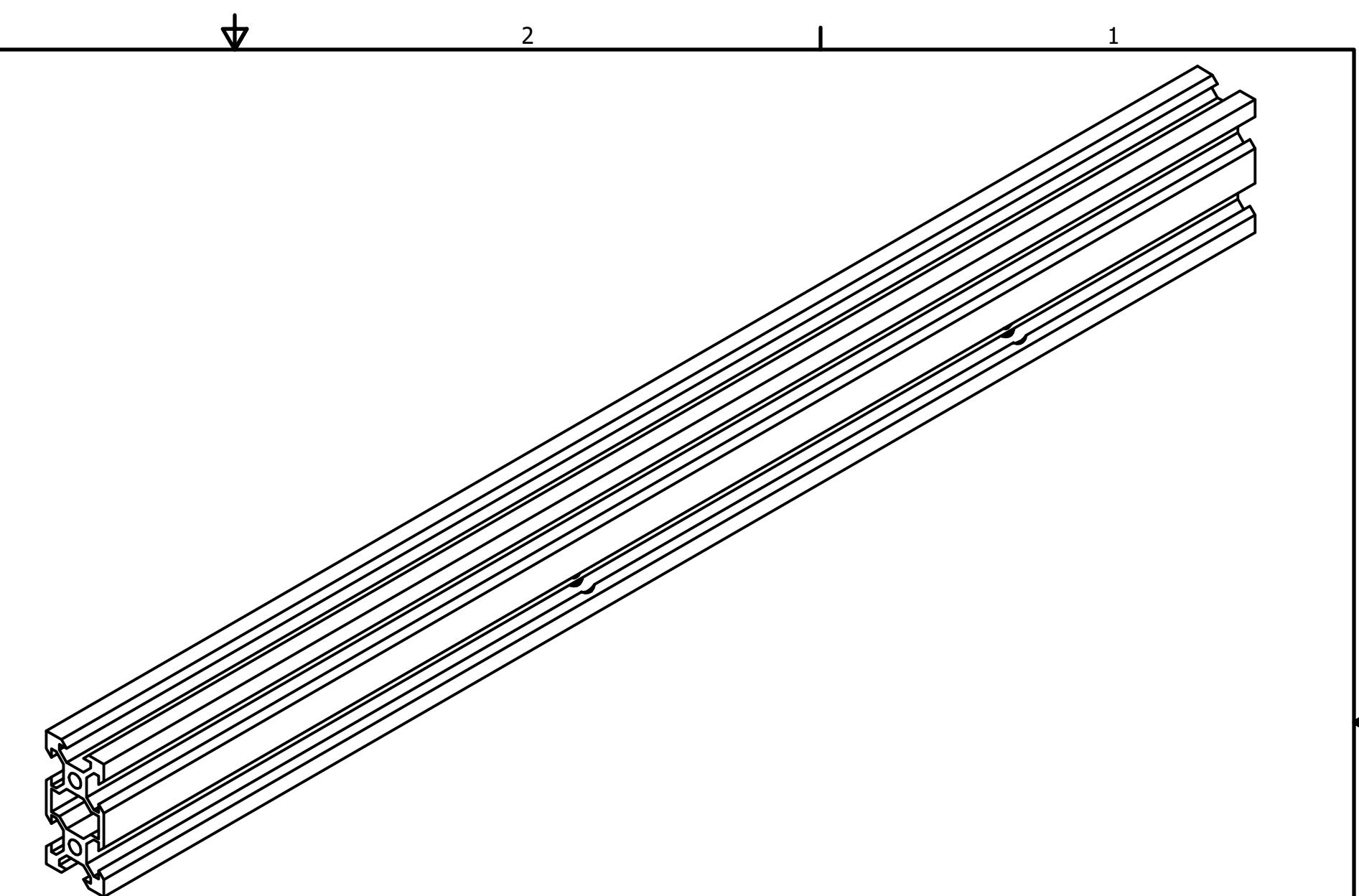
Pennwest California



# 2040 Right Profile

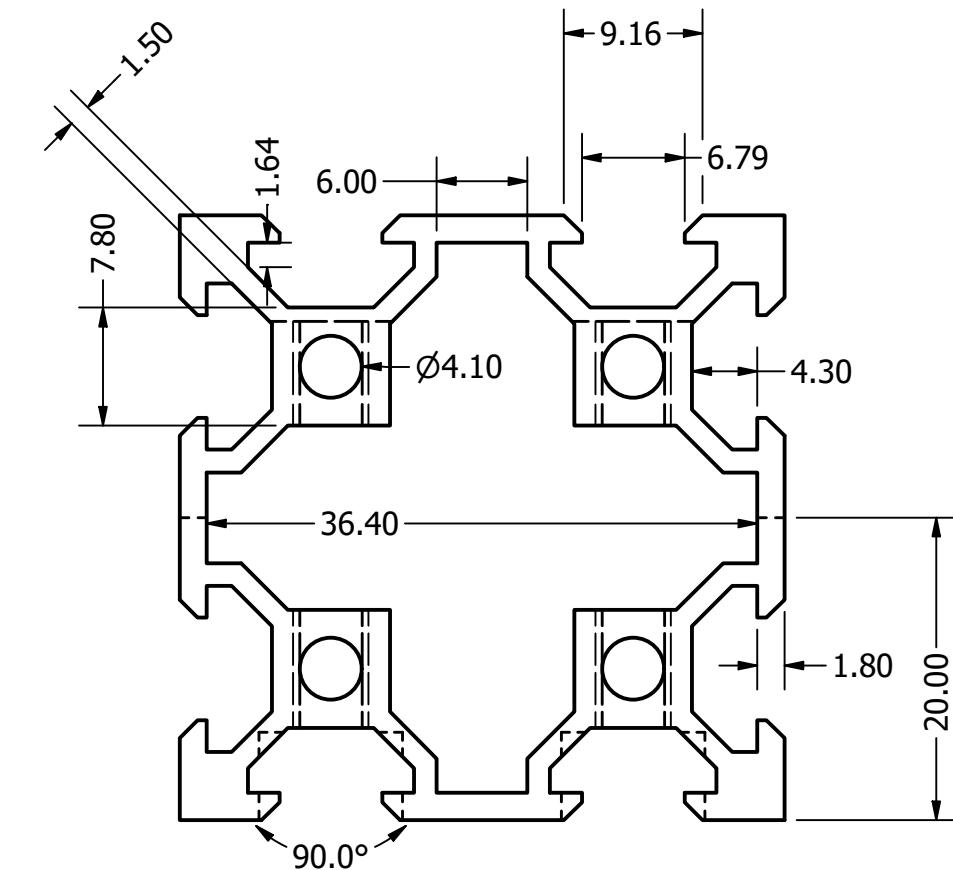
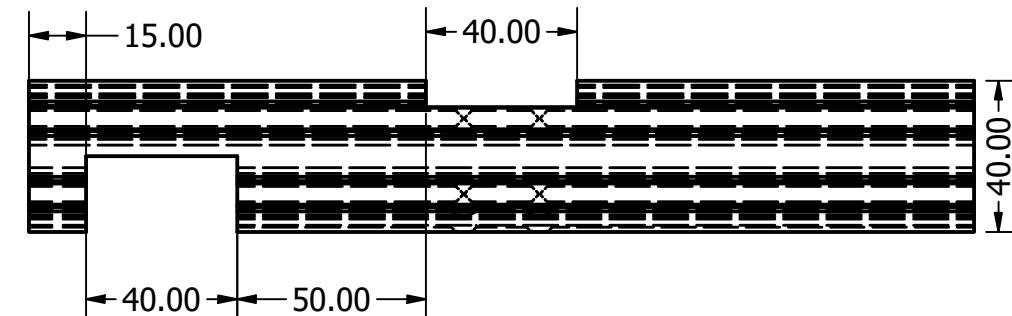
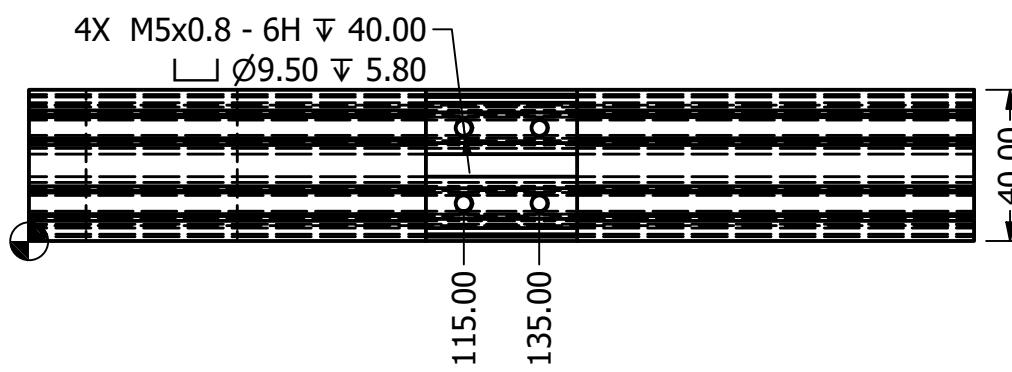
DRAWN	Richard Malstrom	4/19/2025
CHECKED		
QA		
MFG		
APPROVED		
	TITLE	
	2040 Profile	
	SIZE B	DWG NO E3D-EXT-004
	SCALE 1 : 1	REV 1
	SHEET 1 OF 1	

Pennwest California

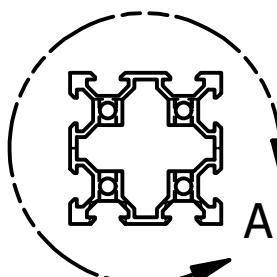
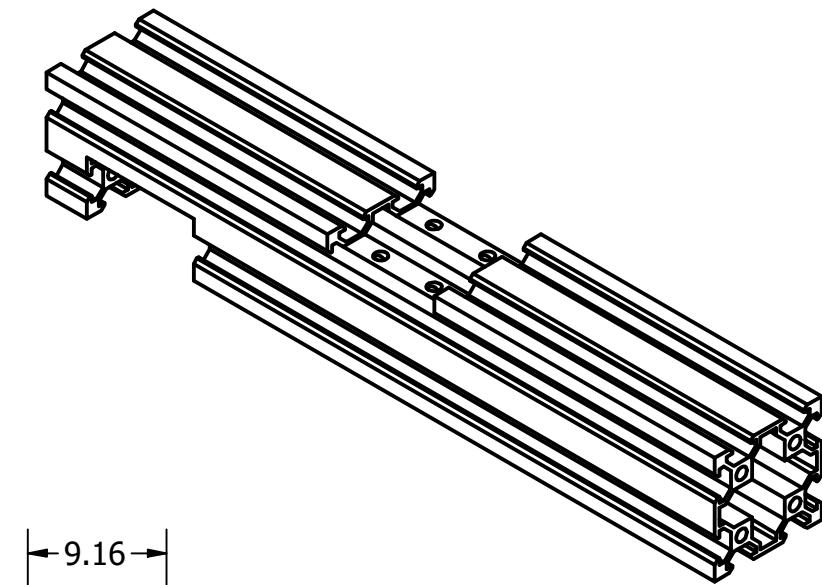


# 4040 Central Profile

DRAWN	Richard Malstrom	4/28/2025
CHECKED		
QA		
MFG		
APPROVED		
SIZE	B	DWG NO
		E3D-EXT-005
SCALE	1 / 2	REV
		1
		SHEET 1 OF 1



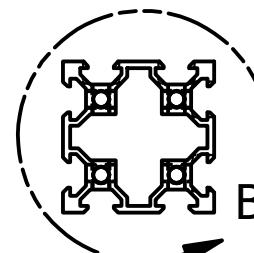
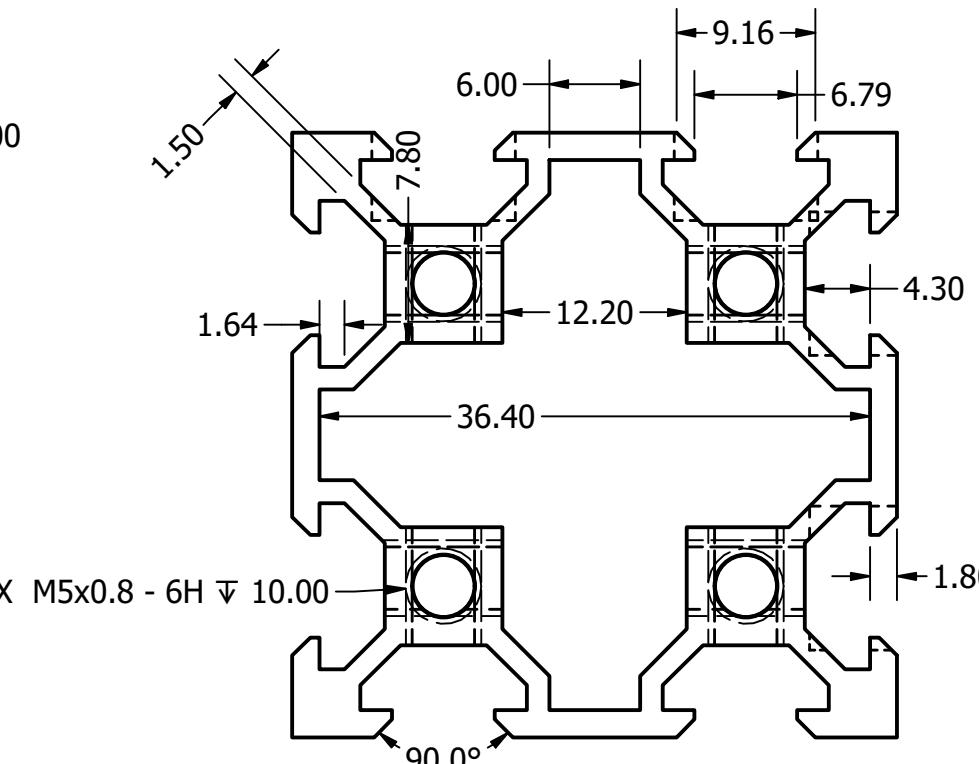
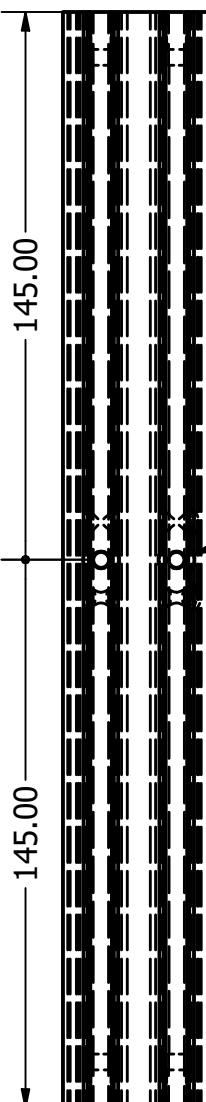
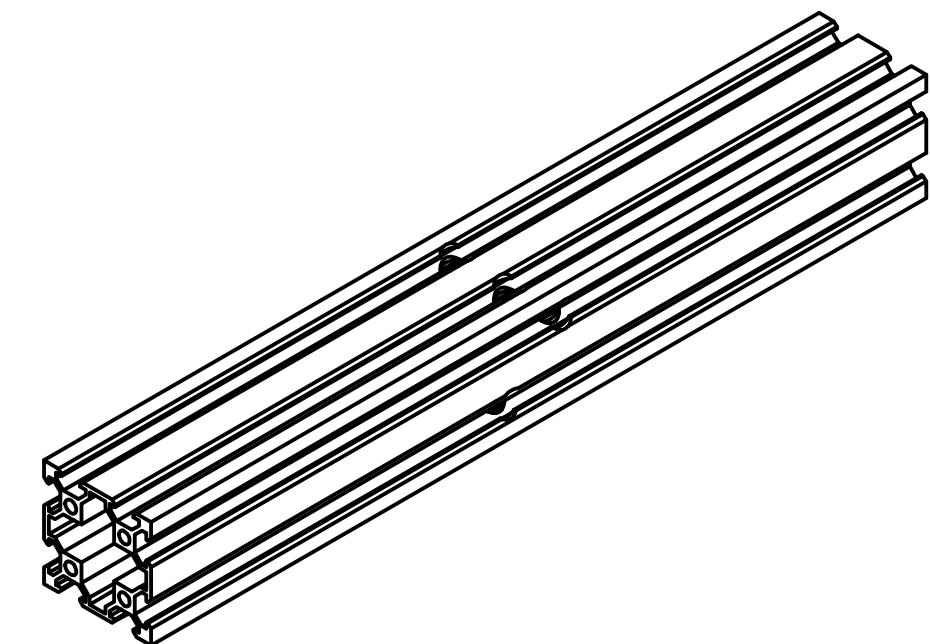
DETAIL A  
SCALE 2 : 1



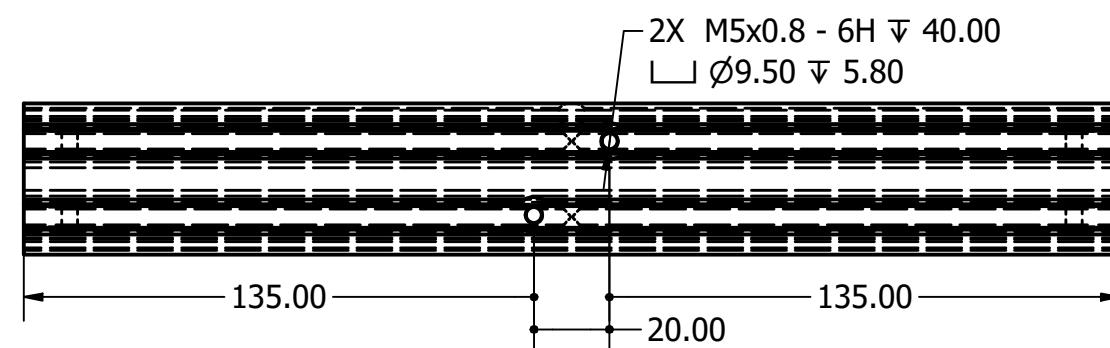
# 4040 Left Profile

DRAWN	Richard Malstrom	4/28/2025
CHECKED		
QA		
MFG		
APPROVED		
	TITLE	
	4040 Left Profile	
	SIZE	DWG NO
	B	E3D-EXT-006
	SCALE	REV
	1 / 2	1
	SHEET 1 OF 1	

Pennwest California



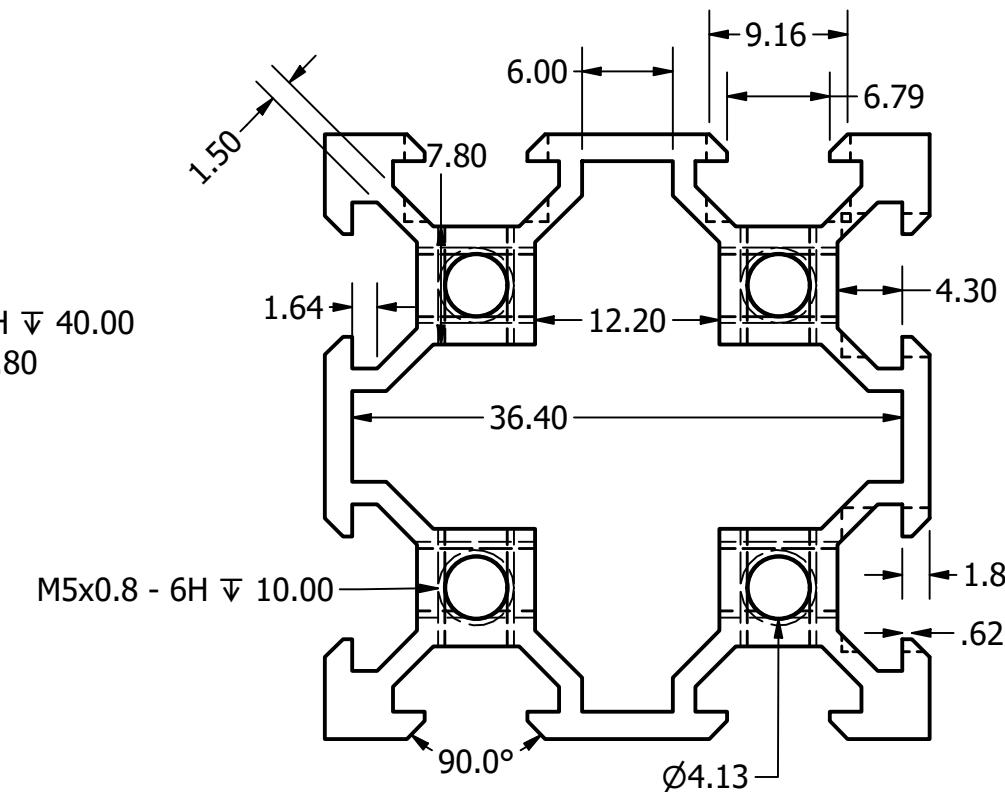
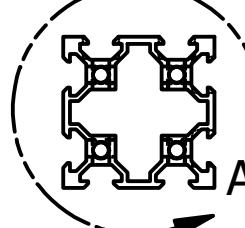
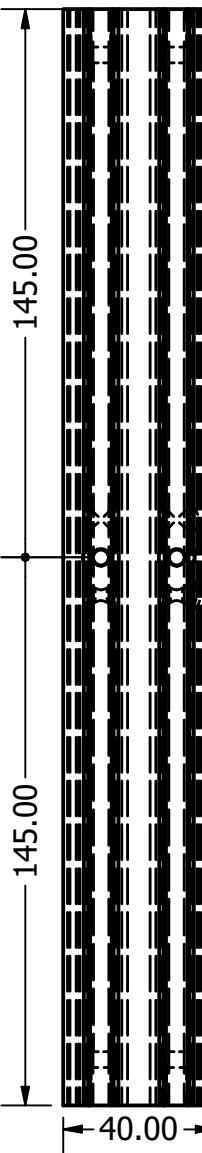
DETAIL B  
SCALE 2 : 1



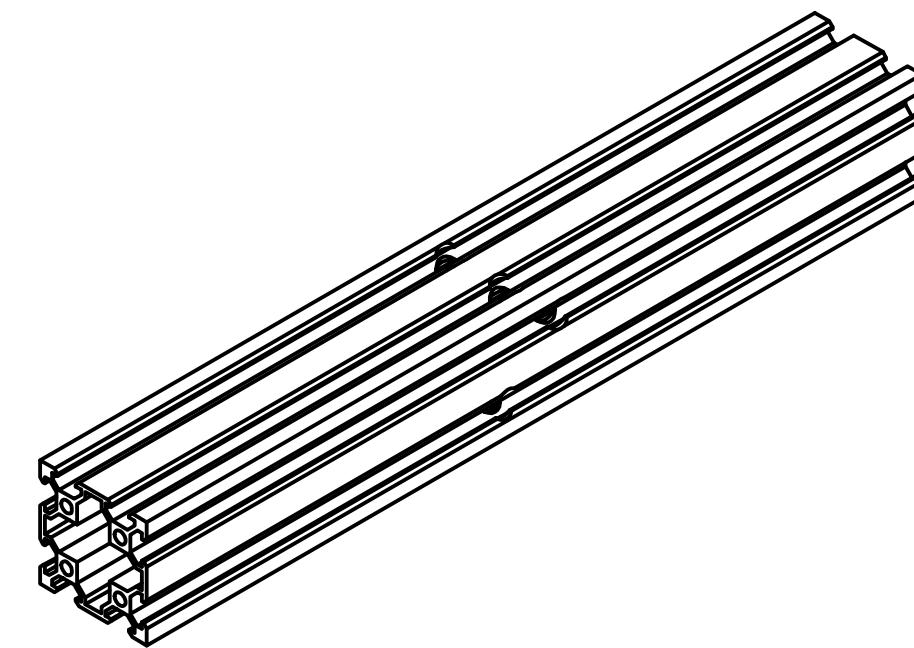
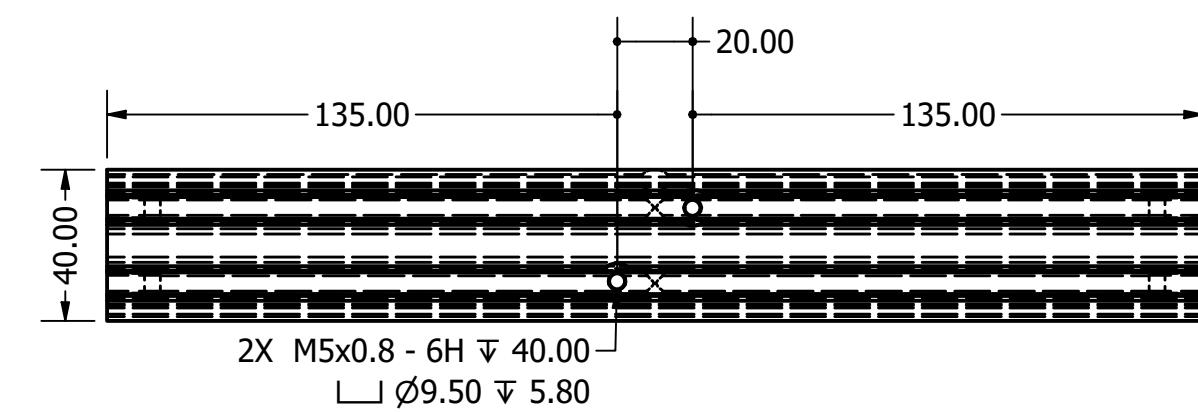
# 4040 Right Profile

DRAWN	Richard Malstrom	4/28/2025
CHECKED		
QA		
MFG		
APPROVED		
TITLE	4040 Right Profile	
SIZE	B	DWG NO
		E3D-EXT-007
REV		1
SCALE	1 / 2	SHEET 1 OF 1

Pennwest California



DETAIL A  
SCALE 2 : 1



DRAWN  
Richard Malstrom 4/26/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Belt Tension Rollers

SIZE

A

DWG NO

E3D-BRG-002

REV

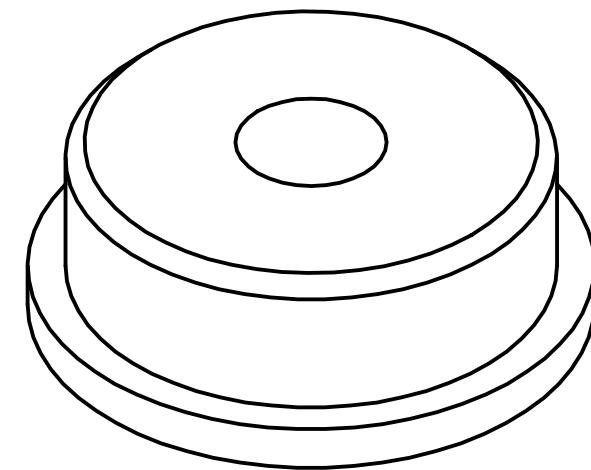
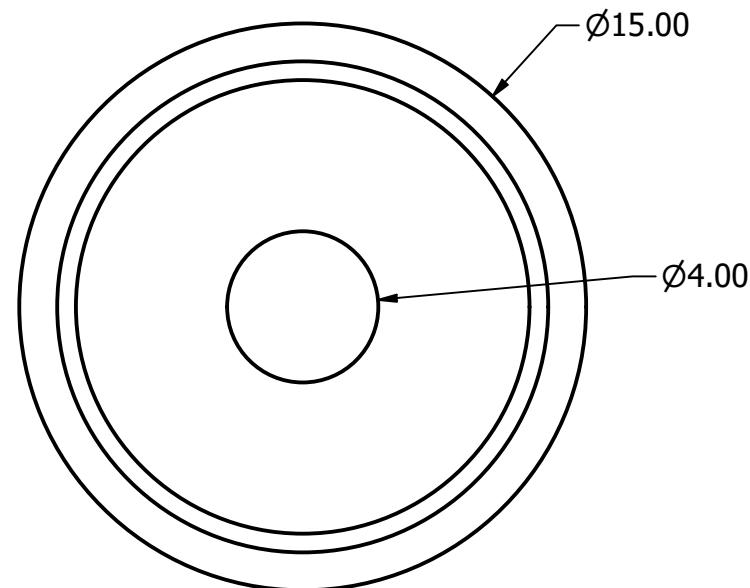
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SCALE

5 : 1

SHEET 1 OF 1

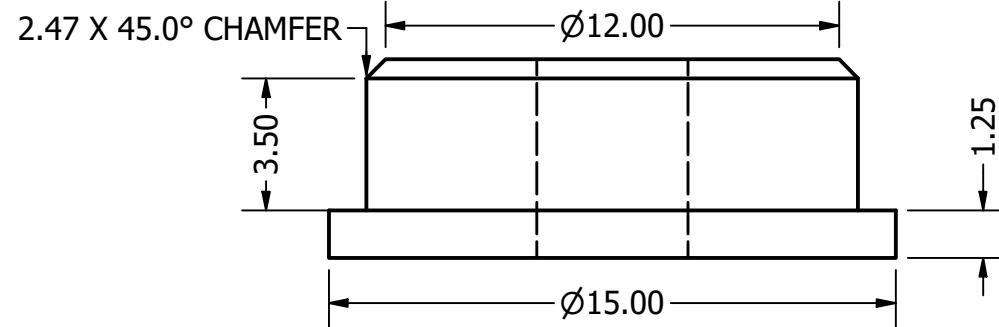
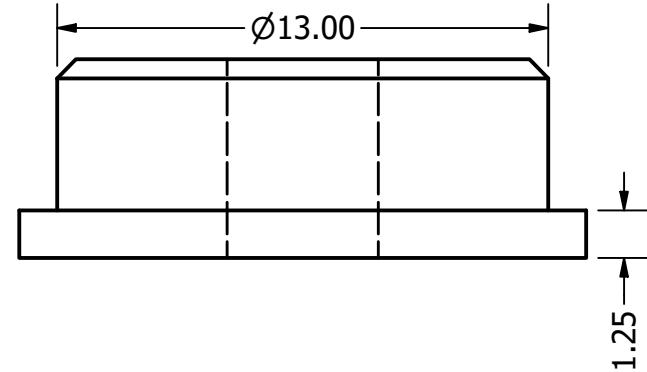
B



2

4

A



B

A

2

1

DRAWN  
Richard Malstrom 4/19/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Build Plate Rubber Supports

SIZE

A

DWG NO

E3D-SPC-003

REV

1

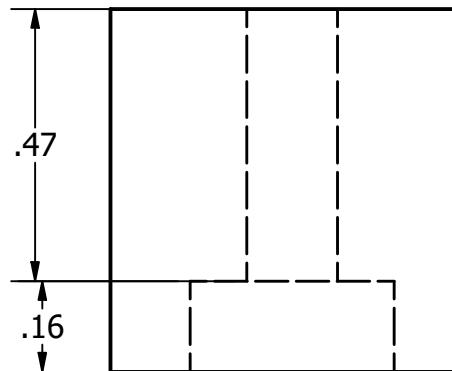
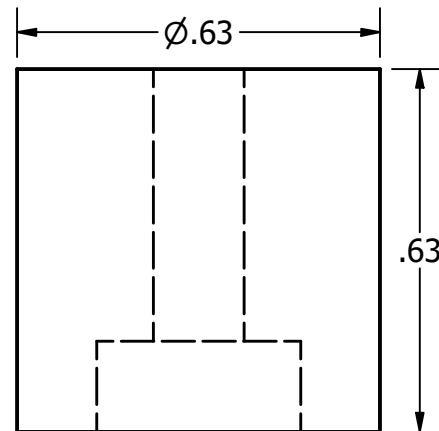
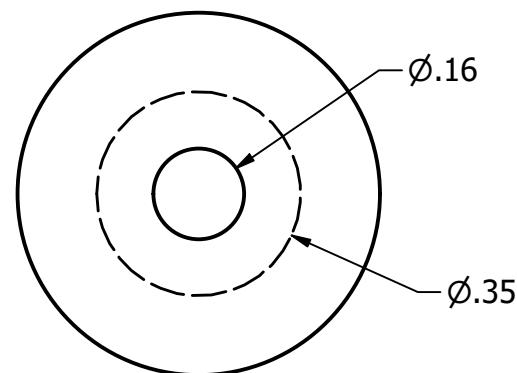
SCALE

3 : 1

SHEET 1 OF 1

B

B



2

1

DRAWN  
Richard Malstrom 4/19/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Build Plate

SIZE

A

DWG NO

E3D-BSF-002

REV

1

SCALE

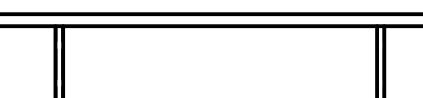
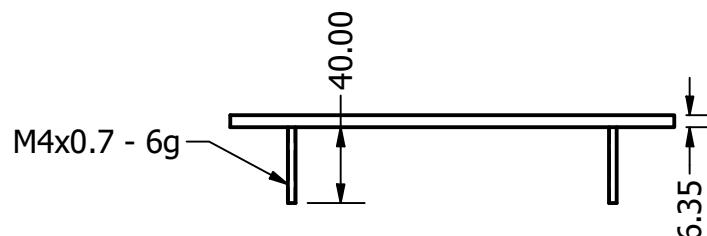
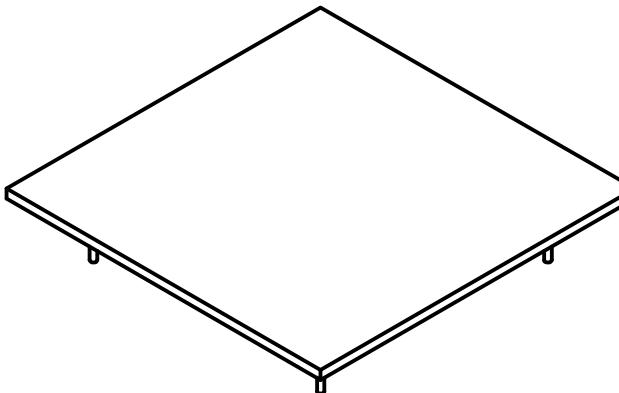
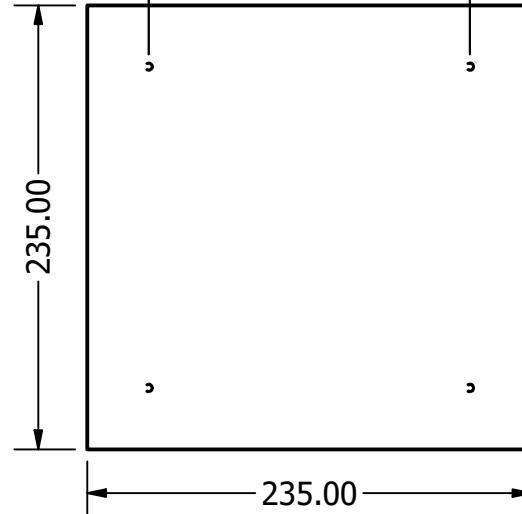
1 / 4

SHEET 1 OF 1

B

B

32.50 ← · · → 170.00 → 32.50

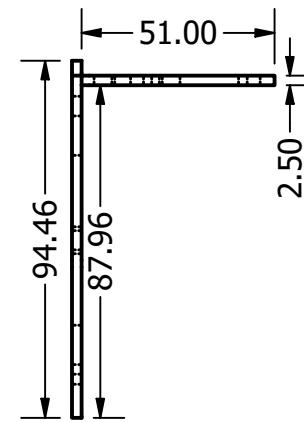
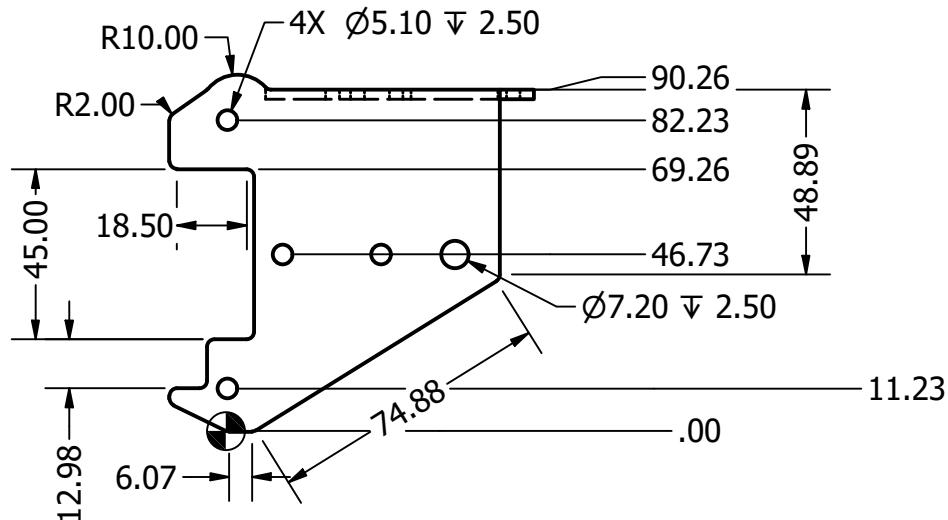
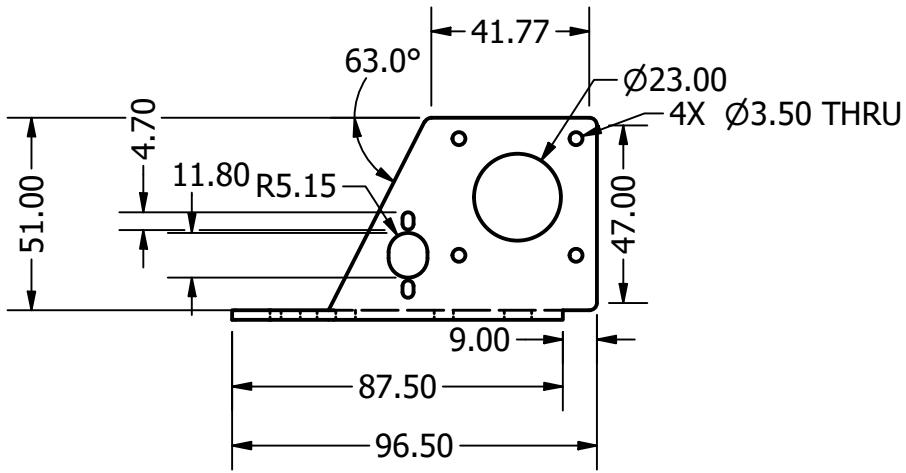
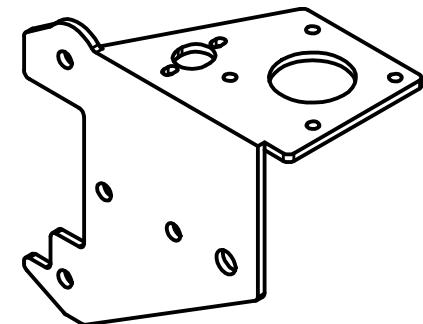


2

1

4

DRAWN Richard Malstrom	4/19/2025	Pennwest California		
CHECKED				
QA		TITLE		
MFG				
APPROVED		E Motor Bracket		
		SIZE A	DWG NO E3D-BKT-010	REV 1
		SCALE 1 / 2		SHEET 1 OF 1



# Eccentric Column

DRAWN  
Richard Malstrom 4/26/2025

CHECKED

QA

MFG

APPROVED

Pennwest California

1

TITLE

Eccentric Column

SIZE

A

DWG NO

E3D-SPC-002

REV

1

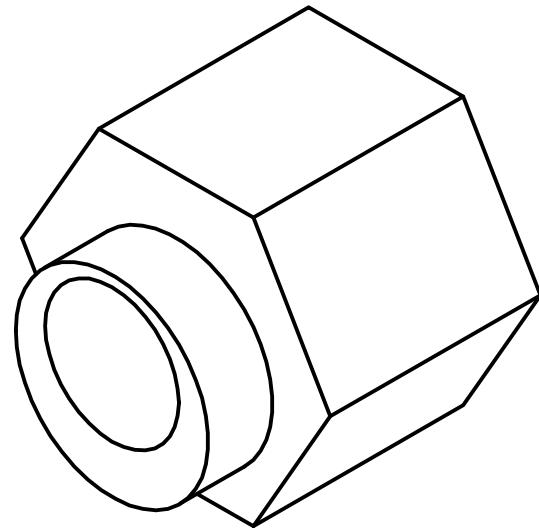
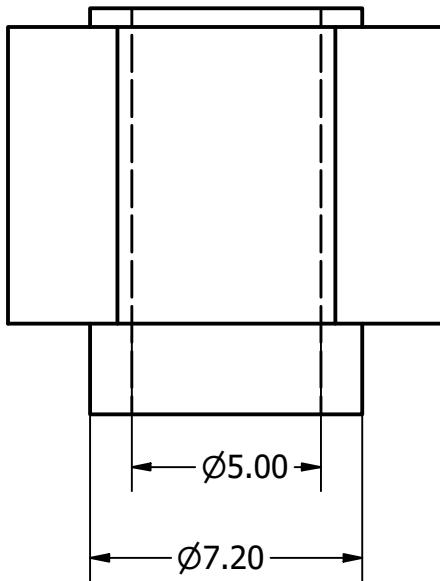
SCALE

5 : 1

SHEET 1 OF 1

B

B

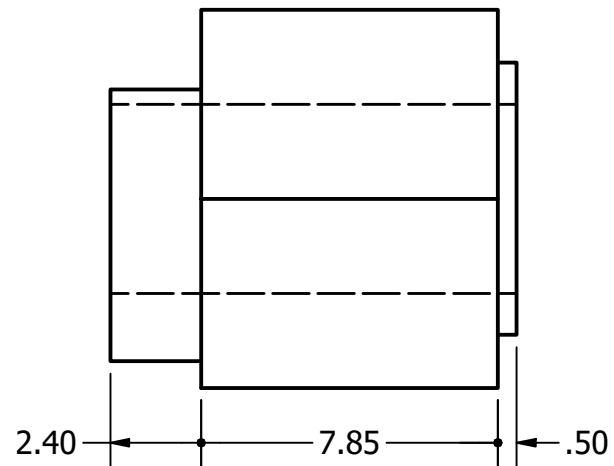
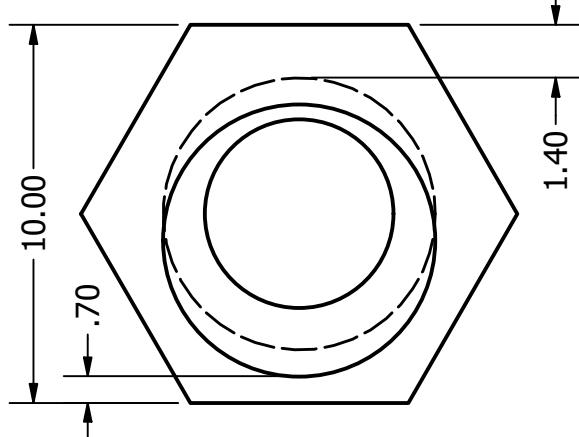


B

B

A

A



2

4

1

DRAWN	
Richard Malstrom	4/19/2025
CHECKED	
QA	
MFG	
APPROVED	

## Pennwest California

**TITLE**

## Extruder Plate

SIZE

SCALE

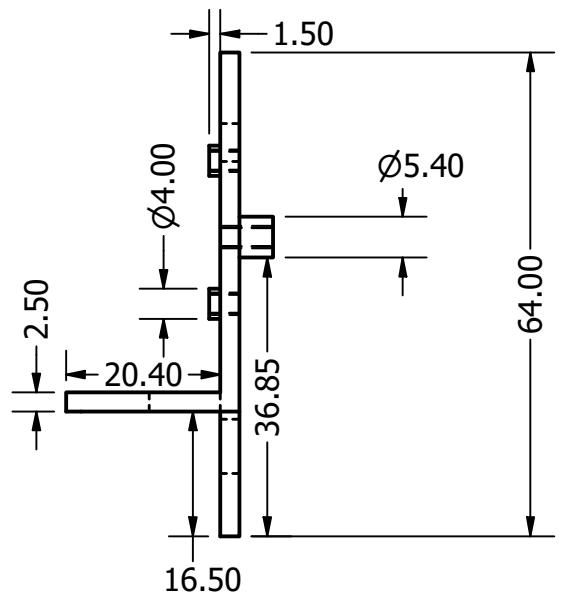
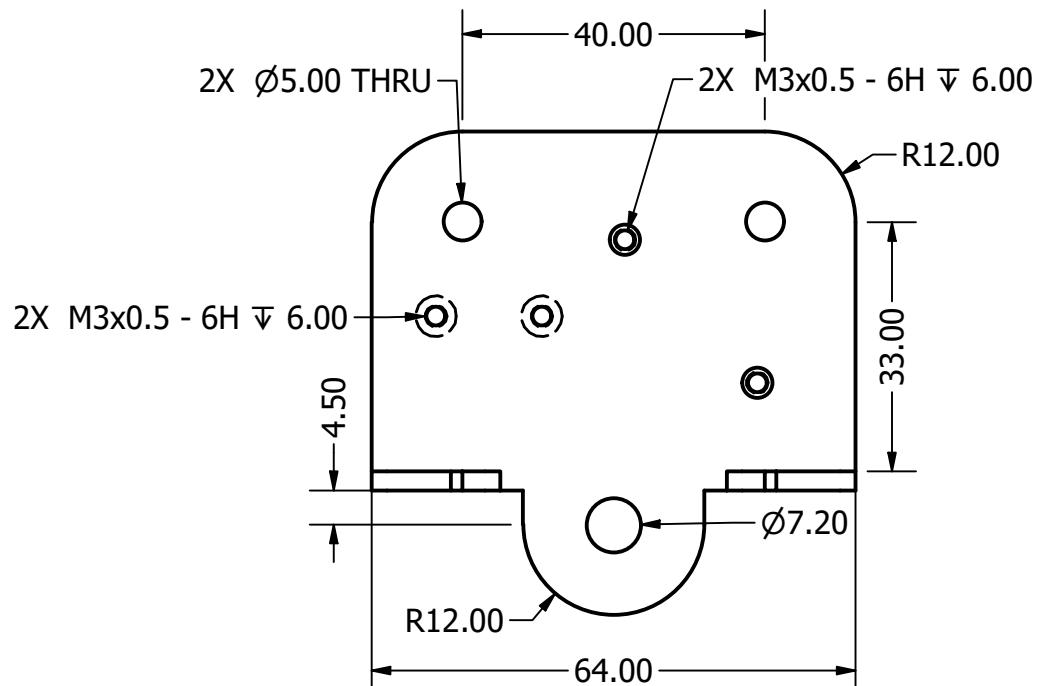
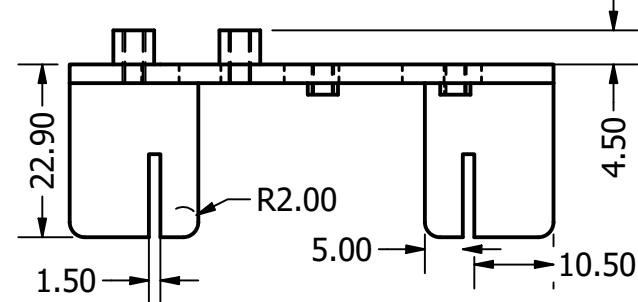
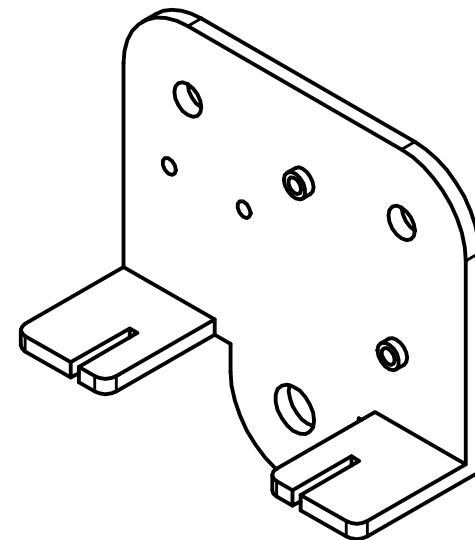
SCALE

DWG

E3D-PLT-003

REV

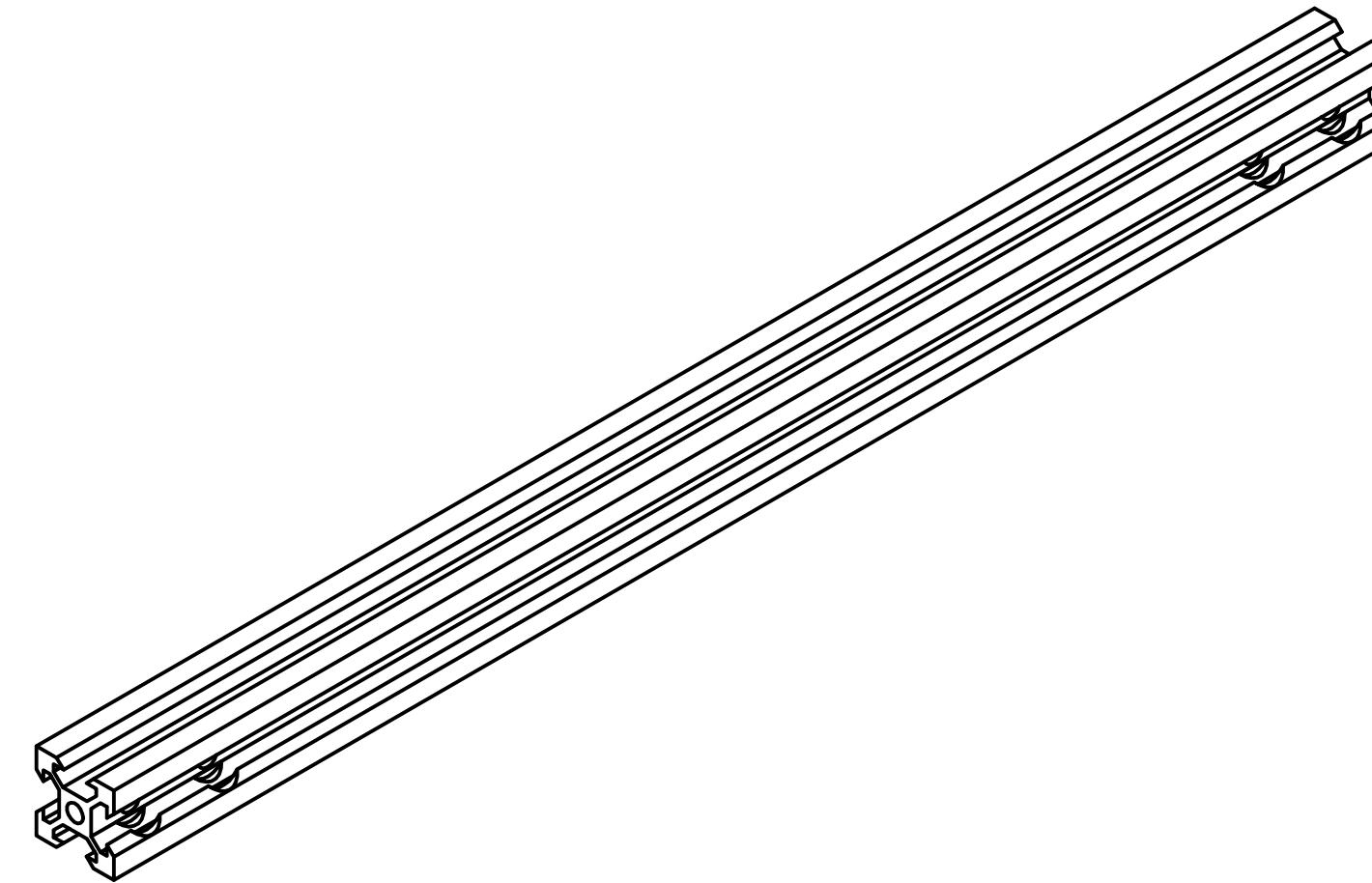
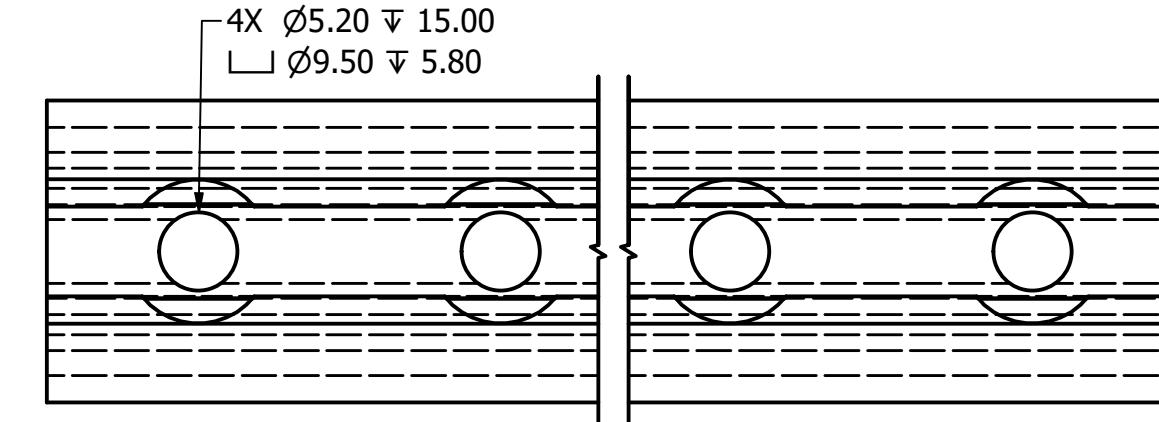
1



## **Extrusions - 2020 Top Profile**

The diagram illustrates two cross-sections of a bridge deck, each showing a vertical displacement of 330.00 units. The top section shows a total vertical displacement of 330.00 units, while the bottom section shows a total vertical displacement of 300.00 units. Horizontal arrows indicate lateral movement of -10.00 units.

A technical drawing of a mechanical part, likely a bracket or base plate. The overall height is 20.00. A top slot has a width of 6.20 and a height of 1.50, with a shoulder angle of 90.0°. The side slots have a height of 1.80 and a depth of 9.55, resulting in a total bottom depth of 11.00. A central circular hole has a diameter of Ø4.20. The part is shown in three views: front, top, and side.



DRAWN Richard Malstrom	4/18/2025	Pennwest California		
CHECKED				
QA		TITLE		
MFG				
APPROVED		2020 Extrusion (Top Profile)		
		SIZE B	DWG NO E3D-EXT-001	REV 1
		SCALE 2 : 1		SHEET 1 OF 1

DRAWN  
Richard Malstrom 4/18/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Filament Holder - Support Frame

SIZE

A

DWG NO

E3D-SMC-004

REV

1

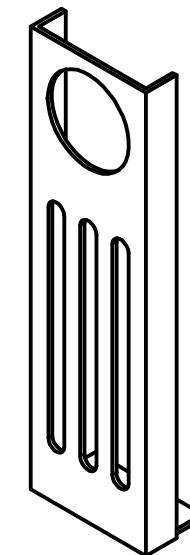
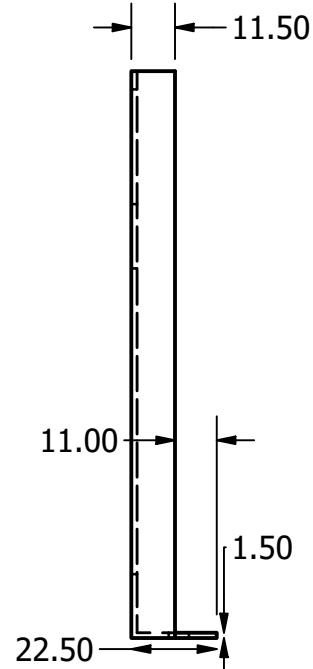
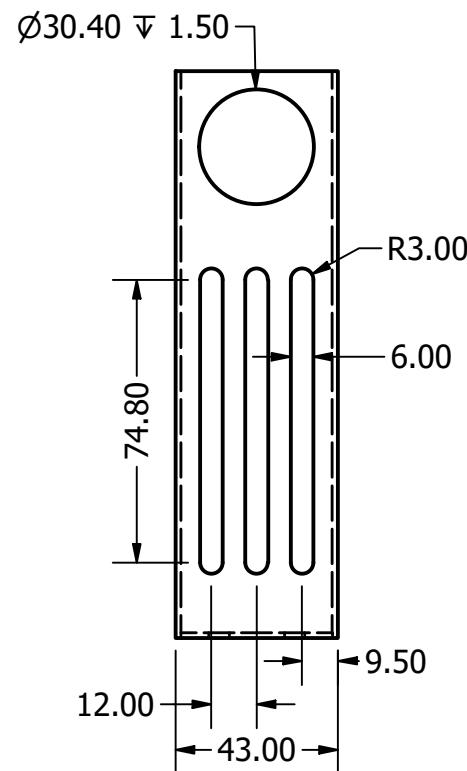
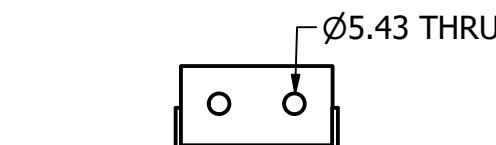
SCALE

1 / 2

SHEET 1 OF 1

B

B



2

1

# Filament Holder - Support Tube

1

DRAWN  
Richard Malstrom 4/18/2025

CHECKED

QA

MFG

APPROVED

Pennwest California

TITLE

Filament Holder Support Tube

SIZE

A

DWG NO

E3D-SCR-009

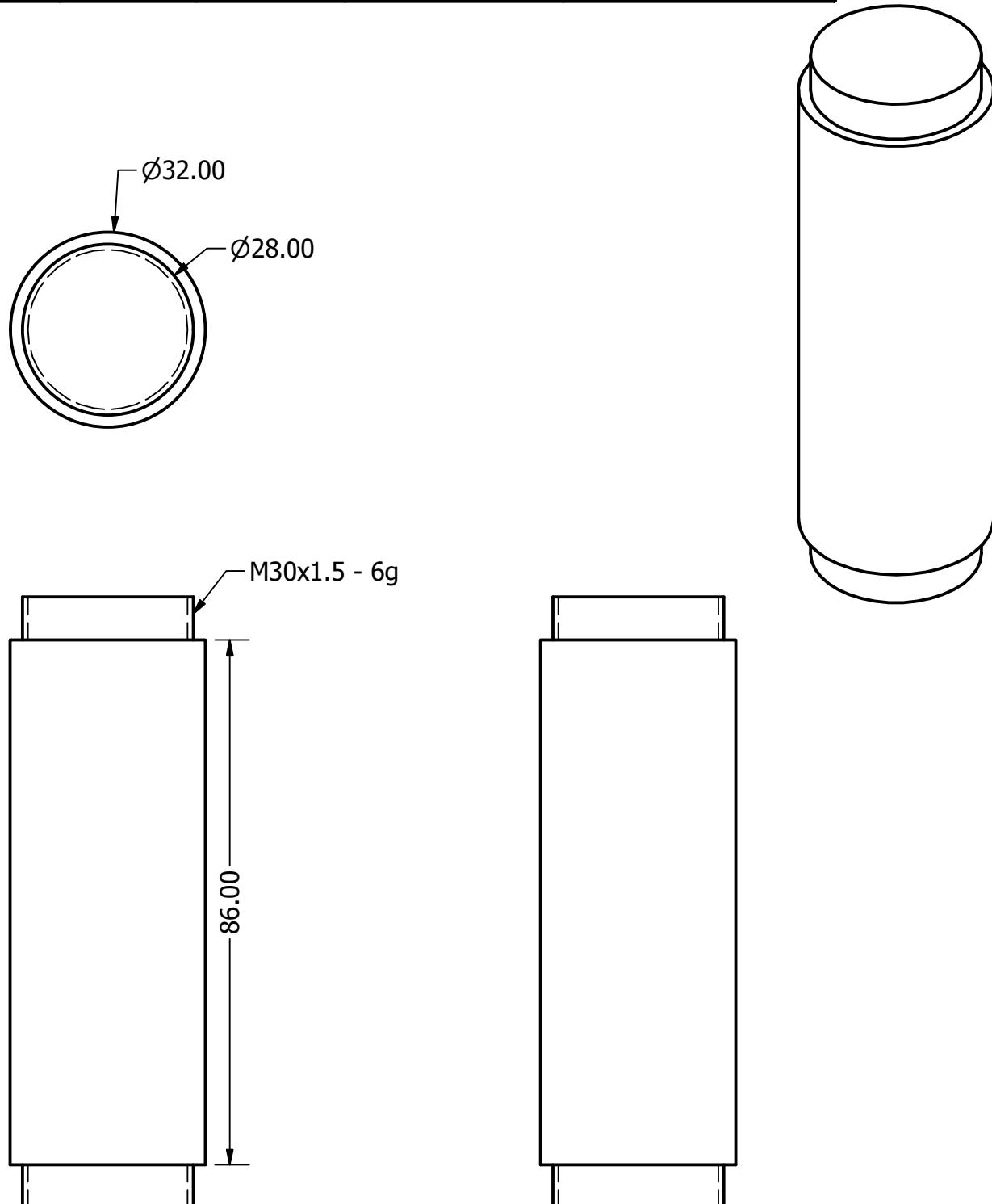
REV

1

SCALE

1 : 1

SHEET 1 OF 1



2

1

DRAWN	Richard Malstrom	4/19/2025
CHECKED		
QA		
MFG		
APPROVED		

Pennwest California

TITLE

Fan Cover

SIZE

A

DWG NO

E3D-SMC-003

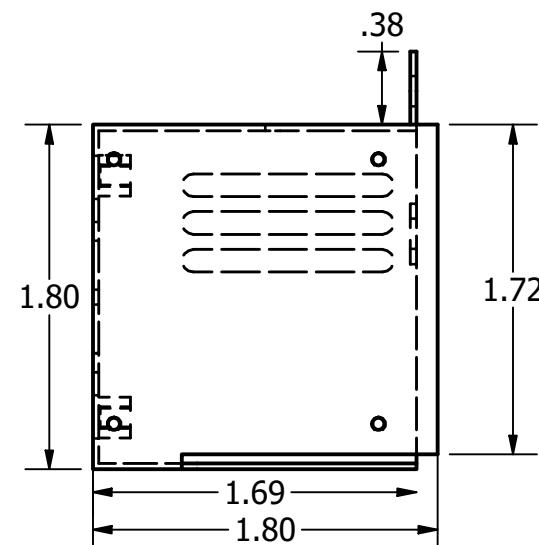
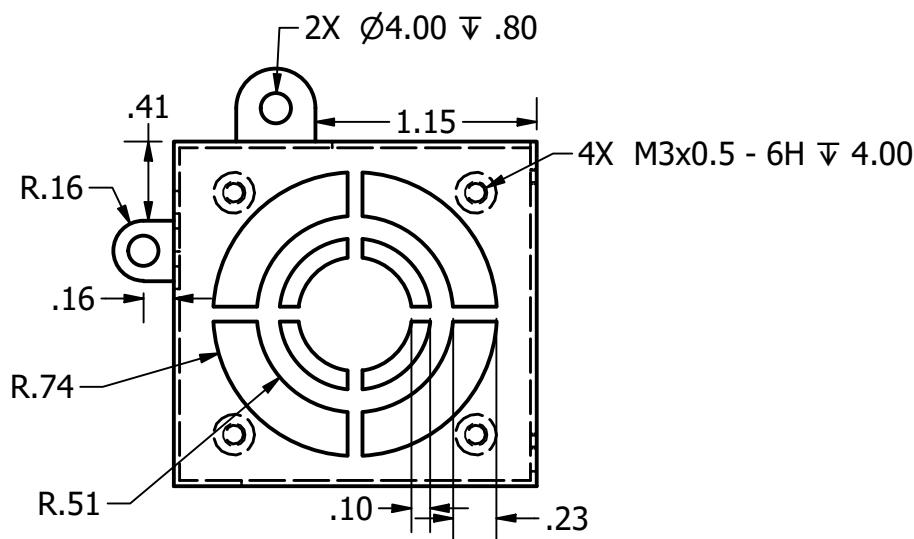
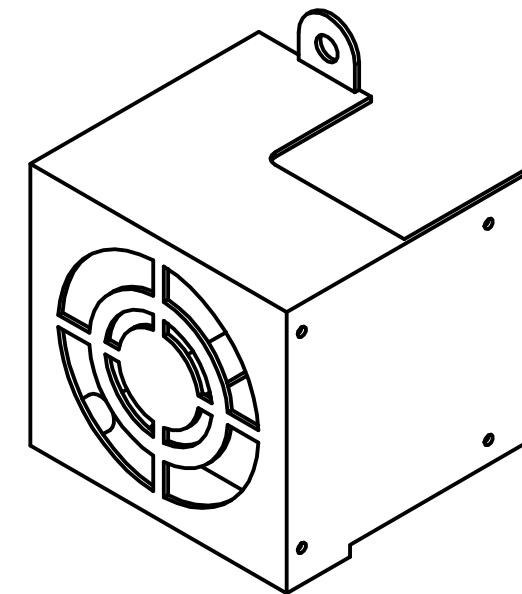
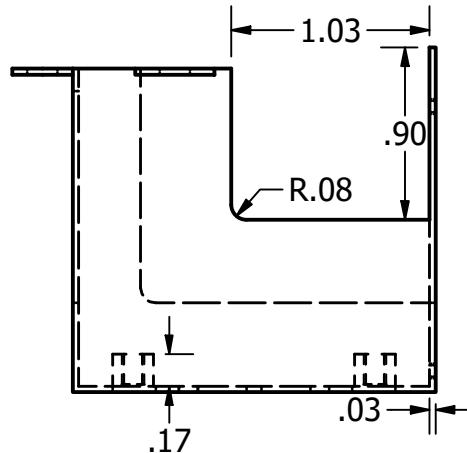
REV

1

SCALE

1 : 1

SHEET 1 OF 1



**Hotend**DRAWN  
Richard Malstrom 4/19/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Hotend

SIZE

A

DWG NO

E3D-BSF-003

REV

1

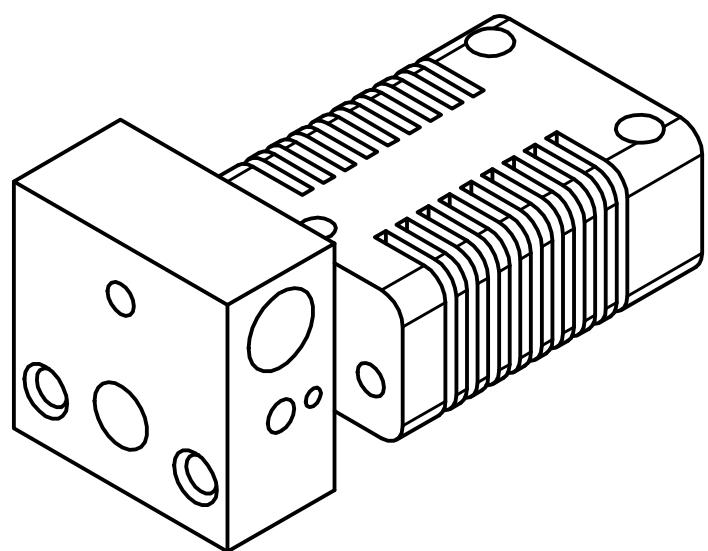
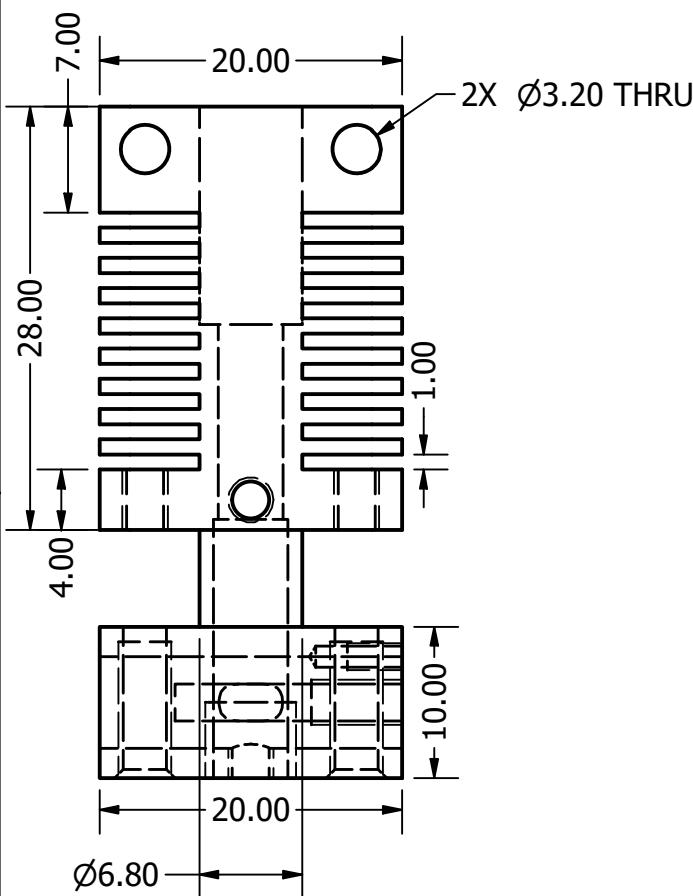
SCALE

2 : 1

SHEET 1 OF 1

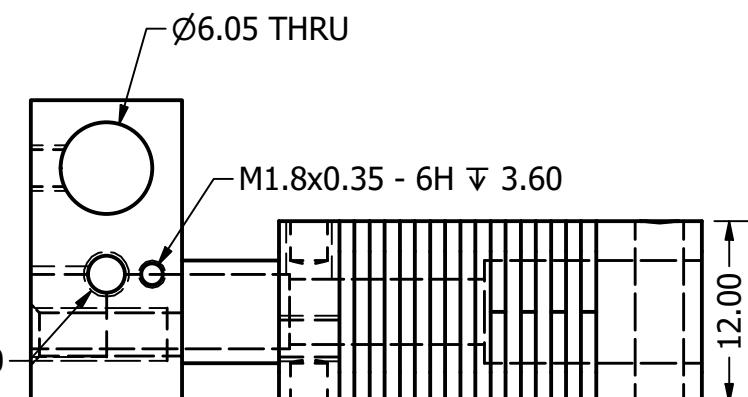
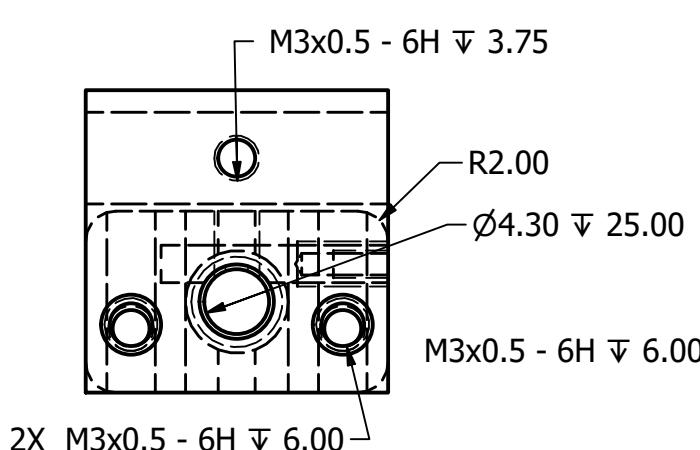
B

B



A

A



2

1

DRAWN  
Richard Malstrom 4/18/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

LCD Knob

SIZE

A

DWG NO

E3D-SCR-004

REV

1

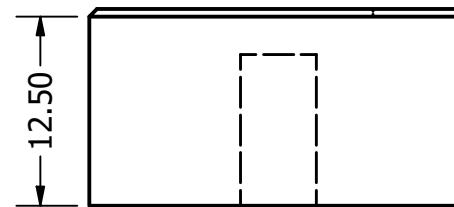
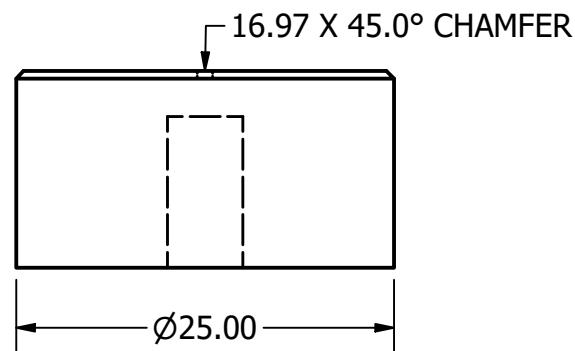
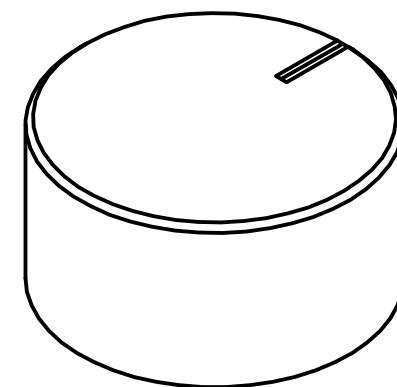
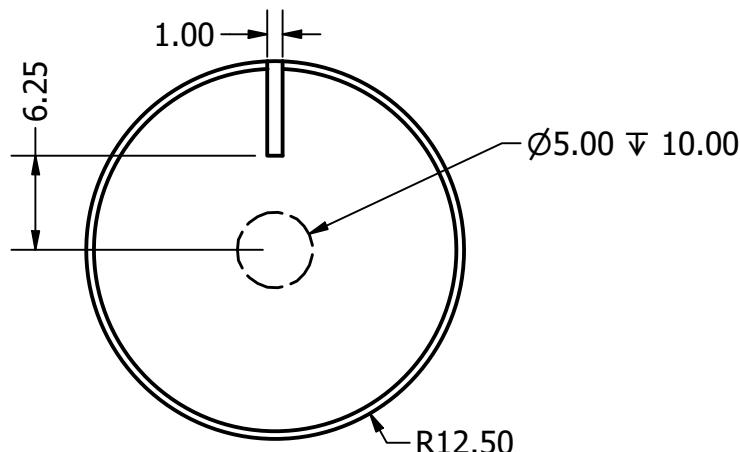
SCALE

2 : 1

SHEET 1 OF 1

B

B



2

1

DRAWN  
Richard Malstrom 4/18/2025

CHECKED

QA

MFG

APPROVED

Pennwest California

TITLE

LCD Support

SIZE

A

DWG NO

E3D-BKT-009

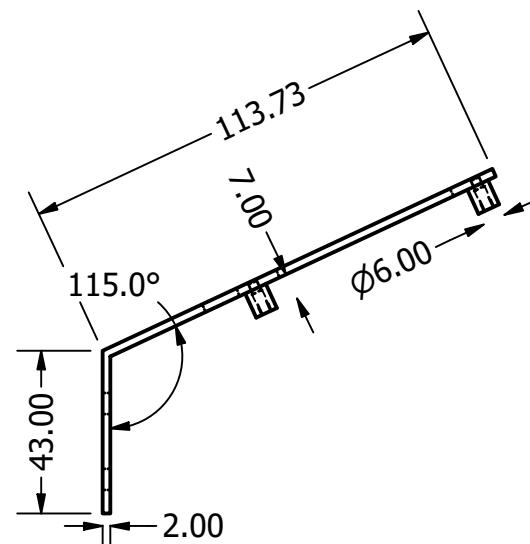
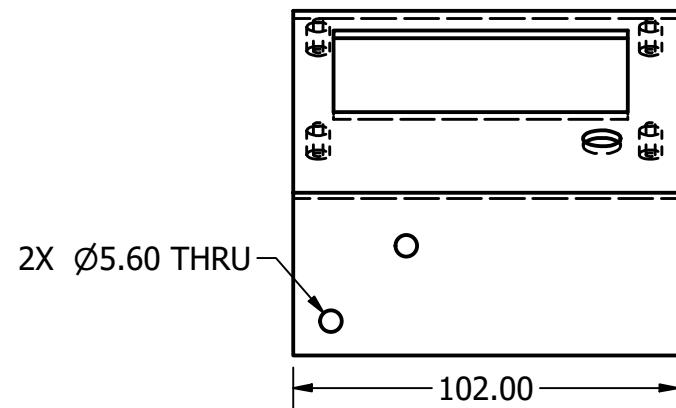
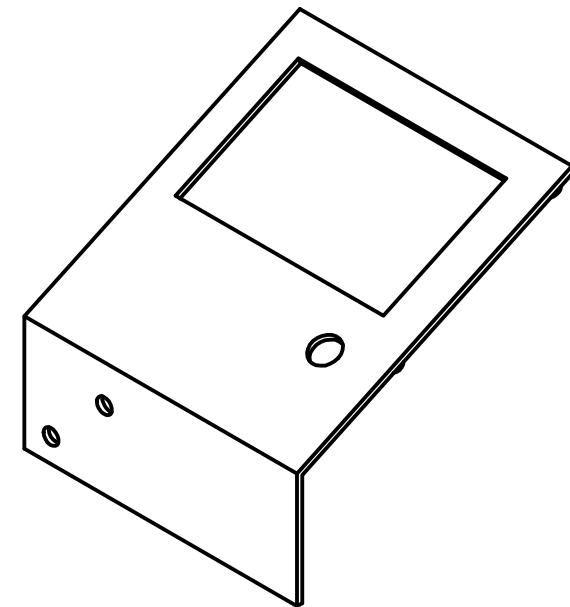
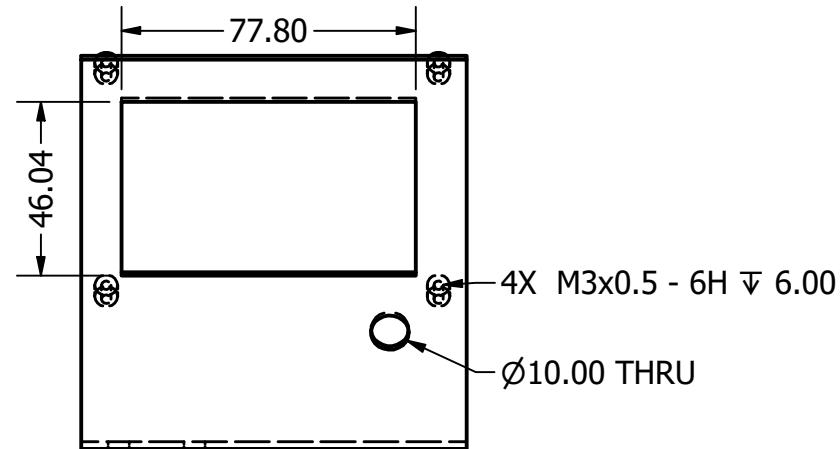
REV

1

SCALE

1 / 2

SHEET 1 OF 1



DRAWN  
Richard Malstrom 4/18/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Lead Screw Holder

SIZE

A

DWG NO

E3D-BKT-014

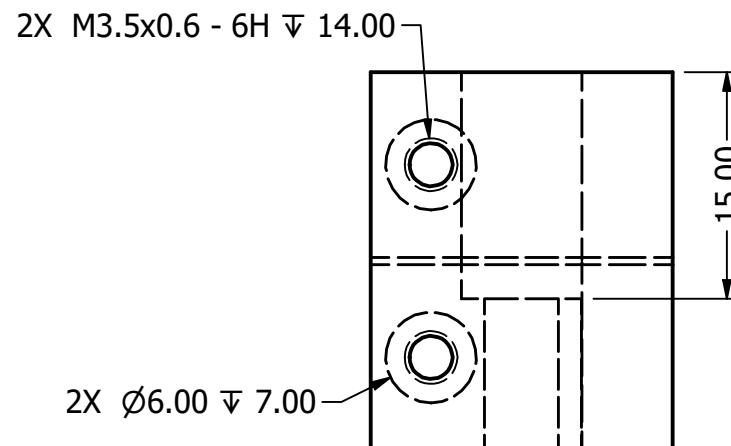
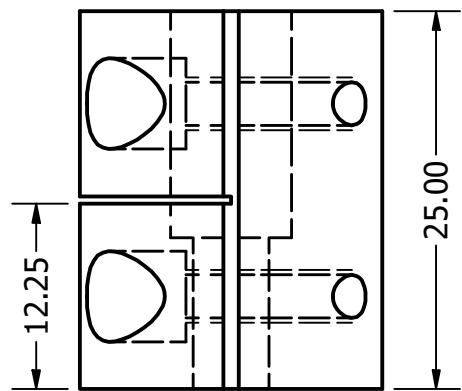
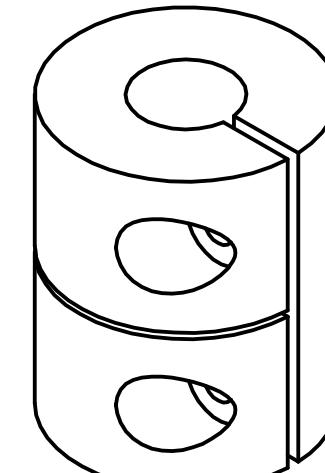
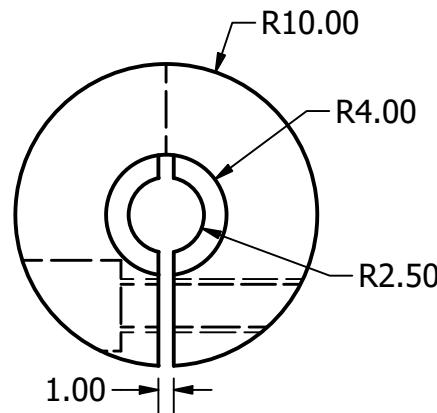
REV

1

SCALE

2 : 1

SHEET 1 OF 1



# Lead Screw

2

1

DRAWN  
Richard Malstrom

4/26/2025

Pennwest California

CHECKED

QA

MFG

APPROVED

TITLE

Lead Screw

SIZE

A

DWG NO

E3D-SCR-001

REV

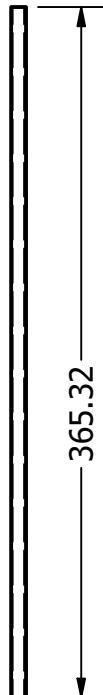
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SCALE

1 / 4

SHEET 1 OF 1

TR8x1.5 - 7e

 $\varnothing 8.00$ 

2

4

1

B

B

B

B

A

A

# M30 Plastic Nut

DRAWN  
Richard Malstrom 4/18/2025

CHECKED

QA

MFG

APPROVED

Pennwest California

1

TITLE

M30 Plastic Nut

SIZE

A

DWG NO

E3D-SCR-008

REV

1

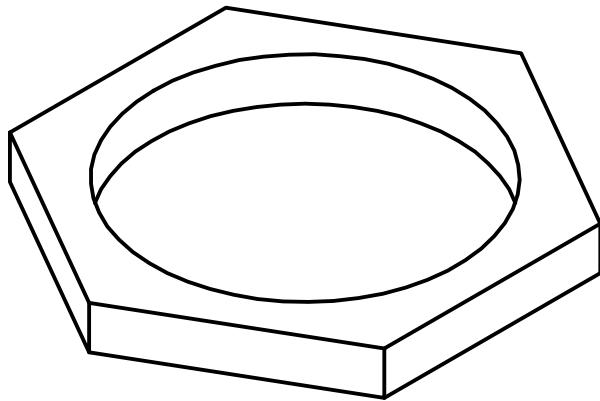
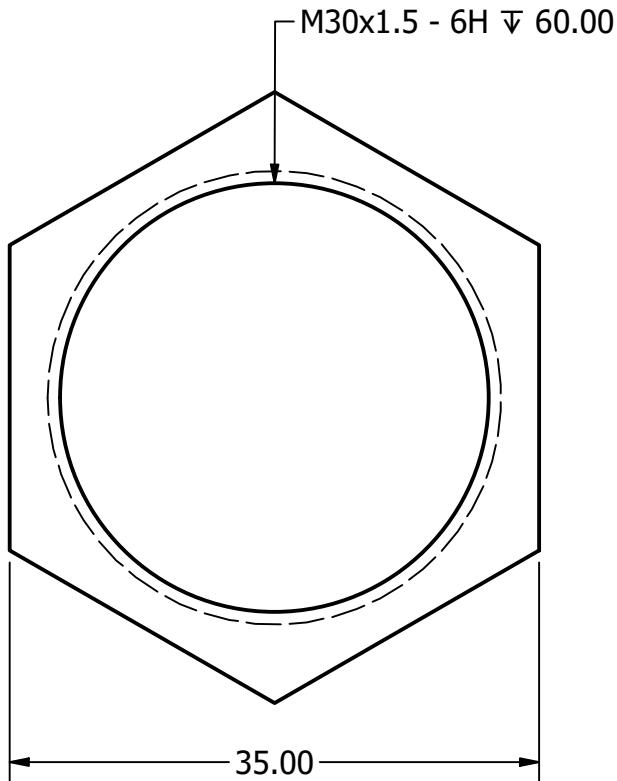
SCALE

2 : 1

SHEET 1 OF 1

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A

4.00



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DRAWN	Richard Malstrom	4/19/2025
CHECKED		
QA		
MFG		
APPROVED		
B		

2

1

Pennwest California

TITLE

Nozzle 0.4mm

SIZE

A

DWG NO

E3D-SCR-005

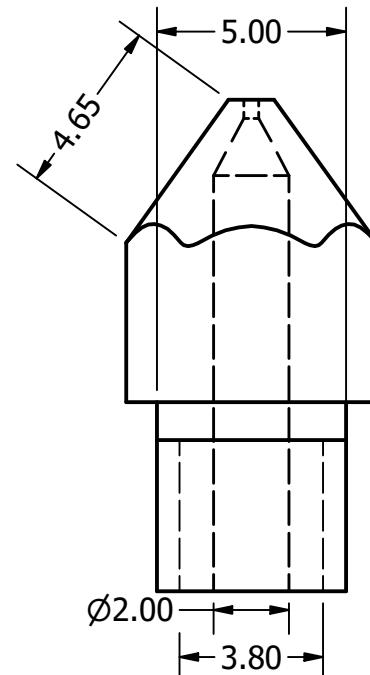
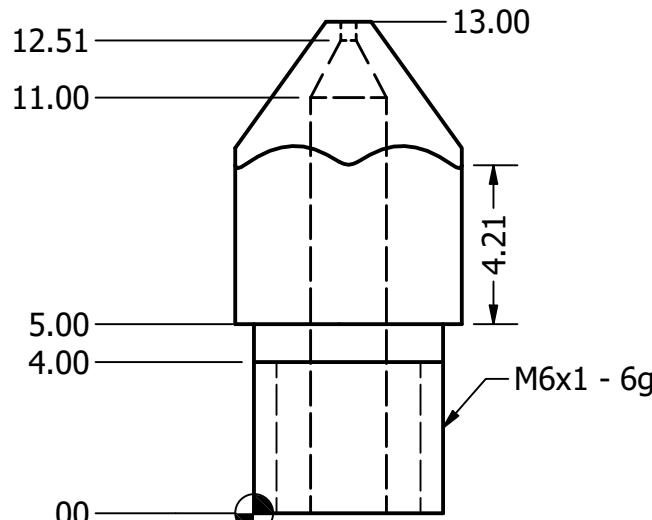
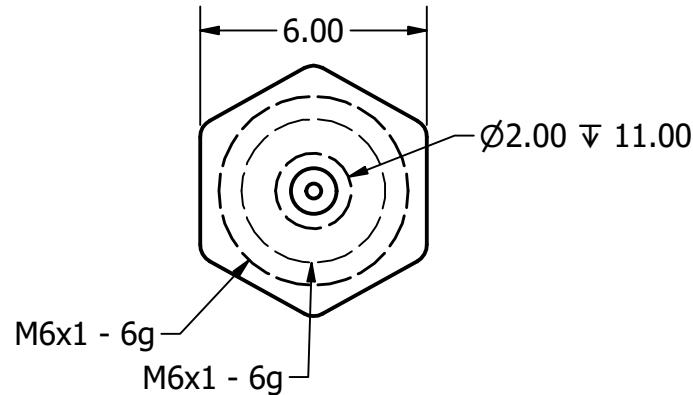
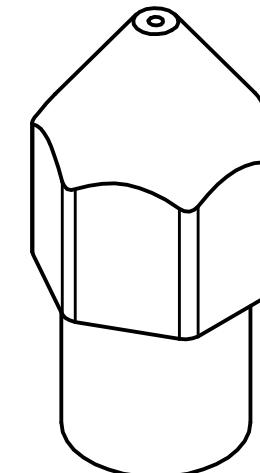
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SCALE

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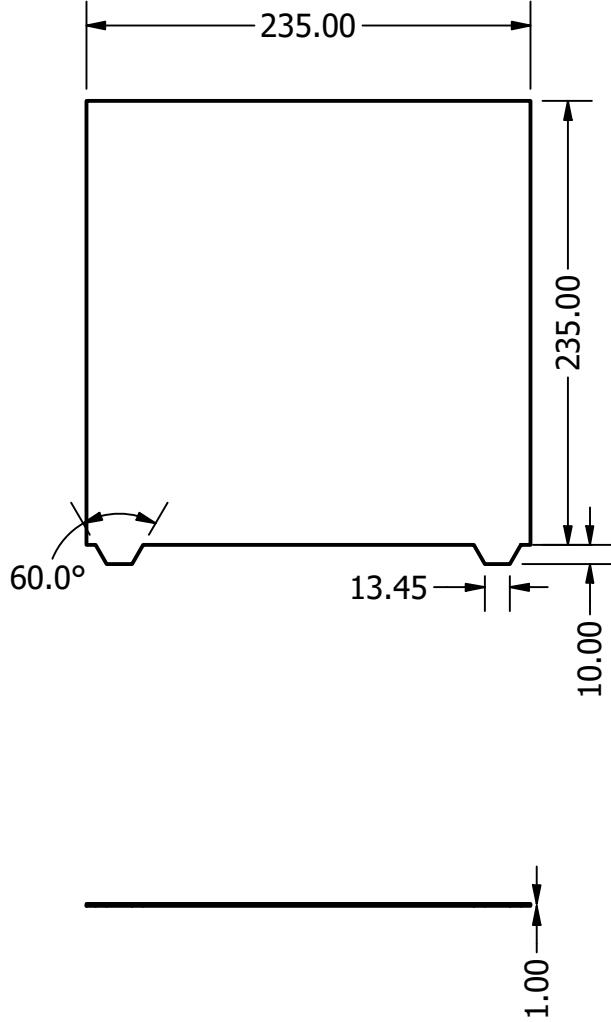
SHEET 1 OF 1



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DRAWN	Richard Malstrom	4/19/2025			
CHECKED			Pennwest California		
QA			TITLE		
MFG			PEI Sheet		
APPROVED			SIZE	DWG NO	REV
			A	E3D-BSF-001	1
			SCALE	1 / 4	SHEET 1 OF 1

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DRAWN  
Richard Malstrom 4/26/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Roller Spacers

SIZE

A

DWG NO

E3D-SPC-004

REV

1

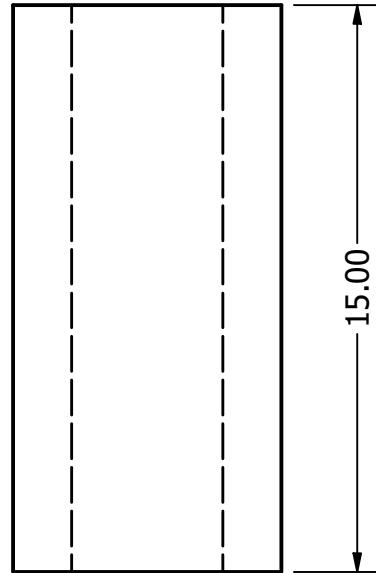
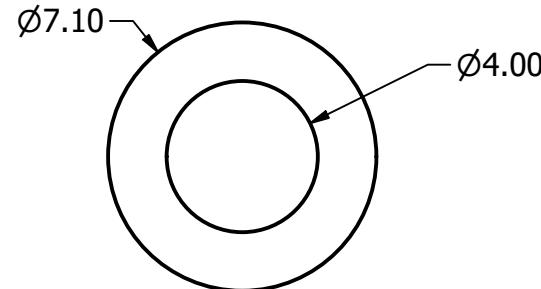
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SHEET 1 OF 1

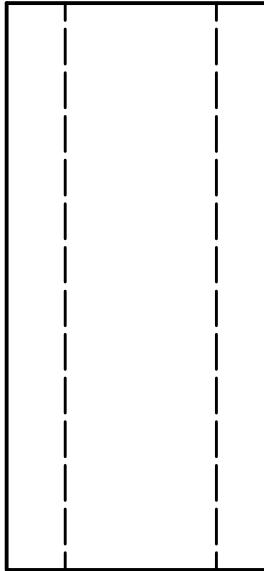
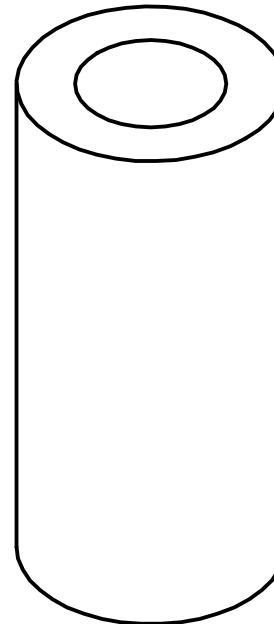
B

B



2

1



4

A

DRAWN  
Richard Malstrom 4/19/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Sheetmetal Enclosure Bottom

SIZE

A

DWG NO

E3D-SMC-001

REV

1

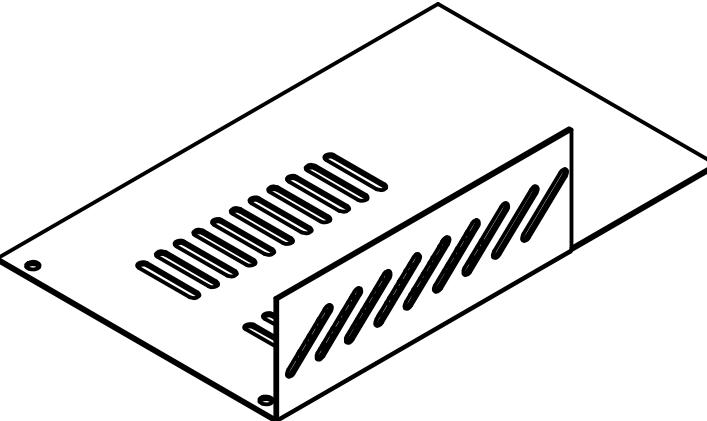
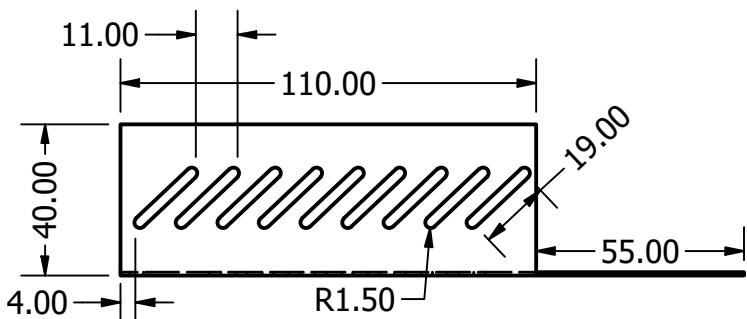
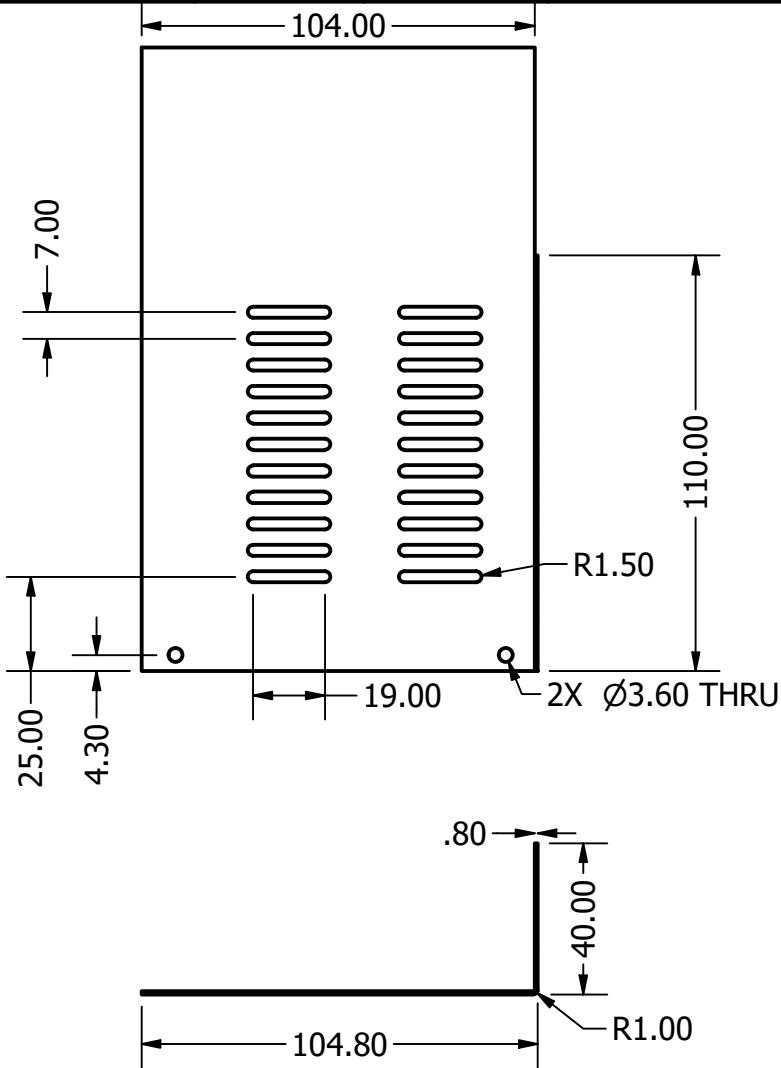
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1 / 2

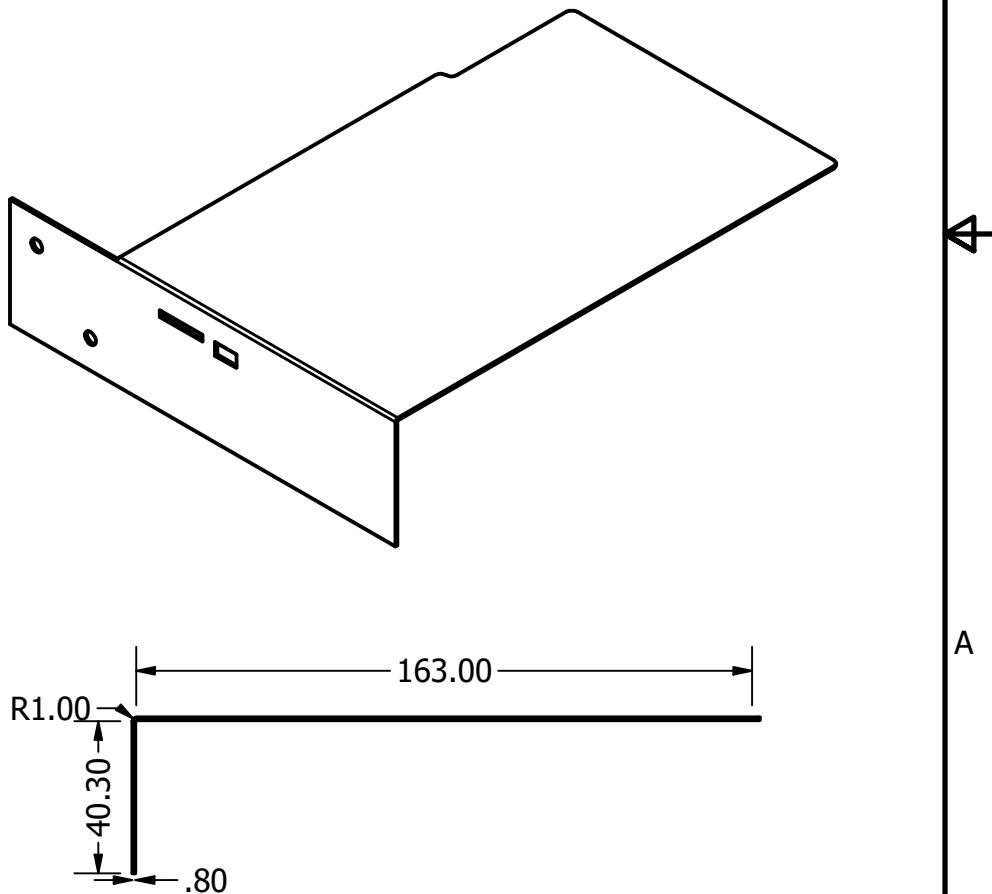
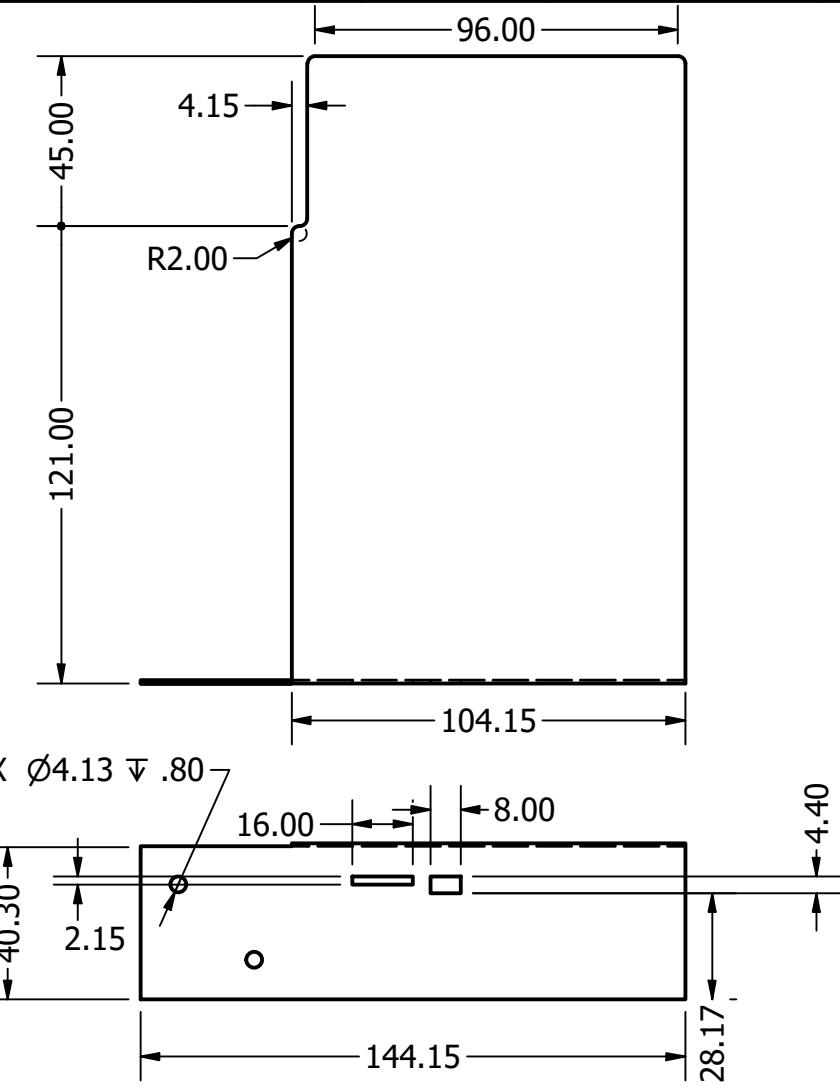
SHEET 1 OF 1

B

B



DRAWN Richard Malstrom	4/19/2025	Pennwest California		
CHECKED				
QA		TITLE		
MFG				
APPROVED		Sheetmetal Enclosure (Top)		
		SIZE A	DWG NO E3D-SMC-002	REV 1
	SCALE 1 / 2		SHEET 1 OF 1	



DRAWN  
Richard Malstrom 4/18/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Spacers for Rollers

SIZE

A

DWG NO

E3D-SPC-001

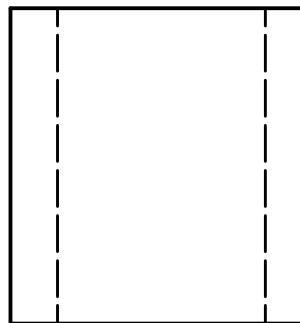
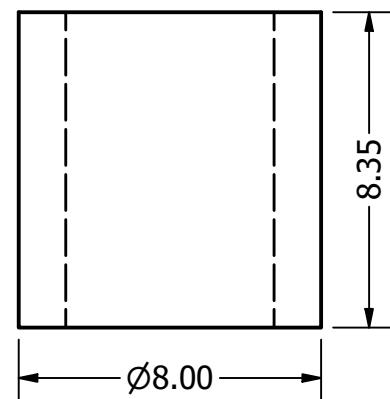
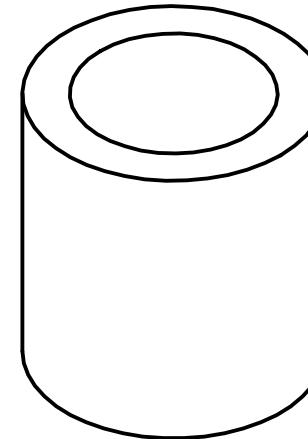
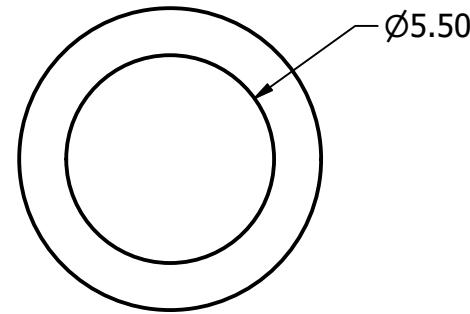
REV

1

SCALE

5 : 1

SHEET 1 OF 1



2

1

4

B

A

DRAWN  
Richard Malstrom 4/28/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

T-Slot Nut

SIZE

A

DWG NO

E3D-SCR-007

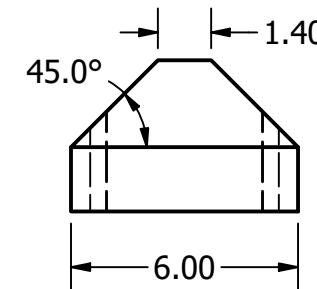
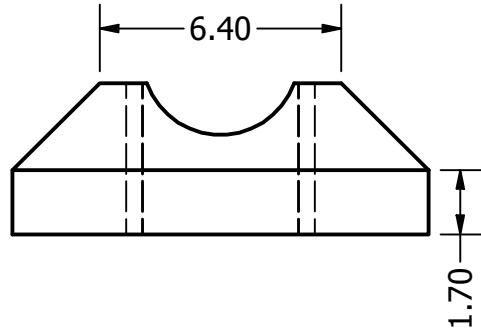
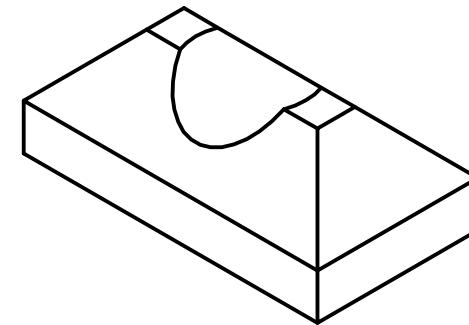
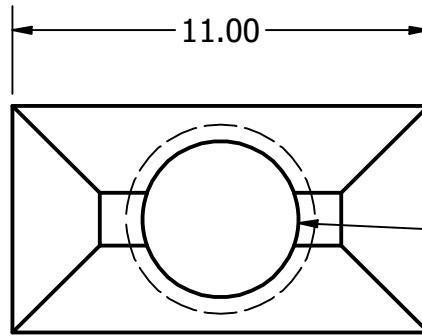
REV

1

SCALE

5 : 1

SHEET 1 OF 1



DRAWN  
Richard Malstrom 4/19/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

X Adjustment Block

SIZE

A

DWG NO

E3D-BKT-007

REV

1

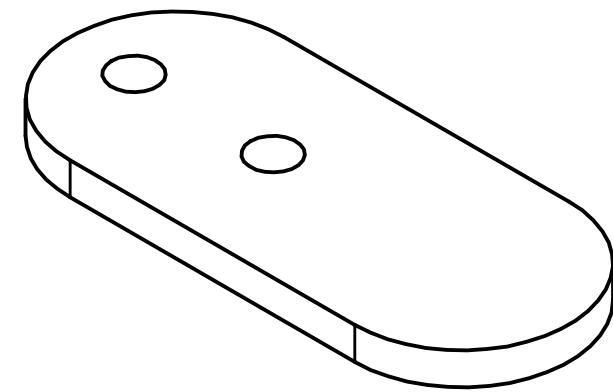
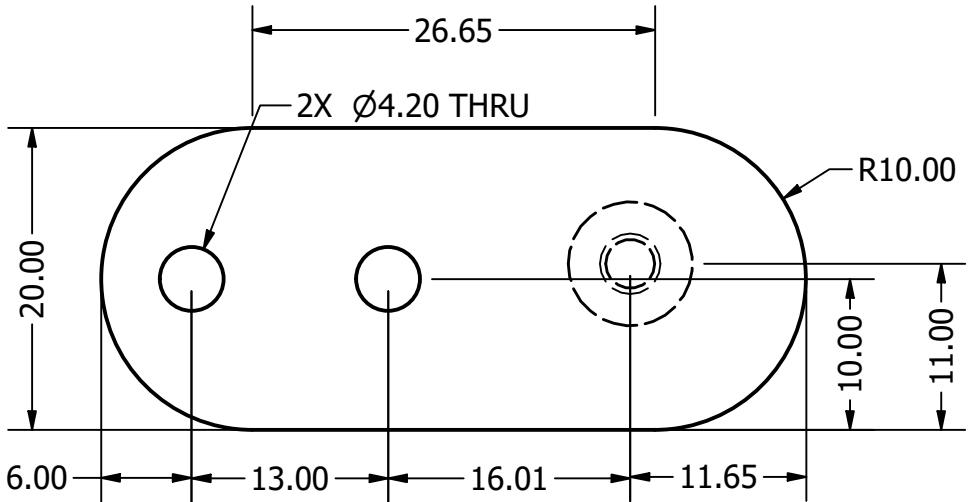
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SHEET 1 OF 1

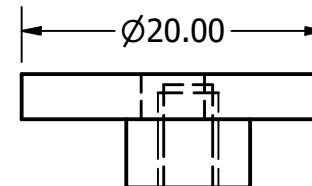
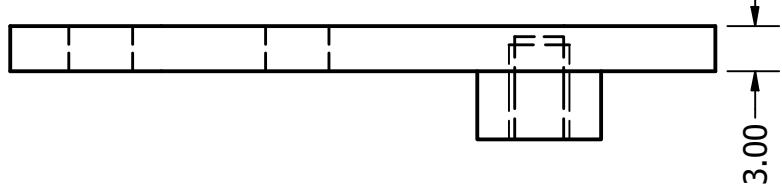
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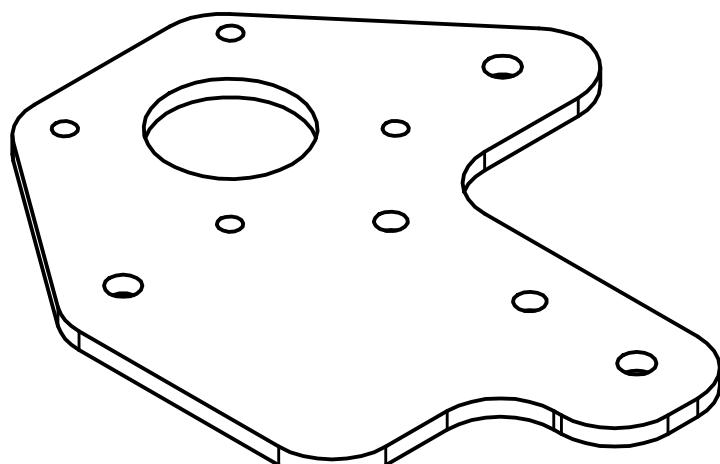
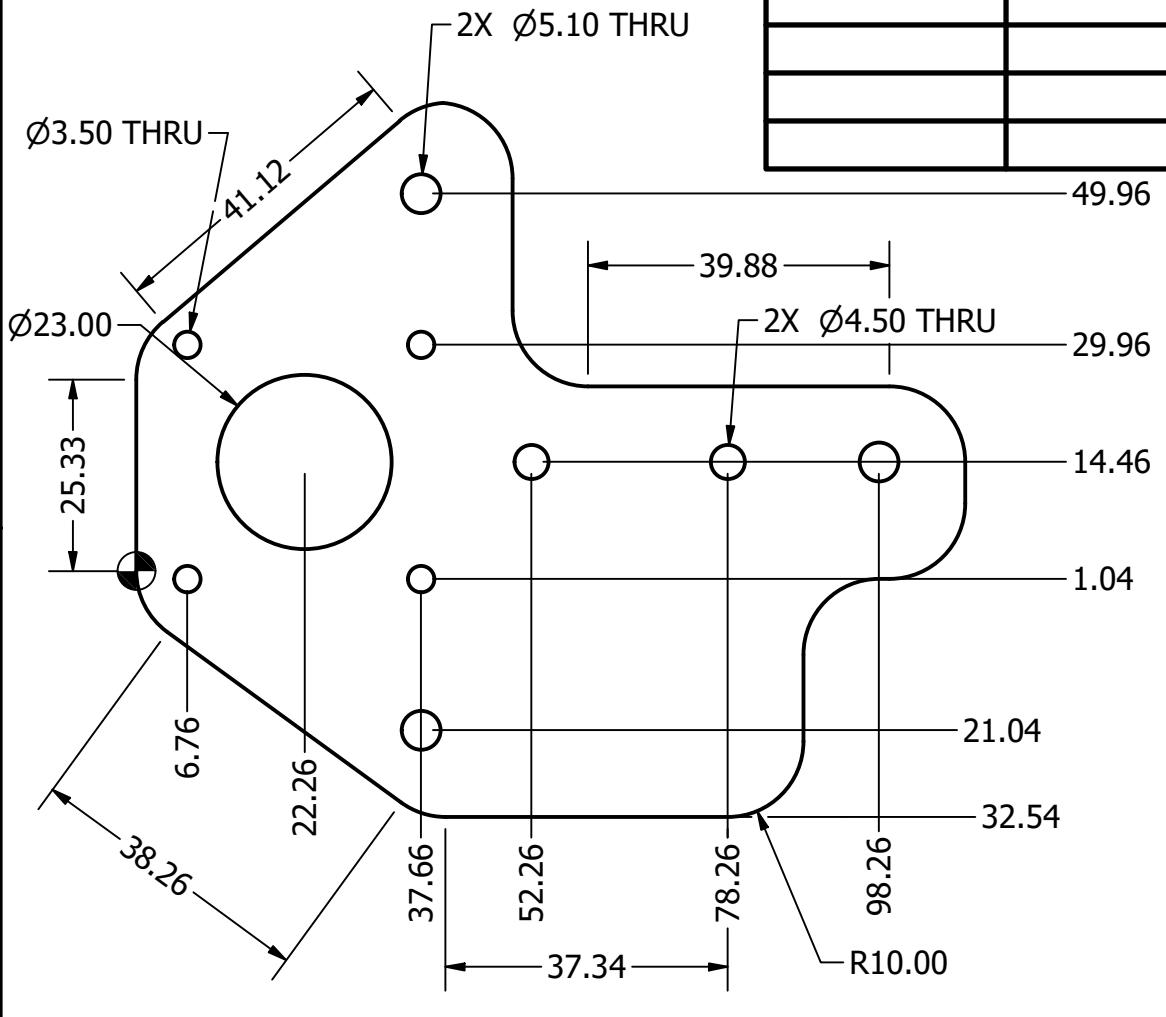
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DRAWN	Richard Malstrom	4/18/2025
CHECKED		
QA		
MFG		
APPROVED		X Motor Bracket
SIZE	A	DWG NO
		E3D-BKT-001
SCALE	1 : 1	REV
		1

Pennwest California

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DRAWN  
Richard Malstrom 4/28/2025

CHECKED

QA

MFG

APPROVED

2

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Pennwest California

TITLE

X End Stop Holder

SIZE

A

DWG NO

E3D-BKT-015

REV

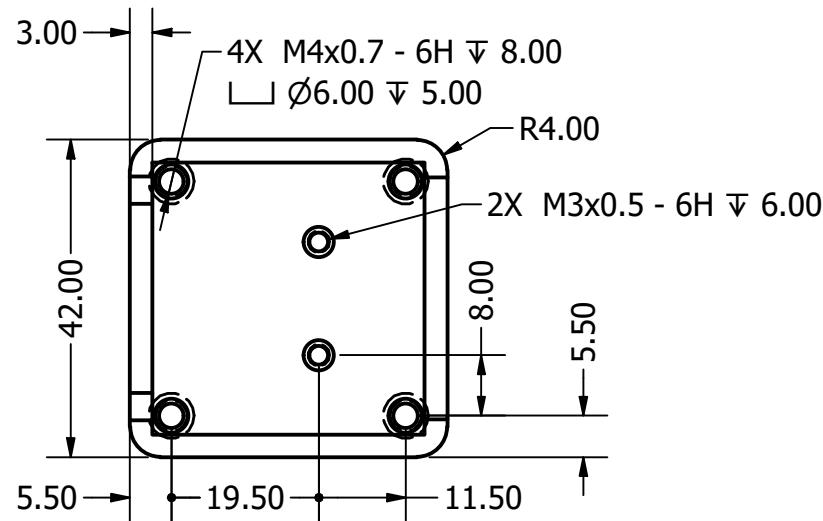
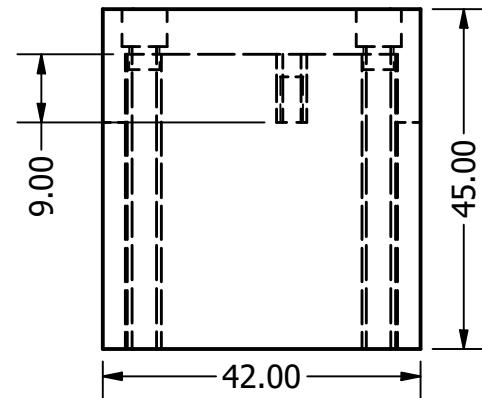
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SCALE

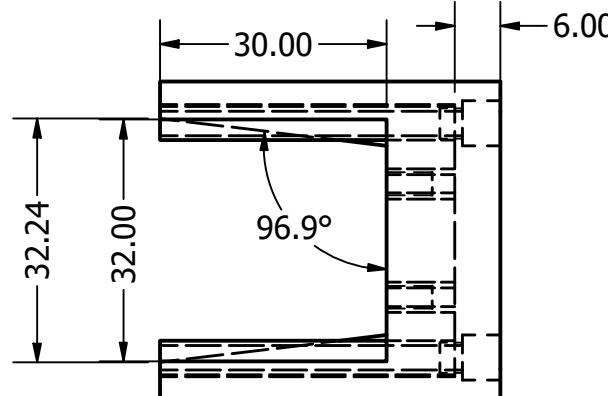
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SHEET 1 OF 1

B



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DRAWN  
Richard Malstrom 4/26/2025

CHECKED

QA

MFG

APPROVED

2

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Pennwest California

TITLE

Y Belt Adjuster

SIZE

A

DWG NO

E3D-BKT-005

REV

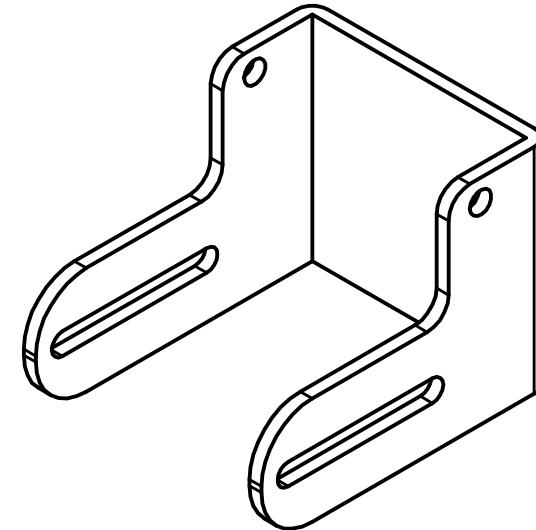
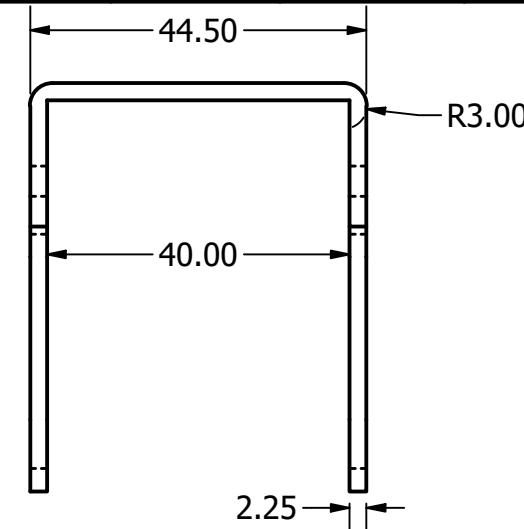
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SCALE

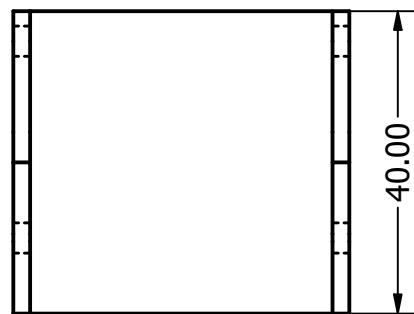
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SHEET 1 OF 1

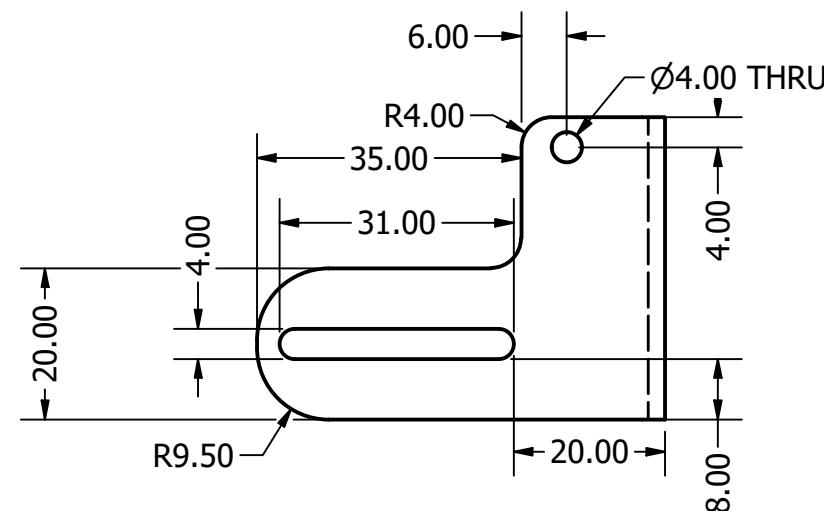
B



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DRAWN  
Richard Malstrom 4/26/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Y Limit Switch

SIZE

A

DWG NO

E3D-BKT-013

REV

1

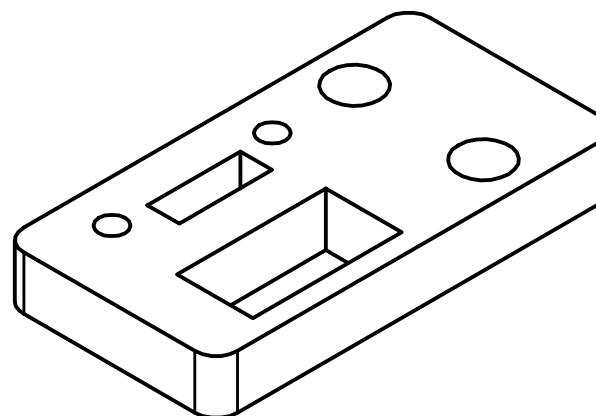
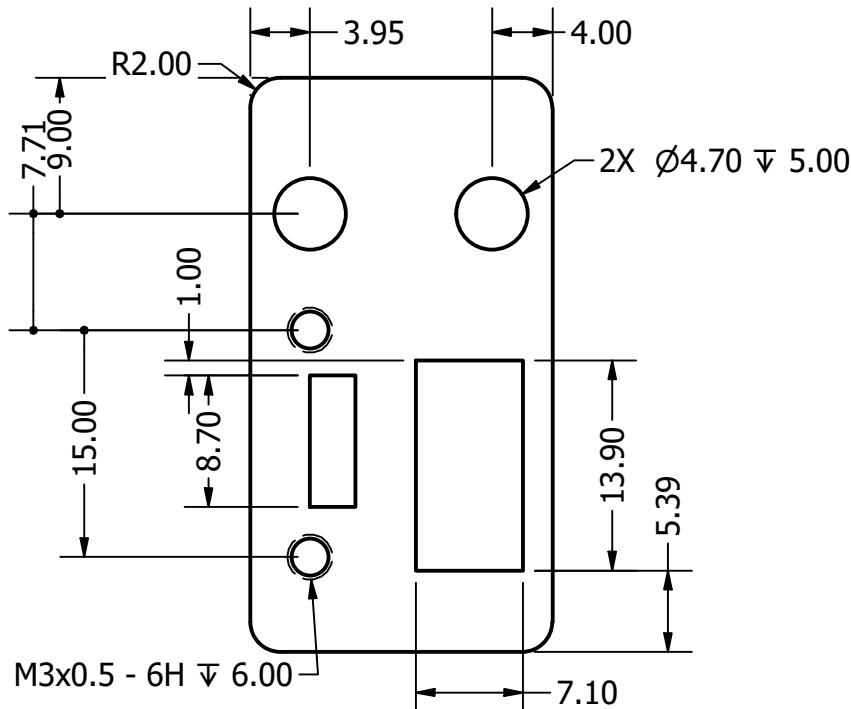
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SHEET 1 OF 1

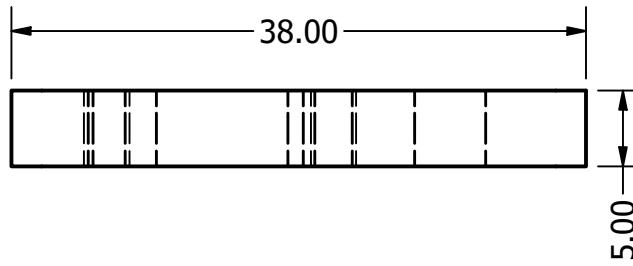
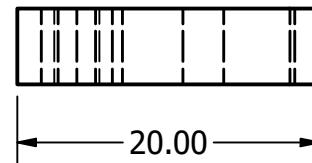
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B



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DRAWN	Richard Malstrom	4/23/2025
CHECKED		
QA		
MFG		
APPROVED		
B		

2

1

Pennwest California

TITLE

Y Motor Bracket

SIZE

A

DWG NO

E3D-BKT-006

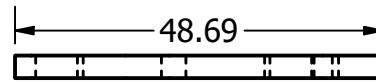
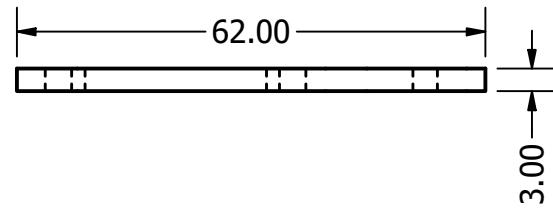
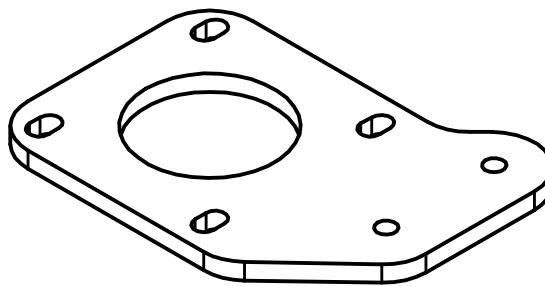
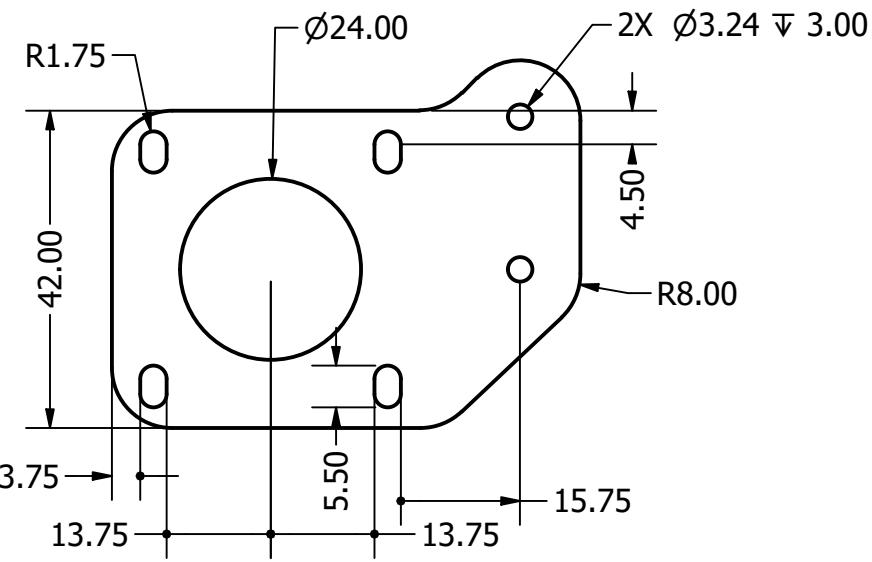
REV

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SCALE

1 : 1

SHEET 1 OF 1



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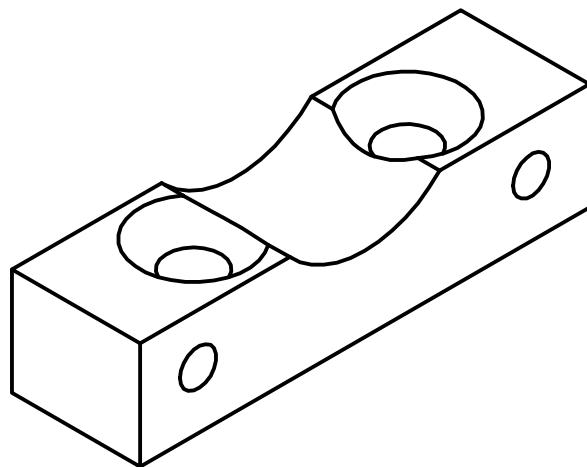
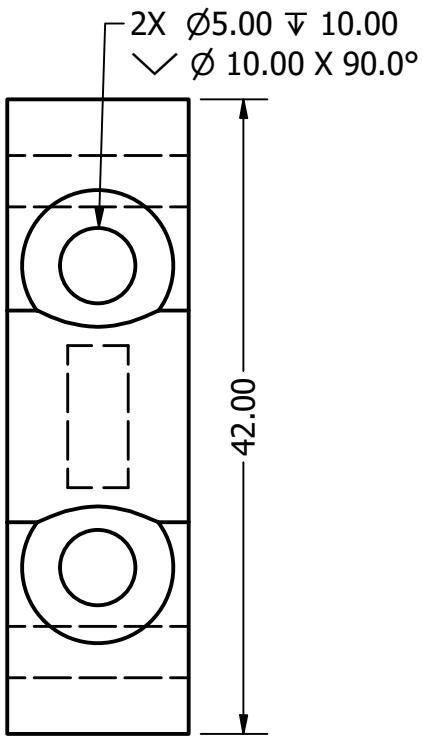
# Z Axis Motor Mount

2

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B

B

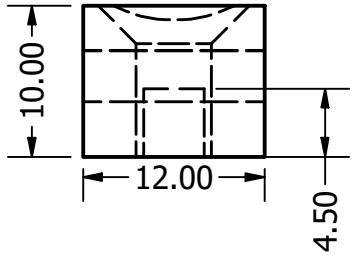


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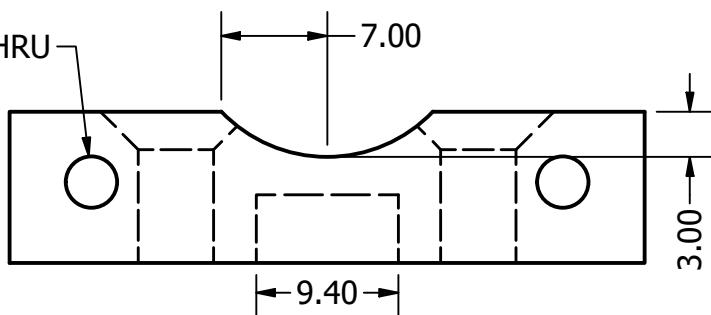
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2X  $\varnothing 3.40$  THRU



DRAWN	Richard Malstrom	4/15/2025	Pennwest California
CHECKED			
QA			
MFG			
APPROVED		Z Axis Motor Mount	
		SIZE	REV
		A	1
		DWG NO	
		E3D-BKT-002	
		SCALE	
		2 : 1	
		SHEET 1 OF 1	

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DRAWN  
Richard Malstrom 4/26/2025

CHECKED

QA

MFG

APPROVED

2

1

Pennwest California

TITLE

Z Limit Switch Bracket

SIZE

A

DWG NO

E3D-BKT-003

REV

1

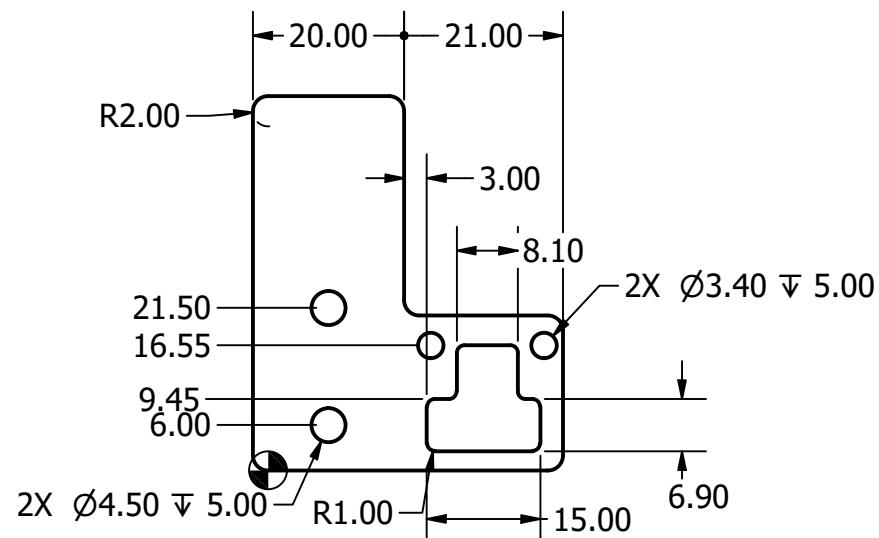
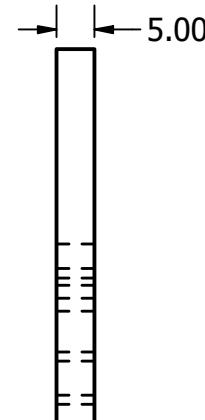
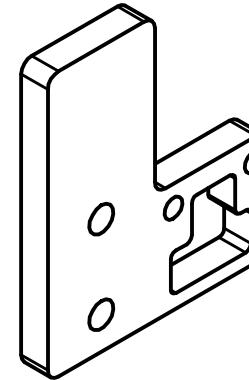
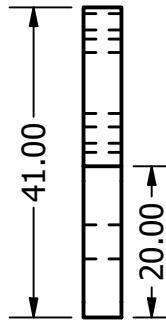
SCALE

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SHEET 1 OF 1

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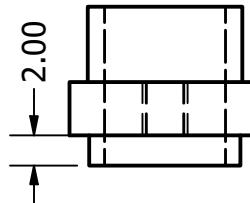
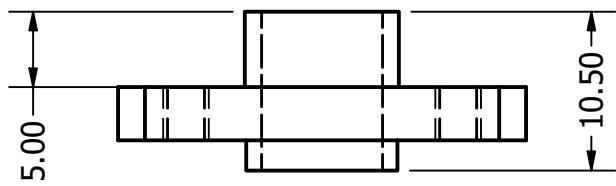
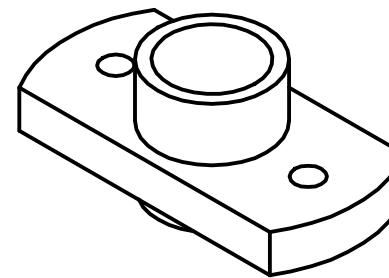
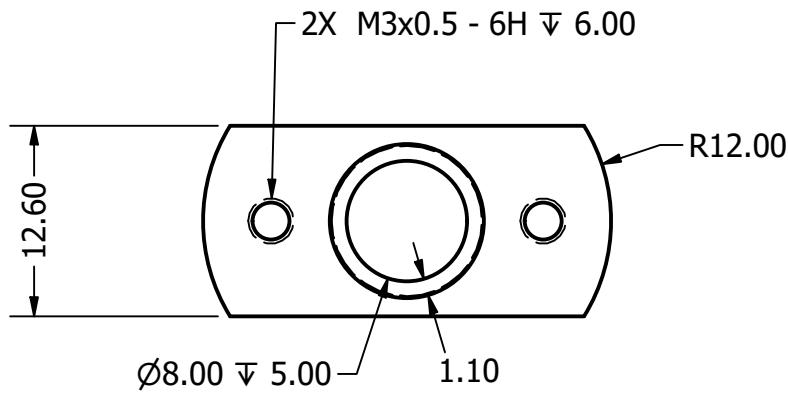
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B

DRAWN	Richard Malstrom	4/23/2025	
CHECKED			
QA		TITLE	
MFG		Z Nut	
APPROVED			
		SIZE	
		A	
		DWG NO	E3D-SCR-002
		SCALE	2 : 1
		REV	1
		SHEET	1 OF 1



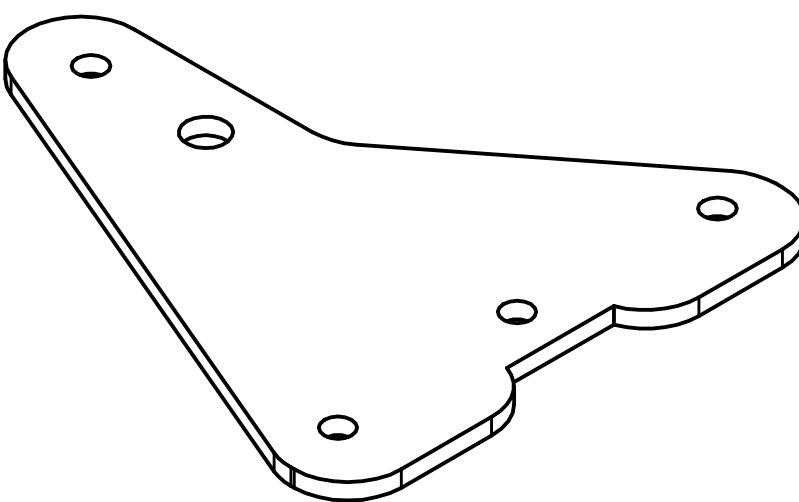
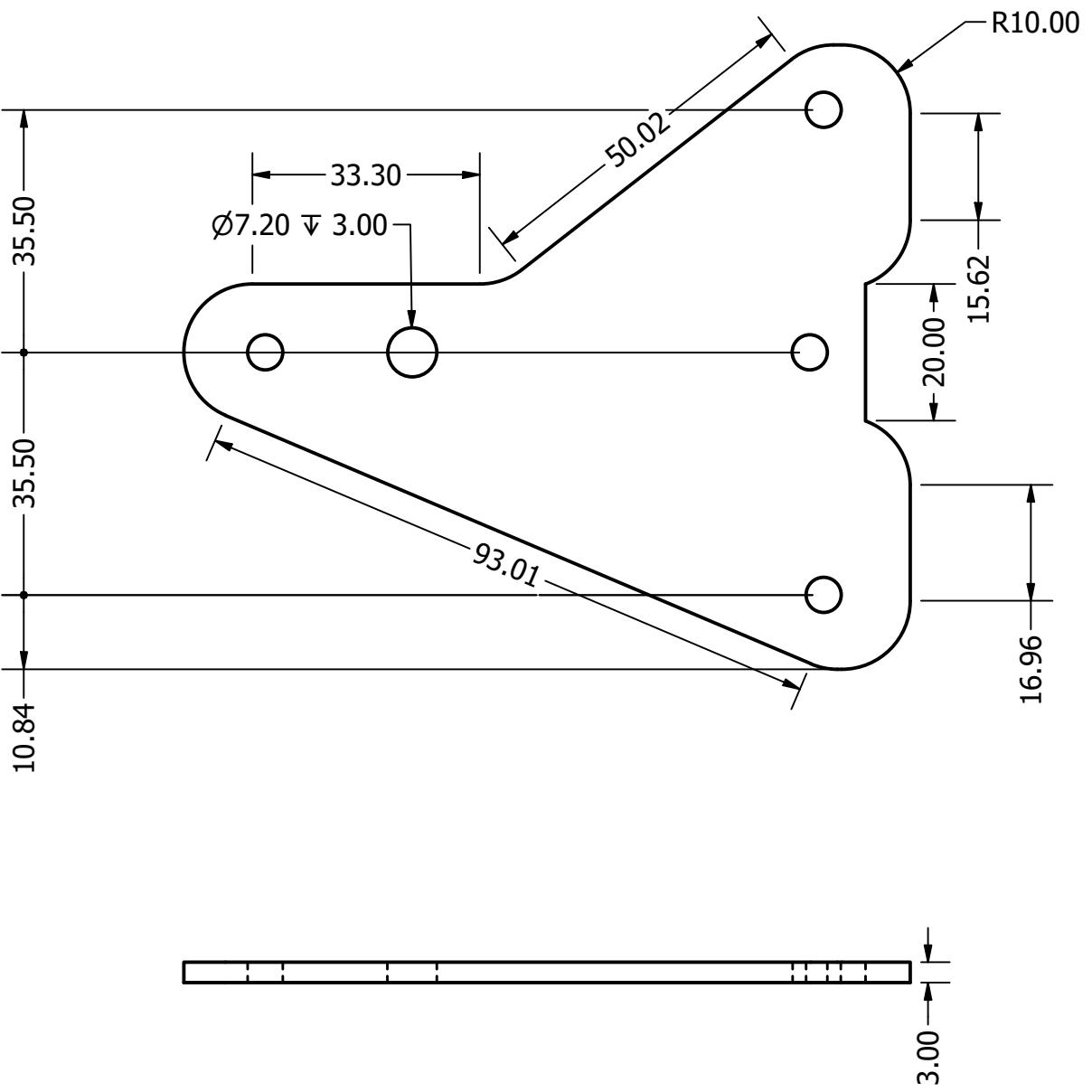
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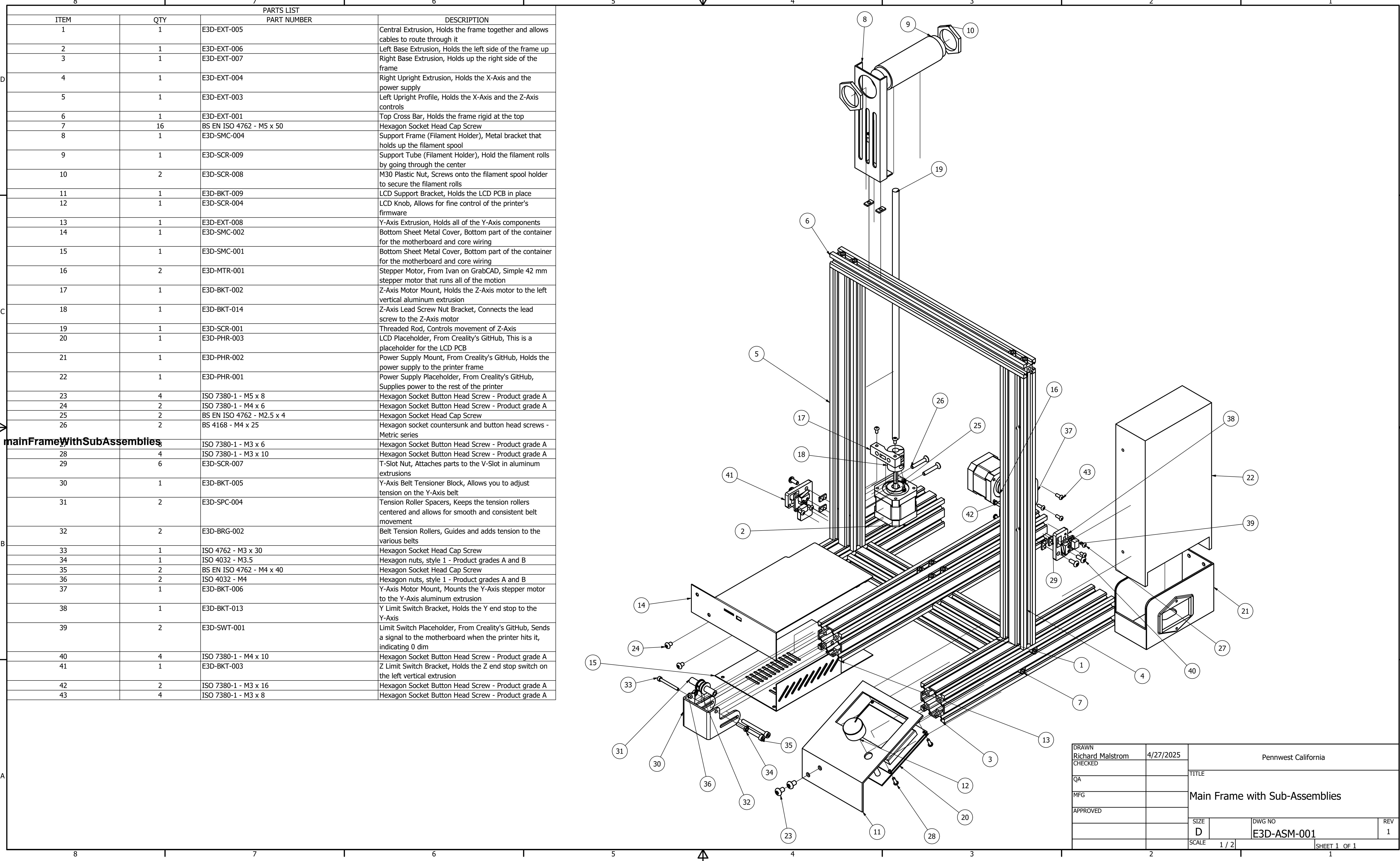
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
# Z Stent

DRAWN	Richard Malstrom	4/19/2025
CHECKED		
QA		
MFG		
APPROVED	Z Stent	
	SIZE B	DWG NO E3D-BKT-004
	SCALE 1 : 1	REV 1
	SHEET 1 OF 1	

Pennwest California







DRAWN Richard Malstrom	4/24/2025	Pennwest California	
CHECKED		TITLE	
QA		Full Ender 3 Pro BOM	
MFG		APPROVED	
		SIZE	DWG NO
		E	E3D-ASM-006
REV			1
SCALE	1:1	SHEET	1 OF 1

# aluminumExtrusionAssembly

B

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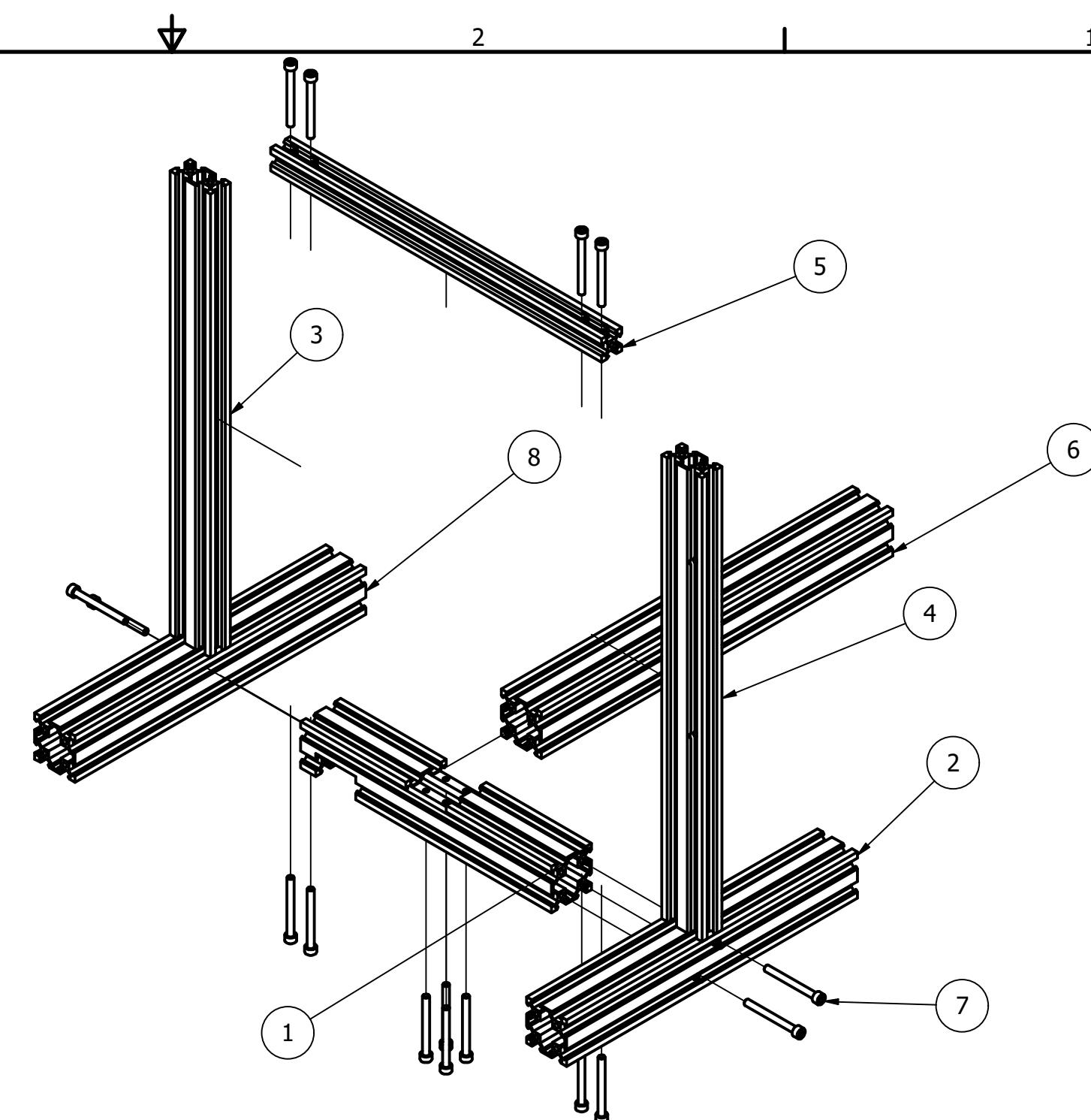
2

1

A

## PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	E3D-EXT-005	Central Extrusion, Holds the frame together and allows cables to route through it
2	1	E3D-EXT-007	Right Base Extrusion, Holds up the right side of the frame
3	1	E3D-EXT-003	Left Upright Profile, Holds the X-Axis and the Z-Axis controls
4	1	E3D-EXT-004	Right Upright Extrusion, Holds the X-Axis and the power supply
5	1	E3D-EXT-001	Top Cross Bar, Holds the frame rigid at the top
6	1	E3D-EXT-008	Y-Axis Extrusion, Holds all of the Y-Axis components
7	16	BS EN ISO 4762 - M5 x 50	Hexagon Socket Head Cap Screw
8	1	E3D-EXT-006	Left Base Extrusion, Holds the left side of the frame up



DRAWN Richard Malstrom	4/20/2025	Pennwest California		
CHECKED				
QA		TITLE		
MFG		Extrusions Exploded View		
APPROVED				
		SIZE B	DWG NO E3D-ASM-000	REV 1
		SCALE 1 / 4	SHEET 1 OF 1	

# extruderAssembly

4

3

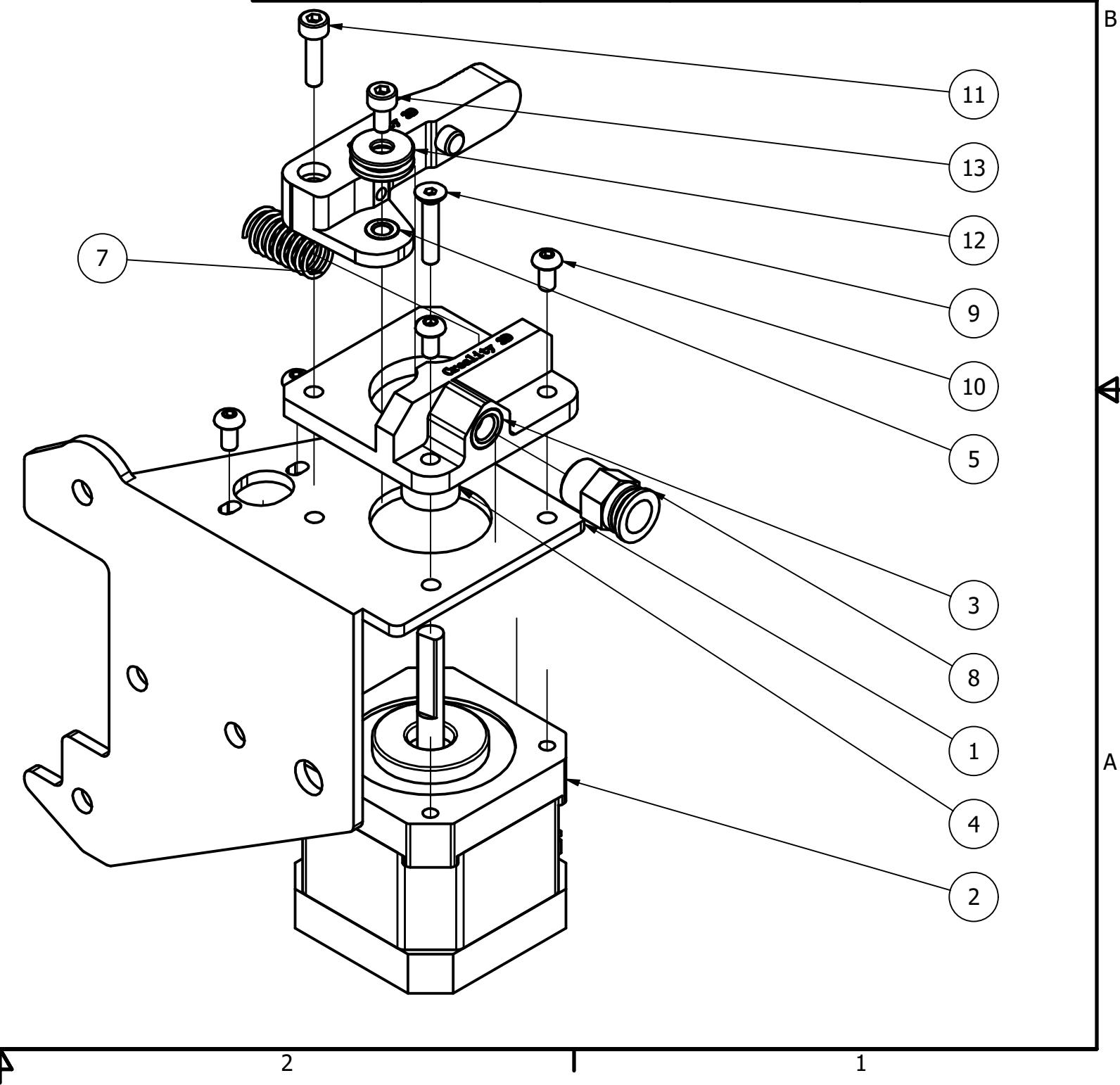
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PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	E3D-BKT-010	Extruder Motor Bracket, Attached the extruder motor and extruder add-ons to the frame
2	1	E3D-MTR-001	Stepper Motor, From Ivan on GrabCAD, Simple 42 mm stepper motor that runs all of the motion
B 3	1	E3D-BKT-011	Extruder Housing, From Creality's GitHub, Holds all of the extruder parts together
4	1	E3D-SCR-006	Extruder Gear, From Creality's GitHub, Grips onto the filament and feeds it through the hotend
5	1	E3D-BKT-012	Extruder Idle Tensioner, From Creality's GitHub, Adds tension on the extruder gear to assist with grip
6	1	E3D-SCR-002	Threaded Rod Nut, Connects threaded rod to X-Axis/Extruder plate for vertical movement
7	1	E3D-SPC-005	Extrusion Spring, From Creality's GitHub, Adds tension to the idle tensioner to help with grip
8	1	E3D-PHR-007	Pneumatic Joint, From Creality's GitHub, Holds onto both ends of the PTFE tubing
A 9	1	BS 4168 - M3 x 16	Hexagon socket countersunk and button head screws - Metric series
10	4	ISO 7380-1 - M3 x 6	Hexagon Socket Button Head Screw - Product grade A
11	1	BS EN ISO 4762 - M3 x 12	Hexagon Socket Head Cap Screw
12	1	ISO 104 - 0 70 - 4 x 12 x 4	Rolling bearing-Thrust bearing(Single Direction)
13	1	BS EN ISO 4762 - M3 x 6	Hexagon Socket Head Cap Screw

2

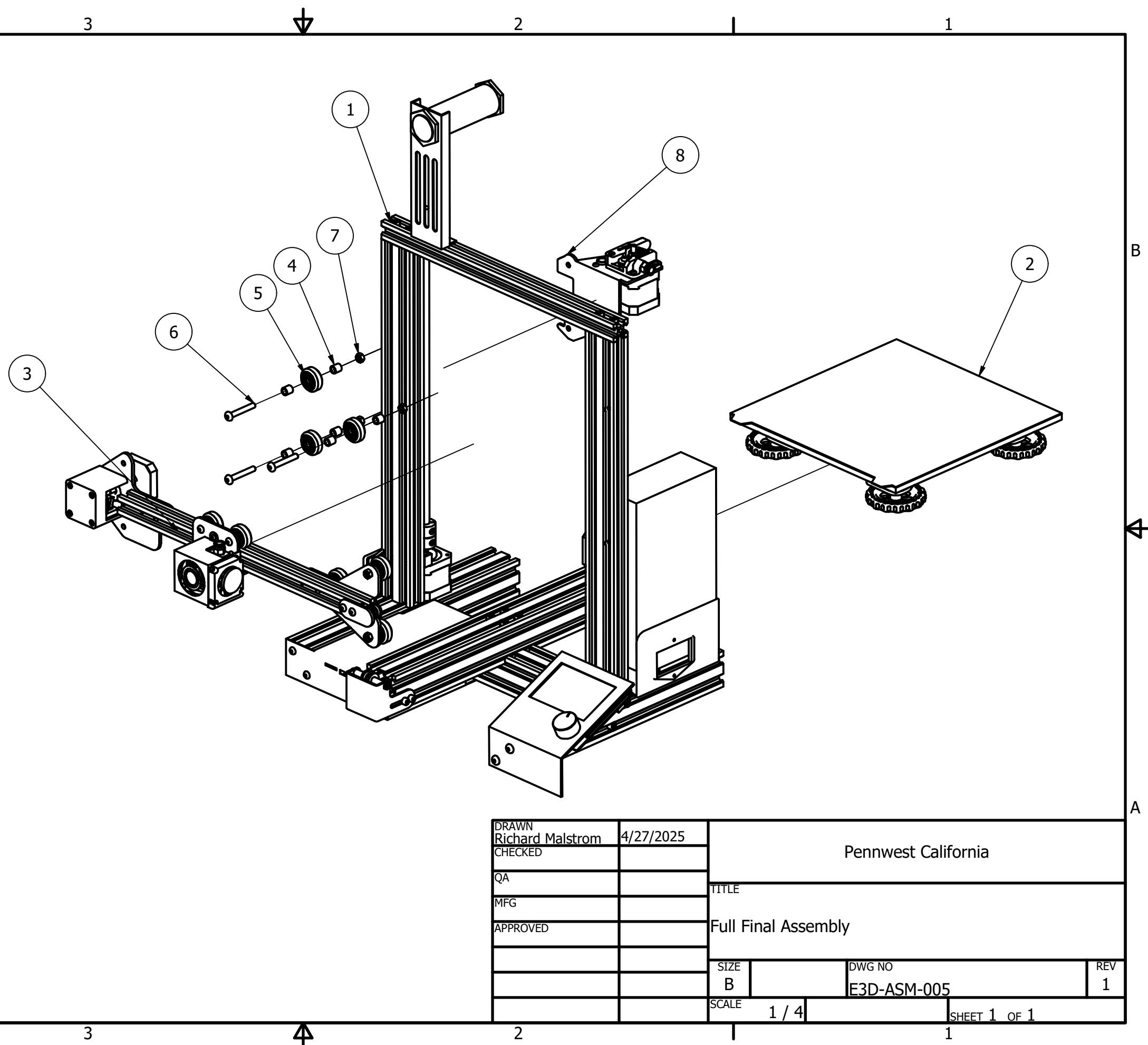
1

DRAWN Richard Malstrom	4/26/2025	Pennwest California		
CHECKED		TITLE		
QA		Extruder Exploded View		
MFG				
APPROVED		SIZE B	DWG NO E3D-ASM-004	
		SCALE 1 : 1	REV 1	
			SHEET 1 OF 1	



# fullAssembly

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	E3D-ASM-001	Main Frame with Sub-Assemblies, Aluminum extrusions with simple accessories
2	1	E3D-ASM-002	Y-Axis Assembly, All of the Y-Axis parts assembled
3	1	E3D-ASM-003	X-Axis Assembly, All of the X-Axis pieces assembled
4	6	E3D-SPC-001	Simple Wheel Spacers, adds distance from V-Slot wheels to the plate
5	3	V-Wheel_Ø24.4mm	V-Slot Wheels, Designed by Einzelne Bauteile, Allows moving parts to roll on channels in the aluminum extrusions
6	3	ISO 7380-1 - M5 x 35	Hexagon Socket Button Head Screw - Product grade A
7	3	ISO 4032 - M5	Hexagon nuts, style 1 - Product grades A and B
8	1	E3D-ASM-004	Extruder Assembly, All of the extruder parts assembled

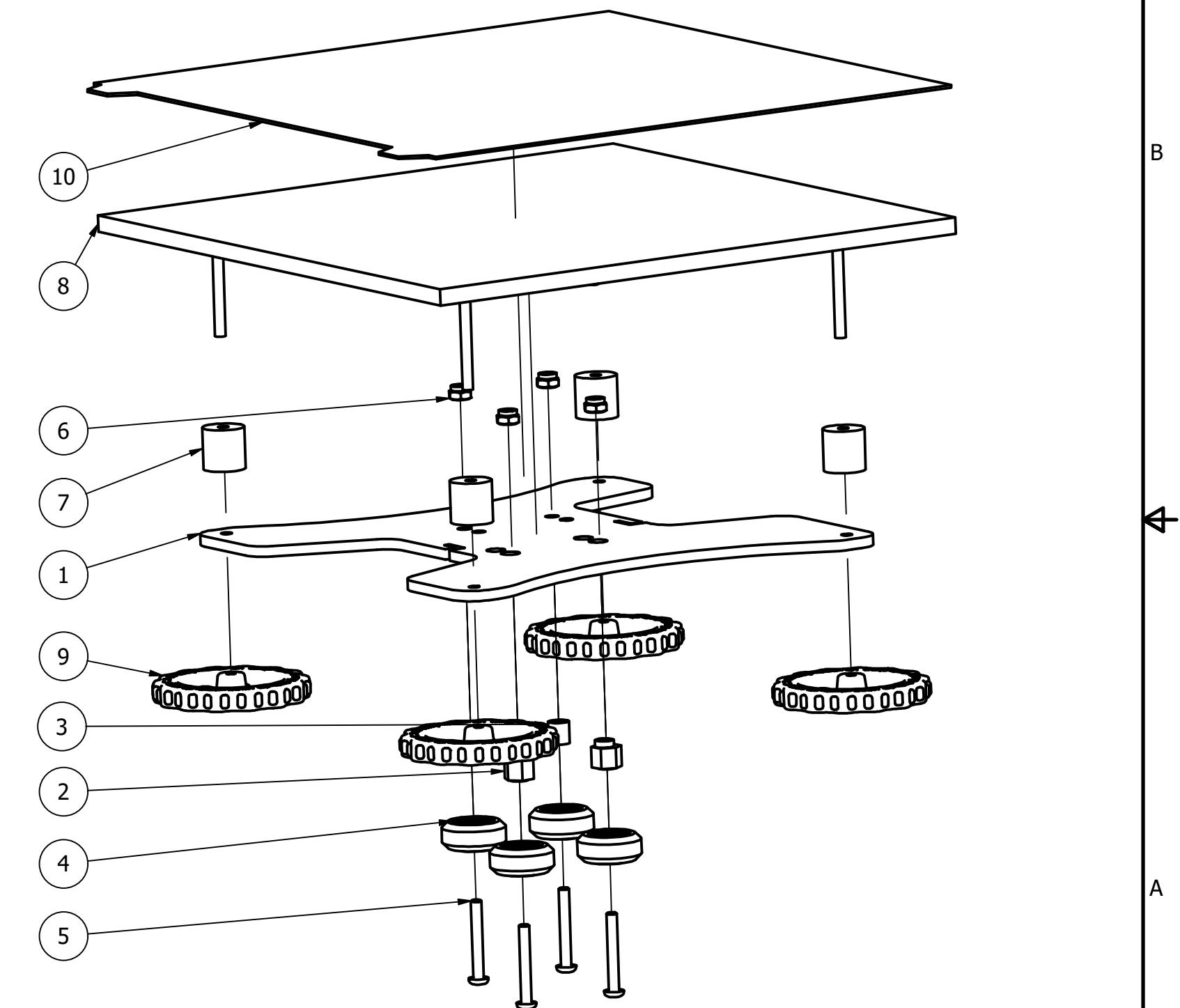


DRAWN Richard Malstrom	4/27/2025	Pennwest California		
CHECKED				
QA		TITLE		
MFG		Full Final Assembly		
APPROVED				
		SIZE B	DWG NO E3D-ASM-005	REV 1
		SCALE 1 / 4	SHEET 1 OF 1	

# fullYAxisAssembly

DRAWN	Richard Malstrom	4/20/2025	Pennwest California
CHECKED			
QA			
MFG			
APPROVED			Y-Axis Exploded View
	SIZE B	DWG NO E3D-ASM-002	REV 1
	SCALE 1 / 2		SHEET 1 OF 1

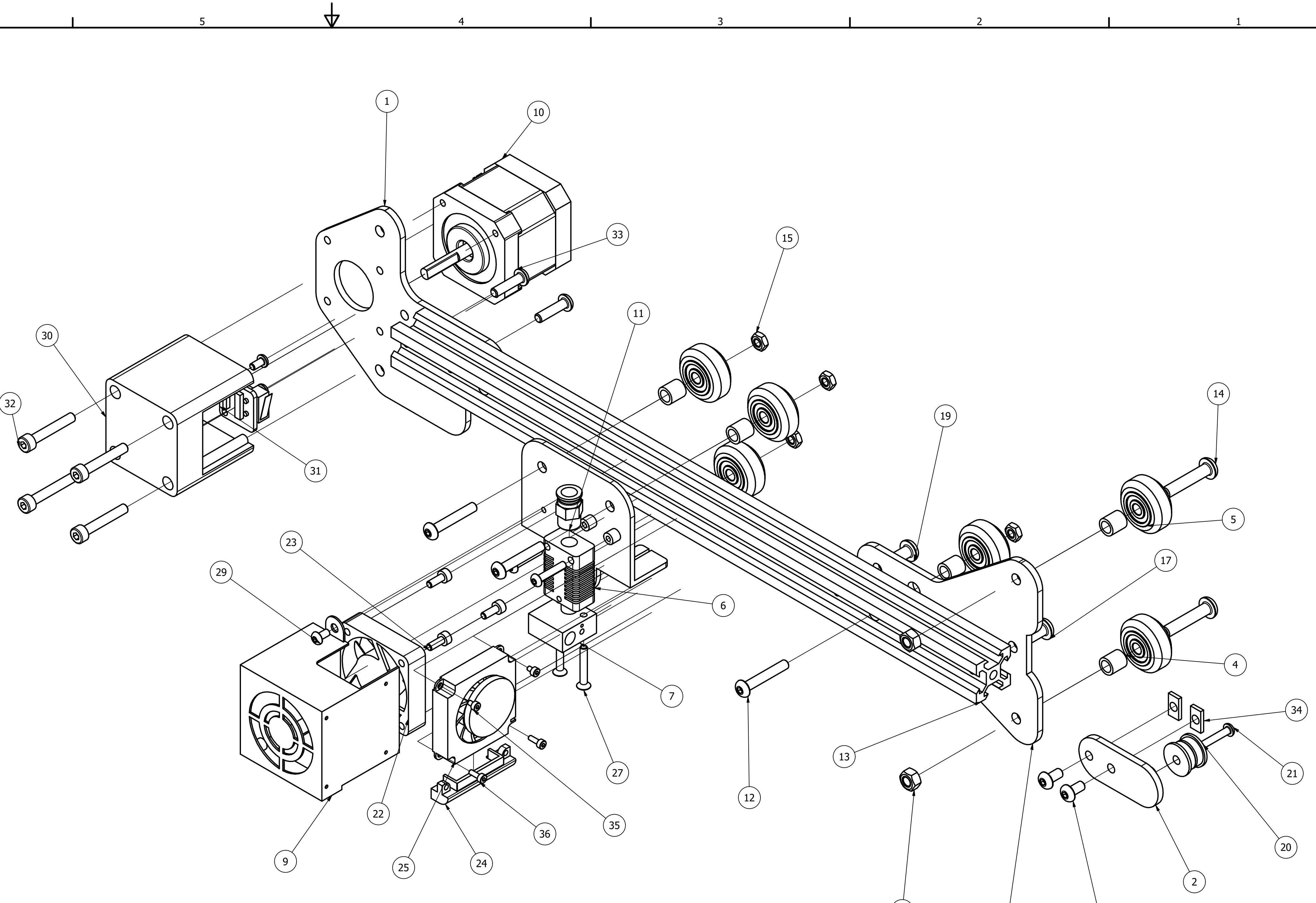
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	E3D-PLT-002	Y-Axis Bed Carriage Plate, From Creality's GitHub, Mounts the build plate to the Y-Axis
2	2	E3D-SPC-002	Eccentric Column, Spaces out V-Slot wheels and adjusts tension
3	2	E3D-SPC-001	Simple Wheel Spacers, adds distance from V-Slot wheels to the plate
4	4	V-Wheel_Ø24.4mm	V-Slot Wheels, Designed by Einzelne Bauteile, Allows moving parts to roll on channels in the aluminum extrusions
5	4	ISO 7380-1 - M4 x 30	Hexagon Socket Button Head Screw - Product grade A
6	4	ISO 7042 - M5	Prevailing torque type all-metal hexagon nuts
7	4	E3D-SPC-003	Rubber Build Plate Spacers,
8	1	E3D-BSF-002	Heated Bed, Provides heated build surface to prevent warping and increase adhesion
9	4	E3D-SCR-003	Hand Twisted Nut, From Creality's GitHub, Allows for easy adjustment of 4 points of bed level
10	1	E3D-BSF-001	PEI Sheet/Build Plate, Flexible, magnetic building plate



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PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	E3D-BKT-001	X-Motor bracket, attaches print head motor to X-Gantry
2	1	E3D-BKT-007	X-Axis Belt Tensioner, Manages the tension on the X-Axis belt
3	1	E3D-BKT-004	X-Axis Right Gantry Plate, Connects the V-Slot wheels to right side of the X-Axis
4	5	E3D-SPC-001	Simple Wheel Spacers, adds distance from V-Slot wheels to the plate
5	6	V-Wheel_Ø24.4mm	V-Slot Wheels, Designed by Einzelne Bauteile, Allows moving parts to roll on channels in the aluminum extrusions
6	1	E3D-PLT-003	Extruder Plate, Mounts the extruder to the X-Axis
7	1	E3D-BSF-003	Hot End Assembly, Does all of the melting and temperature control for the printing process
8	1	E3D-SCR-005	Nozzle 0.4 mm, Controls the size of the extrusion and forming the layer lines
9	1	E3D-SMC-003	Fan Cover, Holds the fans in the correct orientation, and covers the hot end
10	1	E3D-MTR-001	Stepper Motor, From Ivan on GrabCAD, Simple 42 mm stepper motor that runs all of the motion
11	1	E3D-PHR-007	Pneumatic Joint, From Creality's GitHub, Holds onto both ends of the PTFE tubing
12	4	ISO 7380-1 - M4 x 25	Hexagon Socket Button Head Screw - Product grade A
13	1	E3D-EXT-002	X-Gantry Extrusion, Aluminum Extrusion for the X-Gantry
14	2	ISO 7380-1 - M5 x 25	Hexagon Socket Button Head Screw - Product grade A
15	4	ISO 4032 - M4	Hexagon nuts, style 1 - Product grades A and B
16	2	ISO 4032 - M5	Hexagon nuts, style 1 - Product grades A and B
17	1	ISO 7380-1 - M5 x 10	Hexagon Socket Button Head Screw - Product grade A
18	2	ISO 7380-1 - M4 x 8	Hexagon Socket Button Head Screw - Product grade A
19	1	ISO 7380-1 - M5 x 12	Hexagon Socket Button Head Screw - Product grade A
20	2	E3D-BRG-002	Belt Tension Rollers, Guides and adds tension to the various belts
<b>xAxisAssembly</b>	3	ISO 7380-1 - M3 x 16	Hexagon Socket Button Head Screw - Product grade A
	22	1	E3D-PHR-005
	23	4	BS EN ISO 4762 - M3 x 8
	24	1	E3D-PHR-006
	25	1	E3D-PHR-004
	26	1	E3D-SPC-002
	27	2	ISO 10642 - M3 x 20
	28	1	ISO 4026 - M3 x 5
	29	4	ISO 7380-1 - M3 x 6
	30	1	E3D-BKT-015
<b>xAxisAssembly</b>	31	1	E3D-SWT-001
	32	4	BS EN ISO 4762 - M4 x 25
	33	2	ISO 7380-1 - M4 x 16
	34	2	E3D-SCR-007
	35	2	ISO 4762 - M2 x 3
	36	2	ISO 4762 - M2 x 6
			Hexagon Socket Head Cap Screw
			Hexagon Socket Head Cap Screw
			Hexagon Socket Head Cap Screw
			Hexagon Socket Head Cap Screw
			Hexagon Socket Head Cap Screw
			Hexagon Socket Head Cap Screw
			Hexagon Socket Head Cap Screw
			Hexagon Socket Head Cap Screw
			Hexagon Socket Head Cap Screw



DRAWN Richard Malstrom	4/27/2025	Pennwest California					
CHECKED							
QA		TITLE X-Axis Assembly					
MFG							
APPROVED		SIZE	D	DWG NO	E3D-ASM-003	REV	1
SCALE	1 : 1	SHEET	1	OF	1		