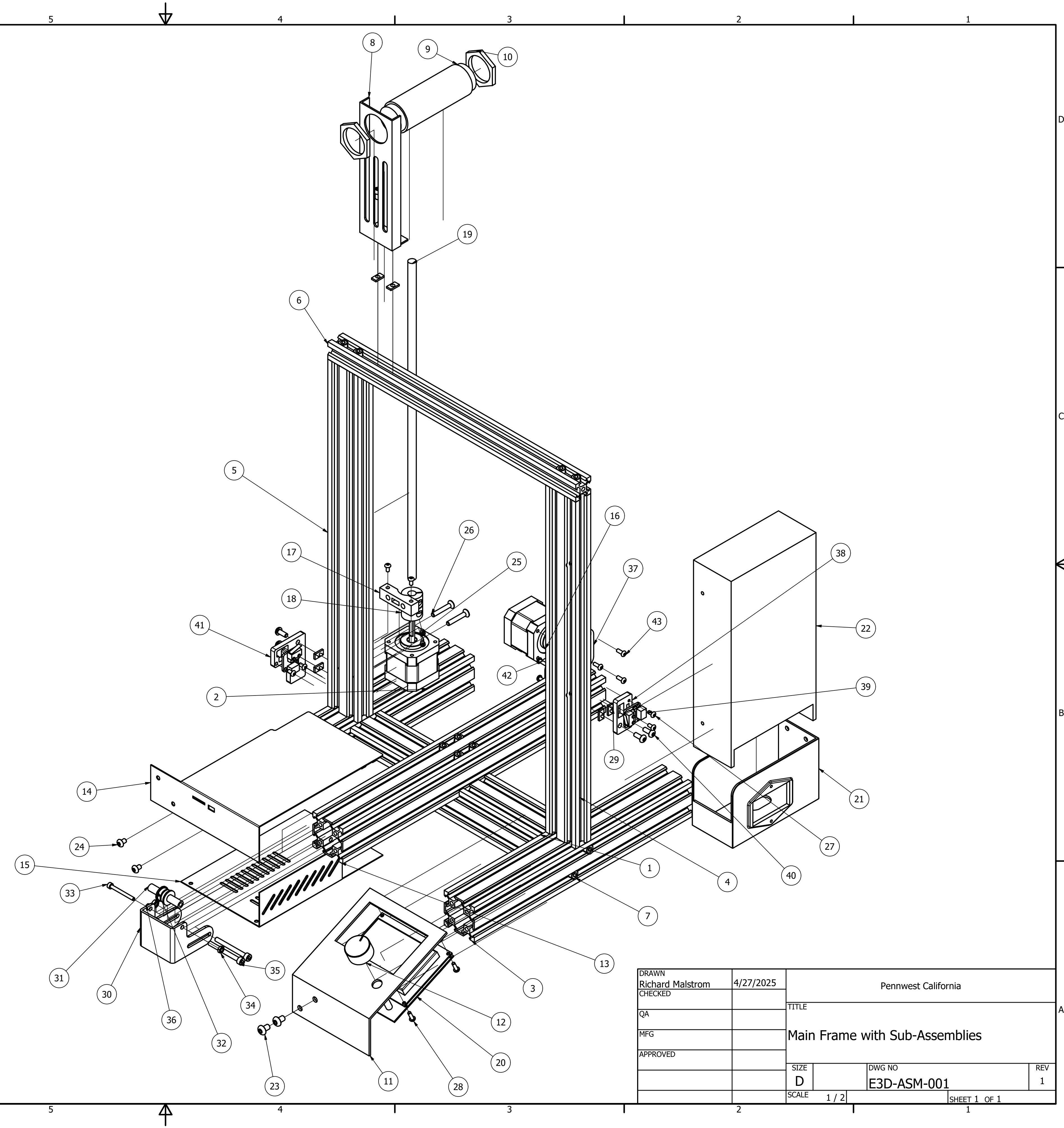


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	E3D-EXT-005	Central Extrusion, Holds the frame together and allows cables to route through it
2	1	E3D-EXT-006	Left Base Extrusion, Holds the left side of the frame up
3	1	E3D-EXT-007	Right Base Extrusion, Holds up the right side of the frame
4	1	E3D-EXT-004	Right Upright Extrusion, Holds the X-Axis and the power supply
5	1	E3D-EXT-003	Left Upright Profile, Holds the X-Axis and the Z-Axis controls
6	1	E3D-EXT-001	Top Cross Bar, Holds the frame rigid at the top
7	16	BS EN ISO 4762 - M5 x 50	Hexagon Socket Head Cap Screw
8	1	E3D-SMC-004	Support Frame (Filament Holder), Metal bracket that holds up the filament spool
9	1	E3D-SCR-009	Support Tube (Filament Holder), Hold the filament rolls by going through the center
10	2	E3D-SCR-008	M30 Plastic Nut, Screws onto the filament spool holder to secure the filament rolls
11	1	E3D-BKT-009	LCD Support Bracket, Holds the LCD PCB in place
12	1	E3D-SCR-004	LCD Knob, Allows for fine control of the printer's firmware
13	1	E3D-EXT-008	Y-Axis Extrusion, Holds all of the Y-Axis components
14	1	E3D-SMC-002	Bottom Sheet Metal Cover, Bottom part of the container for the motherboard and core wiring
15	1	E3D-SMC-001	Bottom Sheet Metal Cover, Bottom part of the container for the motherboard and core wiring
16	2	E3D-MTR-001	Stepper Motor, From Ivan on GrabCAD, Simple 42 mm stepper motor that runs all of the motion
17	1	E3D-BKT-002	Z-Axis Motor Mount, Holds the Z-Axis motor to the left vertical aluminum extrusion
18	1	E3D-BKT-014	Z-Axis Lead Screw Nut Bracket, Connects the lead screw to the Z-Axis motor
19	1	E3D-SCR-001	Threaded Rod, Controls movement of Z-Axis
20	1	E3D-PHR-003	LCD Placeholder, From Creality's GitHub, This is a placeholder for the LCD PCB
21	1	E3D-PHR-002	Power Supply Mount, From Creality's GitHub, Holds the power supply to the printer frame
22	1	E3D-PHR-001	Power Supply Placeholder, From Creality's GitHub, Supplies power to the rest of the printer
23	4	ISO 7380-1 - M5 x 8	Hexagon Socket Button Head Screw - Product grade A
24	2	ISO 7380-1 - M4 x 6	Hexagon Socket Button Head Screw - Product grade A
25	2	BS EN ISO 4762 - M2.5 x 4	Hexagon Socket Head Cap Screw
26	2	BS 4168 - M4 x 25	Hexagon socket countersunk and button head screws - Metric series
27	8	ISO 7380-1 - M3 x 6	Hexagon Socket Button Head Screw - Product grade A
28	4	ISO 7380-1 - M3 x 10	Hexagon Socket Button Head Screw - Product grade A
29	6	E3D-SCR-007	T-Slot Nut, Attaches parts to the V-Slot in aluminum extrusions
30	1	E3D-BKT-005	Y-Axis Belt Tensioner Block, Allows you to adjust tension on the Y-Axis belt
31	2	E3D-SPC-004	Tension Roller Spacers, Keeps the tension rollers centered and allows for smooth and consistent belt movement
32	2	E3D-BRG-002	Belt Tension Rollers, Guides and adds tension to the various belts
33	1	ISO 4762 - M3 x 30	Hexagon Socket Head Cap Screw
34	1	ISO 4032 - M3.5	Hexagon nuts, style 1 - Product grades A and B
35	2	BS EN ISO 4762 - M4 x 40	Hexagon Socket Head Cap Screw
36	2	ISO 4032 - M4	Hexagon nuts, style 1 - Product grades A and B
37	1	E3D-BKT-006	Y-Axis Motor Mount, Mounts the Y-Axis stepper motor to the Y-Axis aluminum extrusion
38	1	E3D-BKT-013	Y Limit Switch Bracket, Holds the Y end stop to the Y-Axis
39	2	E3D-SWT-001	Limit Switch Placeholder, From Creality's GitHub, Sends a signal to the motherboard when the printer hits it, indicating 0 dim
40	4	ISO 7380-1 - M4 x 10	Hexagon Socket Button Head Screw - Product grade A
41	1	E3D-BKT-003	Z Limit Switch Bracket, Holds the Z end stop switch on the left vertical extrusion
42	2	ISO 7380-1 - M3 x 16	Hexagon Socket Button Head Screw - Product grade A
43	4	ISO 7380-1 - M3 x 8	Hexagon Socket Button Head Screw - Product grade A



DRAWN Richard Malstrom	4/27/2025	Pennwest California		
CHECKED		TITLE		
QA		Main Frame with Sub-Assemblies		
MFG				
APPROVED		SIZE D	DWG NO E3D-ASM-001	REV 1
		SCALE 1 / 2	SHEET 1 OF 1	