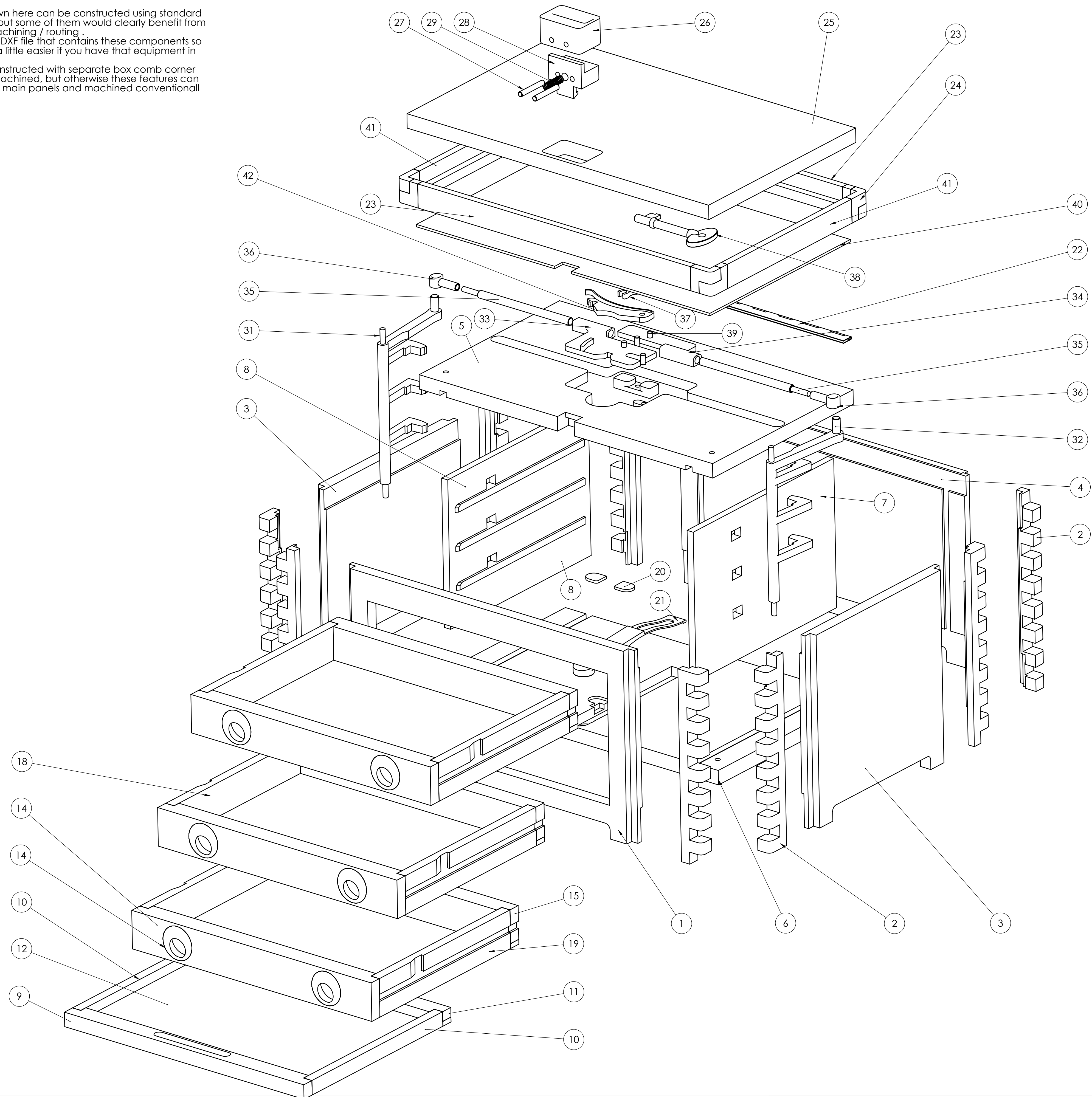


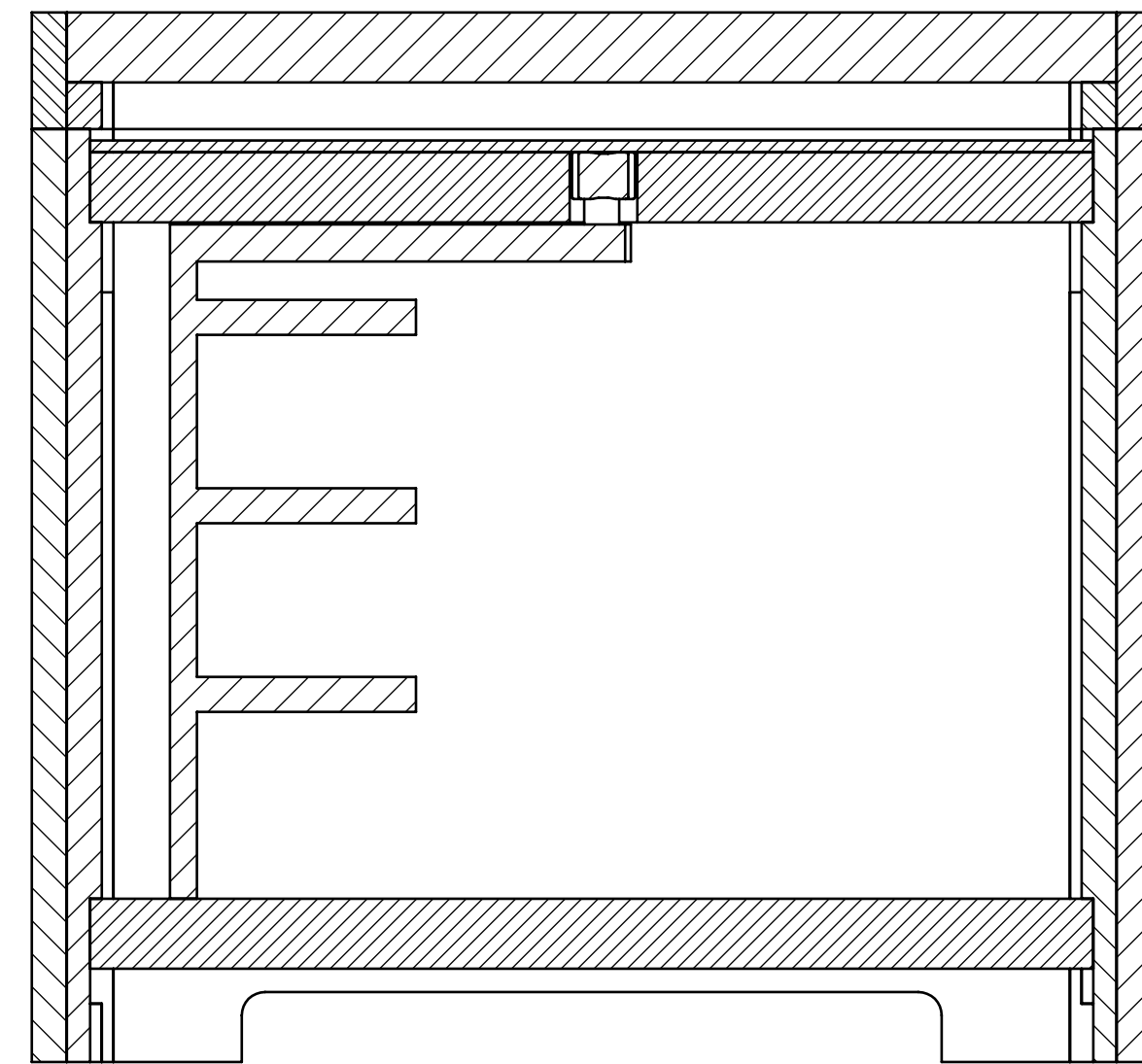
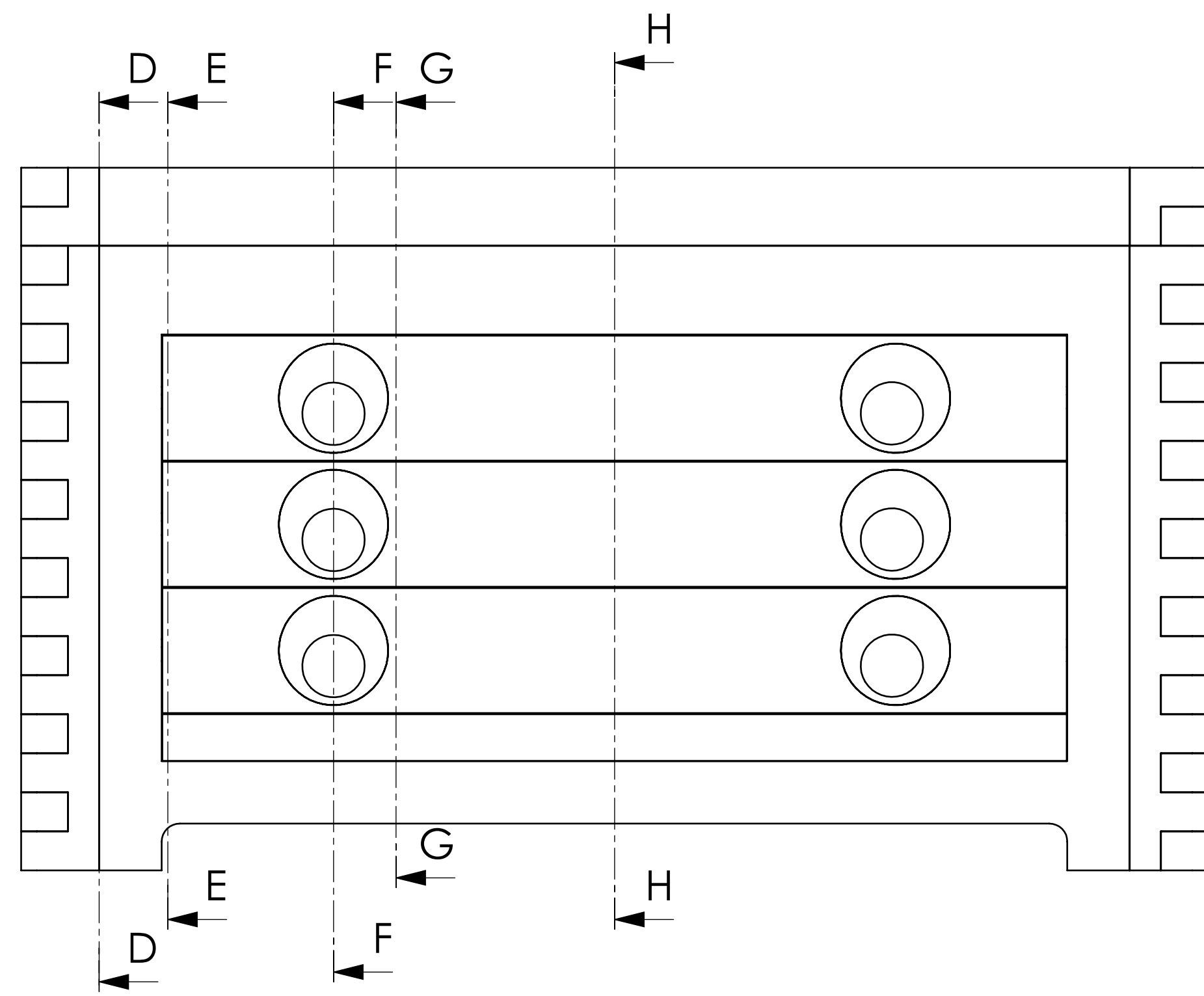
SECTION B-B
SCALE 1 : 1

All of the components shown here can be constructed using standard woodworking techniques, but some of them would clearly benefit from being made using CNC machining / routing .
I have created a separate DXF file that contains these components so that you can make things a little easier if you have that equipment in your workshop.
The basic box has been constructed with separate box comb corner peices that can be CNC machined, but otherwise these features can be simply included into the main panels and machined conventional on the ends.

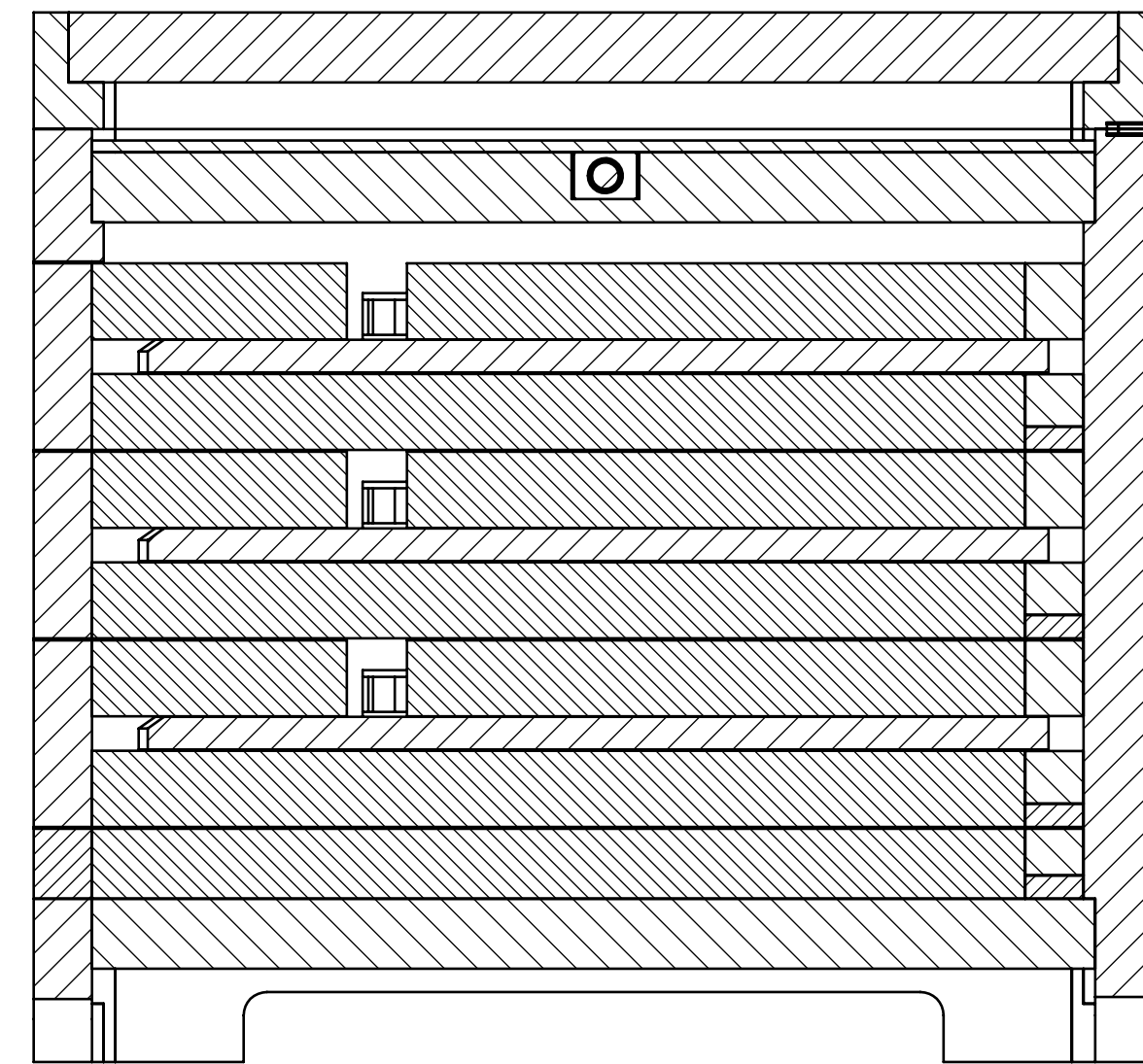


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Box Front Panel		1
2	Box Corner		8
3	Box Side Panel		2
4	Box Back Panel		1
5	Box Lock Panel		1
6	Box Base Panel		1
7	Draw support-LH		1
8	Draw support-RH		1
9	Small Draw Front Rail		1
10	Small Draw Side Rail		2
11	Small Draw Back Rail		1
12	Small Draw Bottom		1
13	spring for Box	Use any suitable stainless spring	2
14	Draw Front Rail		3
15	Draw Back Rail		3
16	Draw Bottom		3
17	Draw Handle		6
18	Draw Side Rail-LH		3
19	Draw Side Rail-RH		3
20	Bottom Draw Latch Retainer		2
21	Bottom Draw Latch		1
22	Hinge	Suitable Piano type hinge	2
23	Box Lid Front		2
24	Box Lid Corner		8
25	Box Lid Top		1
26	Box Lid Handle		1
27	Dowel		2
28	Box Lid Latch		1
29	spring for Box	Use any suitable stainless spring	1
31	Draw Lock LH		1
32	Draw Lock RH		1
33	Lock Slider LH		1
34	Lock SliderRH		1
35	Actuator Rod		2
36	Connector		2
37	Middle link	Brass	1
38	Key	Brass	1
39	Brass Pin	Ø0.25" dia x 0.5" long	4
40	Perspex Top Cover		1
41	Box Lid Side Panel		2
42	Lever Gate		1

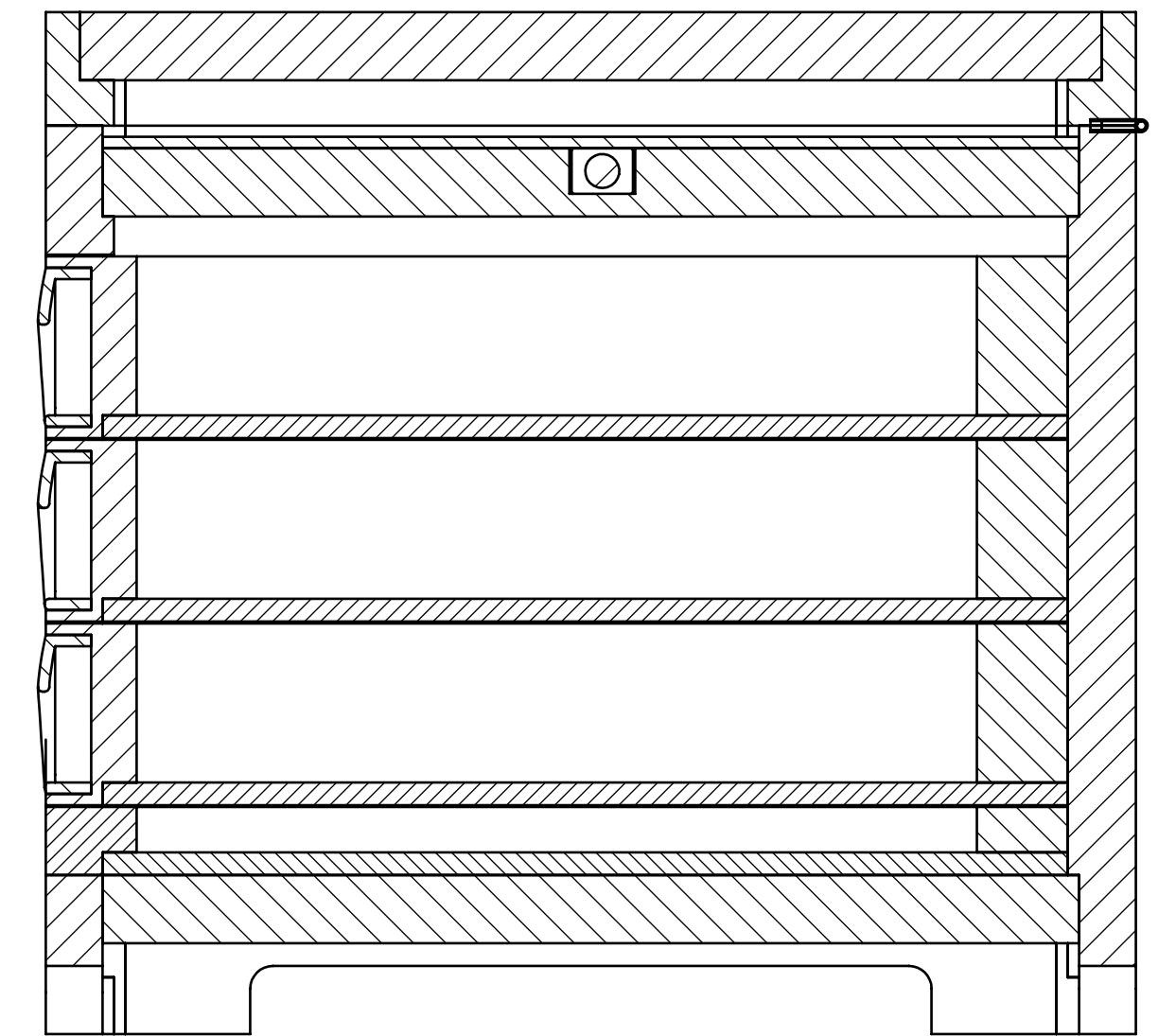
All the rest of the components can be made from hardwood, the general criteria is for a fine grained wood that retains detail when machined and sanded and resists splintering and distortion when machined.



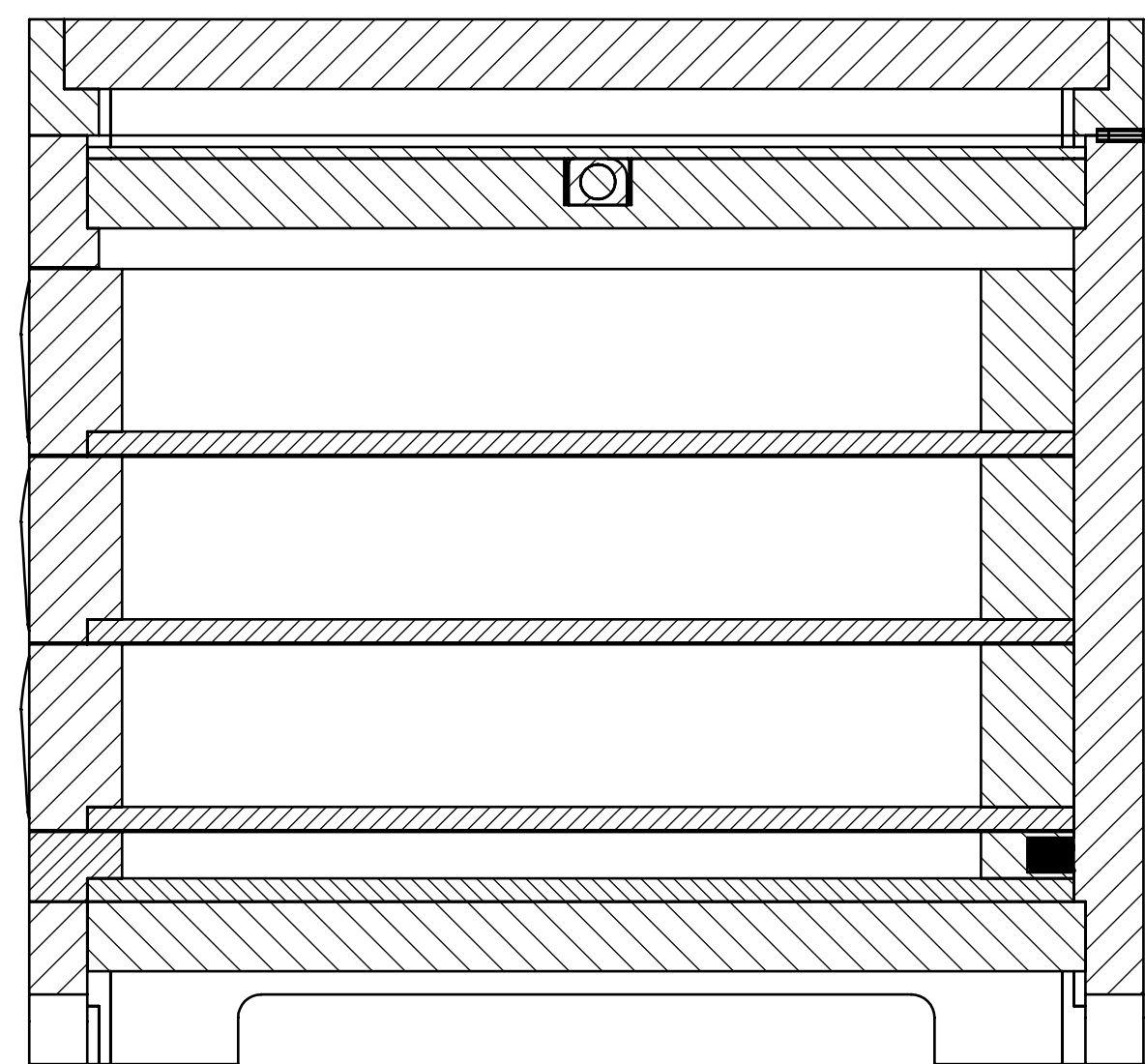
SECTION D-D



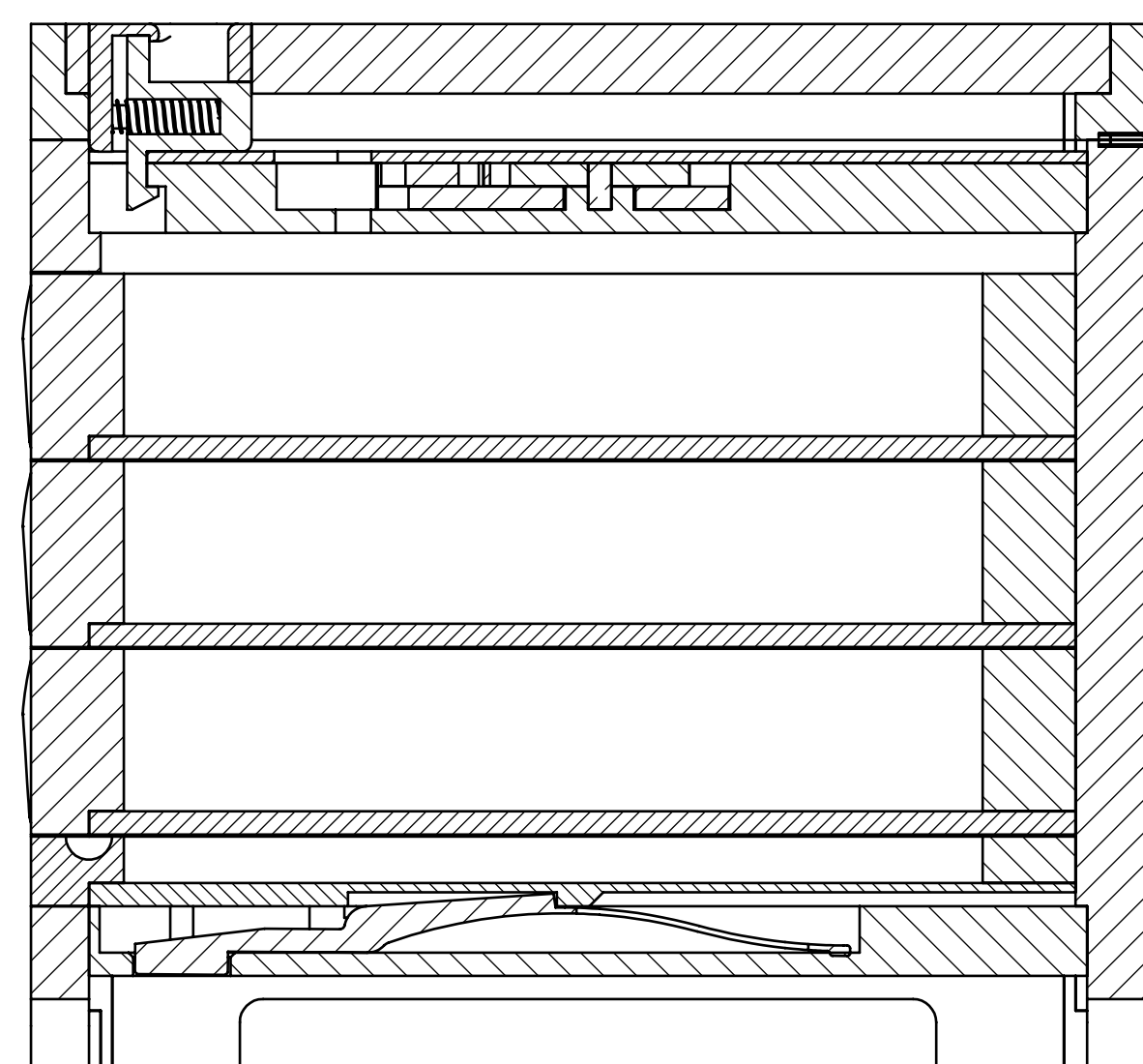
SECTION E-E



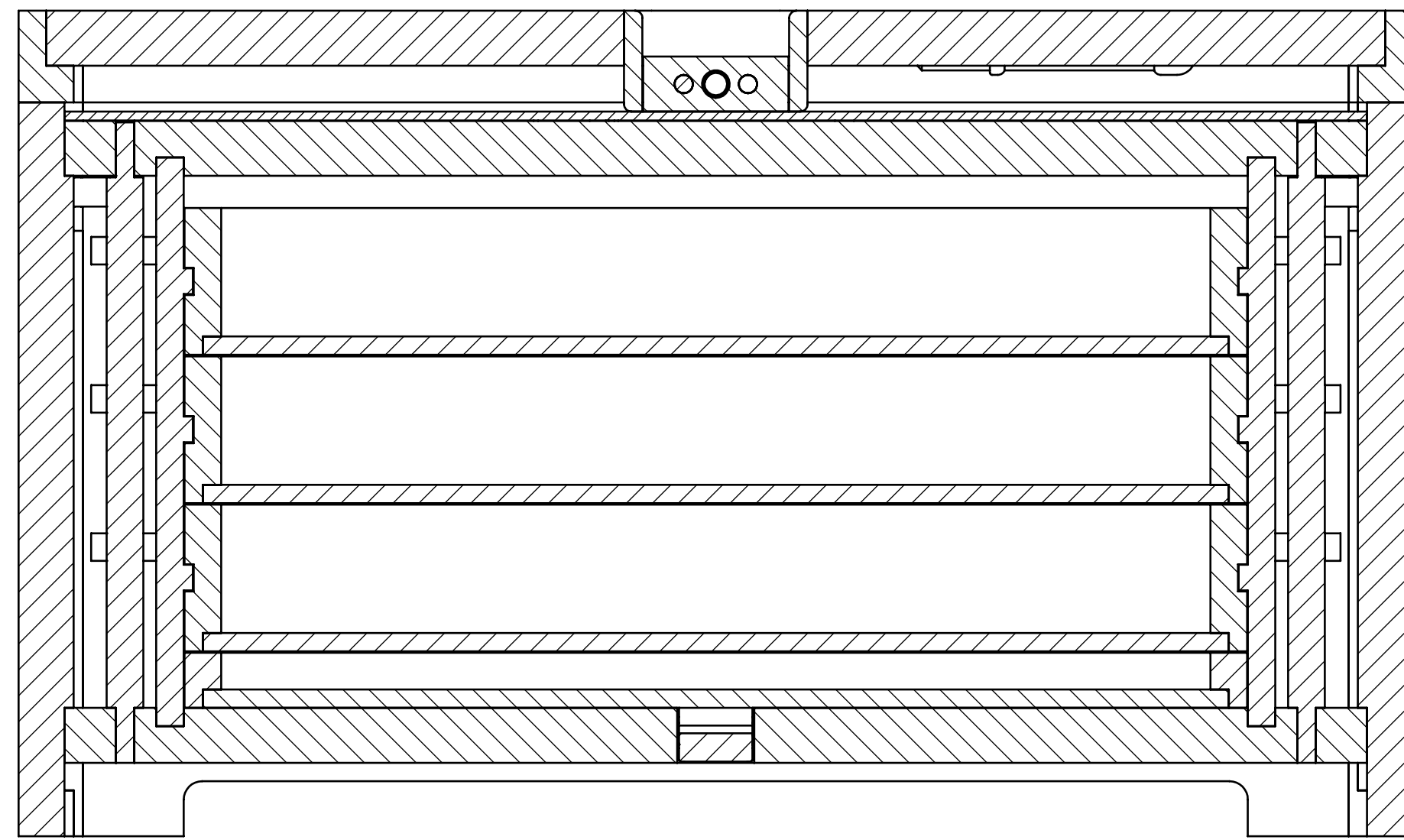
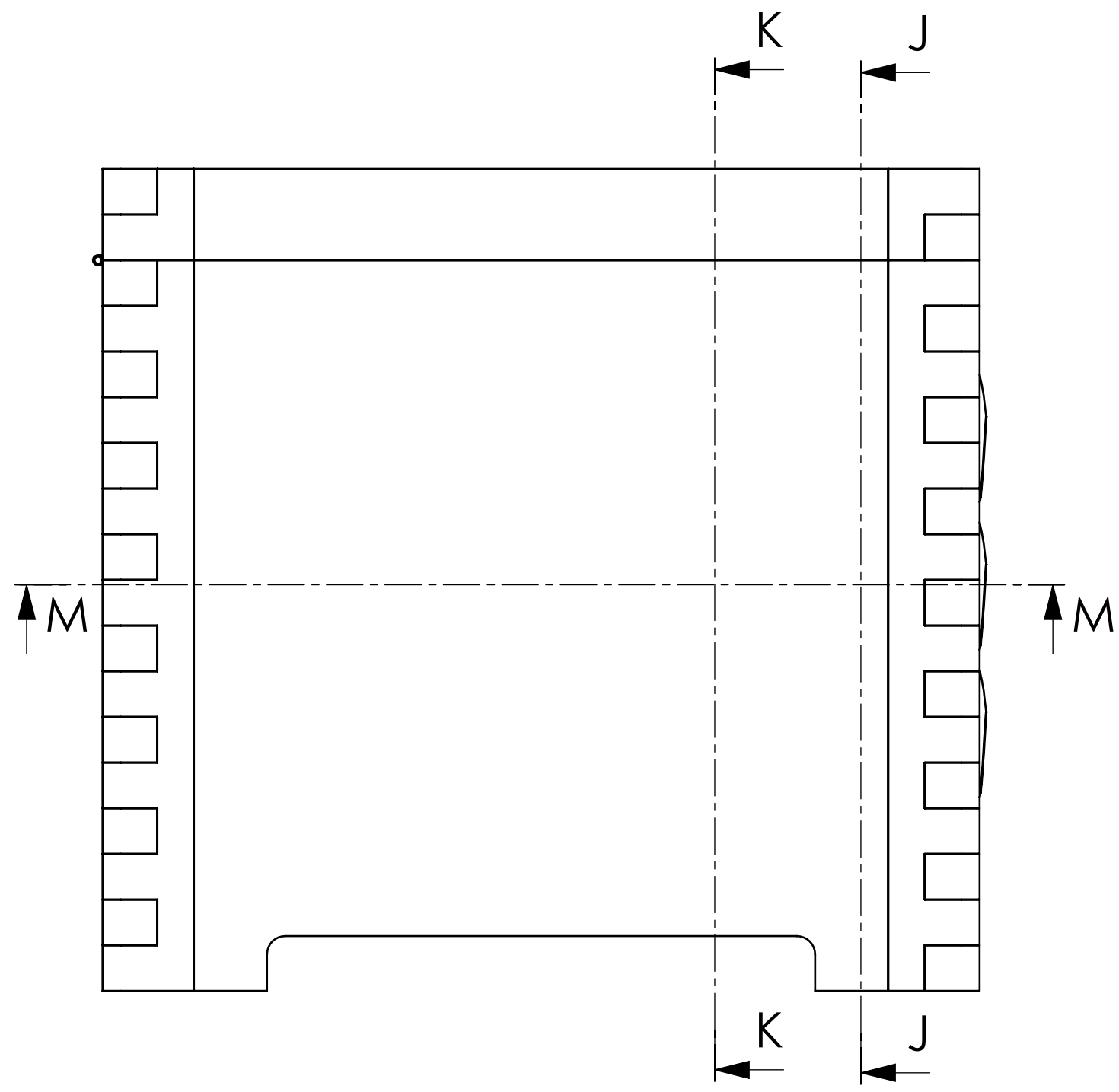
SECTION F-F



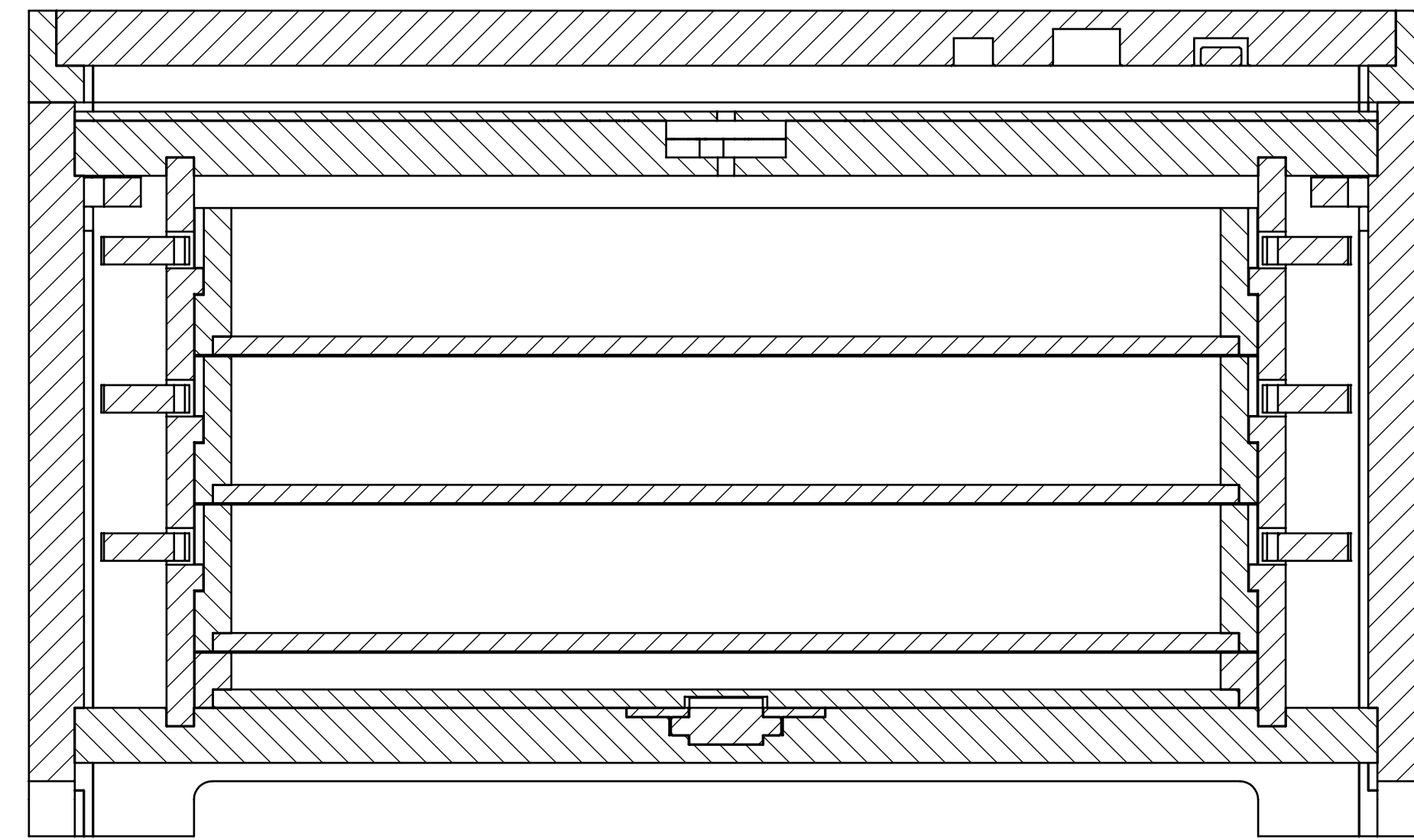
SECTION G-G



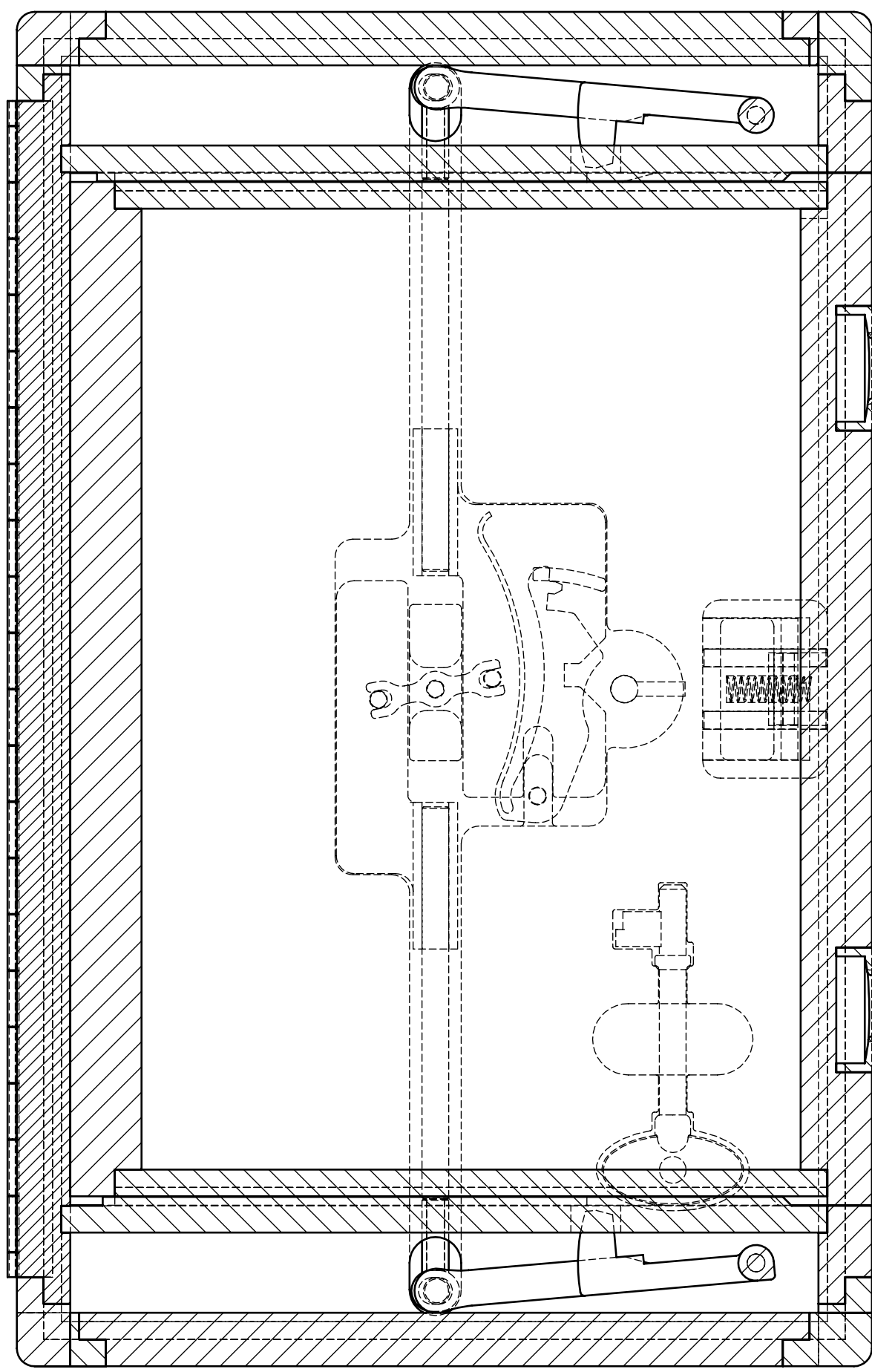
SECTION H-H



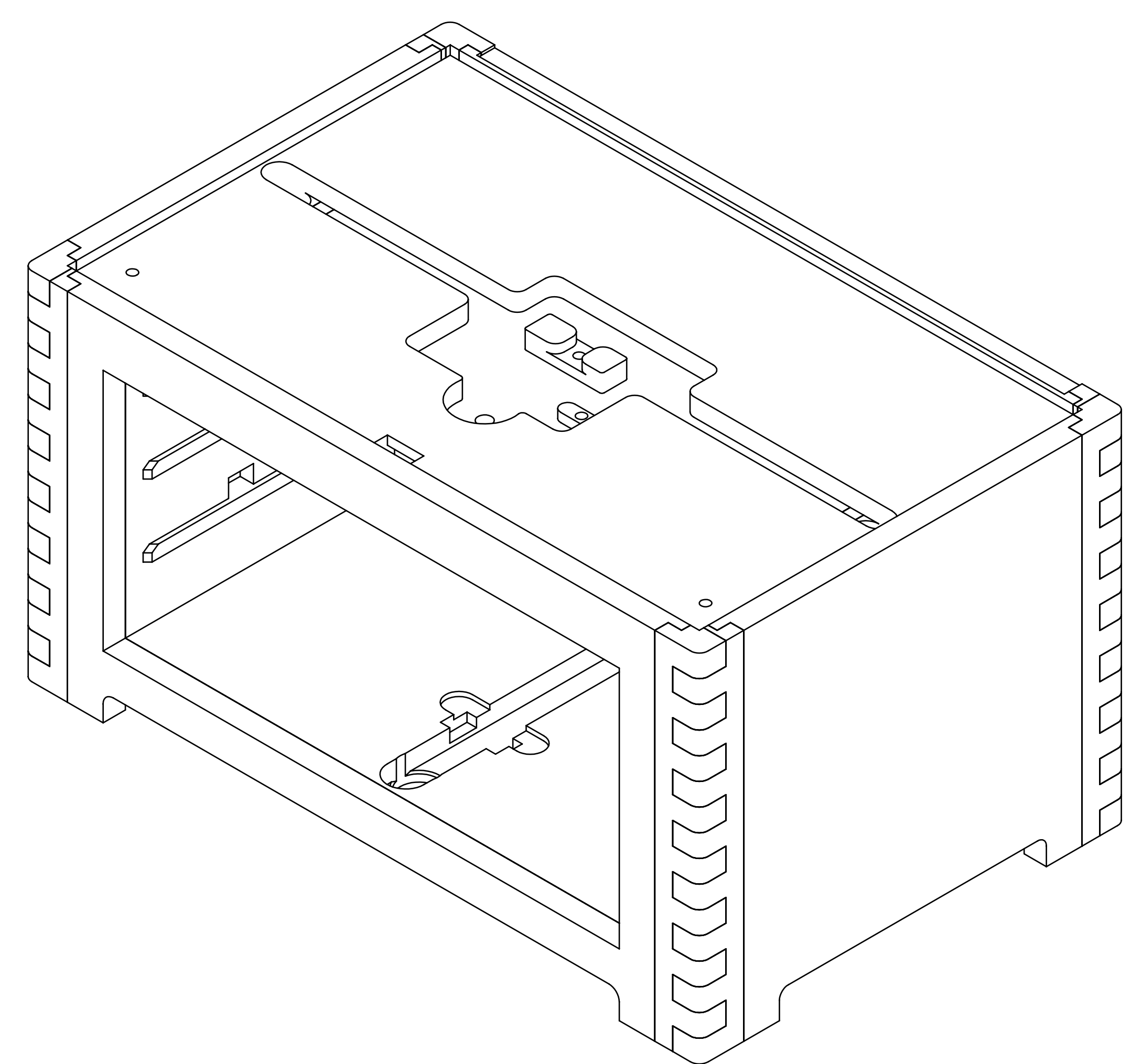
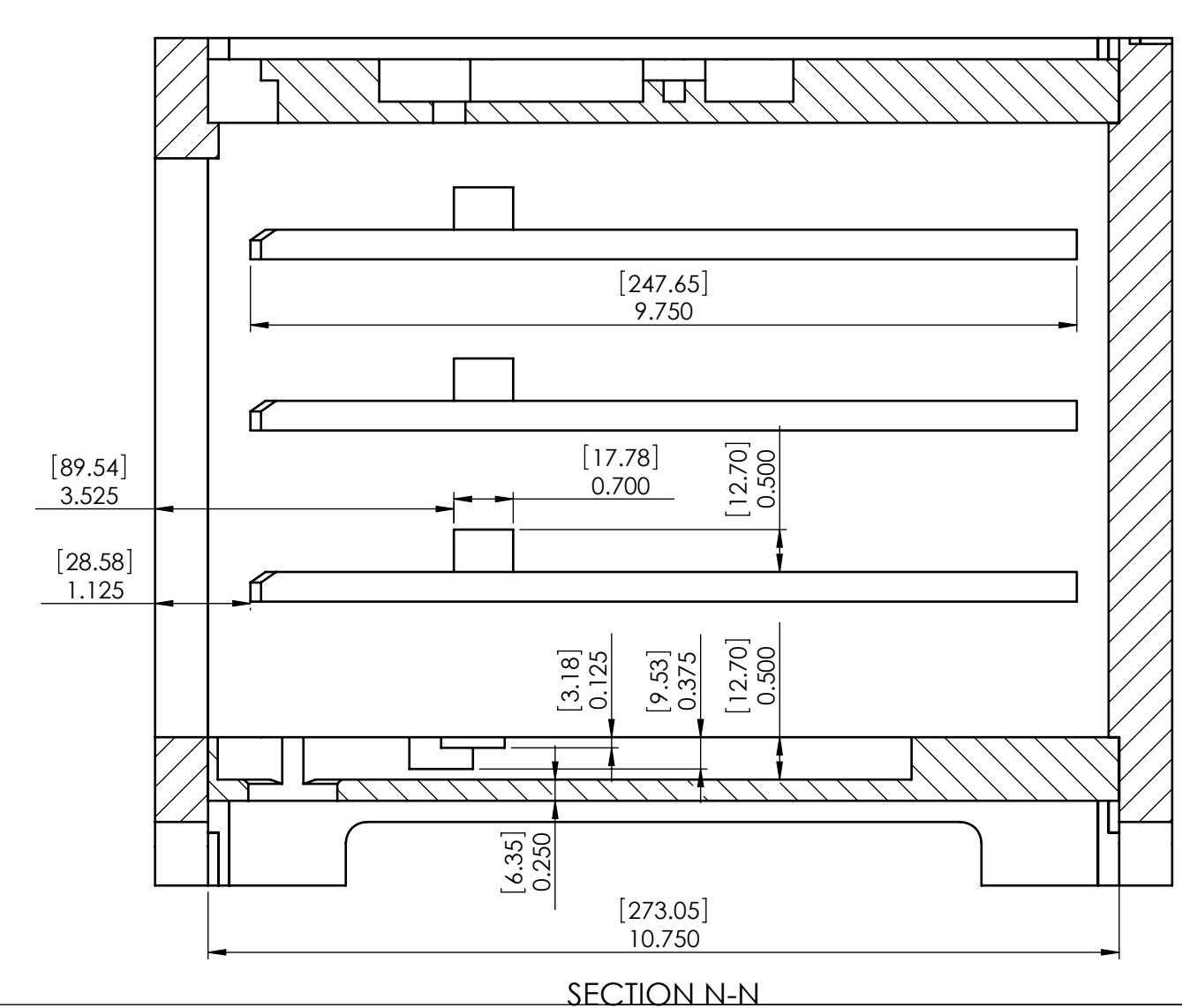
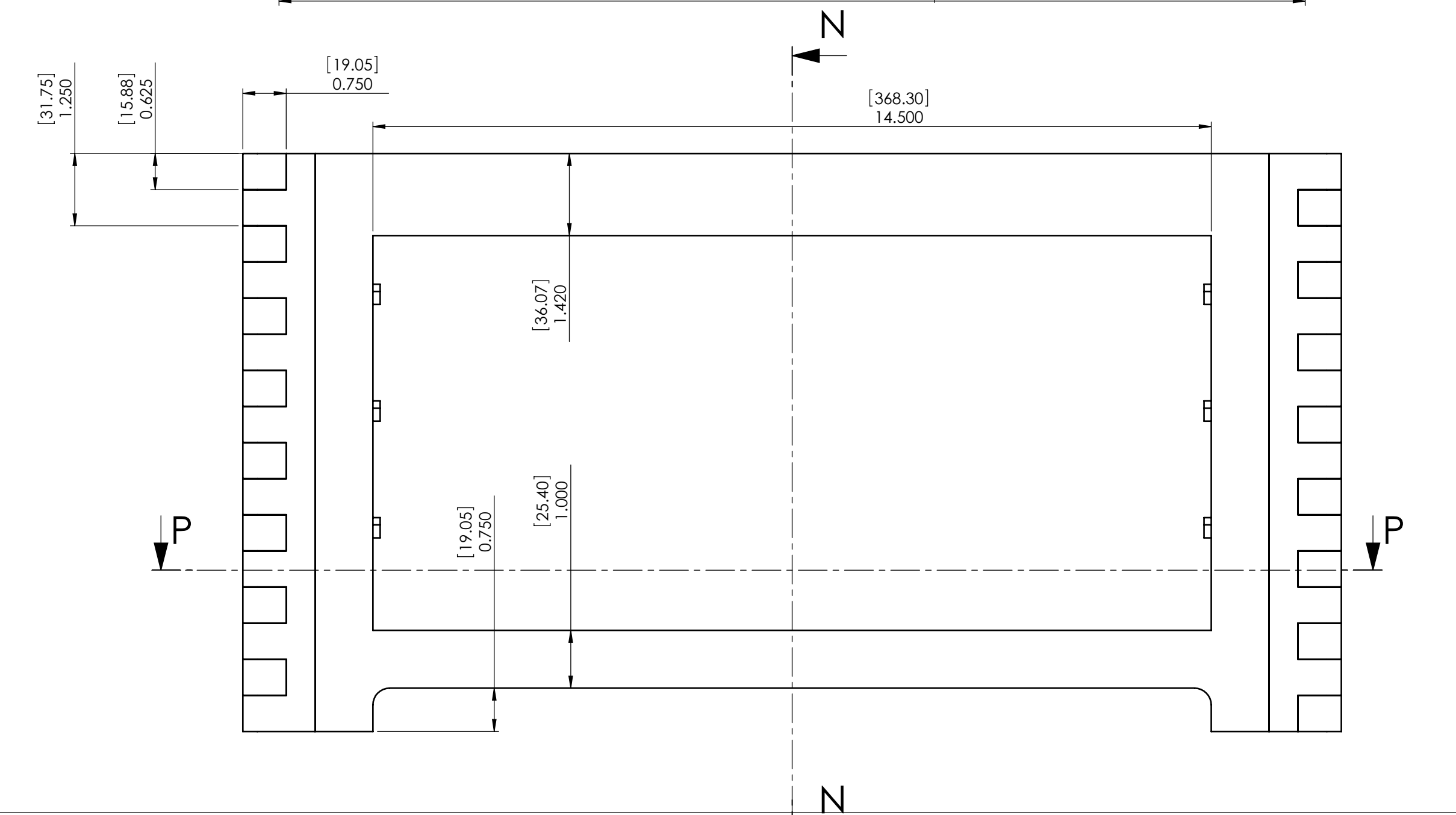
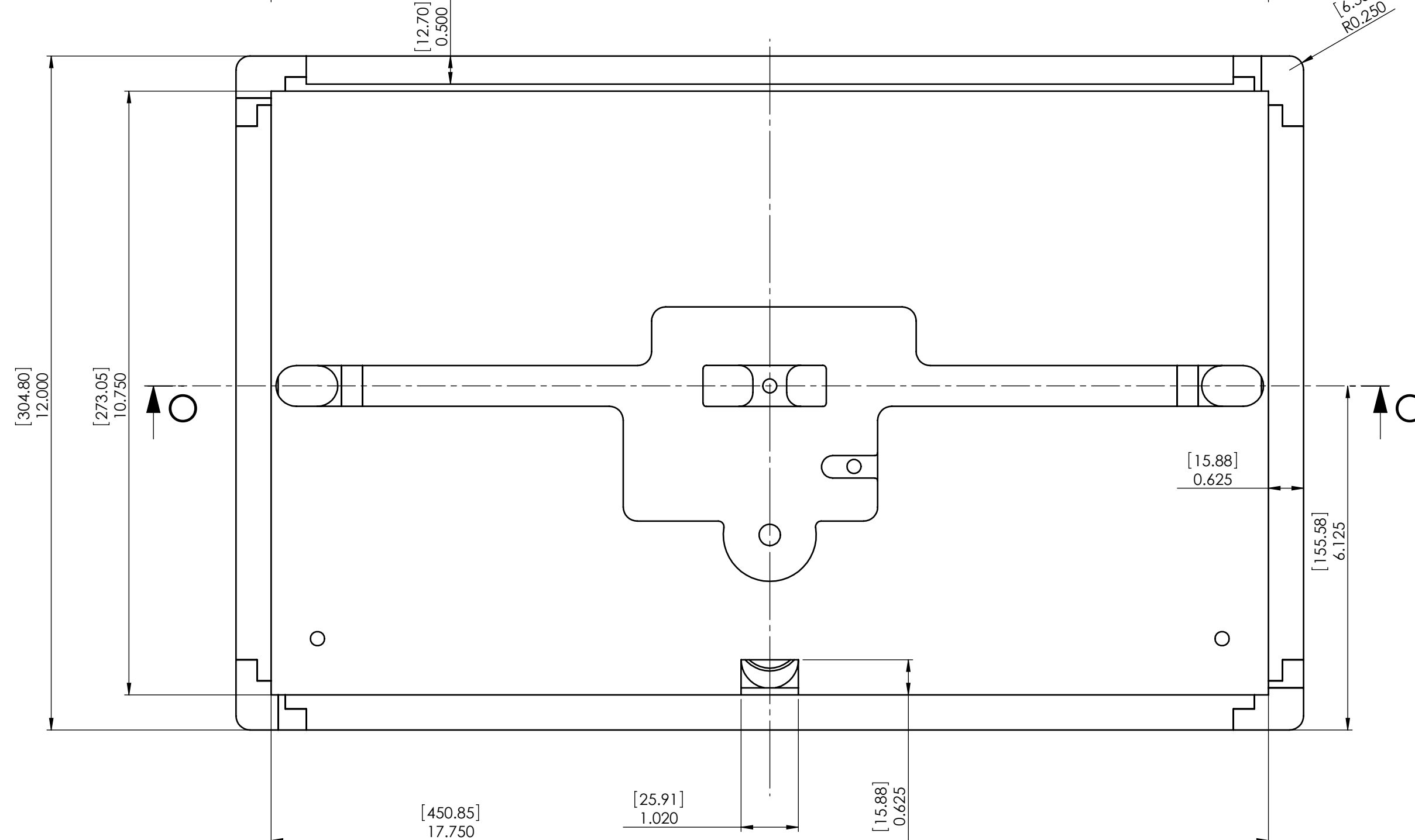
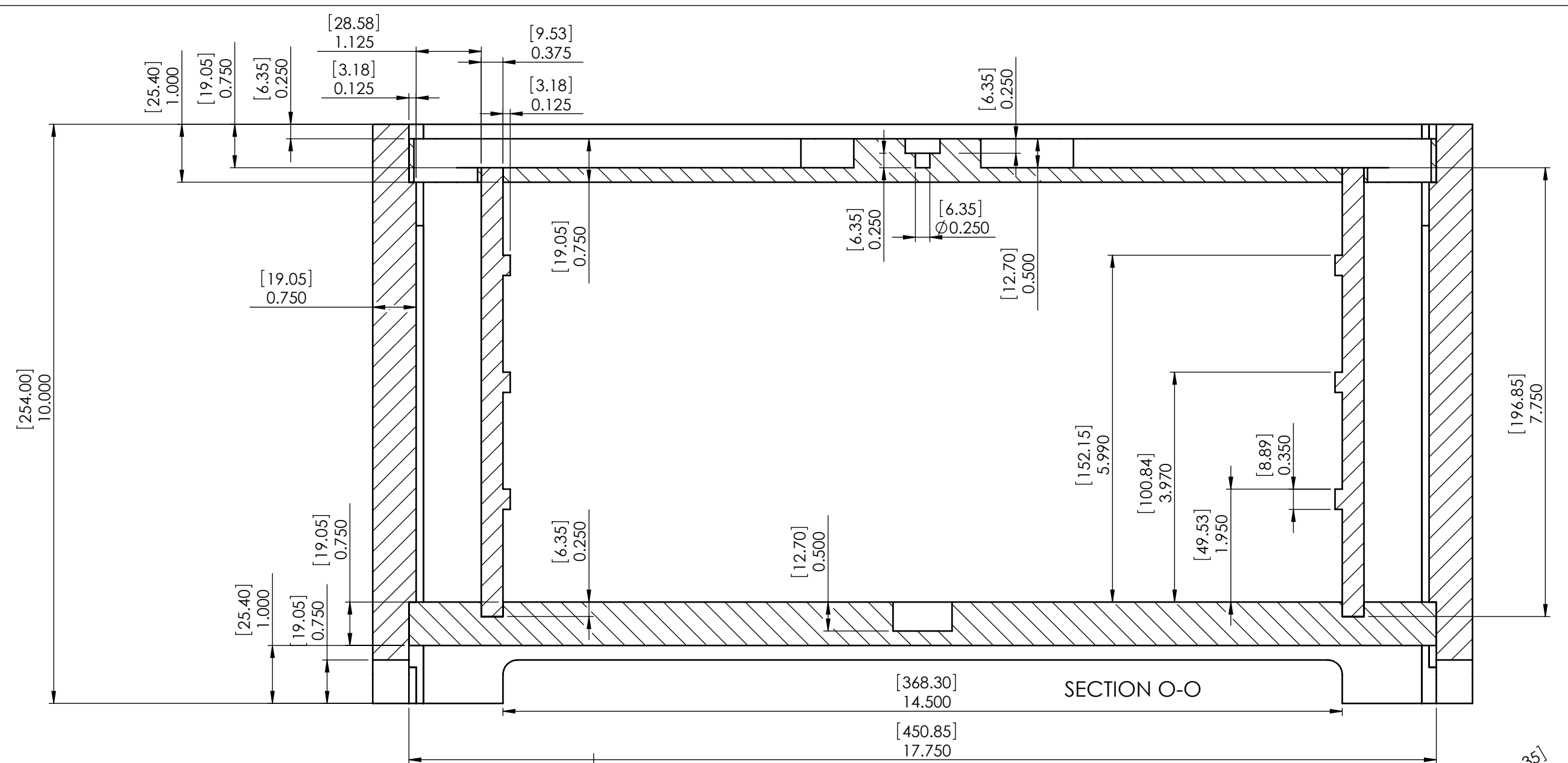
SECTION J-J



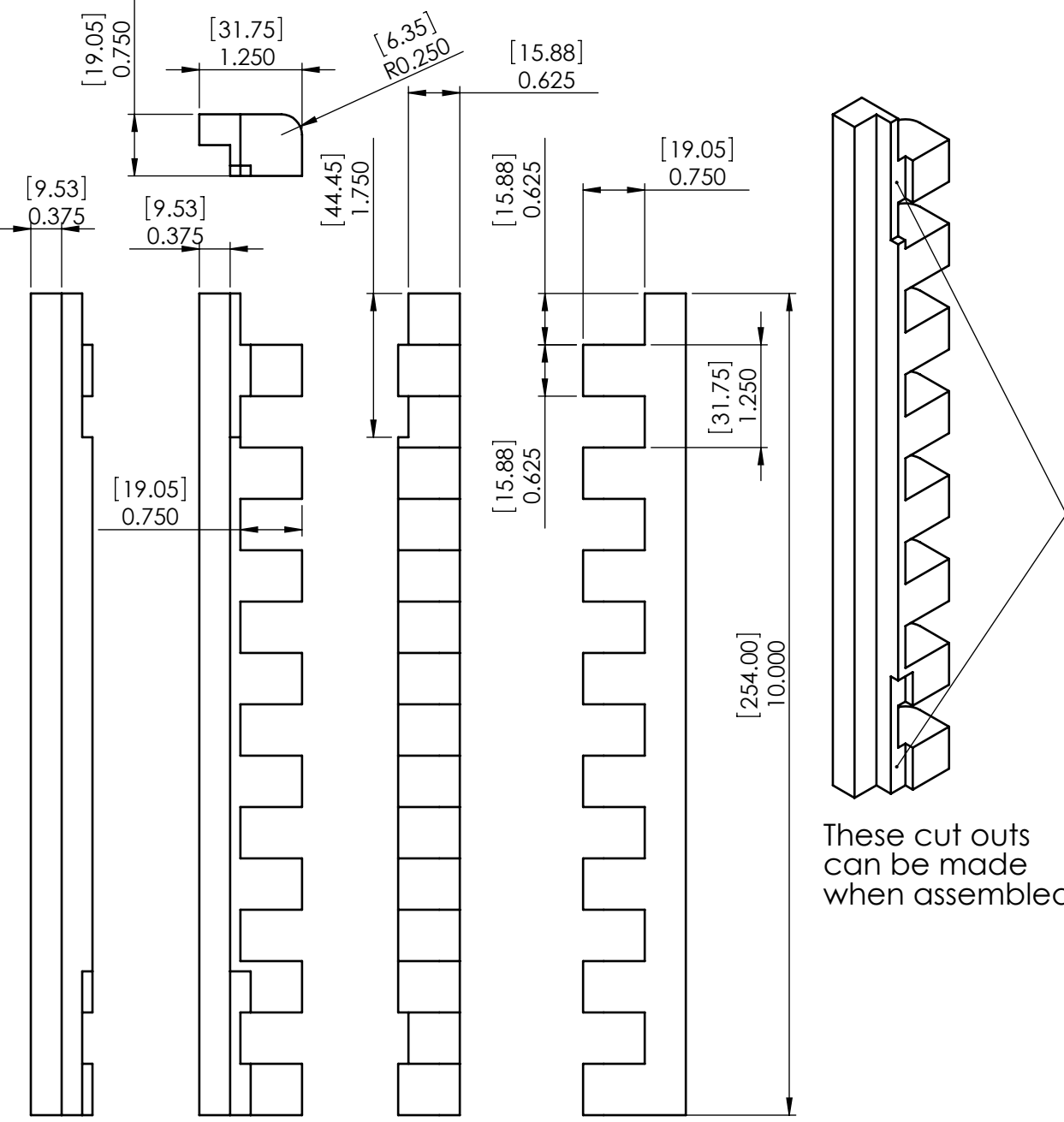
SECTION K-K



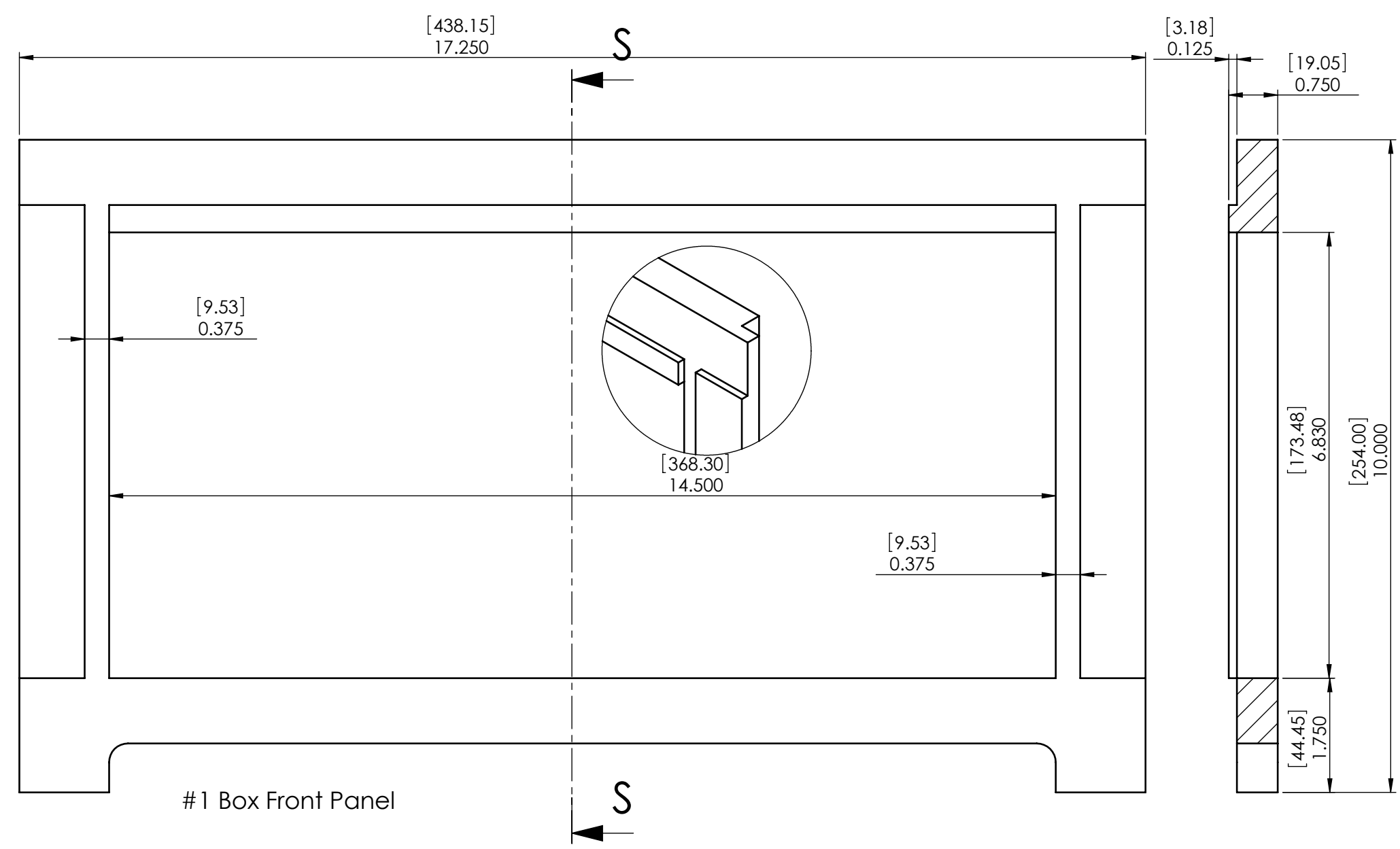
SECTION M-M



Sht 5 of 11 Shts	Sht Size Ansi D	Box with Locks	Box Frame
Scale 1:2	Unless otherwise stated	All dimensions in inches and (mm) 3rd Angle projection	December 2010 Designed by: Brian law www.woodenlocks.co.uk

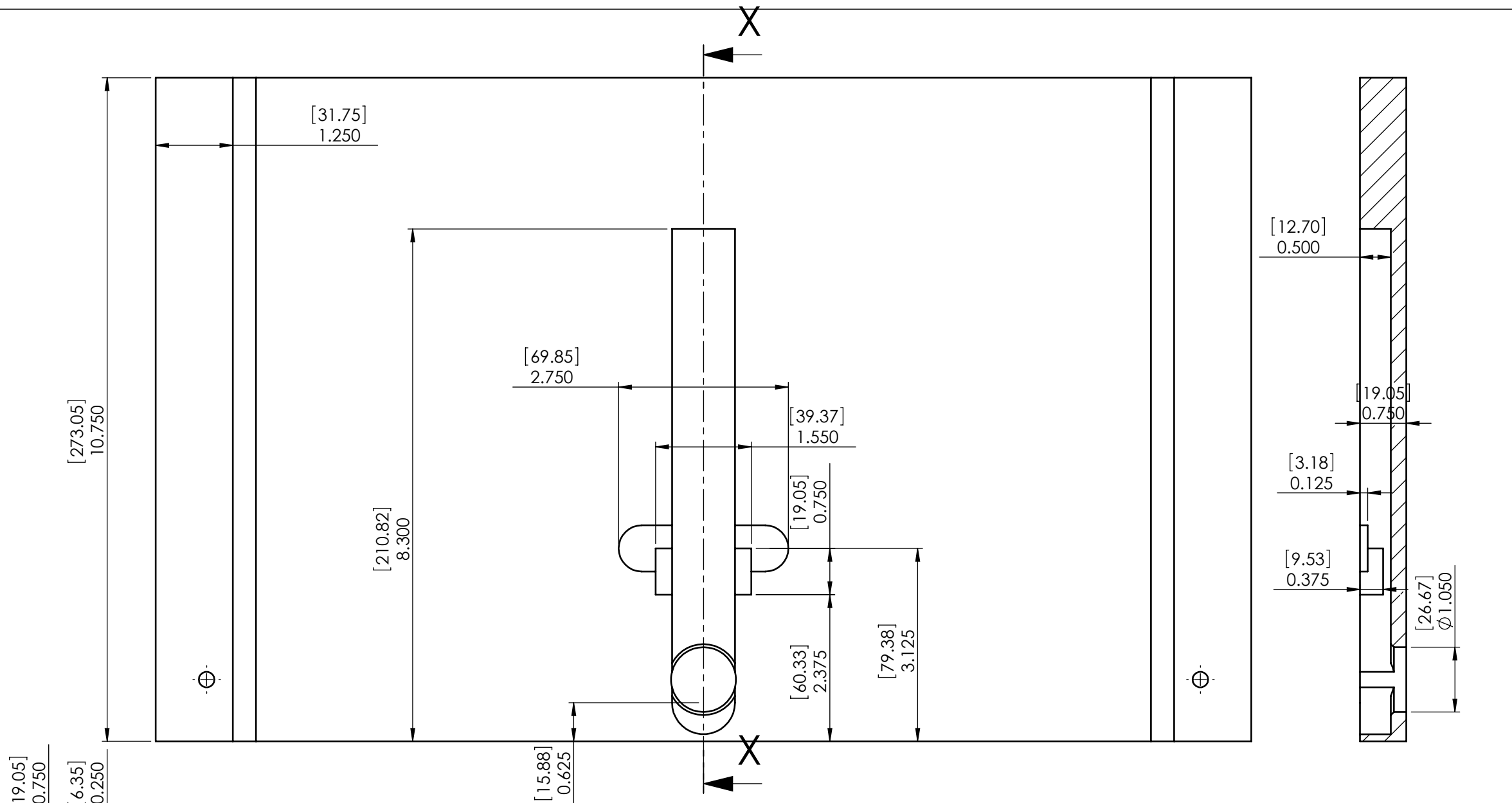


#2 Box Corners 8 required



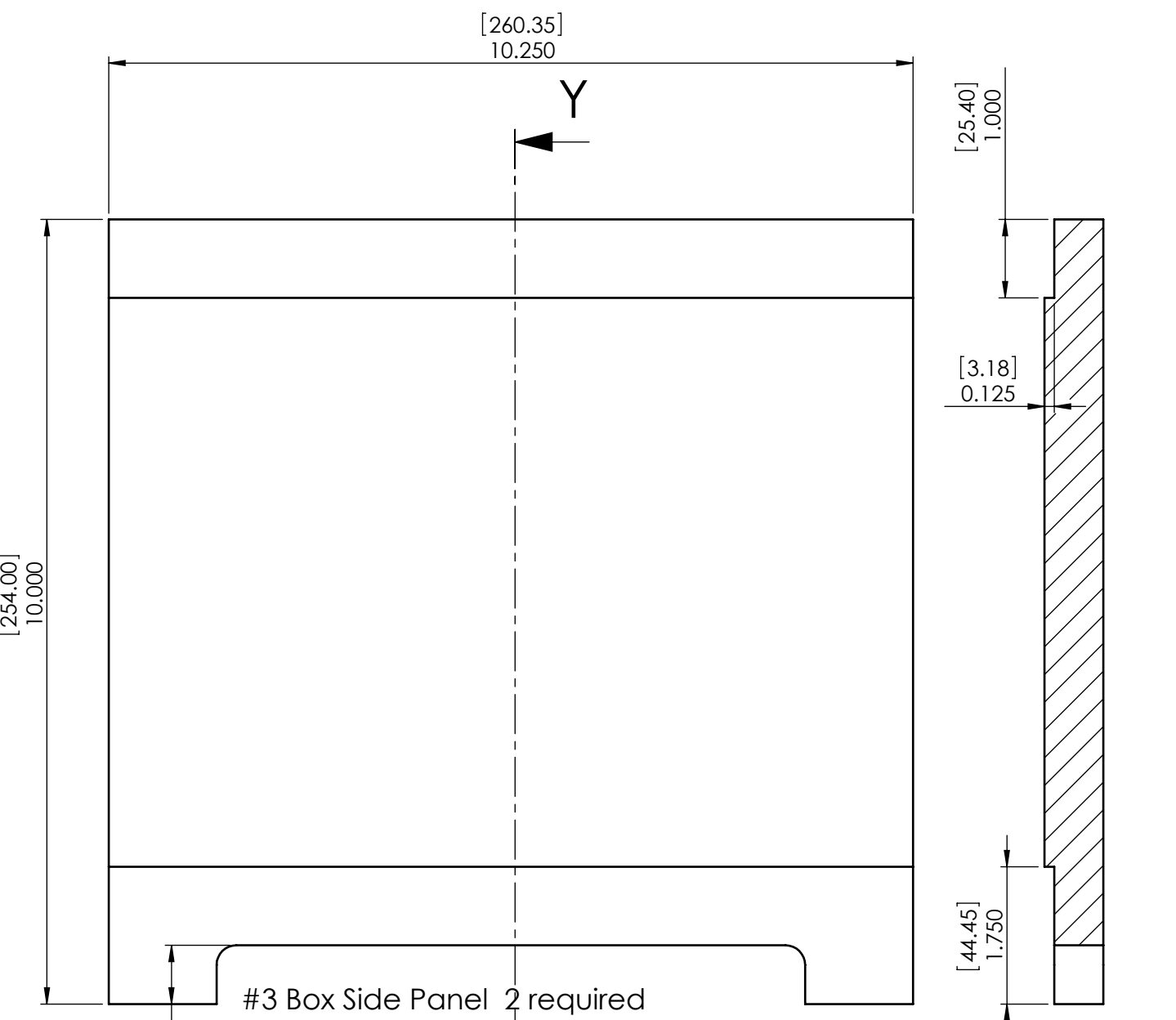
#1 Box Front Panel

SECTION S-S



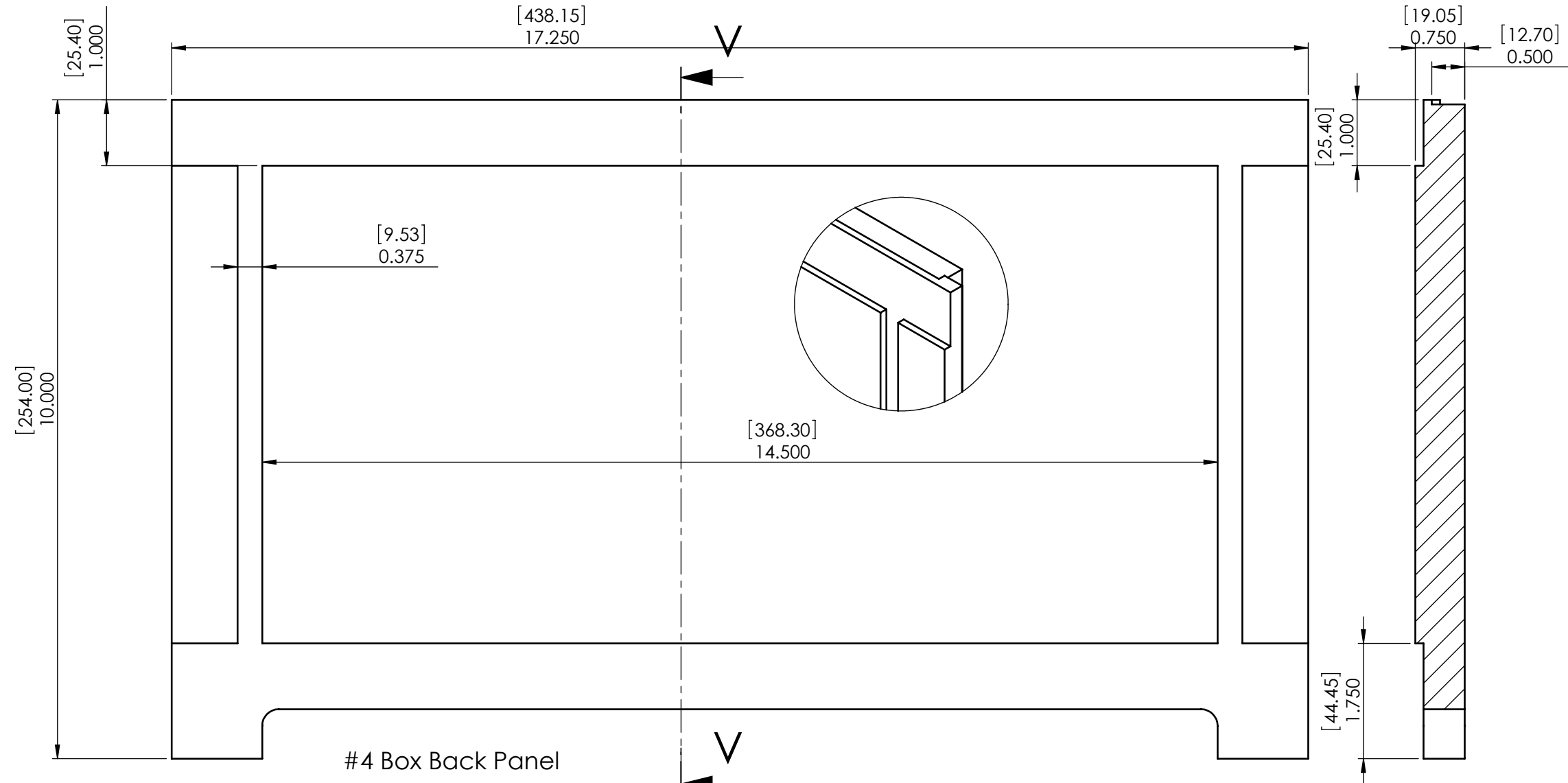
#6 Box Base Panel

SECTION X-X



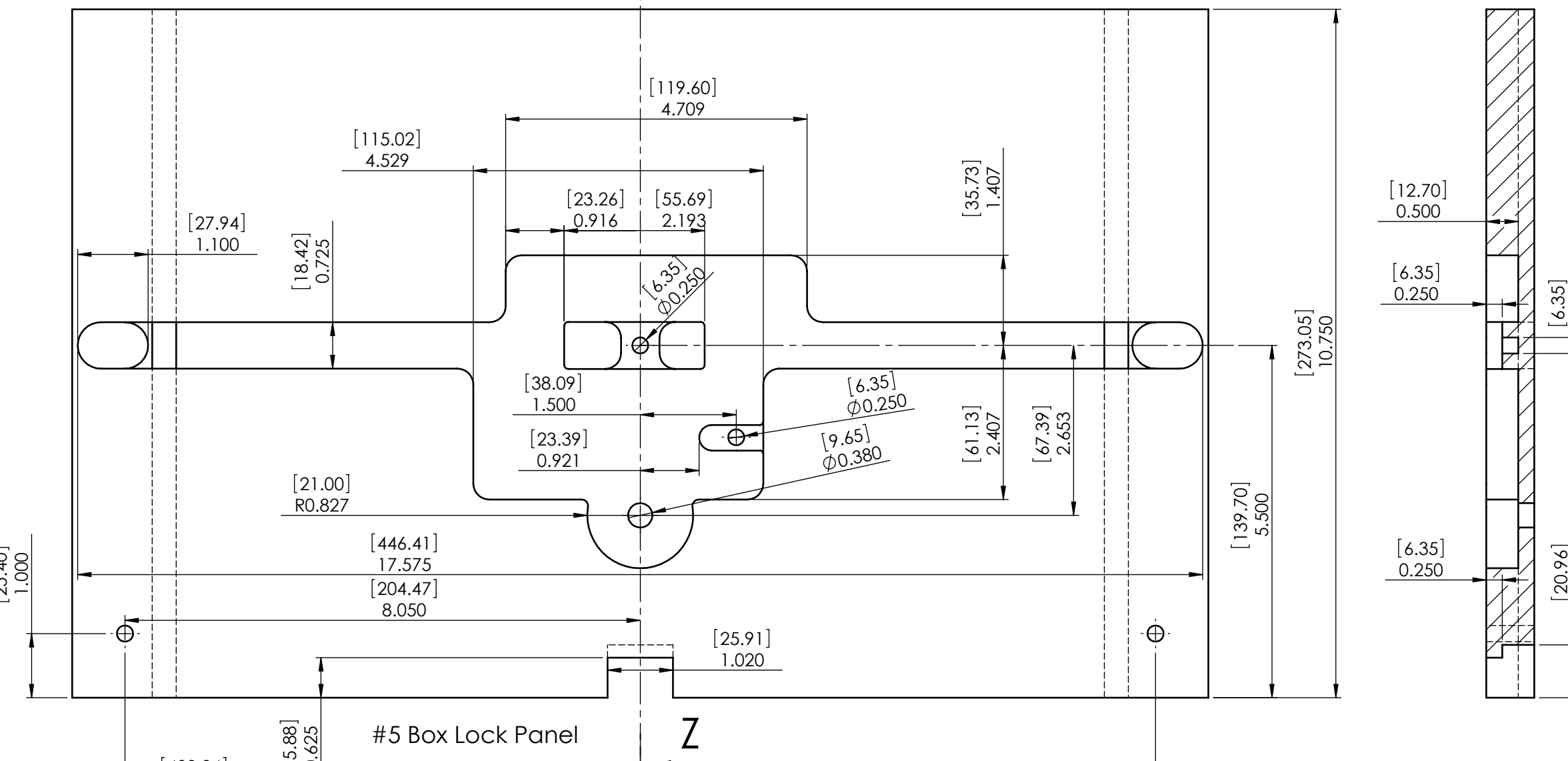
#3 Box Side Panel 2 required

SECTION Y-Y



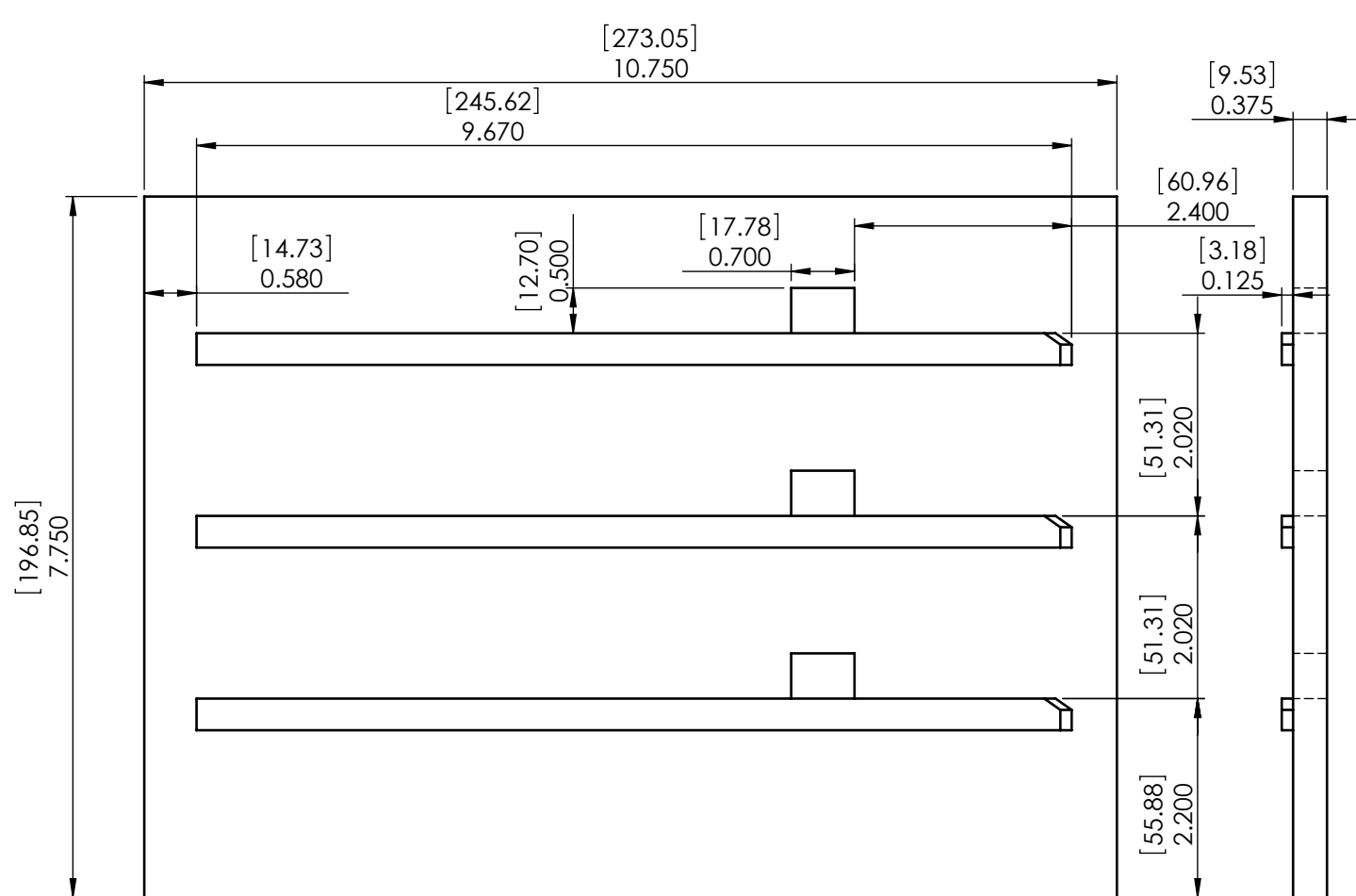
#4 Box Back Panel

SECTION V-V

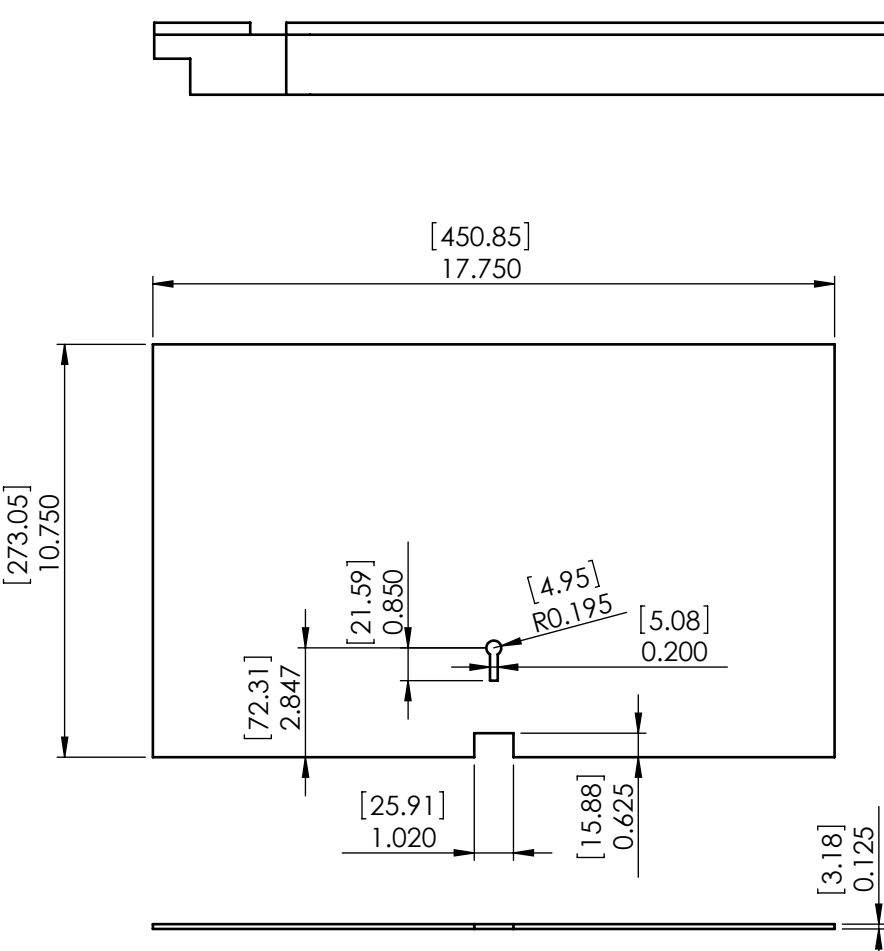


#5 Box Lock Panel

SECTION Z-Z

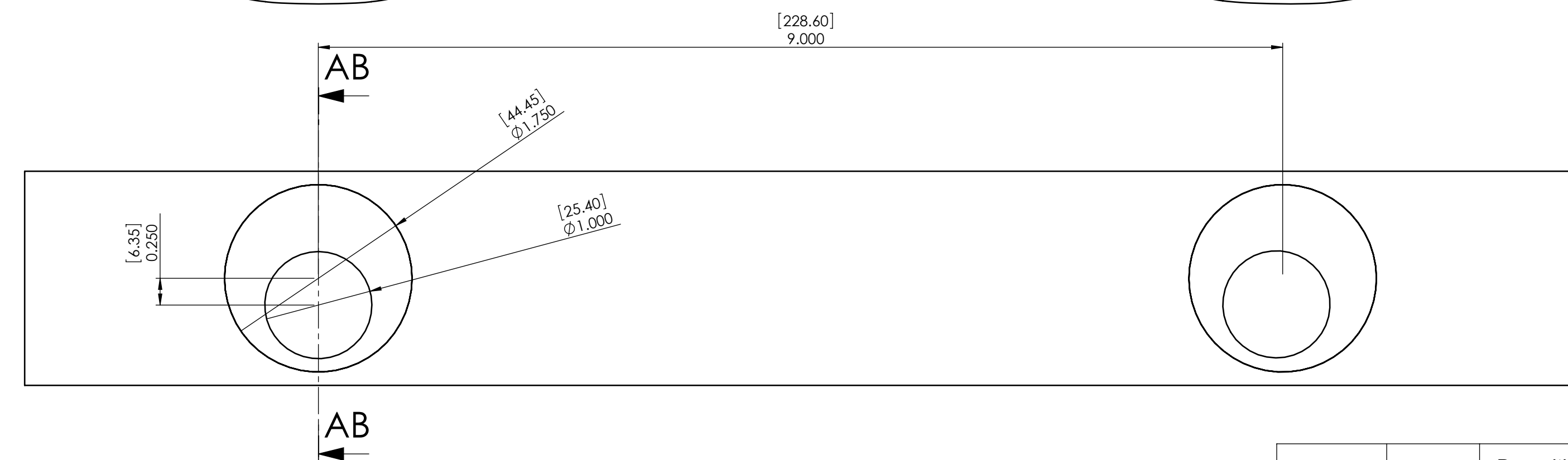
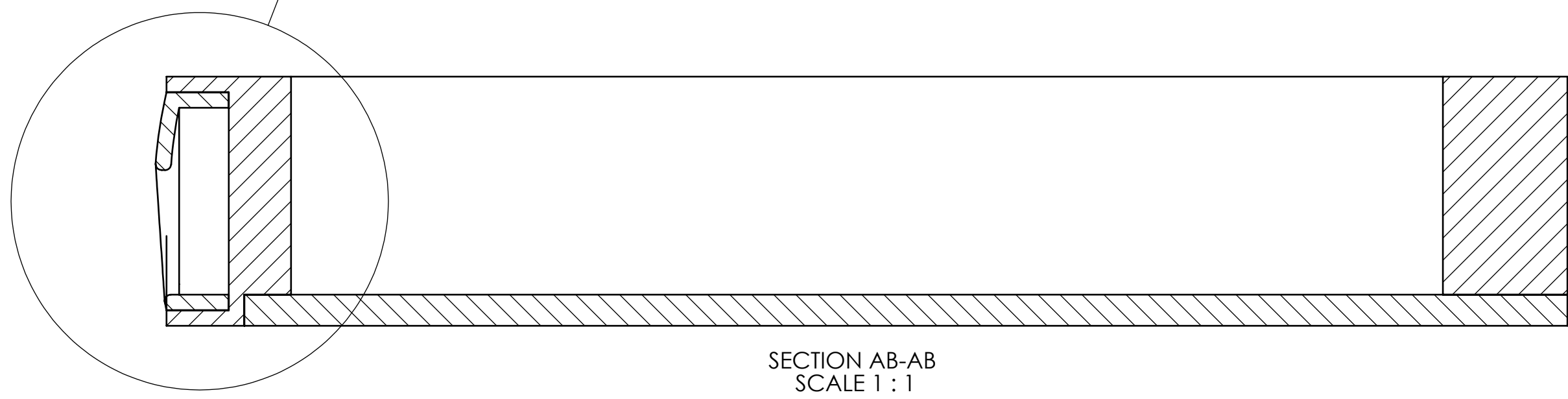
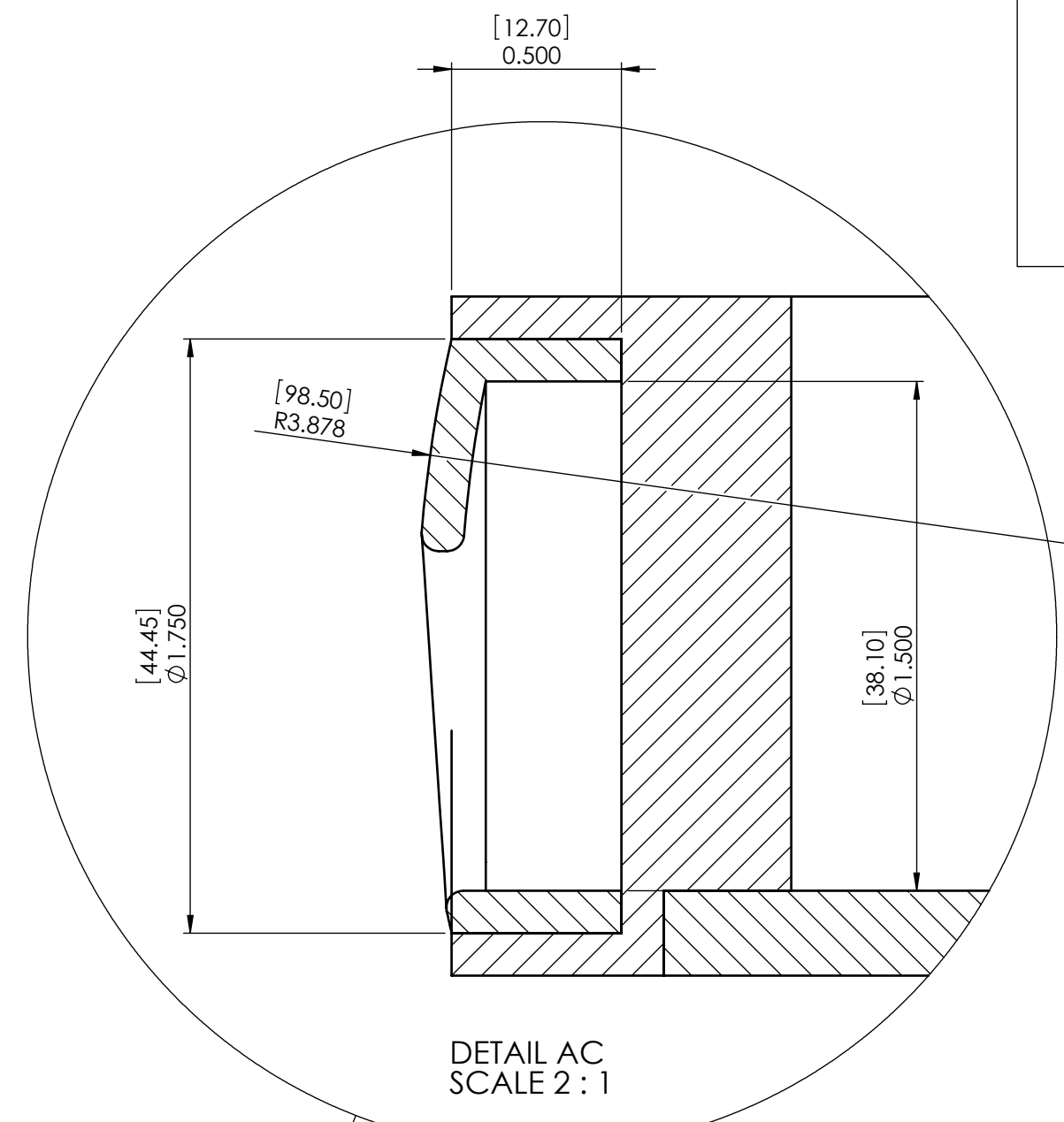
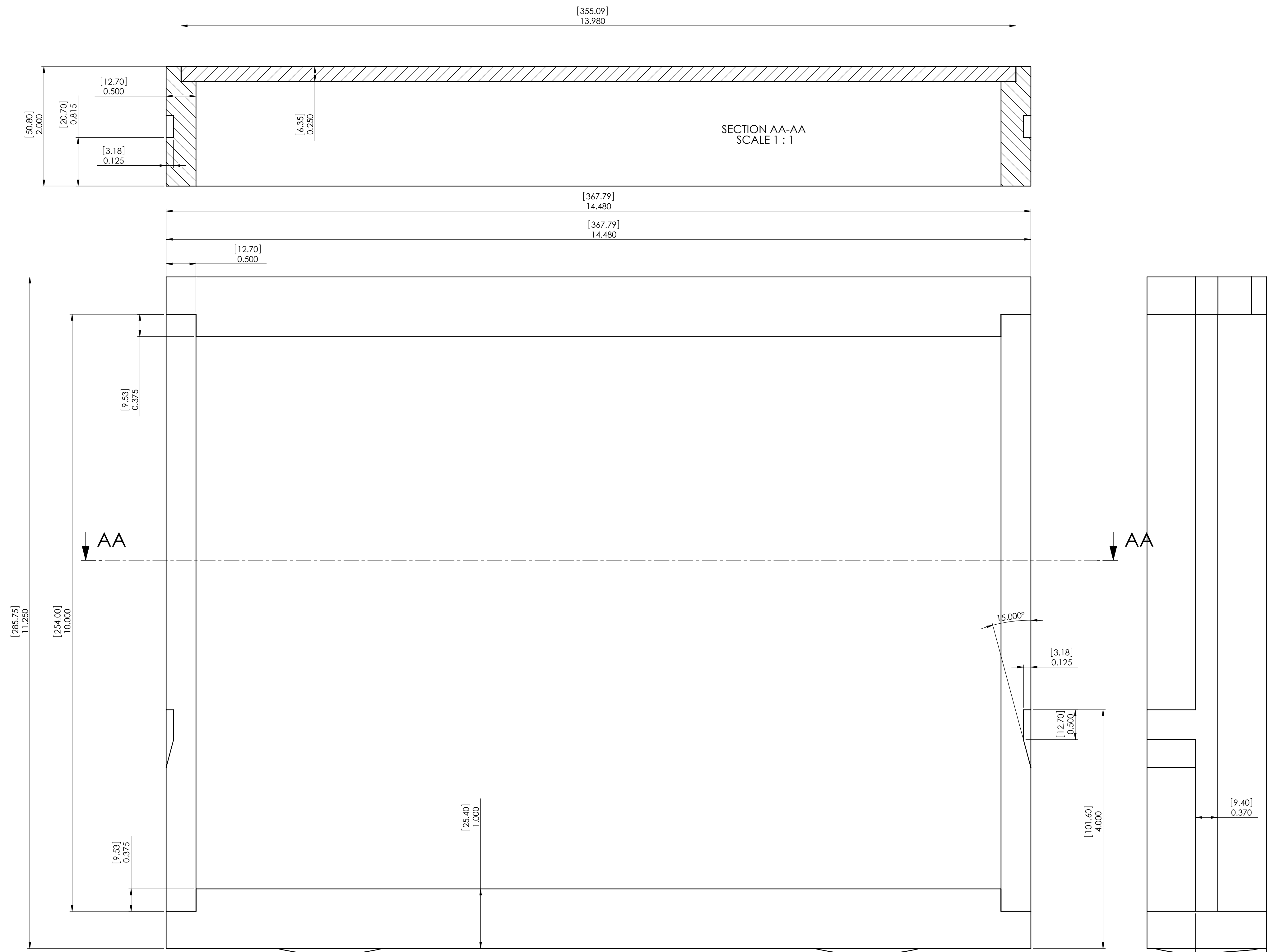
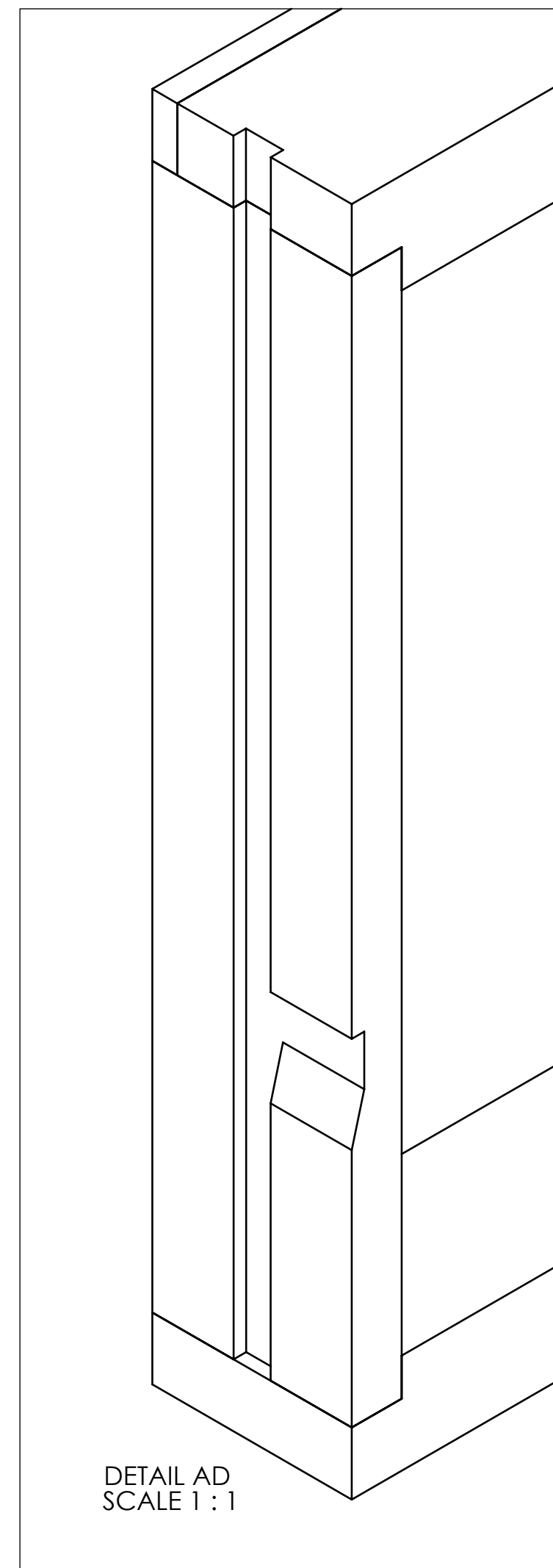


#7 Draw support LH (Drawn)
#8 Draw support RH (Opposite Hand)

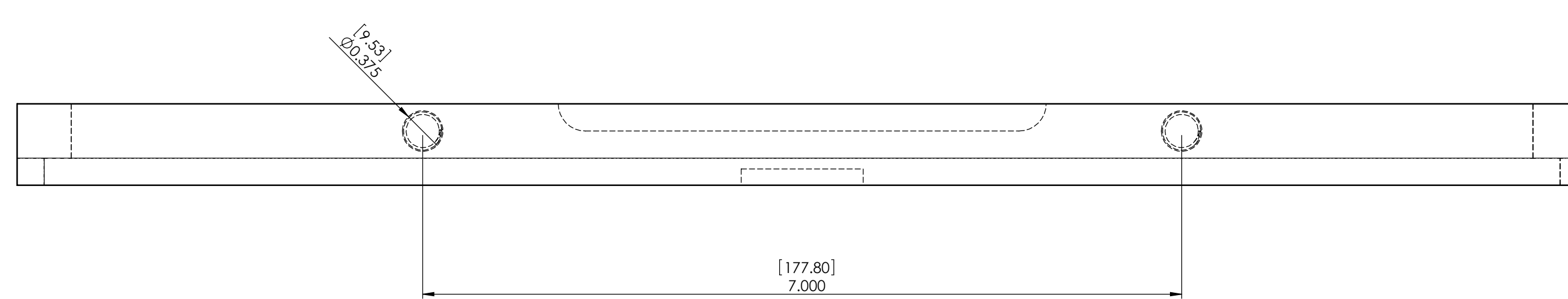
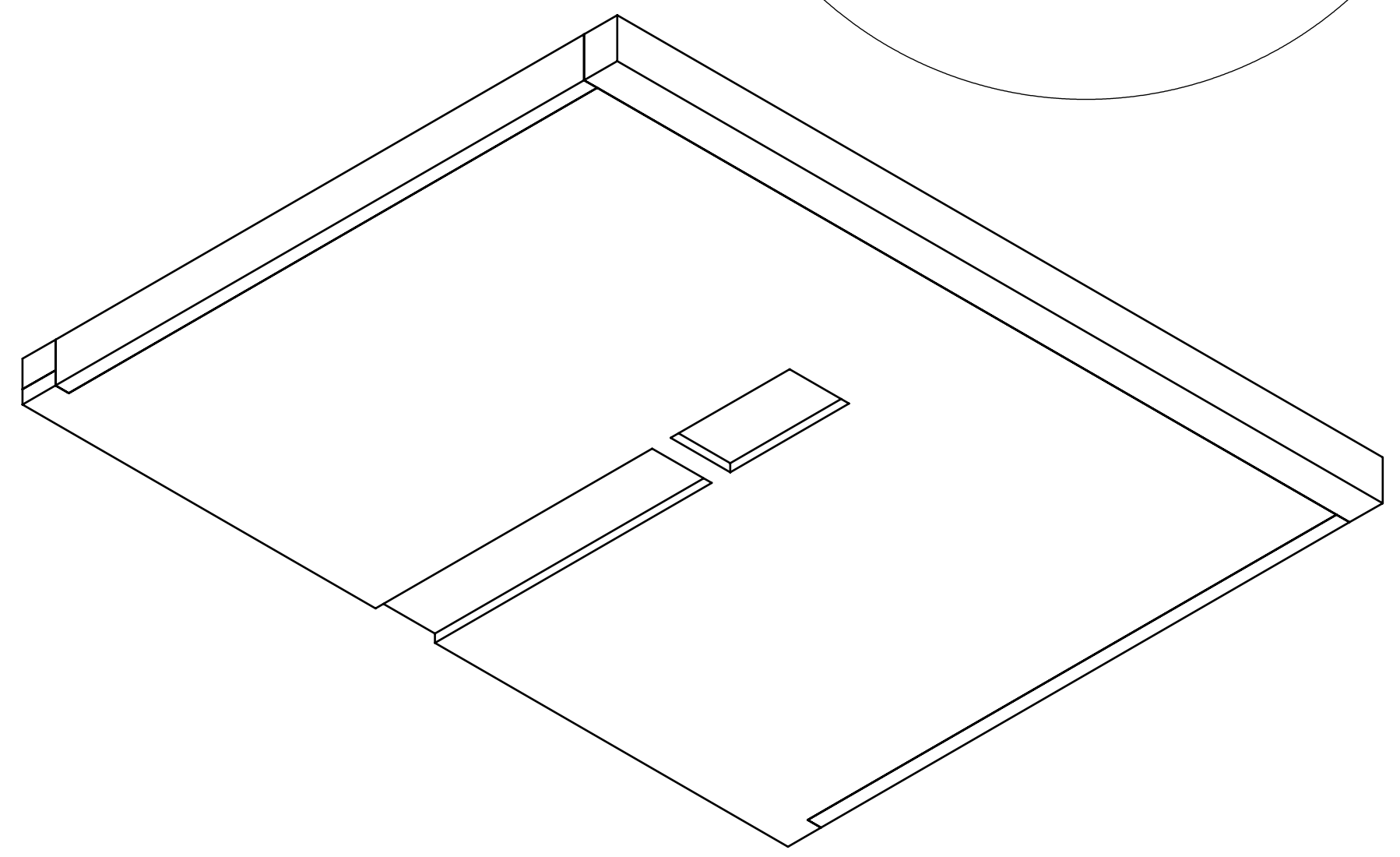
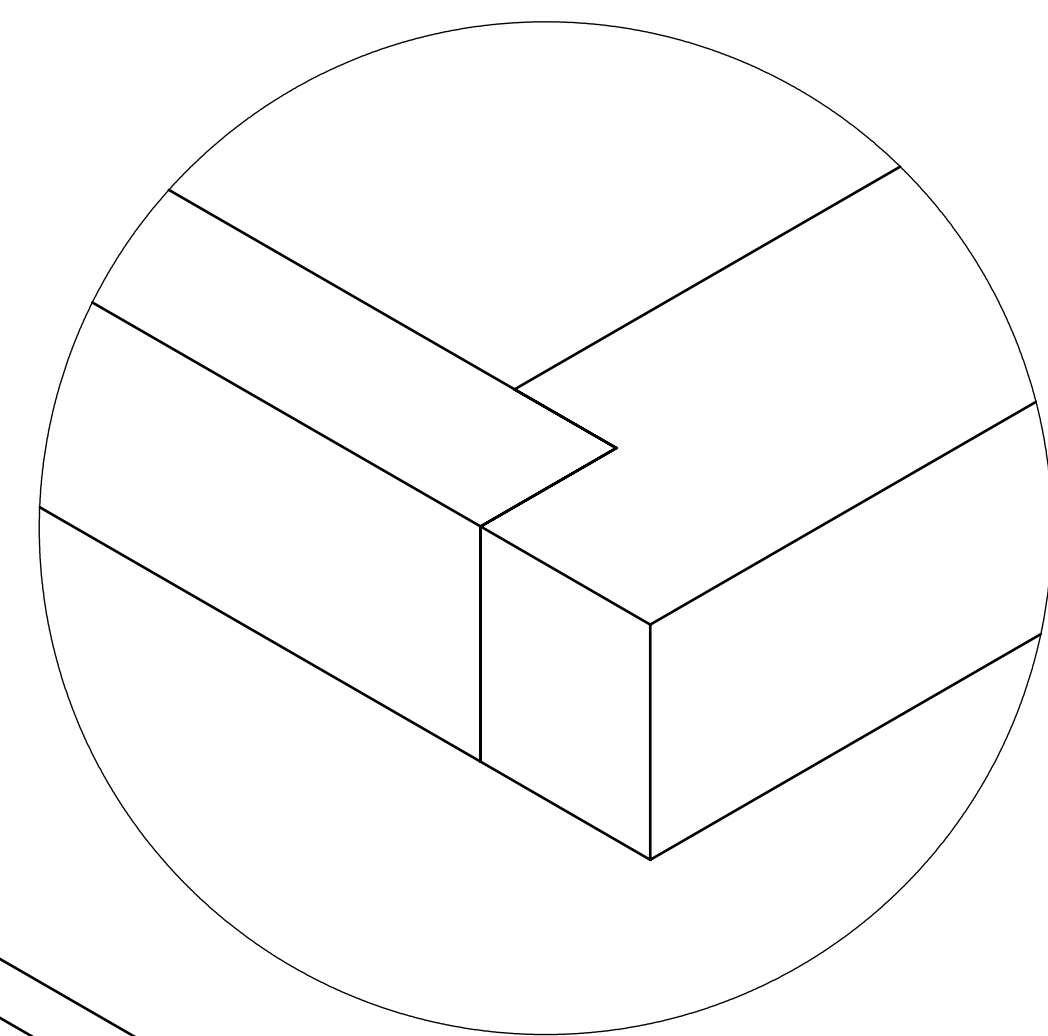
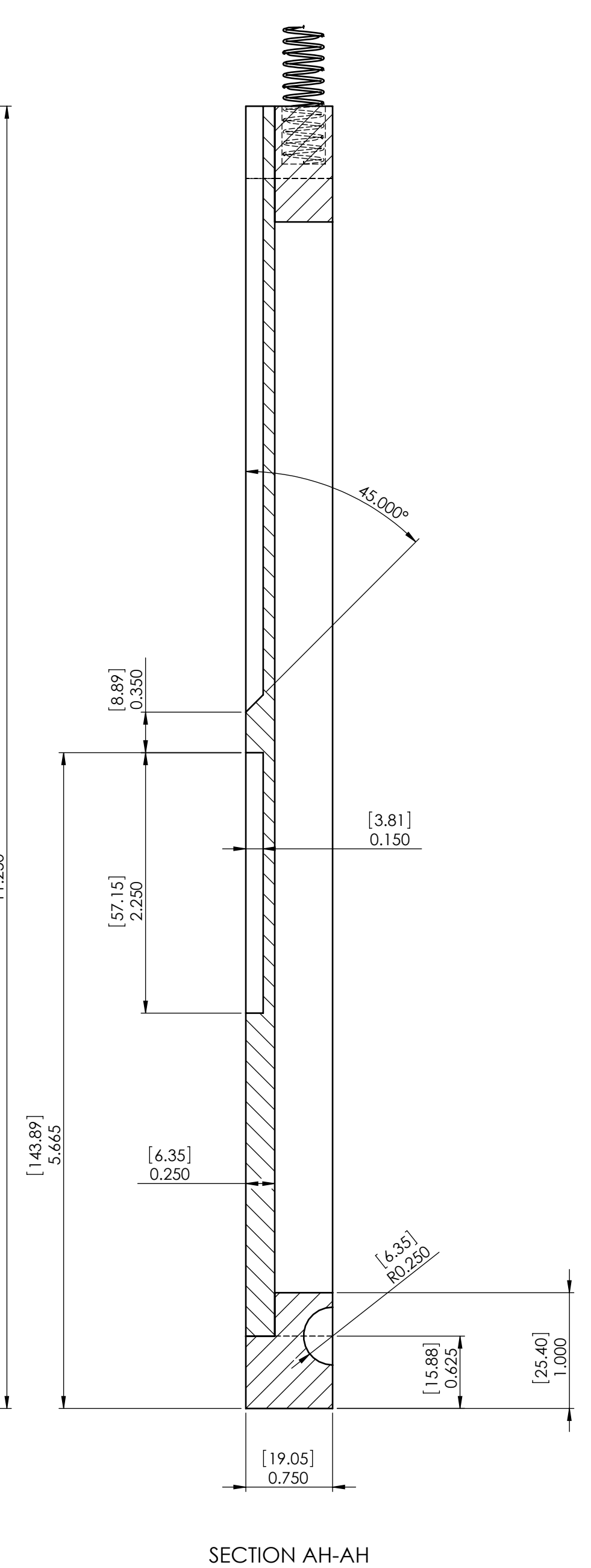
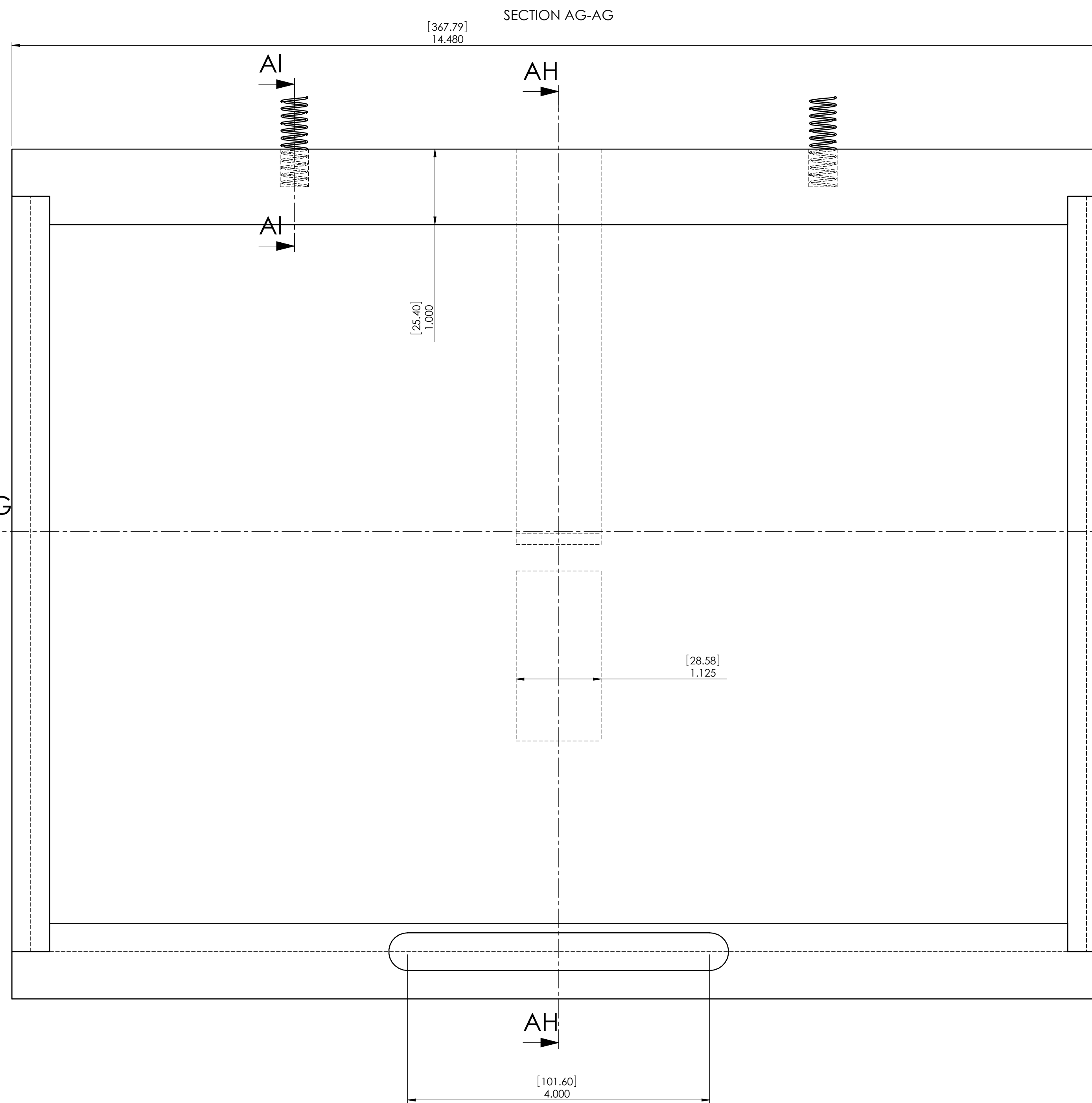
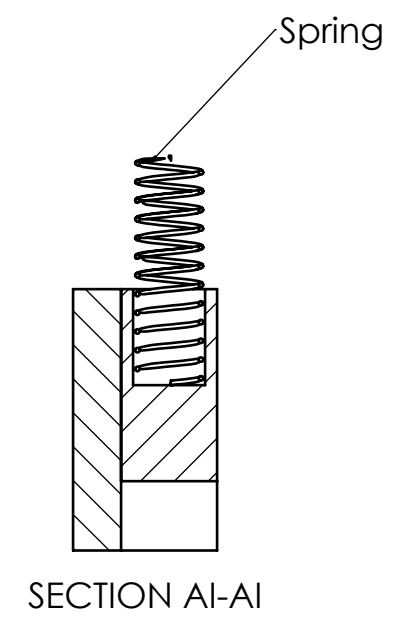
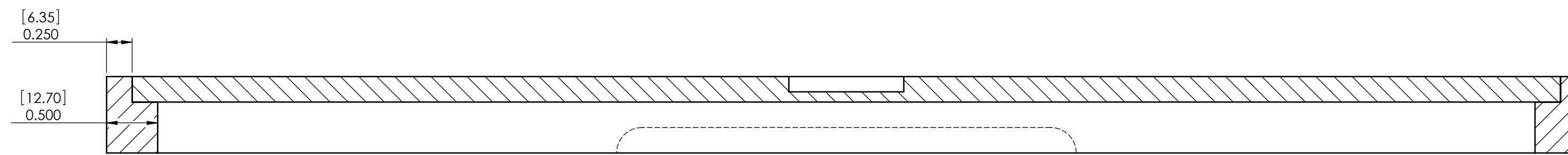


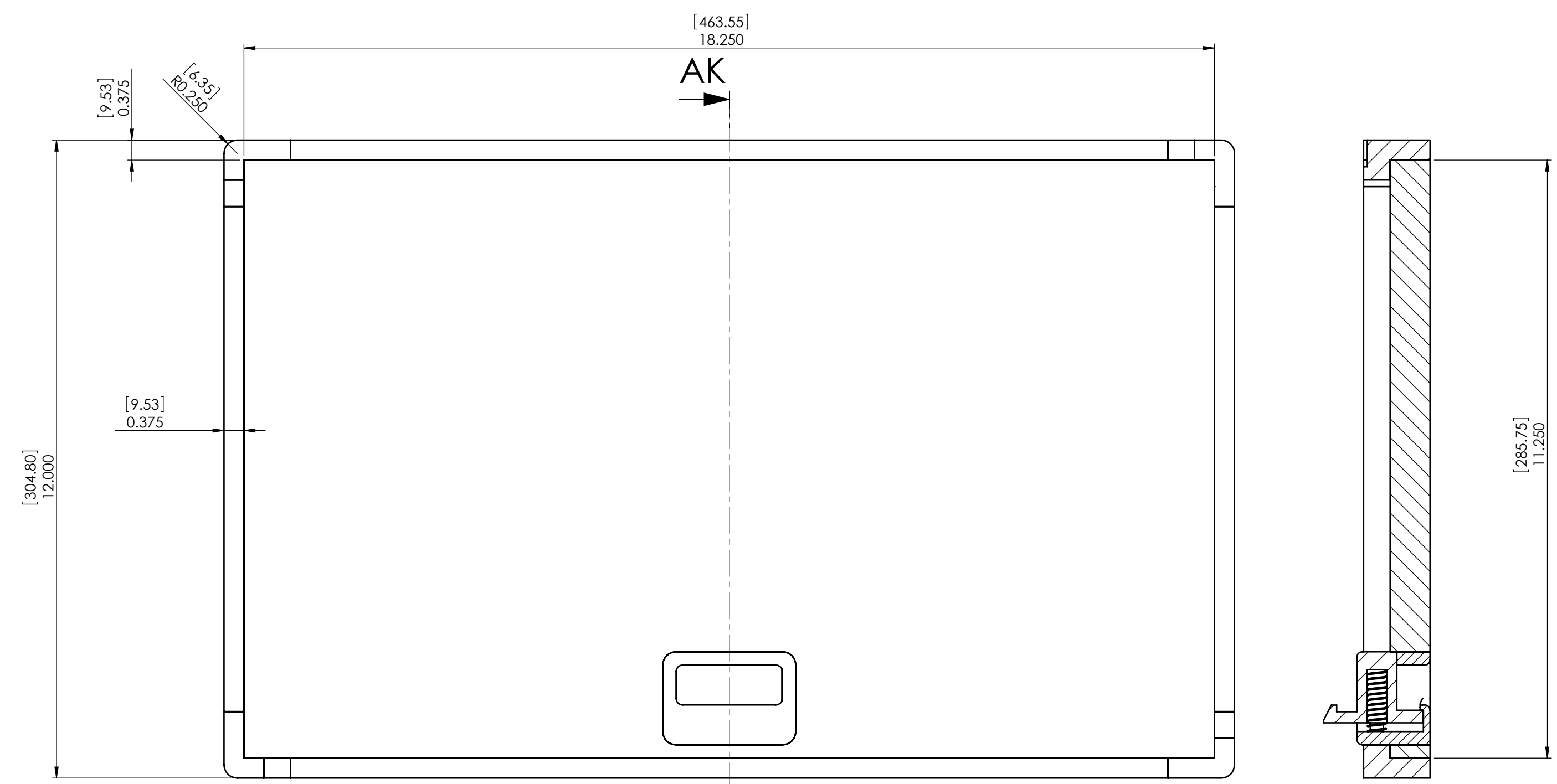
#40 Perspex cover Scale 1:5

Sht 6 of 11 Shts	Sht Size Ansl D	Box with Locks	Box frame parts
Scale 1:2 Unless otherwise stated		All dimensions in inches and (mm) 3rd Angle projection	December 2010 Designed by Brian law www.woodenlocks.co.uk

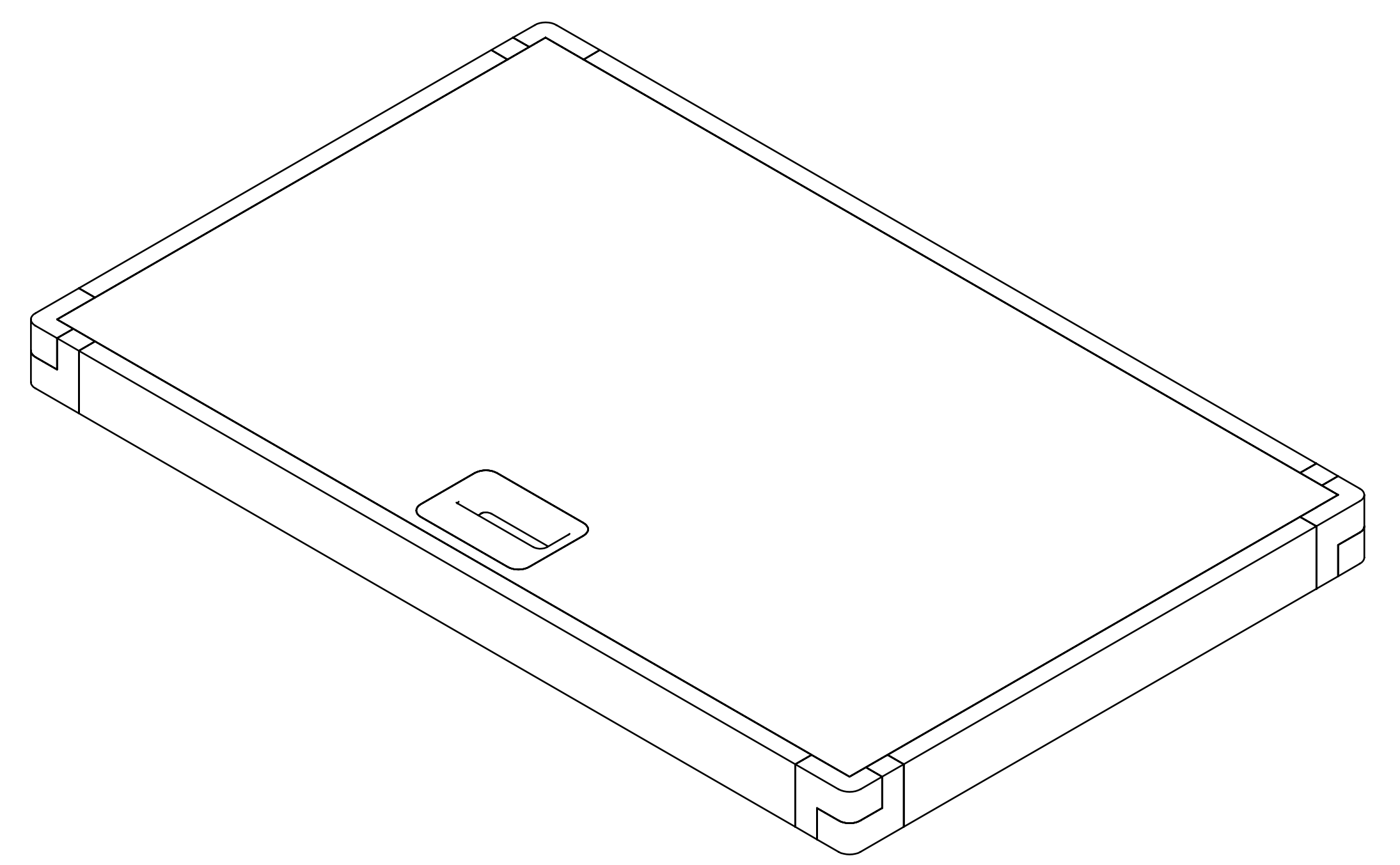
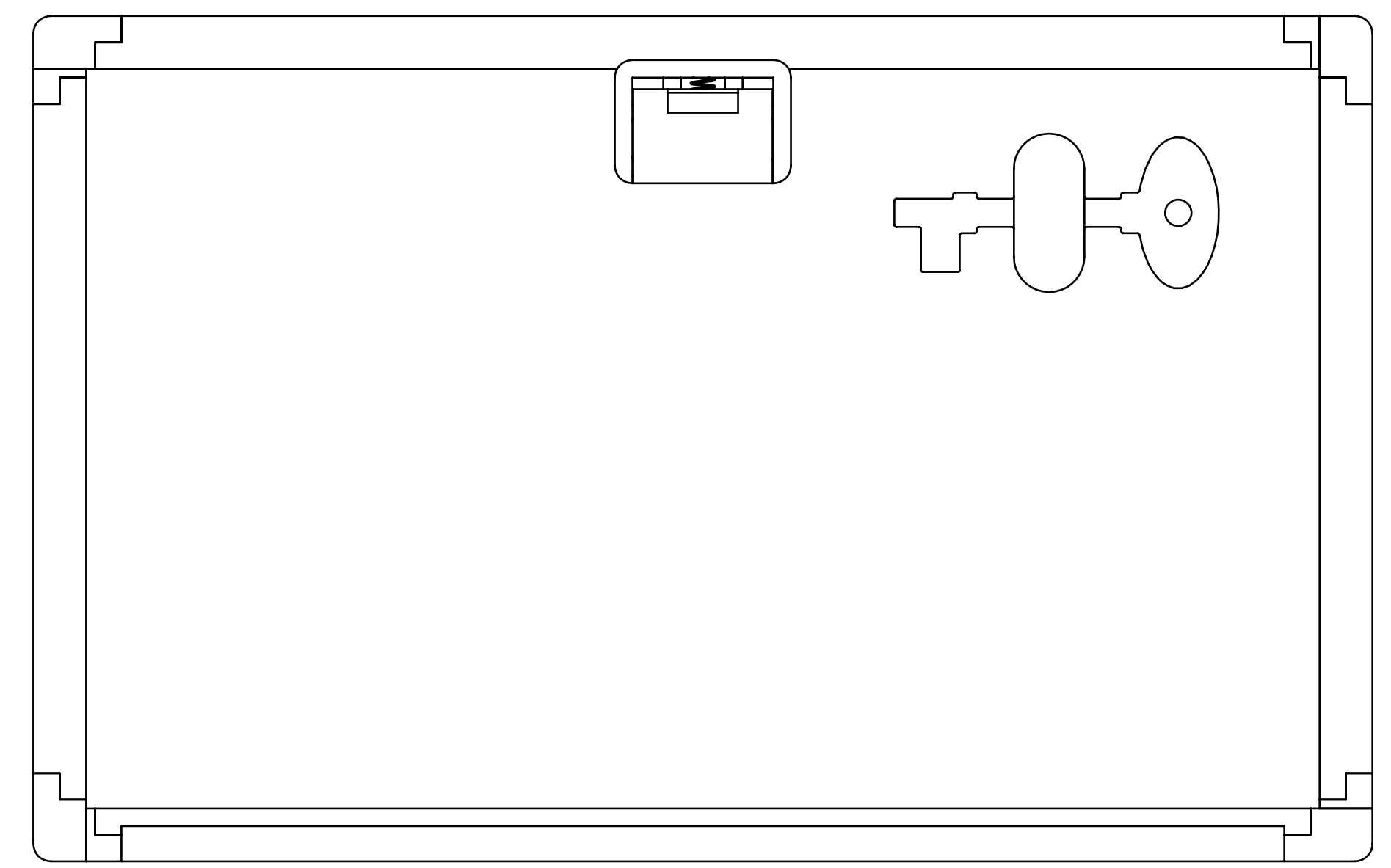
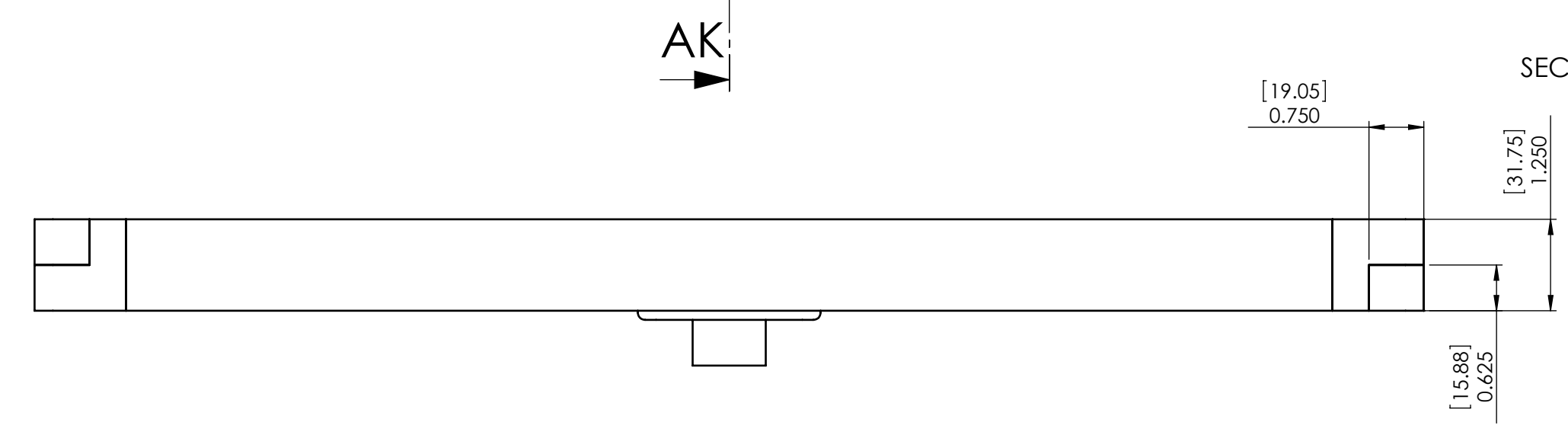


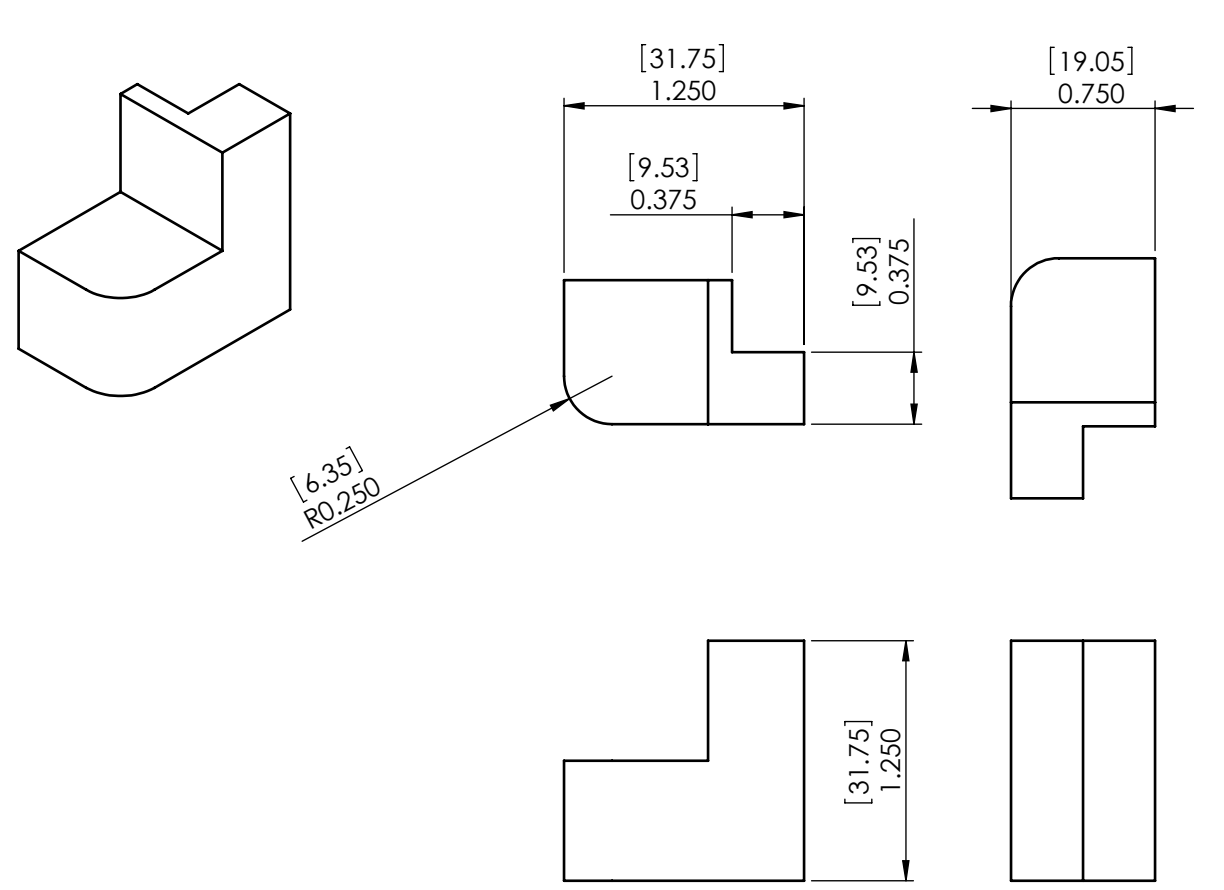
Sht 7 of 11 Shts	Sht Size Ansi D	Box with Locks	Draw
Scale 1:1 Unless otherwise stated		All dimensions in inches and (mm) 3rd Angle projection	December 2010 Designed by: Brian law www.woodenlocks.co.uk



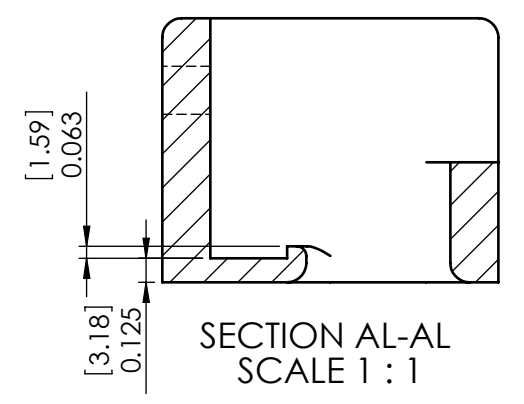


SECTION AK-AK

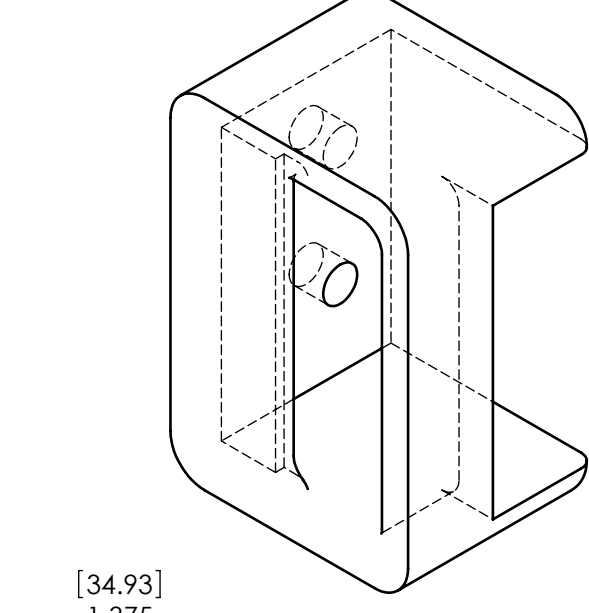
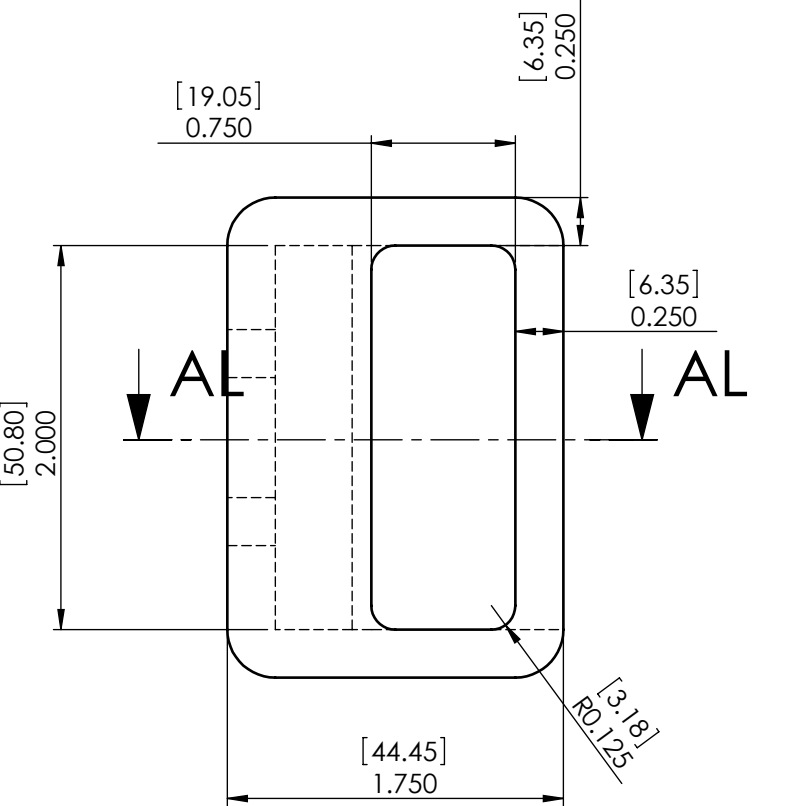




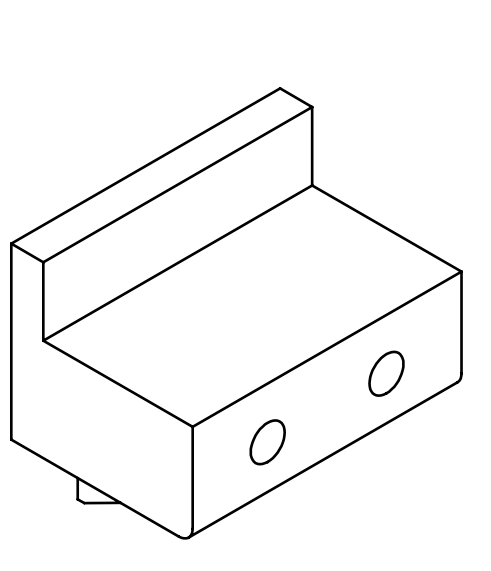
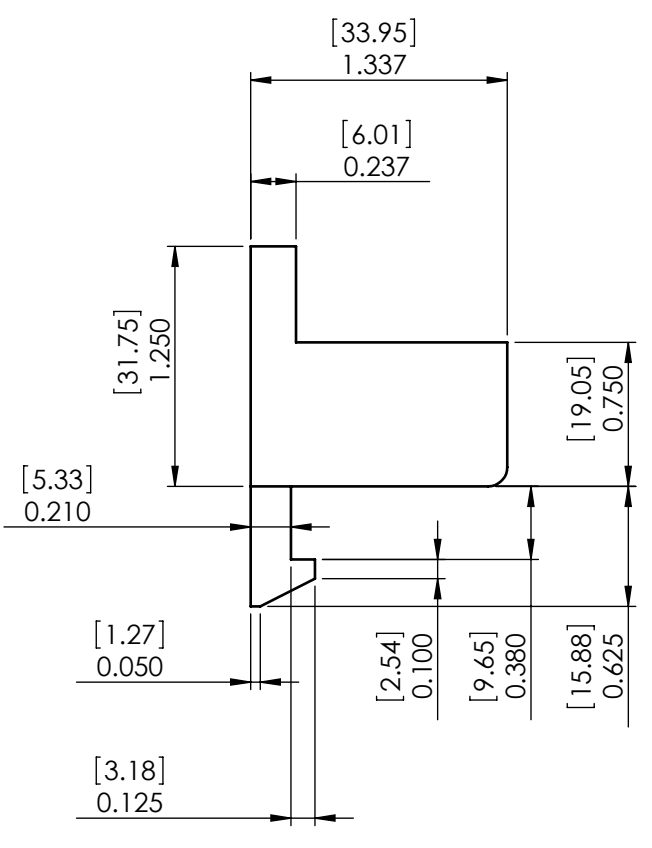
#24 Box Lid Corner 8 required



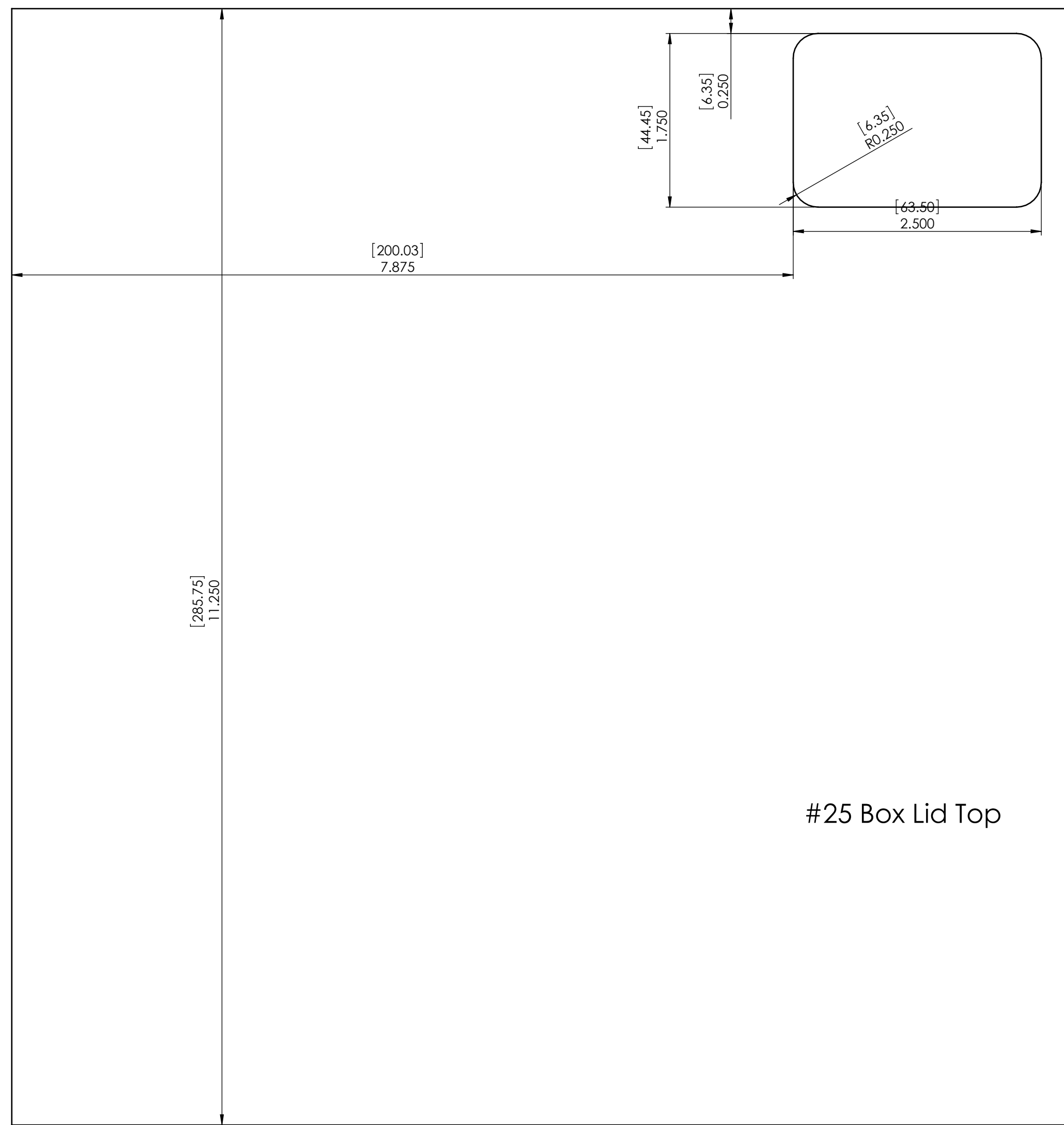
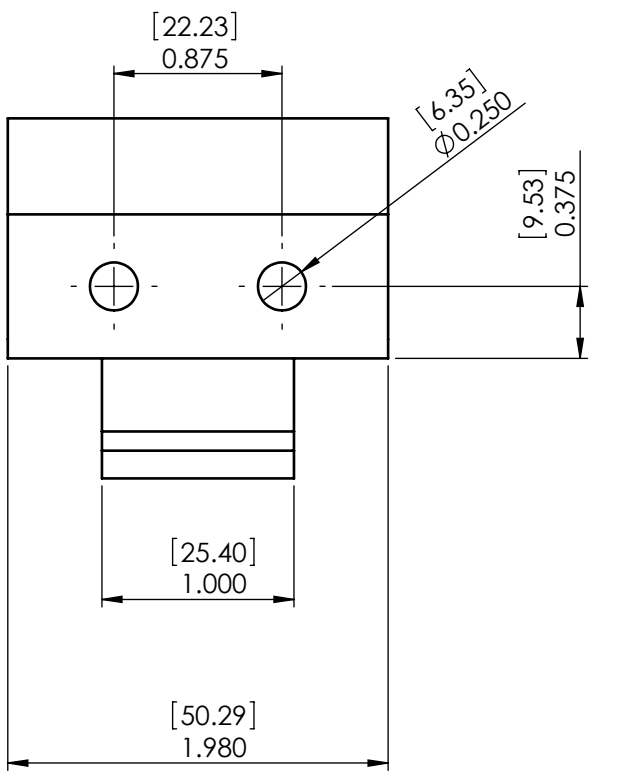
#26 Box Lid Handle



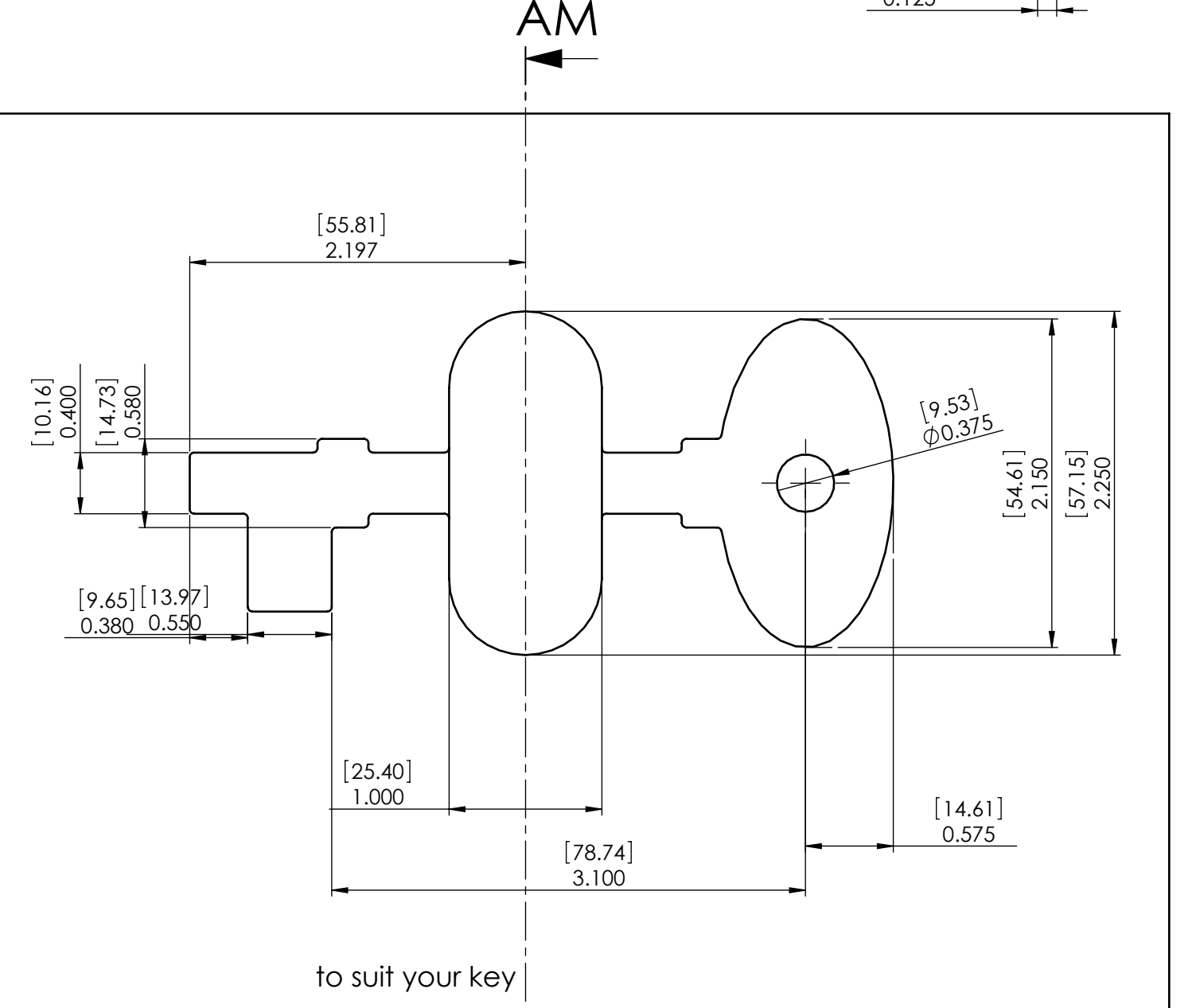
#28 Box Lid Latch



#27 Dowel
2 required

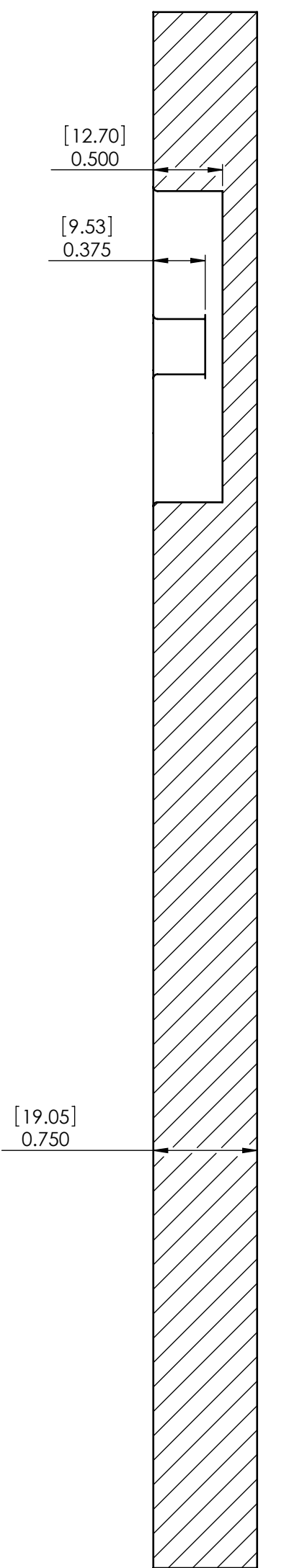


#25 Box Lid Top

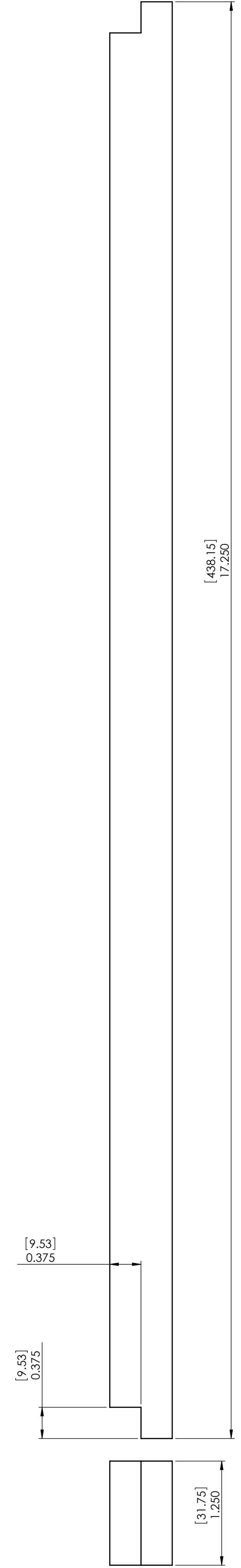


AM

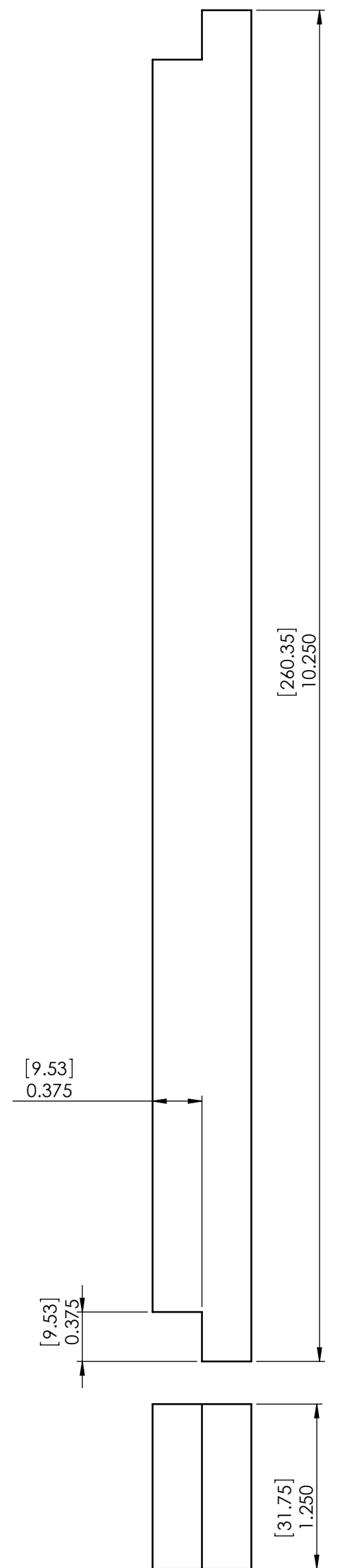
AM



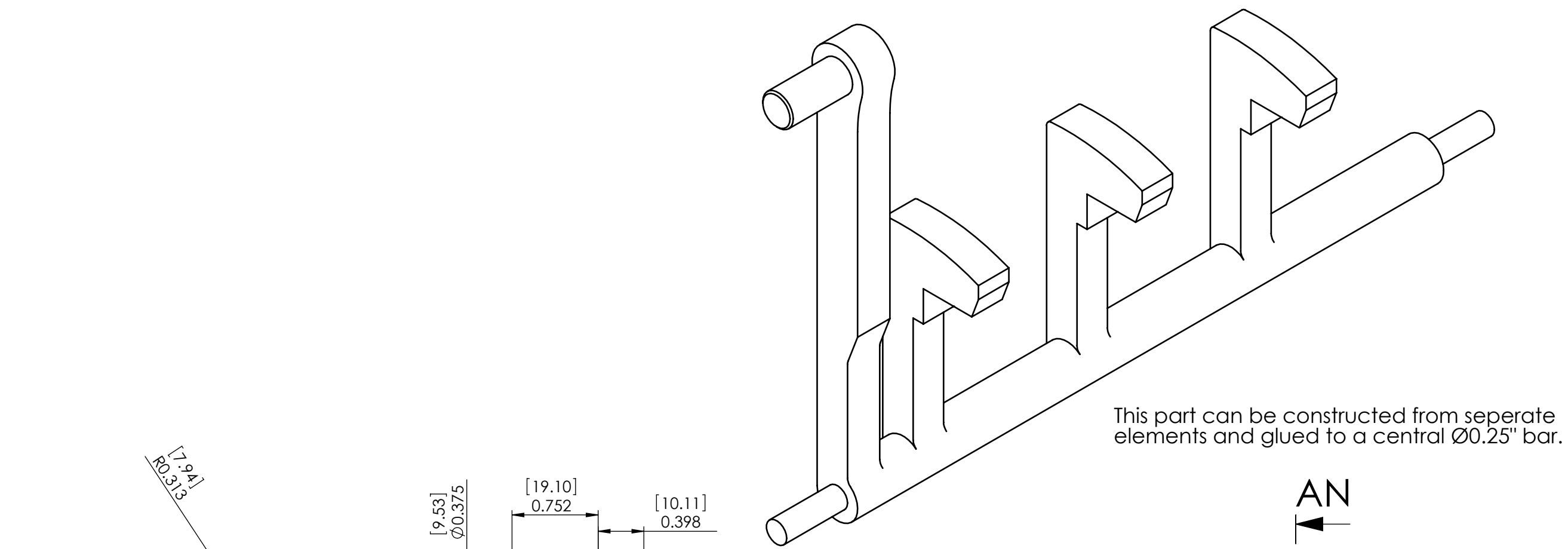
SECTION AM-AM
SCALE 1:1



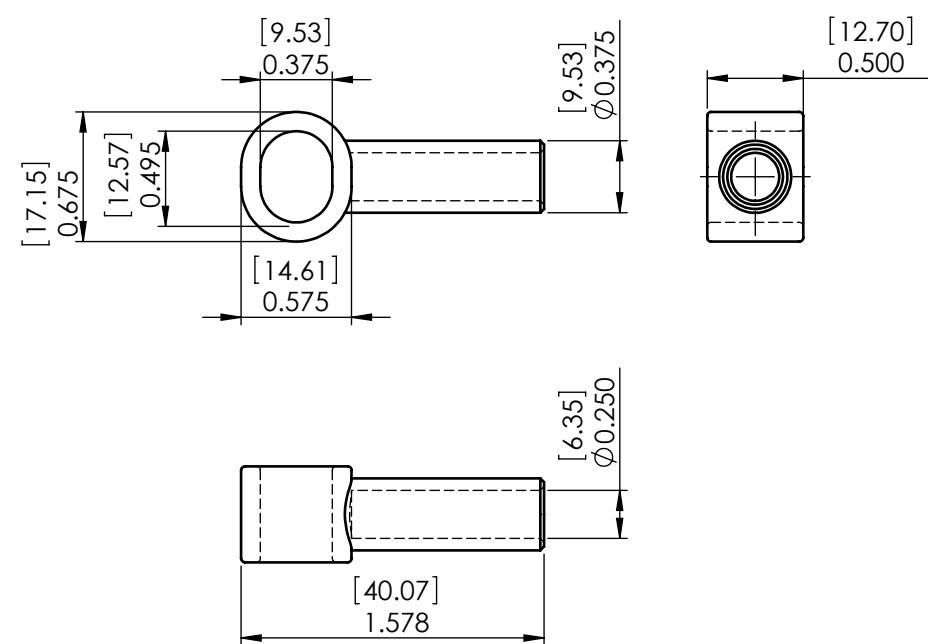
#23 Box Lid Front
2 required



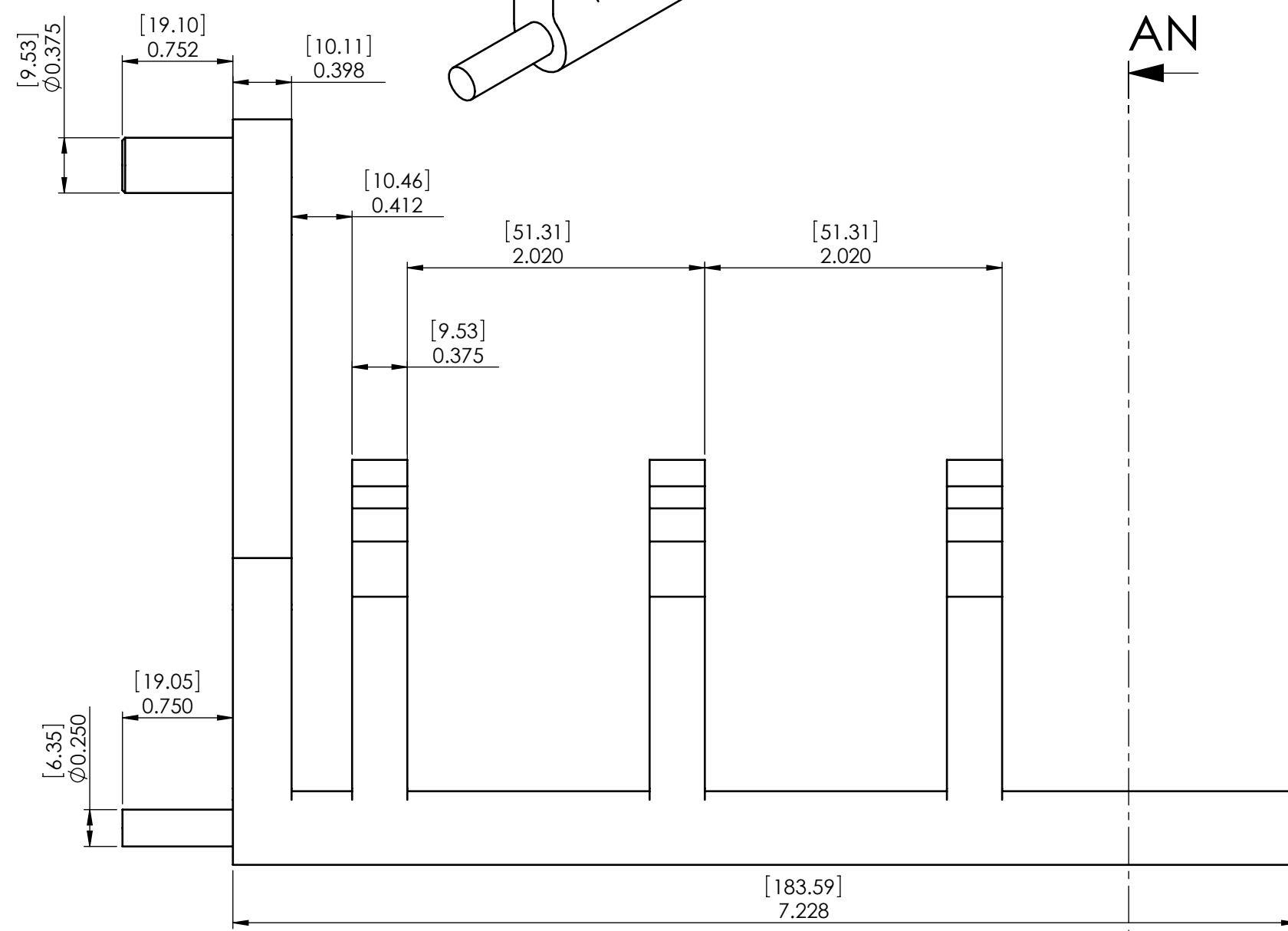
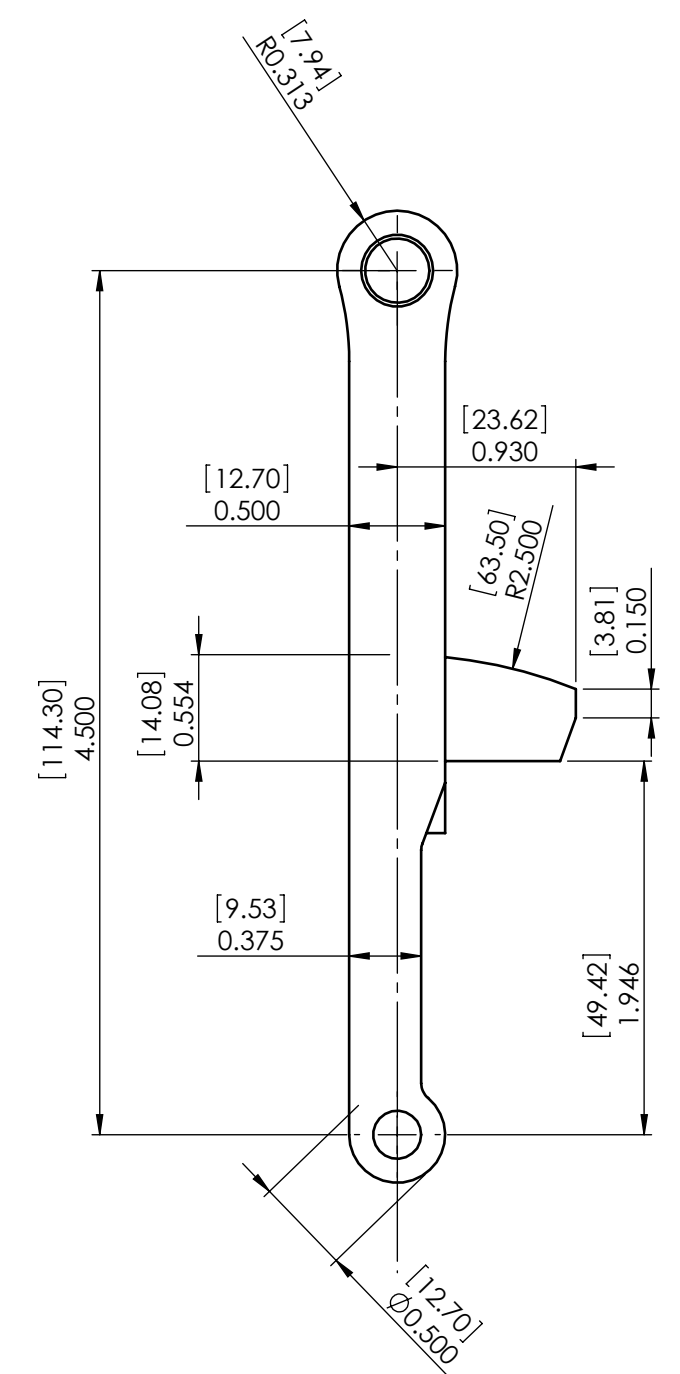
#41 Box Lid Side
2 required



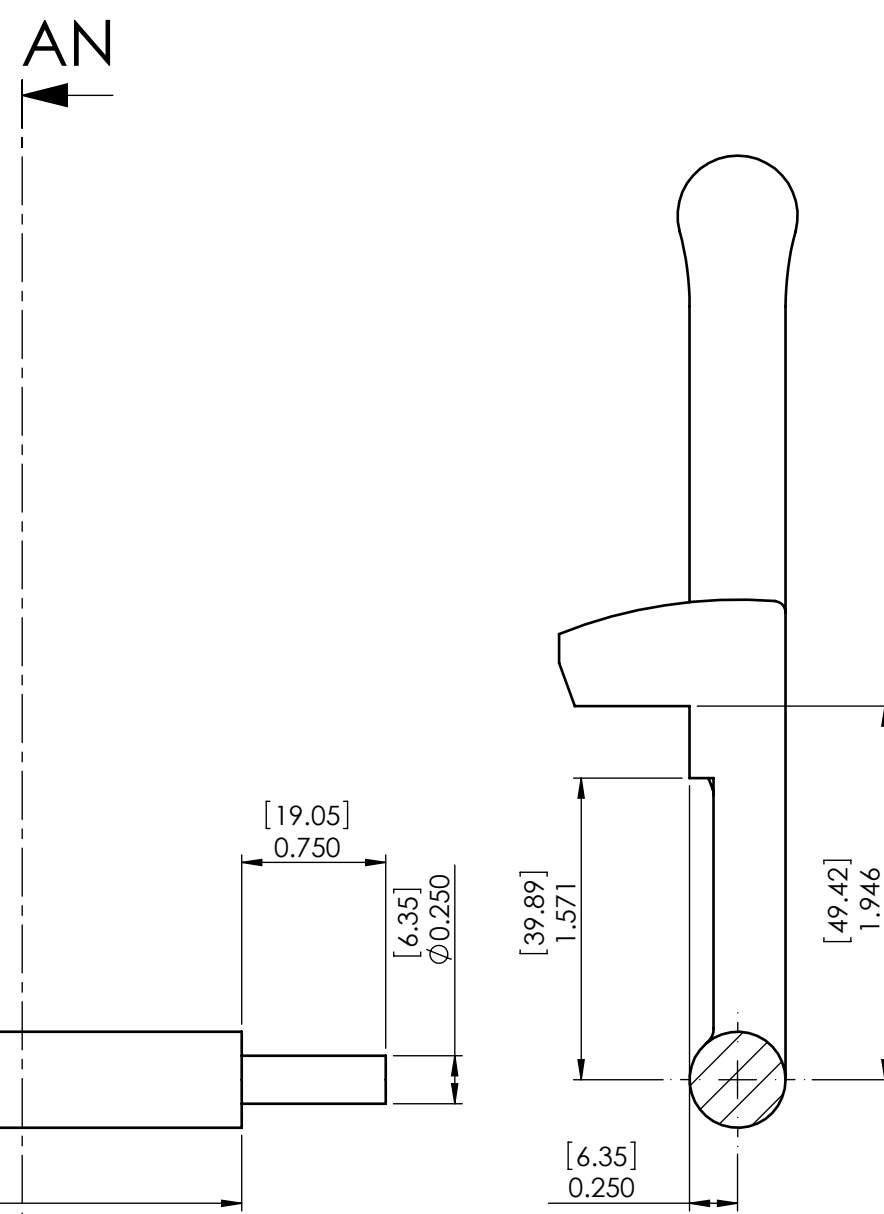
This part can be constructed from separate elements and glued to a central Ø0.25" bar.



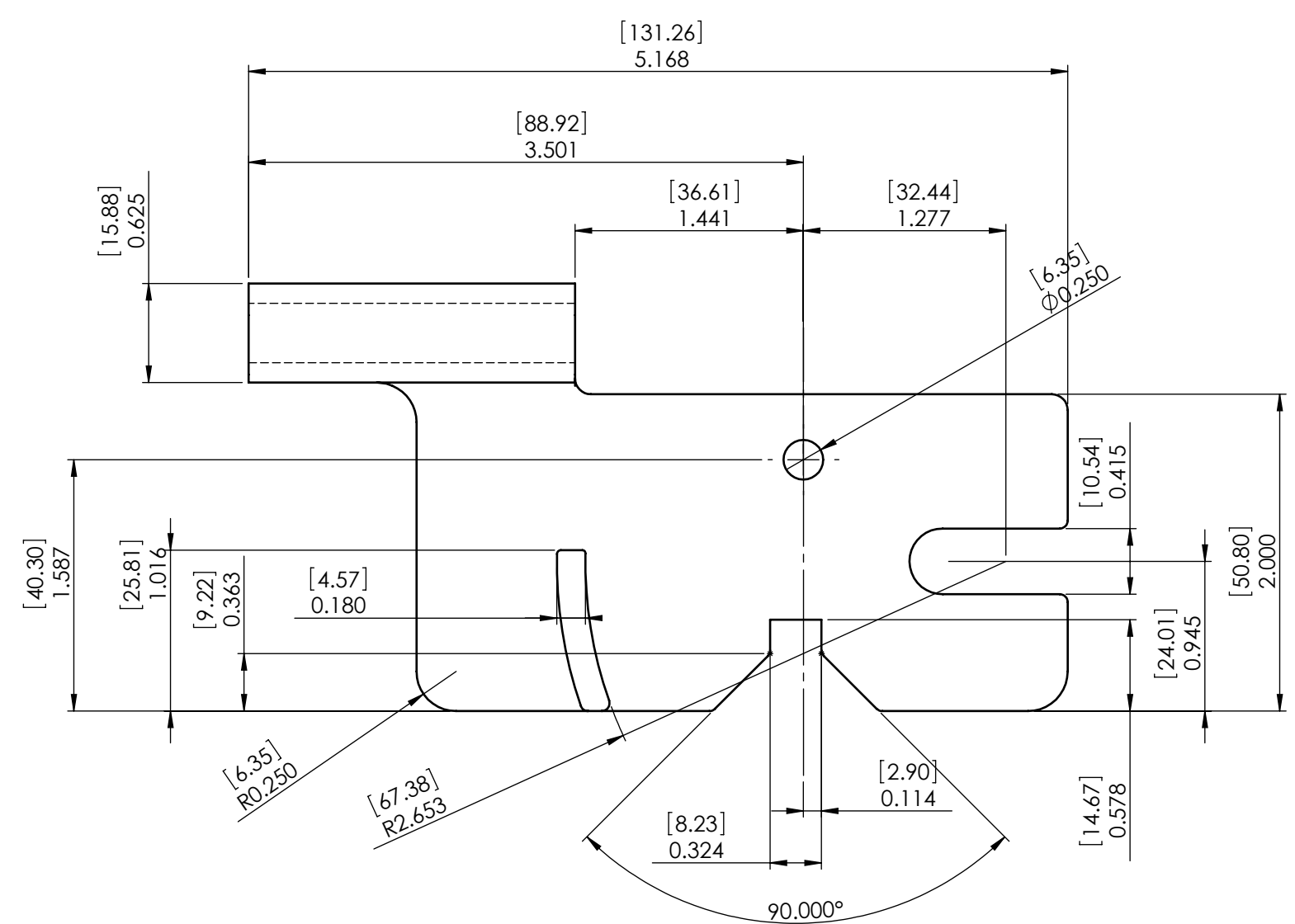
#37 Connector 2 required



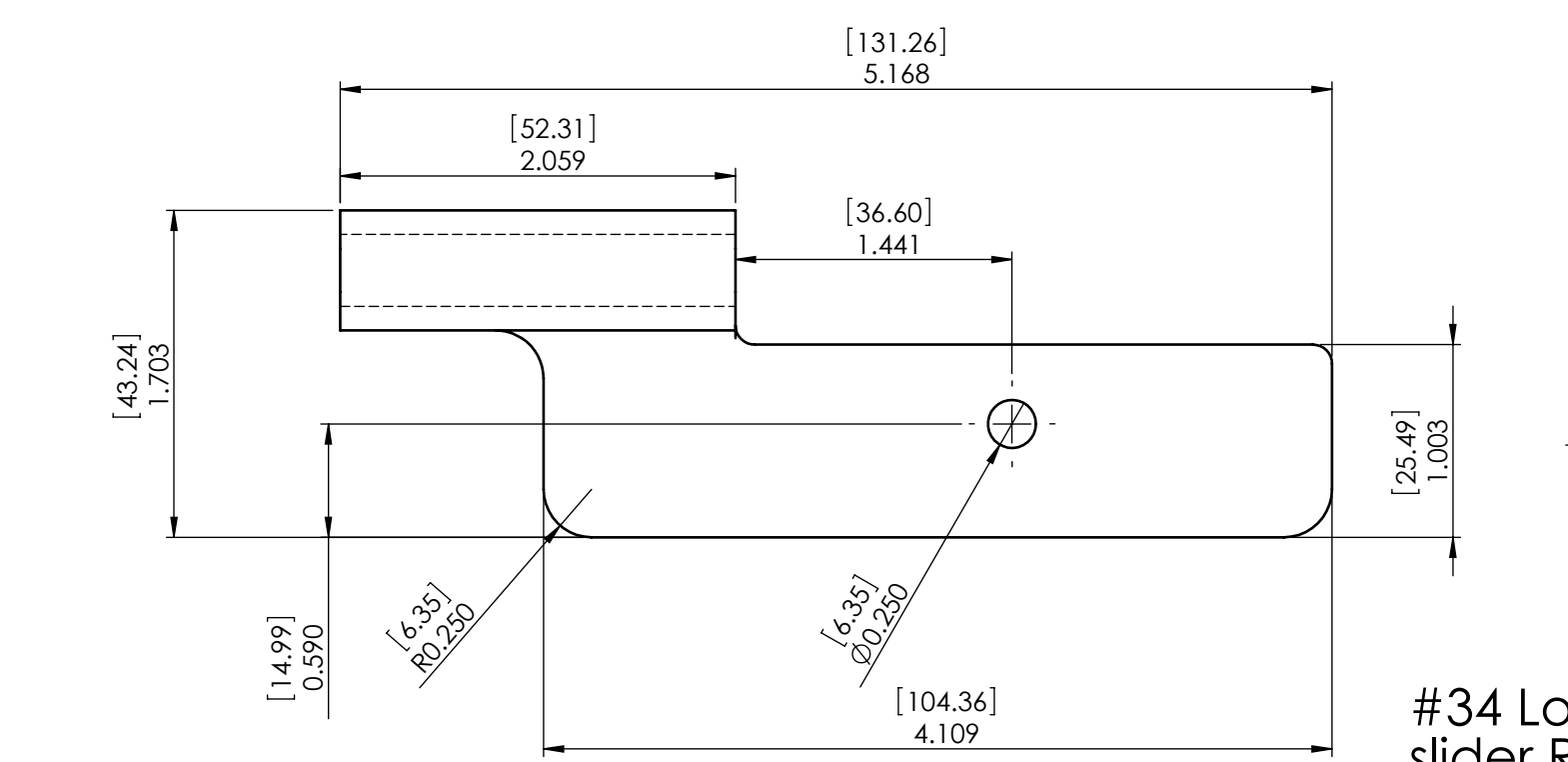
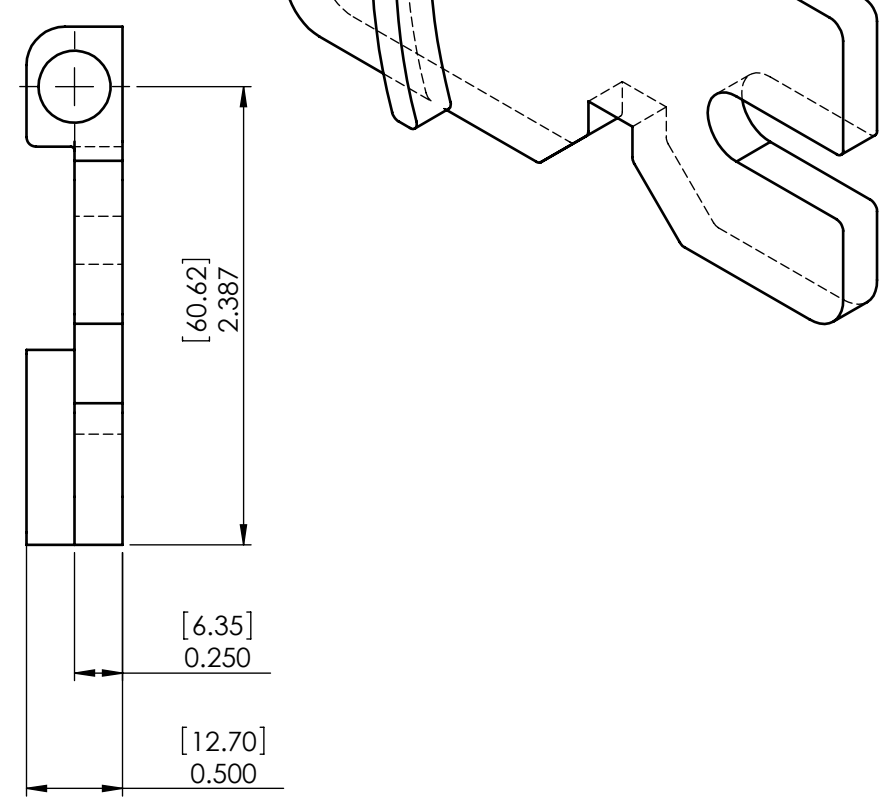
#31 Draw lock LH As Draw
#32 Draw lock RH Opposite Hand



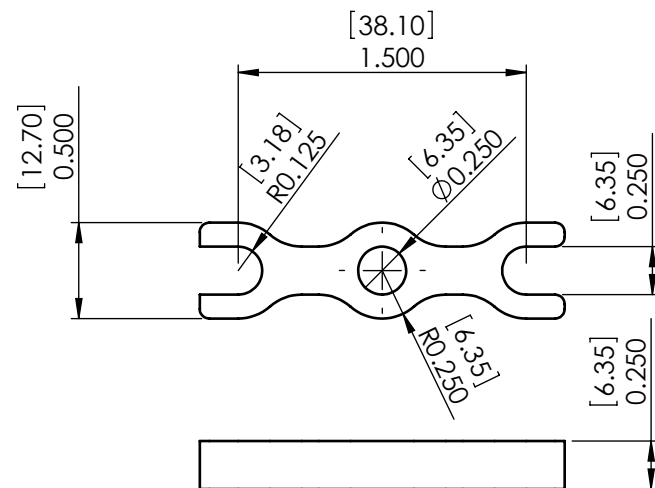
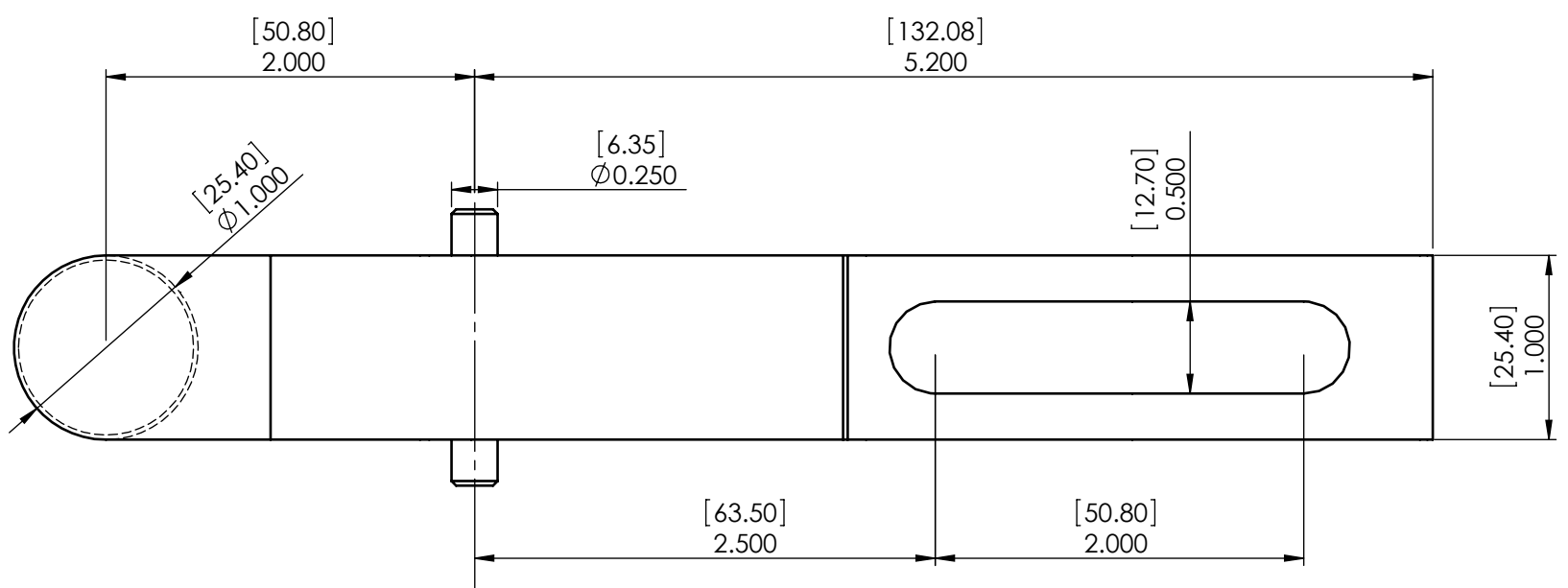
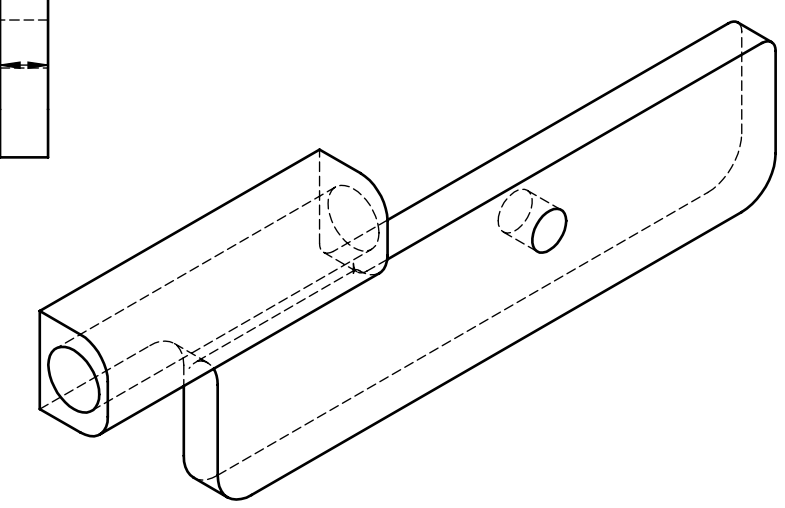
SECTION AN-AN



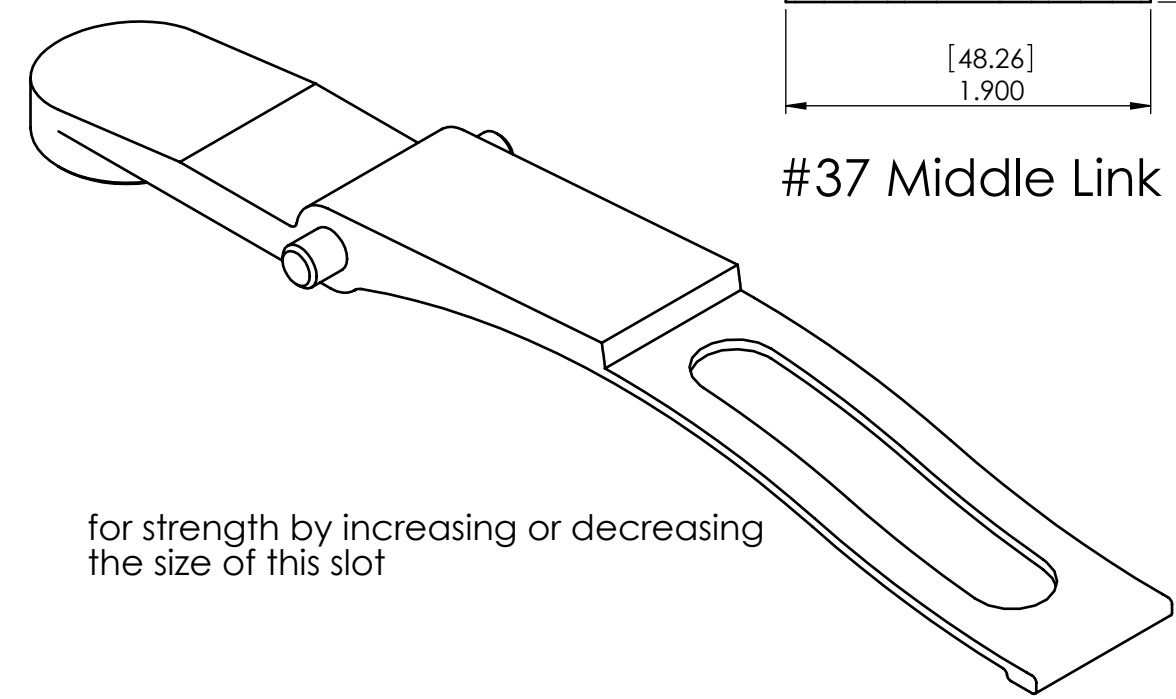
#33 Lock Slider LH



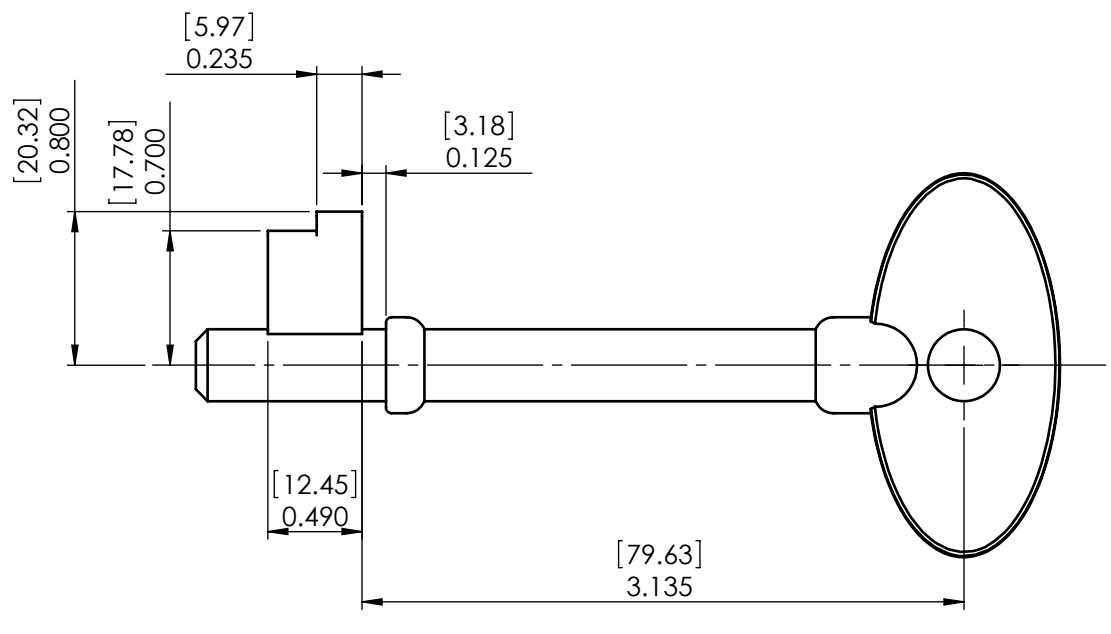
#34 Lock slider RH



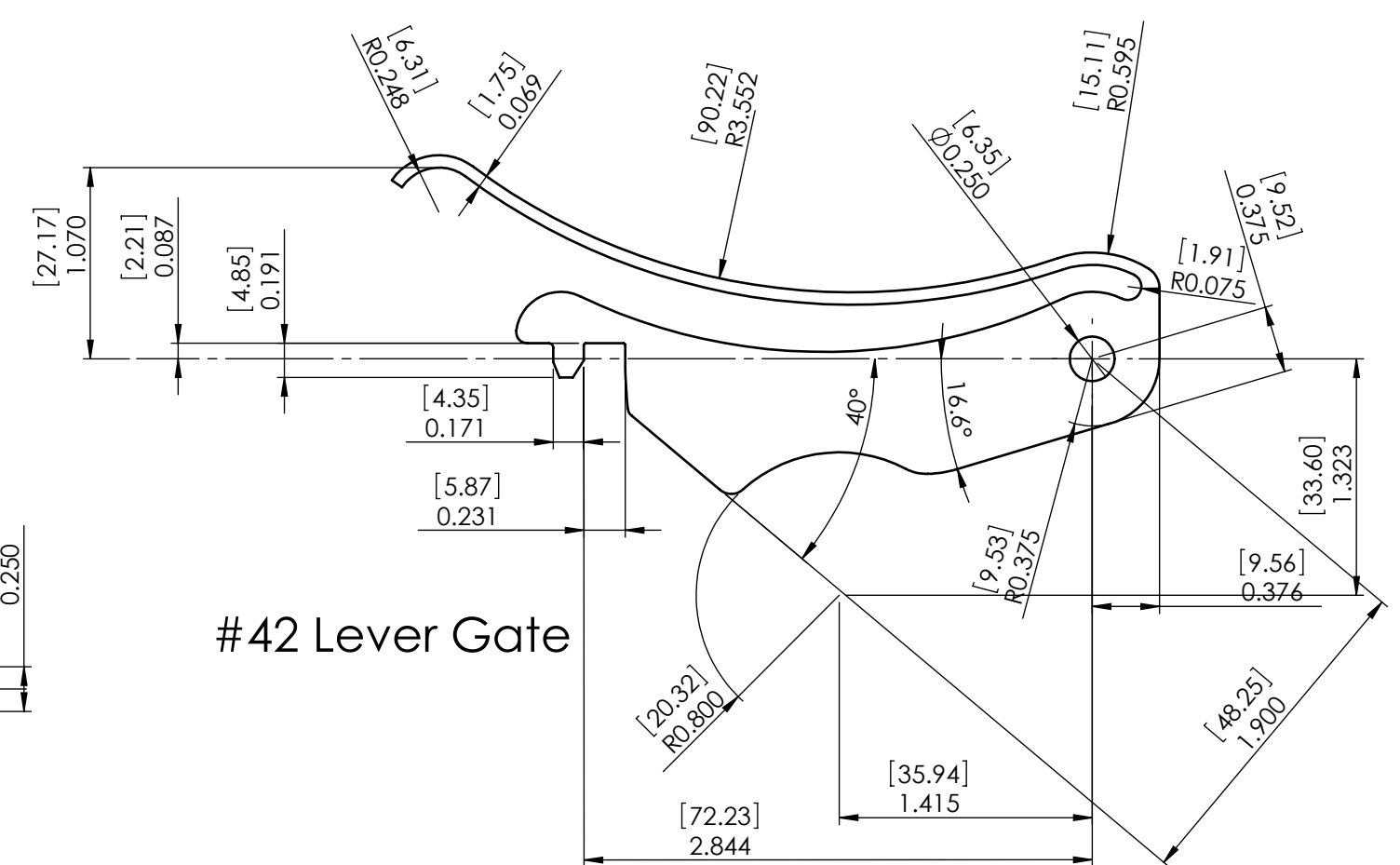
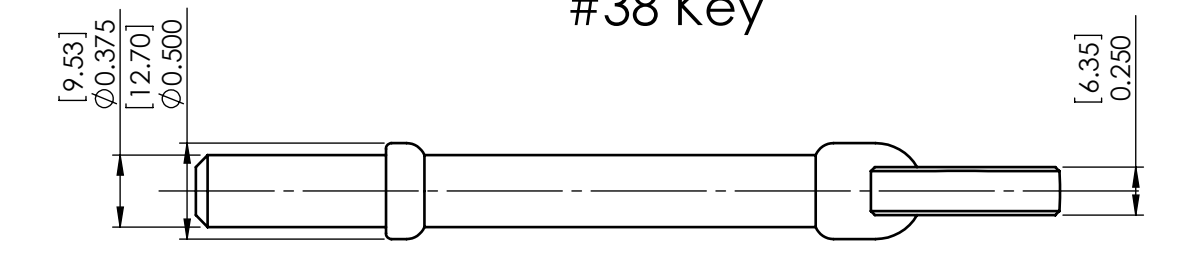
#37 Middle Link



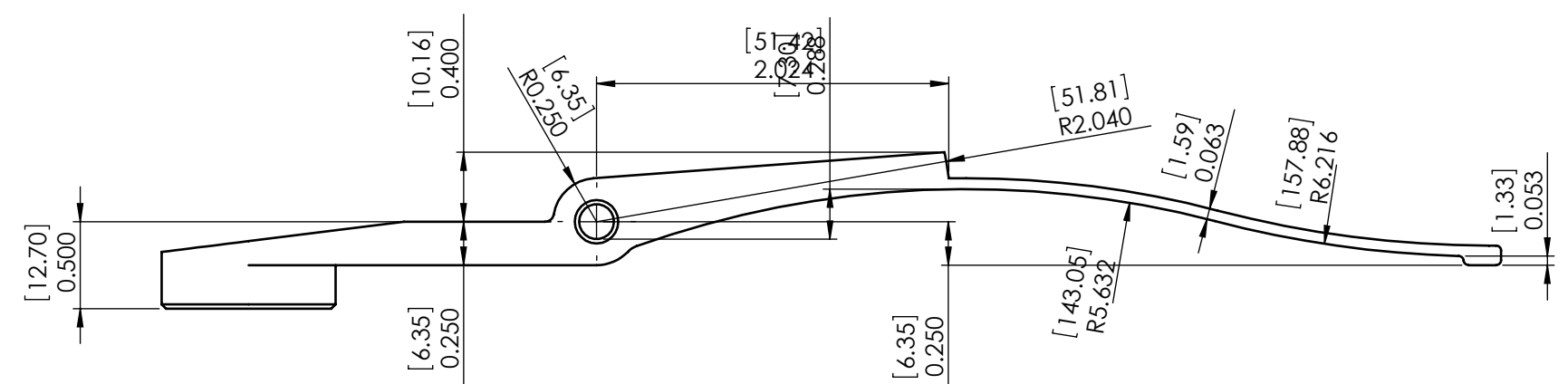
for strength by increasing or decreasing the size of this slot



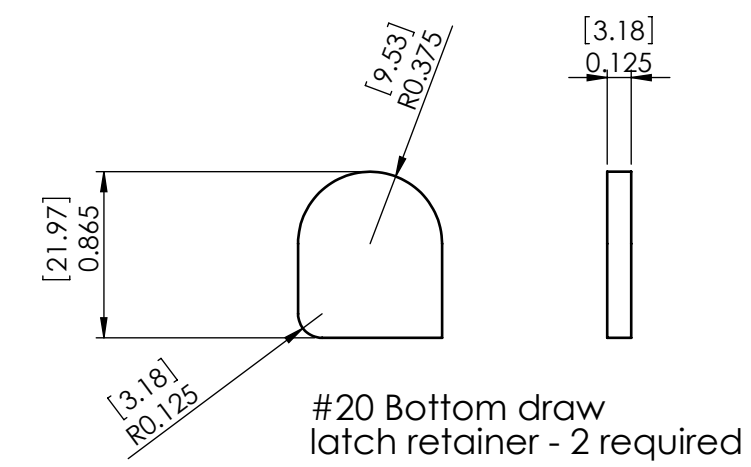
#38 Key



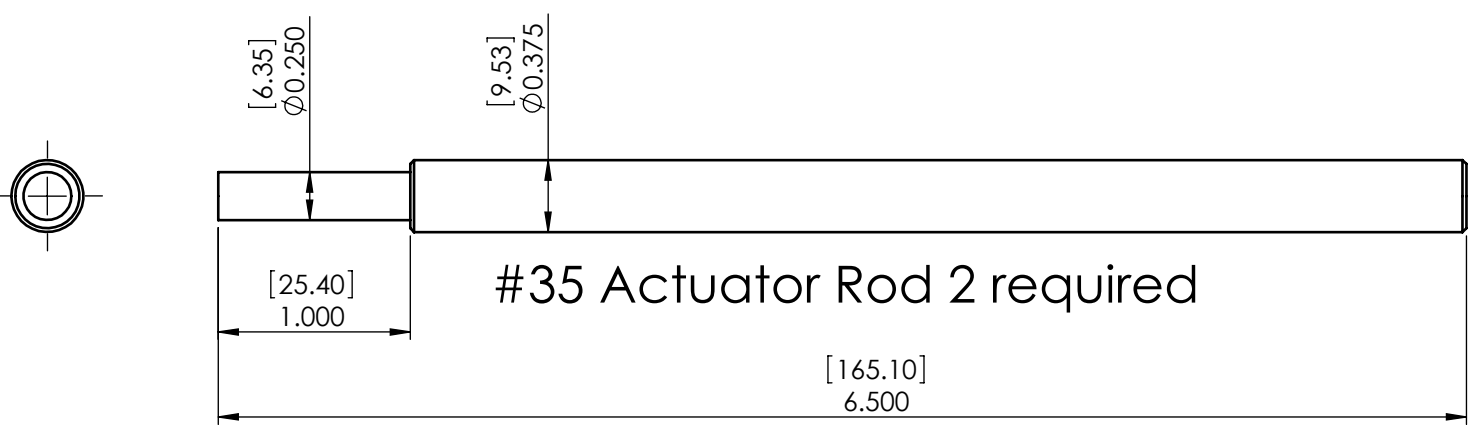
#42 Lever Gate



#21 Bottom Draw Latch



#20 Bottom draw latch retainer - 2 required



#35 Actuator Rod 2 required