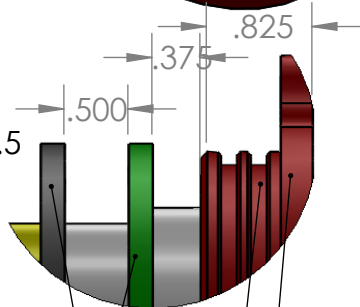
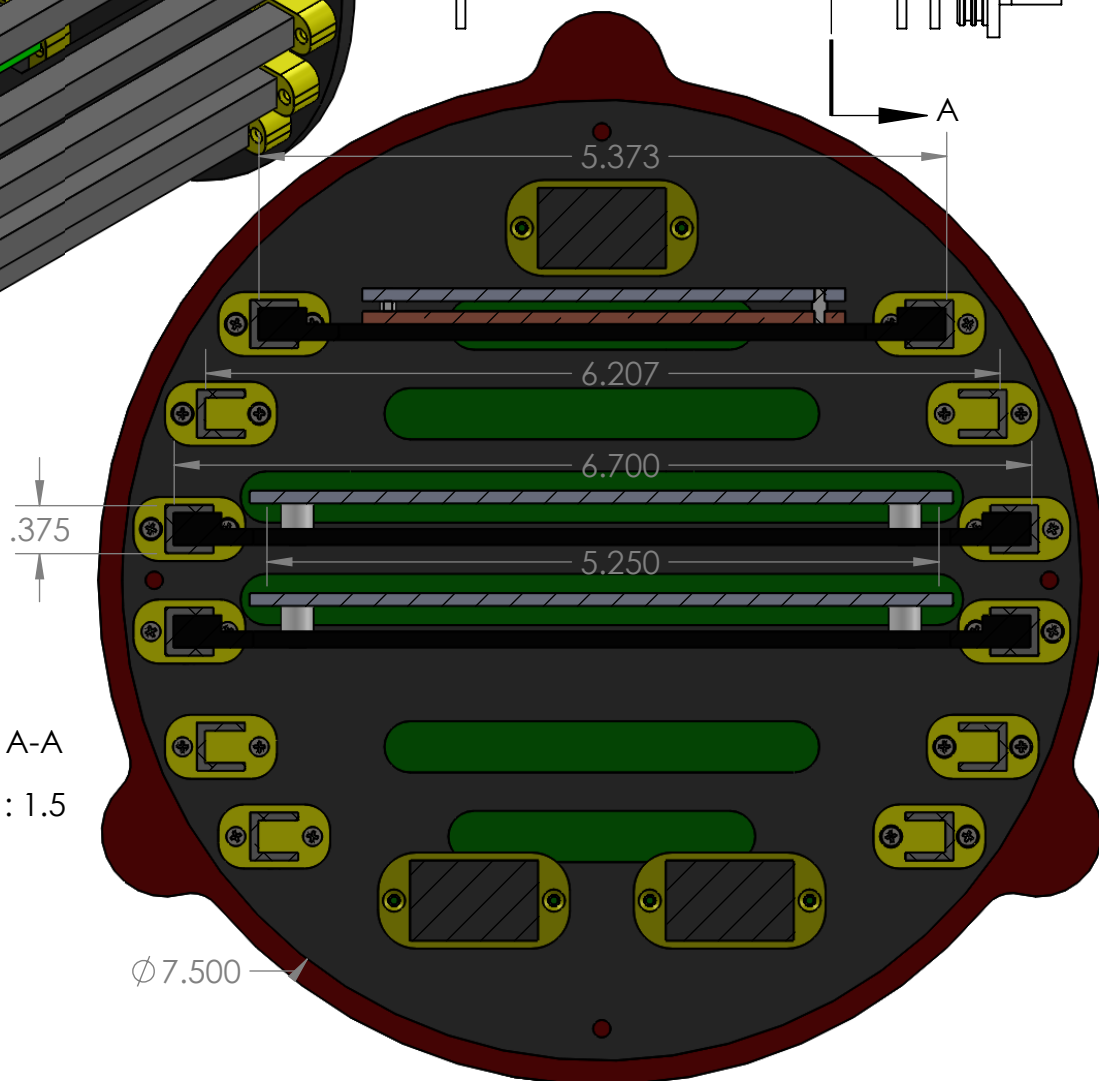
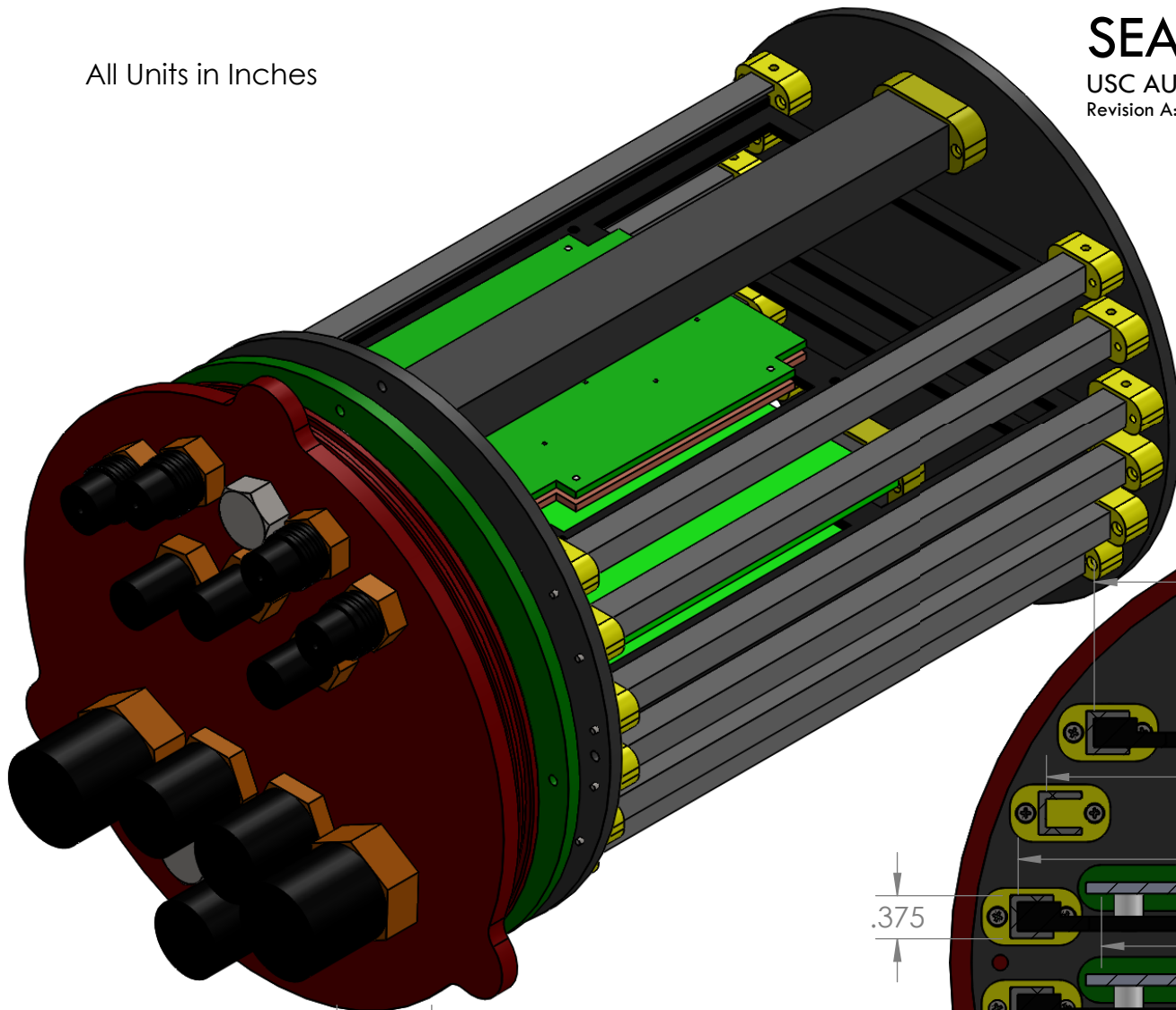
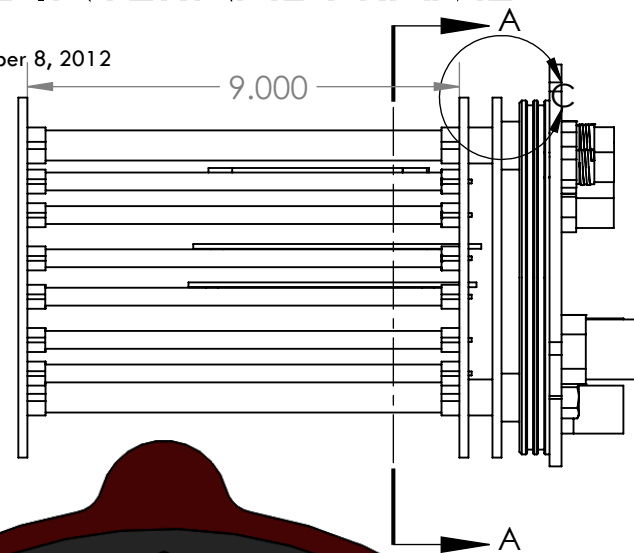


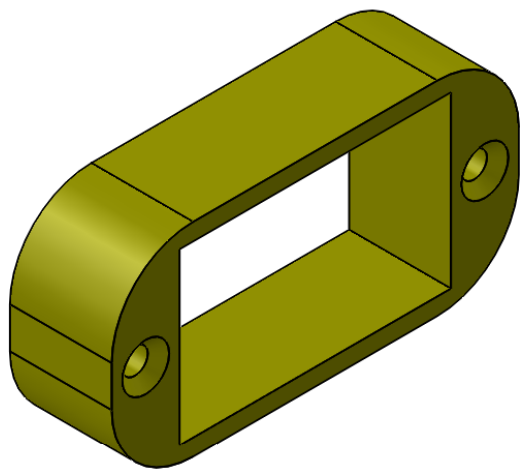
All Units in Inches

SEABEE INTERNAL FRAME

USC AUV

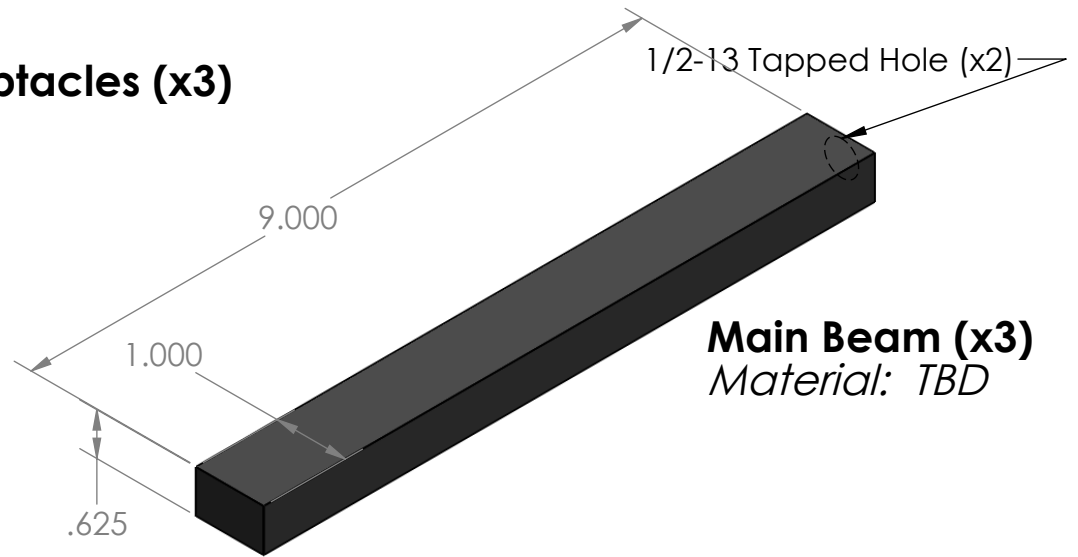
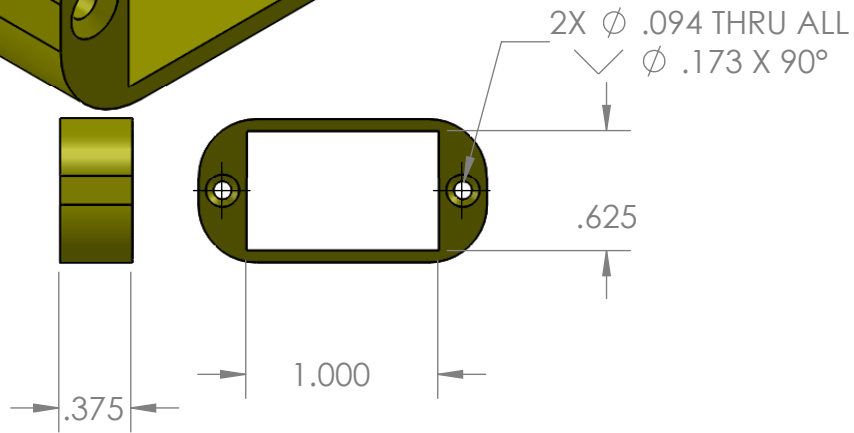
Revision A: November 8, 2012





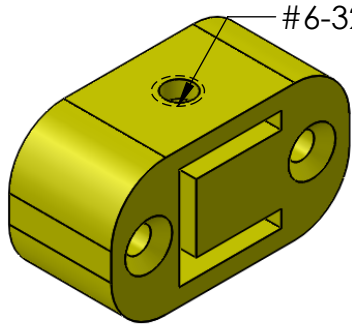
Main Beam Receptacles (x3)

Material: Delrin



Main Beam (x3)

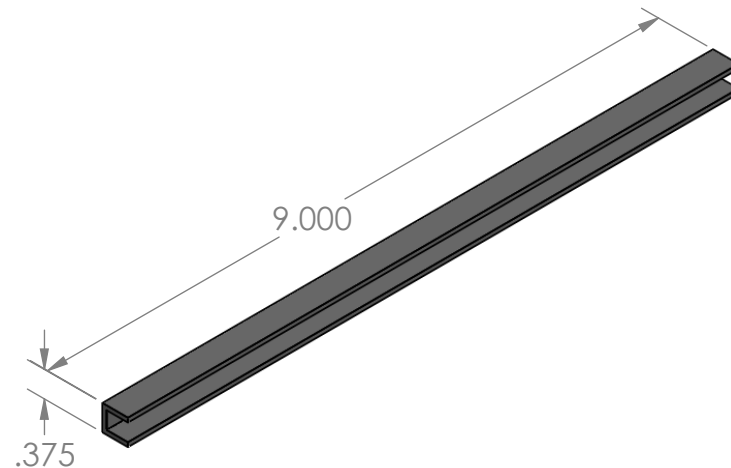
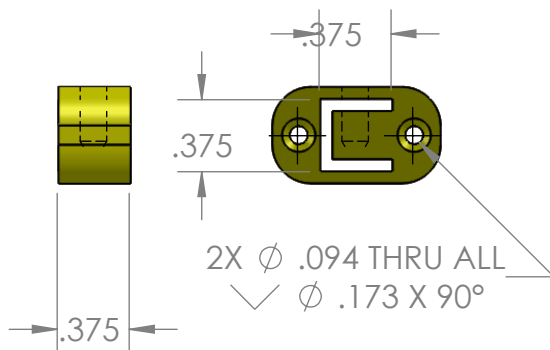
Material: TBD



#6-32 Tapped Hole (only for rear endcap)

U-Channel Receptacles (x24)

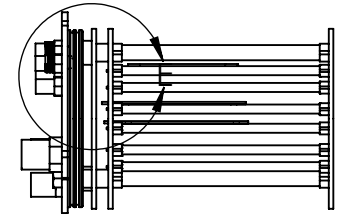
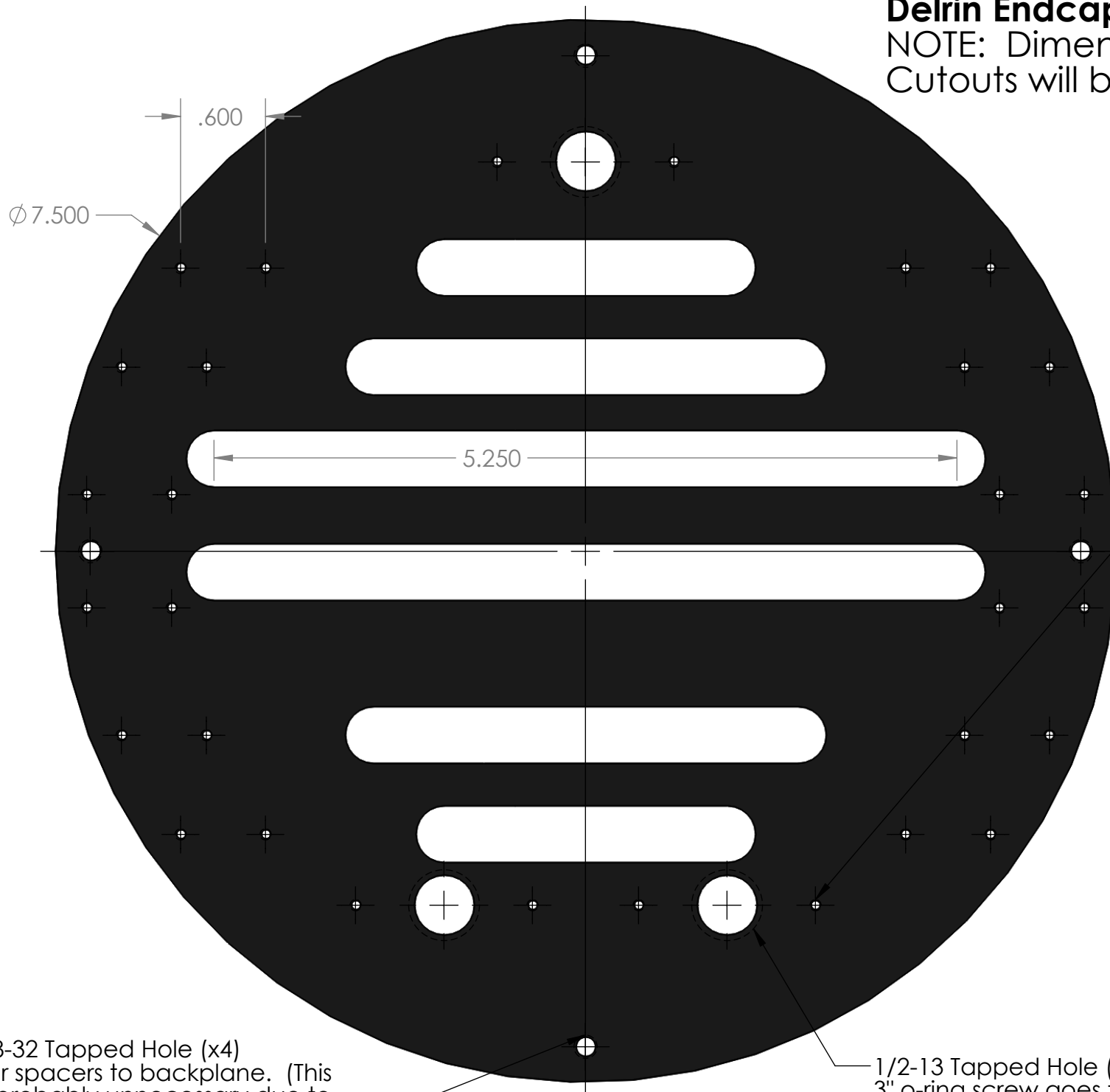
Material: Delrin



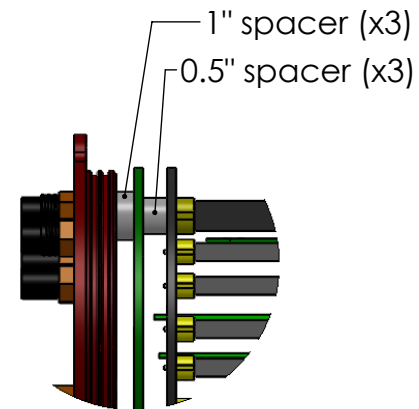
Aluminum U-Channels (x12)

Delrin Endcap

NOTE: Dimensions are still variable
Cutouts will be modified..



M2x0.4 Tapped Hole (x 30)



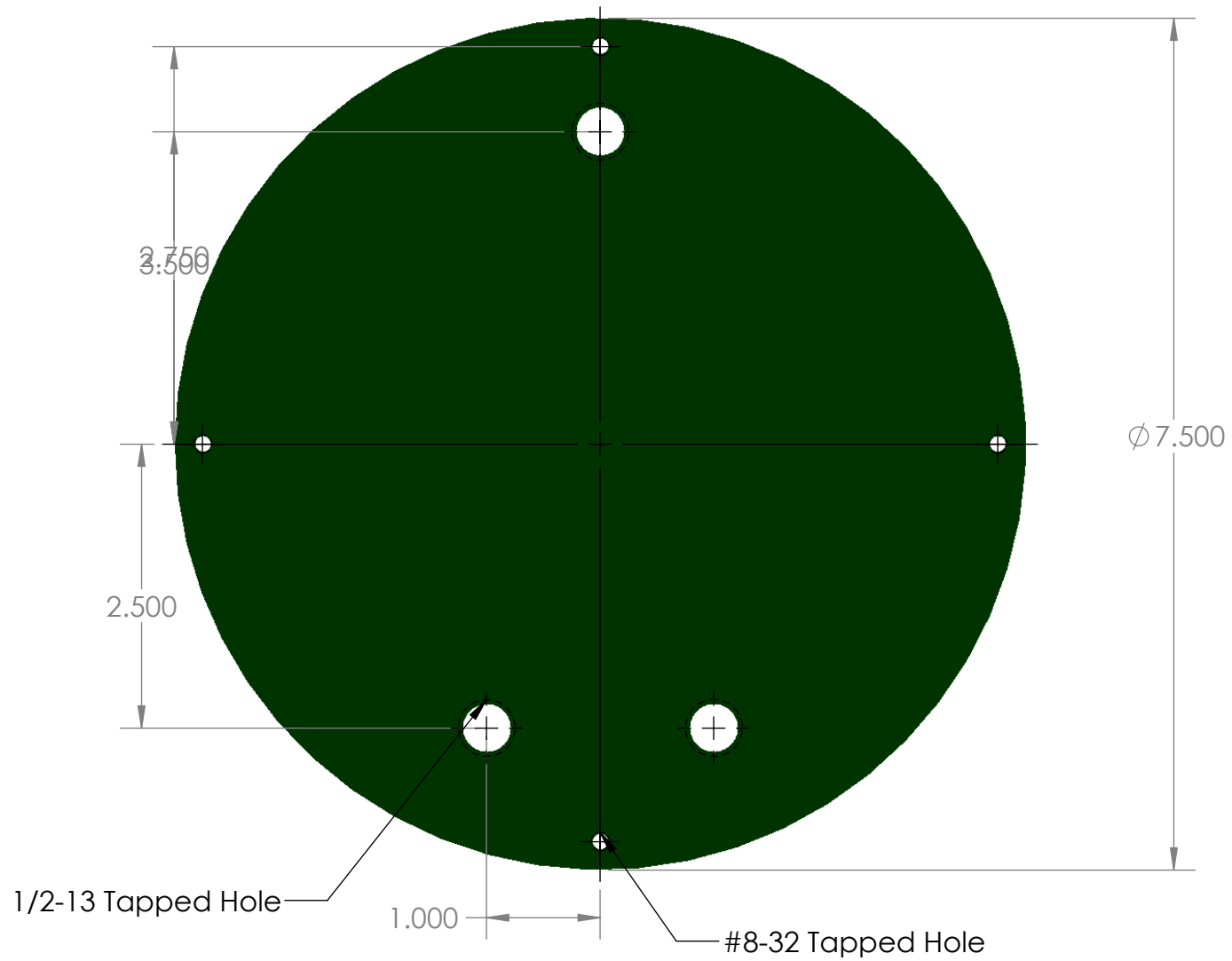
DETAIL E
SCALE 1 : 4

#8-32 Tapped Hole (x4)
For spacers to backplane. (This
is probably unnecessary due to
the three massive holes..)

1/2-13 Tapped Hole (x3)
3" o-ring screw goes through aluminum
endcap, backplane, delrin endcap, and
into beam.

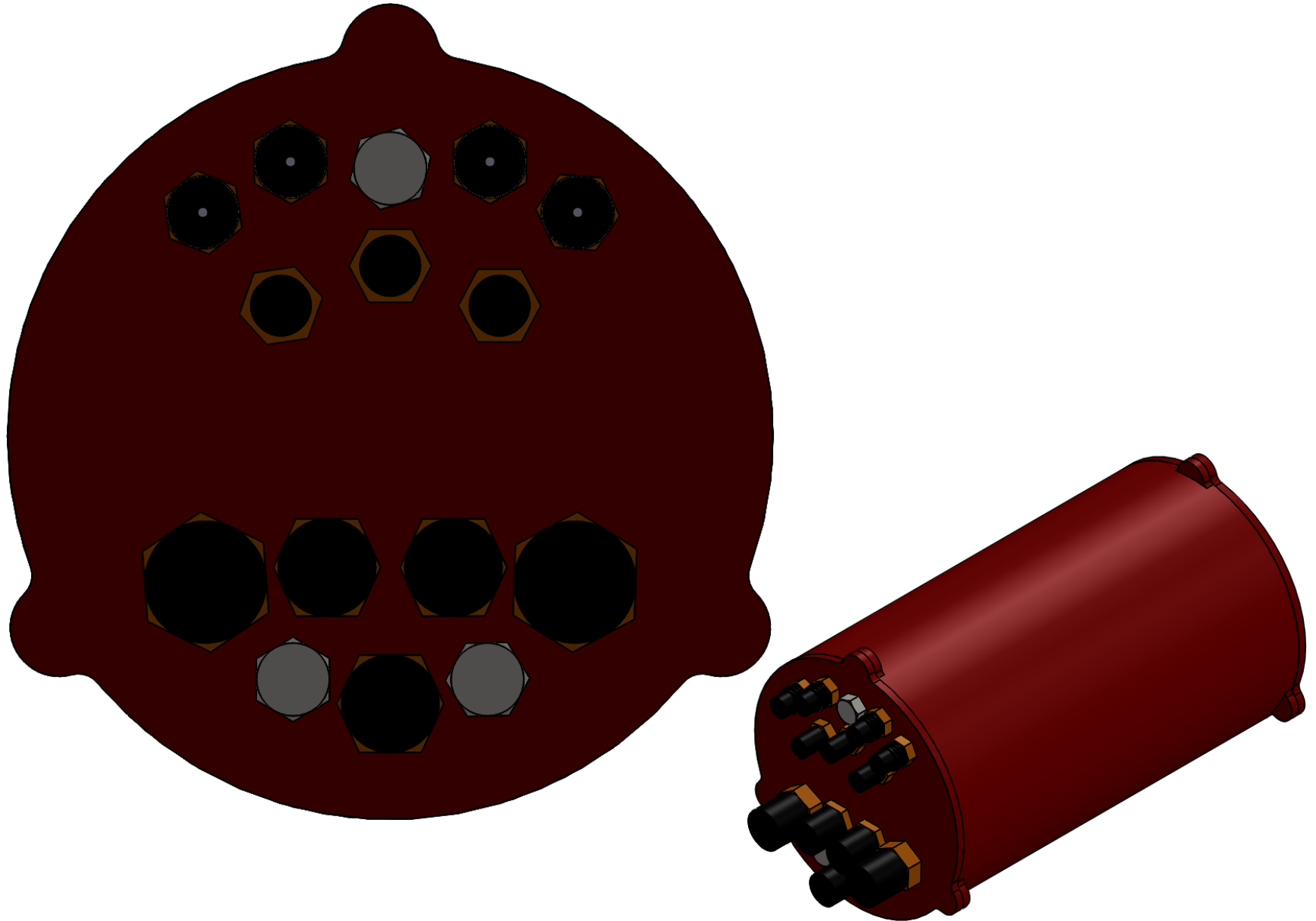
Backplane (hole locations)

Note: Will need to add more holes for cooling.



Current Endcap Layout

(Connectors need to be finalized)



OFFICIAL PARTS LIST

<COMING SHORTLY.....>