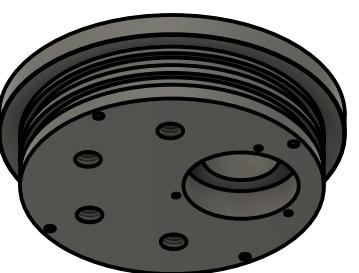
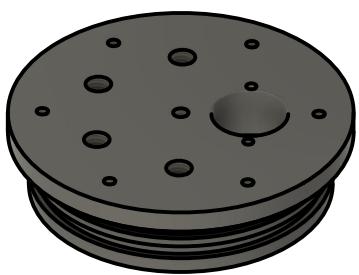
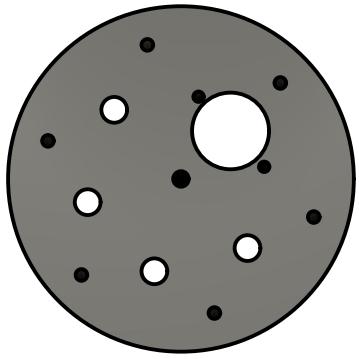
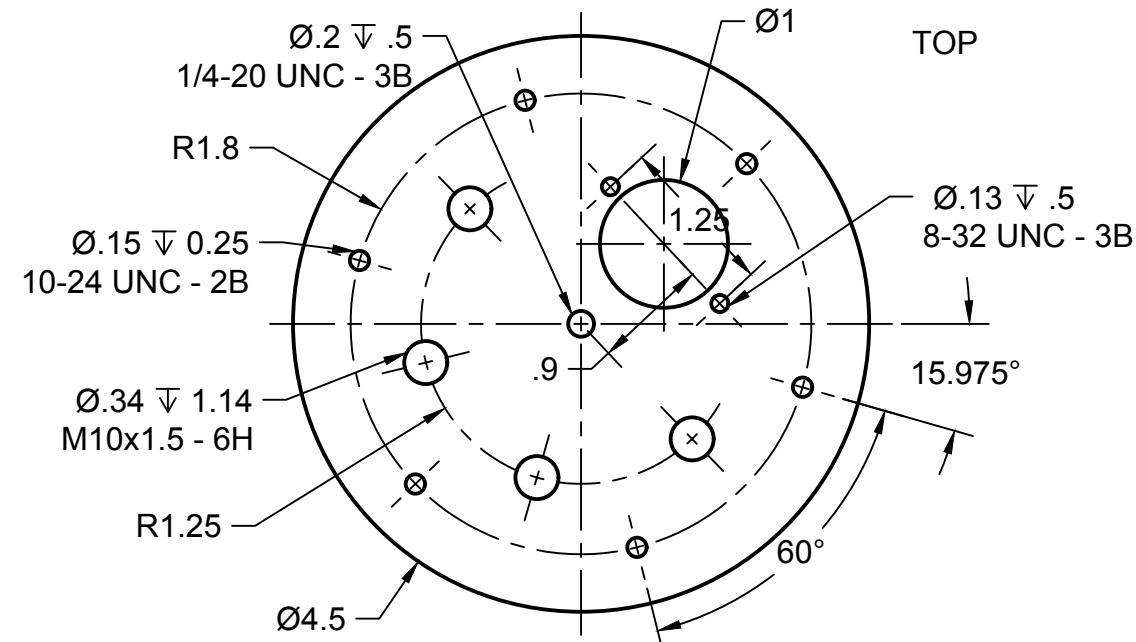
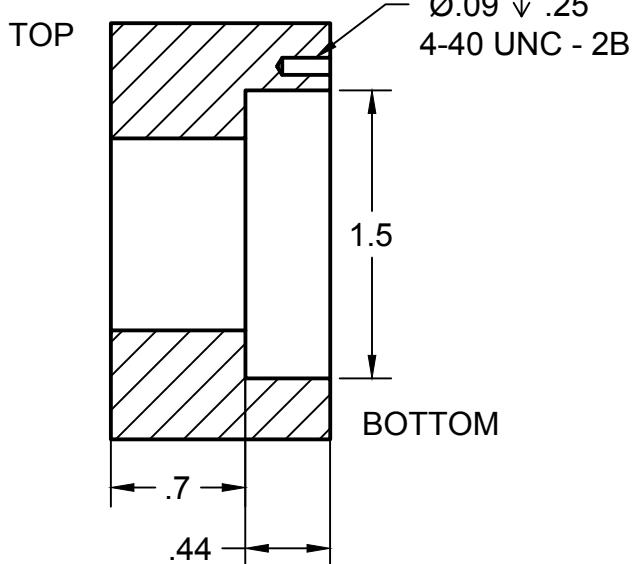
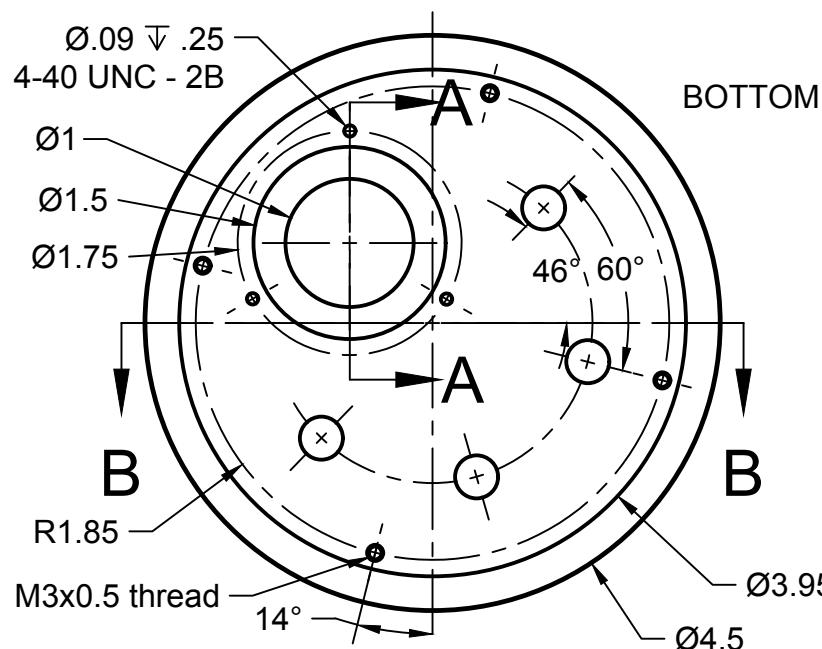
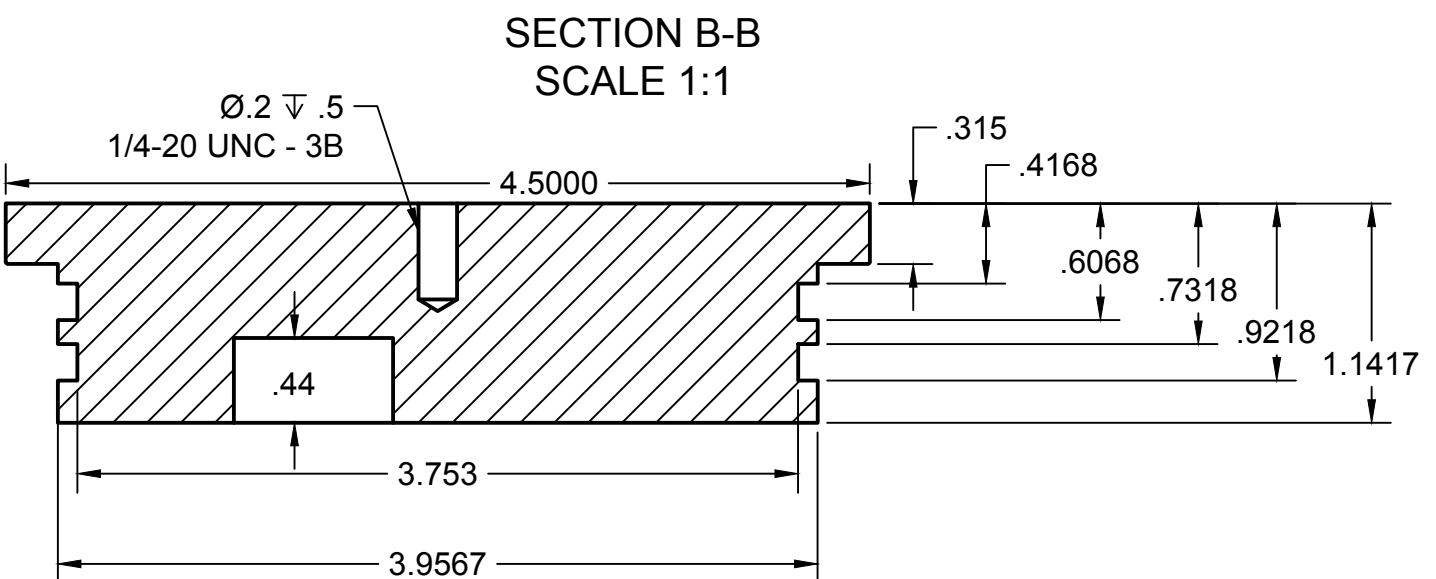


New top cap BR WTE4-M aluminum tubes, uses new metric o-ring design (from coupler) and through holes for sensors and data port access

- part material = aluminum
- dimensions refer to after hard anodizing
- dimensions in inches, tolerance +/- .0003
- o-rings = Nitril rubber Metric
- 4.1 CS = 3.5mm (0.138")
- 4.2 ID = 95mm, 93mm, 91mm
- \*\* 30 deg chamfer on outer lip for insertion
- drill and tap 4 of M10x1.5 through (from 6 hole pattern)
- drill and tap 1 of 1/4-20 thread on top center 0.5" depth
- drill and tap 6 of 10-24 thread on top 0.25" depth
- drill 1" diameter through
- top through holes will have face seal o-ring bulkhead sensors
- drill and tap 2 of 8-32 thread 0.5" depth on top
- drill and tap 4 of M3x0.5 thread on bottom
- drill 1.5" diameter 0.44" depth on bottom
- drill and tap 3 of 4-40 0.25" depth on bottom
- drill and tap 3 of 4-40 0.25" depth on bottom



SECTION A-A  
SCALE 1:1



	PROJECT			
	<b>Pelagic Laser Tomographer</b>			
	TITLE			
	new top cap with new orings (no sensors) Metric o-rings			
APPROVED	SIZE	CODE	DWG NO	REV
CHECKED	B			
DRAWN	MALCOLM DALE Stokes 4/14/21	SCALE 1:2	WEIGHT	SHEET 1/1