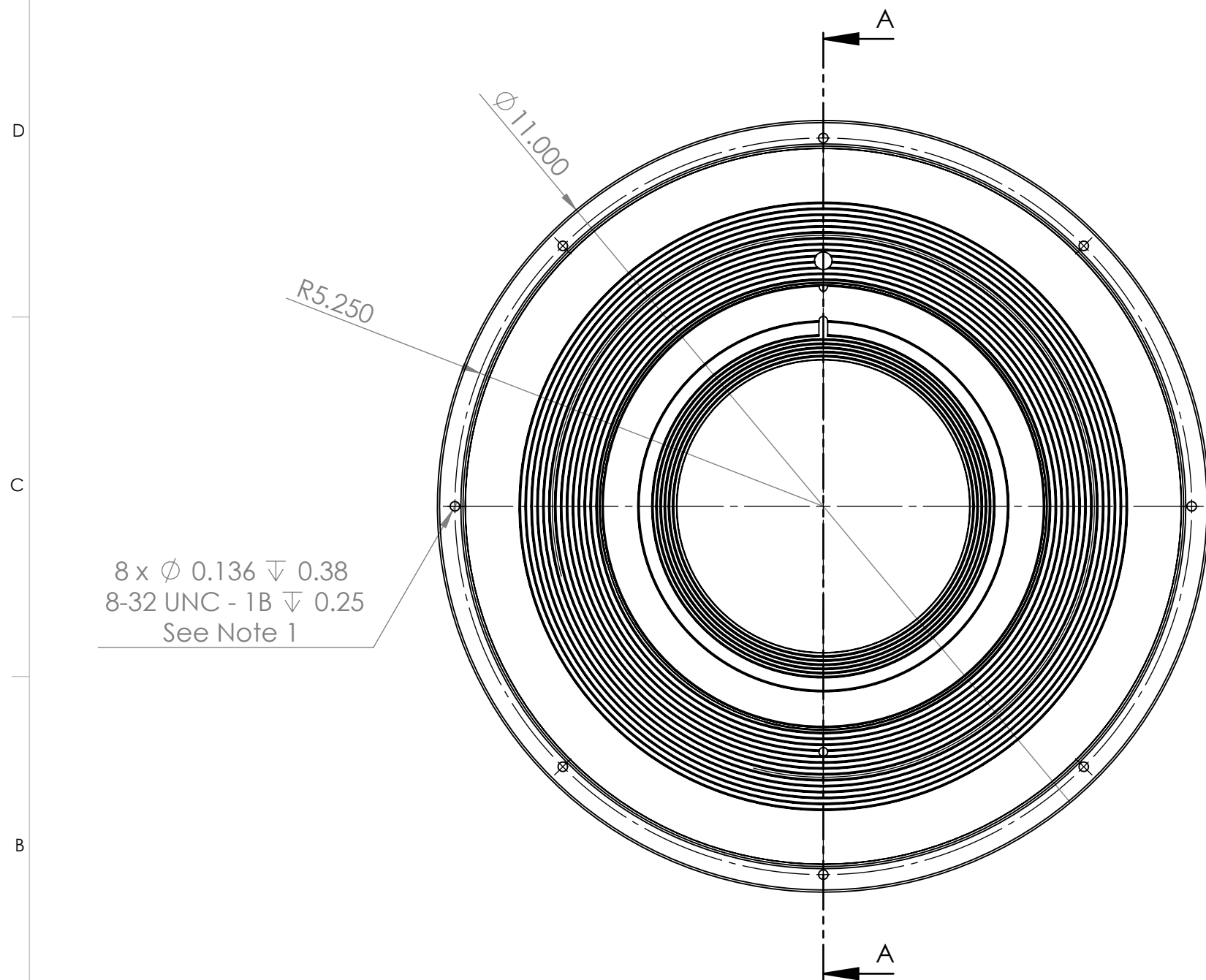




Anti reflective steps.
Dimensions not critical

6.35-24 UN-2B
Check fit with
front lens retainer

4.38-24 UN-2B
check fit with
rear lens retainer

7.77-18 UNC- 2A
Match with Housing Tube thre

SECTION A-A
SCALE 1 : 2

Notes:

- 1- 8-32 holes and SAE ports must be aligned with holes in rear endcap of housing. Assemble housing and check alignment before drilling holes (check with Francois)
- 2- Radius of internal fillets: 0.015"
- 3- Radius of external fillets: 0.005" unless noted otherwise

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute		
1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$	DRAWN	Francois Cazenave	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
1. DIMENSIONS ARE IN INCHES				ENGINEER	Francois Cazenave			
2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED		I2Map_Dome_Ring		
3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	901209.99			
4. MACHINED FILLET RADII .0150-.030.				PROJECT	I2Map	I2map_008		
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				SCALE	1:5			
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				DO NOT SCALE DRAWING	WEIGHT 19.288 lb.	SIZE B	DWG. NO.	REV.
						SCALE 1:5		SHEET 1 OF 4

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D

C

B

A

$\phi 0.000$

$+0.002$
 $\phi 10.203$ 0.000

$\phi 8.661$

$+0.002$
 $\phi 6.303$ 0.000

$+0.002$
 $\phi 0.000$ 0.000

1.50
0.500

0.264

0.501 ± 0.002

2.171 ± 0.002

SECTION C-C
SCALE 1 : 2

3.541
0.75

0.472

14.3°

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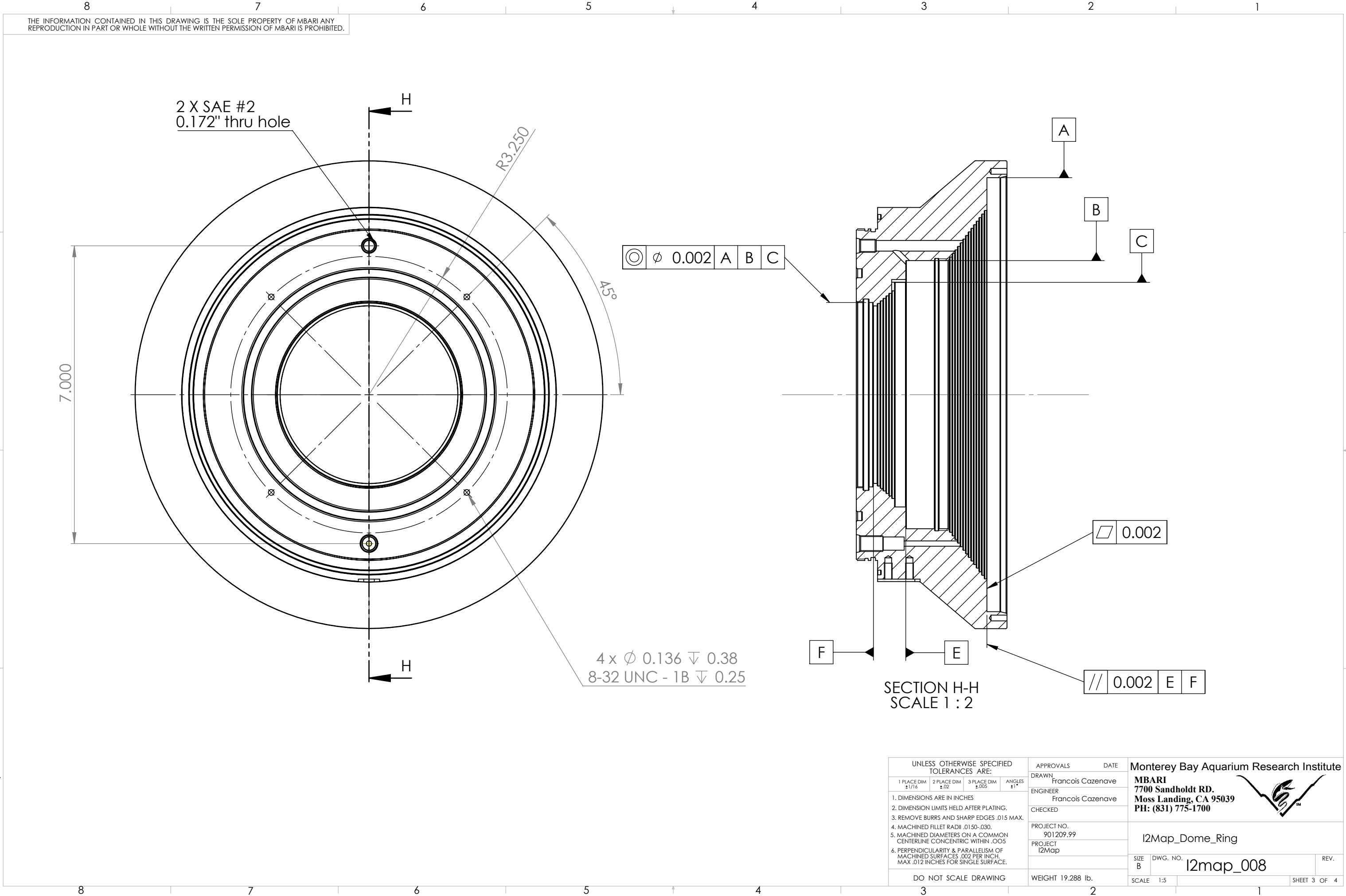
B

C

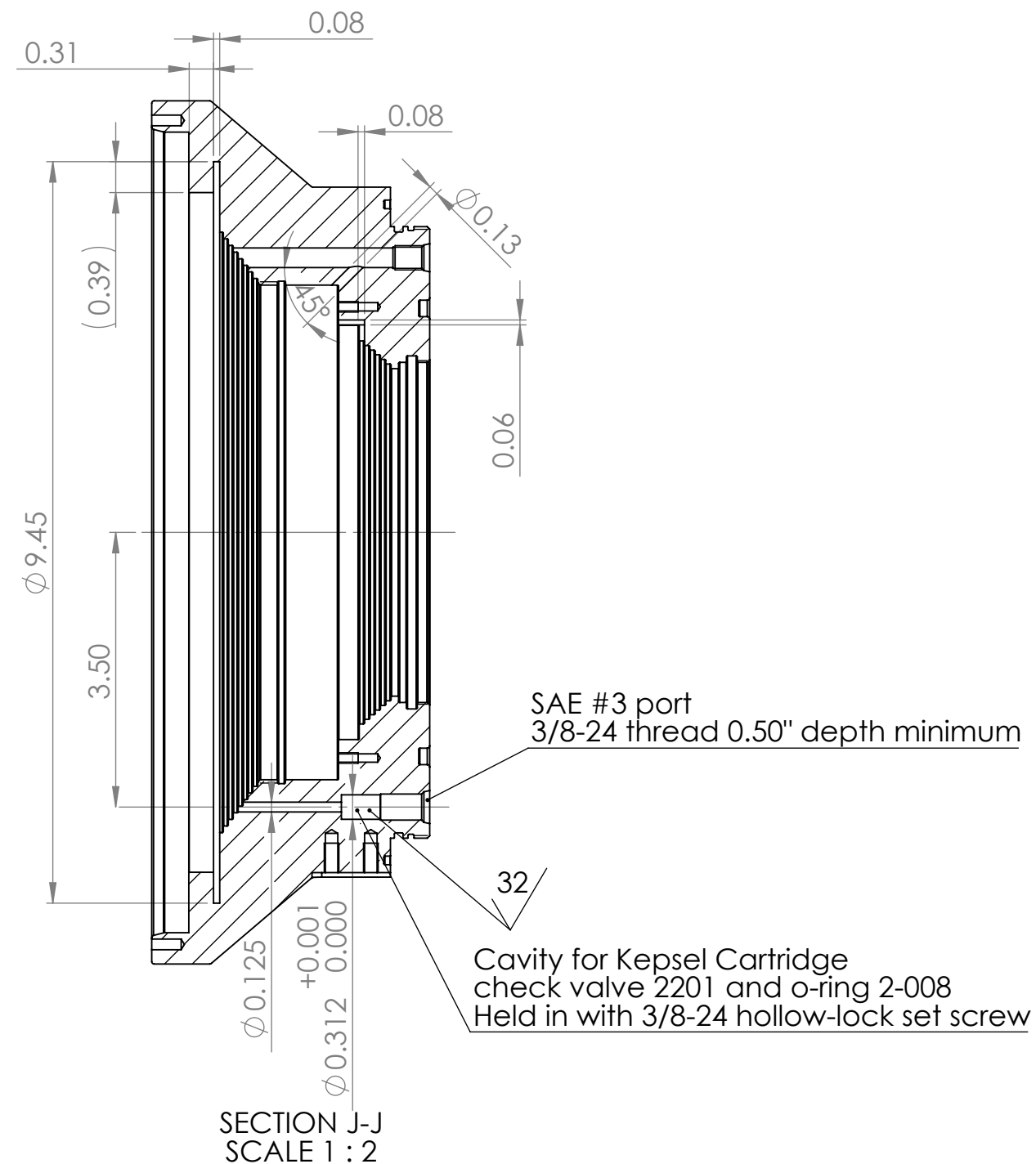
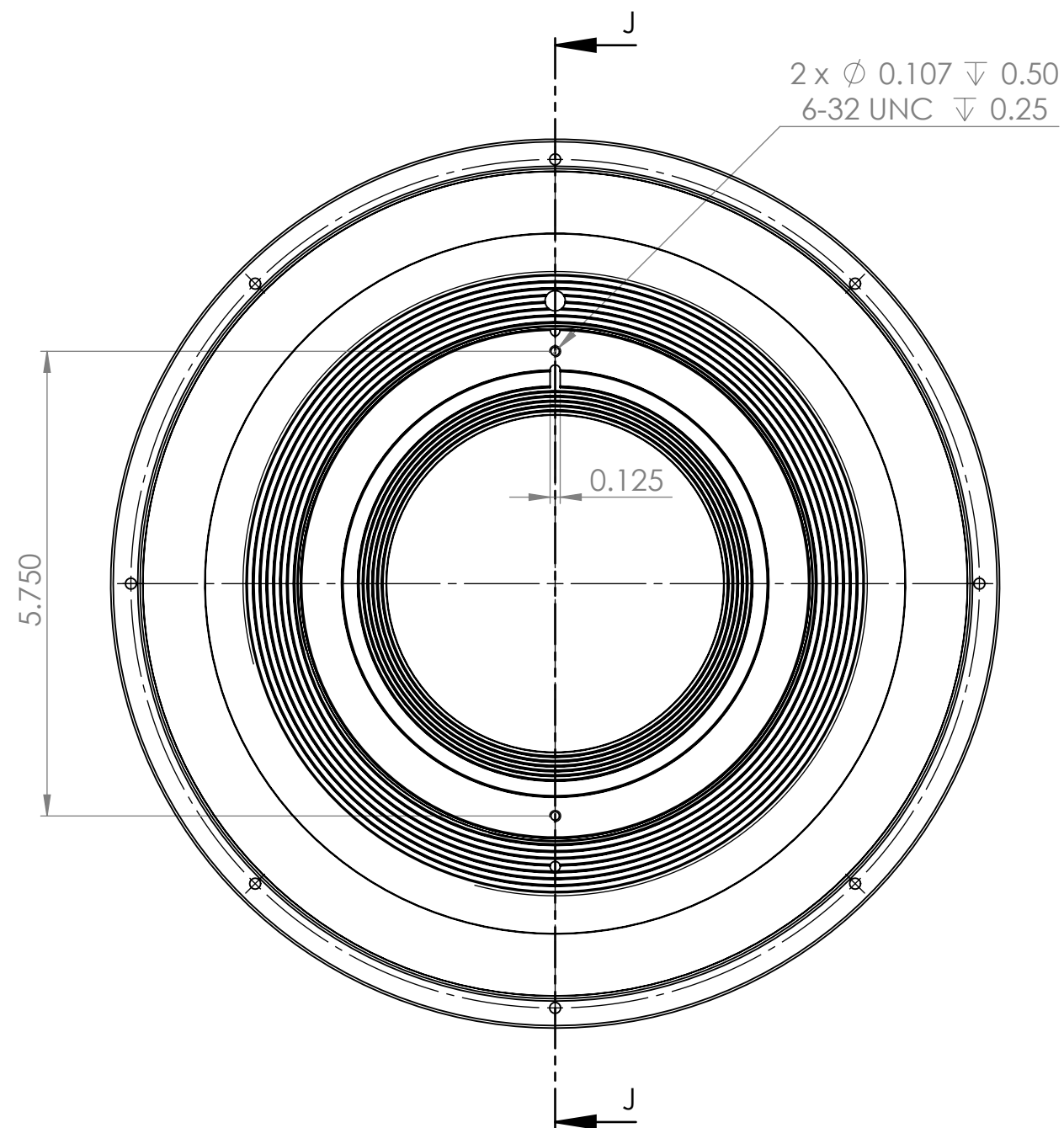
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Revisions:
check valve cavity
Air passages
Stress relief groove
6-32 holes

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3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.		901209.99		I2Map_Dome_Ring	
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5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				SIZE		B		DWG. NO.	
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				REV.		I2map_008			
DO NOT SCALE DRAWING				WEIGHT		19.288 lb.		SCALE 1:5	
								SHEET 4 OF 4	