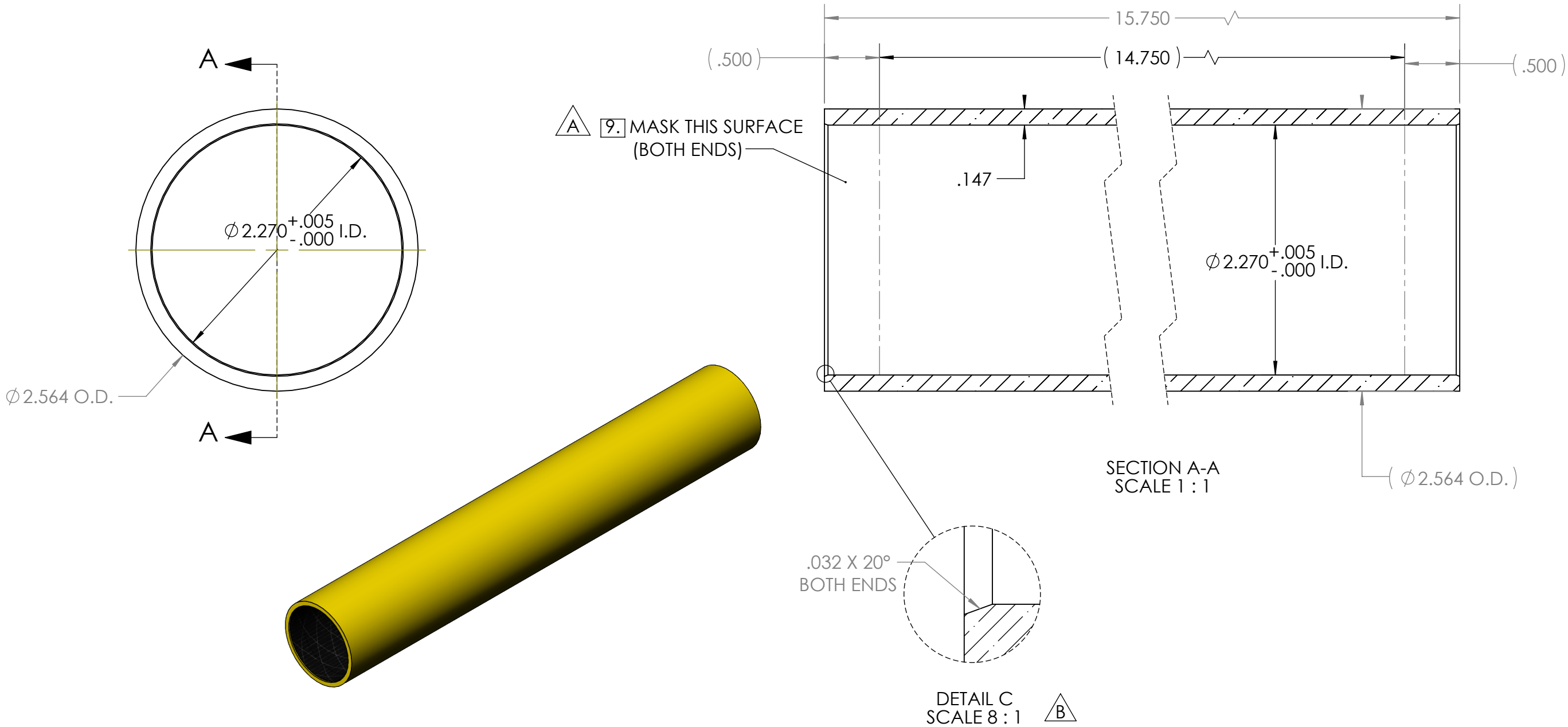


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REVISIONS				
ZONE	INITIAL	RELEASE	DESCRIPTION	DATE X/XX/YY
A3, B3	A		ADDED MASKING CALL-OUT	8/9/2021
A2	B		ADDED O-RING 20 DEG. BEVEL	8/9/2021
A3	C		CHG PAINT CALL-OUT	8/3/2023
A3	D		ADD INTERIOR GELL CAT CALL-OUT	8/15/2023



SWD = 2000m

10. FINISH: TWO COATS, Ameron Safety Yellow (PX700T5FD/1U). or EQUAL. C
O.D. & BOTH ENDS.
MASK SURFACES AS SHOWN. Measure O.D. (~ $\phi 2.591$ ")

8. LM Graphite-Epoxy, 12 layers @ +/- 60 deg. (MBARI CUSTOM MANDREL) D
INTERIOR GELL COAT SURFACE.

7. PROJECT LIBRARY:\ChemSensors\JonE\ISUS-APEX_2000m\A-221483-20_CompositeHsg

NOTES: (CONT. FROM TITLE BLOCK)

1	1	P-221483-20	ISUS-APEX_2000m Composite Tube	Amalga Composites	Amalga- LM Graphite-Epoxy
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Vendor	MATERIAL
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		DRAWN J. ERICKSON 7/24/20	
Engineer				ENGINEER J. ERICKSON 7/24/20	
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO. 901217	
	Hsg_V4			PROJECT Chem S.	
Application		DO NOT SCALE DRAWING		WEIGHT 1.002	
				Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
				ISUS-APEX_2000m ISUS-APEX_2000m Composite Tube	
				SIZE B	DWG. NO. P-221483-20.DWG
				SCALE 1:2	REV. D
				CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1	