

D

C

B

A

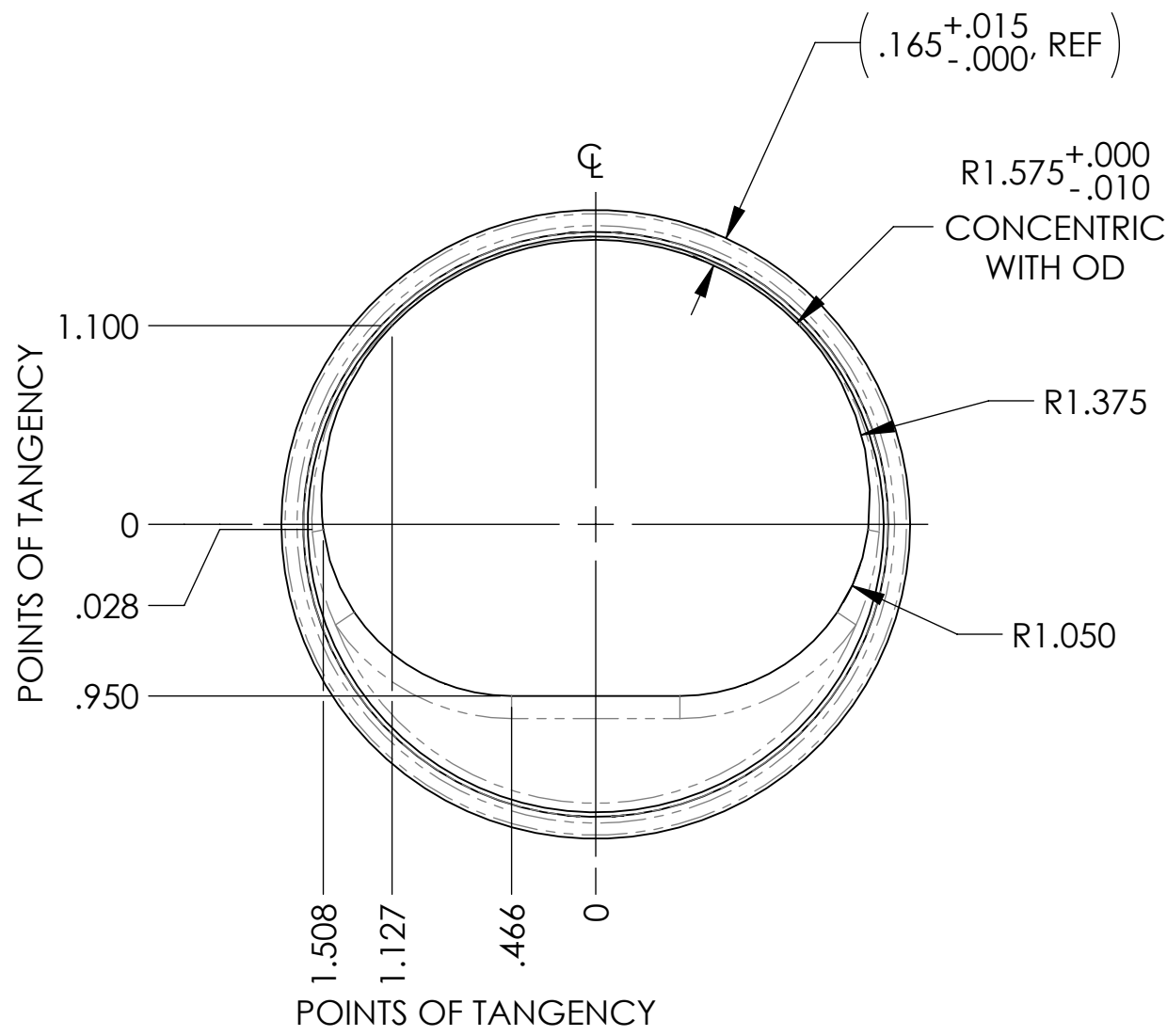
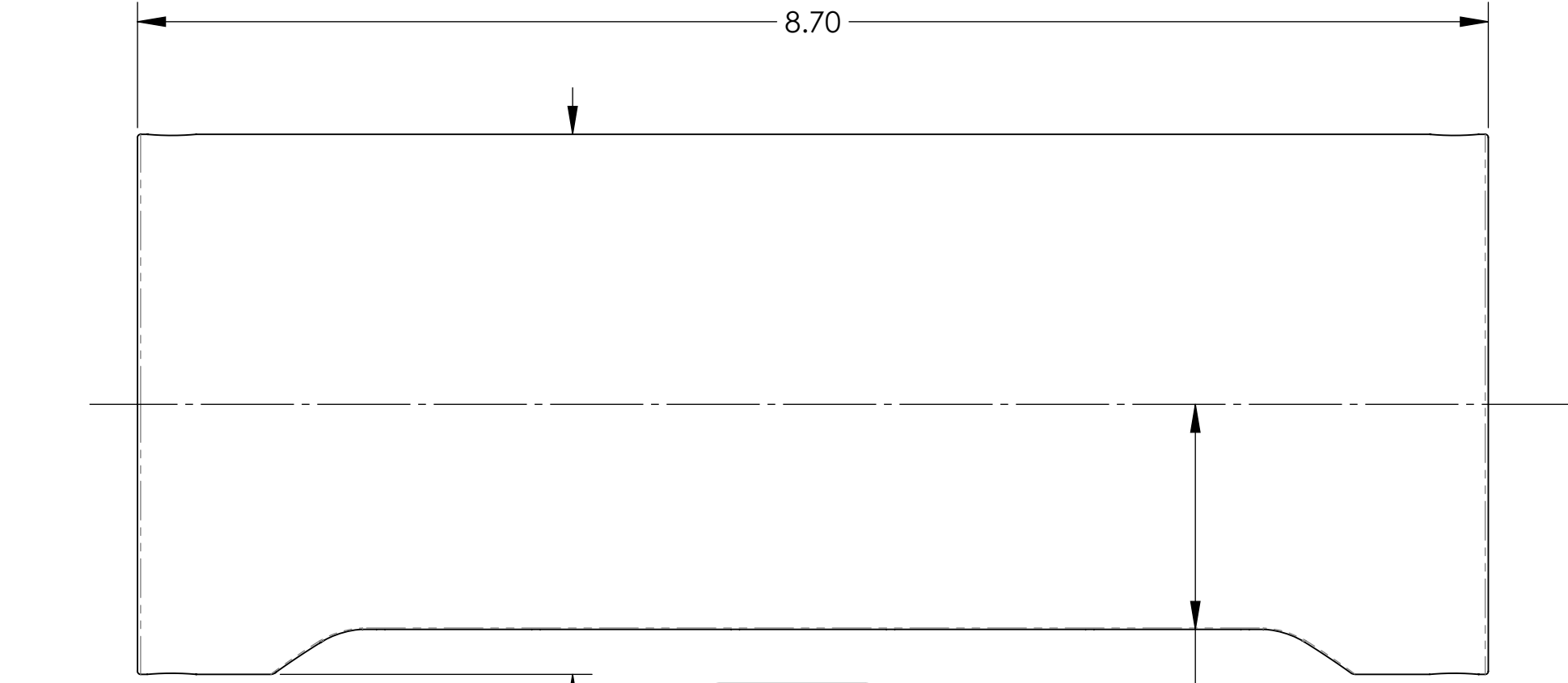
D

C

B

A

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	ANODIZE THICKNESS AND SEALCOAT SPECIFICATION. ADJUSTED TOLERANCES OF CRITICAL SURFACES	5/7/2024	TSG



12X $\varnothing$.14 ∇ .33
8-32 UNC - 2B ∇ .25
 $\surd$ $\varnothing$.17 X 90°, NEAR SIDE
OVERTAP FOR ANODIZE BUILDUP.
ENSURE HOLES ARE PLATED.
SEE NOTE 7.

$\varnothing$ 2.320
CENTERED ON
THRU HOLE,
2 PLCS

0.001

.220
BOTH ENDS

$\varnothing$.275 $\pm$.005
THRU ALL
BOTH ENDS

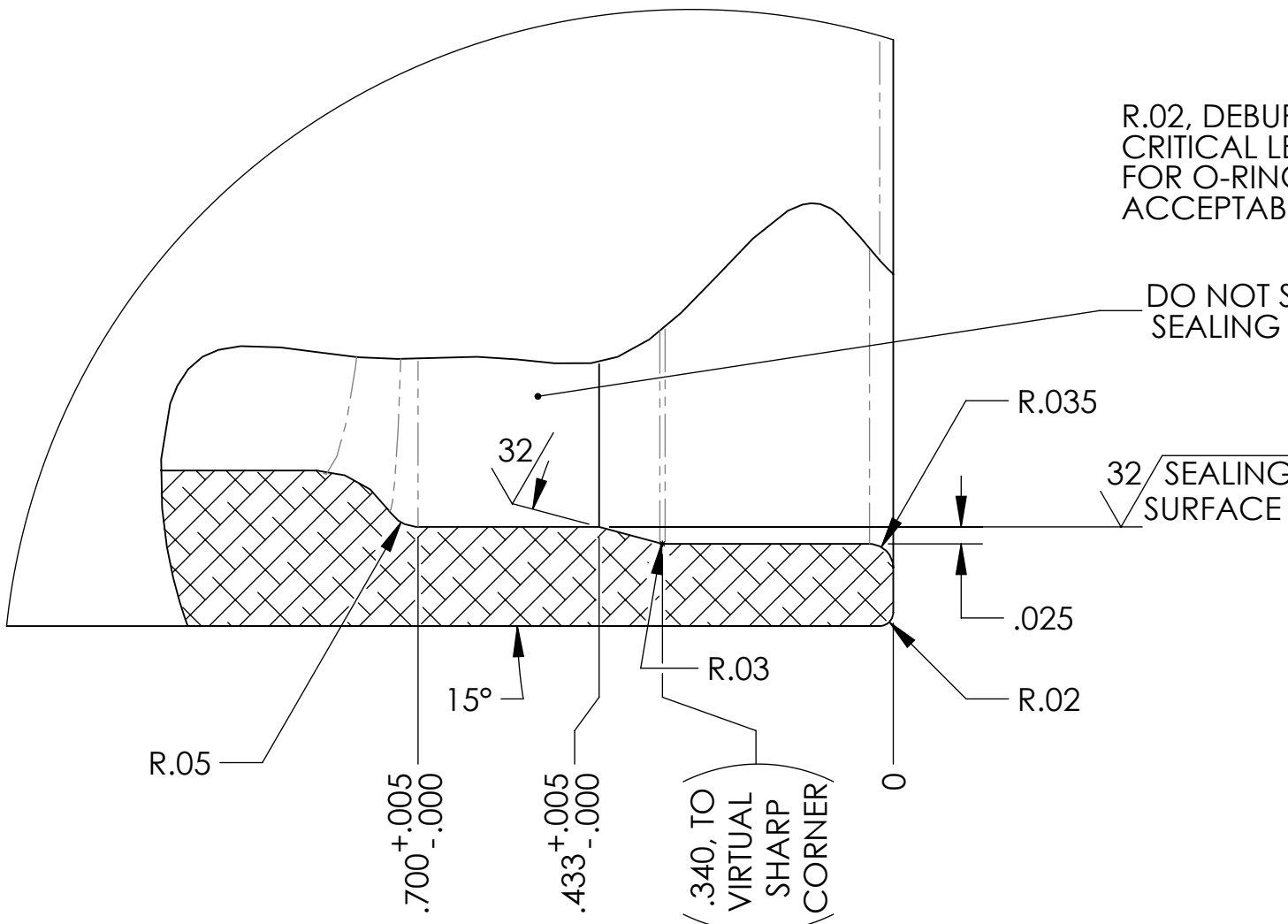
(30°)

3x 1.732

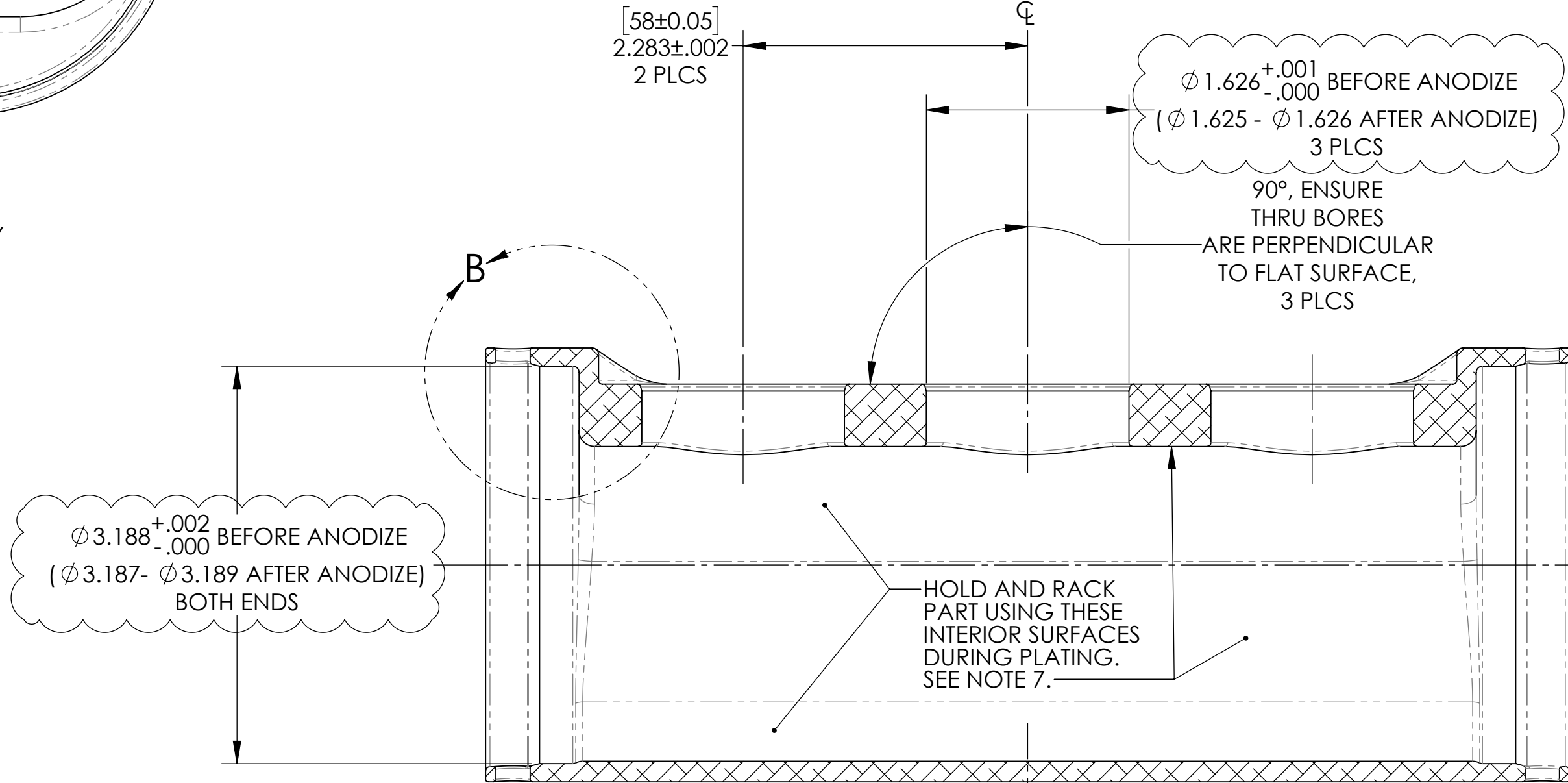
3x 1.000

NOTES:

- REMOVE ALL BURRS AND SHARP EDGES R.02 OR .02 X 45° CHAMFER.
- UNLESS OTHERWISE SPECIFIED SURFACE ROUGHNESS IS 63 MICROINCHES OR FINER.
- MATERIAL: ALUMINUM, 7075-T6 AS PER ASTM B221-21. MINIMUM YIELD STRENGTH OF 64,000 PSI. PROVIDE MILL CERTS FOR APPROVAL PRIOR TO MACHINING.
- DIAMETERS SHARING A COMMON AXIS TO BE CONCENTRIC WITHIN .002" T.I.R.,
- DIMENSIONS APPLY BEFORE ANODIZE, EXCEPT WHERE NOTED.
- FINISH: HARD CLEAR ANODIZE IAW MIL-A-8625 TYPE III, CLASS 1 (.001 THICK), TEFLON SEAL COAT
- DURING PLATING PROCESSES, HOLD AND RACK PART USING INTERIOR SURFACES ONLY, AS INDICATED. ALL OTHER SURFACES, INCLUDING #8-32 BLIND-TAPPED HOLES, MUST BE PLATED WITH NO VOIDS. TAKE SPECIAL CARE TO REMOVE AIR BUBBLES FROM BLIND-TAPPED HOLES TO ENSURE PLATING.



DETAIL C
SCALE 4 : 1
BOTH ENDS

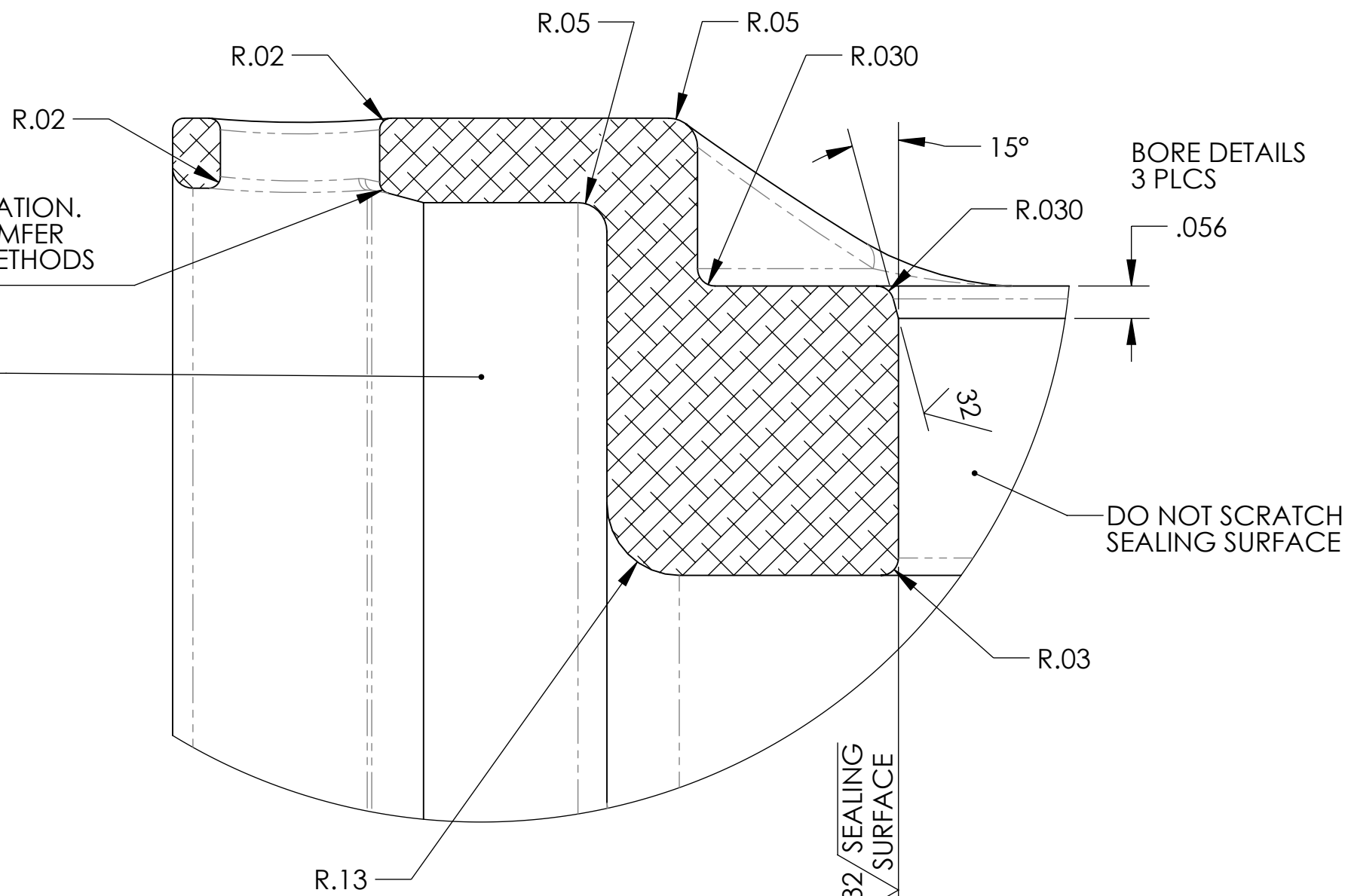


SECTION A-A

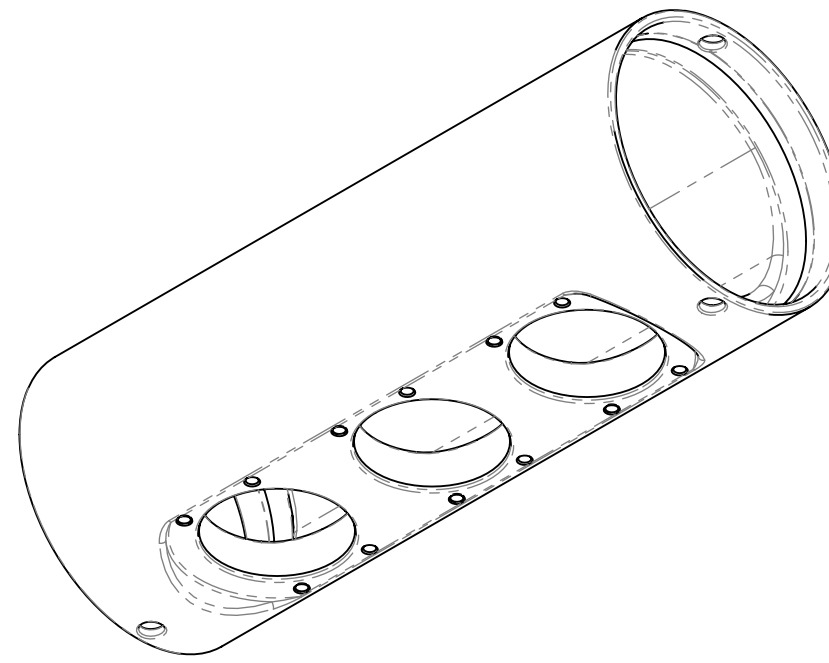
R.02, DEBURR THIS LOCATION.
CRITICAL LEAD-IN CHAMFER
FOR O-RING. HAND METHODS
ACCEPTABLE, 4 PLCS.

DO NOT SCRATCH,
SEALING SURFACE

32/SEALING
SURFACE



DETAIL B
SCALE 4 : 1
BOTH ENDS



APPROVAL	DATE	PROPRIETARY AND CONFIDENTIAL	
DESIGN T.GREGORY	2024-04	THIS INFORMATION IS NOT TO BE DUPLICATED OR DISTRIBUTED WITHOUT THE WRITTEN CONSENT OF GREGORY DESIGNS, LLC	
DRAWING T.GREGORY	2024-04-05		
CHECKED		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES.	
D		TOLERANCES: FRACTIONAL: 1/64 ANGULAR: MATCH $\pm$.5° ONE PLACE DECIMAL: $\pm$.01 TWO PLACE DECIMAL: $\pm$.005 THREE PLACE DECIMAL: $\pm$.0005	
THIRD ANGLE PROJECTION		SCALE: 1:1	
		REV: A	SHEET 1 OF 1



COMPUTER FILE NAME	GD-MB-0002-OAK 1500 HOUSING TUBE-REV A
DRAWING MODEL	GD-MB-0002-OAK 1500 HOUSING TUBE-REV A