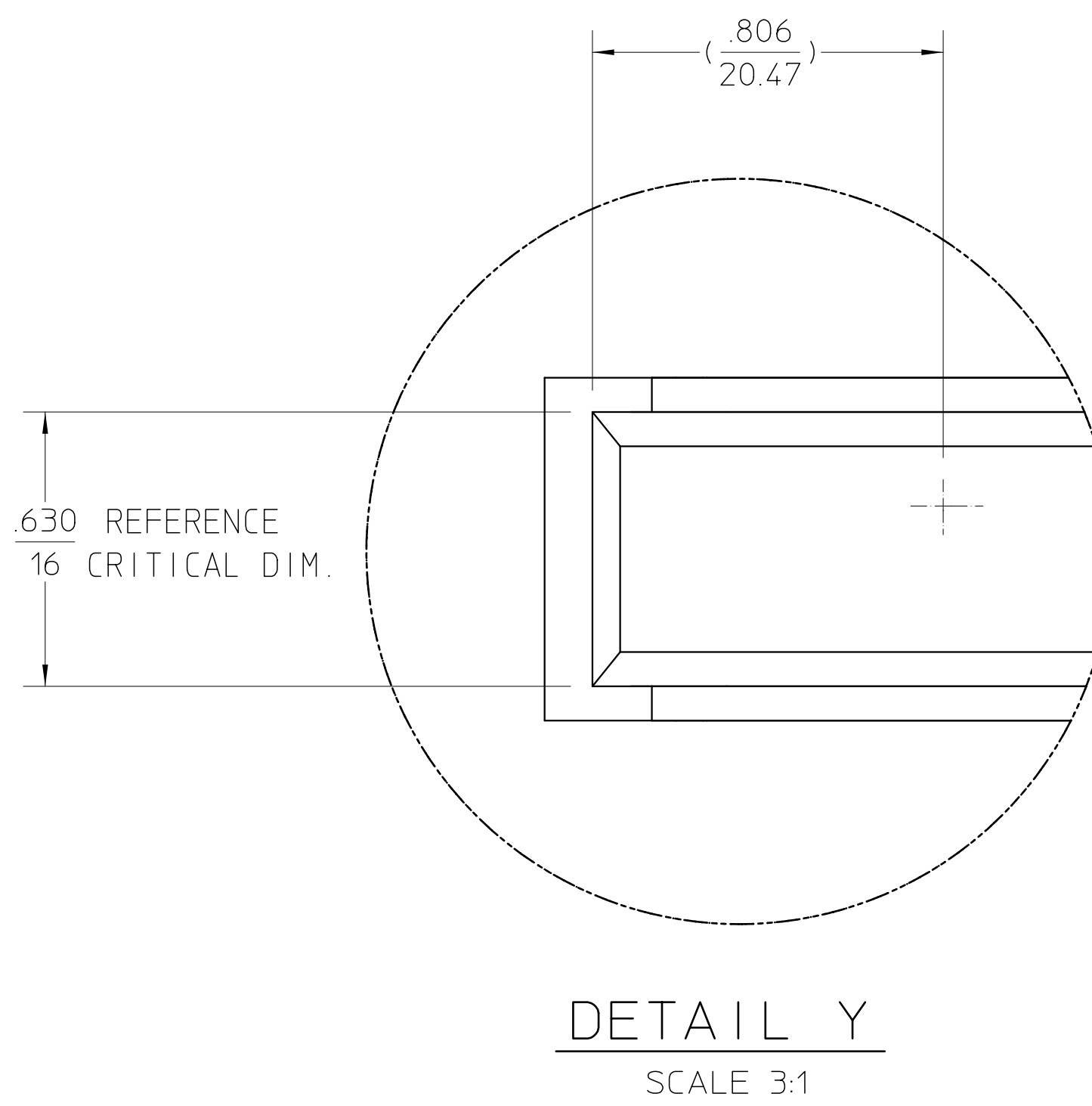
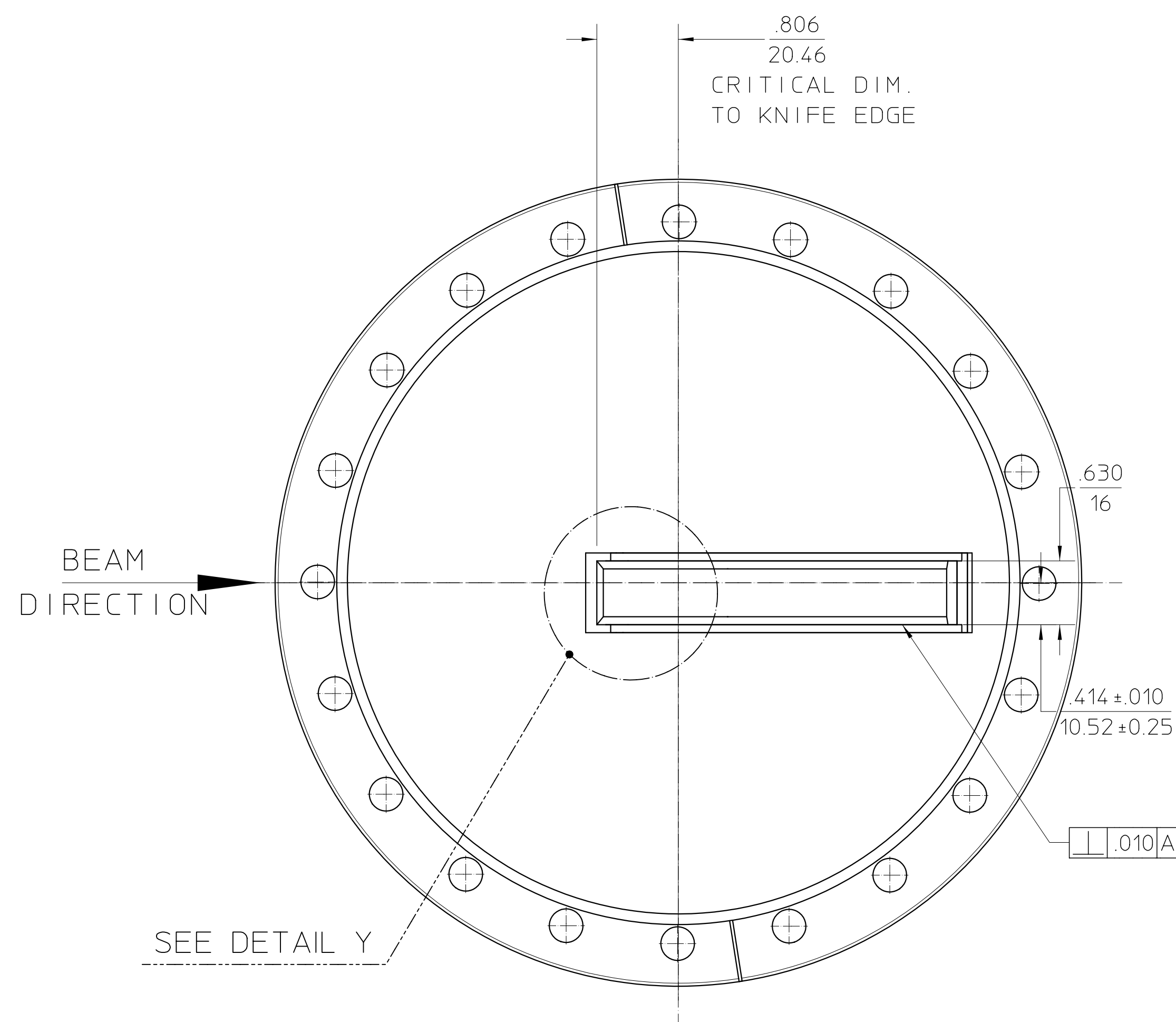
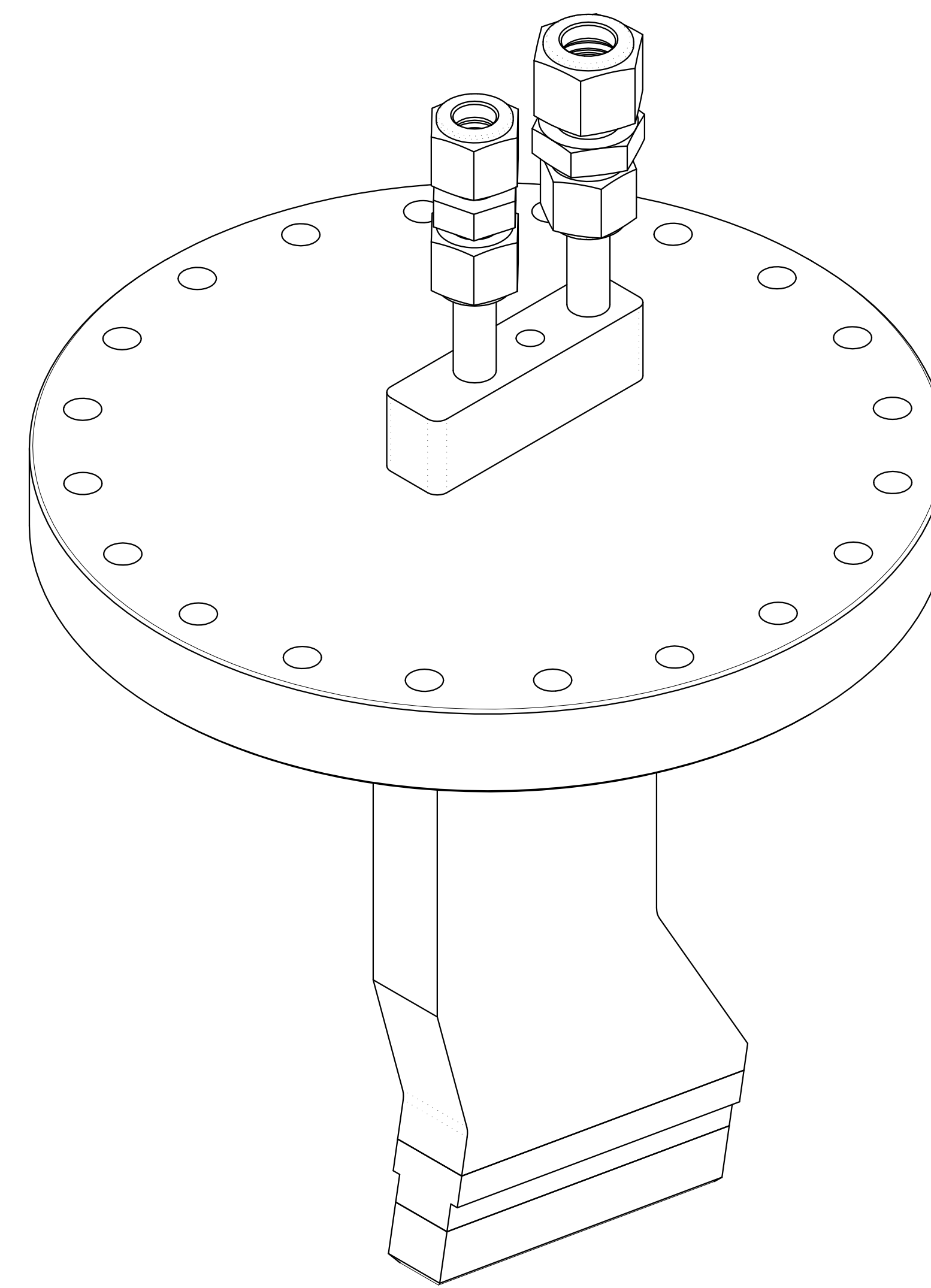
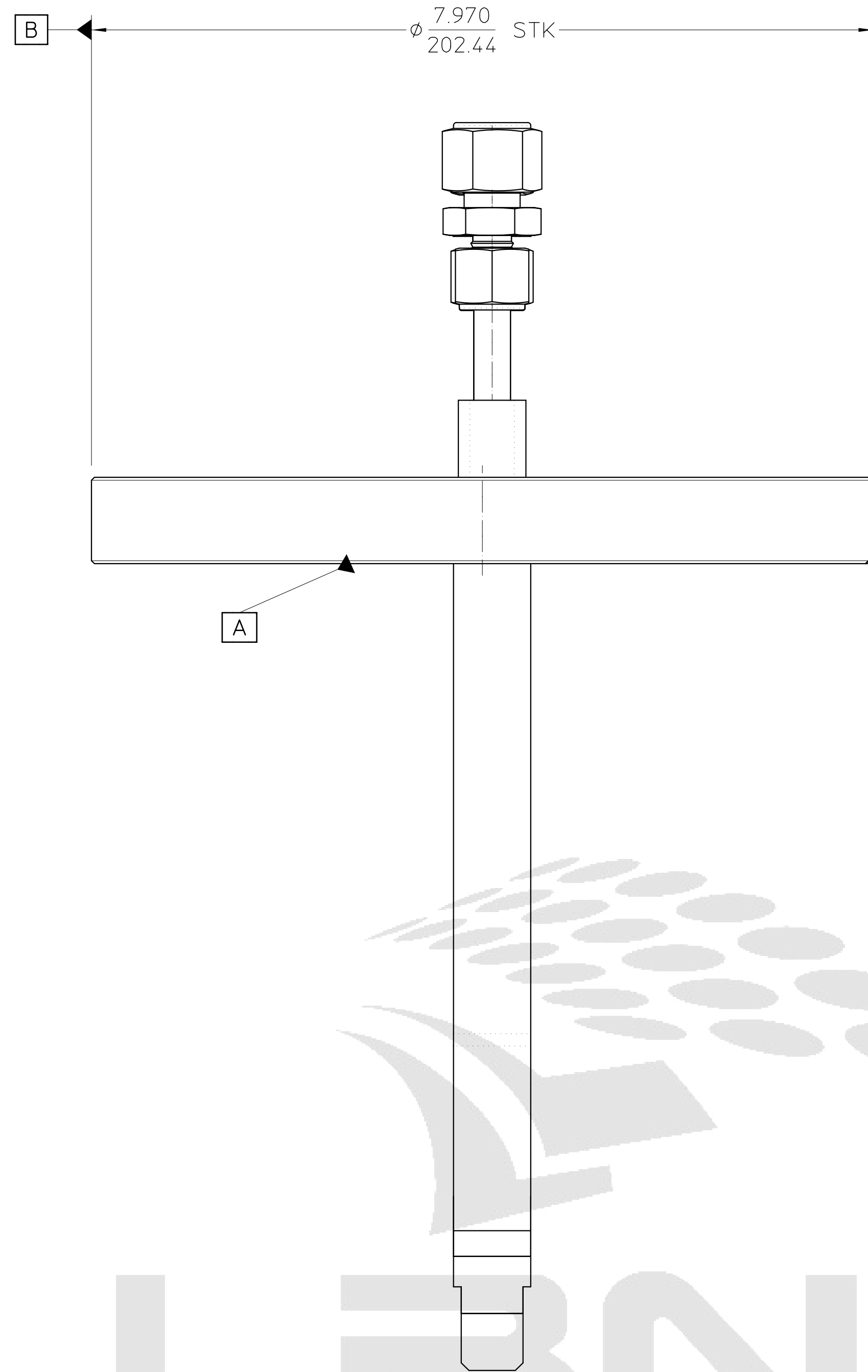
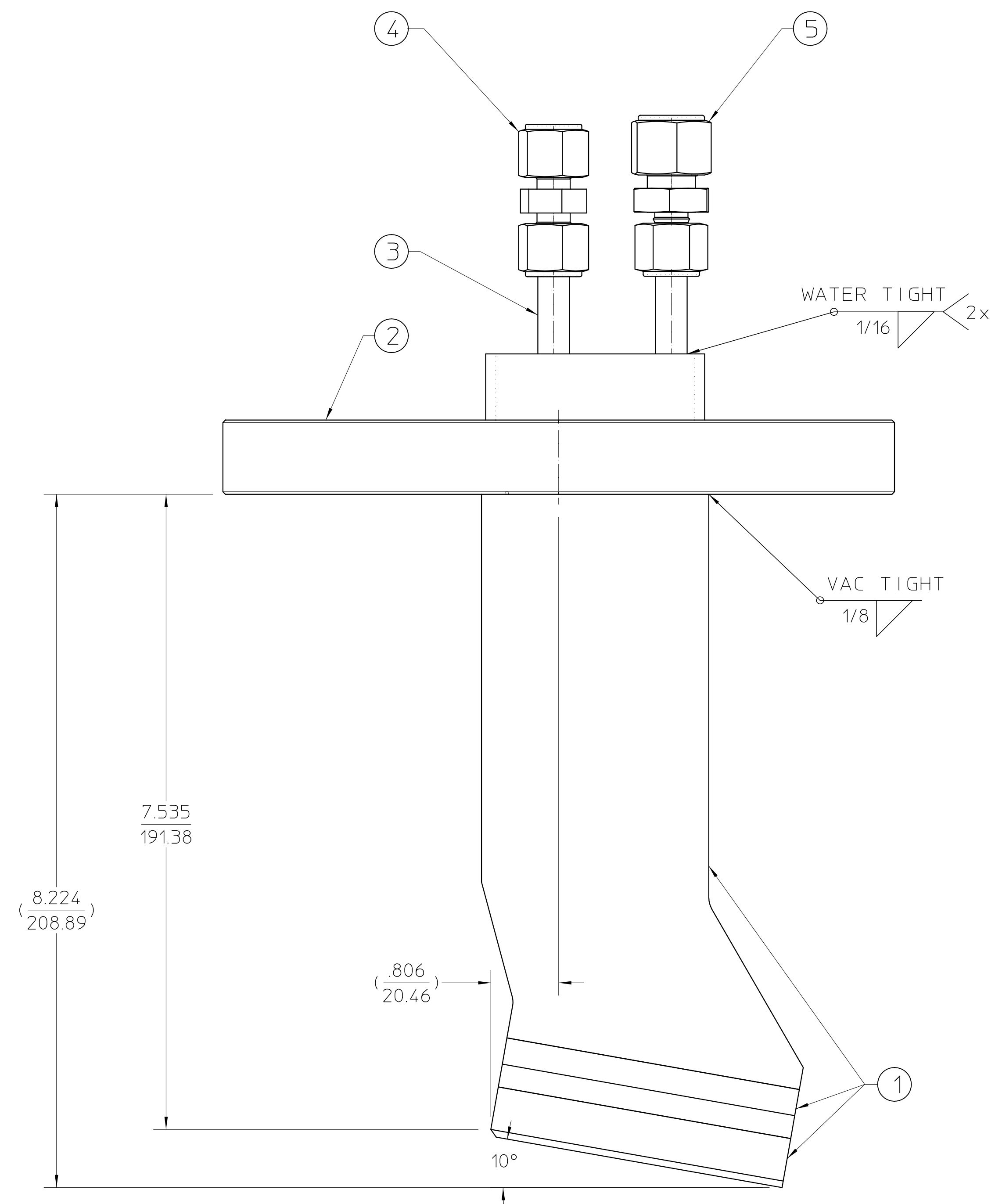




#### NOTES :

1. BEFORE WELDING REFER TO DRAWING, 26B541 (MASKS CHAMBER ALIGNMENT ASSEMBLY).
2. THIS IS A VACUUM COMPONENT AND REQUIRES SPECIAL ATTENTION TO AVOID CONTAMINATION. REFER TO LBNL ENGINEERING SPECIFICATION #M20013 BEFORE PERFORMING ANY FABRICATION PROCEDURES.
3. PROTECT ALL CONFLAT FLANGE KNIFE SEALING SURFACES AT ALL TIMES FROM ANY DENTS, DINGS OR SCRATCHES AT THE KNIFE EDGE WILL RENDER THEM USELESS.
4. TOLERANCES SHOWN IN THE DRAWING TITLE BOX ARE SHOWN IN INCHES. DIMENSIONS ARE SHOWN IN INCHES/MILLIMETERS. (UPPER/ LOWER)

(UNIQUE ID No. : AL-0008-9823)

| REV | ITEM | PART NO. | DESCRIPTION                                           |
|-----|------|----------|-------------------------------------------------------|
| 1   | 5    | -        | REDUCING UNION, .500 x .375, ST. STL.                 |
| 1   | 4    | -        | UNION, .375 x .375, ST. STL.                          |
| 2   | 3    | -        | TUBING, .375 O.D. x .065 WAL x 2.5 LONG, 304 ST. STL. |
| 1   | 2    | 26B528   | SPLITTER MASK MOUNTING FLANGE                         |
| 1   | 1    | 26B527   | SPLITTER MASK COOLING BRAZE ASSEMBLY                  |

|                                            |   |         |       |                 |                                         |        |             |
|--------------------------------------------|---|---------|-------|-----------------|-----------------------------------------|--------|-------------|
| UNLESS OTHERWISE SPECIFIED                 |   |         |       | PROJECT NAME:   | ERNEST ORLANDO LAWRENCE                 |        |             |
| FRACTIONS: XX.XX.XXX ± .010                |   |         |       | PROJECT NUMBER: | BERKELEY NATIONAL LABORATORY            |        |             |
| ANGLES: ± 0.1°/INCH                        |   |         |       | PROJECT NUMBER: | UNIVERSITY OF CALIFORNIA                |        |             |
| MACH. SURFS.: 63 ✓ BETTER                  |   |         |       | PROJECT NUMBER: | ALS - INSERTION DEVICE BEAMLINES        |        |             |
| REF: ASME Y14.5M-1994, THREADS ARE CLASS 3 |   |         |       | PROJECT NUMBER: | BL 6.0 FRONT END                        |        |             |
| BREAK EDGES .016 MAX. ON MACHINED WORK     |   |         |       | PROJECT NUMBER: | 10 DEG. SPLITTER MASK WELDMENT ASSEMBLY |        |             |
| REMOVE BURRS, WELD SPATTER & LOOSE SCALE   |   |         |       | PROJECT NUMBER: | SHEET 1 OF 1                            |        |             |
| REV                                        | A | cumings | plate | 07-26-20        | DATE                                    | CHANGE | DESCRIPTION |
| REV                                        | A | cumings | plate | 07-26-20        | DATE                                    | CHANGE | DESCRIPTION |