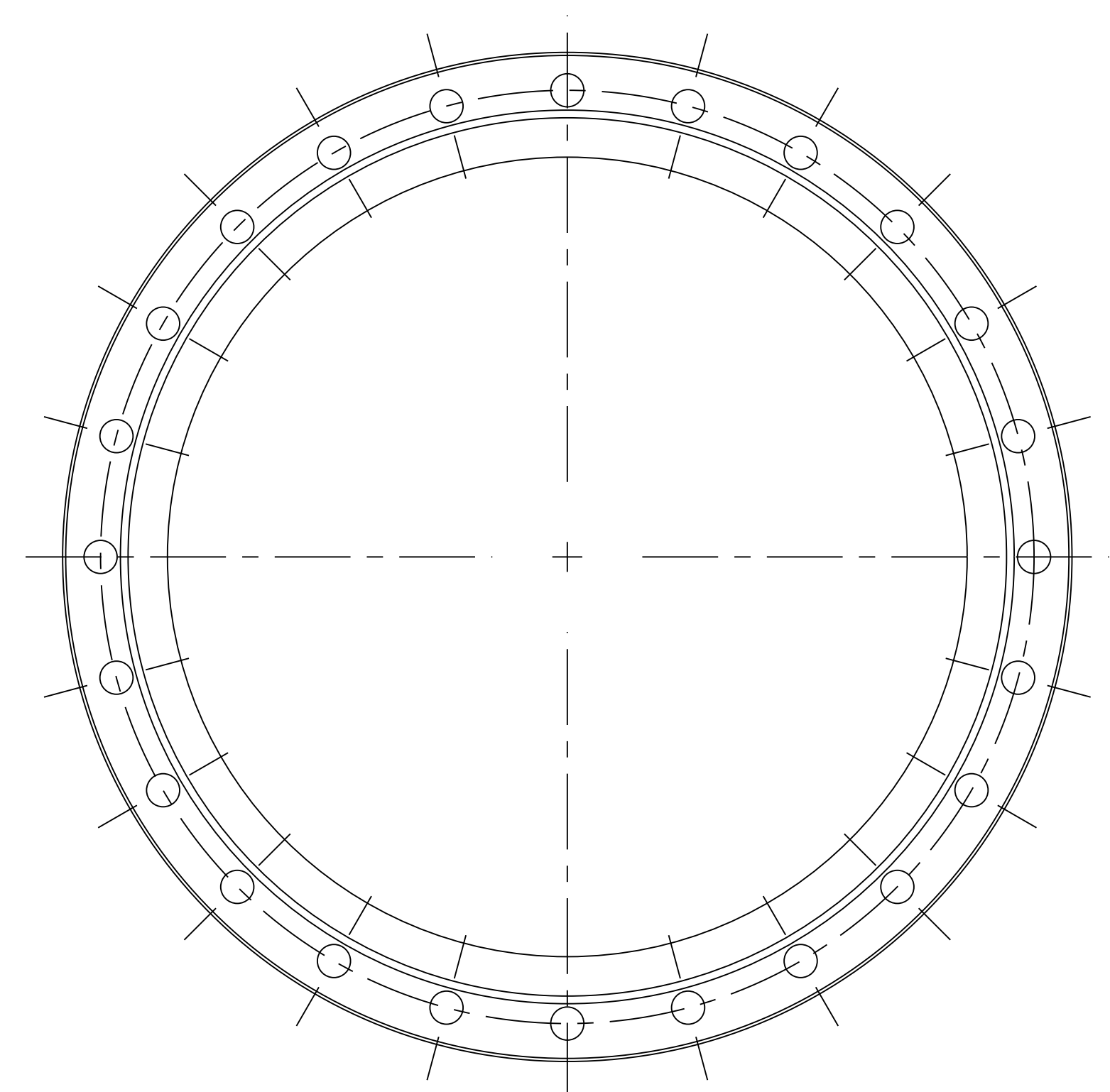
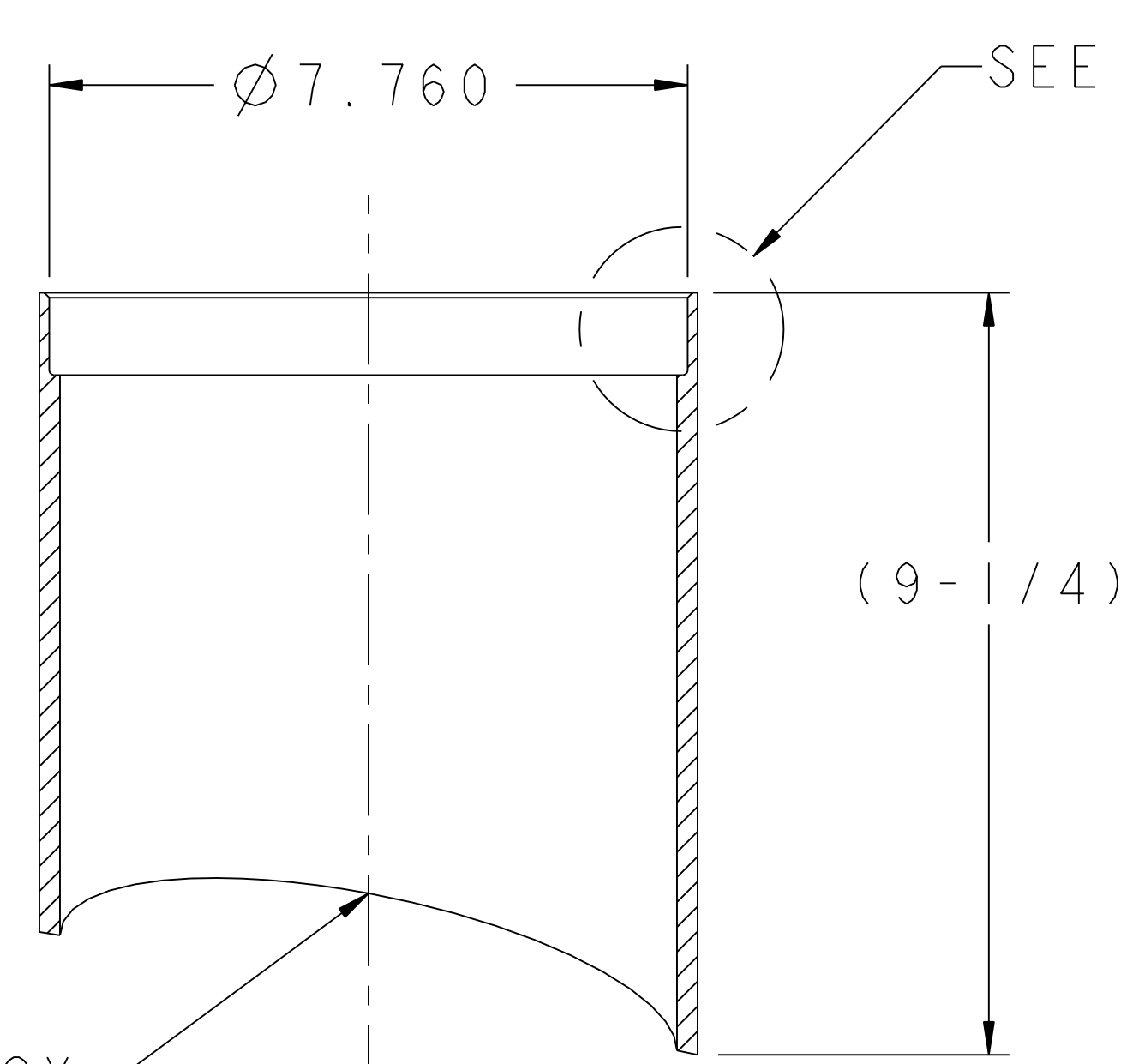


NO.	REVISION	BY	CH	SUP	APPROVED	DATE



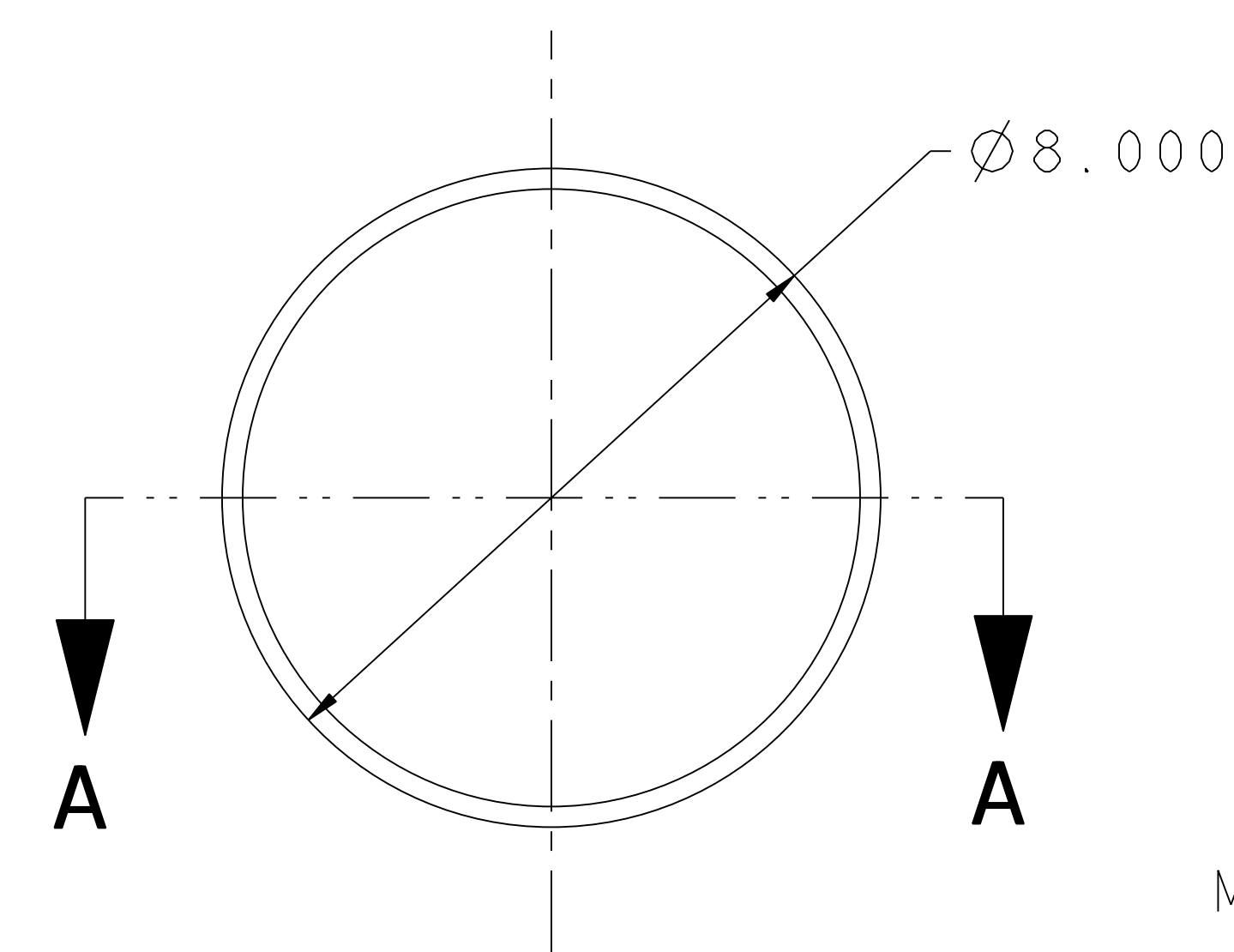
2 CONFLAT FLANGE

10" OD TAPPED CONFLAT FLANGE (COMM)
SCALE 0.750



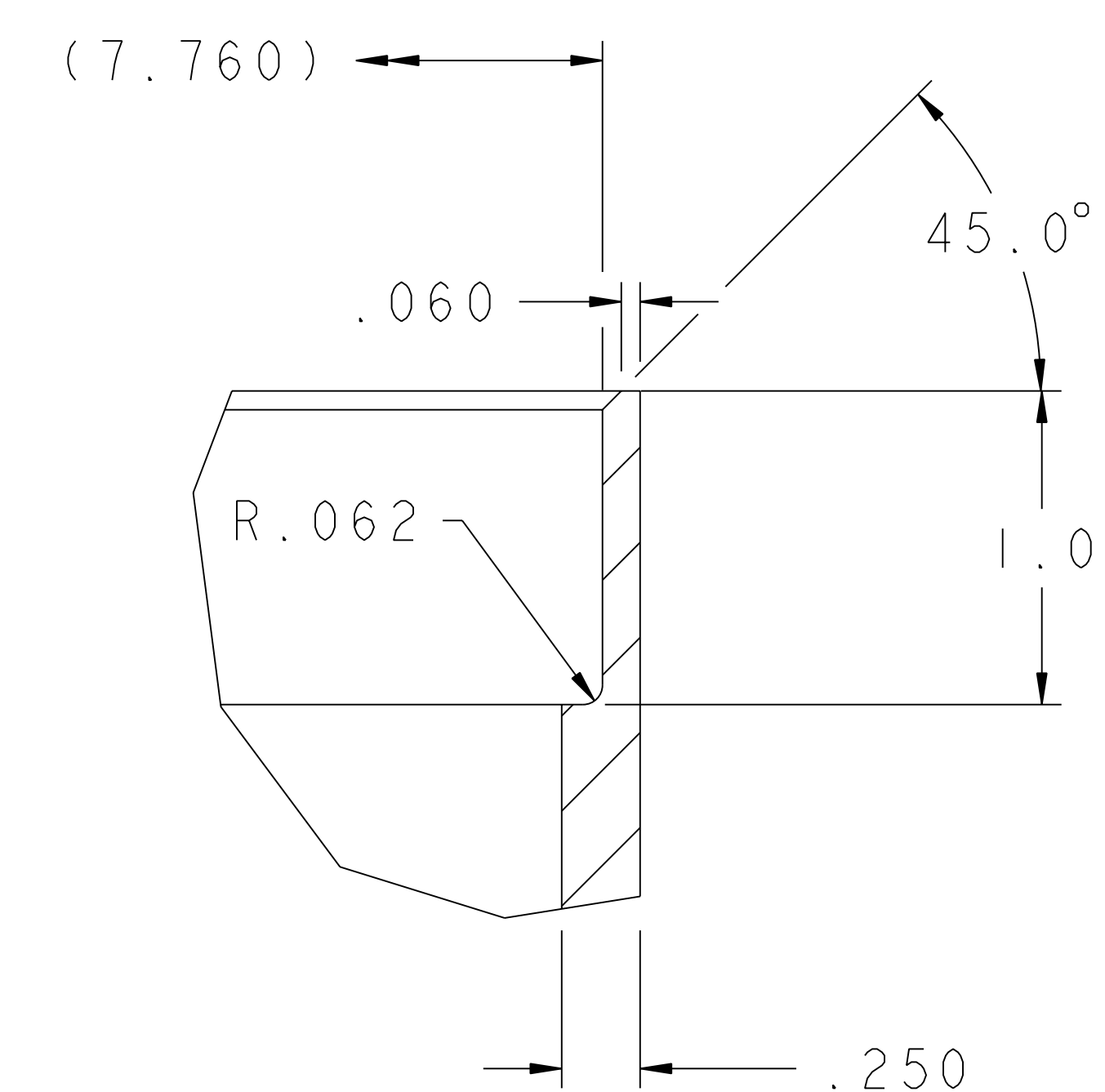
GRIND AT ASSY TO CONFORM TO LOWER DOME PROFILE

SECTION A-A
SCALE 0.500

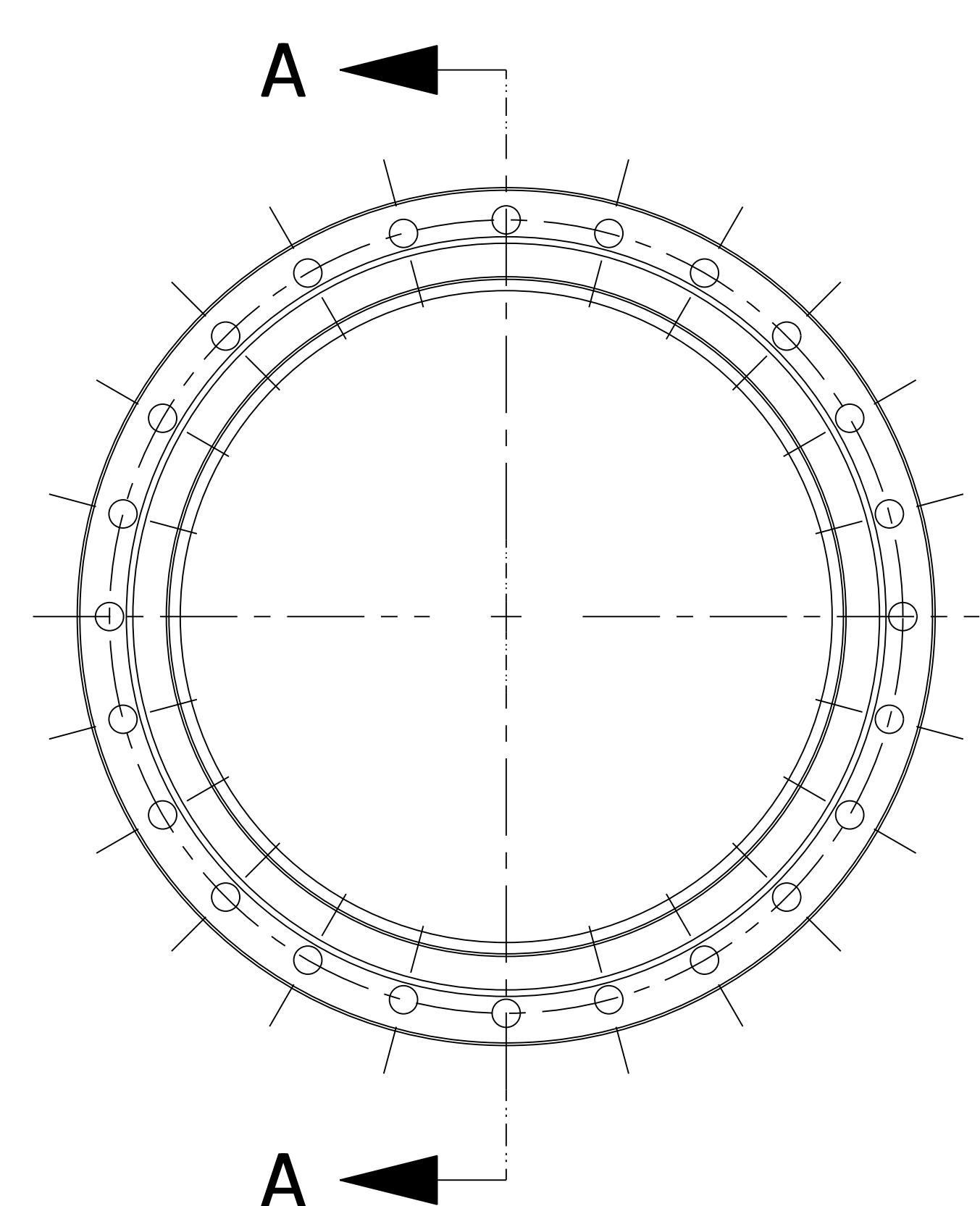


1 PORT TUBE

MAKE FROM 8" OD X .25 WALL X 12" LG TUBING
SCALE 0.500

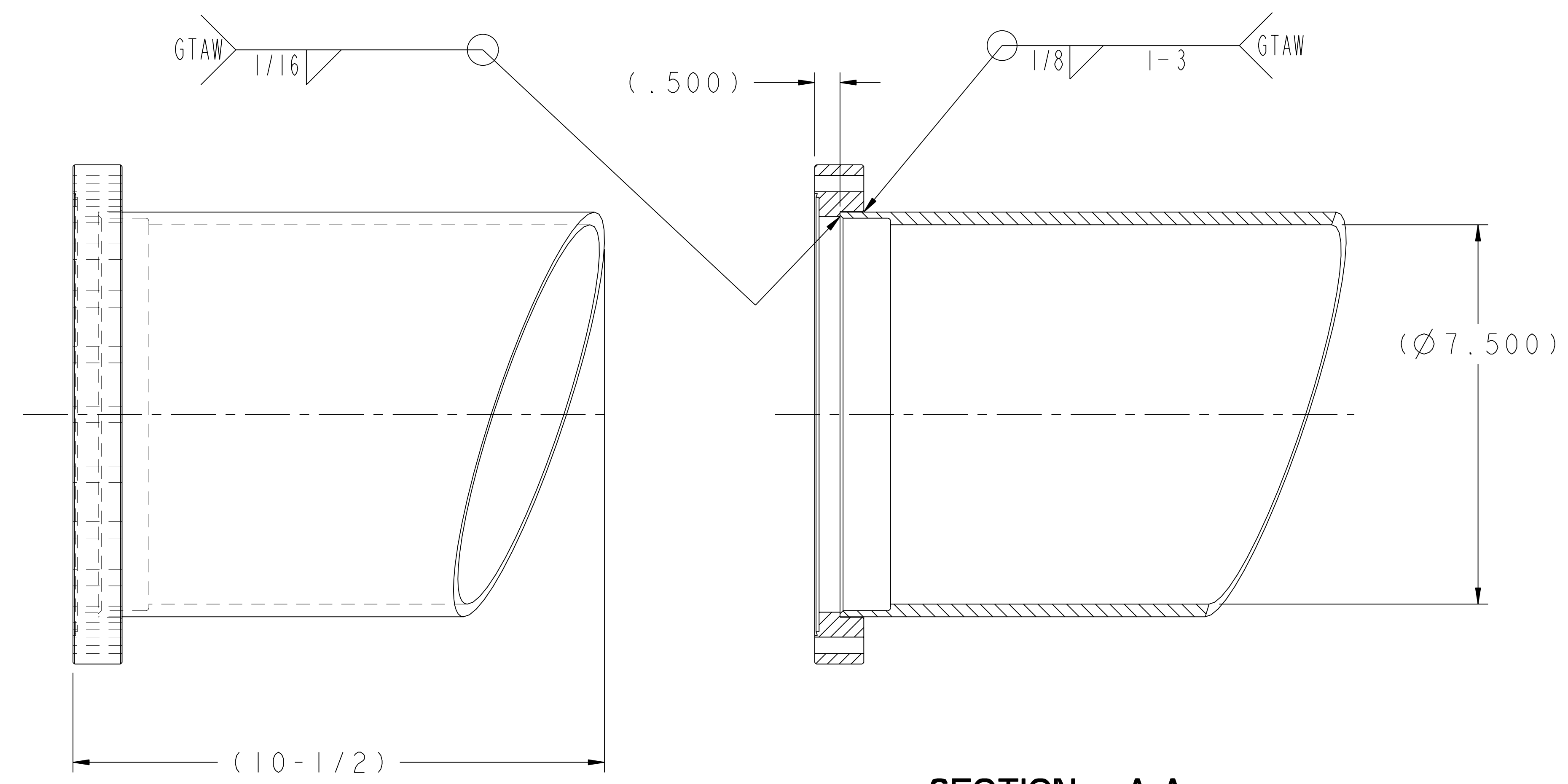


DETAIL "Z"
SCALE 2.000



HEATING SUPPLY PORT ASSEMBLY

1 ASSY REQ'D
SCALE 0.625



SECTION A-A
SCALE 0.625

NOTE

1. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH PPPL PROCEDURE EM-002.
2. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTANCE CRITERIA OF ASME B31.3 CATEGORY "D".
3. NOTE ORIENTATION OF ALL PARTS BEFORE WELDING.
4. LEAK RATE SHALL NOT EXCEED 1×10^{-5} torr-1/sec

RELEASED FOR FABRICATION / INSTALLATION

2	NS151420	10.00 O.D. CONFLAT FLG NON-ROT. HUNTINGTON 1000-800-T OR EQ	304 STN STL	1
1	SE144-342	8" OD X .250 WALL TUBING	STN STL	1
PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY RECD
PARTS LIST				
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED		CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT	
Pro E		DIMENSIONS ARE IN INCHES MACHINE SURFACES	STELLARATOR CORE MODULAR COIL WINDING FACILITY HEATING SUPPLY PORT ASSEMBLY	
DO NOT VERIFY INFORMATION BY SCALING DRAWING		BREAK SHARP EDGES .005/.020	DRAWING NO: SE144-345	
TOLERANCES NON-CUMULATIVE		DSN: J. RUSHINSKI	CHK: ENGR: S. RAFTOPOULOS	
NEXT ASSEMBLY		DECIMAL-INCH FRACTIONS	SHEET 1 OF 1 REV 0	
		.XX +/- .000 0°-120° +/- .010		
		.XXX +/- .005 120°-120° +/- .010		
		ANGULAR +/- .0°-15° OVER 120° +/- .010		
WELDING ENGINEER		SUPV:	DATE	

RELEASE LEVEL: Fabrication
DWG VERSION NO: 0

WEIGHT
21.0 lbs
MODEL NAME
SE144-345

NCSX-SE144-345