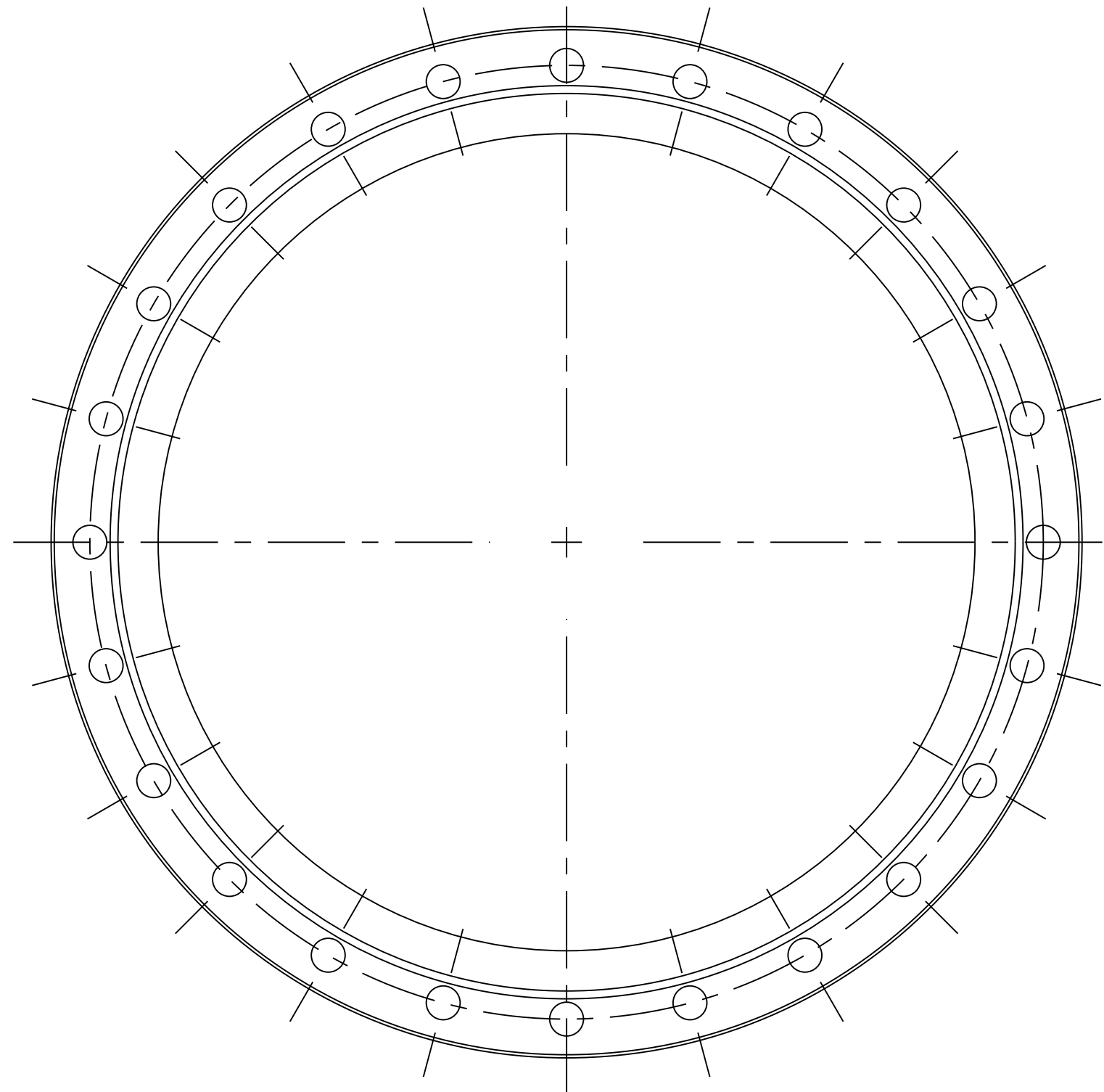
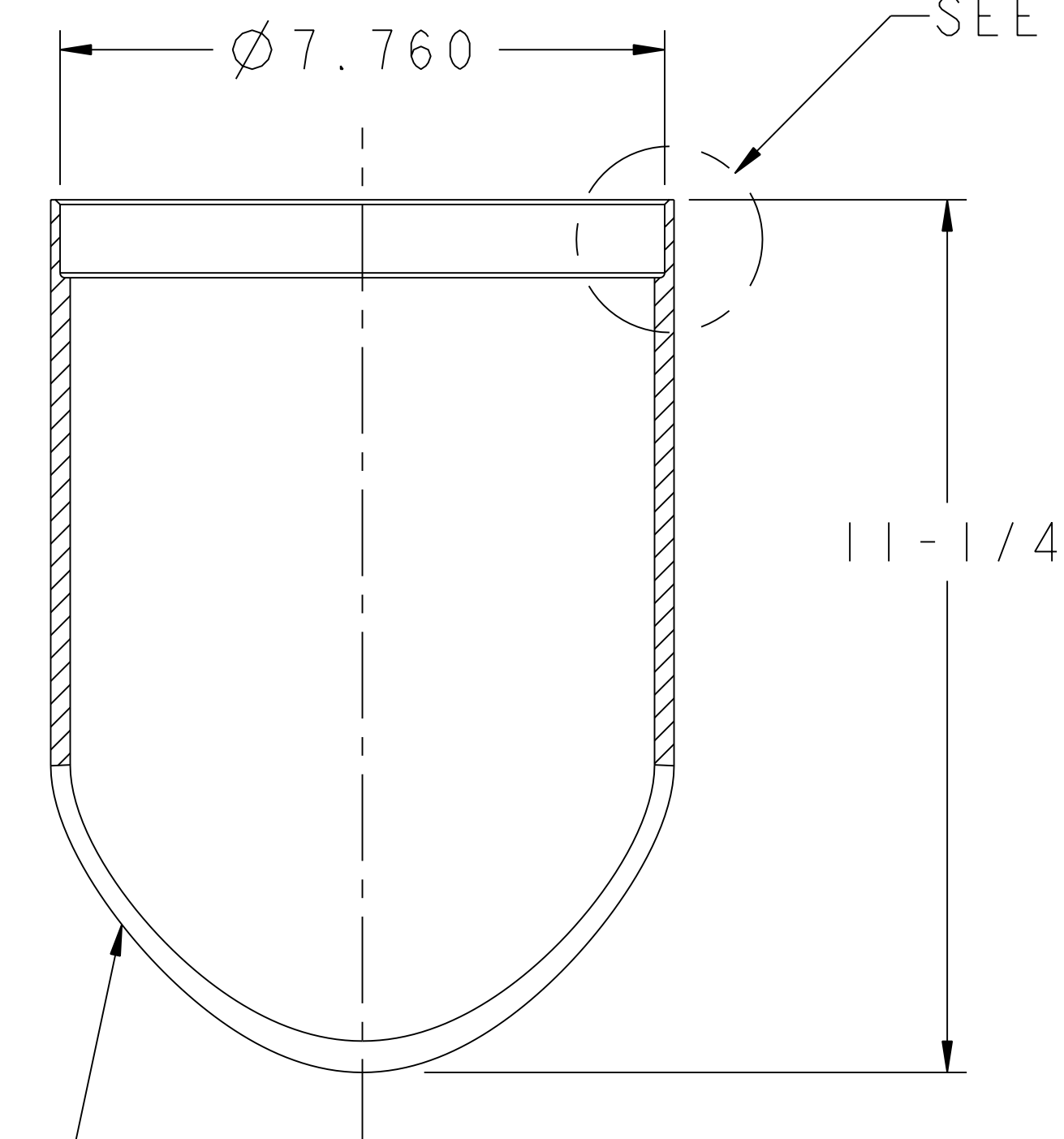


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN #4852	JDR	JC	JS	S. RAFTOPOULOS	4/21/04



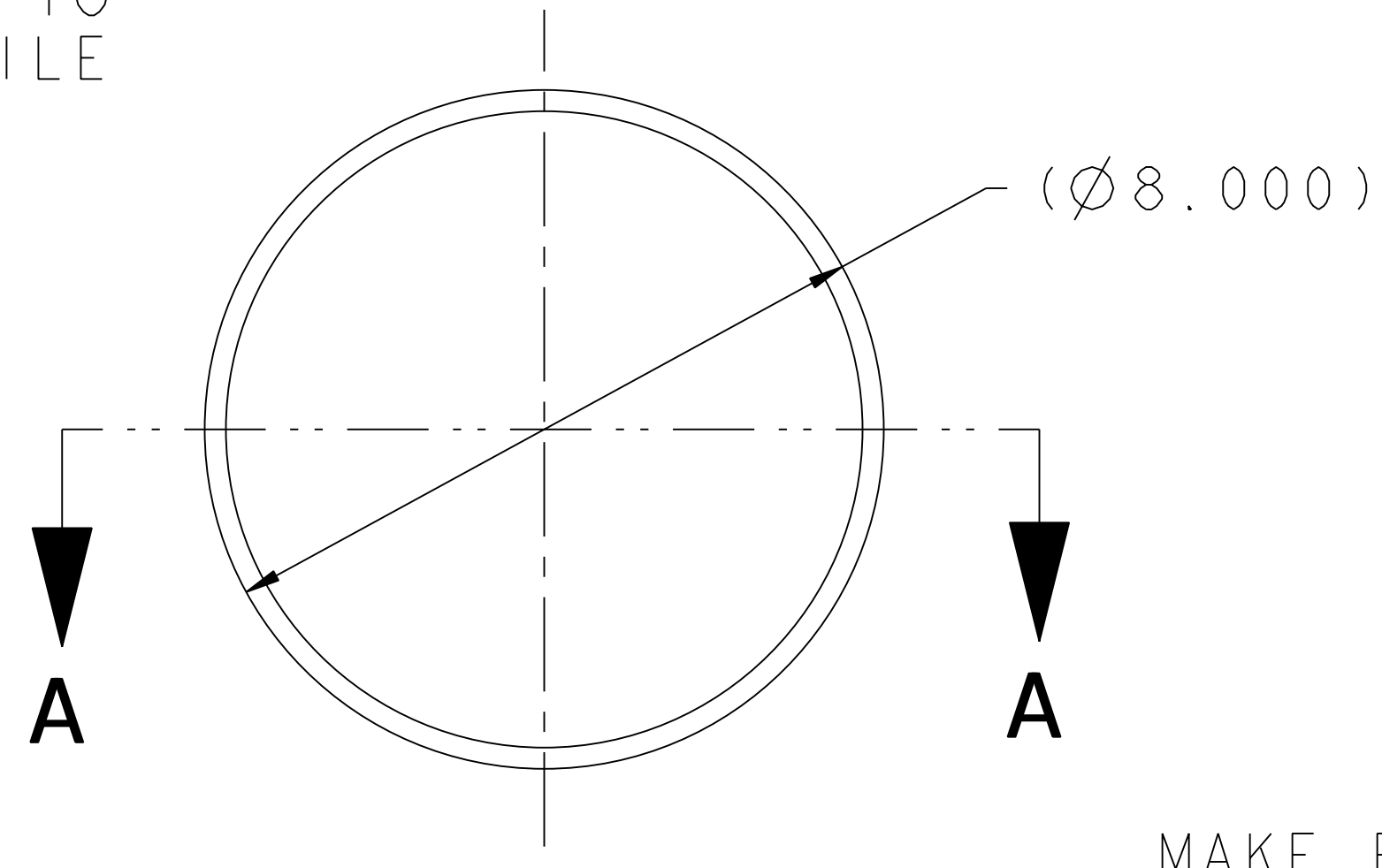
1 CONFLAT FLANGE

10" OD TAPPED CONFLAT FLANGE (COMM)
SCALE 0.750



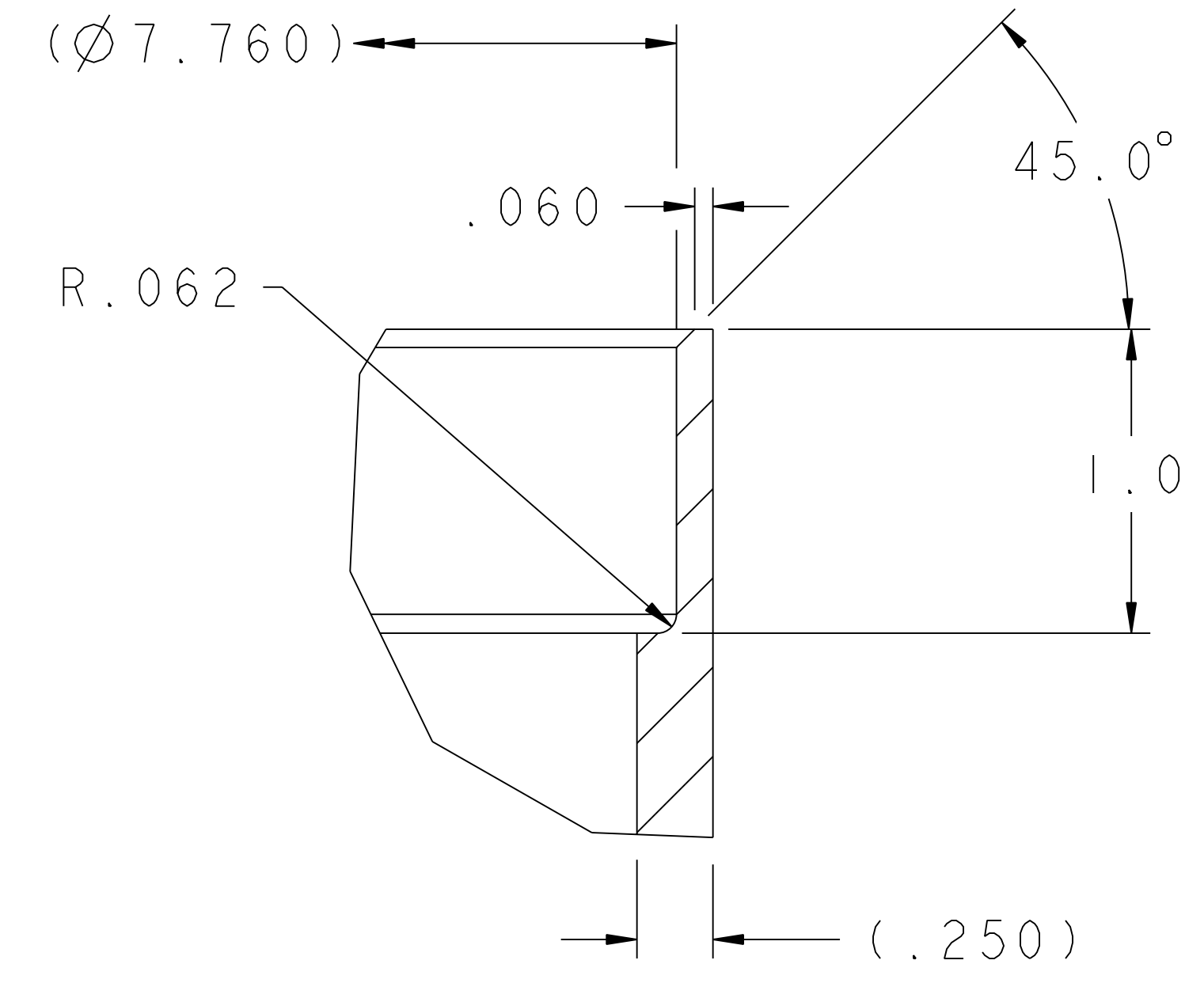
SECTION A-A
SCALE 0.500

GRIND AT ASSY
TO CONFORM TO
LOWER DOME PROFILE

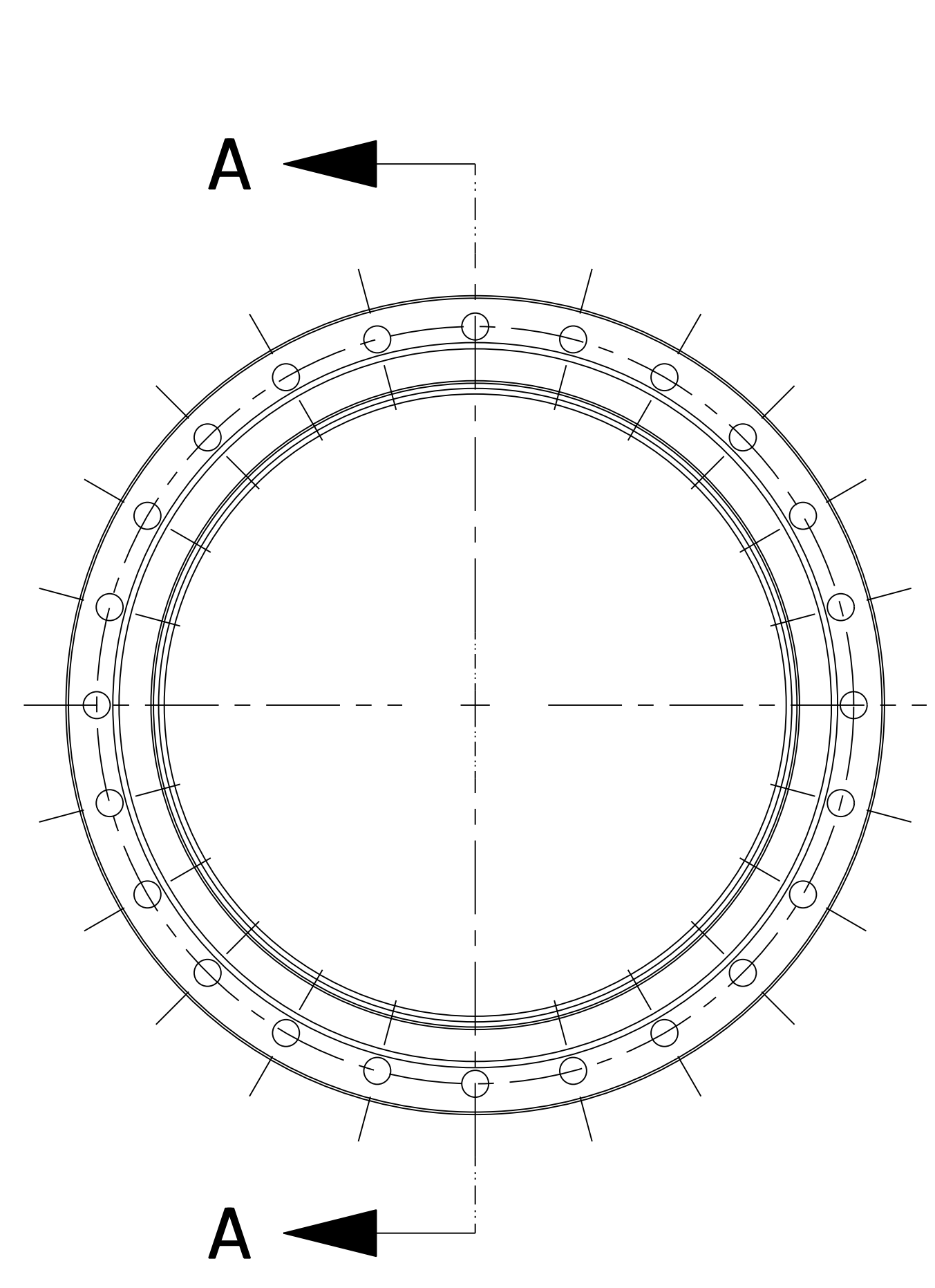


2 PORT TUBE

MAKE FROM 8" OD X .250 WALL X 12" LG TUBE
SCALE 0.500

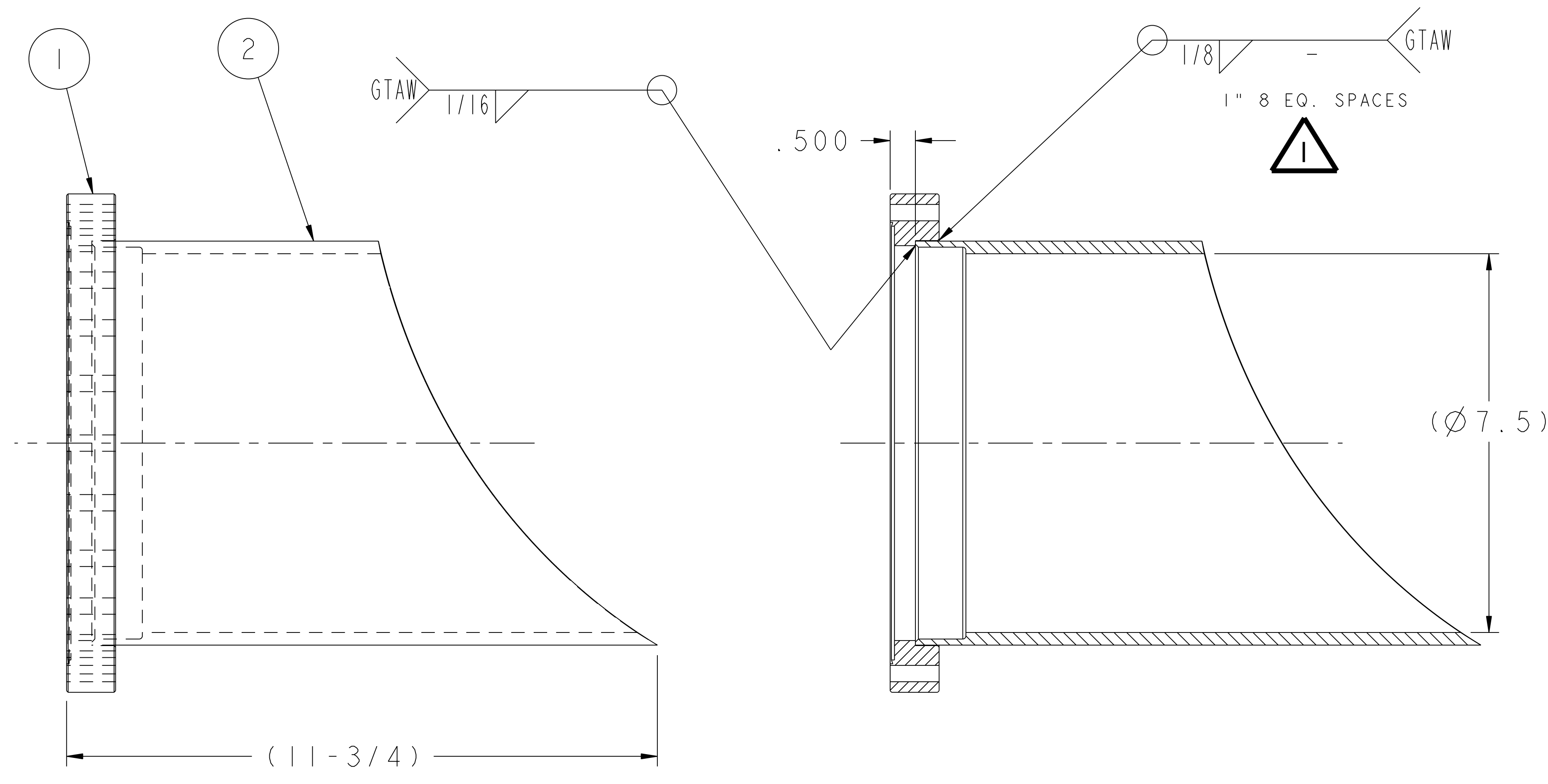


DETAIL "Z"
SCALE 2.000



THERMOCOUPLE FEED THRU PORT ASSY

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
PPPL Drafting:

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY	RECD
2	SE144-369	8" OD X .250 WALL TUBING	STN STL	1	
1	NS151420	10.00 O.D. CONFLAT FLG NON-ROT. HUNTINGTON 1000-800-T OR EQ	304 STN STL	1	

PARTS LIST

COMPUTER GENERATED DRAWING DRAWING CHANGES NOT PERMITTED Pro E	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT STELLARATOR CORE MODULAR COIL WINDING FACILITY THERMOCOUPLE FEED THRU PORT ASSEMBLY
DO NOT VERIFY INFORMATION BY SCALING DRAWING	TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX ±.005 .XXX ±.005 ANGULAR ±.0°-15° OVER 120° ±.1°	DSN: J. RUSHINSKI CHK: J. CHRZANOWSKI ENGR: S. RAFTOPOULOS SUPV: J. SIEGEL
NEXT ASSEMBLY		DRAWING NO: SE144-363

RELEASE LEVEL: WIP
DWG VERSION NO: 0

WELDING ENGINEER R. PARSELLS

SHEET 1 OF 1 REV I

NCSX-SE144-363