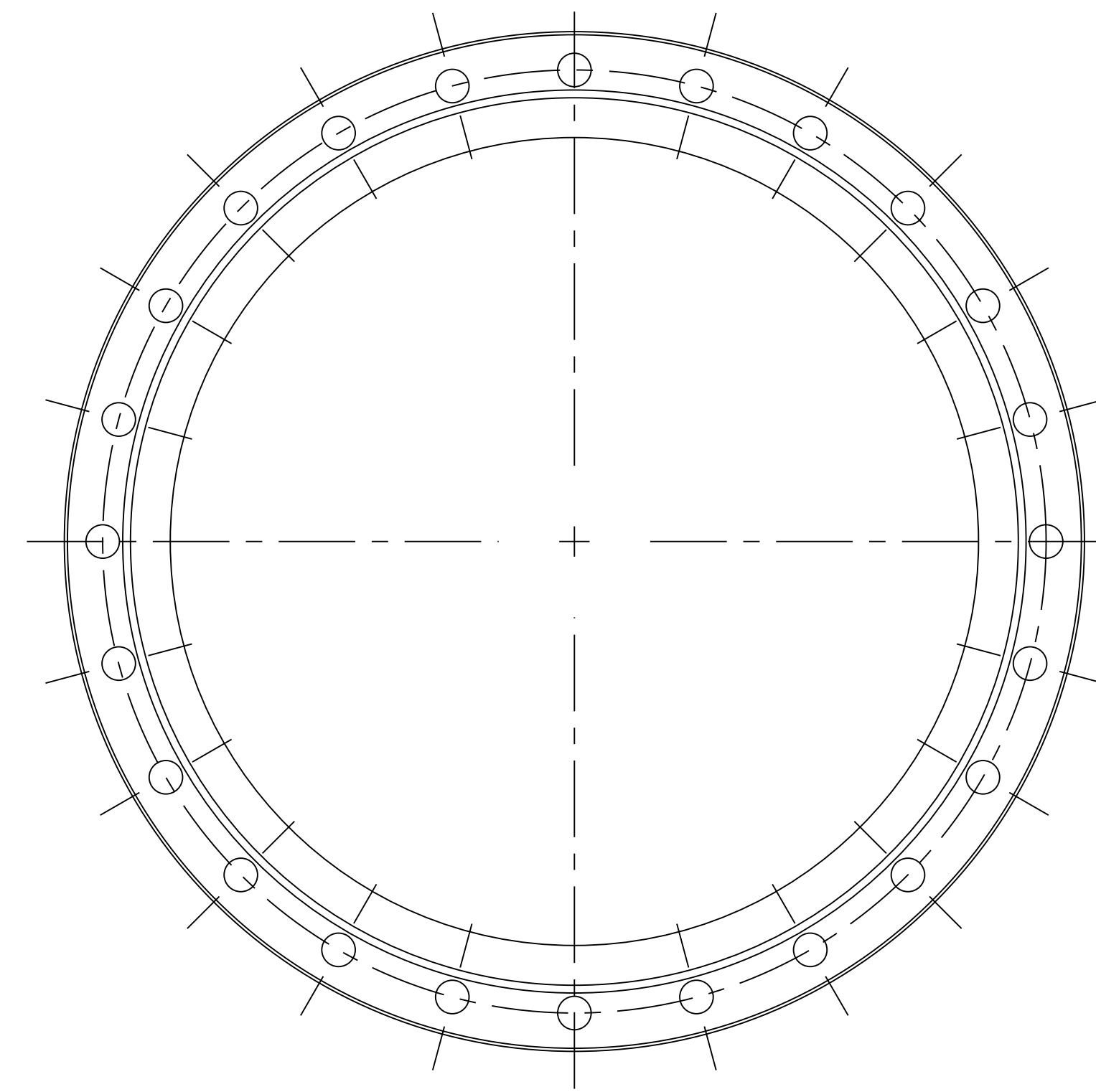
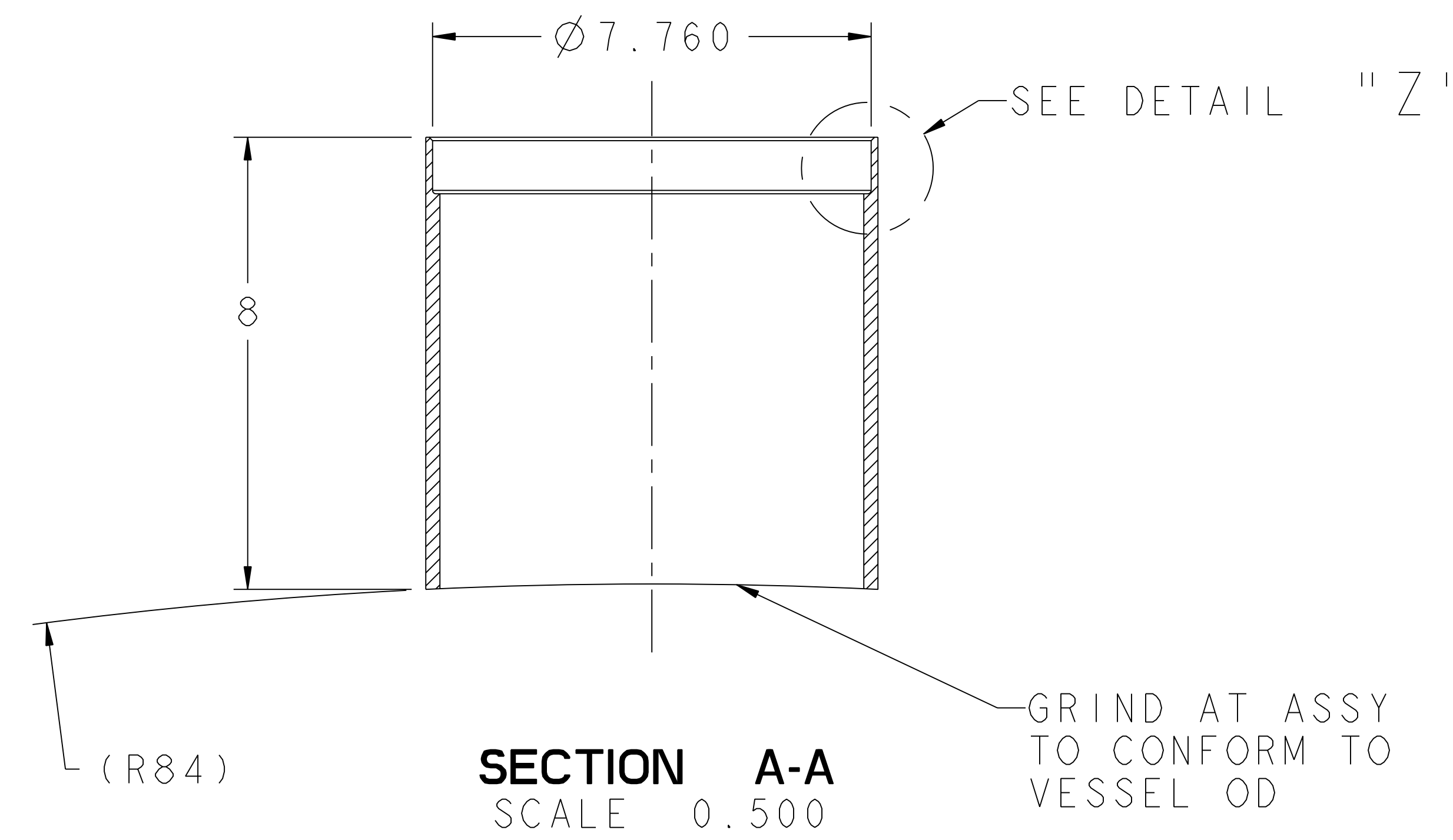


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN #4852	JDR	JC	JS	S. RAFTOPOULOS	4/20/04

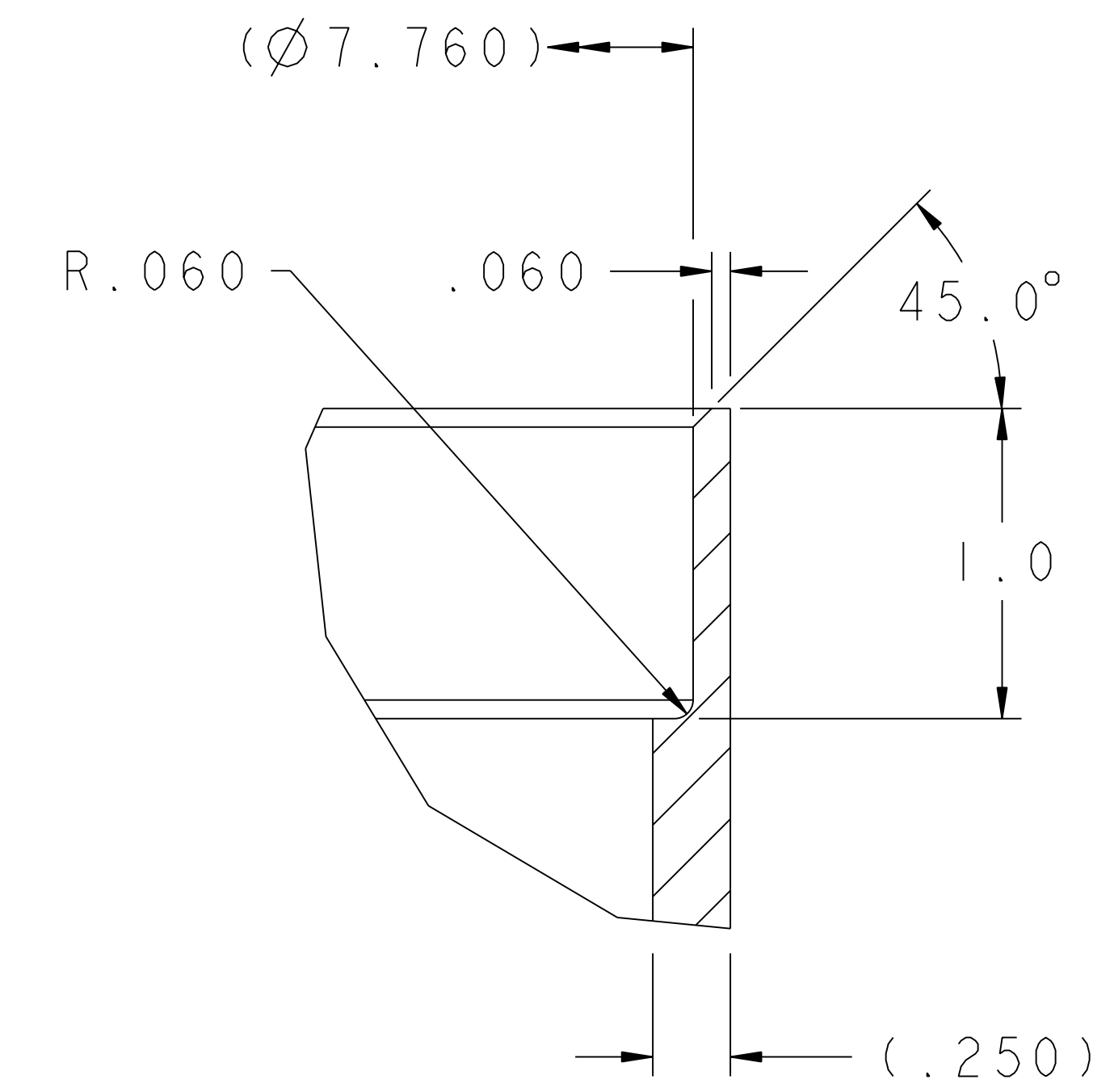


2 CONFLAT FLANGE

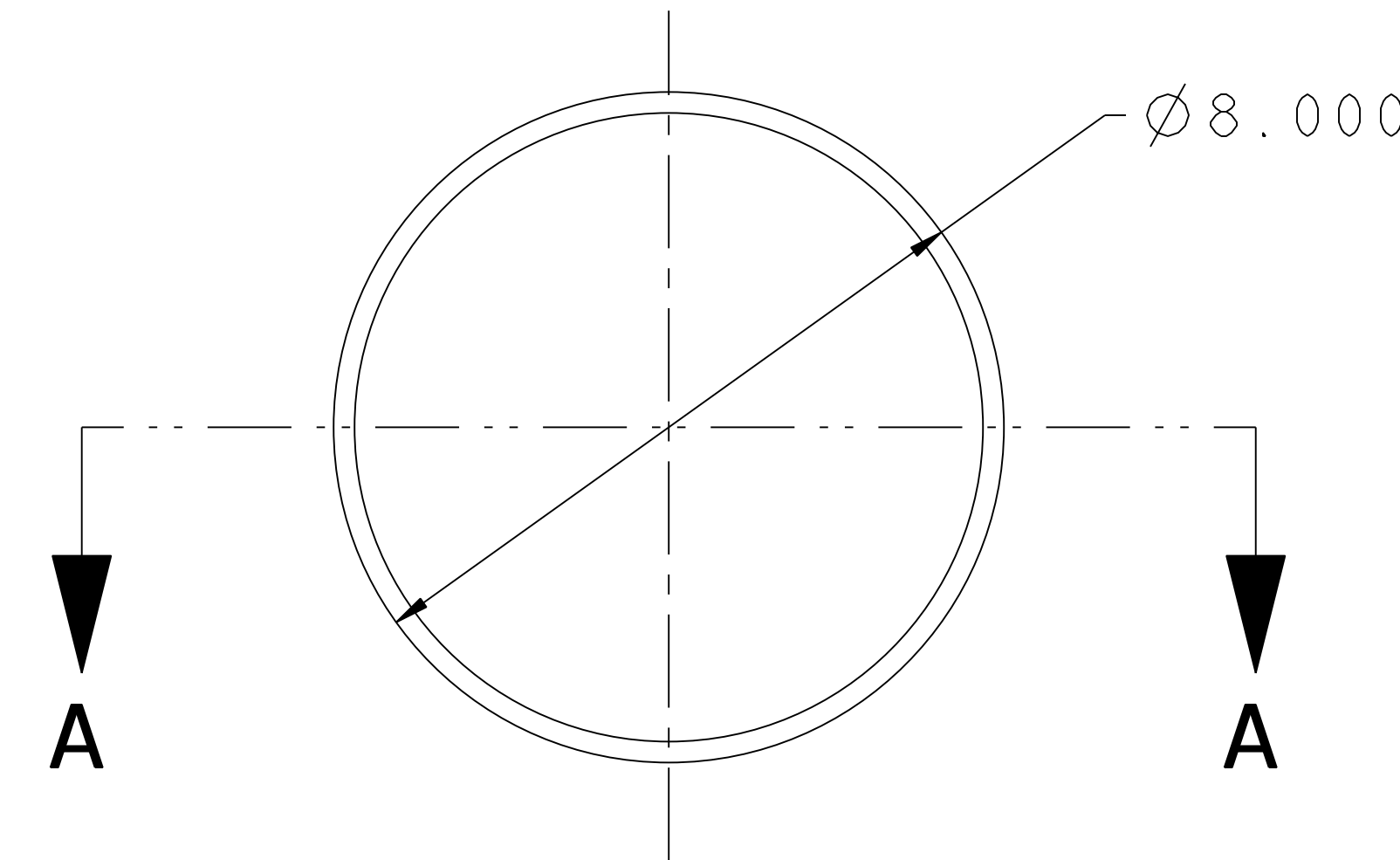
10" OD TAPPED CONFLAT FLANGE (COMM)  
SCALE 0.750



SECTION A-A  
SCALE 0.500

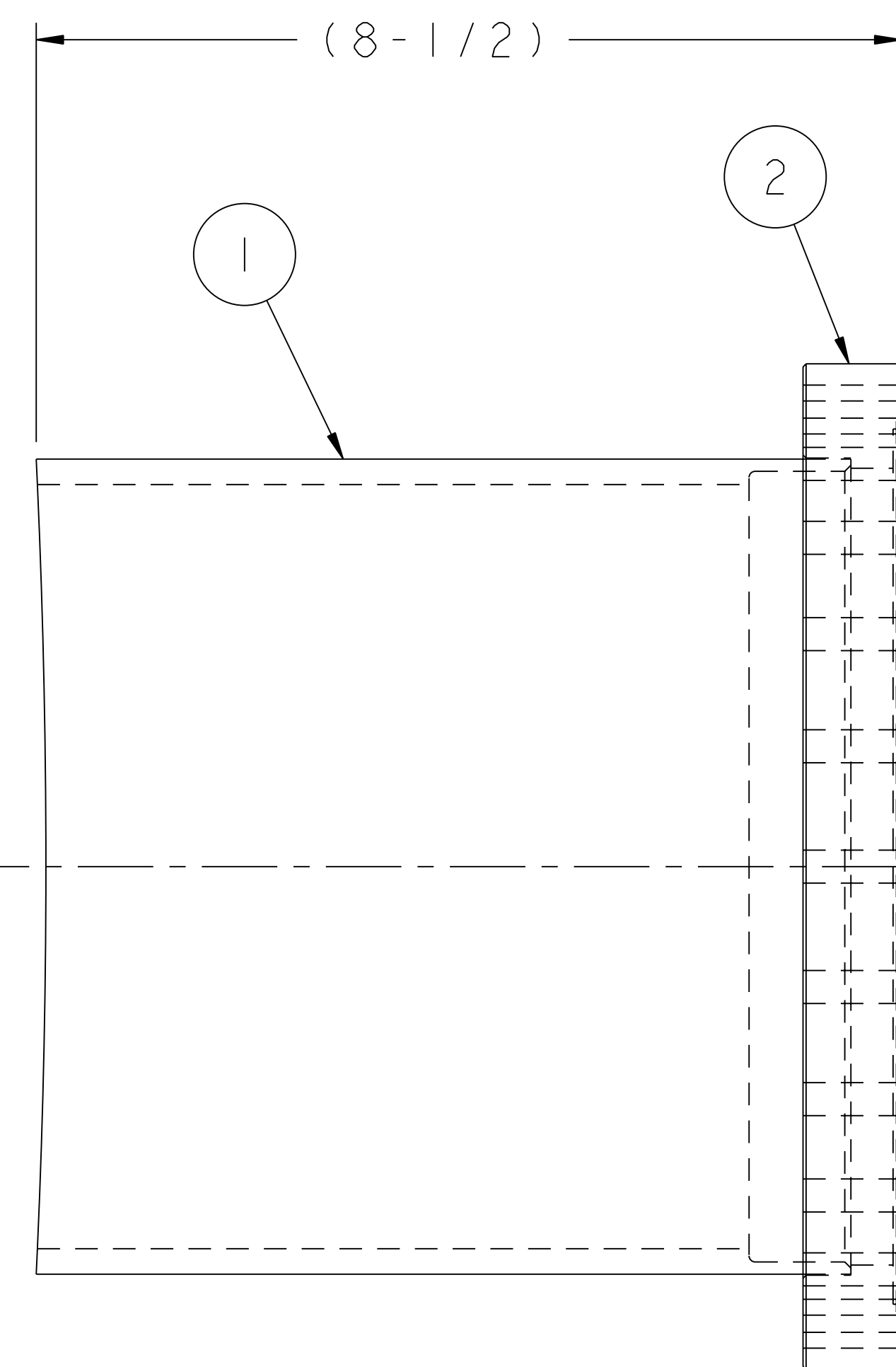
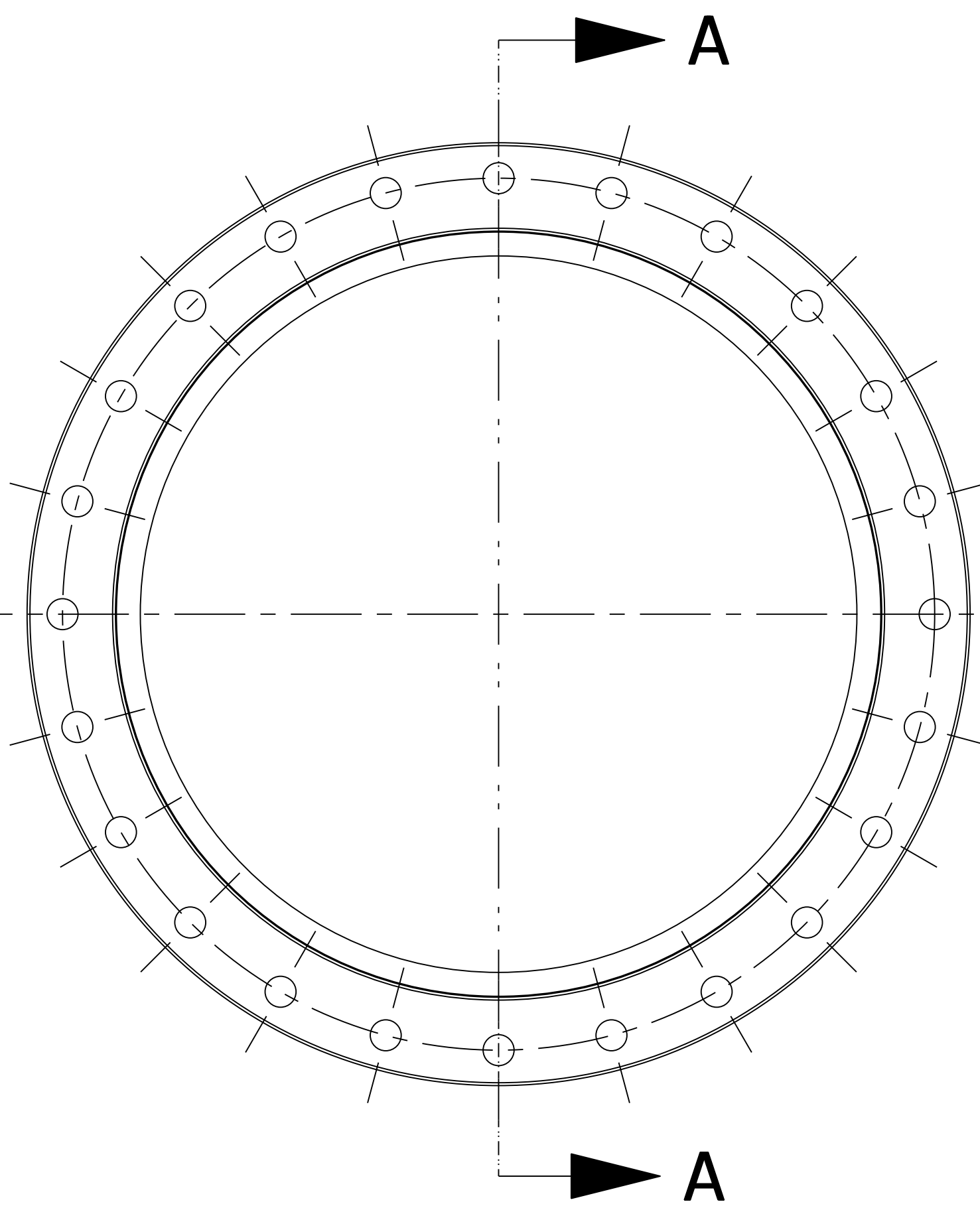


DETAIL "Z"  
SCALE 2.000



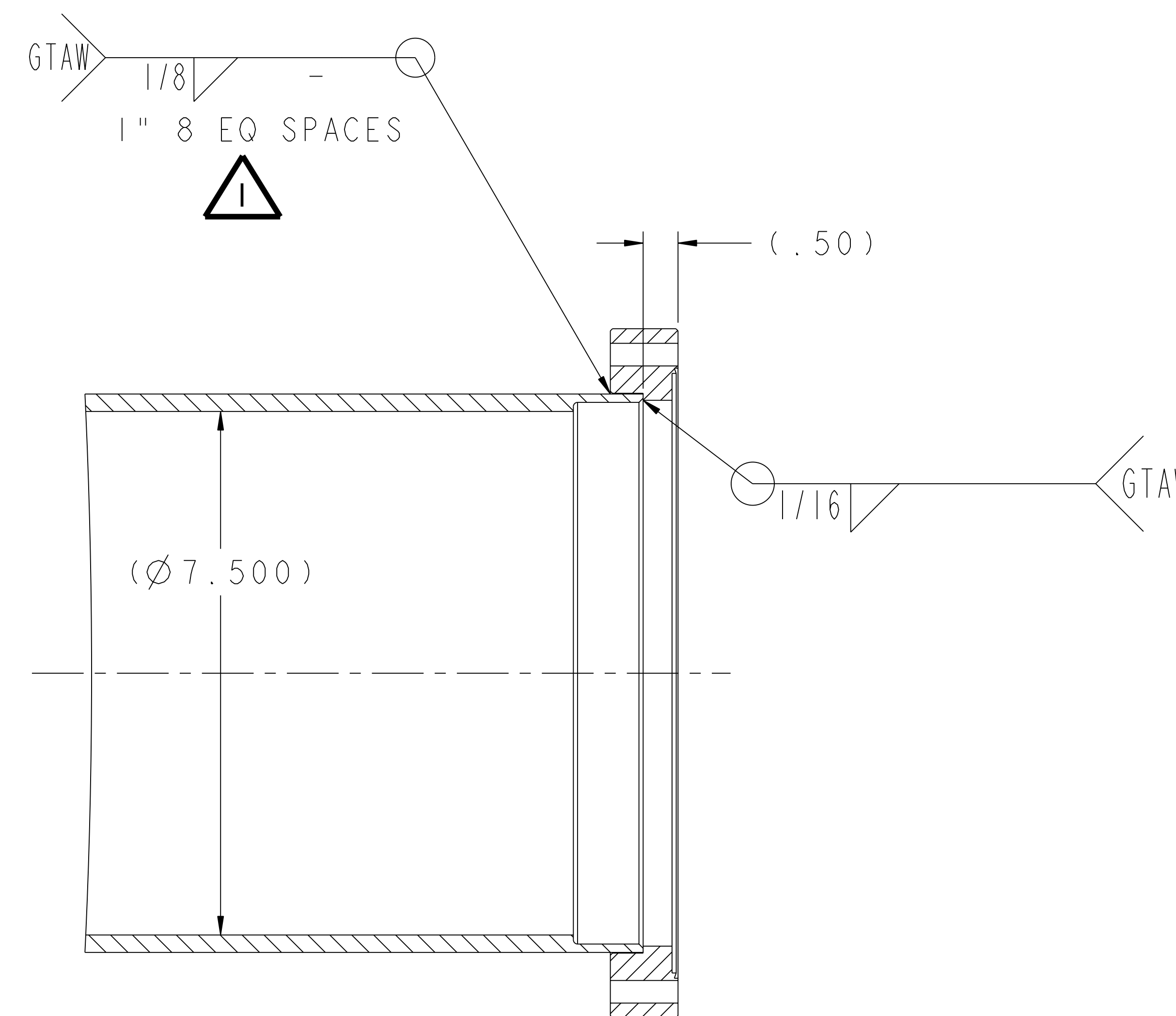
1 PORT TUBE

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



SPARE PORTS ASSEMBLY

5 ASSY REQ'D  
SCALE 0.750



SECTION A-A  
SCALE 0.750

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  $1 \times 10^{-5}$  torr-l/sec

**RELEASED FOR FABRICATION / INSTALLATION**  
PPPL Drafting:

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY	RECD
2	NS151420	10.00 O.D. CONFLAT FLG NON-ROT. HUNTINGTON 1000-800-T OR EQ	304 STN STL	5	
1	SE144-339	8" OD X .250 WALL TUBING	STN STL	5	

PARTS LIST

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES UNLESS OTHERWISE SPECIFIED BREAK SHARP EDGES .005/.020	STELLARATOR CORE MODULAR COIL WINDING FACILITY SPARE PORTS PORT ASSEMBLY/DETAILS	
TOLERANCES NON-CUMULATIVE	DECIMAL-INCH FRACTIONS	DSN: J. RUSHINSKI	DRAWING NO:
NEXT ASSEMBLY	XXX +/- .005 ANGULAR +/- 0°15'	CHK: J. CHRZANOWSKI	SE144-341
WELDING ENGINEER	R. PARSELLS	ENGR: S. RAFTOPOULOS	SHEET 1 OF 1 REV 1

RELEASE LEVEL: Conceptual  
DWG VERSION NO: 0

NCSX-SE144-341