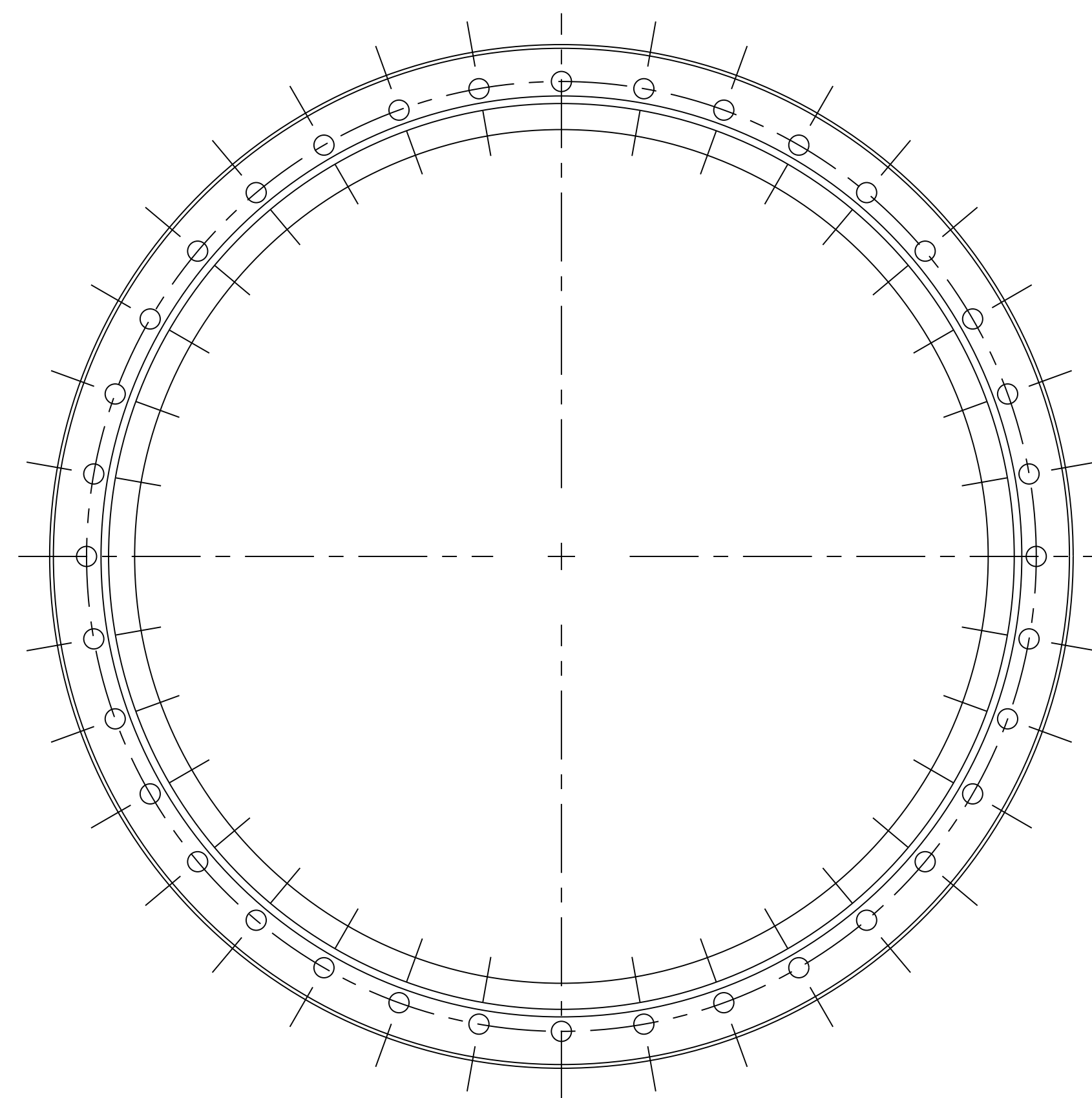
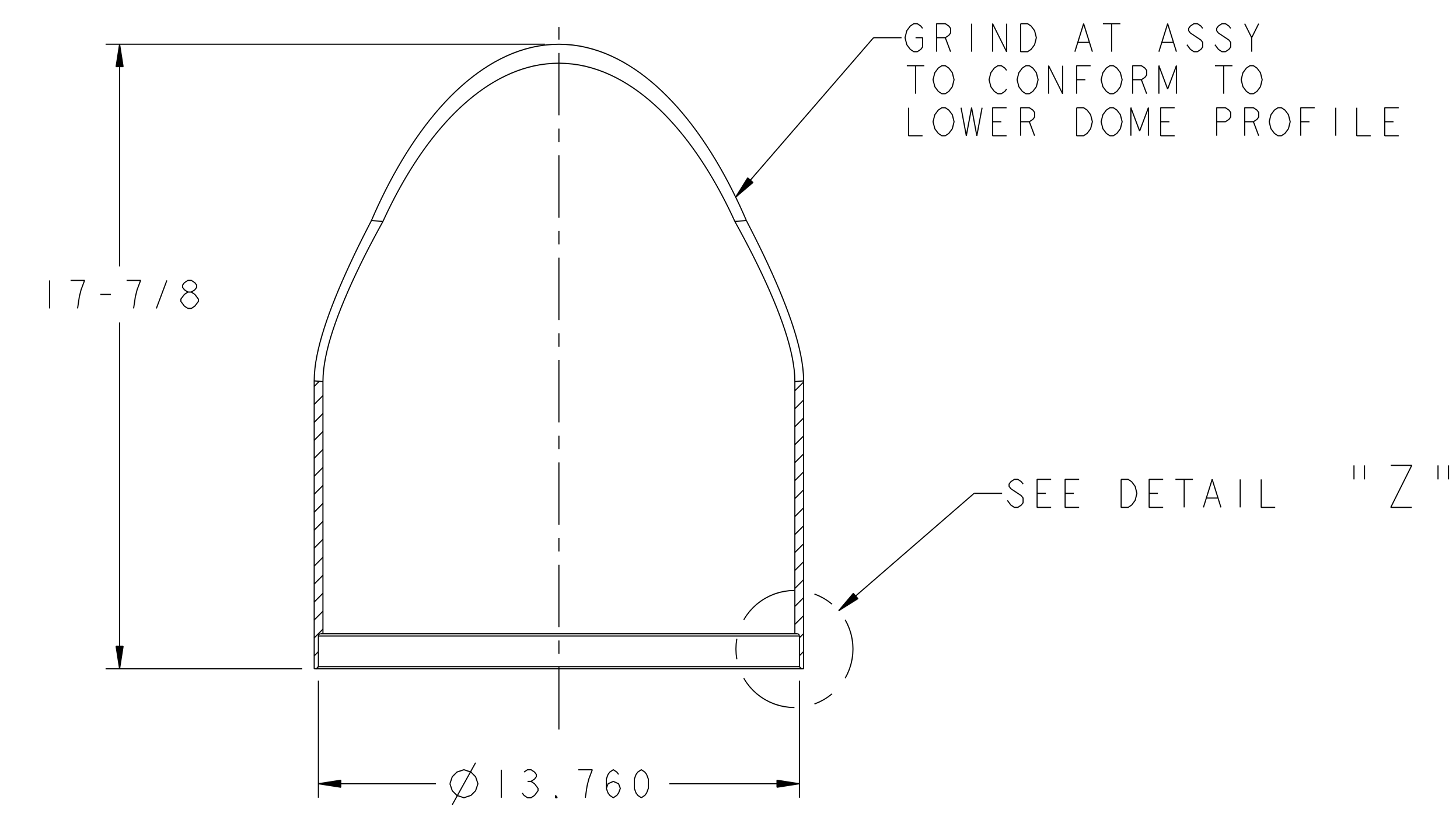


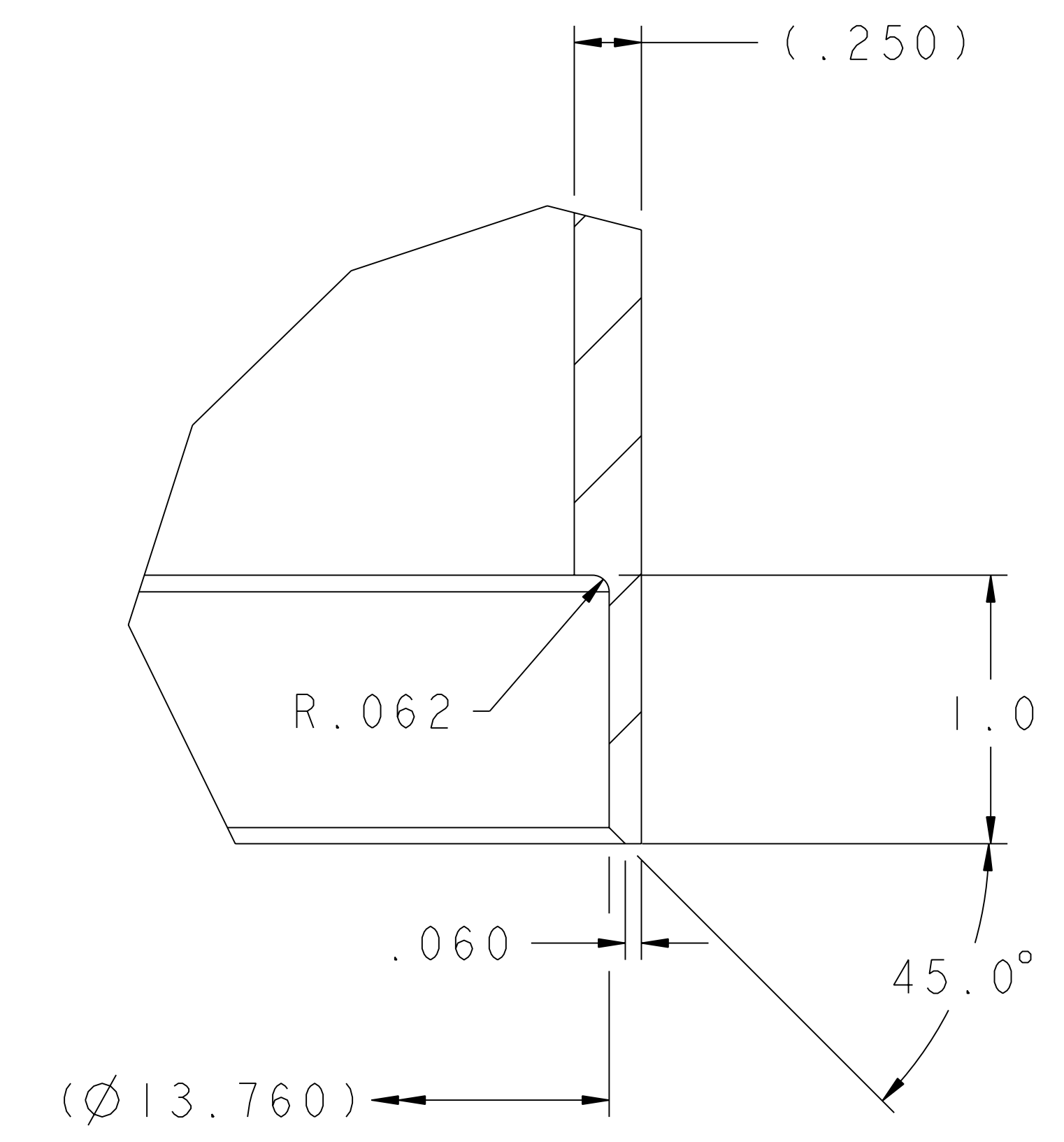
NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN #4852	JDR	JC	JS	S. RAFTOPOULOS	4/20/04



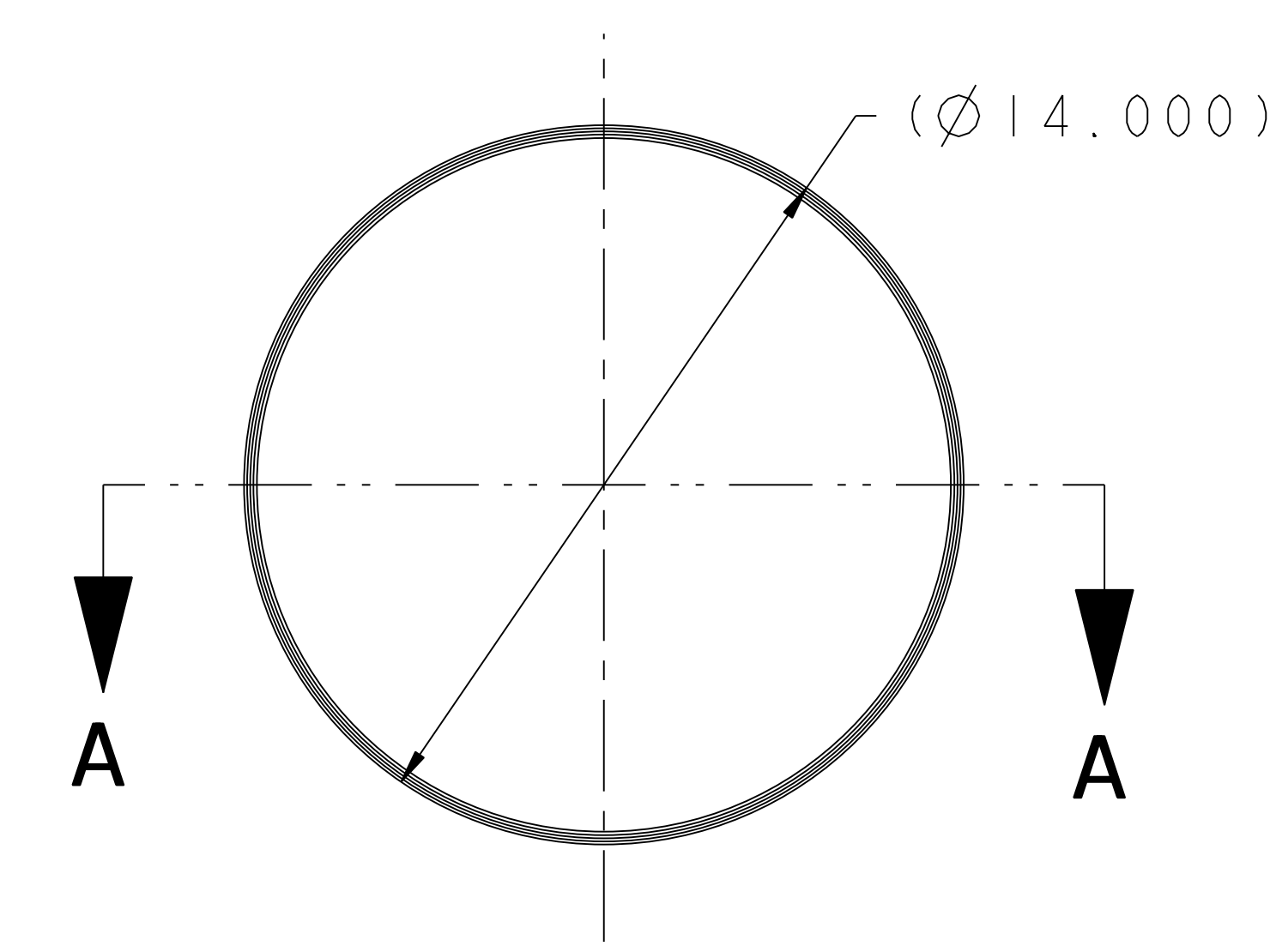
2 CONFLAT FLANGE
16.50" OD TAPPED CONFLAT FLANGE (COMM)
SCALE 0.500



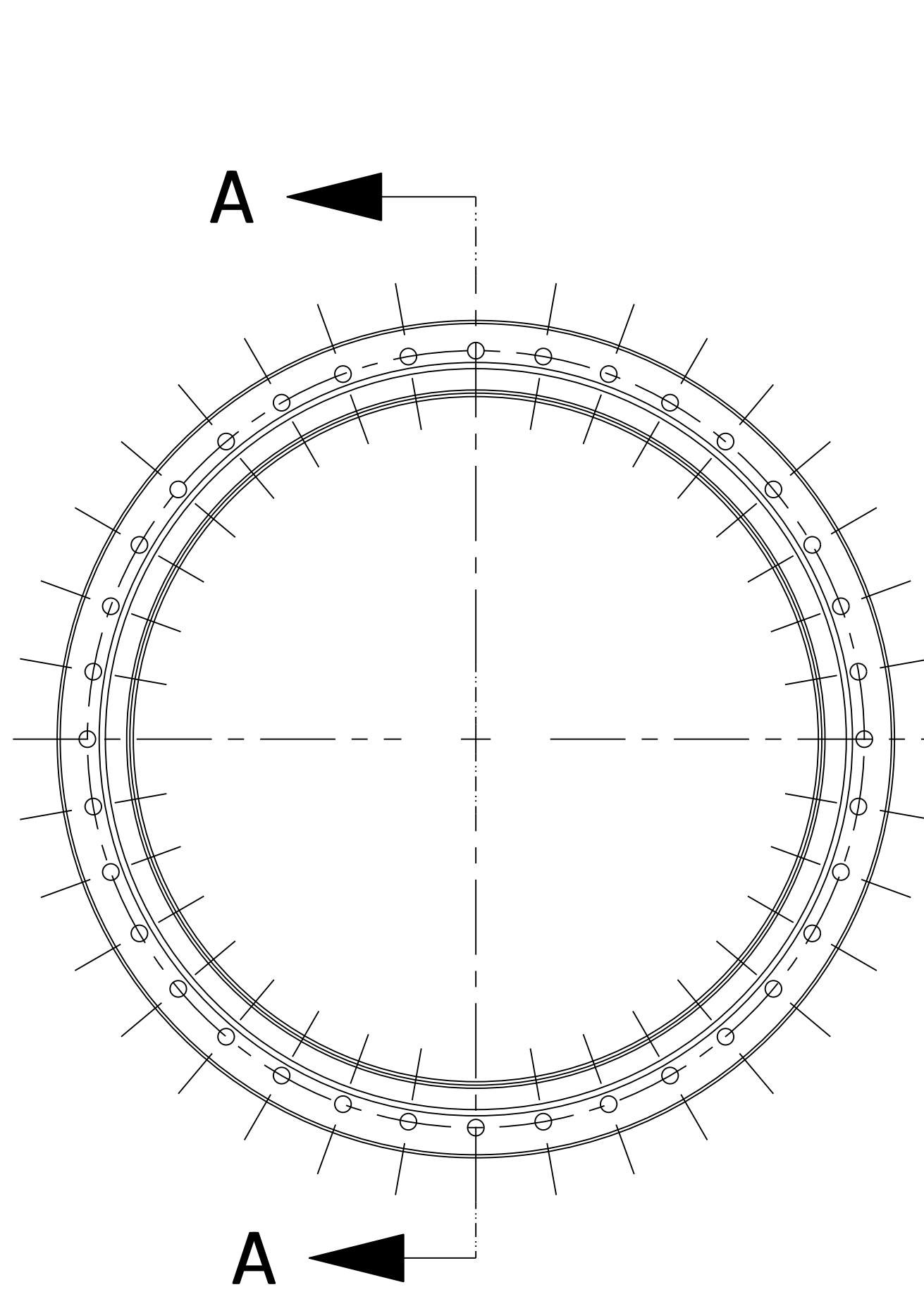
SECTION A-A
SCALE 0.312



DETAIL "Z"
SCALE 2.000

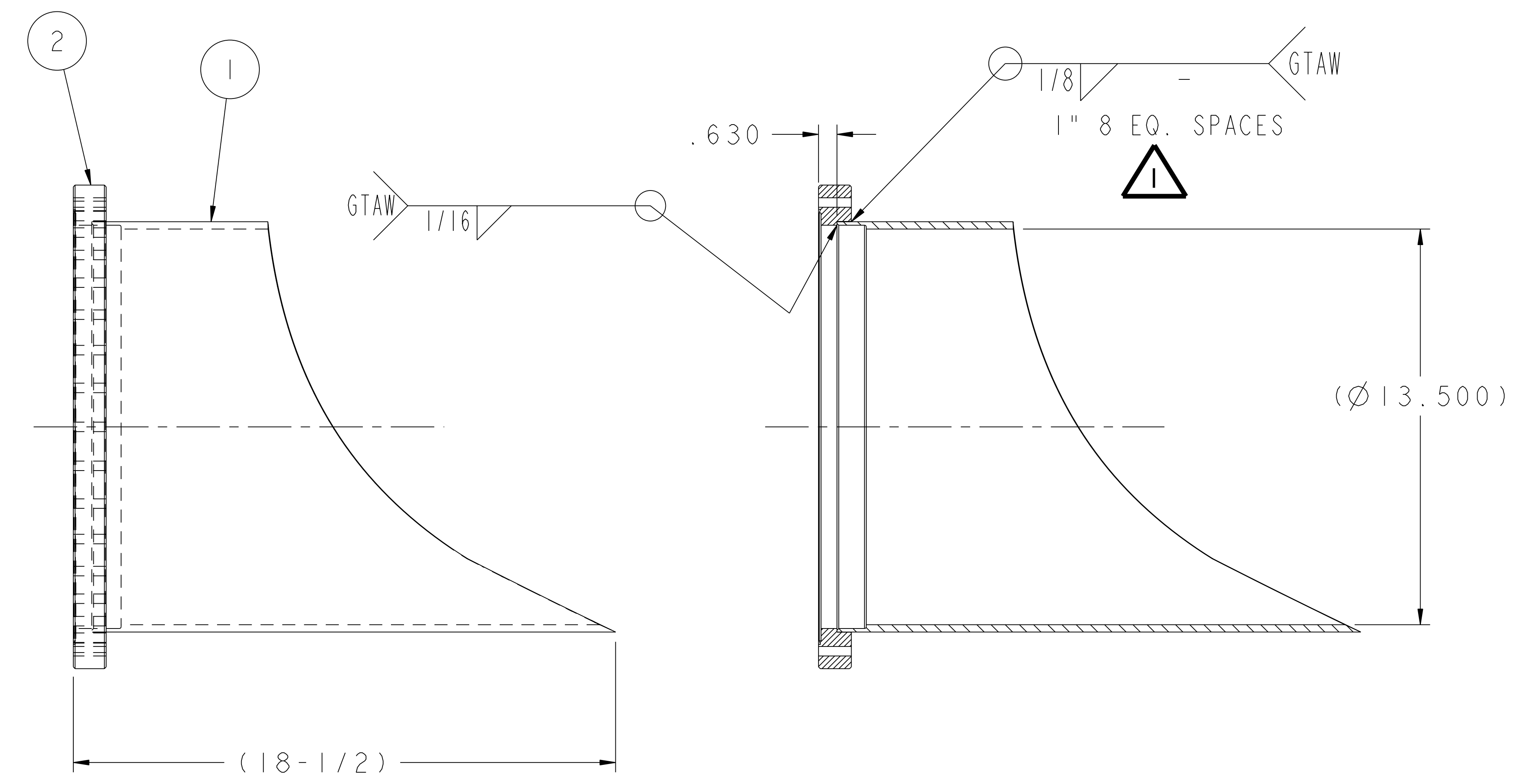


1 PORT TUBE
MAKE FROM 14" OD X .25 WALL SCH #10 PIPE
SCALE 0.312



POWER & LIGHTING FEED THRU PORT ASSY

1 ASSY REQ'D
SCALE 0.375



SECTION A-A
SCALE 0.375

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:

2	NS151426	16.50 O.D. CONFLAT FLG NON-ROT. HUNTINGTON 1650-1400-T OR EQ	304 STN STL	1
1	SE144-333	14" OD X .250 WALL SCH 10 PIPE	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	
Pro E		DIMENSIONS ARE IN INCHES MACHINE SURFACES	NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING		BREAK SHARP EDGES .005/.020	STELLARATOR CORE MODULAR COIL WINDING FACILITY POWER/LIGHTING FEED THRU PORT ASSEMBLY	
NEXT ASSEMBLY		TOLERANCES NON-CUMULATIVE	DSN: J. RUSHINSKI	DRAWING NO:
		DECIMAL-INCH FRACTIONS	CHK: J. CHRZANOWSKI	SE144-335
		.XX +/- .030	ENGR: S. RAFTOPOULOS	
		.XXX +/- .005	SUPV: J. SIEGEL	SHEET 1 OF 1 REV 1
		ANGULAR +/- .015		

RELEASE LEVEL: Fabrication
DWG VERSION NO: 0
WELDING ENGINEER: R. PARSELLS

NCSX-SE144-335