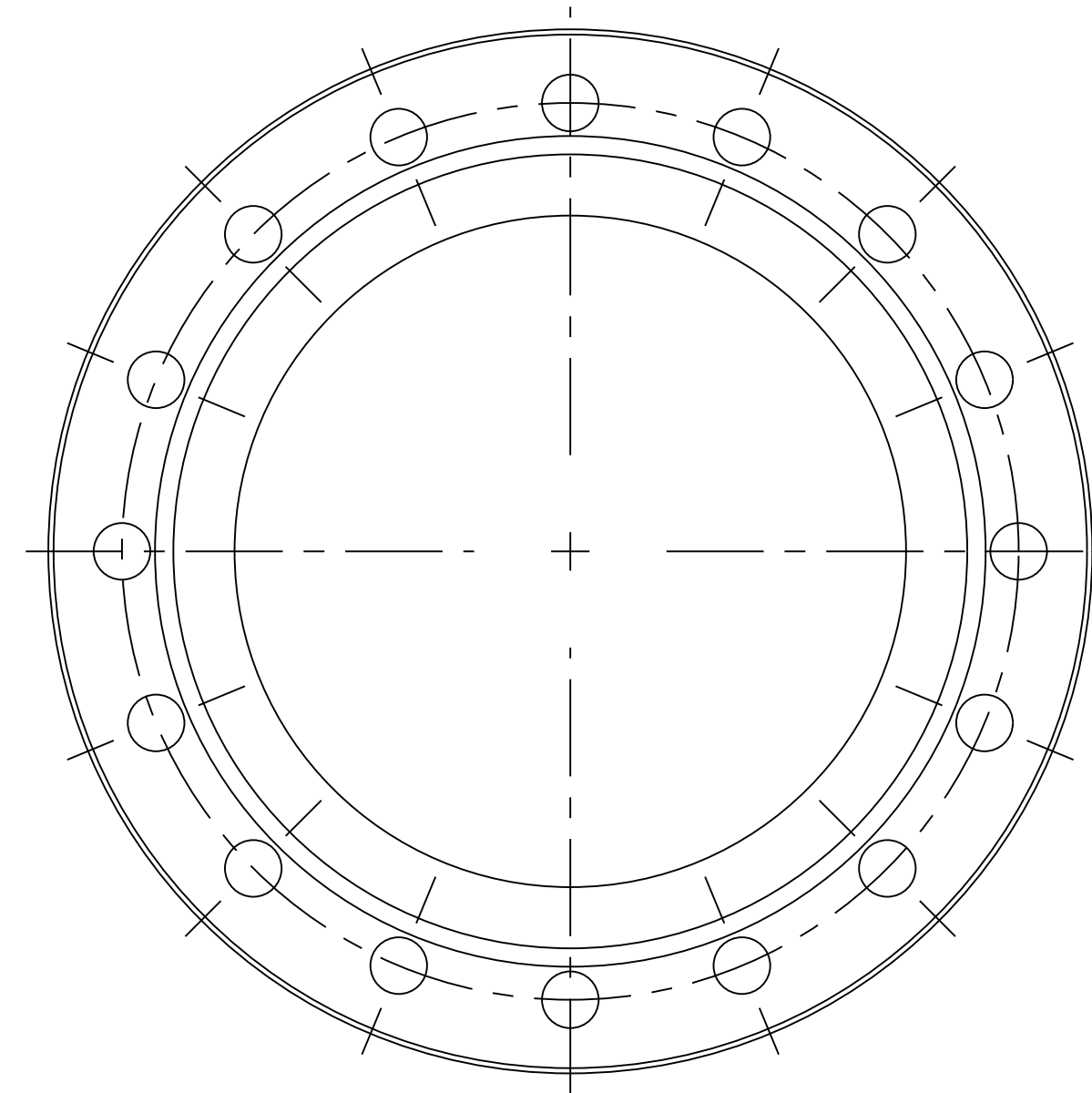
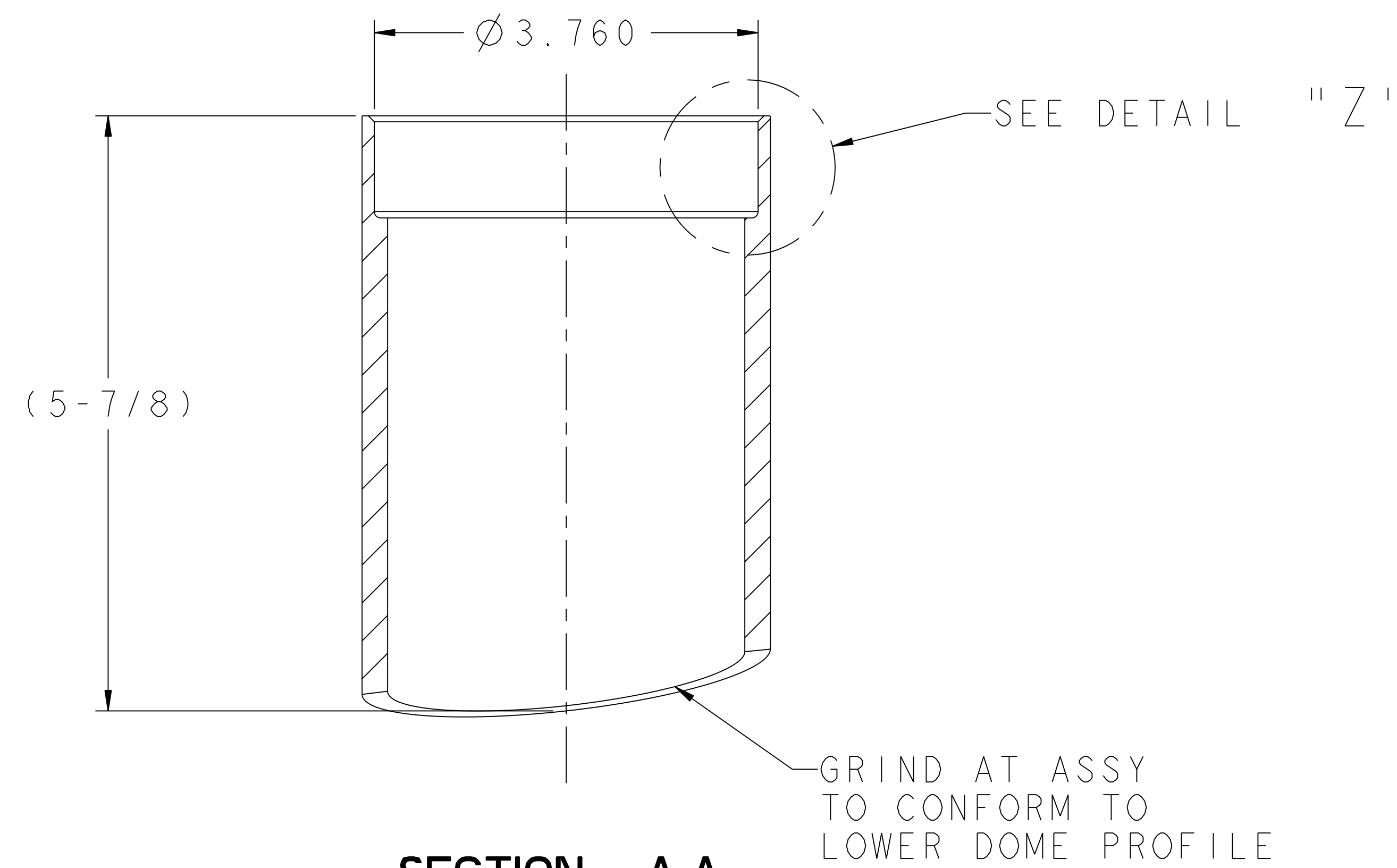


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN #4852	JDR	JC	JS	S. RAFTOPOULOS	4/20/04



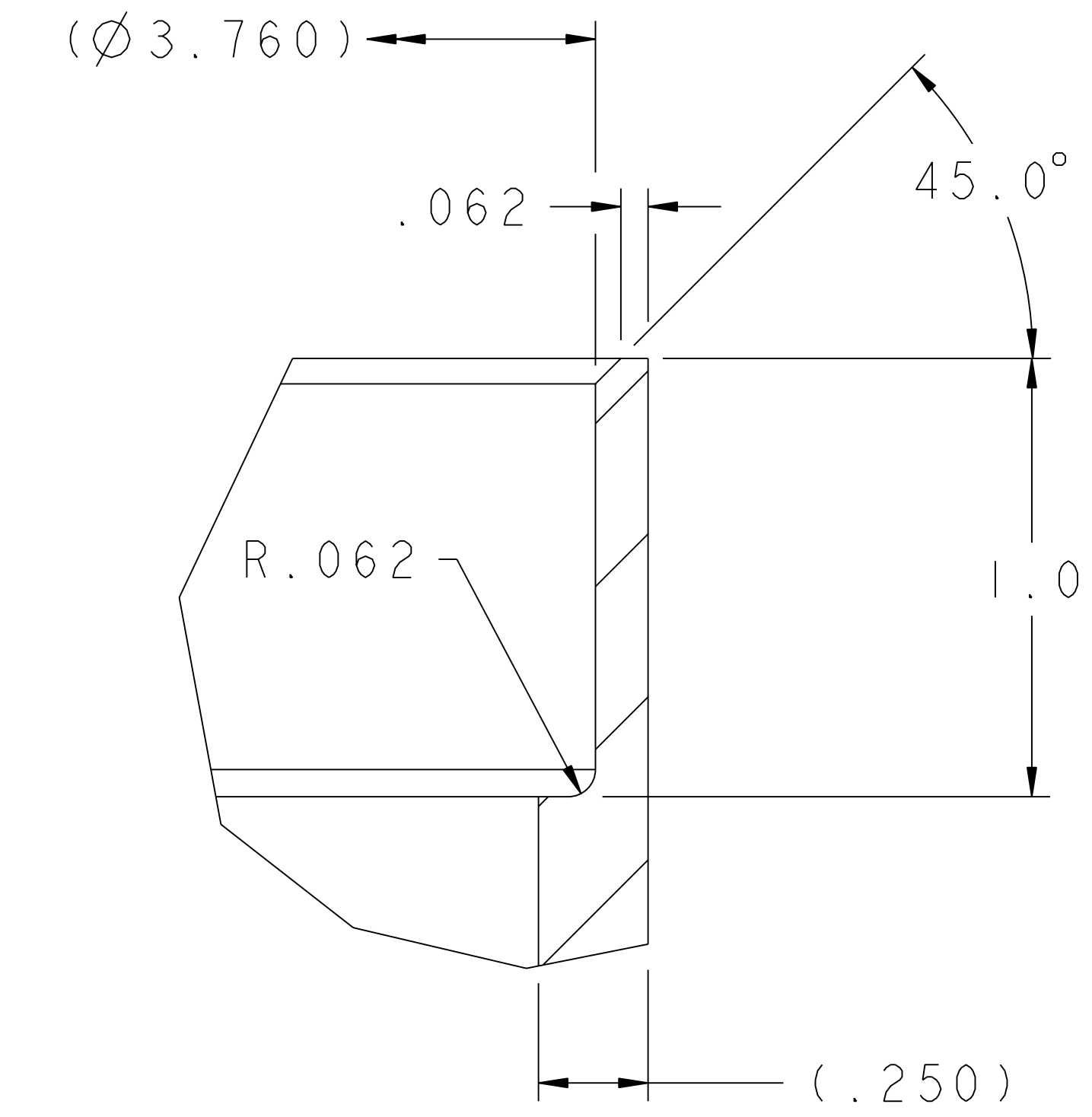
2 CONFLAT FLANGE

6" OD TAPPED CONFLAT FLANGE (COMM)
SCALE 1.000

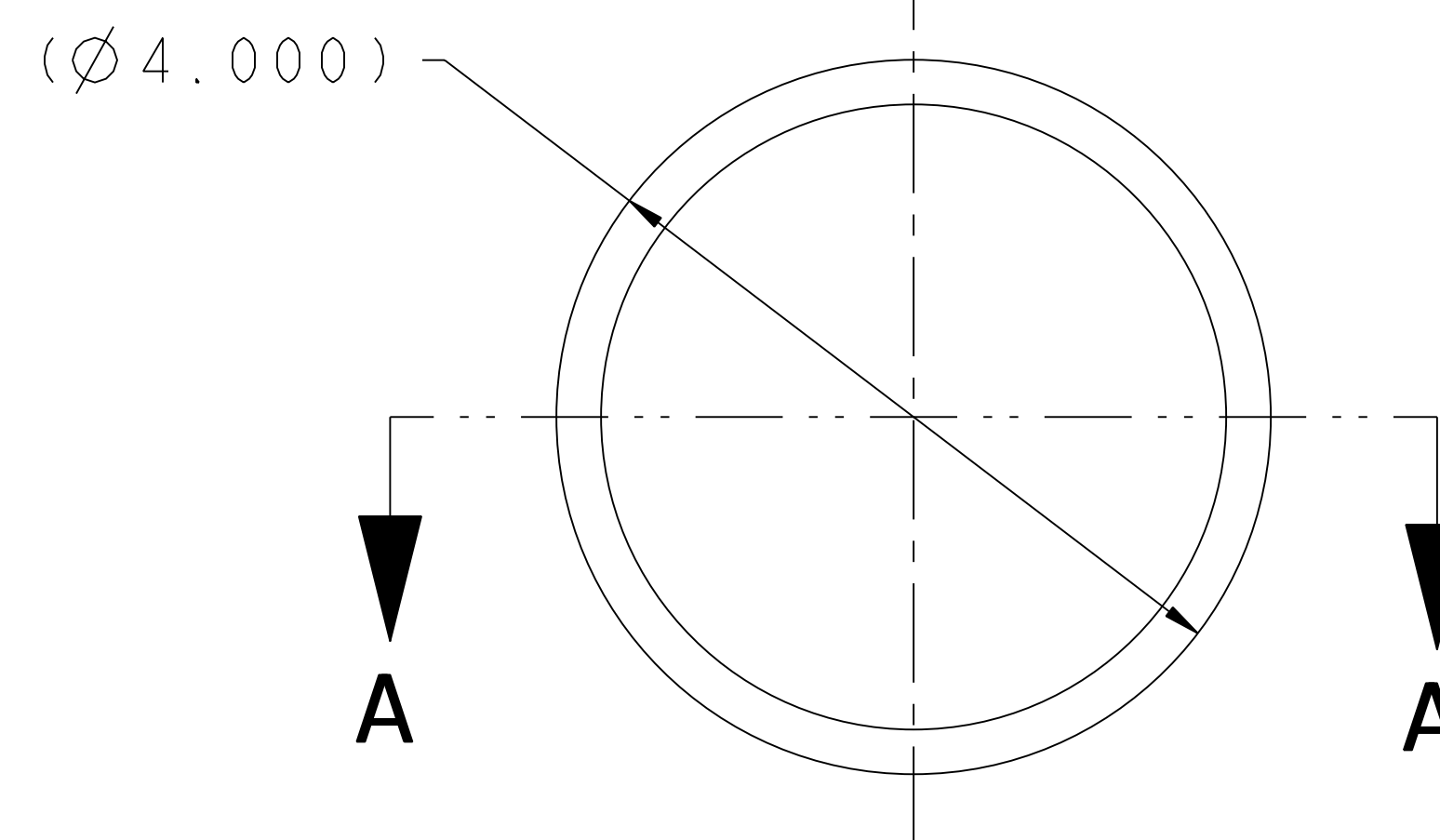


SECTION A-A
SCALE 1.000

GRIND AT ASSY TO CONFORM TO LOWER DOME PROFILE

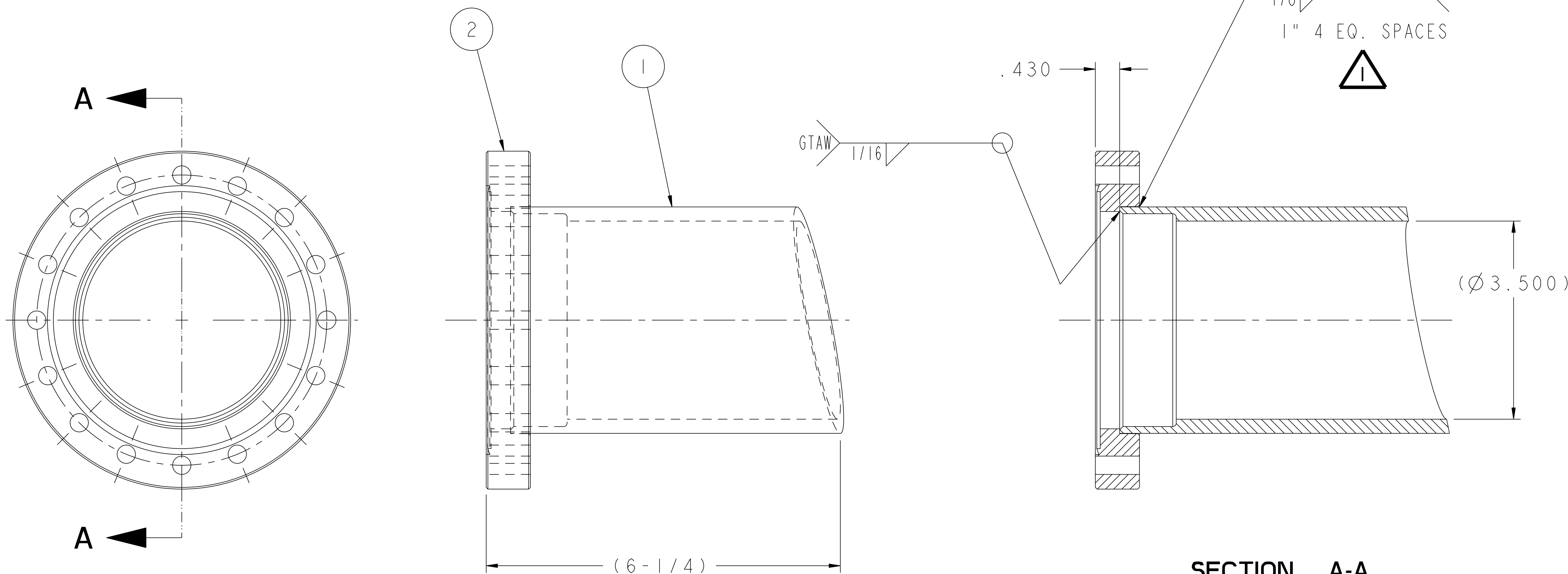


DETAIL "Z"
SCALE 3.000



1 PORT TUBE

MAKE FROM 4" OD X .250 WALL X 8" LG TUBING
SCALE 1.000



SECTION A-A
SCALE 1.000

VACUUM PUMP OUT PORT ASSEMBLY

1 ASSY REQ'D
SCALE 1.000

NOTE

1. WELDERS MUST BE CERTIFIED TO SECTION IX OF ASME CODE.
2. WELD PROCEDURES MUST BE IN ACCORDANCE WITH SECTION IX.
4. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTANCE CRITERIA OF AWS D1.6
5. NOTE ORIENTATION OF ALL PARTS BEFORE WELDING.
6. LEAK RATE SHALL NOT EXCEED 1×10^{-9} torr-l/sec

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

2	NS151416	6.00 O.D. CONFLAT FLG NON-ROT. HUNTINGTON 600-400-T OR EQ	304 STN STL	1
1	SE144-343	4" 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	
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 VACUUM SYSTEM PUMP OUT PORT ASSEMBLY/DETAILS	
TOLERANCES NON-CUMULATIVE		DSN: J. RUSHINSKI	DRAWING NO:	
NEXT ASSEMBLY		DECIMAL-INCH FRACTIONS .X ±.010 0"-.125 ±.010 .XX ±.030 12"-.75" ±.010 .XXX ±.005 72"-.120" ±.010 ANGULAR ±.0°-.15° OVER 120° ±.1°	CHK: J. CHRZANOWSKI	SE144-344
WELDING ENGINEER R. PARSELLS		ENGR: S. RAFTOPOULOS	SUPV: J. SIEGEL	SHEET 1 OF 1 REV 1

RELEASE LEVEL: Fabrication
DWG VERSION NO: 0

WEIGHT
7.4 lbs

MODEL NAME
SE144-344

NCSX-SE144-344