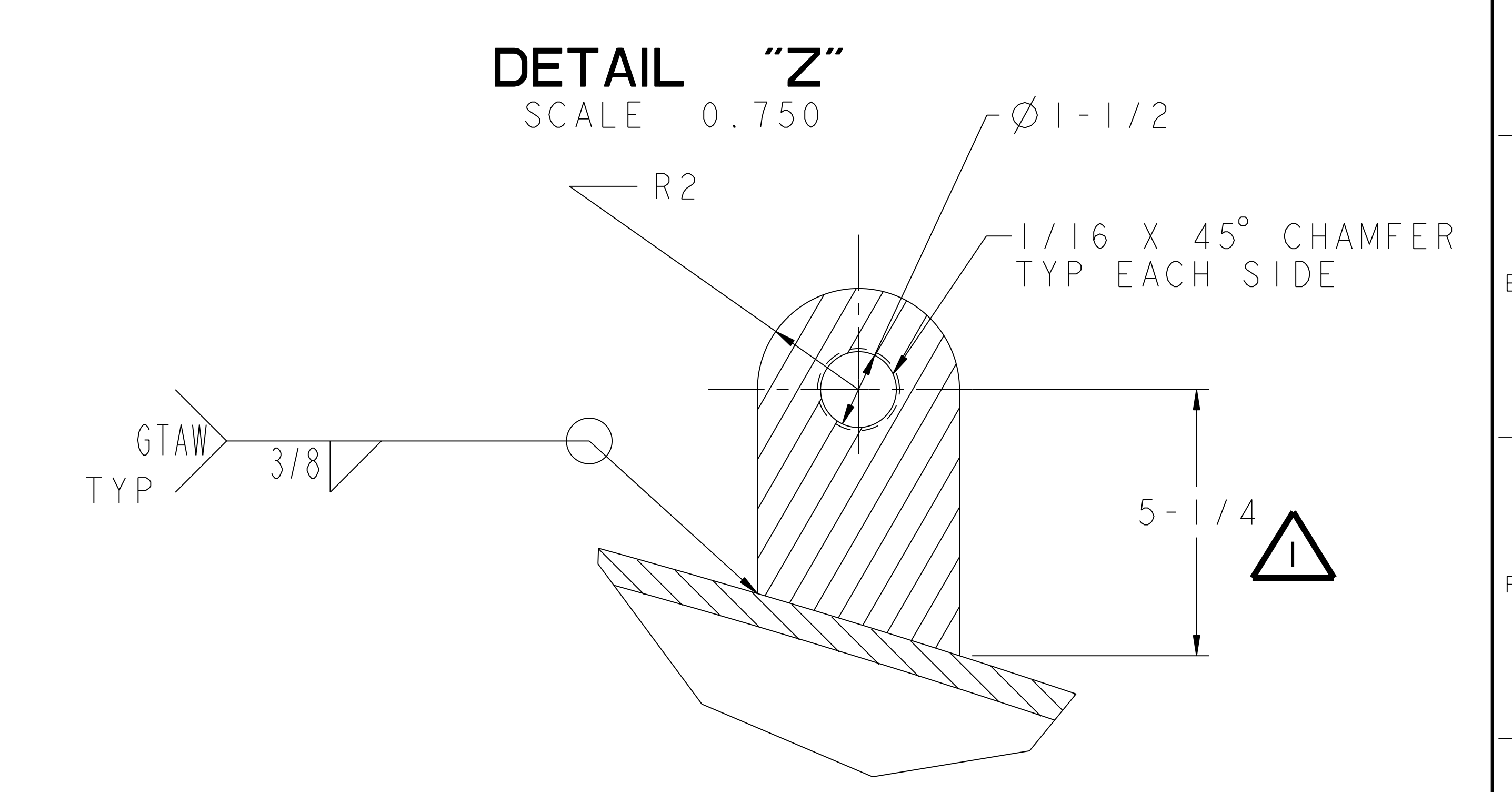
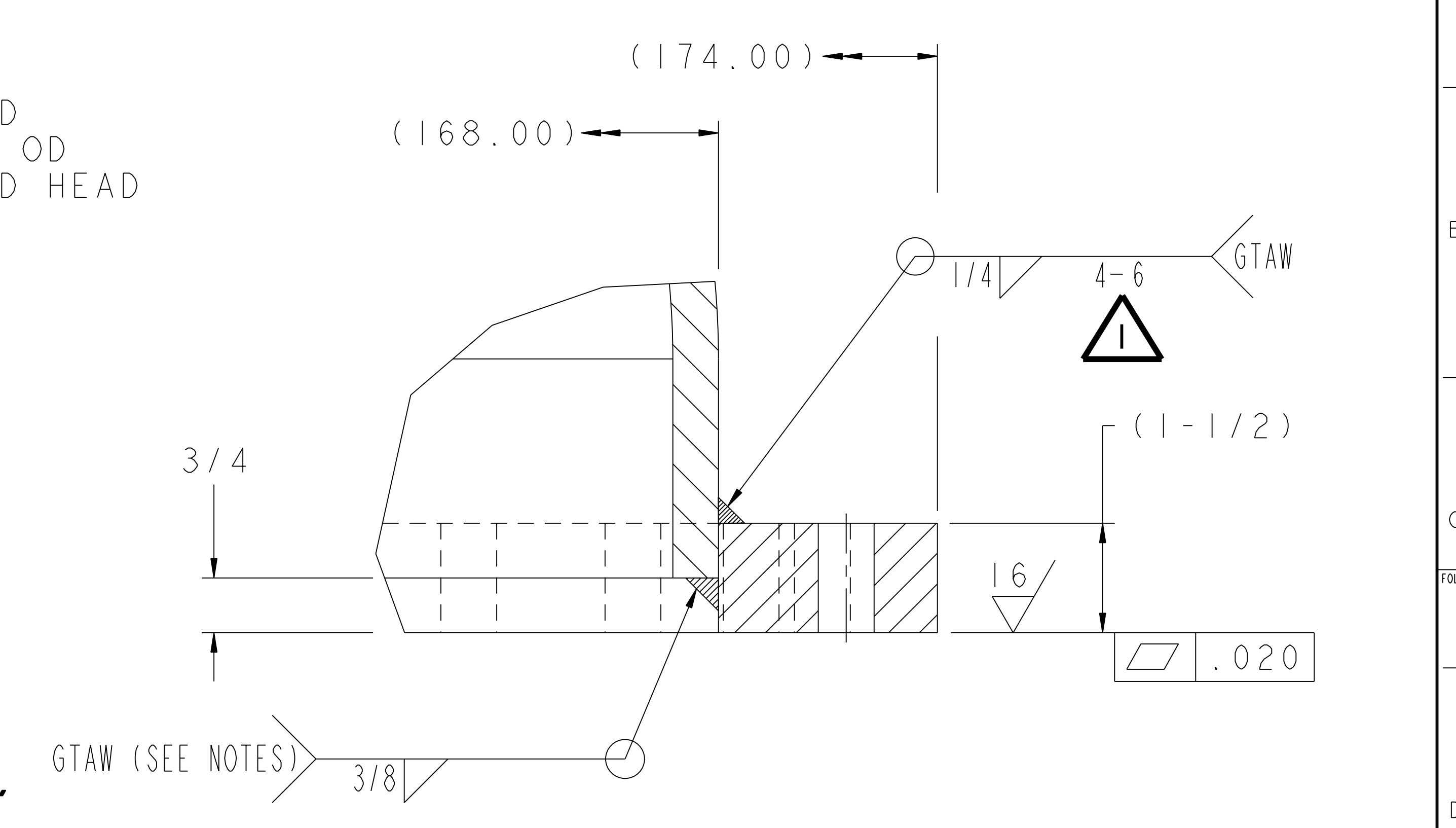
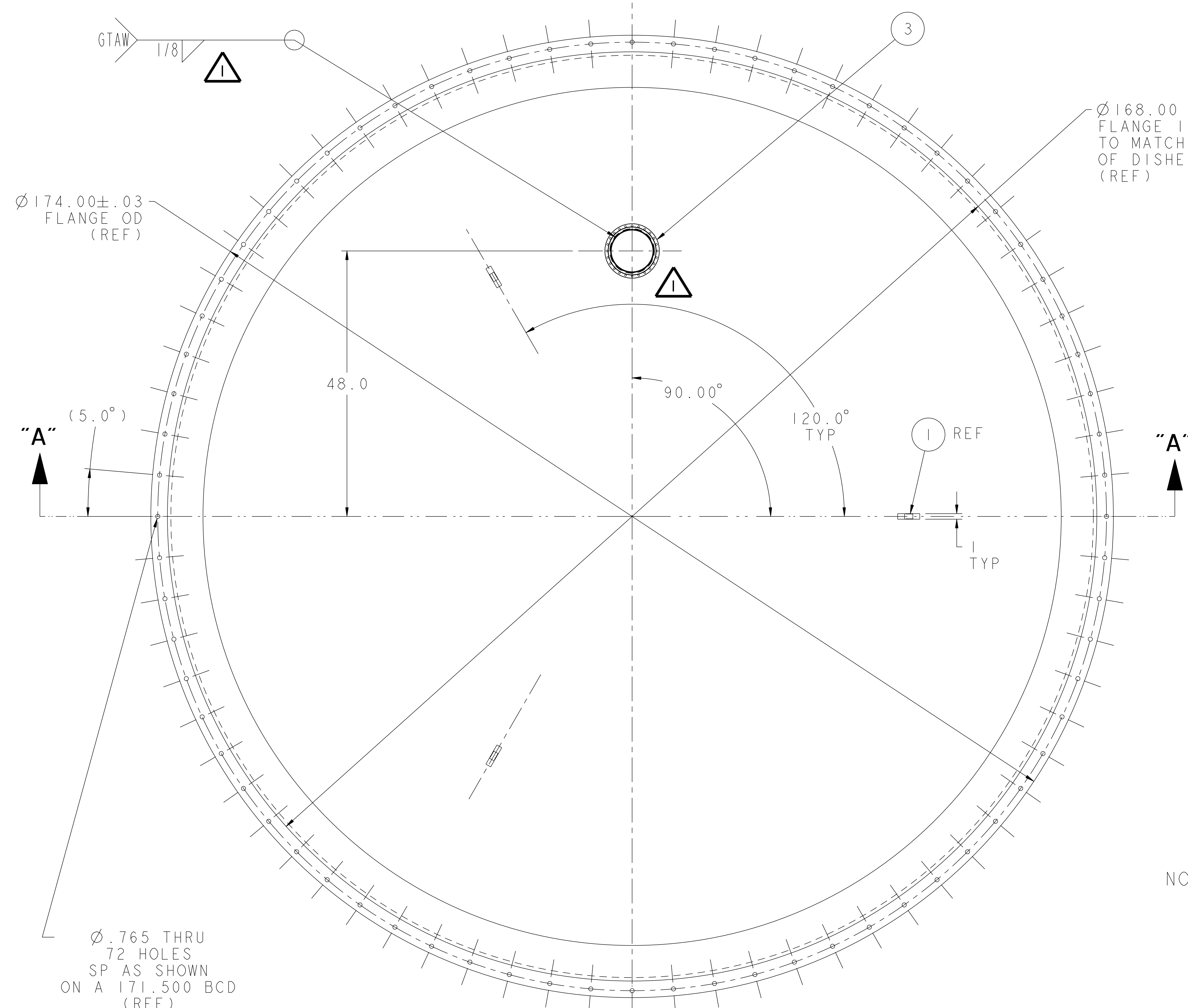
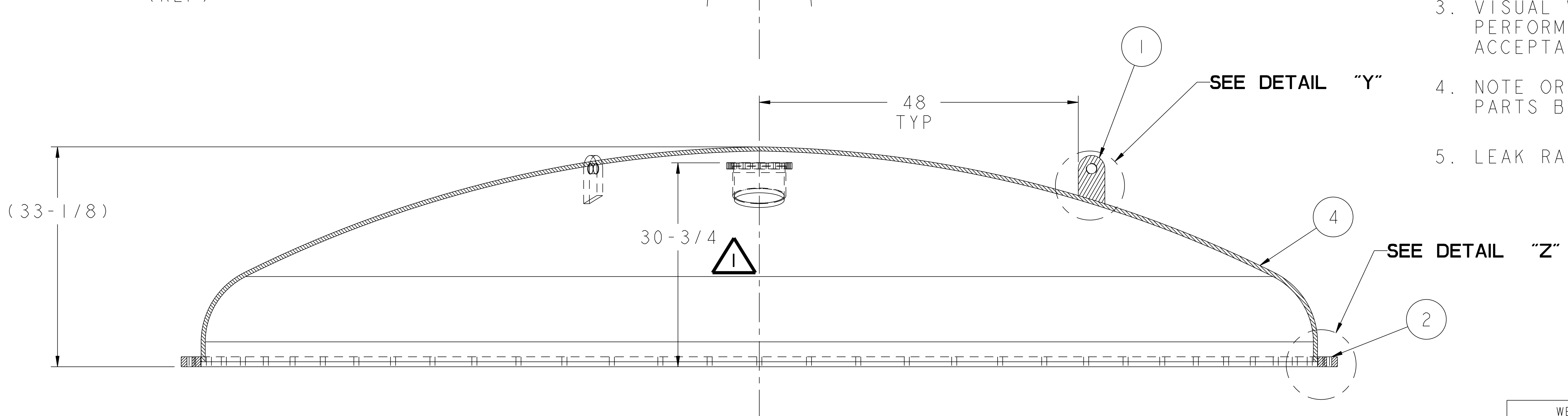


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN #4852	JDR	JC	JS	S. RAFTOPOULOS	4/22/04



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

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:



APPROX WT 5,800 LBS

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY	REOD
4	SE144-379-2	ASME DISHED HEAD 168" OD X 5/8" THK UPPER DOME	STN STL	1	
3	SE144-363-1	10" CONFLAT PORT ASSEMBLY	STN STL	1	
2	SE144-371	UPPER DOME MOUNTING FLANGE	304 STN STL	1	
1		UPPER DOME LIFTING LUG	304 STN STL	3	

PARTS LIST

COMPUTER GENERATED DRAWING MANUAL 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 UPPER DOME WELDMENT ASSEMBLY	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX ±.010 .XXX ±.005 ANGULAR ±.05° OVER	DSN: J. RUSHINSKI CHK: J. CHRZANOWSKI ENGR: S. RAFTOPOULOS SUPV: J. SIEGEL	DRAWING NO: SE144-325 SHEET 1 OF 1 REV 1

WEIGHT: 5770.1 lbs
MODEL NAME: SE144-325
WELDING ENGINEER: R. PARSELLS

RELEASE LEVEL: As Built
DWG VERSION NO: 0

SECTION "A"- "A"
SCALE 0.125

NCSX-SE144-325