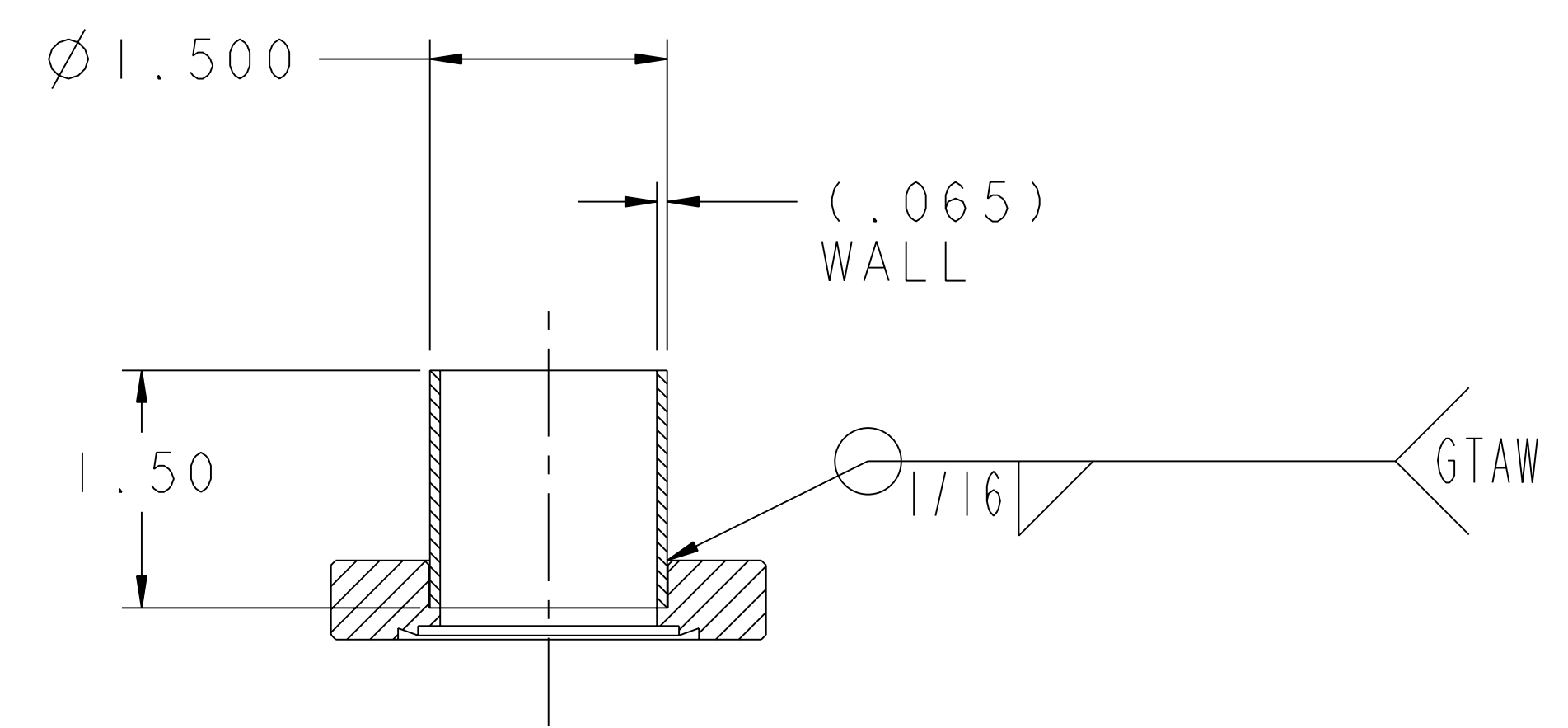
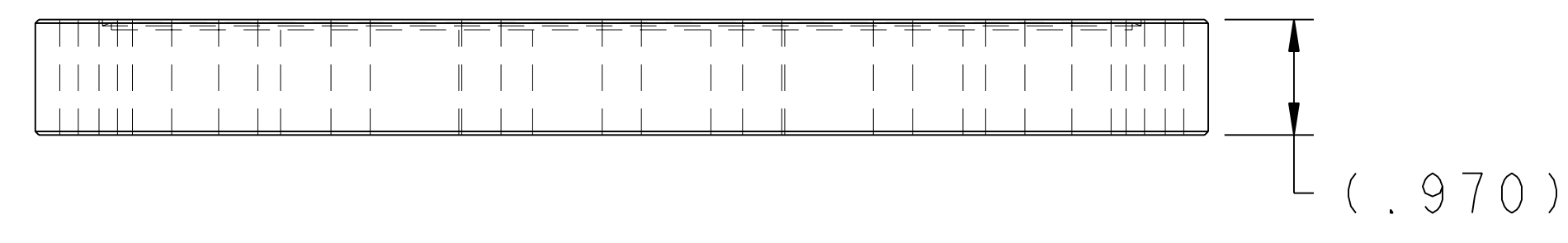


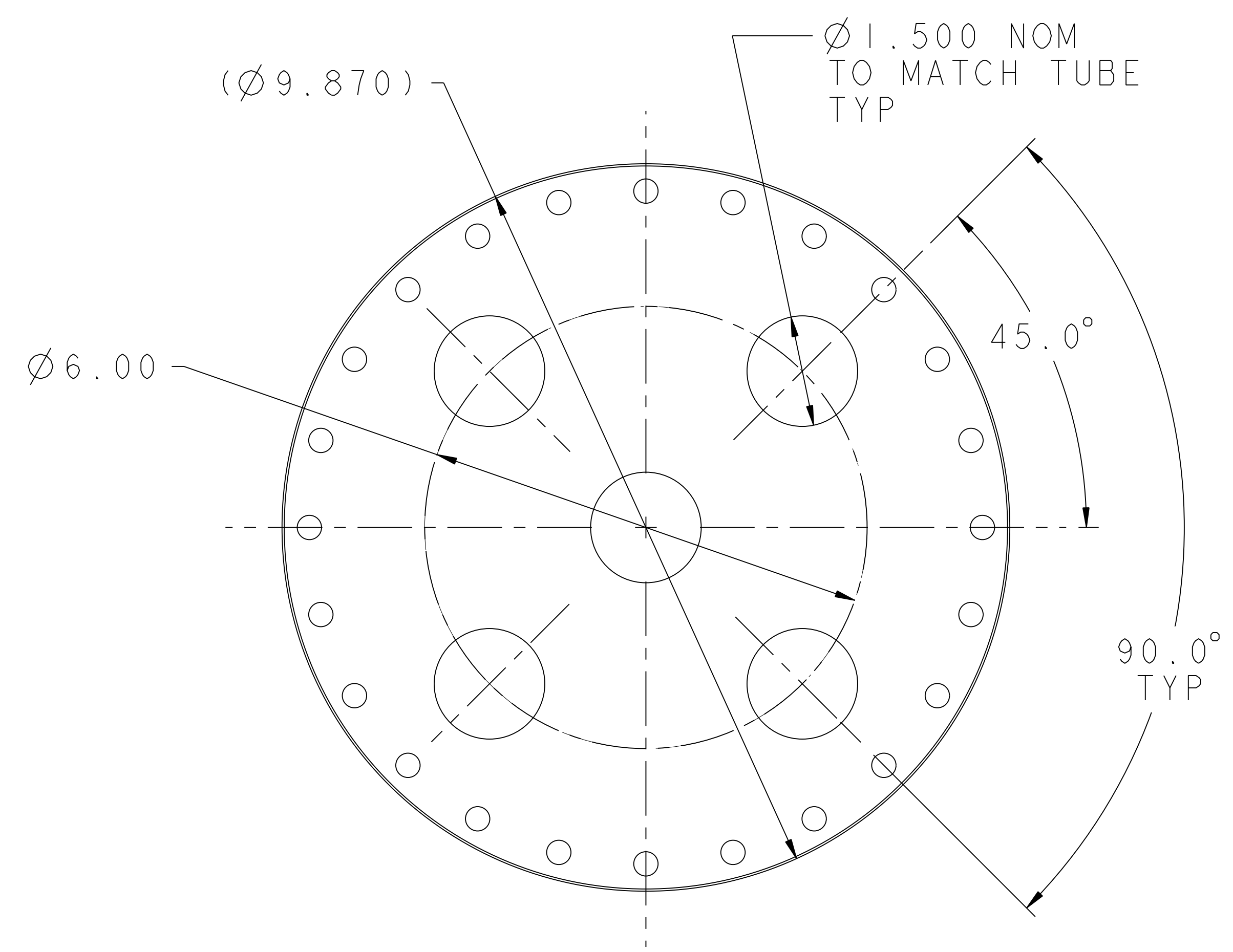
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



SECTION A-A
SCALE 1.000

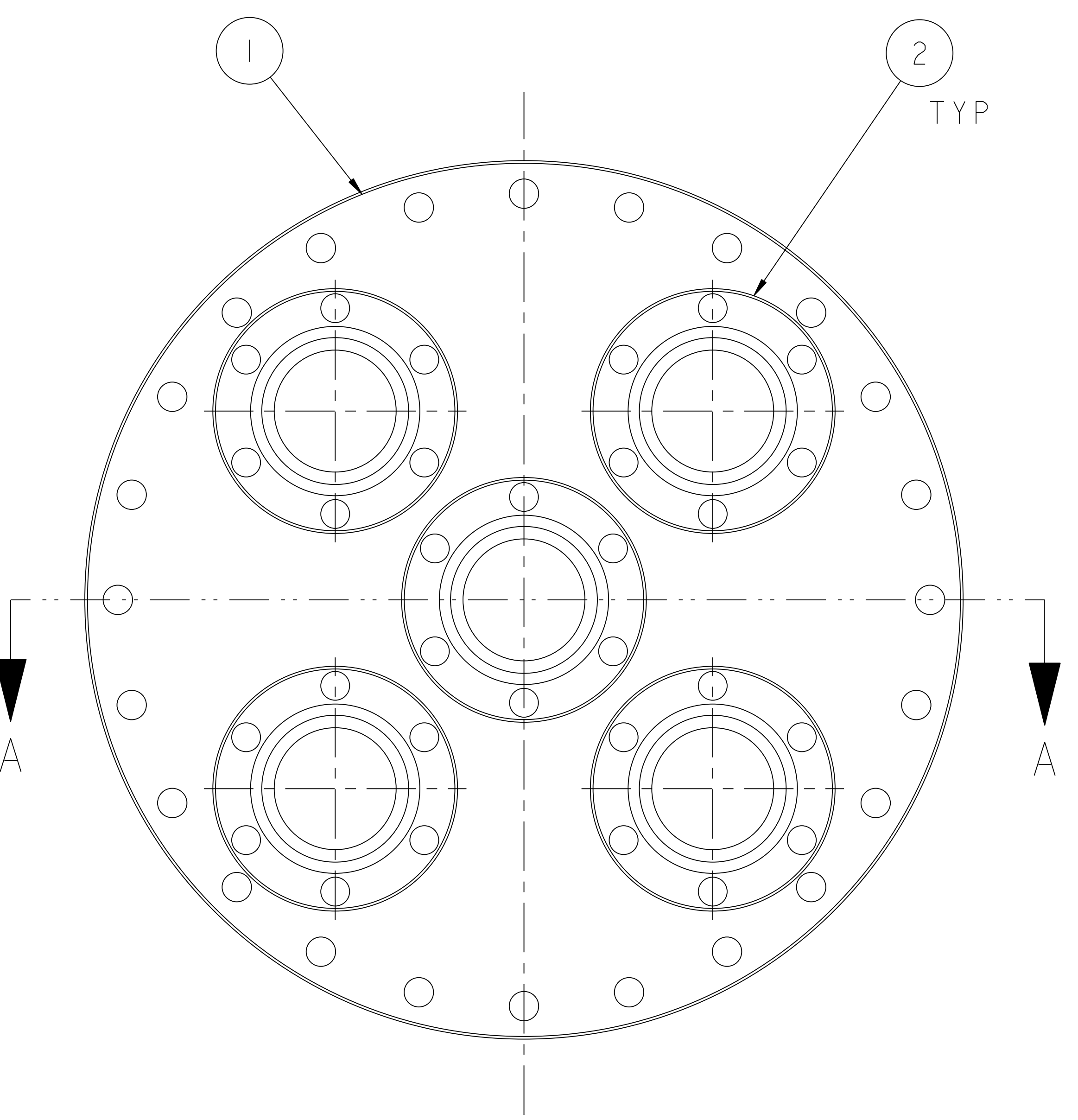
NOTE

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



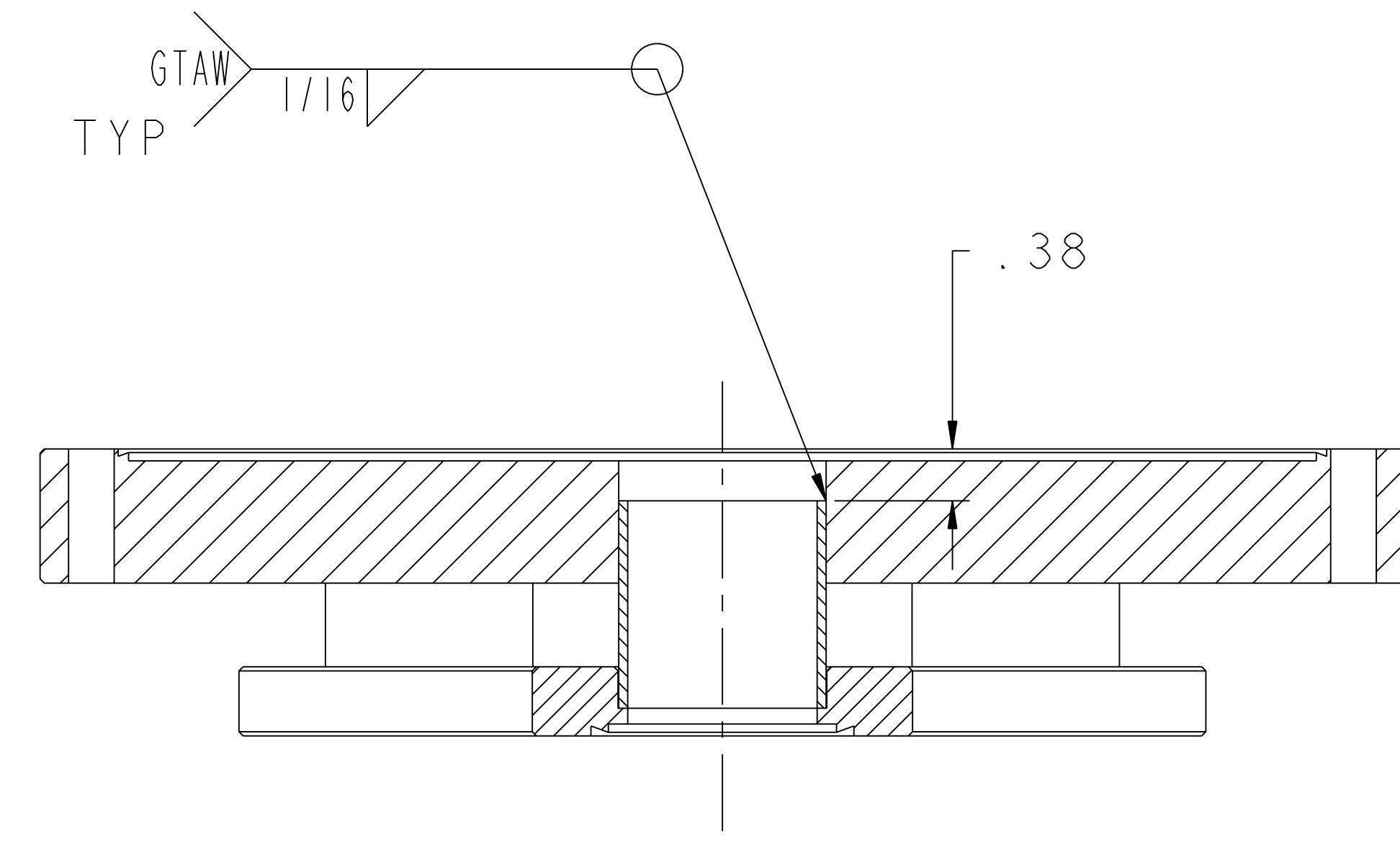
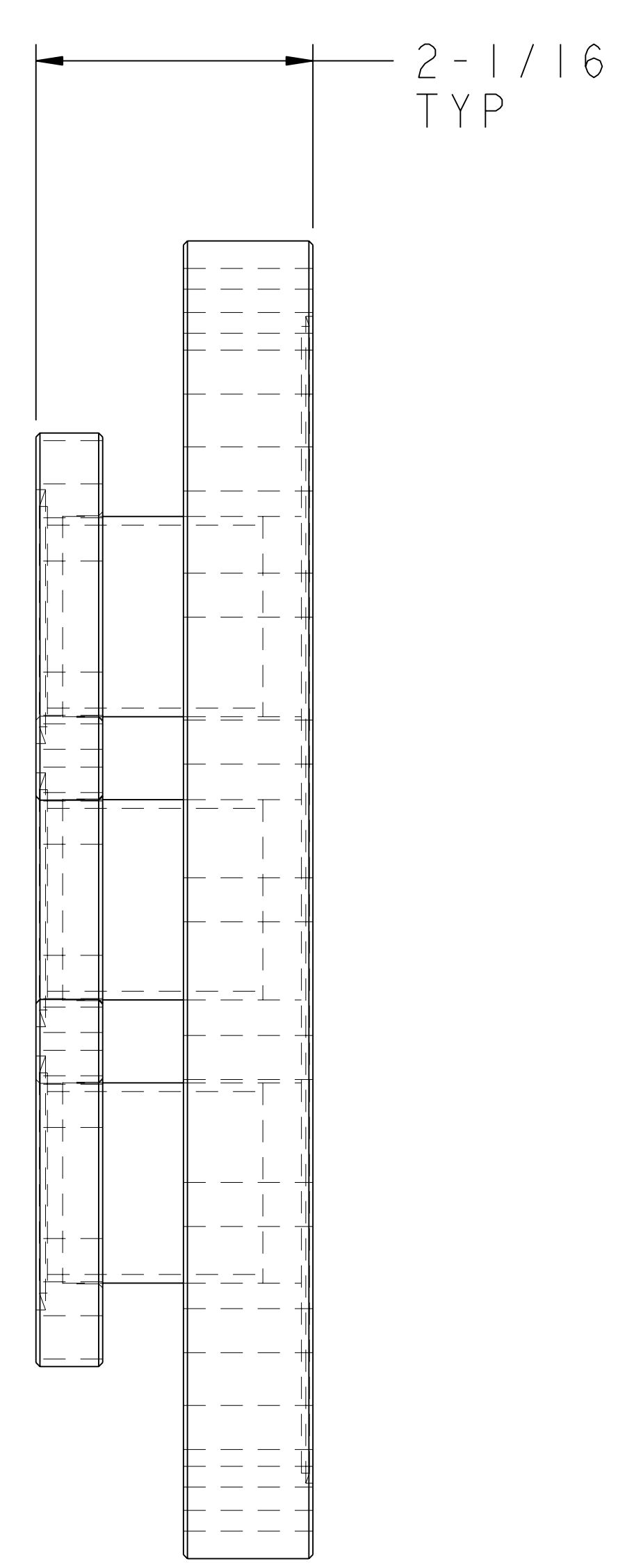
1 10" CONFLAT FLANGE
MODIFY COMM FLANGE AS SHOWN
SCALE 0.750

2 PIN CONNECTOR FEED THRU
MAKE FROM 2 3/4 CONFLAT FLANGE
AND 1.50 OD X .065 WALL TUBE
SCALE 1.000



THERMOCOUPLE COVER FLANGE ASSEMBLY

1 ASSY REQ'D
SCALE 1.000



SECTION A-A
SCALE 1.000

RELEASED FOR FABRICATION / INSTALLATION

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY RECD
2	NS151408	2.75 O.D. CONFLAT FLG NON-ROT. HUNTINGTON 275-150-T OR EQ	304 STN STL	5
1	SE144-396	10.00 O.D. CONFLAT FLG NON-ROT. HUNTINGTON 1000-000 OR EQ	304 STN STL	1

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 THERMOCOUPLE FEED THRU PORT COVER FLANGE ASSEMBLY/DETAILS
DO NOT VERIFY INFORMATION BY SCALING DRAWING	TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX ±.000 .XXX ±.005 ANGULAR ±.0°-15° OVER 120° ±.1°	DSN: J. RUSHINSKI CHK: ENGR: S. RAFTOPOULOS SUPV: SE144-394
NEXT ASSEMBLY	WEIGHT 1238.5 lbs	DRAWING NO: SE144-394
MODEL NAME SE144-394	RELEASE LEVEL: Fabrication DWG VERSION NO: 01	SHEET 1 OF 1 REV 0

NCSX-SE144-394