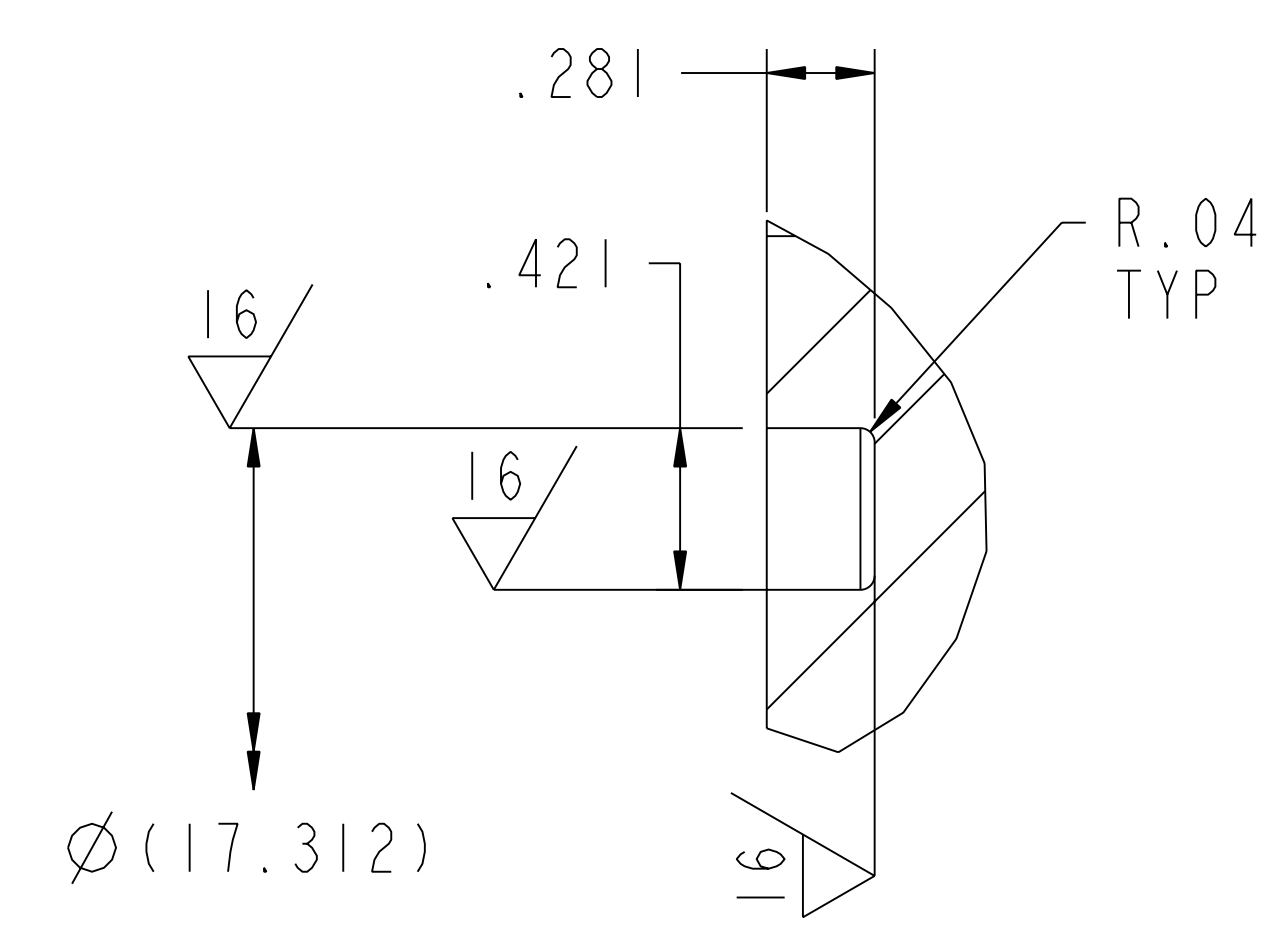
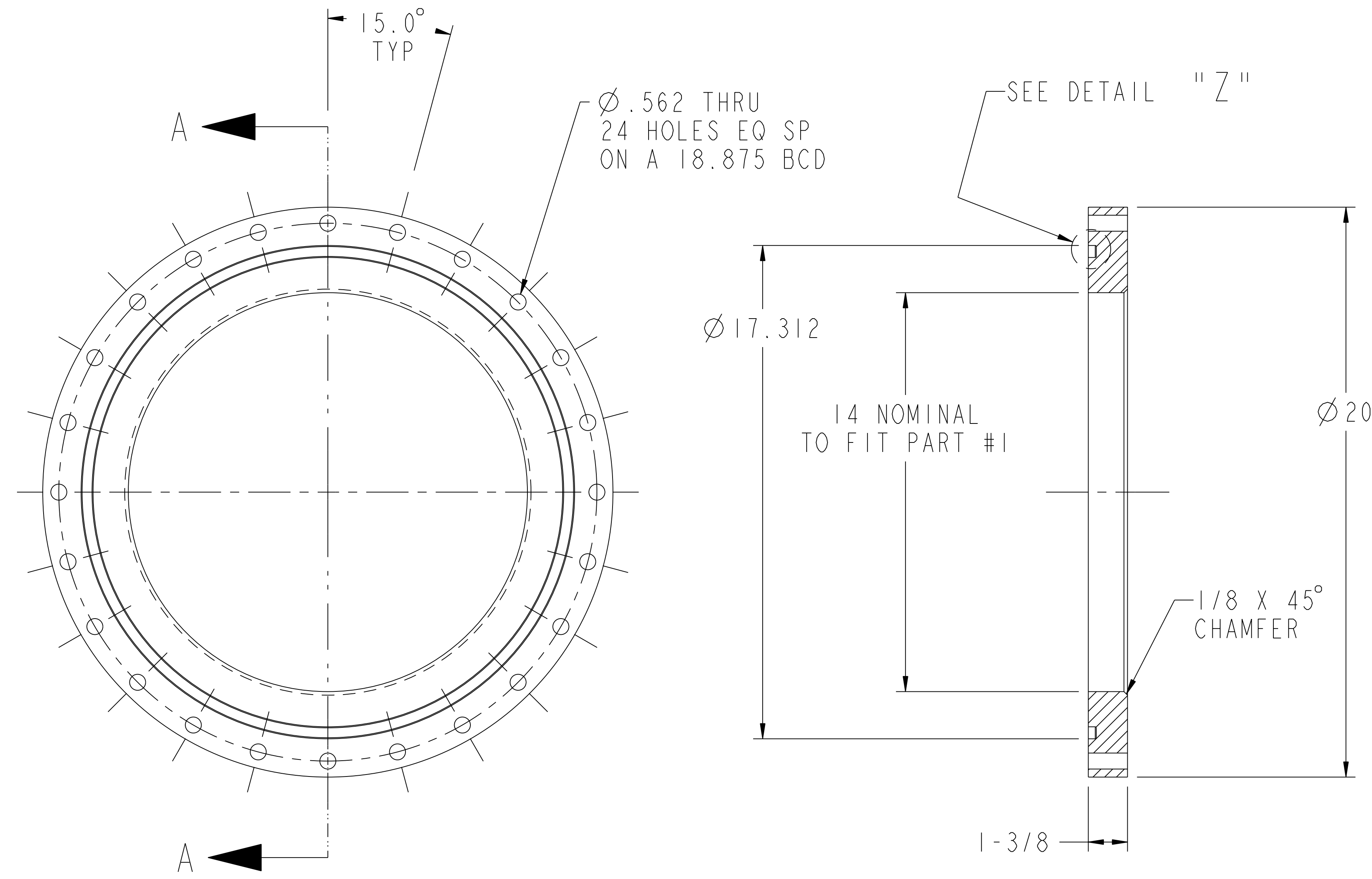


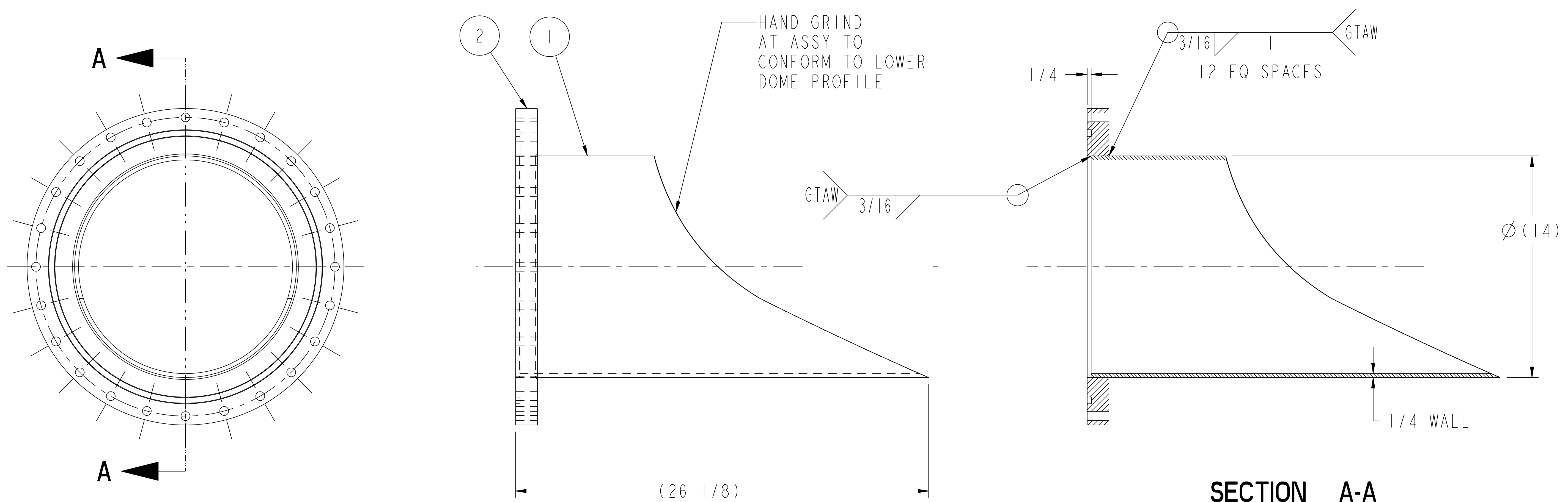
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



**DETAIL "Z"**  
SCALE 2.000  
"O" RING GROOVE

**SECTION A-A**  
SCALE 0.375

**HEATER SUPPLY FLANGE**  
SCALE 0.375



**SECTION A-A**  
SCALE 0.300

**HEATING SUPPLY FEED THRU PORT ASSEMBLY**  
1 ASSY REQ'D

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:

2	SE144-349	HEATING SUPPLY FLANGE	STN STL	1
1	SE144-351	HEATING RETURN PORT TUBE	STN STL	1
PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REOD
PARTS LIST				
COMPUTER GENERATED DRAWING CHANGES NOT PERMITTED	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY		
Pro E	UNLESS OTHERWISE SPECIFIED	NATIONAL COMPACT STELLARATOR EXPERIMENT		
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES	STELLARATOR CORE		
	BREAK SHARP EDGES .005/.020	MODULAR COIL WINDING FACILITY		
	TOLERANCES NON-CUMULATIVE	AUTOCLAVE HEATING SUPPLY PORT ASSEMBLY/DETAILS		
	DECIMAL-INCH FRACTIONS	DSN: J. RUSHINSKI	DRAWING NO:	
	.XX +/- .030	ENGR: S. RAFTOPOULOS	<b>SE144-350</b>	
	.XXX +/- .005	SUPV:	SHEET 1 OF 1	
	ANGULAR +/- .0°-15° OVER 120° +/- .1°		REV	

**RELEASE LEVEL: As Built**  
**DWG VERSION NO:**

**WEIGHT**  
106.4 lbs  
**MODEL NAME**  
SE144-350

NCSX-SE144-350