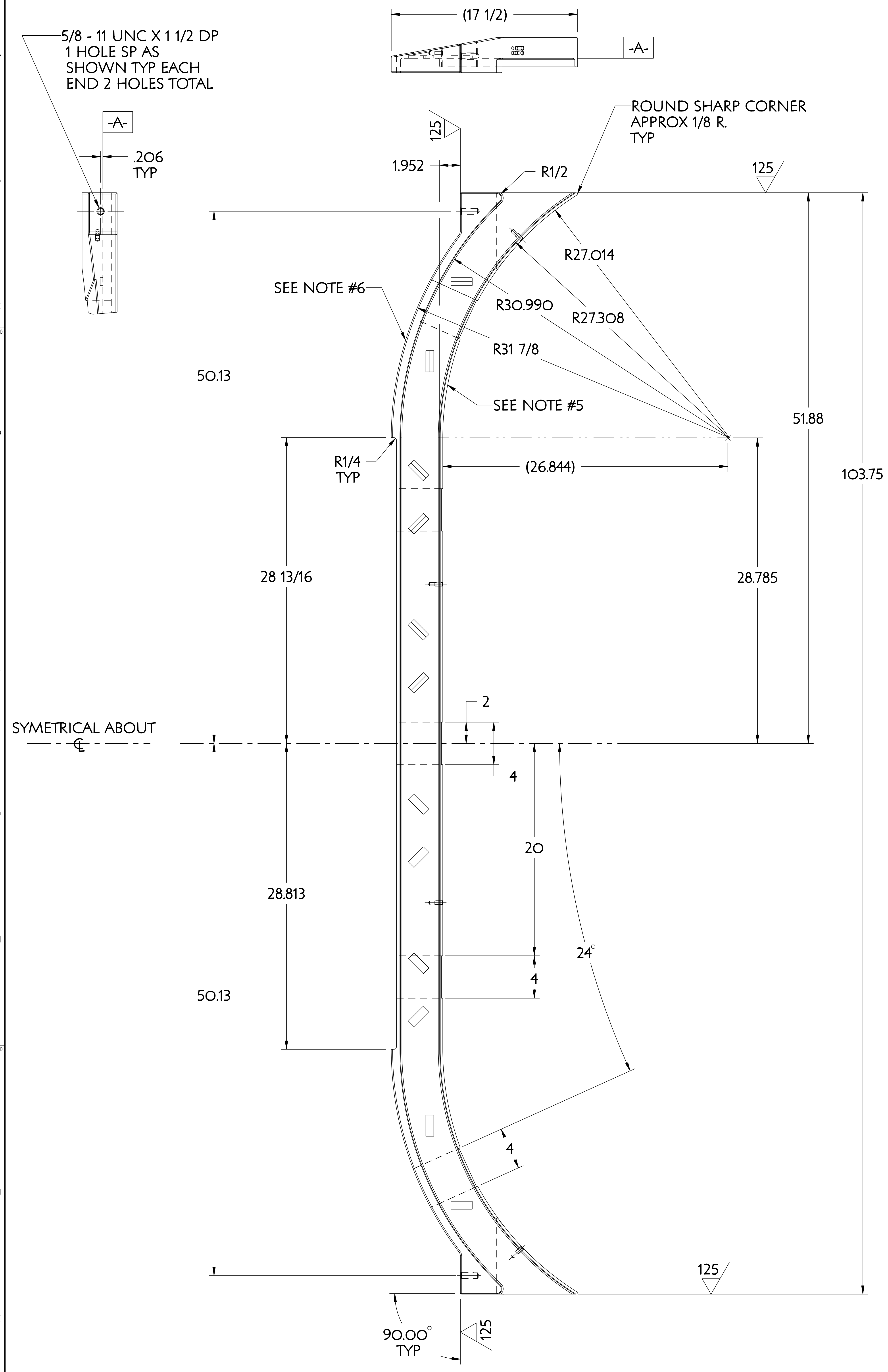


NO.	REVISION	BY	CH	SUP	APPROVED	DATE



5/8 - 11 UNC X 1 1/2 DP
1 HOLE SP AS
SHOWN TYP EACH
END 2 HOLES TOTAL

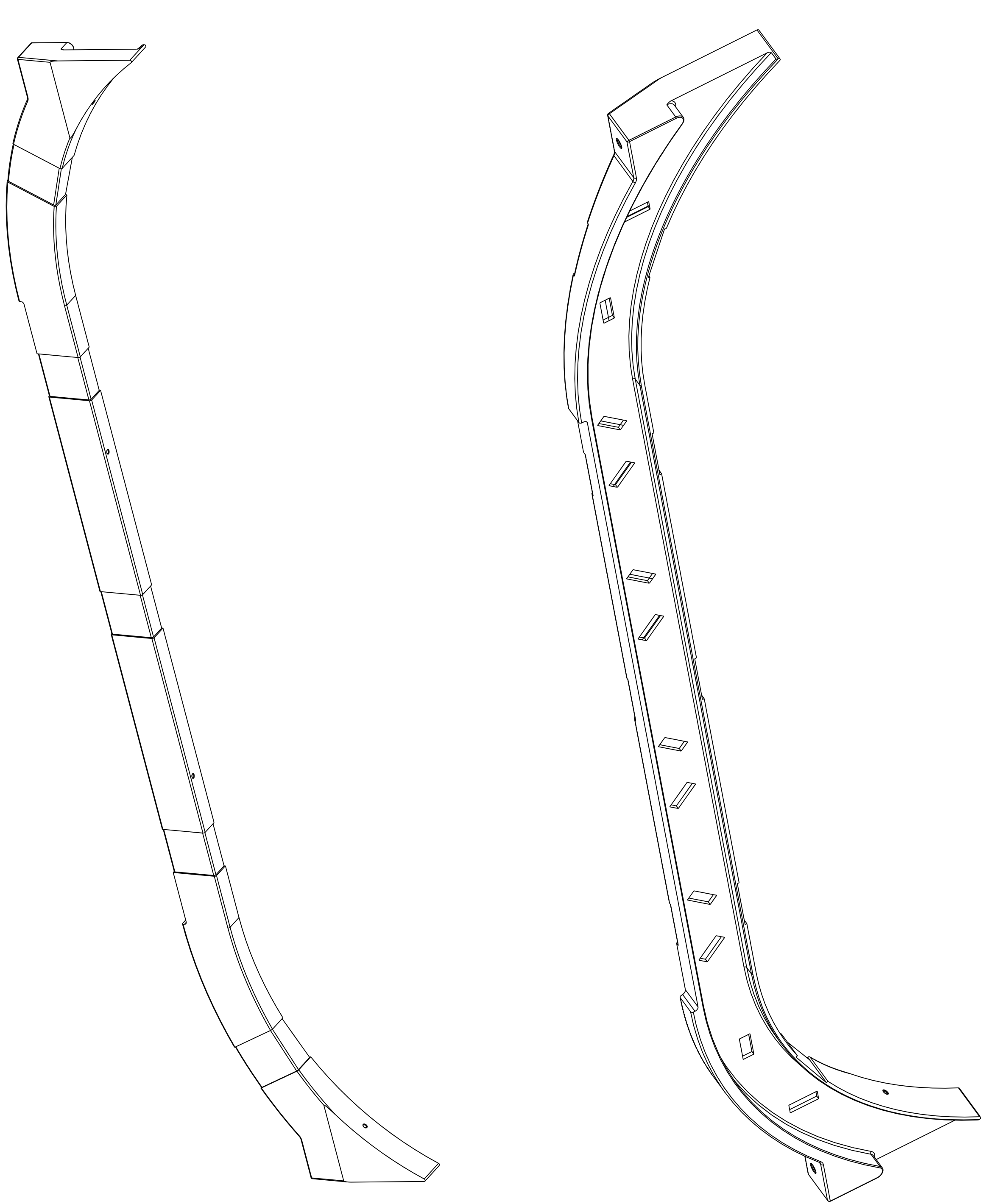
ROUND SHARP CORNER
APPROX 1/8 R.
TYP

SYMMETRICAL ABOUT

**RELEASED FOR
FABRICATION / INSTALLATION**
PPPL Drafting:

NOTES:

1. DIMENSIONS ARE IN INCHES
2. SEE SPECIFICATION, NCSX-CSPEC-131-03, FOR ADDITIONAL REQUIREMENTS.
3. GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES SE131-085.PRT
4. DRAWING AND CAD MODEL COMBINED DEFINE PART.
5. MACHINED FINISHED SURFACES TO CAD DATA. PROFILE TO BE WITHIN .020 UNLESS OTHERWISE SPECIFIED. PROFILE TOLERANCE IS BILATERAL ie 0.010 EITHER SIDE OF THE REFERENCED SURFACE.
6. AS-CAST SURFACES SHOWN IN NOMINAL MATERIAL CONDITION, THICKNESS TOLERANCE +/- 0.13.
7. SPOTFACE MIN. DIA/DEPTH AS REQ'D.
8. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMPERATURE 80° K.



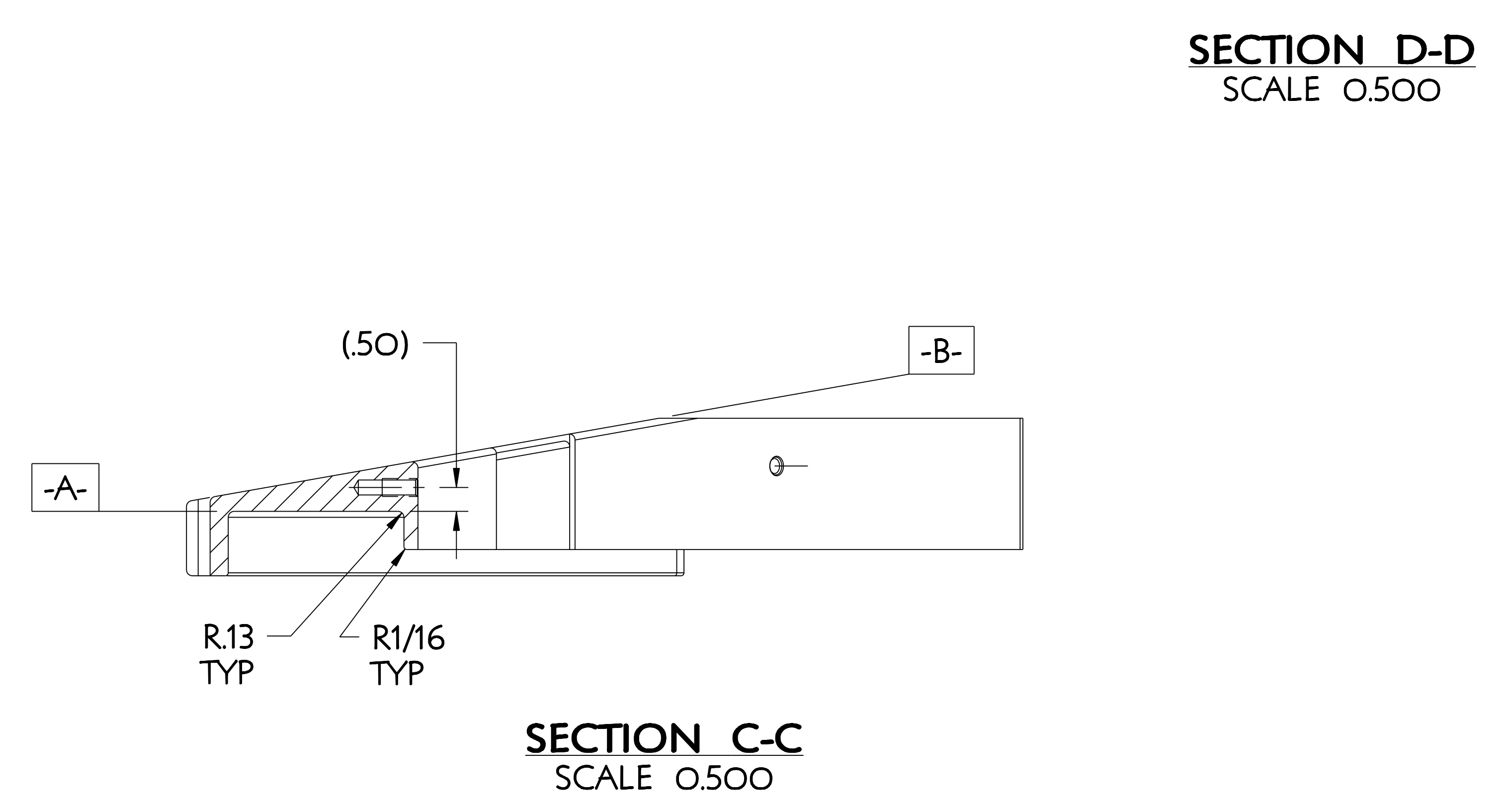
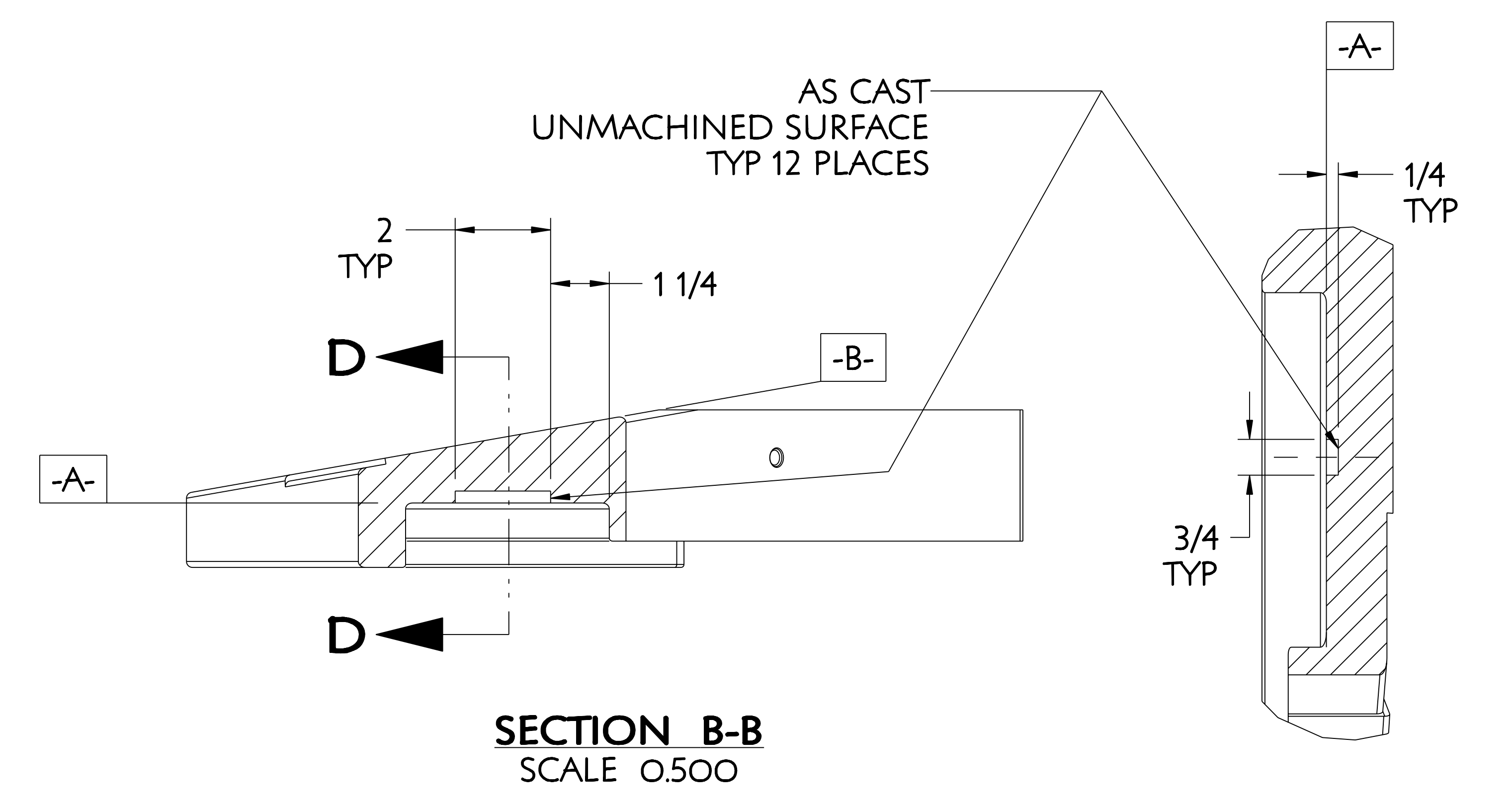
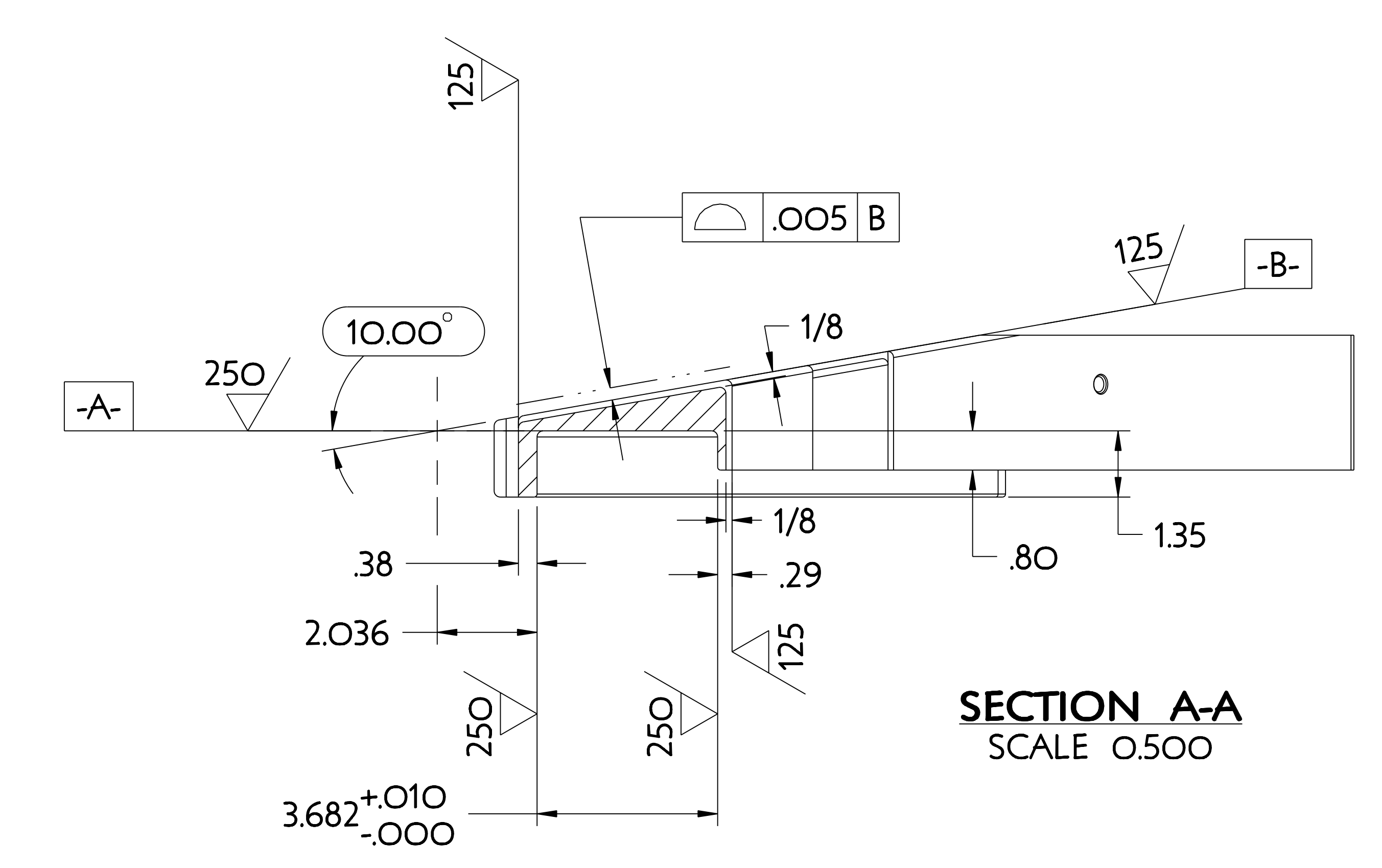
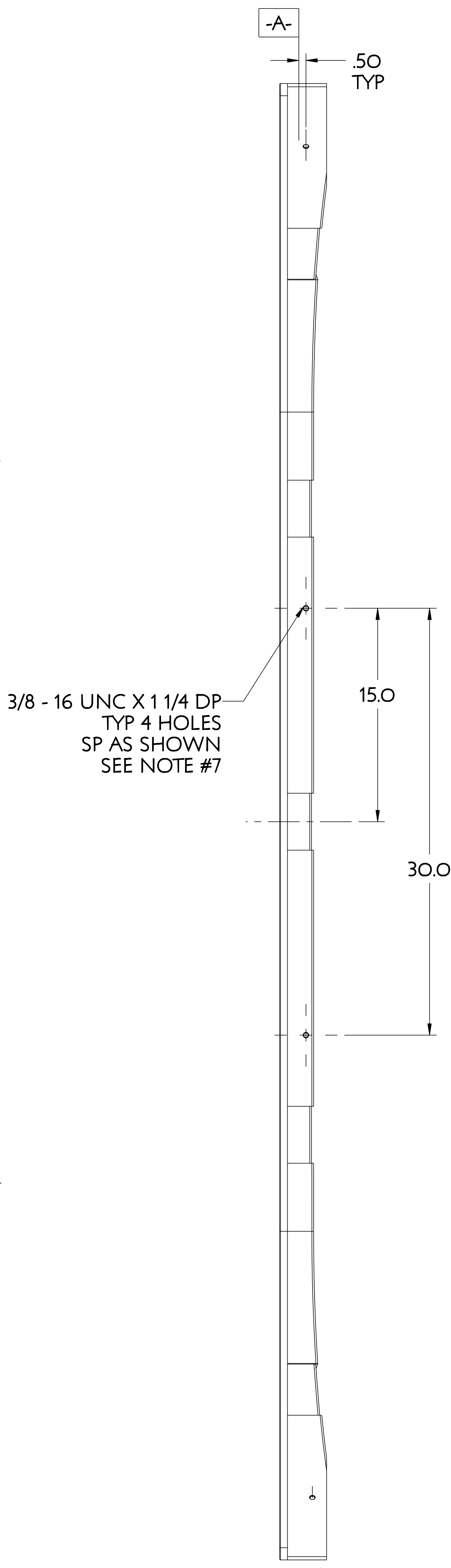
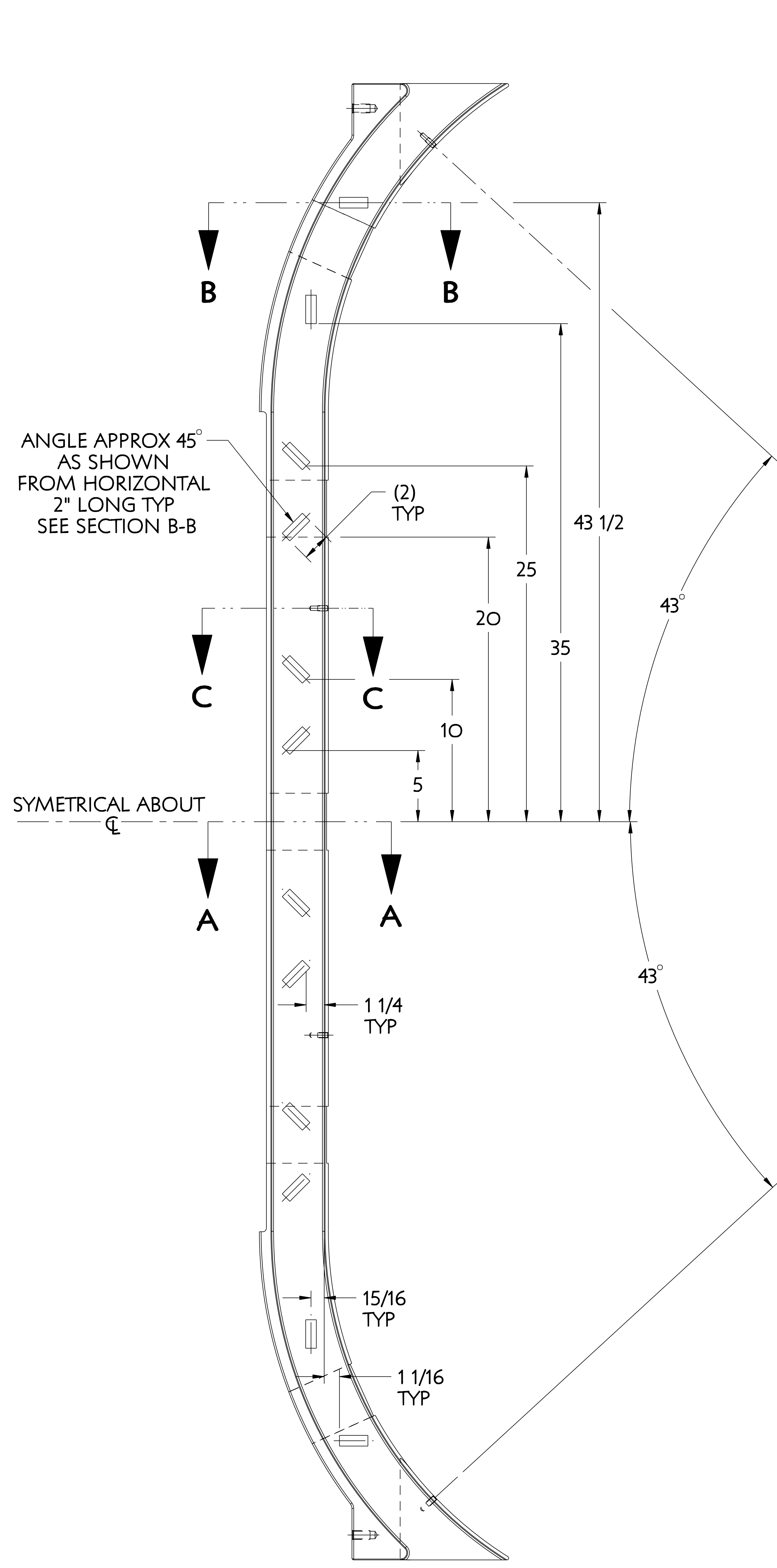
RELEASE LEVEL: Fabrication
DWG VERSION NO: 2

WEIGHT	179.3 lbs
MODEL NAME	SE131-085
WELDING ENGINEER	

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REOD
SE131-085		TF COIL NOSE CASTING	STN STL	36
PARTS LIST				
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED		CENTRAL FILES: UNLESS OTHERWISE SPECIFIED		
Pr o E		PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLARATOR EXPERIMENT		
DO NOT VERIFY INFORMATION BY SCALING DRAWING		DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020		
SCALE 0.250		TOLERANCES NON-CUMULATIVE		
NEXT ASSEMBLY		DECIMAL-INCH FRACTIONS		
		.X +/- .100 0°-120° +/- .125		
		.XX +/- .030 120°-120° +/- .125		
		.XXX +/- .005 120°-120° +/- .125		
		ANGULAR +/- .0°-15° OVER 120° +/- .125		
		DSN: J. RUSHINSKI 8/01/05 DRAWING NO:		
		CHK: M. KALISH 8/01/05 SE131-085		
		ENGR: M. KALISH 8/01/05		
		SUPV: J. SIEGEL 8/01/05 SHEET 1 OF 2 REV 0		

NCSX-SE131-085

NO.	REVISION	BY	CH	SUP	APPROVED	DATE



RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

RELEASE LEVEL: Fabrication
DWG VERSION NO: 2

WEIGHT
179.3 lbs

MODEL NAME
SE131-085

WELDING ENGINEER

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY	REOD
PARTS LIST					
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED		CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLARATOR EXPERIMENT		
DO NOT VERIFY INFORMATION BY SCALING DRAWING		DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	STELLARATOR CORE CONVENTIONAL COILS TF COIL NOSE CASTING MACHINING		
SCALE 0.250 NEXT ASSEMBLY		TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS	DSN: J. RUSHINSKI CHK: M. KALISH ENGR: M. KALISH SUPV: J. SIEGEL	8/01/05 8/01/05 8/01/05 8/01/05	DRAWING NO: SE131-085 SHEET 2 OF 2 REV 0

NCSX-SE131-085