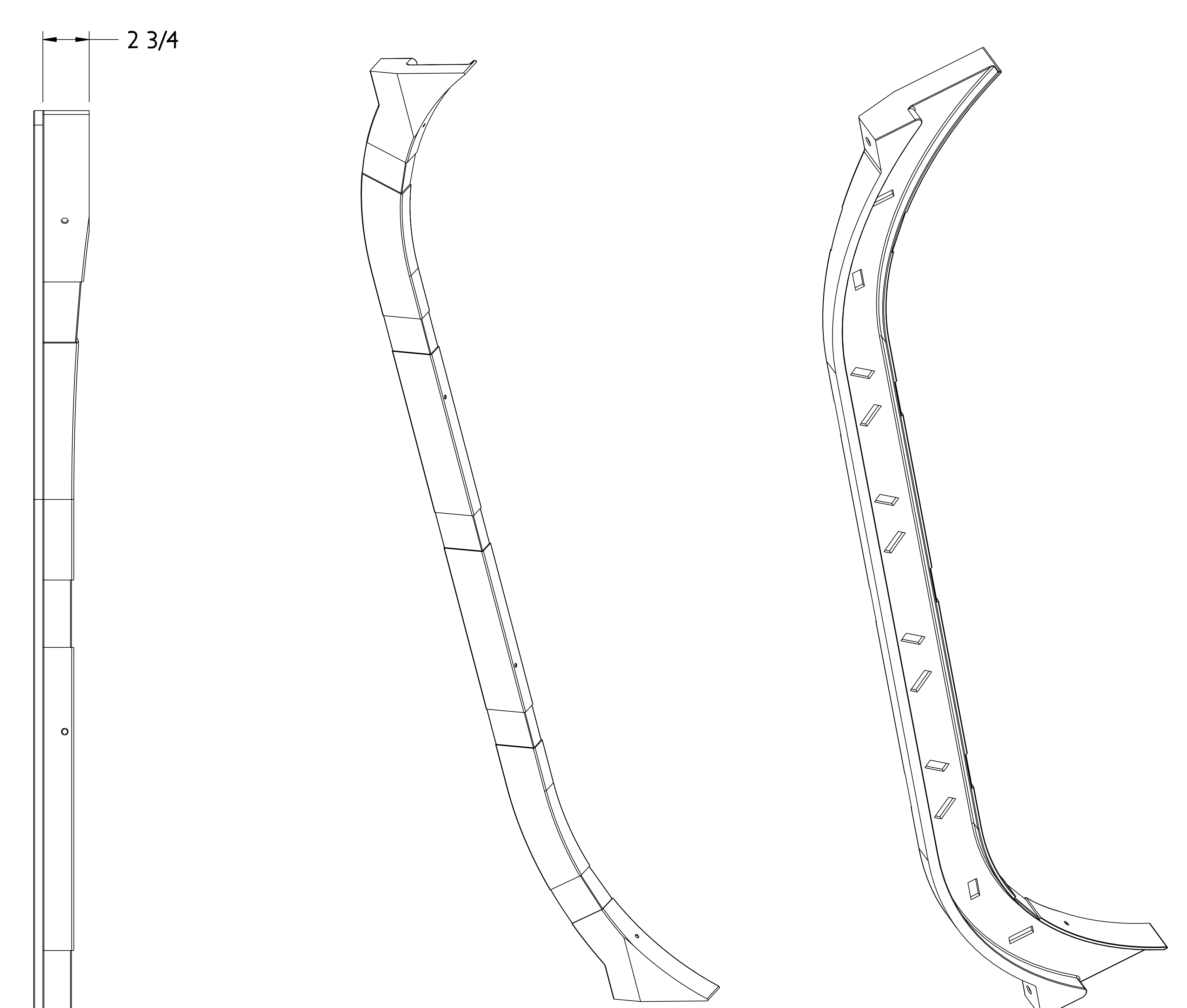
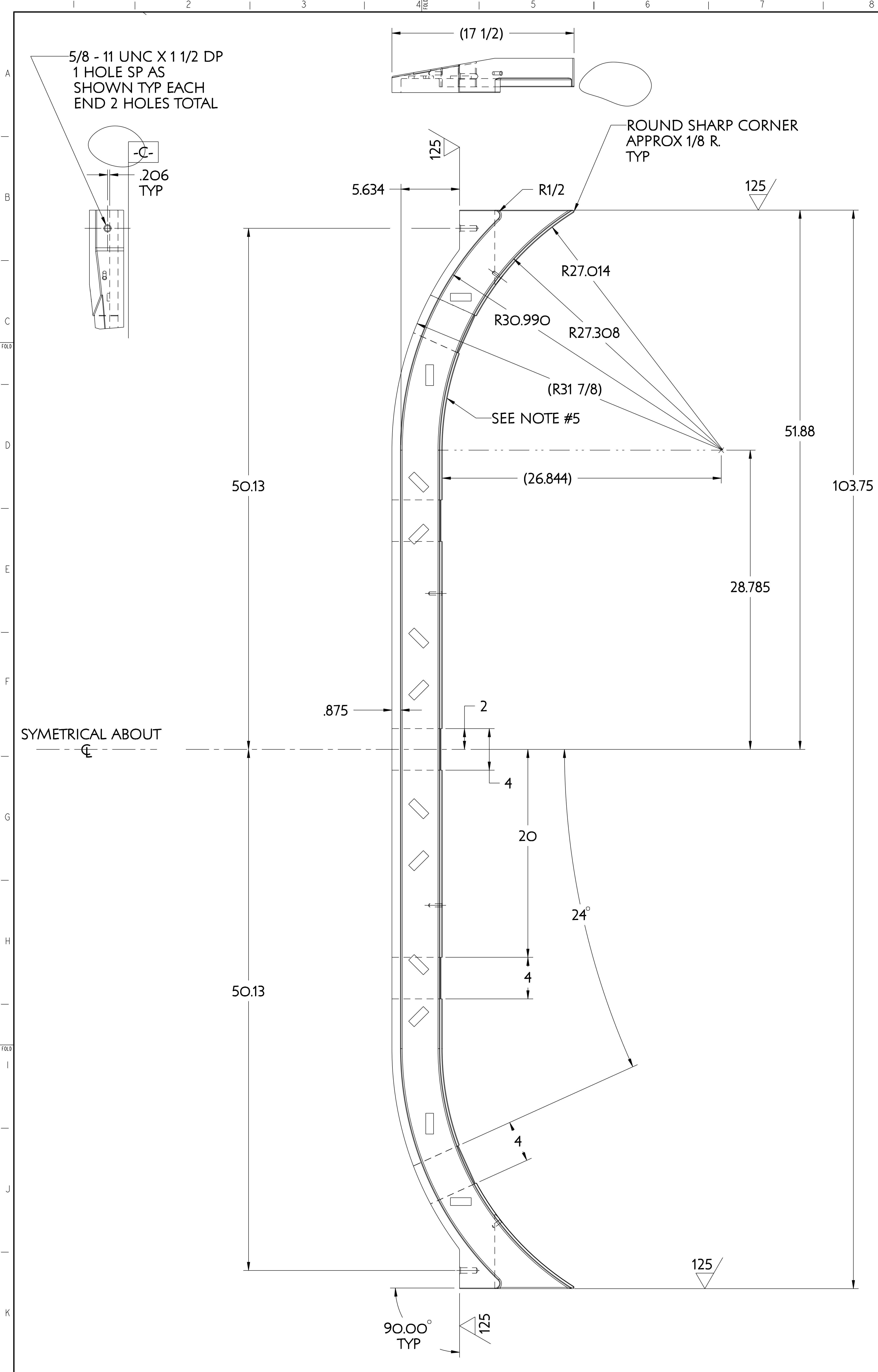


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN #5073	JDR	MK	JS	M. KALISH	2/03/06



NOTES:

1. DIMENSIONS ARE IN INCHES
2. SEE SPECIFICATION, NCSX-CSPEC-131-03 IF CASTING PROCESS IS USED TO MANUFACTURE. SEE SPECIFICATION NCSX-CSPEC-131-04 IF WELDMENT PROCESS IS USED TO MANUFACTURE.
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.
7. SPOTFACE MIN. DIA/DEPTH AS REQ'D.
8. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMPERATURE 80° K.

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

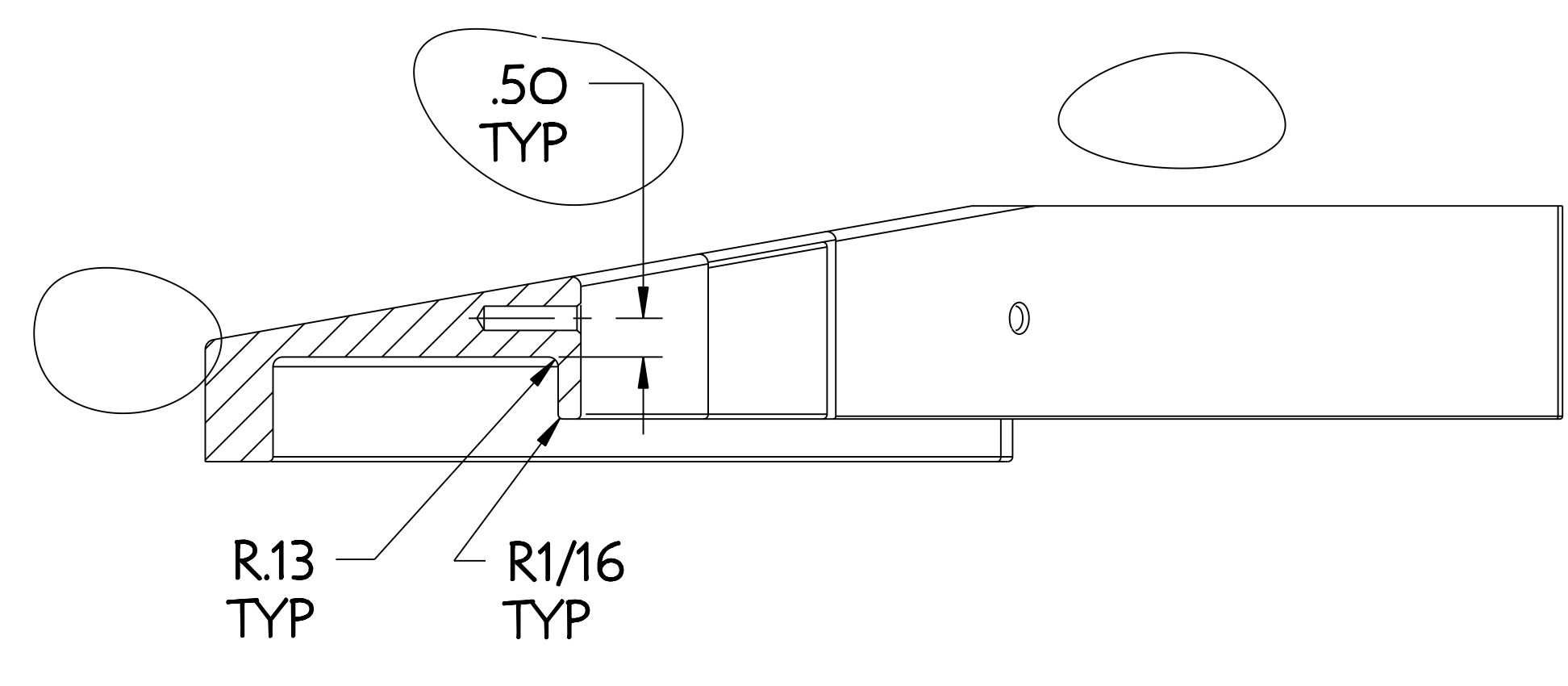
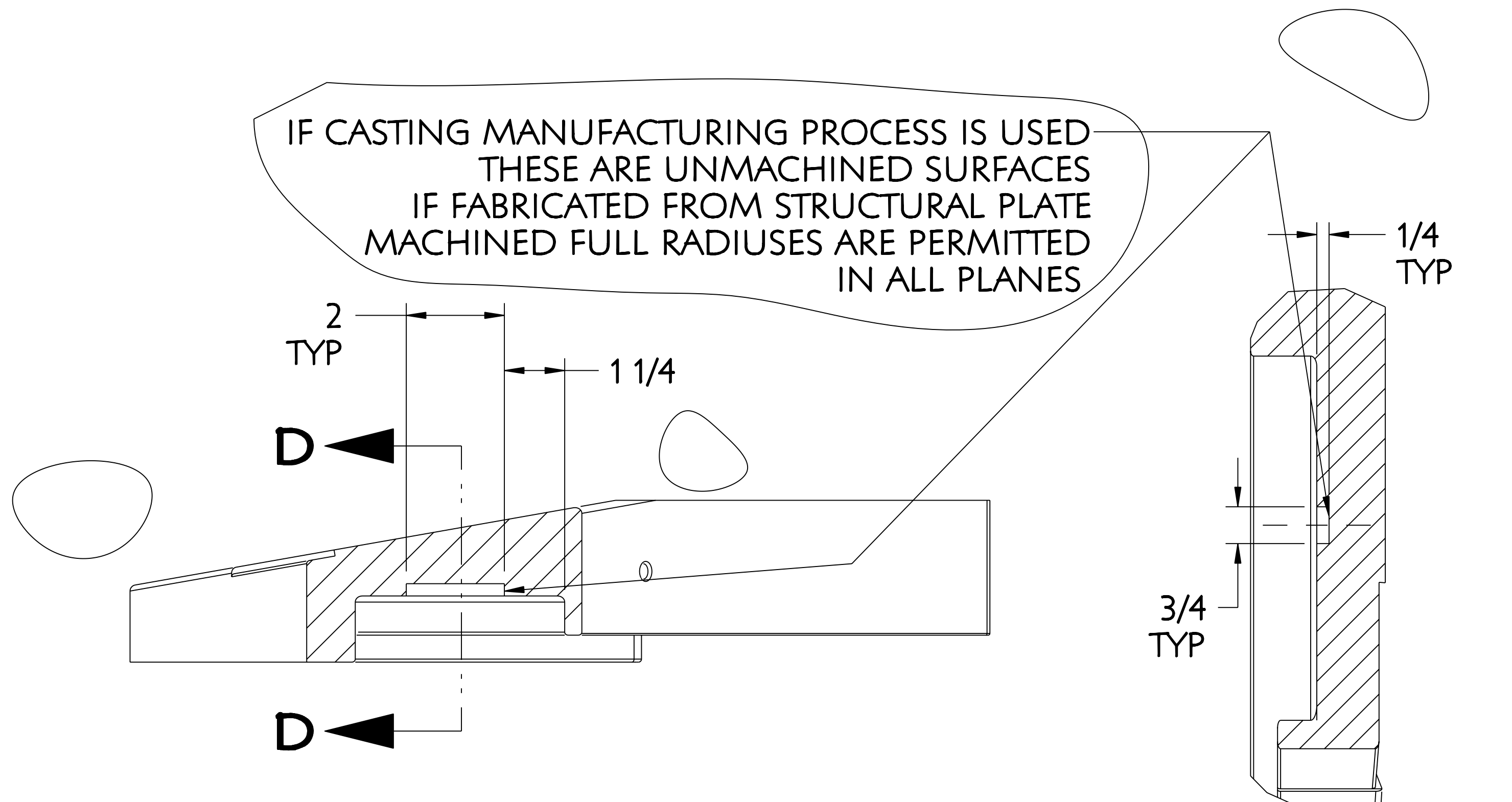
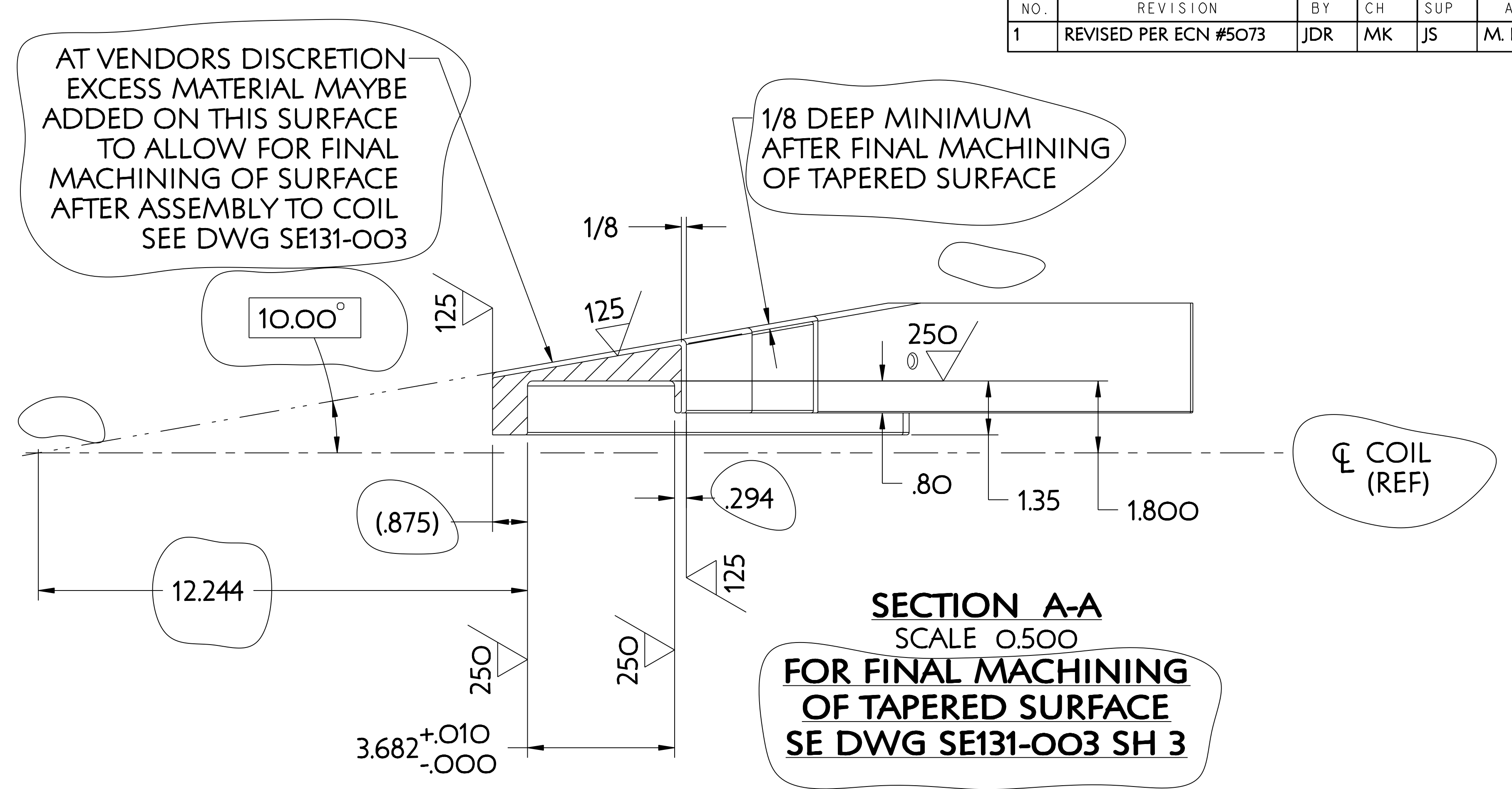
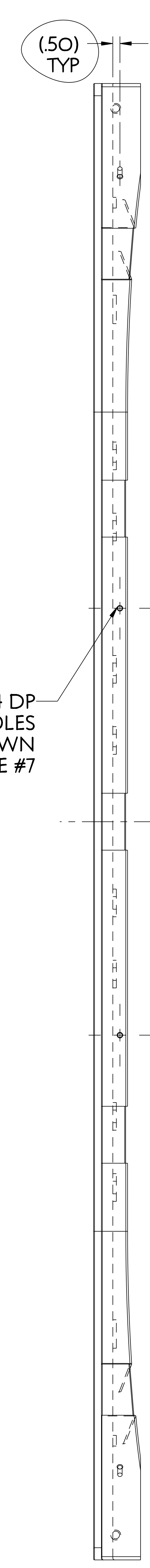
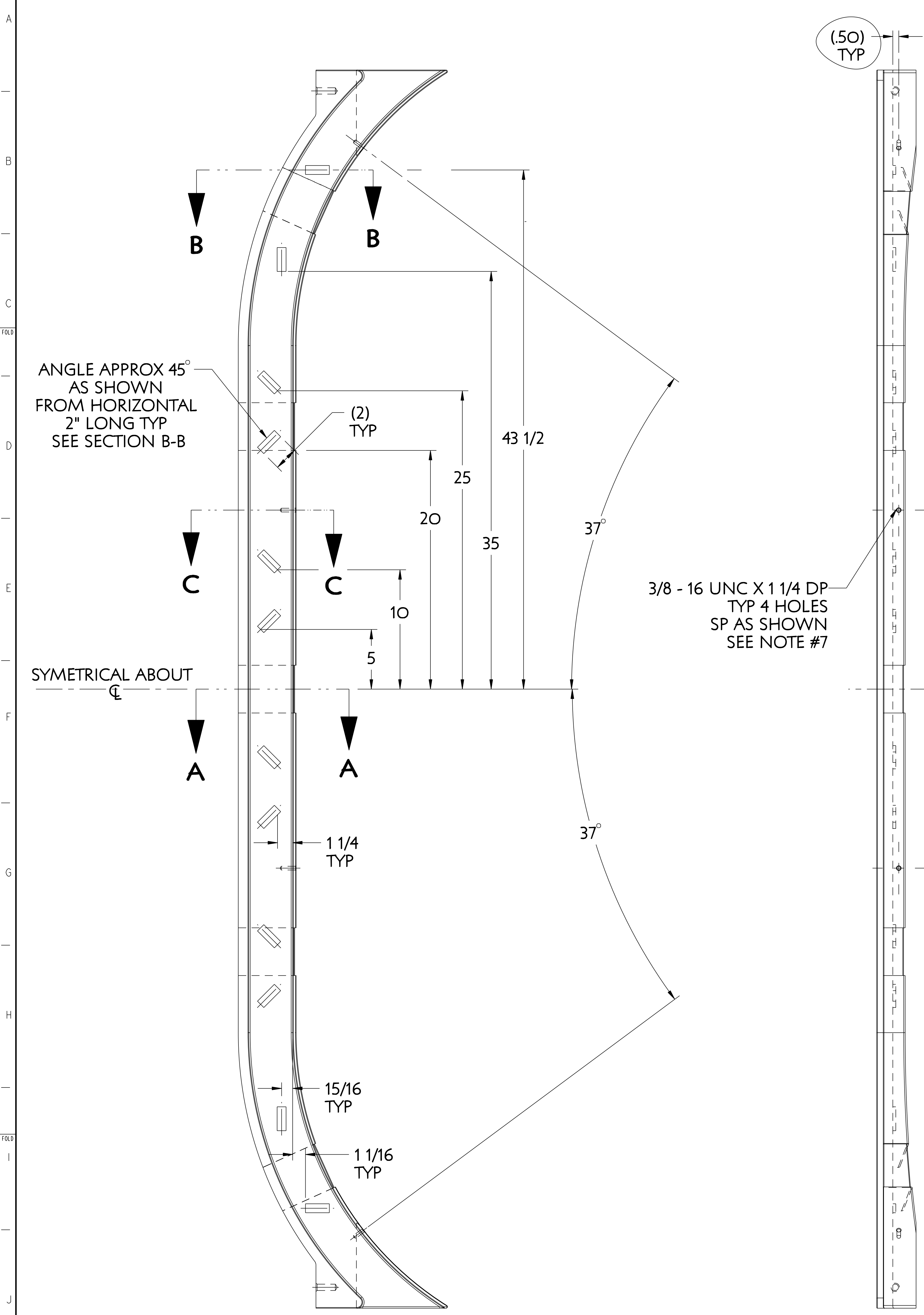
RELEASE LEVEL: FABRICATION
DWG VERSION NO: 0

WEIGHT	192.4 lbs
MODEL NAME	SE131-085
WELDING ENGINEER	

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY RECD
I	SE131-085	TF COIL WEDGE STRUCTURE	STN STL	36
PARTS LIST				
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED		CENTRAL FILES: PRINCETON PLASMA PHYSICS LABORATORY UNLESS OTHERWISE SPECIFIED 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: DSN: J. RUSHINSKI 8/01/05 DRAWING NO: SE131-085		
		.XX +/- .000 0°-120° +/- .010 .XXX +/- .005 12°-120° +/- .010 ANGULAR +/- .0°-15° OVER 120° +/- .125		
		CHK: M. KALISH 8/01/05 ENGR: M. KALISH 8/01/05 SUPV: J. SIEGEL 8/01/05		
		SHEET 1 OF 2 REV 1		

NCSX-SE131-085

NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN #5073	JDR	MK	JS	M. KALISH	2/03/06



RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting

RELEASE LEVEL: FABRICATION
DWG VERSION NO: 0

WEIGHT
192.4 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 PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT			
DO NOT VERIFY INFORMATION BY SCALING DRAWING	SCALE 0.250	STELLARATOR CORE CONVENTIONAL COILS TF COIL WEDGE STRUCTURE DETAIL			
PRO E	TOLERANCES NON-CUMULATIVE	DSN: J. RUSHINSKI	8/01/05	DRAWING NO:	
DECIMAL-INCH FRACTIONS	CHK: M. KALISH	8/01/05	SE131-085		
XX +/- .000 0°-120° +/- 1/16	ENGR: M. KALISH	8/01/05	SHEET 2 OF 2		
XXX +/- .005 72°-120° +/- 1/16	SUPV: J. SIEGEL	8/01/05	REV 1		
ANGULAR +/- 0°-15° OVER 120° +/- 1/16					

NCSX-SE131-085