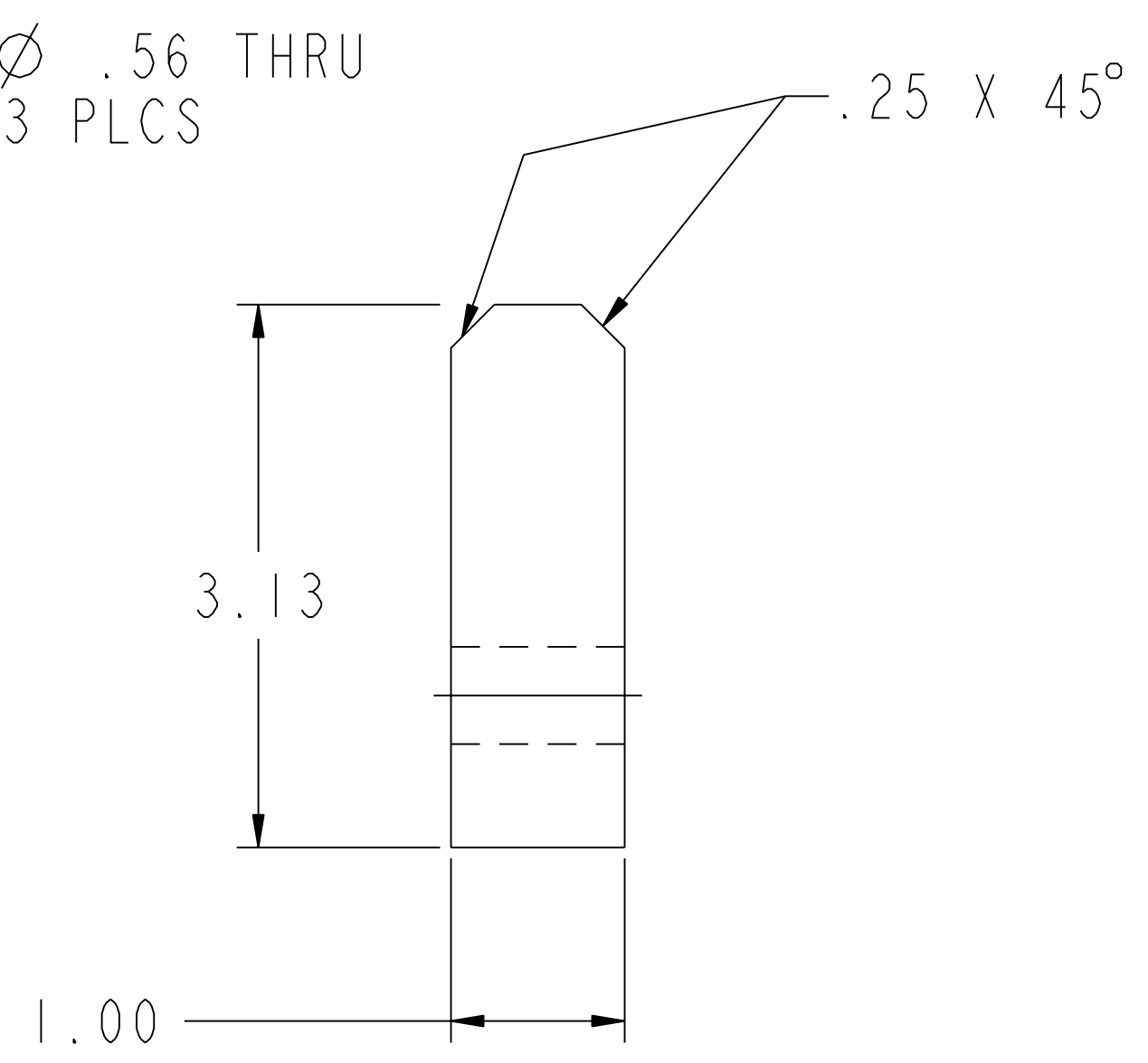
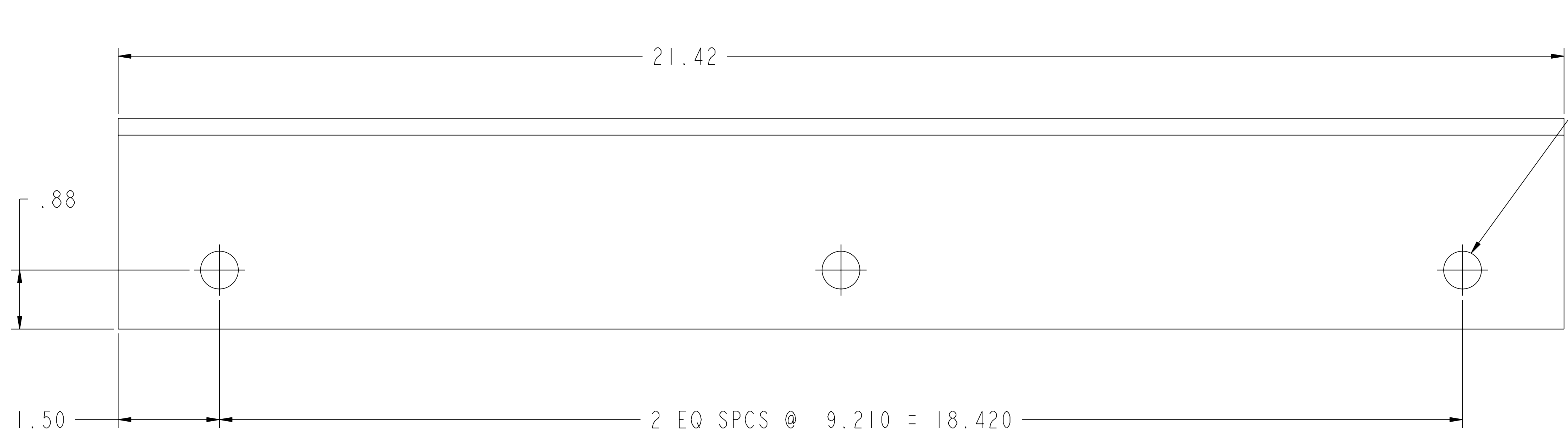
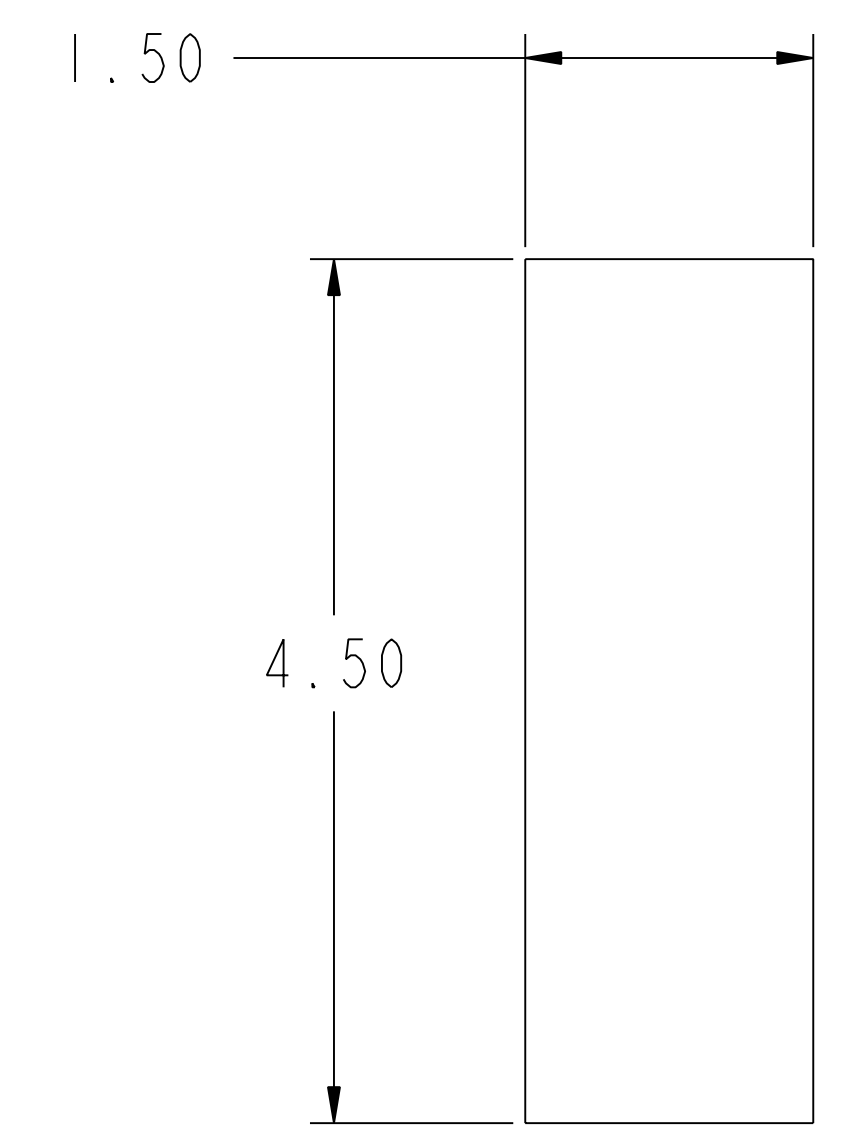
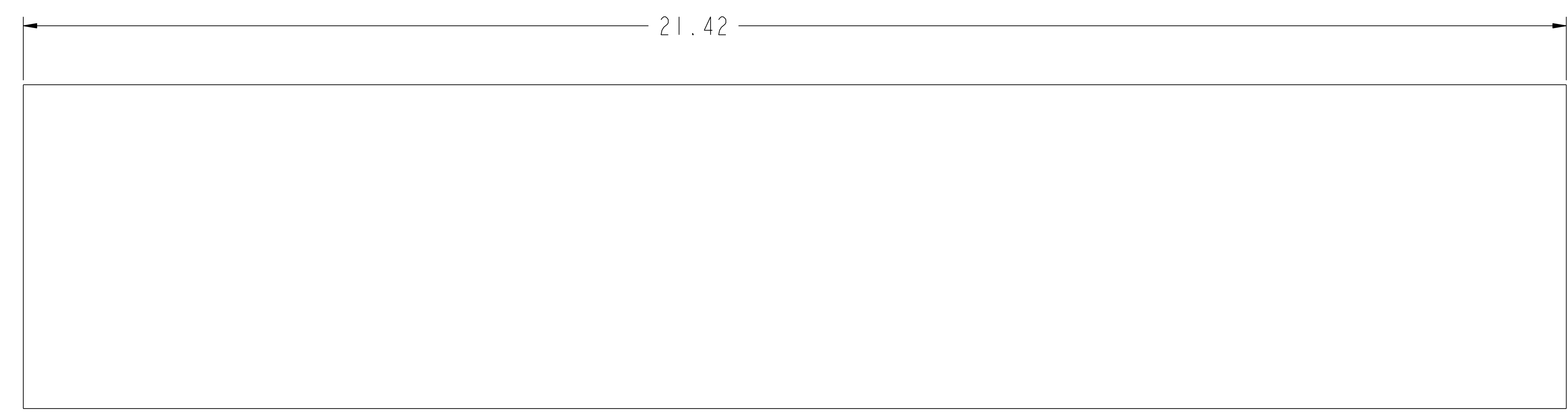


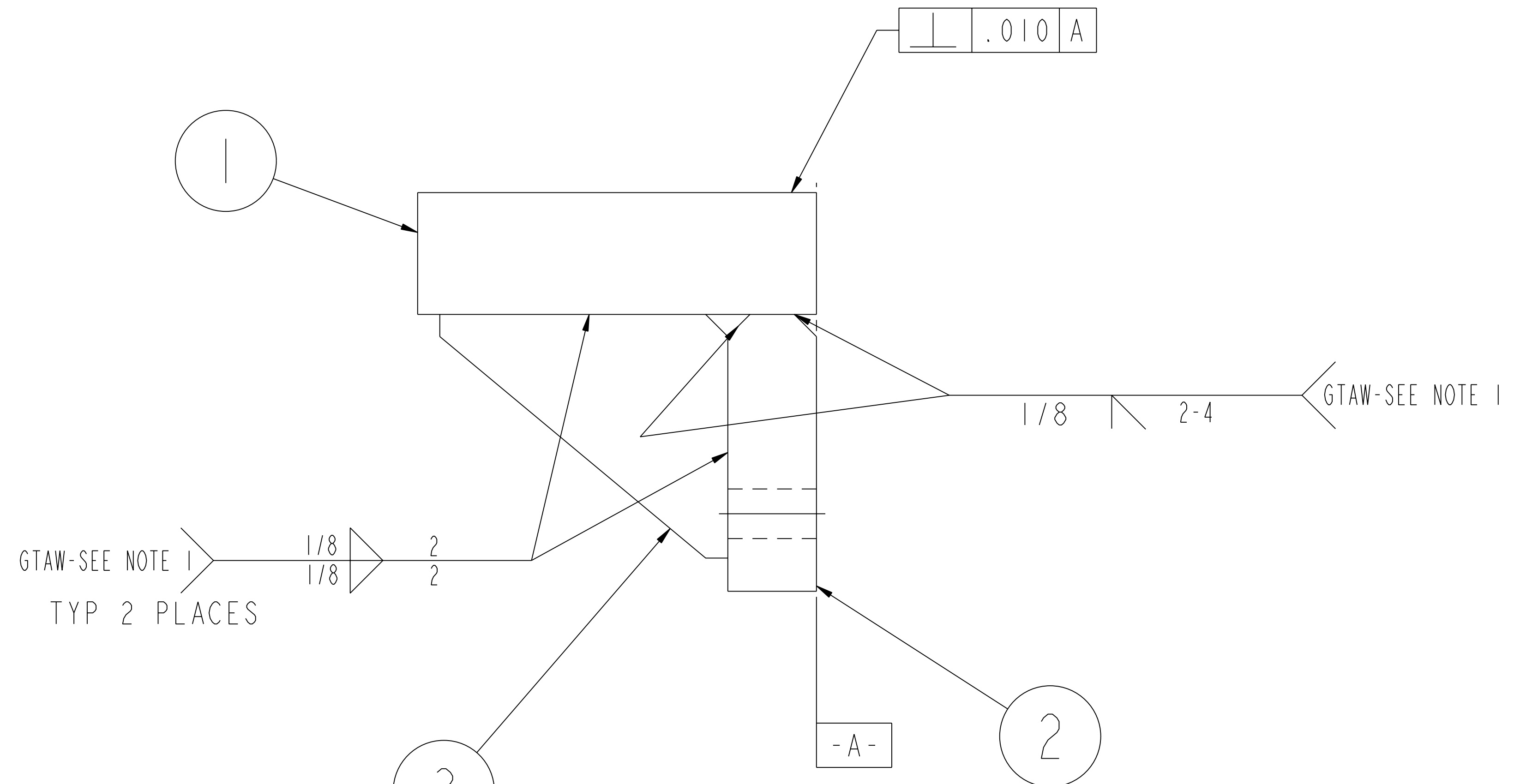
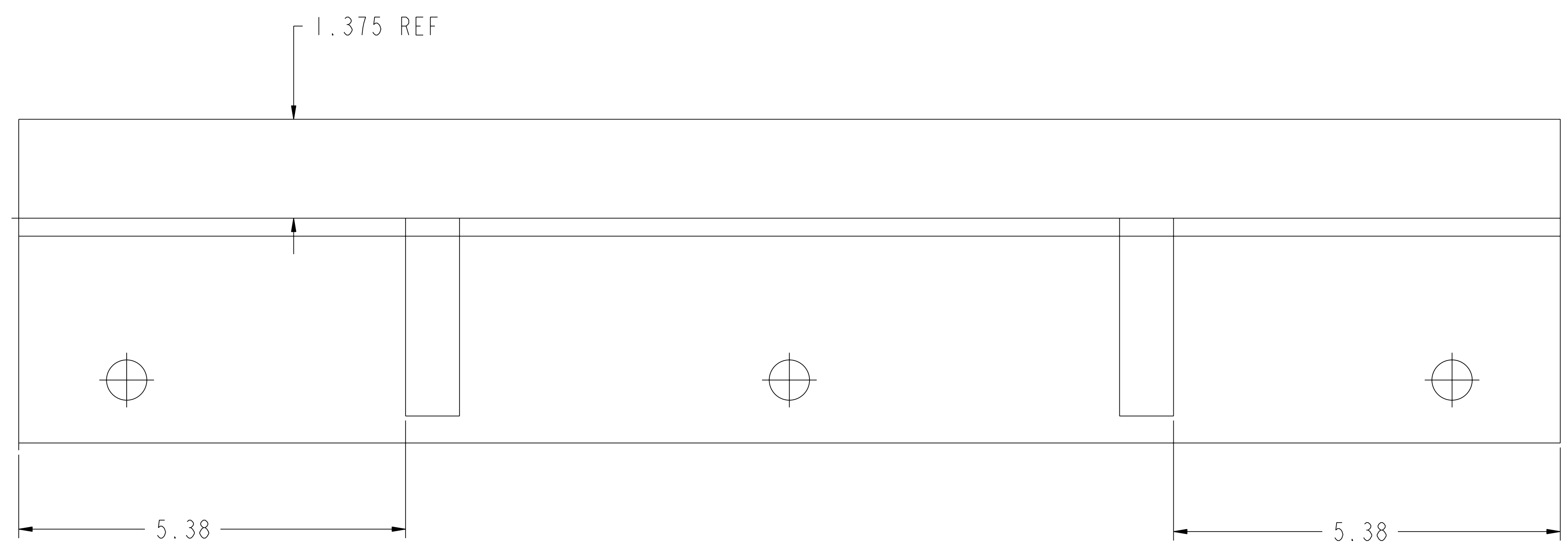
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



1



2



01

MANDREL ASSEMBLY
SCALE 1.000

- NOTES:
1. WELDING PROCESSES AND WELDERS SHALL BE QUALIFIED PER ASME SECT IX AND PPPL SPEC EM002. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF AWS D1.1.
 2. BREAK ALL SHARP EDGES AND CORNERS.

**RELEASED FOR
FABRICATION / INSTALLATION**

PPPL Drafting:

2	3	SE1312-033-2	MANDREL GUSSET	CS
1	2	SE1312-031-1	VERTICAL PLATE STRAIGHT SECTION	CS
1	1	SE1312-031-2	HOR. PLATE STRAIGHT SECTION	CS
1	----	THIS DWG	SHORT STRAIGHT SECTION ASSY	----
ASSY QTY	PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL
PARTS LIST				
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED		CENTRAL FILES: UNLESS OTHERWISE SPECIFIED		
Pro E		PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT		
DO NOT VERIFY INFORMATION BY SCALING DRAWING		DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020		
NEXT ASSEMBLY		TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX +/- .000 0°-120° +/- .010 .XXX +/- .005 120°-120° +/- .010 ANGULAR +/- 0°-15° OVER 120° +/- .125		
WEIGHT 1238.5 lbs		DSN: G. STEILL 07/12/05 DRAWING NO: CHK: M. KALISH 07/12/05 ENGR: J. CHRZANOWSKI 07/12/05 SUPV: J. SIEGEL 07/12/05		
MODEL NAME SE1312-031		IF COIL MANDREL STRAIGHT SECTION (SHORT) ASSEMBLY		
WELDING ENGINEER R. KEILBACH		SHEET 1 OF 1 REV		
RELEASE LEVEL: Fabrication DWG VERSION NO: 3		SE1312-031		

NCSX-SE1312-031