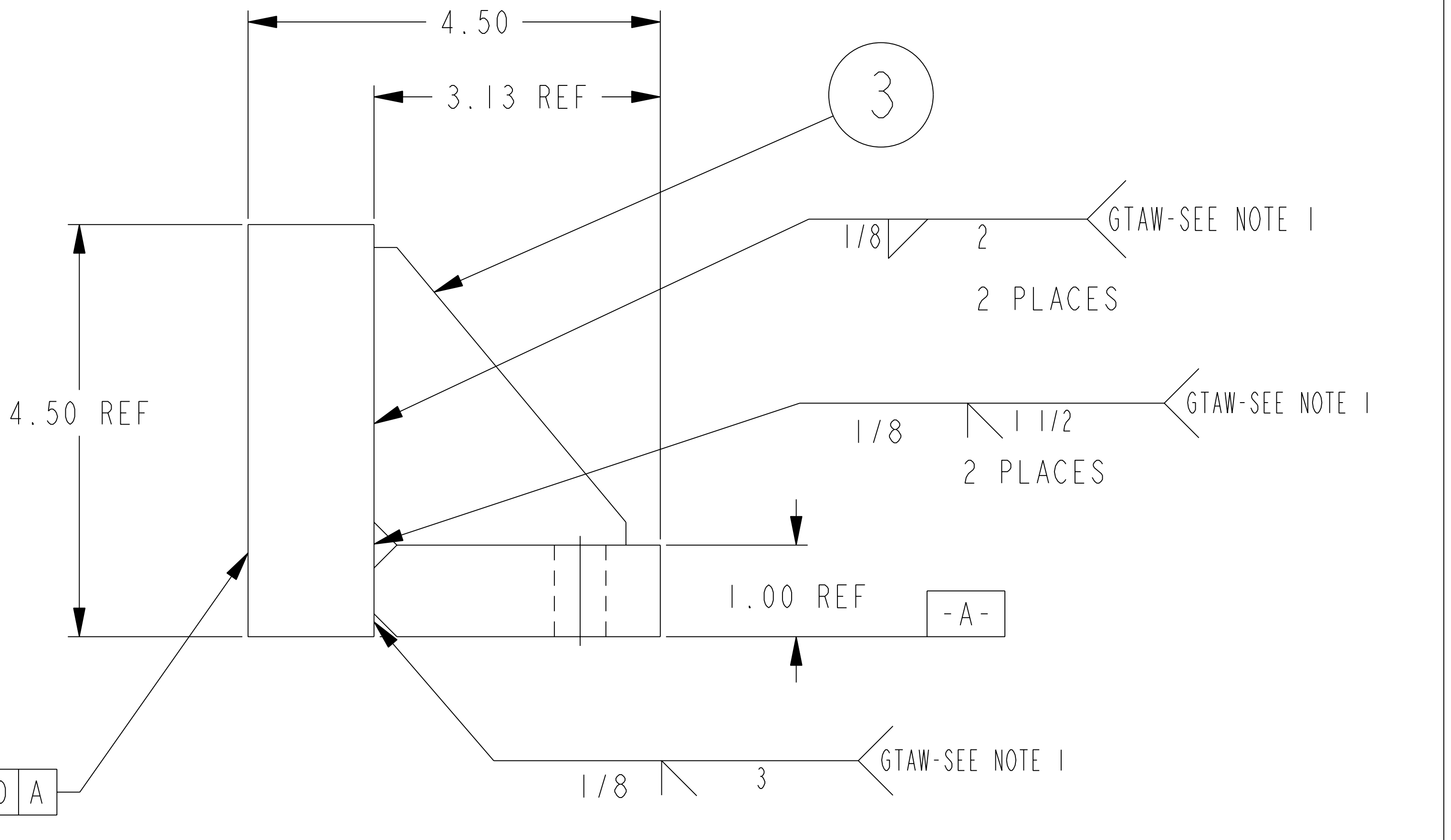
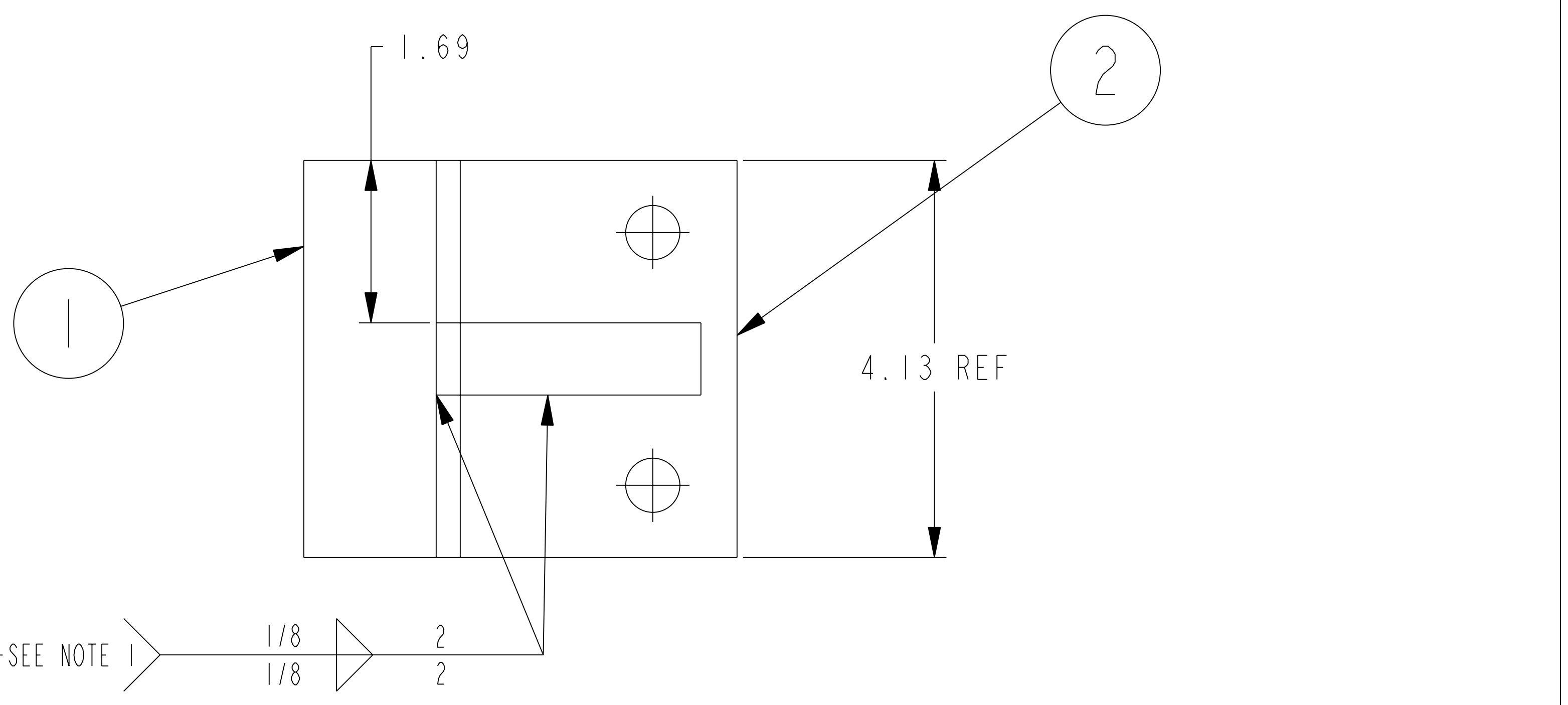
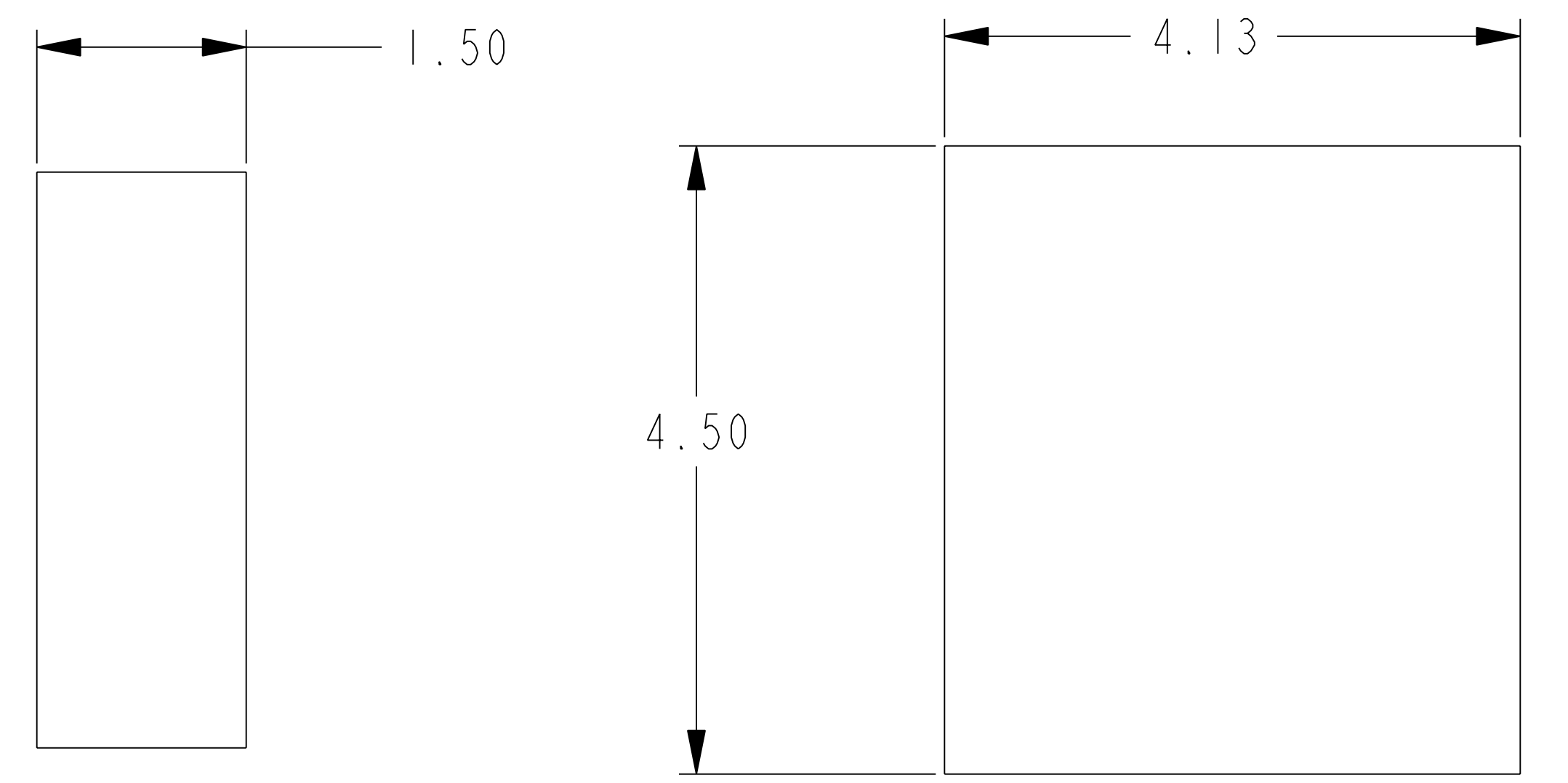


NO.	REVISION	BY	CH	SUP	APPROVED	DATE



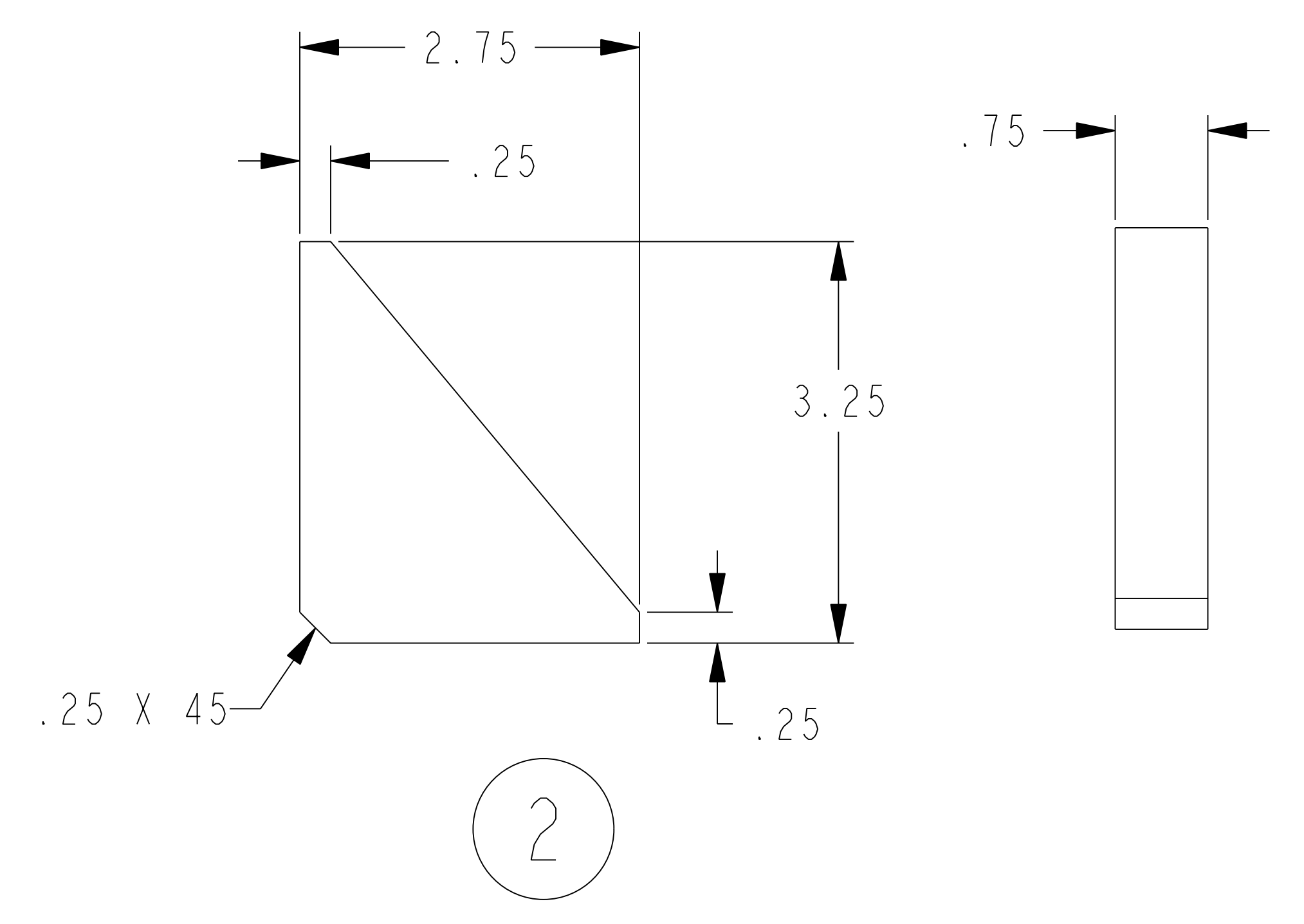
01

MANDREL WELDMENT



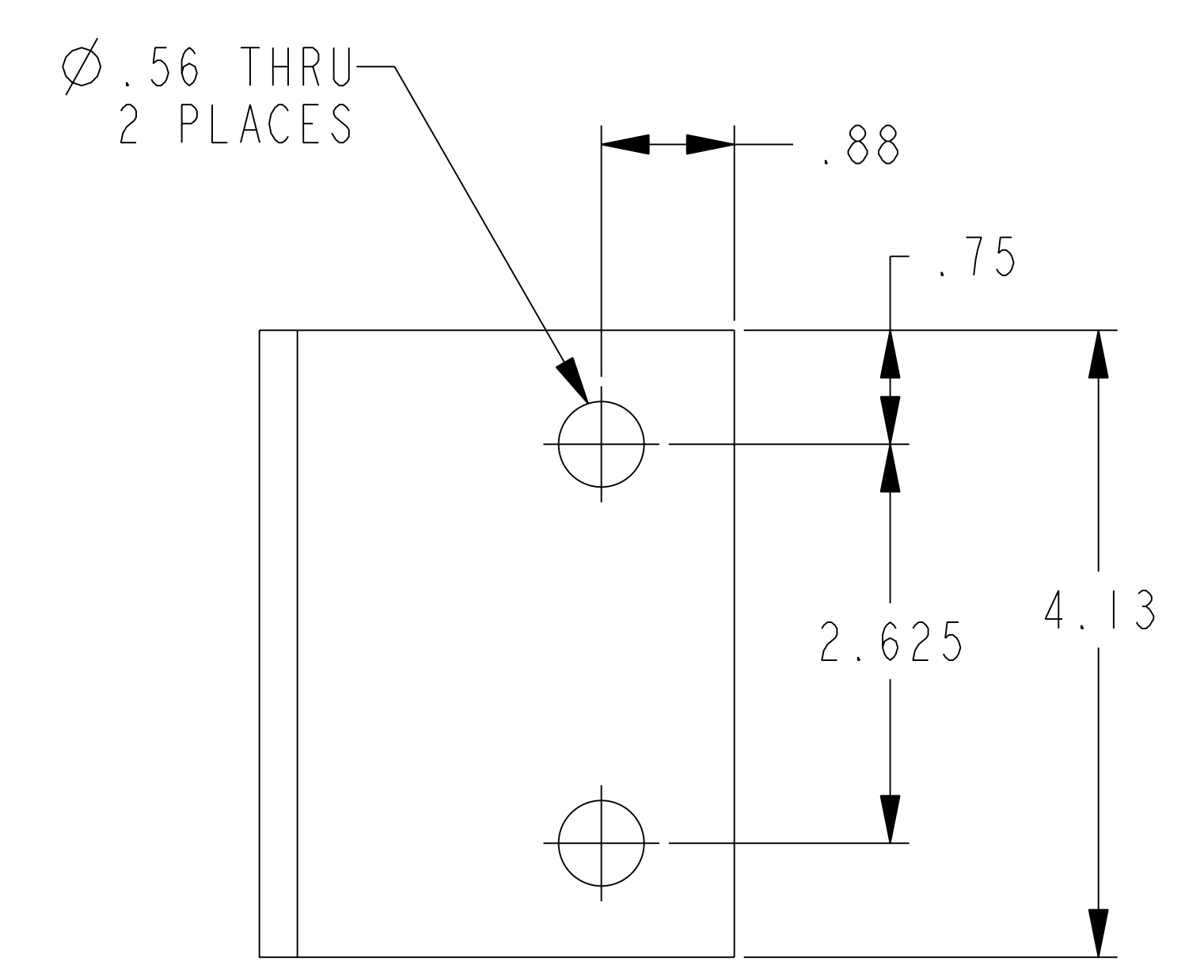
01

VERTICAL PLATE



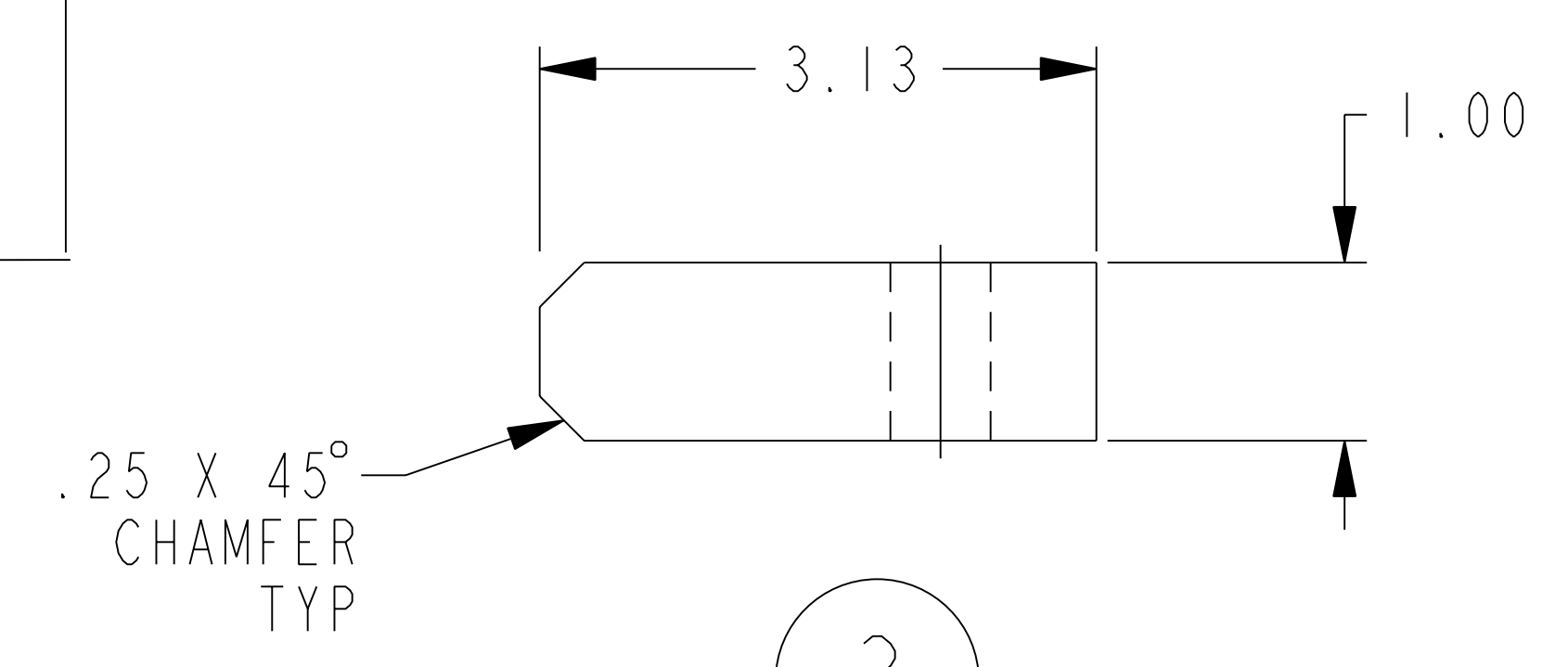
02

MANDREL GUSSET



03

HORIZONTAL PLATE



RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

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 D1.3.
2. BREAK ALL SHARP EDGES AND CORNERS.

WEIGHT	1238.5 lbs
MODEL NAME	SE1312-033
WELDING ENGINEER	BOB KIELBACH

RELEASE LEVEL: Fabrication
DWG VERSION NO: 3

ASSY QTY	PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL
	1 3	SE1312-033-3	HORIZONTAL PLATE STRAIGHT SECTION	CS
	1 2	SE1312-033-2	MANDREL GUSSET	CS
	1 1	SE1312-033-1	VERTICAL PLATE STRAIGHT SECTION	CS
	2	THIS DWG	MANDREL ASSEMBLY STRAIGHT SECTION	-----

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	DIMENSIONS ARE IN INCHES MACHINE SURFACES UNLESS OTHERWISE SPECIFIED	IF COIL MANDREL STRAIGHT SECTION TOP & BOTTOM		
PRO E	TOLERANCES NON-CUMULATIVE	DSN: G. STEILL	07/12/05	DRAWING NO:
NEXT ASSEMBLY	DECIMAL-INCH FRACTIONS	CHK: M. KALISH	07/12/05	SE1312-033
	.XX +/- .000	ENGR: J. CHRZANOWSKI	07/12/05	
	.XXX +/- .005	SUPV: J. SIEGEL	07/12/05	SHEET 1 OF 1
	ANGULAR +/- .015			REV

NCSX-SEI 1312-033