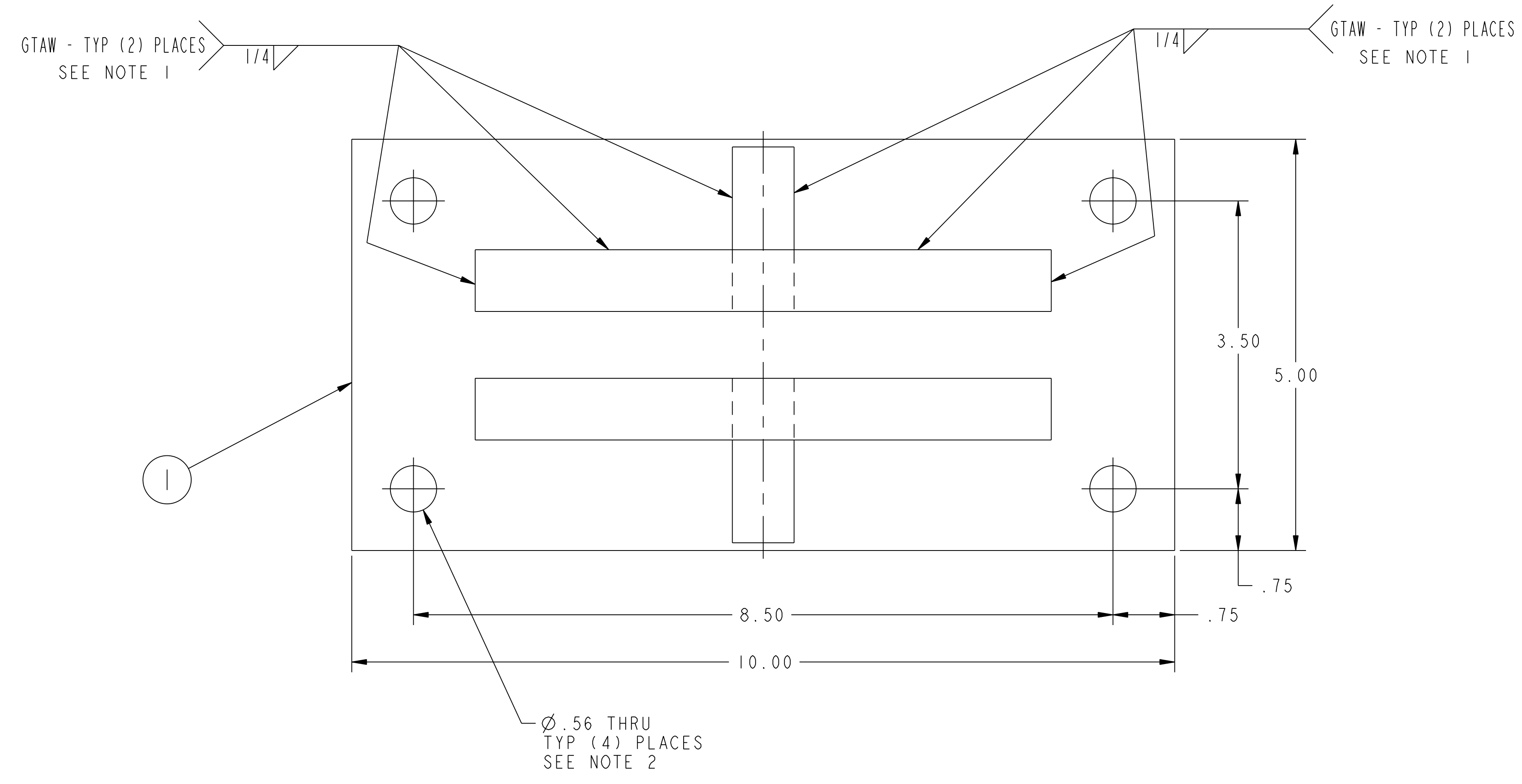
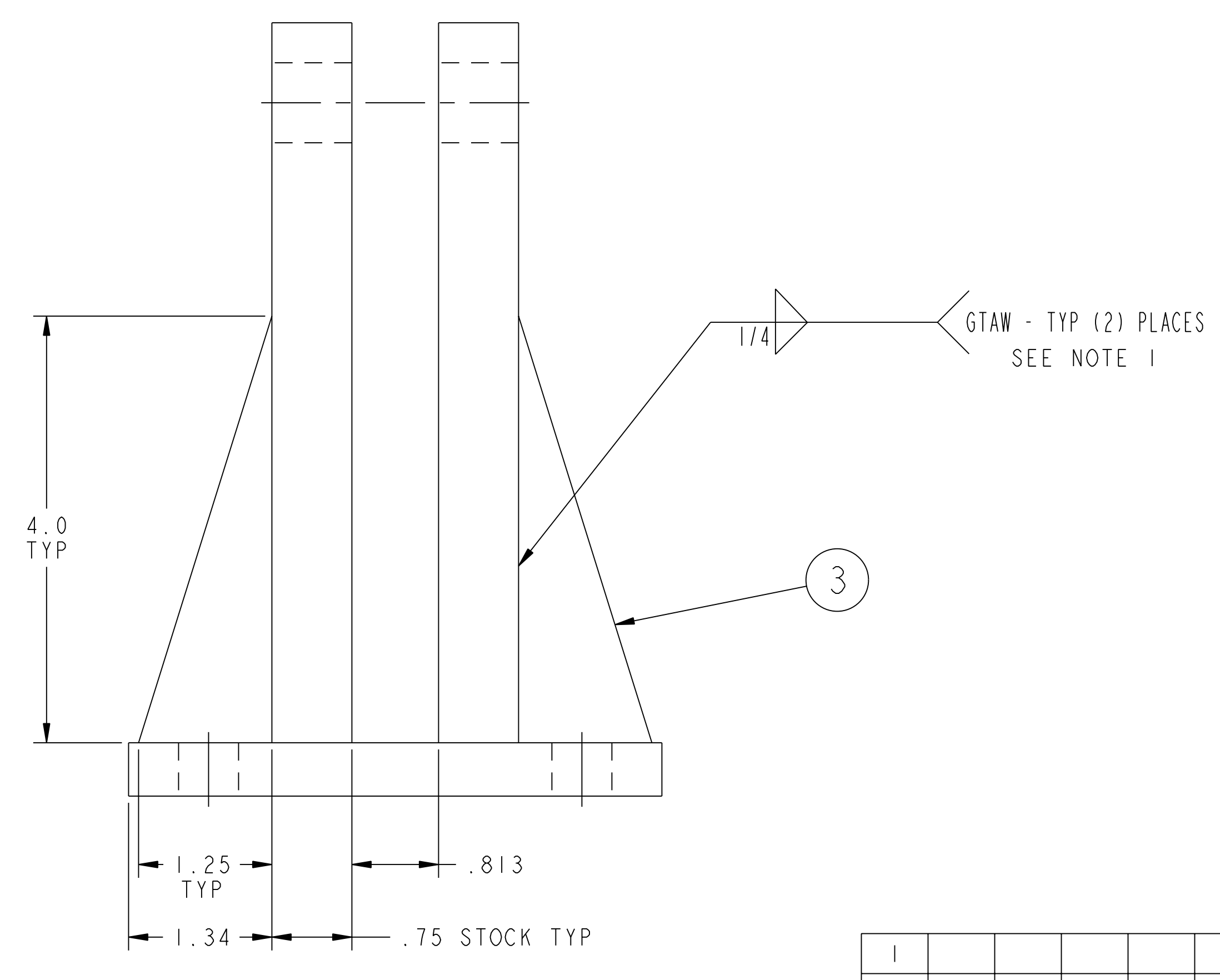
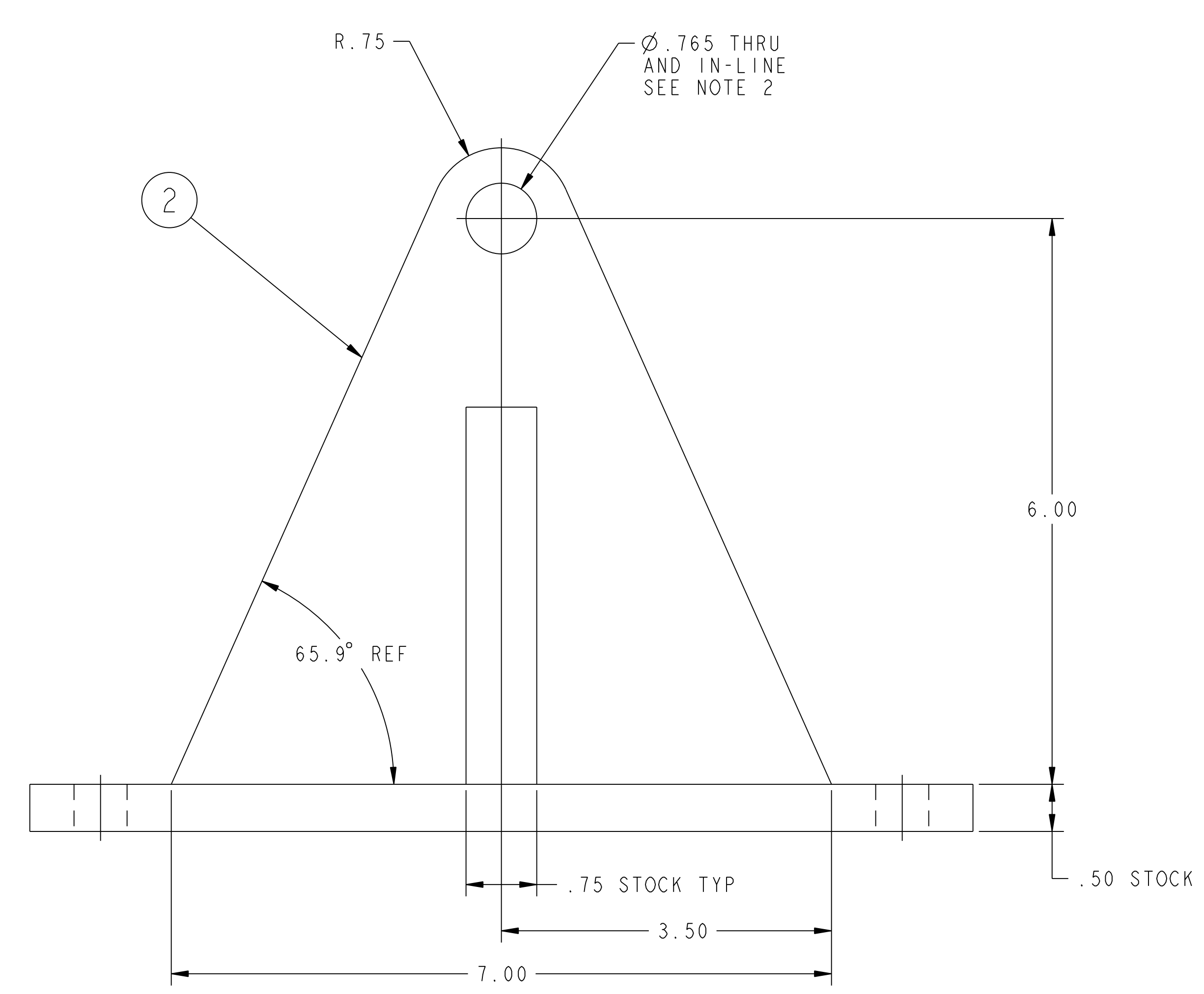


NO.	REVISION	BY	CH	SUP	APPROVED	DATE



- NOTES**
1. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.1 SECTION 6 AND PPPL PROCEDURE EM-002. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF AWS D1.1 SECTION 6.
 2. MACHINE ALL HOLES AFTER ALL WELDING IS COMPLETE.



01 ASSEMBLY - TURNTABLE CLEVIS BRACKET WELDMENT

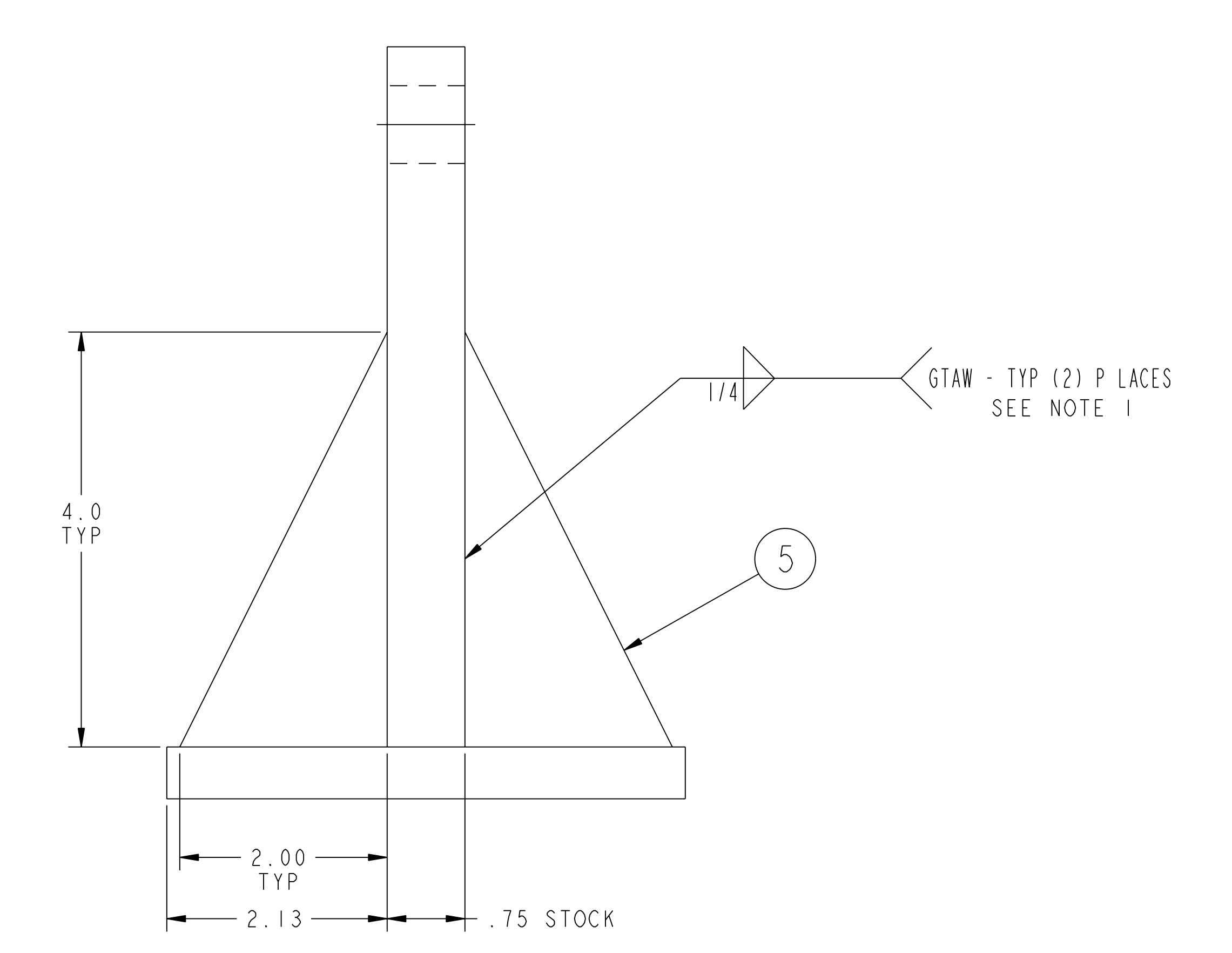
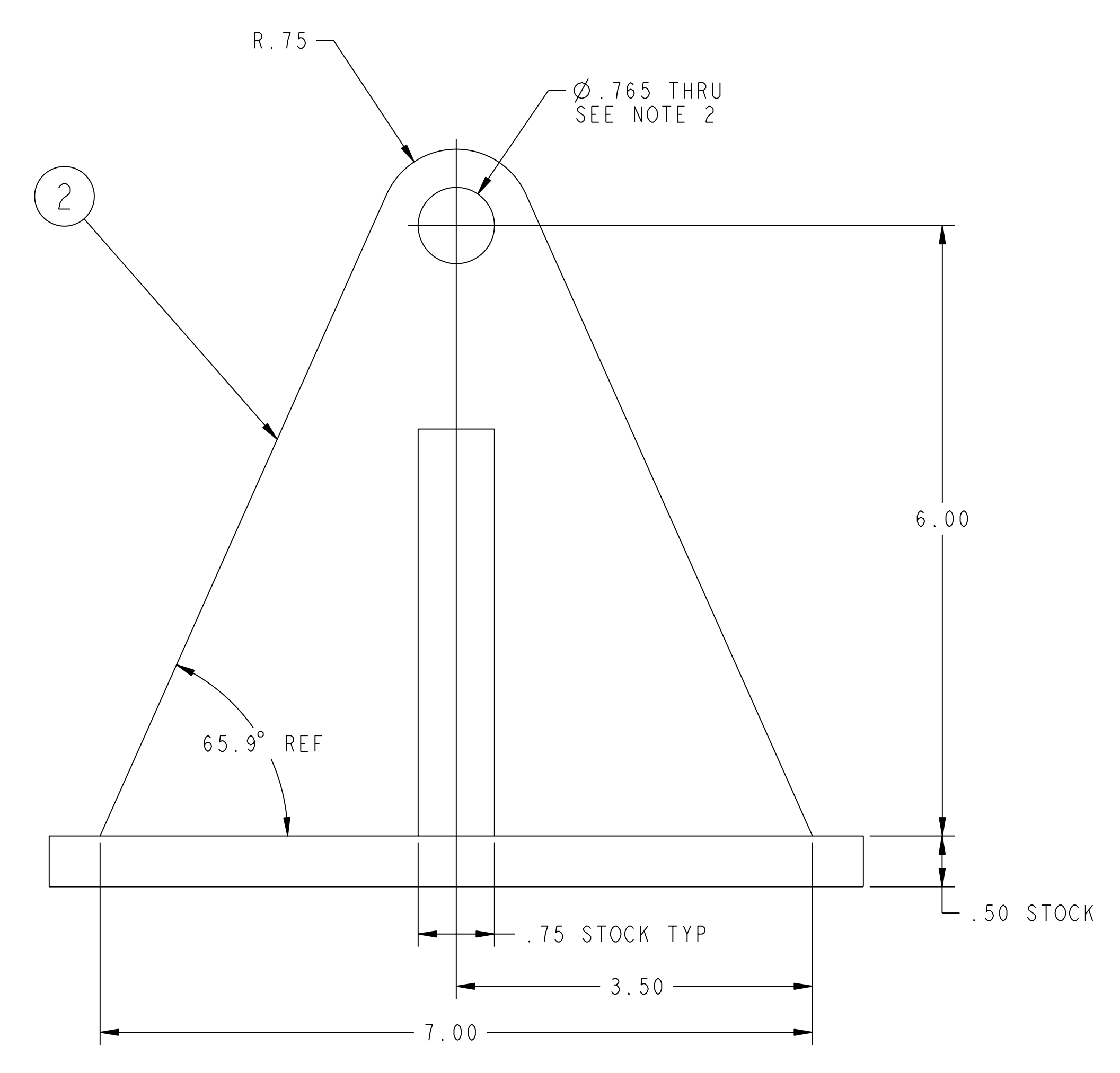
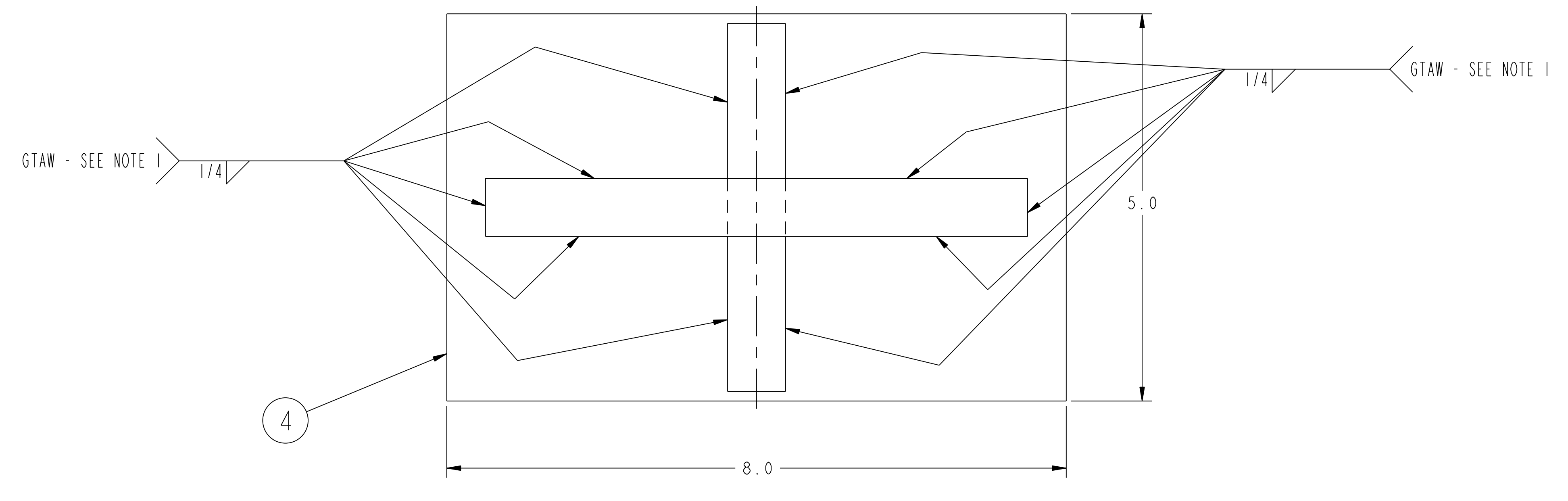
REV	DATE	BY	CHK	APP	PART NO.	DRAWING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQ'D
10					THIS DWG	STOP BLOCK	ASTM A569		
9					THIS DWG	MOUNTING PLATE	ASTM A569		
8					THIS DWG	MOUNTING PLATE	ASTM A569		
7					THIS DWG	CLEVIS PLATE	ASTM A569		
6					THIS DWG	MOUNTING PLATE	ASTM A569		
5					THIS DWG	GUSSET	ASTM A569		
4					THIS DWG	MOUNTING PLATE	ASTM A569		
3					THIS DWG	GUSSET	ASTM A569		
2					THIS DWG	CLEVIS PLATE	ASTM A569		
1					THIS DWG	MOUNTING PLATE	ASTM A569		
					THIS DWG	JACK CLEVIS TONGUE BRACKET WELDMENT - TYPE B		1	
					THIS DWG	JACK CLEVIS TONGUE BRACKET WELDMENT - TYPE A		1	
					THIS DWG	JACK CLEVIS BRACKET WELDMENT		2	
					THIS DWG	PLATFORM CLEVIS BRACKET WELDMENT		2	
					THIS DWG	TURNTABLE CLEVIS BRACKET WELDMENT		2	

PARTS LIST

COMPUTER GENERATED DRAWING CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020	NATIONAL COMPACT STELLARATOR EXPERIMENT	
WEIGHT: 19.0 lbs	MODEL NAME: SE144-126	MODULAR COIL WINDING FACILITY	
WELDING ENGINEER	WELDER	COPPER SPOOLS MANIPULATOR	
RELEASE LEVEL: Fabrication	DWG VERSION NO: 4	CLEVIS WELDMENTS	
		DSN: L. MORRIS	DRAWING NO: SE144-126
		CHK: S. RAFTOPOULOS	
		ENGR: J. CHRZANOWSKI	
		SUPV: J. SIEGEL	SHEET 1 OF 3
			REV 0

NCSX-SE144-126

NO.	REVISION	BY	CH	SUP	APPROVED	DATE



02 ASSEMBLY - PLATFORM CLEVIS BRACKET WELDMENT

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

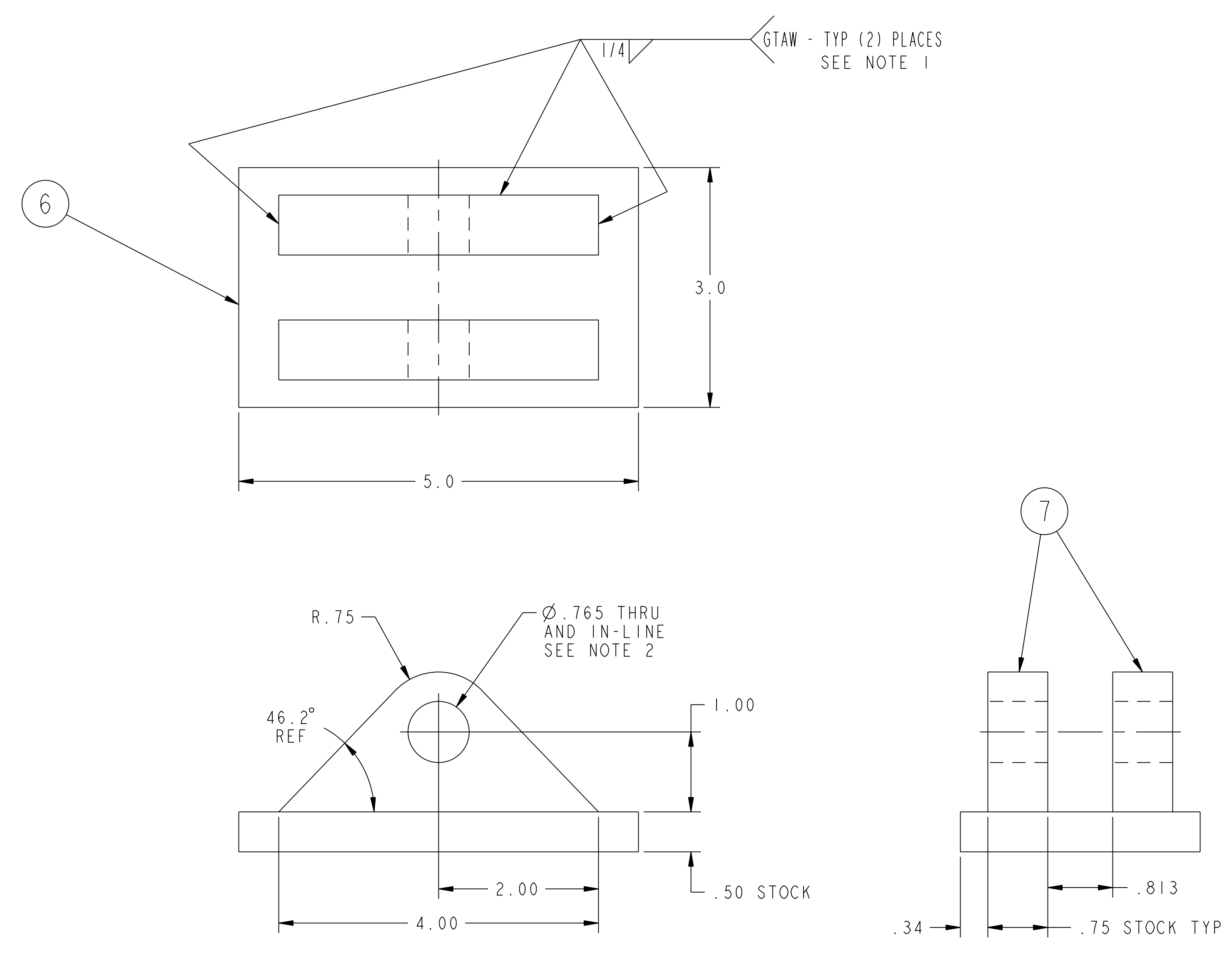
RELEASE LEVEL: Fabrication
DWG VERSION NO: 4

WEIGHT
19.0 lbs
MODEL NAME
SE144-126
WELDING
ENGINEER

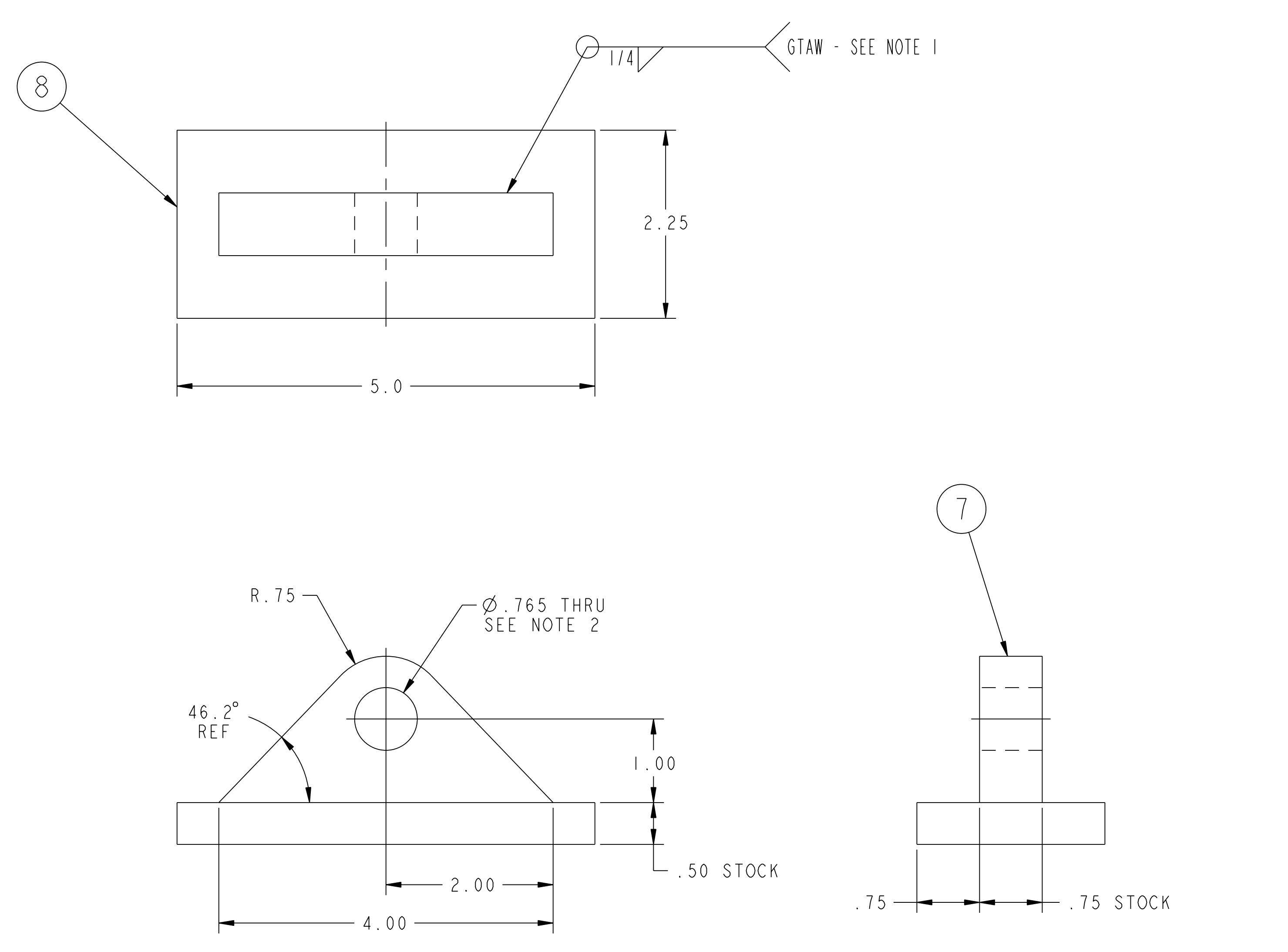
COMPUTER GENERATED DRAWING CHANGES NOT PERMITTED Pro E DO NOT VERIFY INFORMATION BY SCALING DRAWING	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT MODULAR COIL WINDING FACILITY COPPER SPOOLS MANIPULATOR CLEVIS WELDMENTS	
TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX ±.000 .XXX ±.005 ANGULAR ±.0°-15°	DSN: L. MORRIS CHK: S. RAFTOPOULOS ENGR: J. CHRZANOWSKI SUPV: J. SIEGEL	DRAWING NO: SE144-126	SHEET 2 OF 3 REV 0

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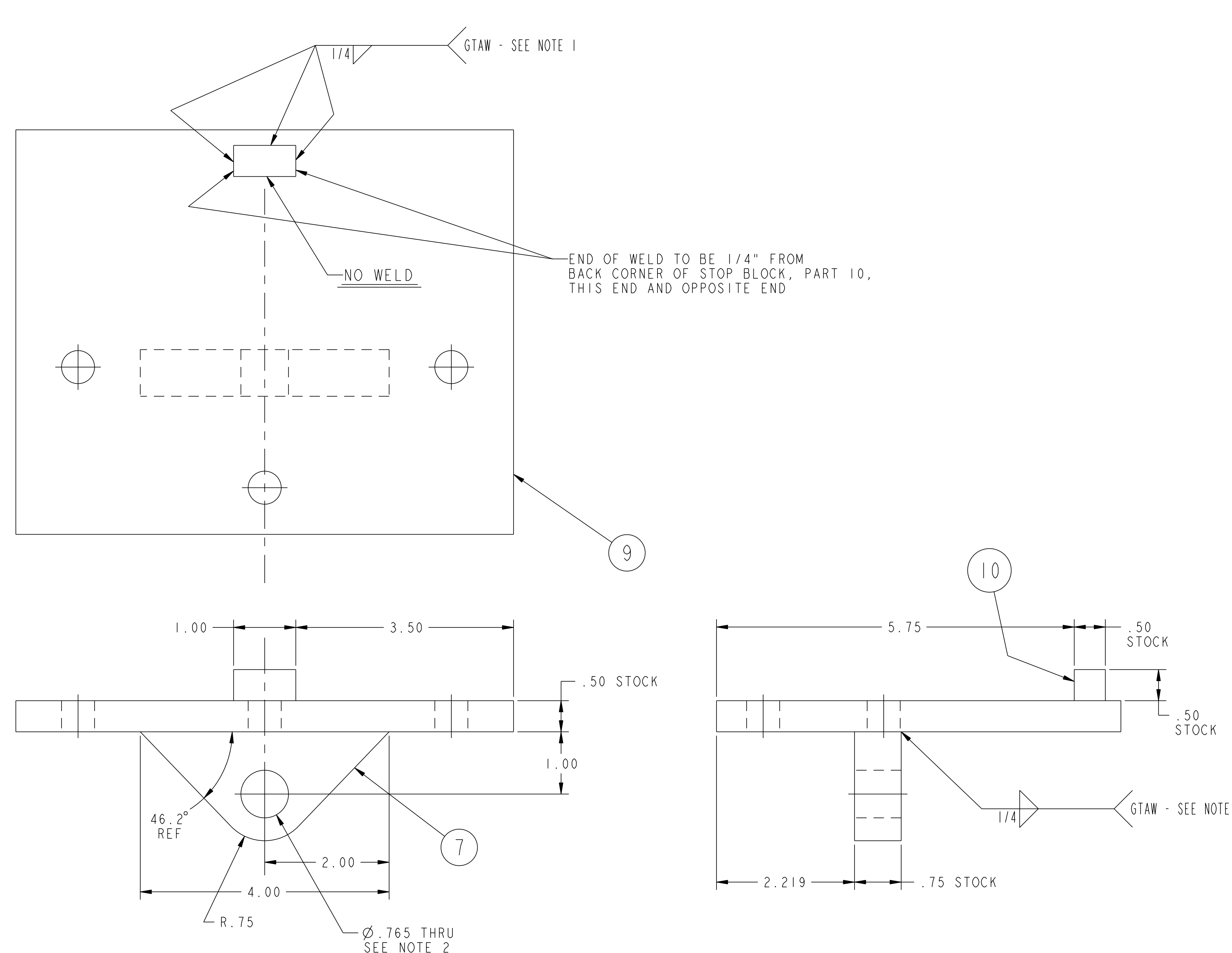
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



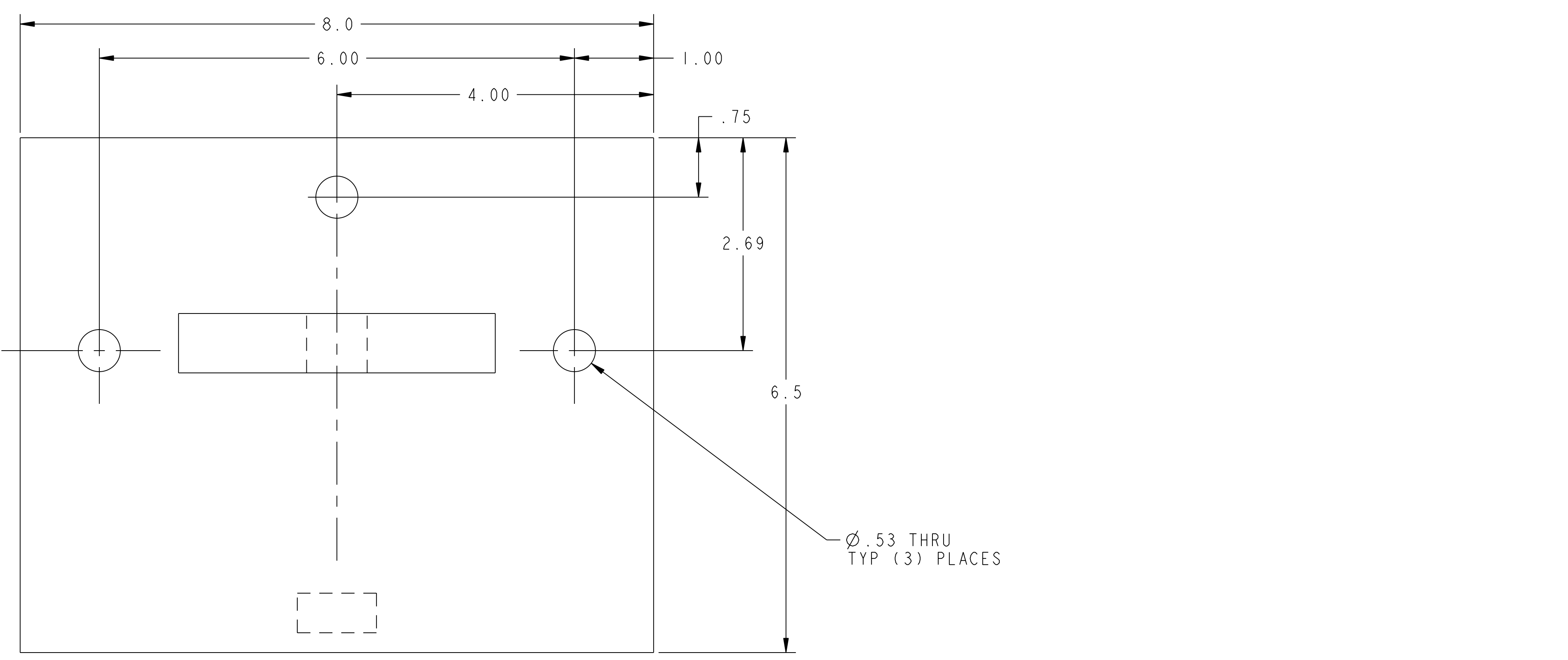
03 ASSEMBLY - JACK CLEVIS BRACKET WELDMENT



04 ASSEMBLY - JACK CLEVIS TONGUE BRACKET WELDMENT - TYPE A



05 ASSEMBLY - JACK CLEVIS TONGUE BRACKET WELDMENT - TYPE B



FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

RELEASE LEVEL: Fabrication
DWG VERSION NO: 4

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY	
	UNLESS OTHERWISE SPECIFIED	NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES	MODULAR COIL WINDING FACILITY COPPER SPOOLS MANIPULATOR CLEVIS WELDMENTS	
NEXT ASSEMBLY	TOLERANCES NON-CUMULATIVE	DSN: L. MORRIS	DRAWING NO:
	DECIMAL-INCH FRACTIONS	CHK: S. RAFTOPOULOS	SE144-126
	.XX +/- .030	ENGR: J. CHRZANOWSKI	
	.XXX +/- .005	SUPV: J. SIEGEL	SHEET 3 OF 3
	ANGULAR +/- .015		REV 0

NCSX-SE144-126