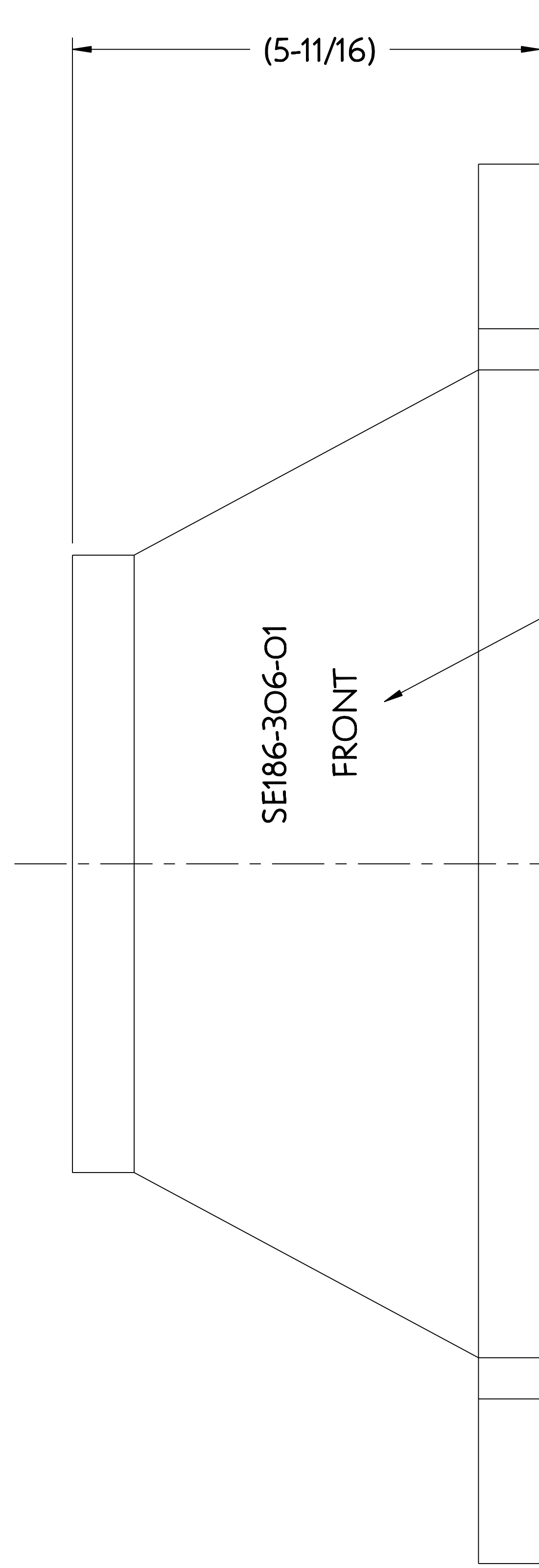
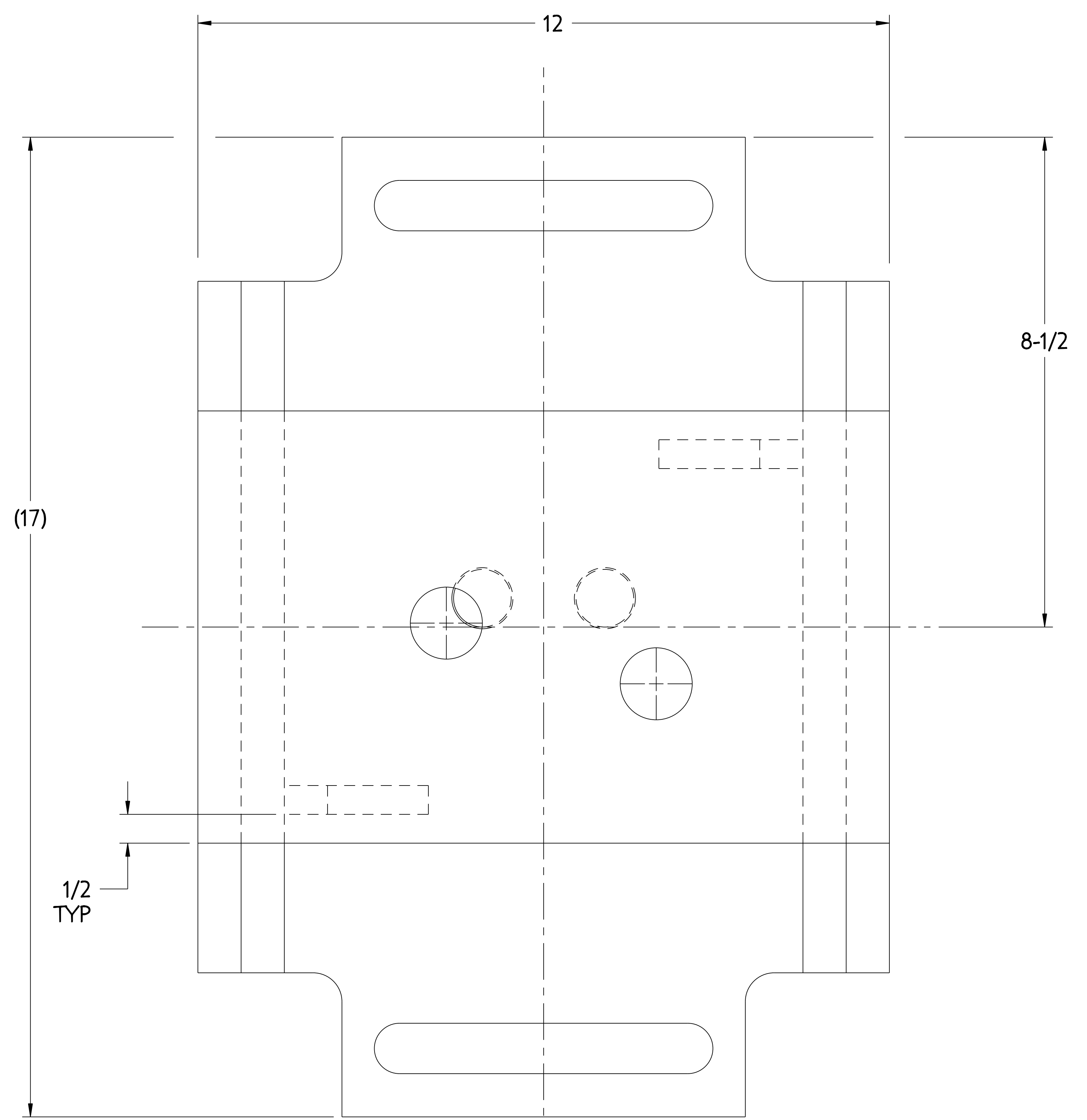
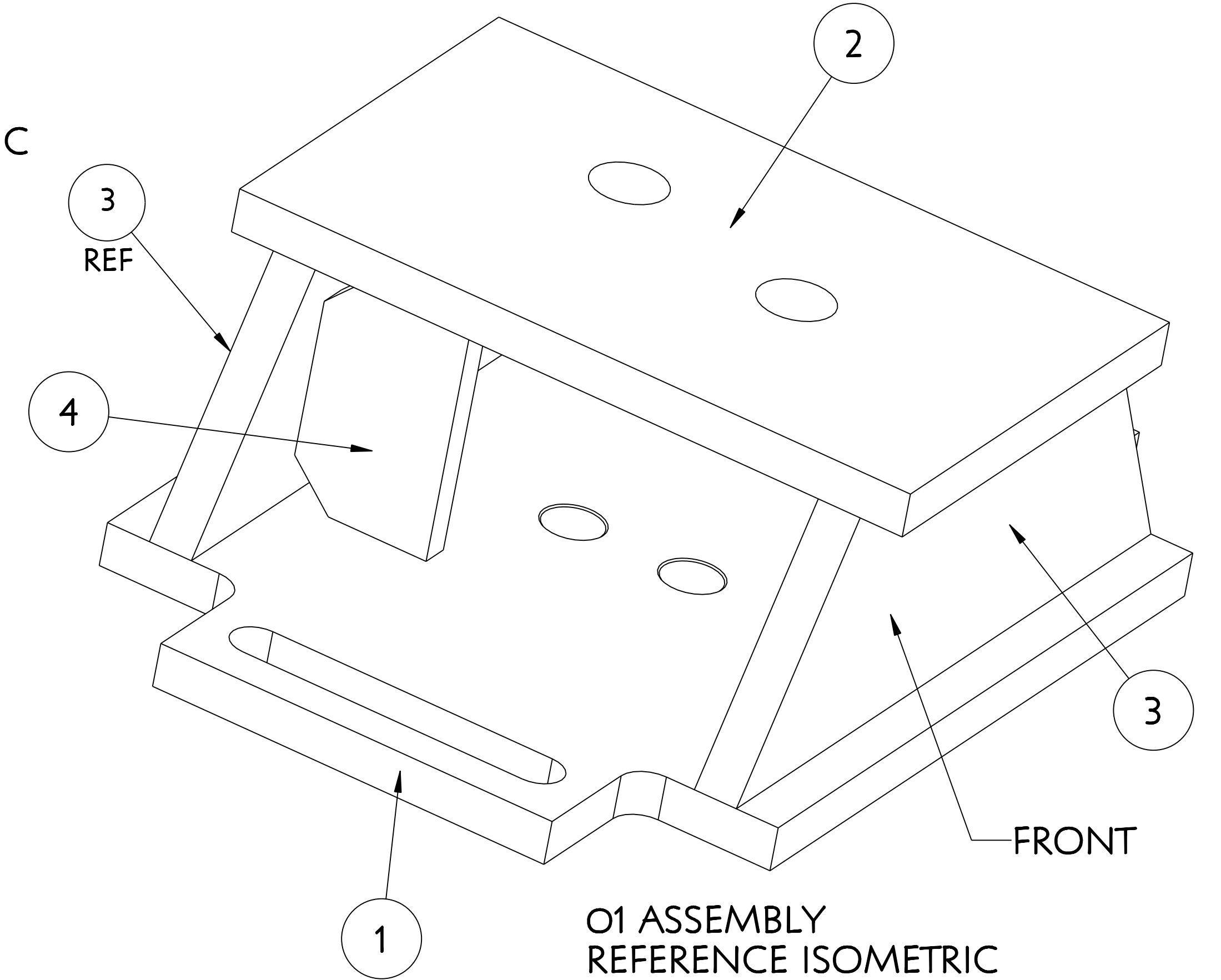
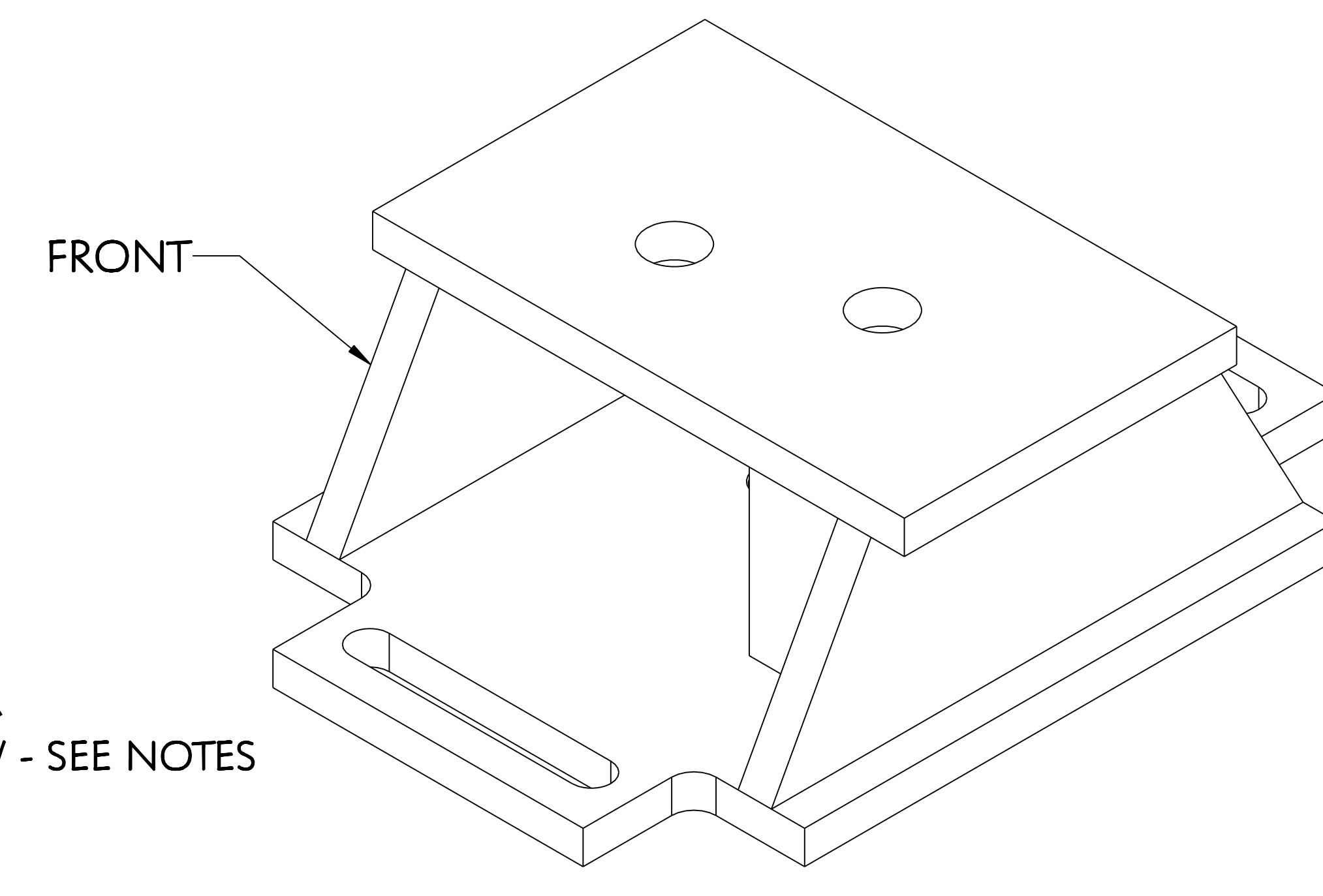
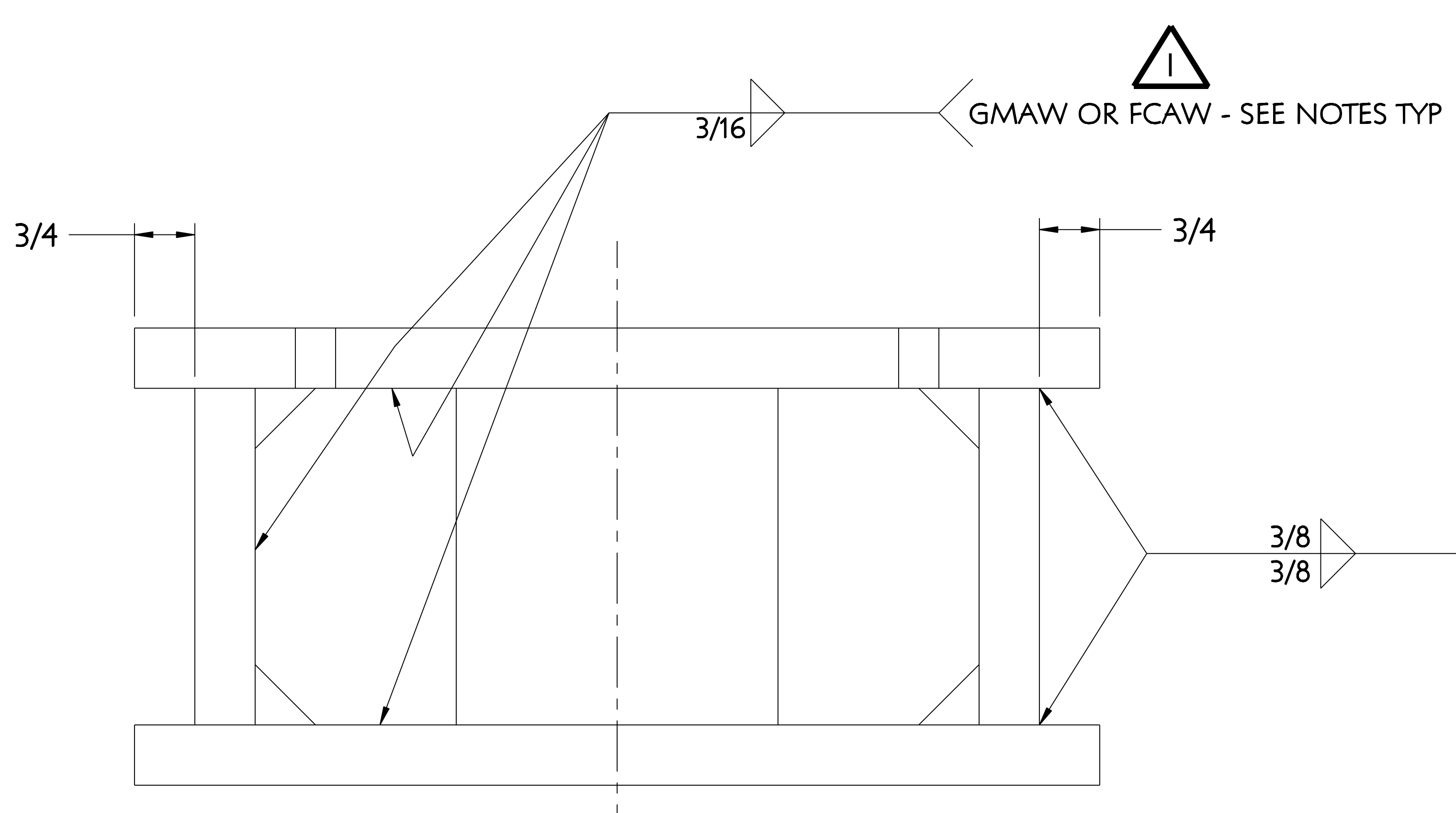


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN-5371	LM	TB	JS	T. BROWN	6-18-08



IDENTIFIER FOR O1 ASSEMBLY AS SHOWN.
IDENTIFIER FOR O2 ASSEMBLY TO BE ON OPPOSITE SIDE.
SEE NOTES.

NOTE

WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.1 OR PPPL PROCEDURE NO. ENG-37.

VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF AWS D1.1 Section 6.

NOTE ORIENTATION OF ALL PARTS PRIOR TO WELDING.

BRACKET ASSEMBLY IS TO BE STAMPED OR PERMANENTLY MARKED WITH IDENTIFIER AS INDICATED.

SAND BLAST AND APPLY 2 COATS "SAFETY YELLOW" PAINT.

O1 ASSEMBLY - AS SHOWN - (1) REQ'D
O2 ASSEMBLY - OPPOSITE - (1) REQ'D

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting

RELEASE LEVEL: FABRICATION
DWG VERSION NO: 6

WEIGHT	76.1 lbs
MODEL NAME	SE186-306-01
WELDING ENGINEER	G. GETTELFINGER 8-2-2001

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD
4	SE186-306-4	GUSSET SEGMENT "A" MCWF BRACKET	ASTM A36	2
3	SE186-306-3	SIDE PLATE SEGMENT "A" MCWF BRACKET	CARBON STEEL	2
2	SE186-306-2	TOP PLATE SEGMENT "A" MCWF BRACKET	CARBON STEEL	1
1	SE186-306-1	BASE PLATE SEGMENT "A" MCWF BRACKET	CARBON STEEL	1

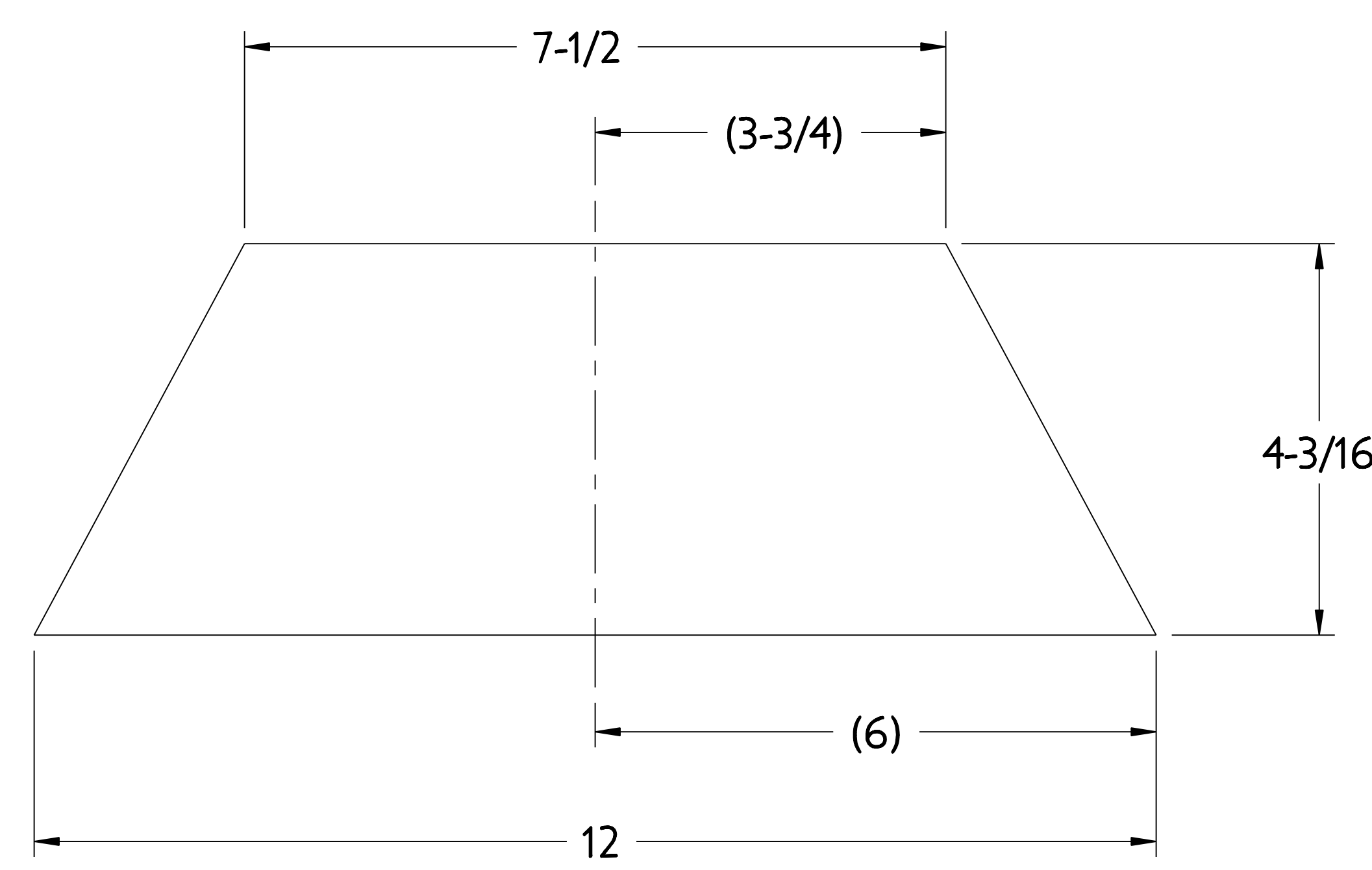
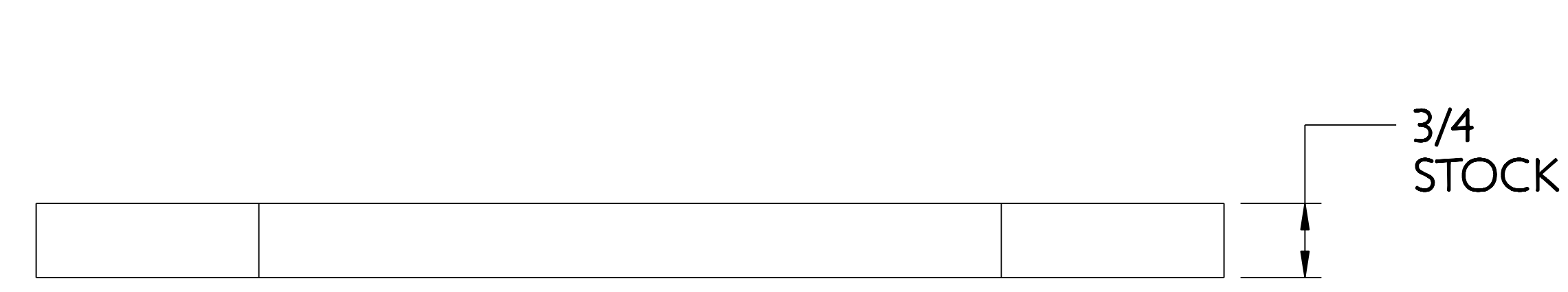
PARTS LIST

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	Pro E	DIMENSIONS ARE IN INCHES MACHINE SURFACES UNLESS OTHERWISE SPECIFIED	
SCALE 0.875	TOLERANCES NON-CUMULATIVE	DSN: J. RUSHINSKI	8-2-2007
NEXT ASSEMBLY	DECIMAL-INCH FRACTIONS	CHK: M. COLE	8-2-2007
	.XX +/- .030	ENGR: T. BROWN	8-2-2007
	.XXX +/- .005	SUPV: J. SIEGEL	8-2-2007
	ANGULAR +/- .015		

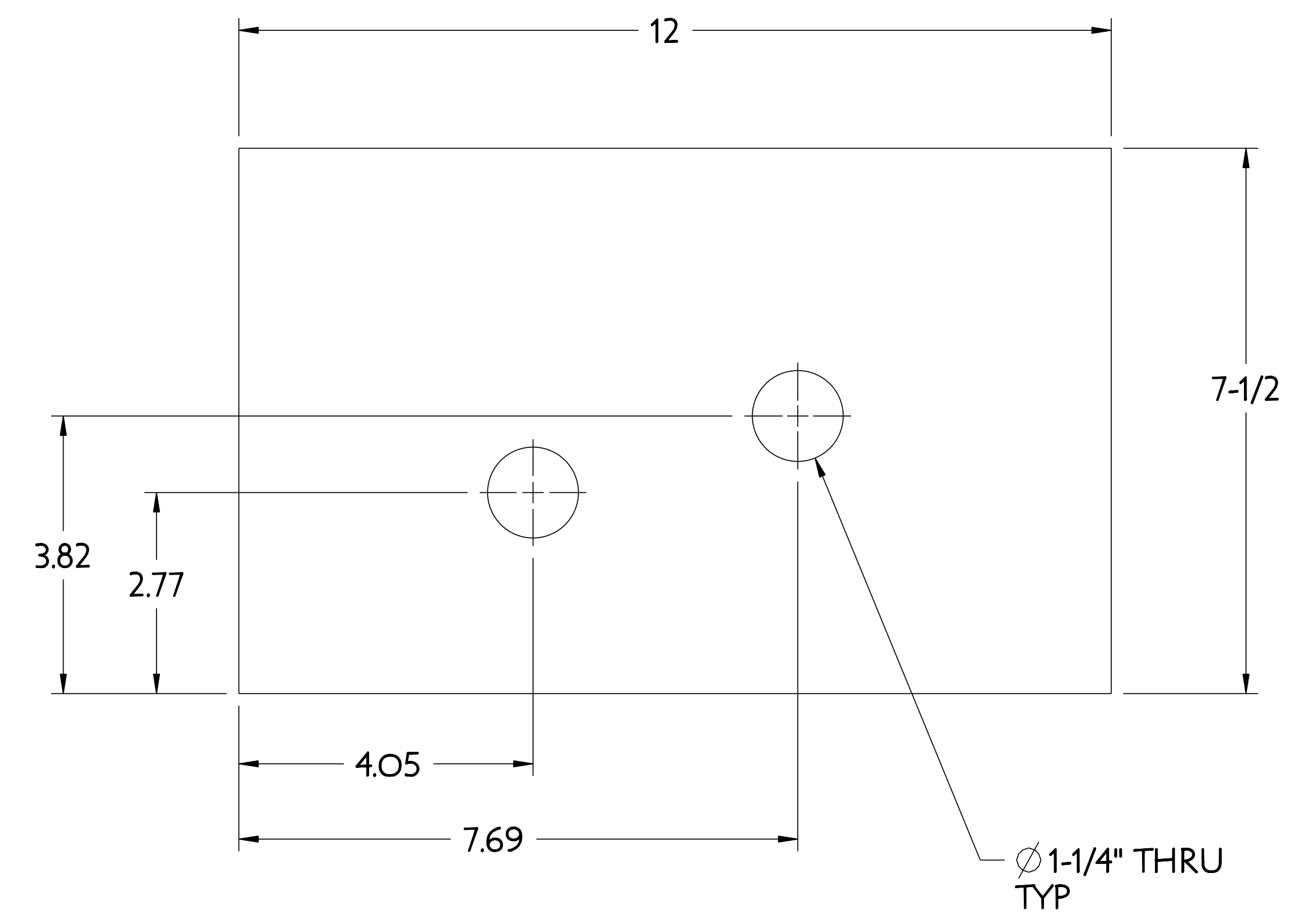
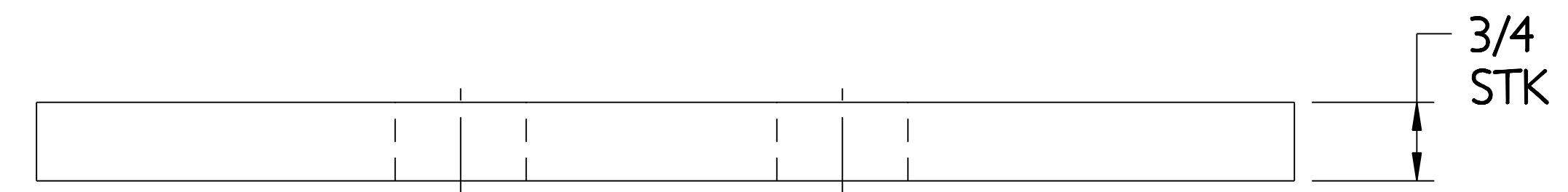
SE186-306	SHEET 1 OF 2	REV 1
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NCSX-SE186-306

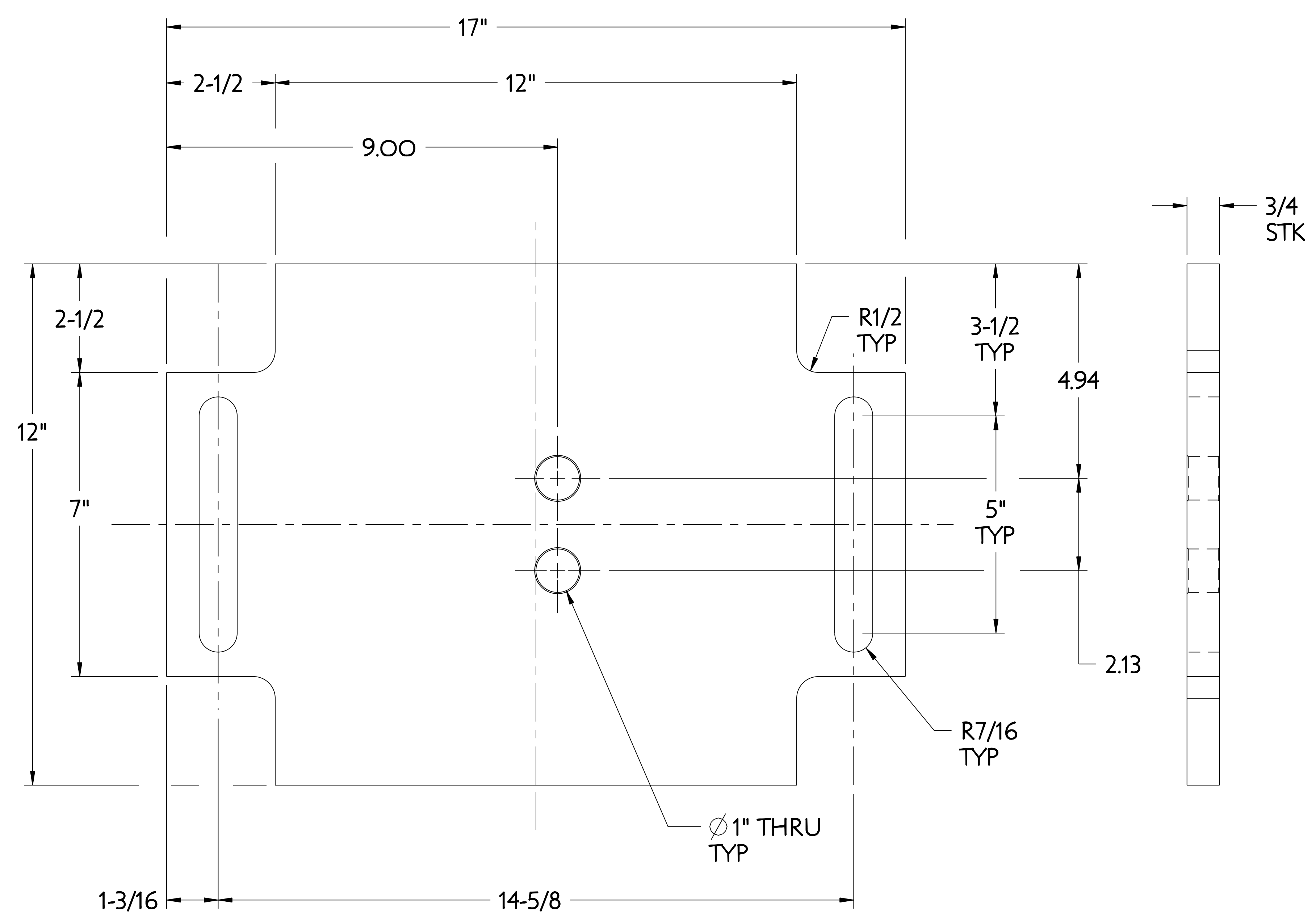
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



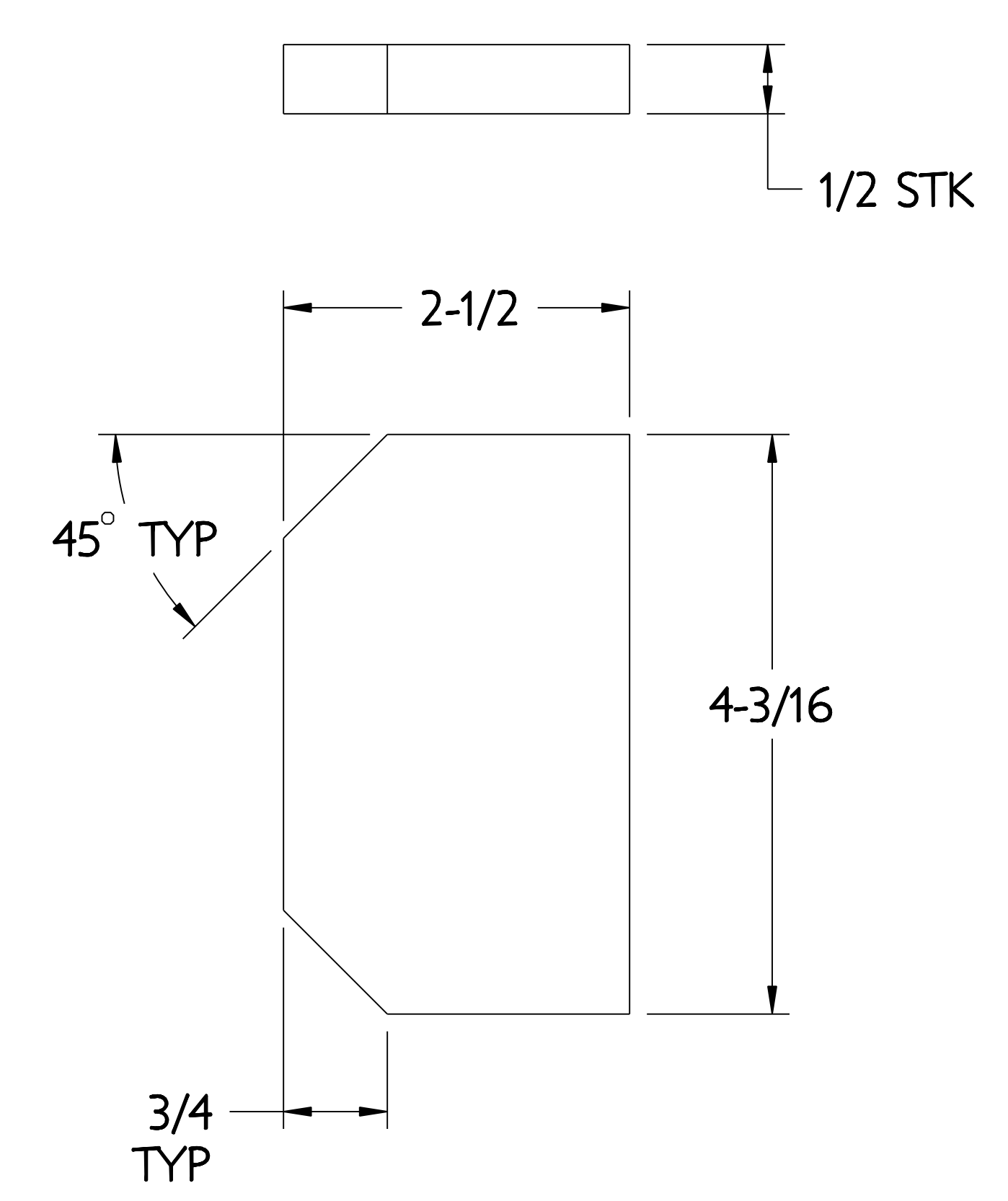
3 SIDE PLATE



2 TOP PLATE



1 BASE PLATE



4 GUSSET

RELEASED FOR FABRICATION/INSTALLATION
PPPL Drafting

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLARATOR EXPERIMENT	
	UNLESS OTHERWISE SPECIFIED	STELLARATOR CORE TOOLING DESIGN & FABRICATION MCWF SEGMENT "A" SUPPORT BRACKET DETAILS	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	DSN: J. RUSHINSKI	8-2-2007
TOLERANCES NON-CUMULATIVE	DECIMAL-INCH FRACTIONS	CHK: M. COLE	8-2-2007
NEXT ASSEMBLY	.X +/- .000 0°-12° +/- .010 .XX +/- .030 12°-72° +/- .010 .XXX +/- .005 72°-120° +/- .010 ANGULAR +/- .0°-15° OVER 120° +/- .120	ENGR: T. BROWN	8-2-2007
WEIGHT	76.1 lbs	SUPV: J. SIEGEL	8-2-2007
MODEL NAME	SE186-306-01	DRAWING NO:	SE186-306
WELDING ENGINEER		SHEET 2 OF 2	REV. 1.1

RELEASE LEVEL: FABRICATION
DWG VERSION NO: 6

NCSX-SE186-306