

IDENTIFIER FOR O2 ASSEMBLY AS SHOWN.  
IDENTIFIER FOR O1 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: 4

WEIGHT	112.1 lbs
MODEL NAME	SE186-308-01
WELDING ENGINEER	G. GETTELFINGER 8-2-2007

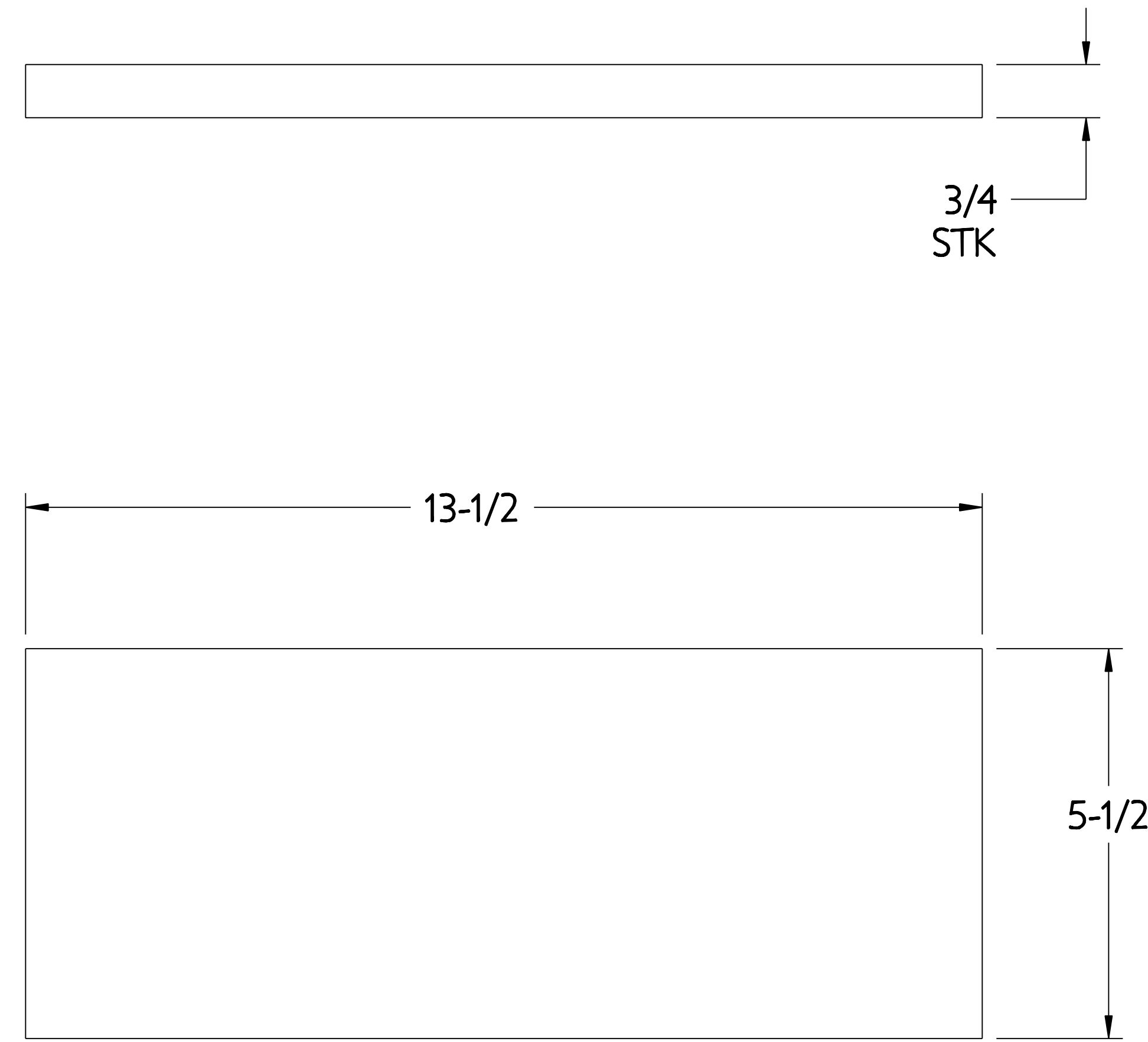
PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQ'D
4	SE186-308-3	BOTTOM PLATE MCWF SEGMENT "C" SUPPORT BRACKET TYPE #2	CARBON STEEL	1
3	SE186-308-2	TOP PLATE MCWF SEGMENT "C" SUPPORT BRACKET TYPE #2	CARBON STEEL	1
2	SE186-308-1	SIDE PLATE MCWF SEGMENT "C" SUPPORT BRACKET TYPE #2	CARBON STEEL	2
1	SE186-307-4	GUSSET SEGMENT "C" MCWF BRACKET	ASTM A36	2

PARTS LIST

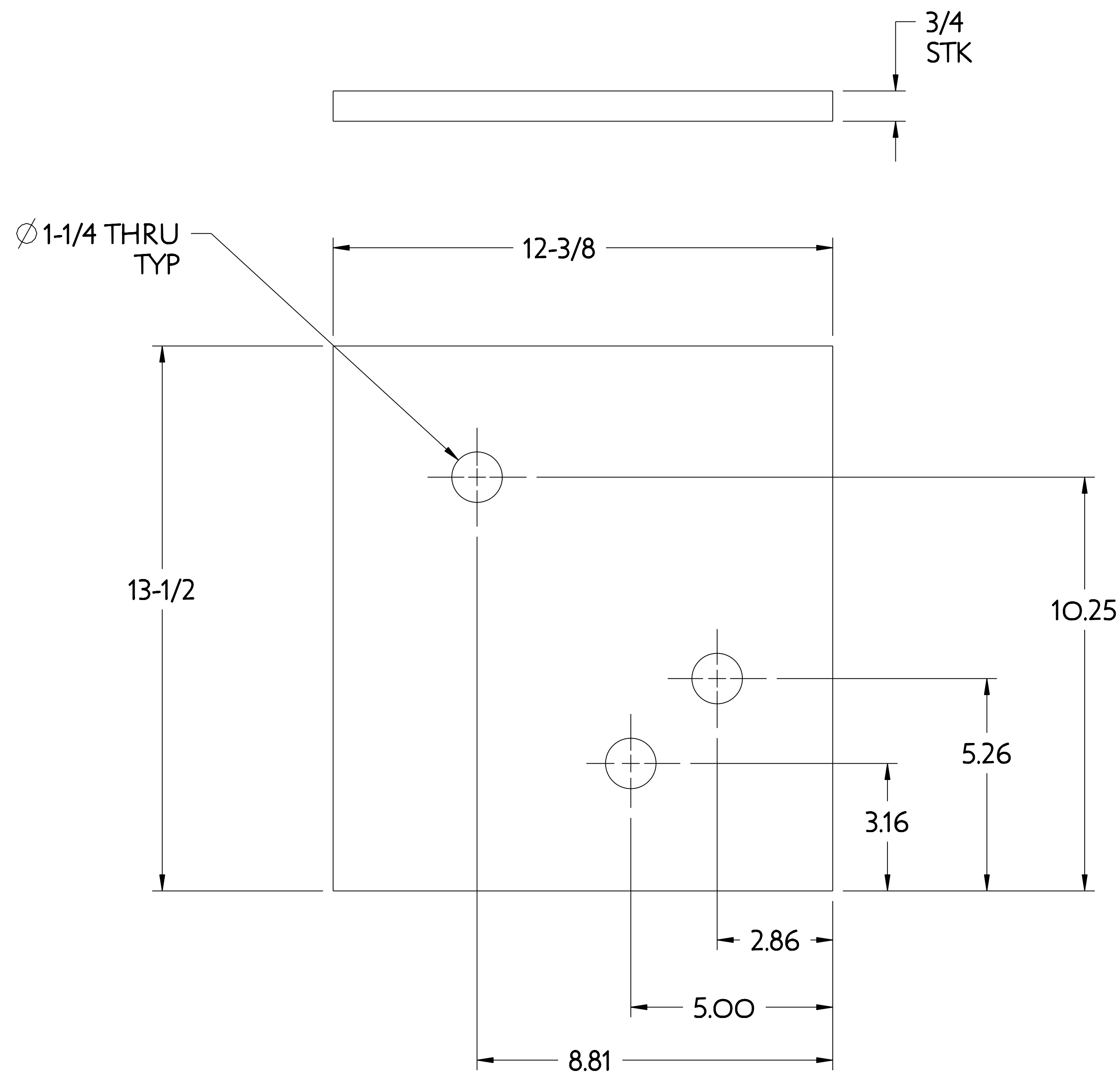
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY <b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b>	
Pro E	DIMENSIONS ARE IN INCHES MACHINE SURFACES	STELLARATOR CORE TOOLING DESIGN & FABRICATION MCWF SEGMENT "C" SUPPORT BRACKET TYPE #2 WELDMENTS	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020	SCALE 0.750	TOLERANCES NON-CUMULATIVE
		DECIMAL-INCH FRACTIONS	DSN: J. RUSHINSKI 8-2-2007 DRAWING NO:
		CHK: M. COLE 8-2-2007	SE186-308
		ENGR: T. BROWN 8-2-2007	
		SUPV: J. SIEGEL 8-2-2007	SHEET 1 OF 2 REV 0

NCSX-SE186-308

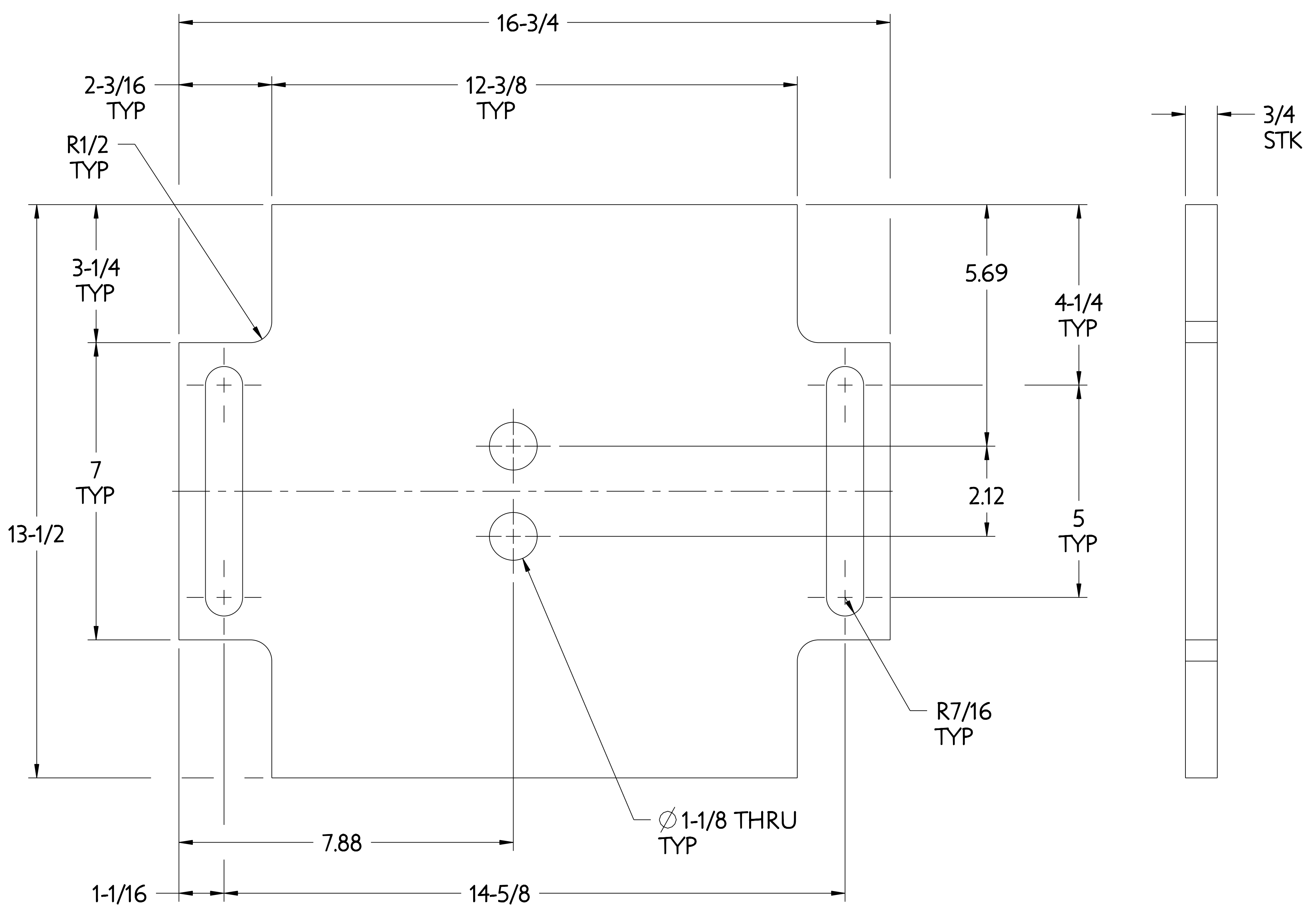
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



1 SIDE PLATE



2 TOP PLATE



3 BOTTOM PLATE

**RELEASED FOR  
FABRICATION / INSTALLATION**  
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FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E DO NOT VERIFY INFORMATION BY SCALING DRAWING	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY	
	UNLESS OTHERWISE SPECIFIED	<b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b>	
WEIGHT 112.1 lbs	DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	STELLARATOR CORE TOOLING DESIGN & FABRICATION MCWF SEGMENT "C" SUPPORT BRACKET TYPE #2 WELDMENTS	
MODEL NAME SE186-308-01	TOLERANCES NON-CUMULATIVE	DSN: J. RUSHINSKI	8-2-2007
WELDING ENGINEER	DECIMAL-INCH FRACTIONS	CHK: M. COLE	8-2-2007
RELEASE LEVEL: FABRICATION DWG VERSION NO: 4	ANGULAR ±.05 OVER 120° ±.12	ENGR: T. BROWN	8-2-2007
		SUPV: J. SIEGEL	8-2-2007
		DRAWING NO:	<b>SE186-308</b>
		SHEET 2 OF 2	REV 0

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