

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

RFD-18-001 permitted either GTAW or GMAW welds. See RFD-18-001 for details)

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

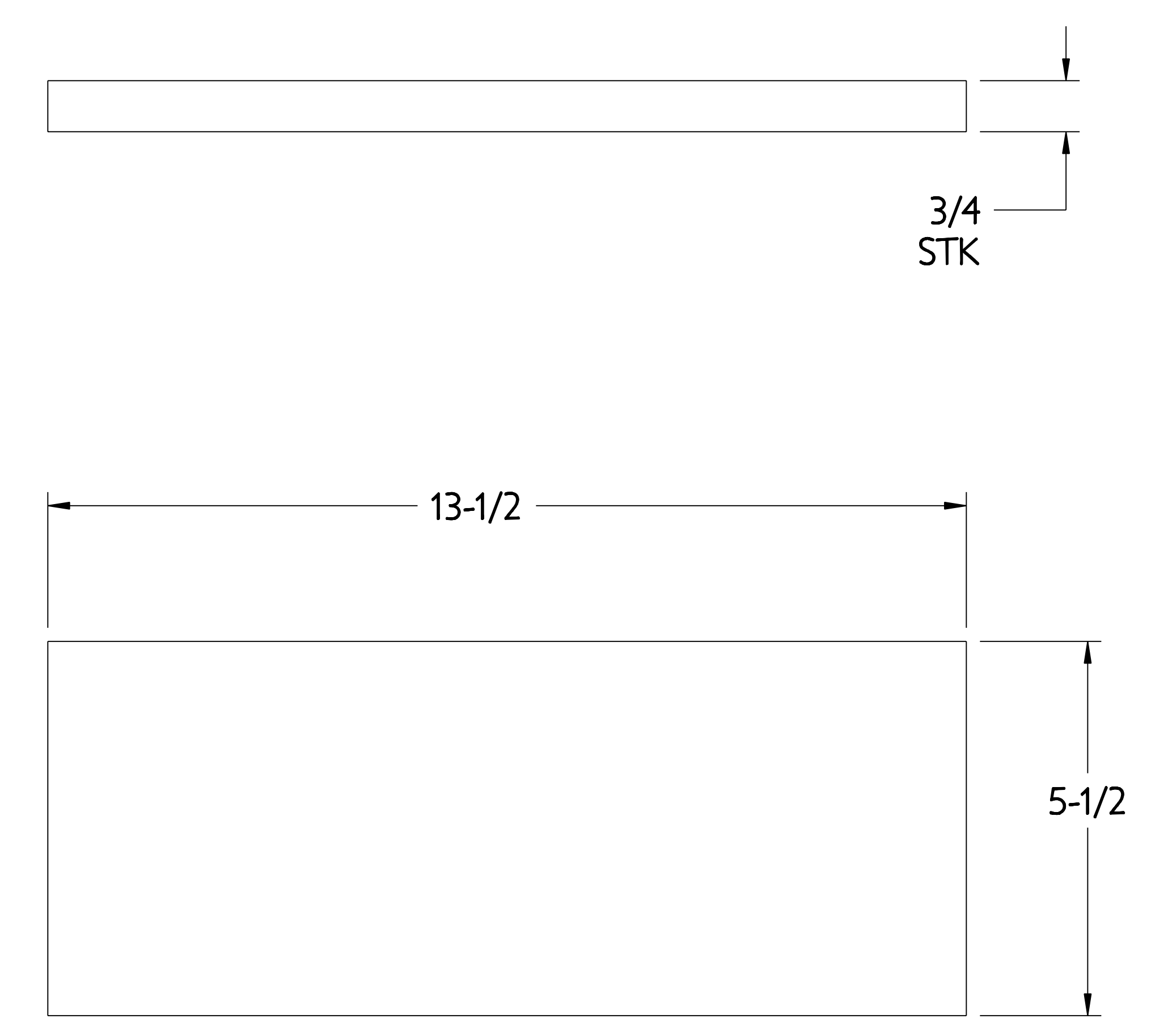
PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQ'D
4	SE186-308-3	BOTTOM PLATE MCWF SEGMENT "C" SUPPORT BRACKET TYPE #2	CARBON STEEL	1
3	SE186-308-2	TOP PLATE MCWF SEGMENT "C" SUPPORT BRACKET TYPE #2	CARBON STEEL	1
2	SE186-308-1	SIDE PLATE MCWF SEGMENT "C" SUPPORT BRACKET TYPE #2	CARBON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

PARTS LIST

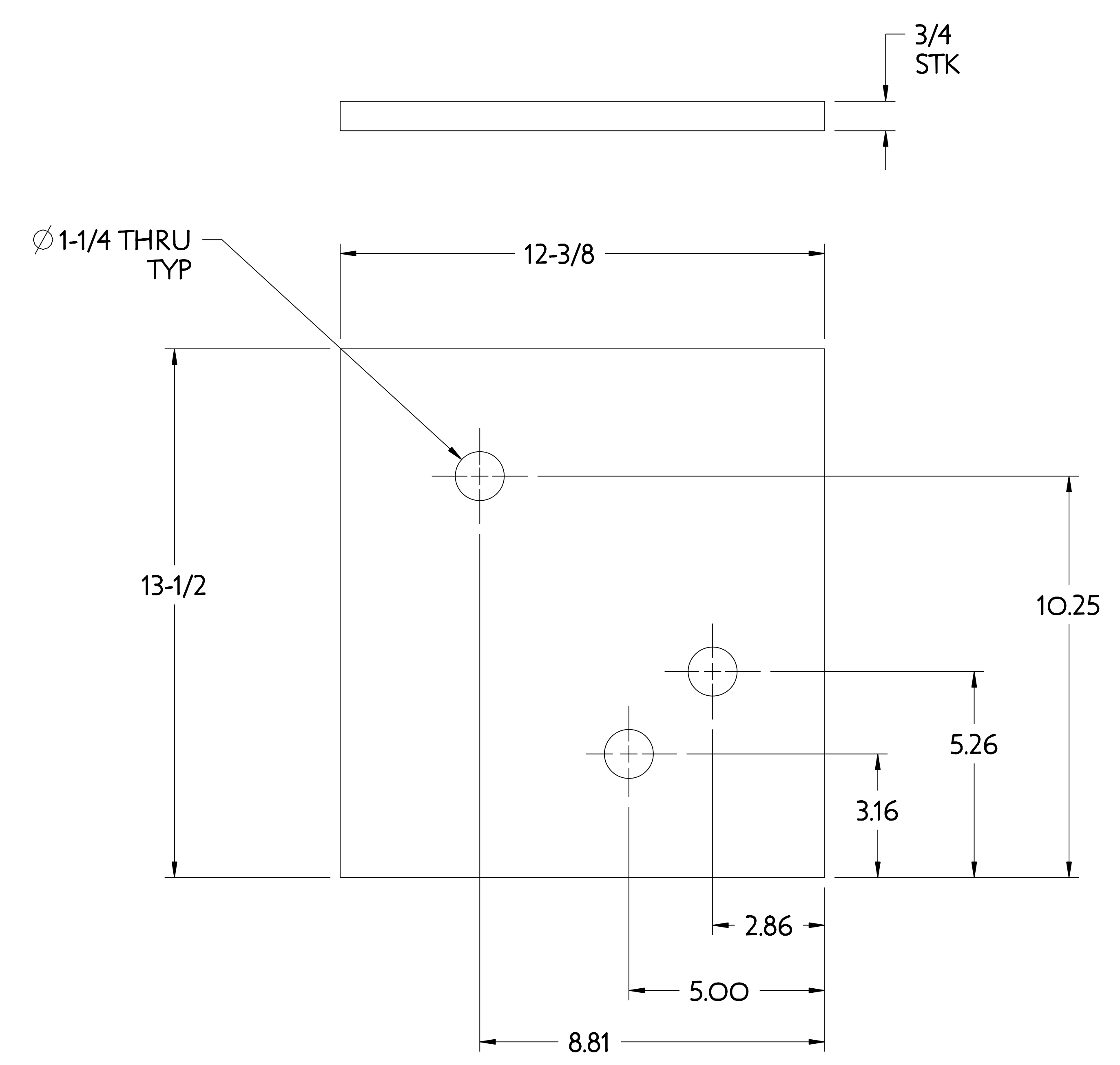
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES UNLESS OTHERWISE SPECIFIED	STELLARATOR CORE TOOLING DESIGN & FABRICATION MCWF SEGMENT "C" SUPPORT BRACKET TYPE #2 WELDMENTS	
SCALE 0.750	TOLERANCES NON-CUMULATIVE	DSN: J. RUSHINSKI 8-2-2007	DRAWING NO: SE186-308
NEXT ASSEMBLY	DECIMAL-INCH FRACTIONS	CHK: M. COLE 8-2-2007	ENGR: T. BROWN 8-2-2007
	XXX +/- .005 72°-120° +/- 1/4° ANGLE +/- 0°-15° OVER 120° +/- 1/2°	SUPV: J. SIEGEL 8-2-2007	SHEET 1 OF 2 REV 0

NCSX-SE186-308

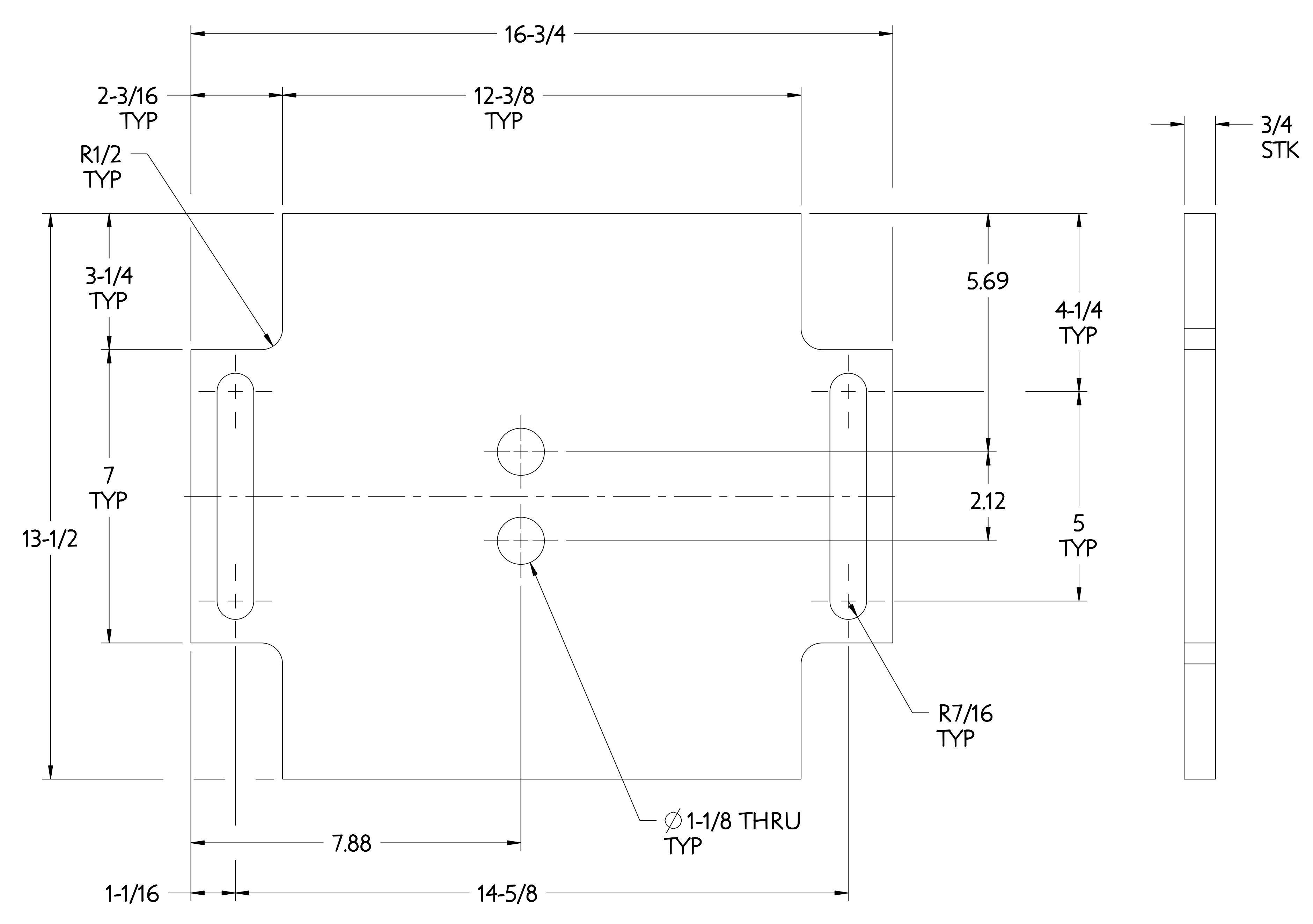
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



1 SIDE PLATE



2 TOP PLATE



3 BOTTOM PLATE

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

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

NCSX-SE186-308