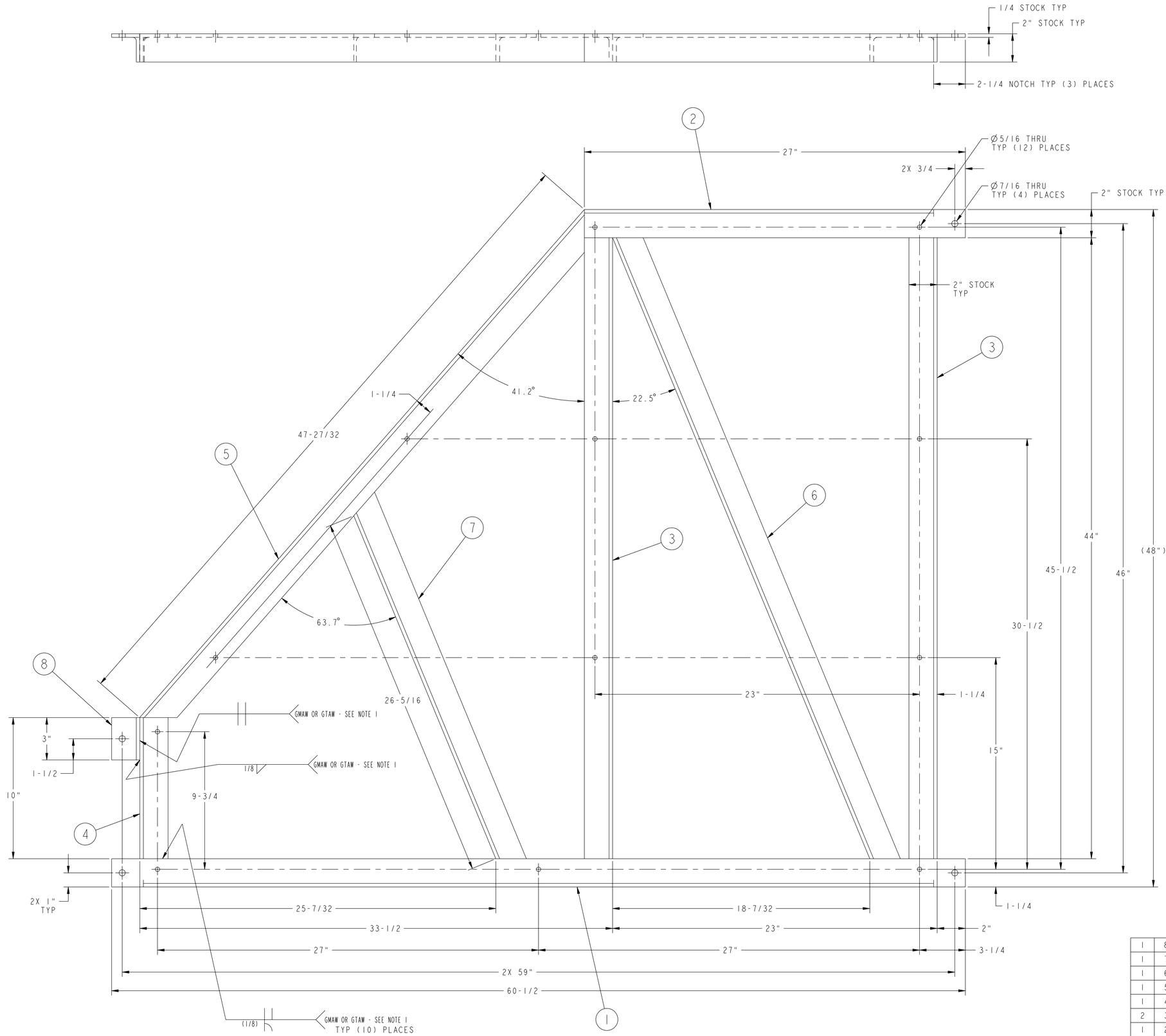
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



NOTES

1. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF PPPL PROCEDURE ENG-037. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF AWS D1.1 Section 6.
2. ALL MACHINING TO BE PERFORMED AFTER WELDING IS COMPLETE.

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting: Jerry Siegel 2007.12.14 08:35:59 -05'00'

01 ASSY	PART NO.	DRAWING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD
1	8	THIS DWG	CLIP ANGLE	ASTM A36	
1	7	THIS DWG	CROSS BRACE ANGLE - SHORT	ASTM A36	
1	6	THIS DWG	CROSS BRACE ANGLE - LONG	ASTM A36	
1	5	THIS DWG	CUT CORNER ANGLE	ASTM A36	
1	4	THIS DWG	VERTICAL FRAMING ANGLE - SHORT	ASTM A36	
2	3	THIS DWG	VERTICAL FRAMING ANGLE - LONG	ASTM A36	
1	2	THIS DWG	HORIZONTAL FRAMING ANGLE - SHORT	ASTM A36	
1	1	THIS DWG	TRACE PLATE SUPPORT ANGLE - HORIZONTAL	ASTM A36	
X	—	THIS DWG	TRACE PLATE SUPPORT FRAME WELDMENT (48"H x 56"W NOM PANEL)	—	1

PARTS LIST

NCSX-SE185-324

RELEASE LEVEL: FABRICATION
DWG VERSION NO: 3

WEIGHT
111.7 lbs
MODEL NAME
SE185-322-01
WELDING ENGINEER: L. DUDEK 11-14-07

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED
Pro E
DO NOT VERIFY INFORMATION BY SCALING DRAWING
NEXT ASSEMBLY

CENTRAL FILES:
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
MACHINE SURFACES
BREAK SHARP EDGES .005/.020
TOLERANCES NON-CUMULATIVE

DECIMAL-INCH	FRACTIONS
.X +/-.100	0°-12° +/-1/16
.XX +/-.030	12°-72° +/-1/8
.XXX +/-.005	72°-120° +/-1/4
ANGULAR +/-0°-15'	OVER 120° +/-1/2

PRINCETON PLASMA PHYSICS LABORATORY
PRINCETON UNIVERSITY
NATIONAL COMPACT STELLARATOR EXPERIMENT
FIELD PERIOD ASSEMBLY
FIELD PERIOD ASSEMBLY FIXTURE
TRACE PLATE SUPPORT FRAME WELDMENT (48"H x 56"W NOM PANEL)

DSN: L. MORRIS	11-19-07	DRAWING NO:
CHK: M. COLE	11-19-07	SE185-324
ENGR: T. BROWN	11-19-07	
SUPV: J. SIEGEL	11-19-07	SHEET 1 OF 1 REV 0

NCSX_ASSY_FORMAT_E