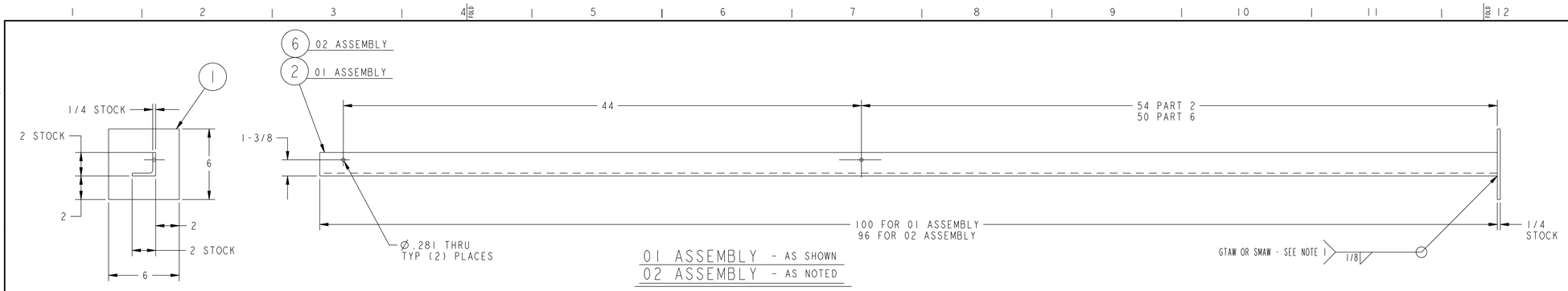
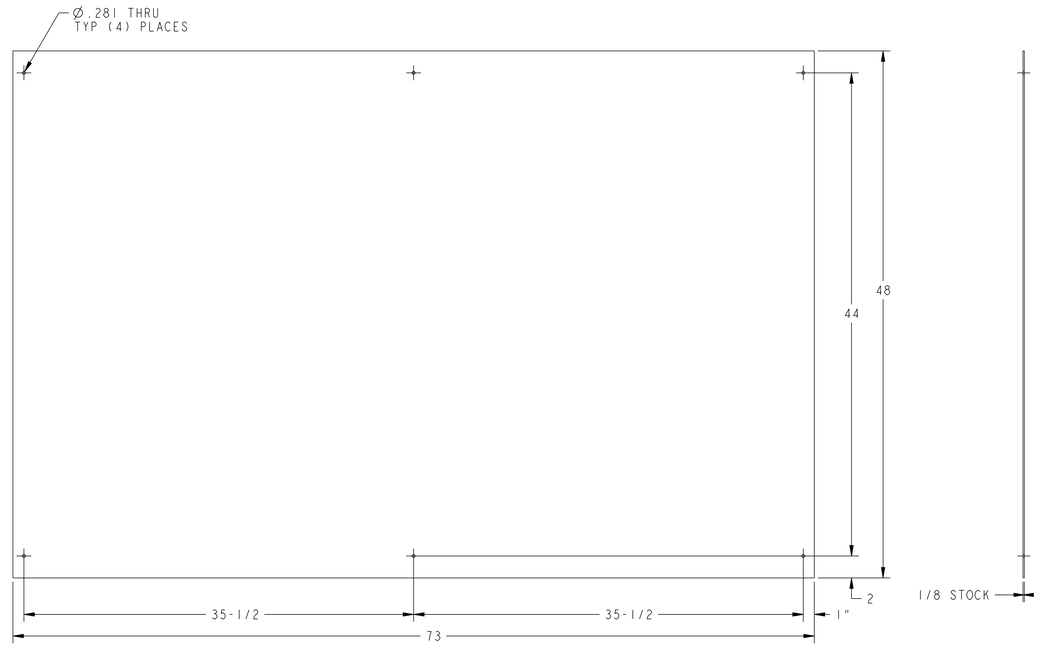
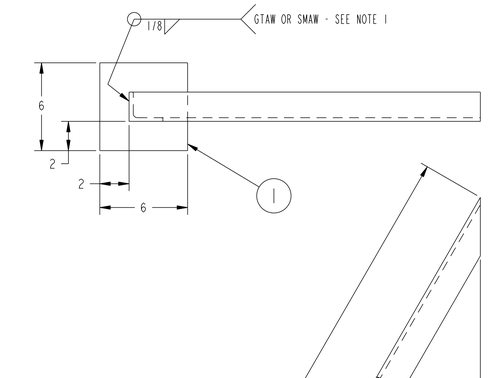
NO.	REVISION	BY	CH	SUP	APPROVED	DATE

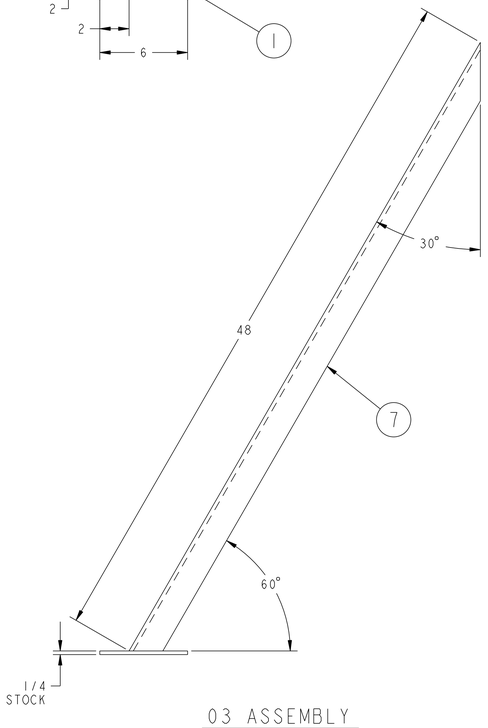


01 ASSEMBLY - AS SHOWN
02 ASSEMBLY - AS NOTED

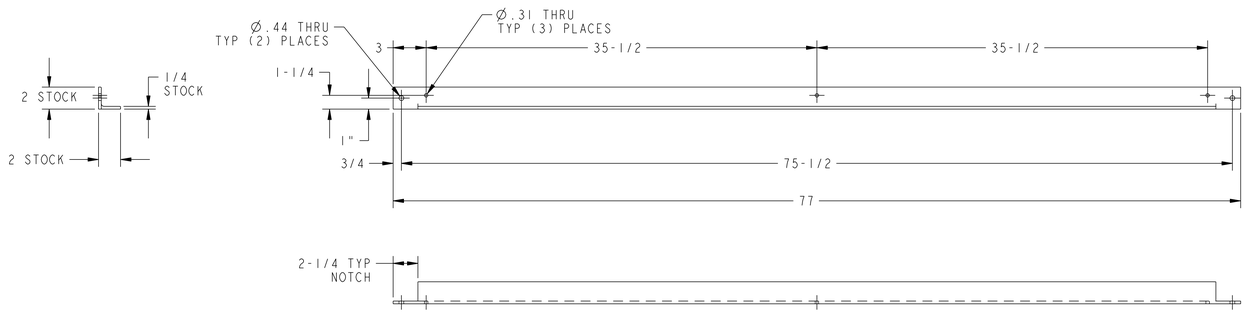


3 UPRIGHT TRACE PLATE

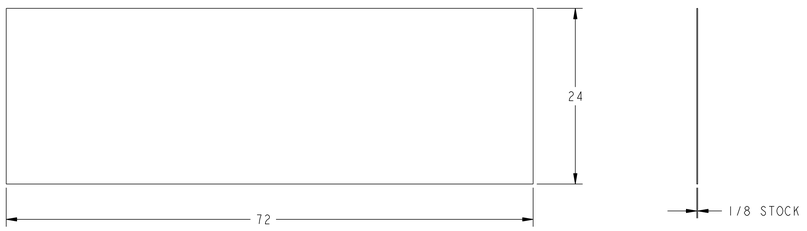




03 ASSEMBLY



4 PLATE SUPPORT ANGLE



5 FLOOR TRACE PLATE

NOTE

1. WELDING TO BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.1 AND PPPL PROCEDURE EM-002. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF AWS D1.1 Section 6.

03 ASSY	02 ASSY	01 ASSY	PART NO.	DRAWING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD
1	—	—	7	THIS DWG	OUTRIGGER ANGLE - 2 x 2 x 1/4 STRUCT ANGLE	ASTM A36	4
—	1	—	6	THIS DWG	UPRIGHT SUPPORT ANGLE - 96"	ASTM A36	2
—	—	—	5	THIS DWG	FLOOR TRACE PLATE	LEXAN	1
—	—	—	4	THIS DWG	PLATE SUPPORT ANGLE	ASTM A36	4
—	—	—	3	THIS DWG	UPRIGHT TRACE PLATE	LEXAN	2
—	—	1	2	THIS DWG	UPRIGHT SUPPORT ANGLE - 100"	ASTM A36	2
1	1	1	1	THIS DWG	BASE PLATE	ASTM A36	4
X	—	—	—	THIS DWG	UPRIGHT SUPPORT OUTRIGGER WELDMENT	———	4
—	X	—	—	THIS DWG	UPRIGHT SUPPORT WELDMENT - 96"	———	2
—	—	X	—	THIS DWG	UPRIGHT SUPPORT WELDMENT - 100"	———	2

PARTS LIST

NCSX-SE1851-017

RELEASED FOR FABRICATION / INSTALLATION

PPPL Drafting: ? Jerry Siegel 2005.06.24 10:30:20 -05'00'

RELEASE LEVEL: FABRICATION
DWG VERSION NO: 3

WEIGHT
30.1 lbs

MODEL NAME
SE1851-017-01

WELDING ENGINEER L. DUDEK 6-22-05

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
MODULAR COILS
PROOF OF CONCEPT
UPRIGHT SUPPORT WELDMENT AND MISCELLANEOUS DETAILS

DSN: L. MORRIS	6-24-05	DRAWING NO: SE1851-017
CHK: T. BROWN	6-24-05	
ENGR: T. BROWN	6-24-05	
SUPV: J. SIEGEL	6-24-05	SHEET 1 OF 1 REV 0

NCSX_ASSY_FORMAT_E