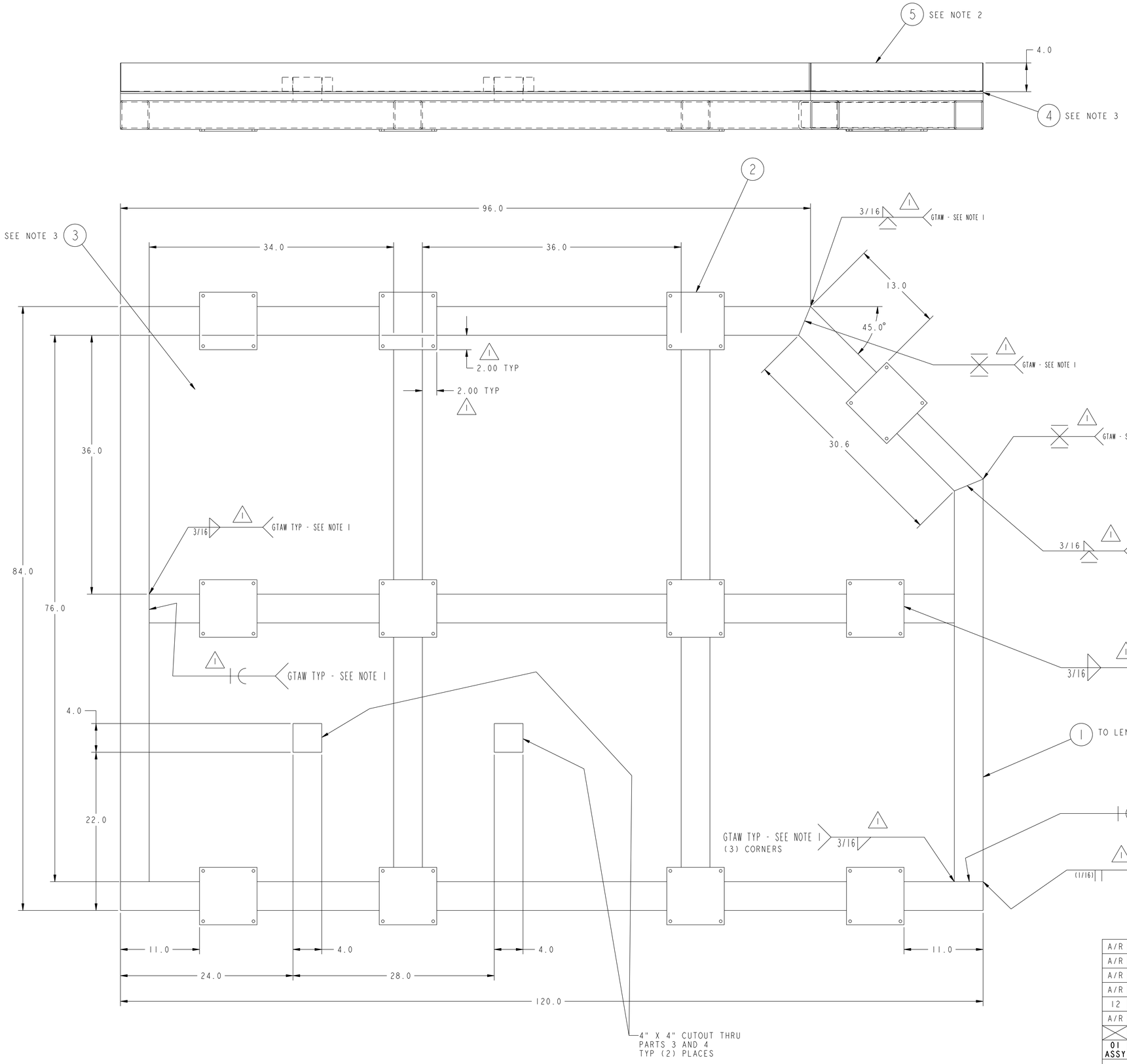
NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN-4853	LM	SR	JS	S.RAFTOPOULOS	4-22-04



BOTTOM VIEW

NOTES

1. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.1 Section 6 AND PPPL PROCEDURE EM-002. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF AWS D1.1 Section 6.
2. KICK ANGLE, PART 5, TO BE FORMED IN SHOP AND HOLES TO BE PRE-PUNCHED FOR MOUNTING TO PLYWOOD THROUGH MASONITE.
3. SELF-TAPPING SCREWS TO BE USED TO SECURE PLYWOOD AND MASONITE PANELS TO SQUARE TUBE FRAMING.
4. FRAMING ANGLE, PART 6, TO BE FORMED IN SHOP AND HOLES TO BE PRE-PUNCHED FOR MOUNTING TO PLYWOOD THROUGH MASONITE.

RELEASED FOR FABRICATION / INSTALLATION

PPPL Drafting: ? Jerry Siegel 2004.04.23 13:07:59 -05'00'

01 ASSY	PART NO.	DRAWING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD
A/R	6	THIS DWG	2" X 2" X 14 GUAGE FORMED ANGLE	ASTM A569	A/R
A/R	5	THIS DWG	4" X 2" X 14 GUAGE FORMED ANGLE	ASTM A569	A/R
A/R	4	THIS DWG	48" X 96" X 1/4" MASONITE	———	A/R
A/R	3	THIS DWG	48" X 96" X 1" PLYWOOD	———	A/R
12	2	SE144-109-5	BASE PLATE	SEE DWG	12
A/R	1	THIS DWG	4" X 4" X 3/16" WALL SQ. STRUCT. TUBE	ASTM A36	A/R
X	——	THIS DWG	UPPER PLATFORM WELDMENT	———	1

PARTS LIST

NCSX-SE144-108

RELEASE LEVEL: Fabrication
DWG VERSION NO: 0

WEIGHT 734.2 lbs

MODEL NAME SE144-108

WELDING ENGINEER R.PARSELLS 4-22-04

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 63

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 COIL WINDING FACILITY
VPI SUPPORT STAND
UPPER PLATFORM WELDMENT

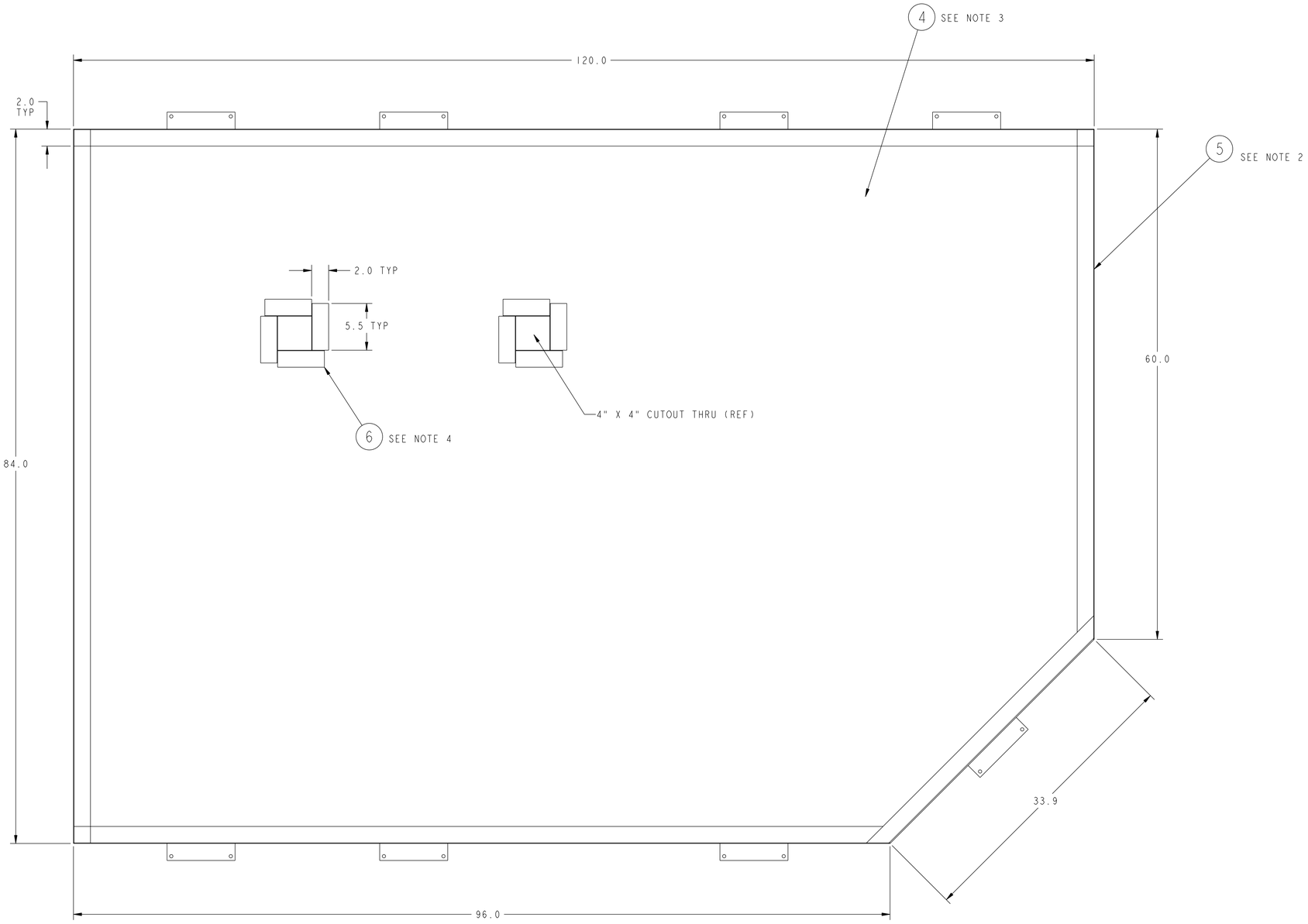
DSN: L. MORRIS
CHK: S.RAFTOPOULOS
ENGR: S.RAFTOPOULOS
SUPV: J. SIEGEL

DRAWING NO: SE144-108

SHEET 1 OF 2 REV 1

NCSX_ASSY_FORMAT_E

NO.	REVISION	BY	CH	SUP	APPROVED	DATE



TOP VIEW

RELEASED FOR FABRICATION / INSTALLATION

PPPL Drafting: Jerry Siegel 2004.04.23 13:07:59 -05'00'

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

NCSX-SE144-108

RELEASE LEVEL: Fabrication
DWG VERSION NO: 0

WEIGHT
734.2 lbs

MODEL NAME
SE144-108

WELDING ENGINEER

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
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PRINCETON PLASMA PHYSICS LABORATORY
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UPPER PLATFORM WELDMENT

DSN: L. MORRIS
CHK: S.RAFTOPOULOS
ENGR: S.RAFTOPOULOS
SUPV: J. SIEGEL

DRAWING NO:
SE144-108

SHEET 2 OF 2 REV 1

NCSX_ASSY_FORMAT_E