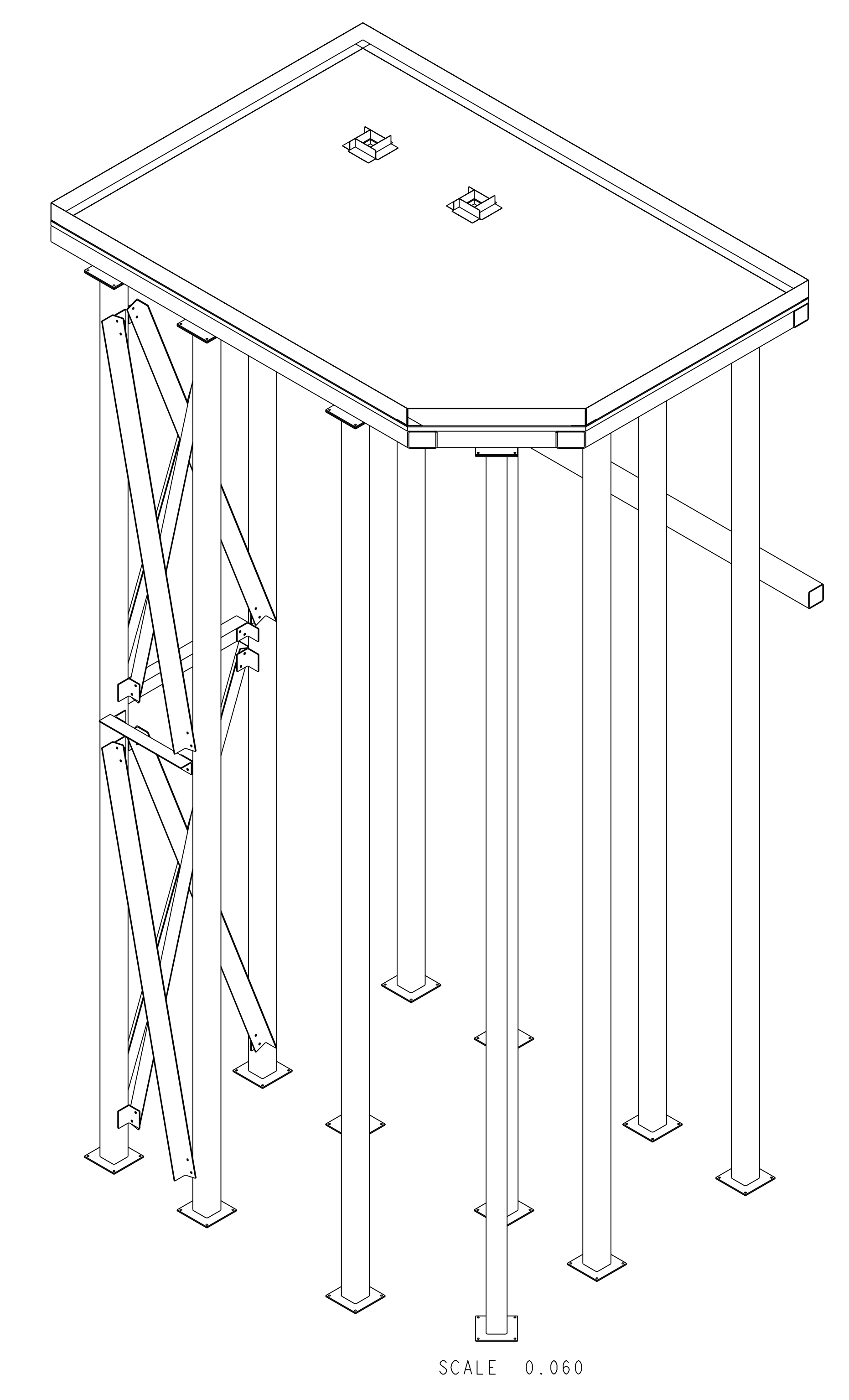
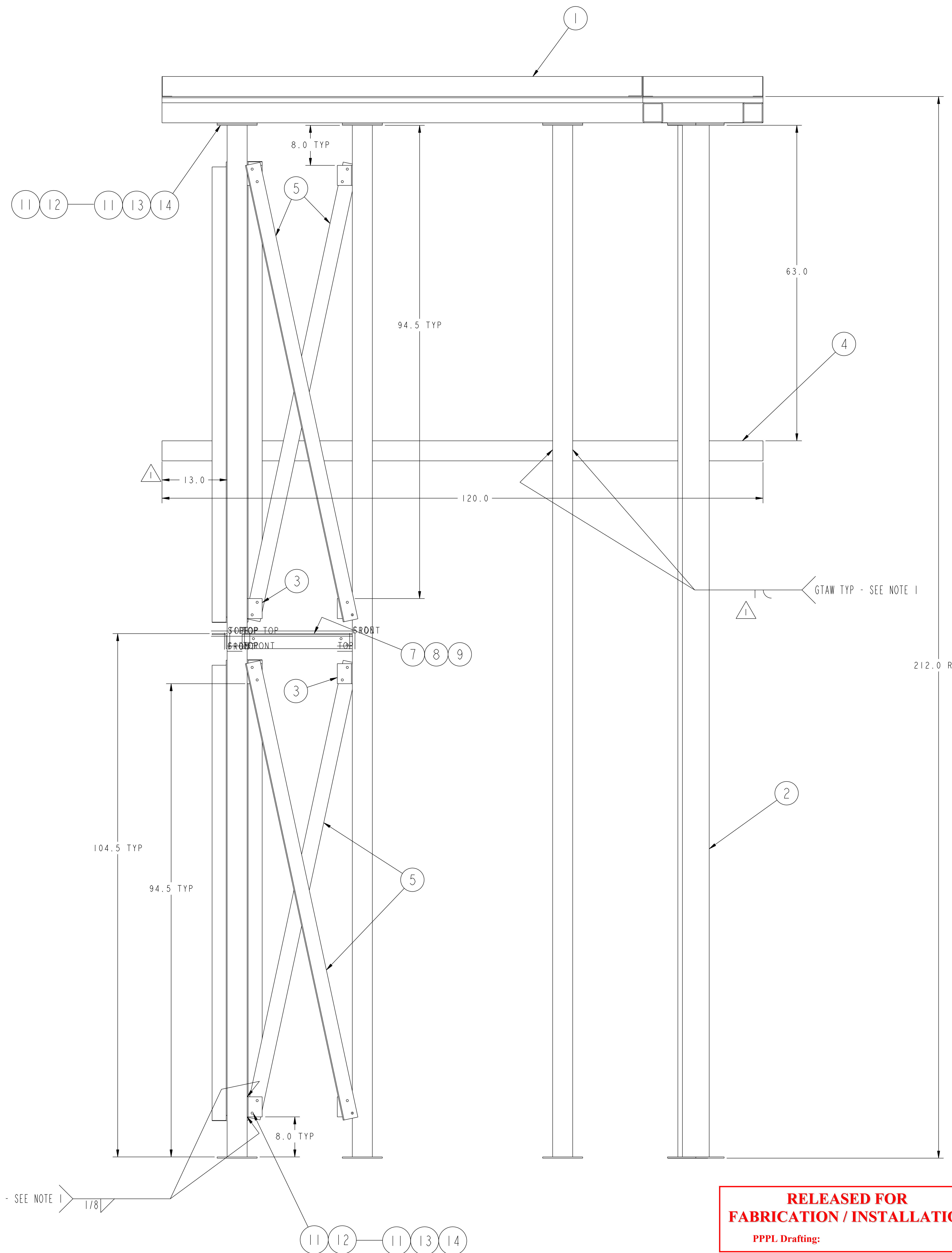


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN-4853	LM	SR	JS	S. RAFTOPOULOS	4-22-04



SCALE 0.060

**NOTE**  
 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.

PART NO.	DRAWING NO.	DESCRIPTION	MATERIAL	QTY	RECD
64	14	COMM	3/8-16UNC-2B HEX NUT		
64	13	COMM	3/8 SPLIT LOCK WASHER		
64	12	COMM	3/8-16UNC-2A X 1 1/2" LG H.H.C.S.		
128	11	COMM	3/8 NOM FLAT WASHER		
1	10	SE144-110-11	HORIZONTAL BRACE - 36" LG		
1	9	SE144-110-10	HORIZONTAL BRACE - 22" LG		
2	8	SE144-110-9	HORIZONTAL BRACE CLIP ANGLE - OPPOSITE		
2	7	SE144-110-8	HORIZONTAL BRACE CLIP ANGLE - AS SHOWN		
4	6	SE144-110-7	BRACE ANGLE (97 3/8" LG)		
4	5	SE144-110-6	BRACE ANGLE (93 1/4" LG)		
1	4	THIS DWG	4" X 4" X 3/16" WALL SQ. STRUCT. TUBE X 120" LG		
16	3	SE144-110-1	LEG BRACE CLIP ANGLE		
12	2	SE144-109-04	SUPPORT LEG WELDMENT - TYPE D		
1	1	SE144-108	UPPER PLATFORM WELDMENT		
01	---	THIS DWG	PLATFORM TOWER ASSEMBLY - UPPER PLATFORM		

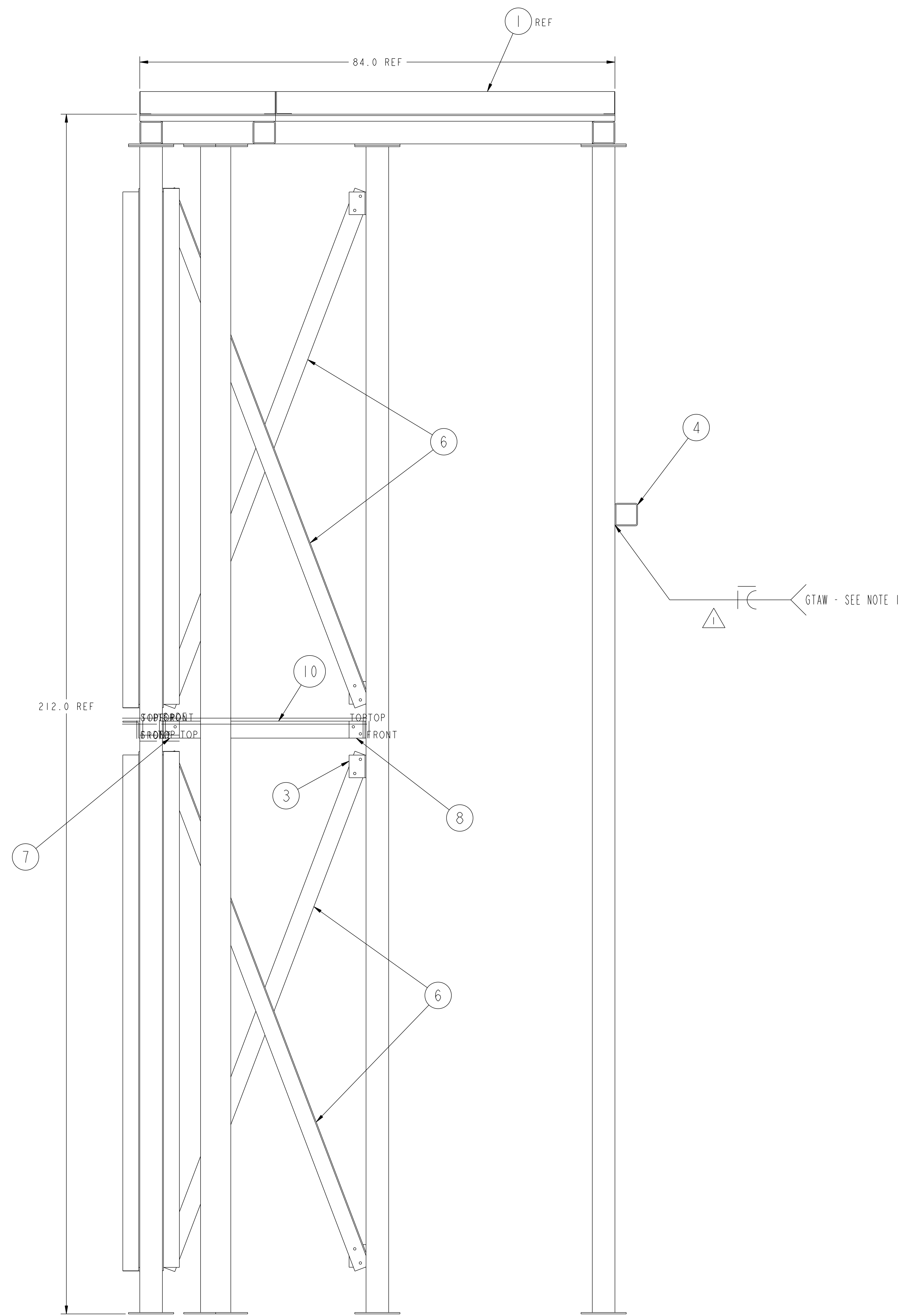
COMPUTER GENERATED DRAWING		CENTRAL FILES:		PRINCETON PLASMA PHYSICS LABORATORY	
MANUAL CHANGES NOT PERMITTED		UNLESS OTHERWISE SPECIFIED		NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING		BREAK SHARP EDGES .005/.020		MODULAR COIL WINDING FACILITY	
TOLERANCES NON-CUMULATIVE		DSN: L. MORRIS		VPI SUPPORT STAND	
DECIMAL-INCH FRACTIONS		CHK: S. RAFTOPOULOS		PLATFORM TOWER ASSEMBLY - UPPER PLATFORM	
NEXT ASSEMBLY		ENGR: S. RAFTOPOULOS		DRAWING NO:	
WELDING ENGINEER: R. PARSELLS 4-22-04		SUPV: J. SIEGEL		SE144-105	
WEIGHT: 8338.8 lbs		SHEET 1 OF 2		REV I	
MODEL NAME: SE144-105		DWG VERSION NO:			

**RELEASED FOR FABRICATION / INSTALLATION**  
 PPPL Drafting:

GTAW TYP - SEE NOTE 1

NCSX-SE144-105

NO.	REVISION	BY	CH	SUP	APPROVED	DATE



**RELEASED FOR  
FABRICATION / INSTALLATION**  
PPPL Drafting:

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

**RELEASE LEVEL: Fabrication**  
**DWG VERSION NO: 0**

WEIGHT 8338.8 lbs	COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY	
	Pro E	UNLESS OTHERWISE SPECIFIED	<b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b>	
MODEL NAME SE144-105	DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES	MODULAR COIL WINDING FACILITY VPI SUPPORT STAND	
	NEXT ASSEMBLY	BREAK SHARP EDGES .005/.020	PLATFORM TOWER ASSEMBLY - UPPER PLATFORM	
WELDING ENGINEER	TOLERANCES NON-CUMULATIVE	DECIMAL-INCH FRACTIONS	DSN: L. MORRIS	DRAWING NO:
		.XX ±.000 0"-.125" ±.0156 .XXX ±.005 12"-.125" ±.0156 ANGULAR ±.0°-.15° OVER 120° ±.1°-1.12°	CHK: S. RAFTOPOULOS	<b>SE144-105</b>
			ENGR: S. RAFTOPOULOS	SHEET 2 OF 2
			SUPV: J. SIEGEL	REV 1