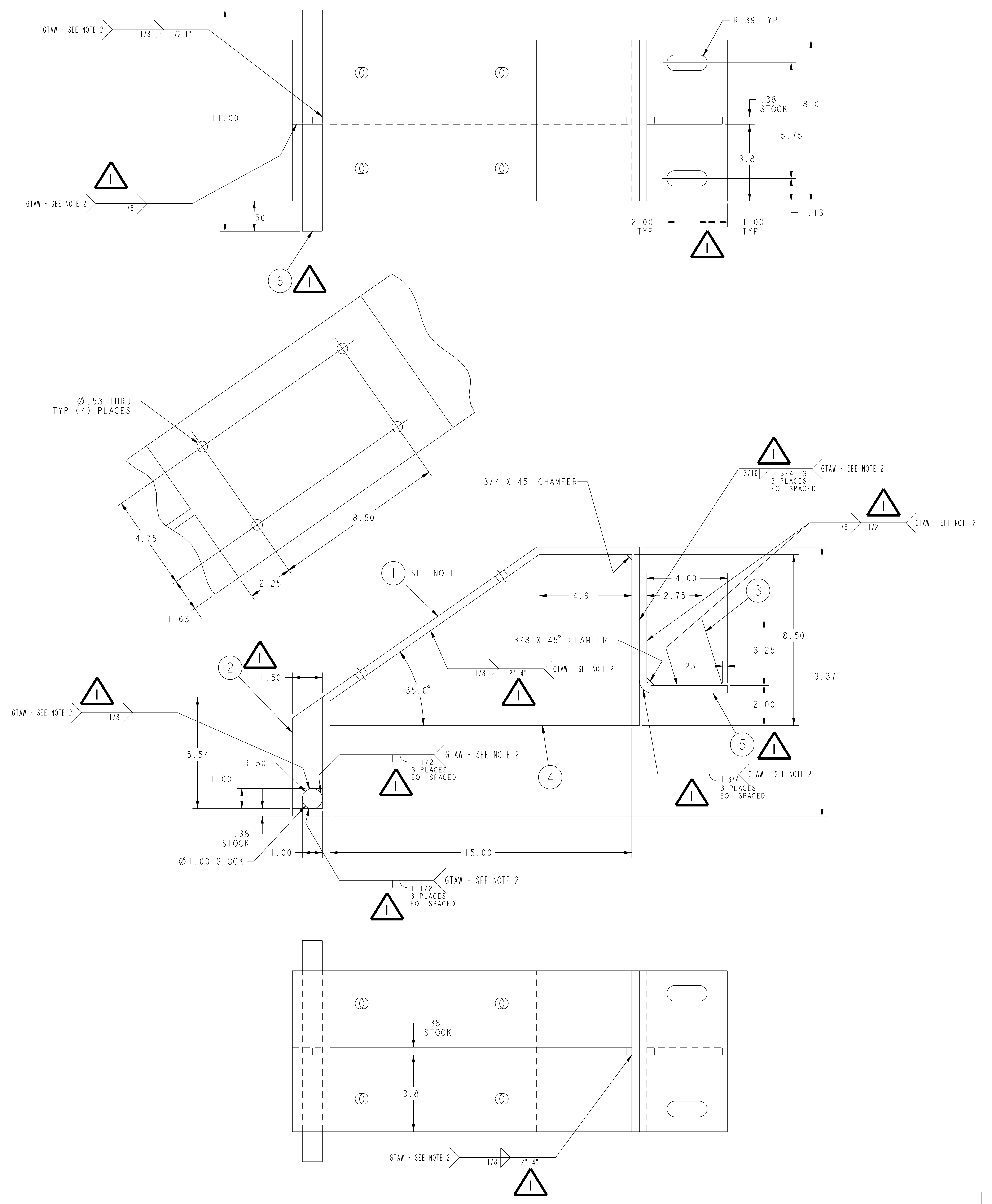


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN-4871	LM	SR	JS	S. RAFTOPOULOS	6-23-04



**NOTES**

1. MOTOR SUPPORT BRACKET, PART 1, CAN BE FORMED FROM ONE PIECE OR WELDED USING 3/8" STOCK AS REQ'D WITH 1/8" FILLET WELDS.
2. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.1 AND/OR PPPL PROCEDURE EM-002. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF AWS D1.1 Section 6.

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

QI ASSY	PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD
	6	THIS DWG	PIVOT SHAFT	ASTM A108	4
	5	THIS DWG	SPRING SUPPORT ANGLE	ASTM A36	4
	4	THIS DWG	MAIN SUPPORT GUSSET	ASTM A36	4
	3	THIS DWG	SPRING SUPPORT ANGLE GUSSET	ASTM A36	4
	2	THIS DWG	SUPPORT GUSSET - TALL	ASTM A36	4
	1	THIS DWG	MOTOR SUPPORT BRACKET	ASTM A36	4
		THIS DWG	MOTOR SUPPORT STAND WELDMNT		4

PARTS LIST					
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY <b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b>			
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES UNLESS OTHERWISE SPECIFIED	MODULAR COIL ASSEMBLY WINDING SUPPORT FRAME REDUCTOR AND MOTOR SUPPORT STAND WELDMNT			
SCALE: 1/2	TOLERANCES NON-CUMULATIVE	DSN: L. MORRIS	12-23-03	DRAWING NO:	
NEXT ASSEMBLY	DECIMAL-INCH FRACTIONS	CHK: S. RAFTOPOULOS	12-23-03	<b>SE144-012</b>	
	.XX ±.000 .XXX ±.005 ANGULAR ±.0°-15'	ENGR: S. RAFTOPOULOS	12-23-03	SUPV: J. SIEGEL	12-23-03
WEIGHT 48.3 lbs	MODEL NAME SE144-012	WELDING ENGINEER		SHEET 1 OF 1	REV 1

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

NCSX-SE144-012

K