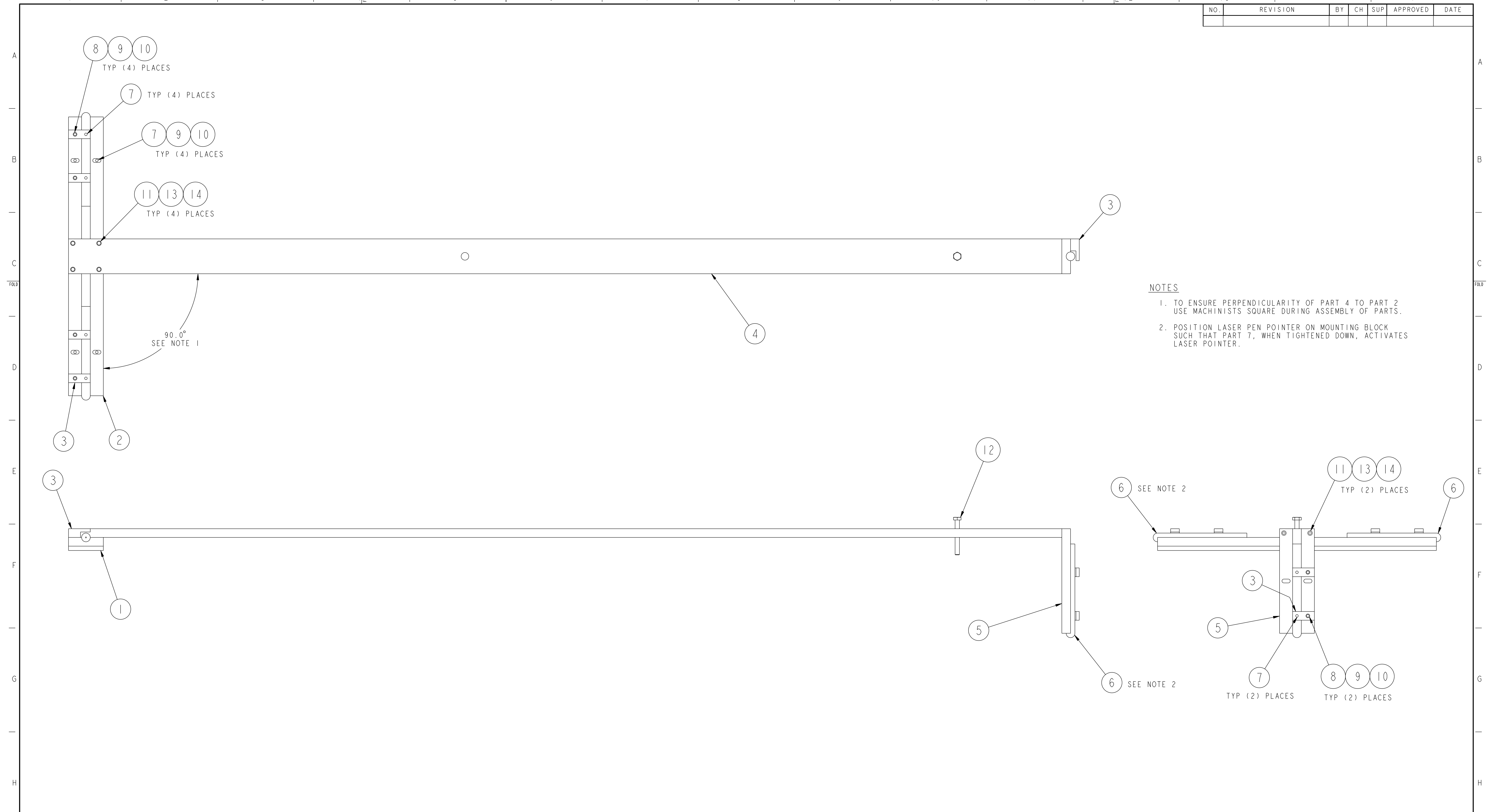


NO.	REVISION	BY	CH	SUP	APPROVED	DATE



- NOTES**
1. TO ENSURE PERPENDICULARITY OF PART 4 TO PART 2 USE MACHINISTS SQUARE DURING ASSEMBLY OF PARTS.
 2. POSITION LASER PEN POINTER ON MOUNTING BLOCK SUCH THAT PART 7, WHEN TIGHTENED DOWN, ACTIVATES LASER POINTER.

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

QTY	PART NO.	DESCRIPTION	UNIT	QTY REQD
6	14	COMM	1/4 SPLIT LOCK WASHER	C'STL - ZN PLT
6	13	COMM	1/4 NOM FLAT WASHER	C'STL - ZN PLT
1	12	COMM	1/4-20UNC-2A x 2" LG HEX HD CAP SCR	C'STL - ZN PLT
6	11	COMM	1/4-20UNC-2A x 1" LG HEX HD MACH SCR	C'STL - ZN PLT
10	10	COMM	#10 SPLIT LOCK WASHER	C'STL - ZN PLT
10	9	COMM	#10 (Ø .190 NOM) FLAT WASHER	C'STL - ZN PLT
6	8	COMM	#10-24UNC-2A x 1" LG HEX HD MACH SCR	C'STL - ZN PLT
10	7	COMM	#10-24UNC-2A x 7/8" LG HEX HD MACH SCR	C'STL - ZN PLT
3	6	COMM	LASER PEN POINTER - CLASS 111A	---
1	5	SE1851-021-5	LASER PEN MOUNTING BLOCK - SINGLE PEN	SEE DWG
1	4	SE1851-021-4	LASER PEN BASE PLATE - SINGLE PEN	SEE DWG
6	3	SE1851-021-3	LASER PEN RETAINER BLOCK	SEE DWG
1	2	SE1851-021-2	LASER PEN MOUNTING BLOCK - DUAL PEN	SEE DWG
1	1	SE1851-021-1	LASER PEN BASE PLATE - DUAL PEN	SEE DWG
1	1	THIS DWG	LASER PEN MTG ASSY - MULTIPLE PENS	---
61	1	THIS DWG	LASER PEN MTG ASSY - MULTIPLE PENS	---

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES MACHINE SURFACES B: ±.000 .XX ±.000 .XXX ±.005 ANGULAR: ±.0°-15'	PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLARATOR EXPERIMENT MODULAR COILS PROOF OF CONCEPT LASER PEN MOUNTING ASSEMBLY - MULTIPLE PENS DSN: L. MORRIS 7-15-05 CHK: T. BROWN 7-15-05 ENGR: T. BROWN 7-15-05 SUPV: J. SIEGEL 7-15-05	DRAWING NO: SE1851-022 SHEET 1 OF 1
WEIGHT 27.9 lbs	MODEL NAME SE1851-022-01	WELDING ENGINEER	REV 0

RELEASE LEVEL: FABRICATION
DWG VERSION NO: 1

NCSX-SE1851-022