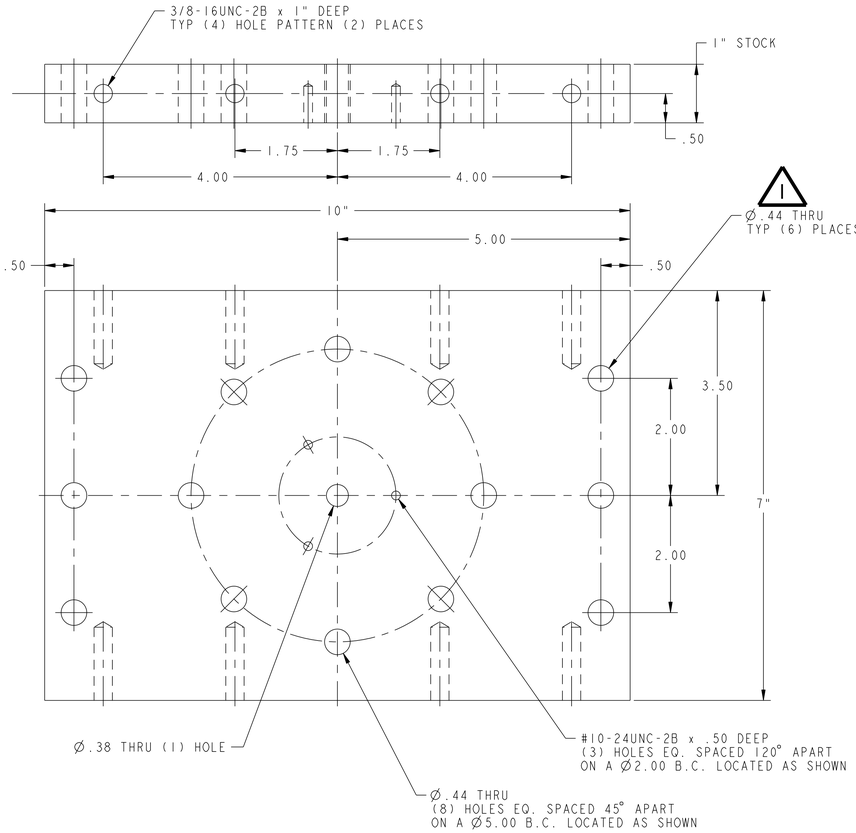
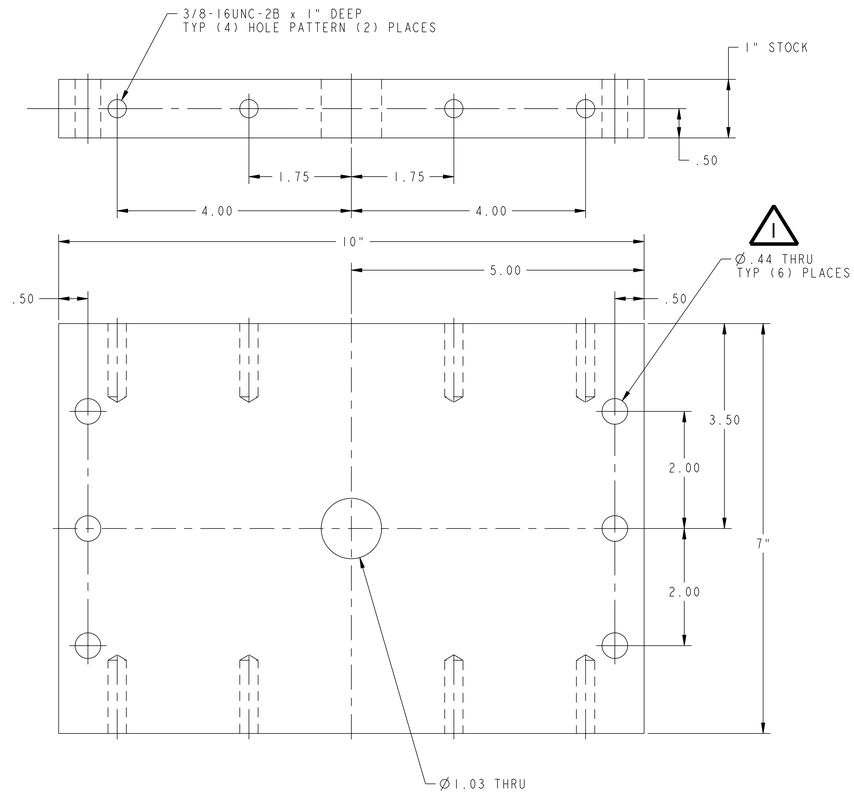
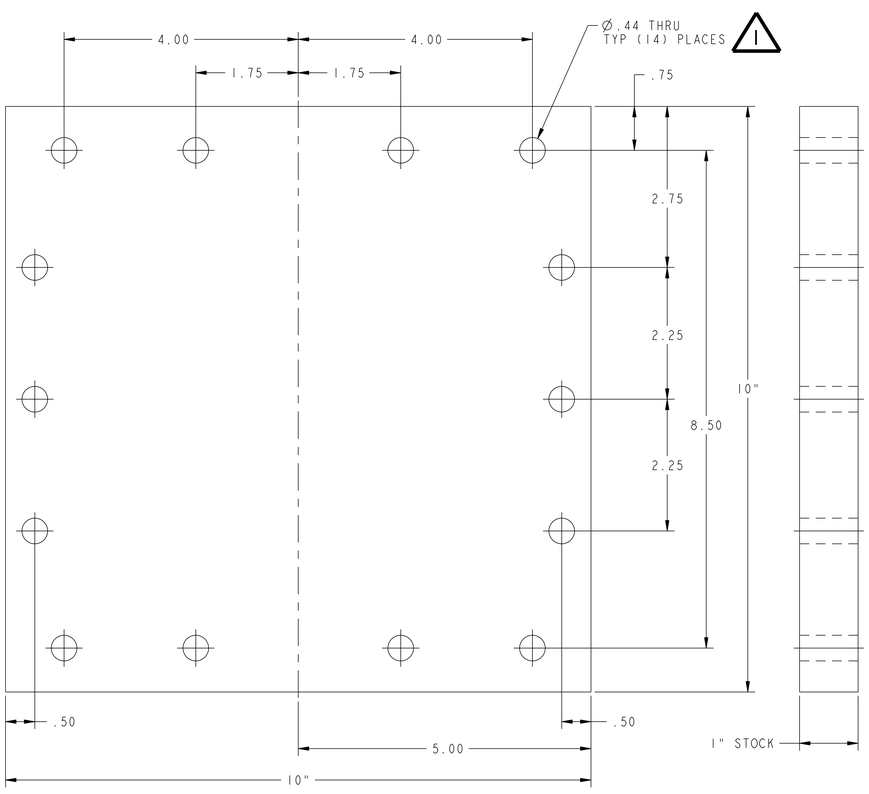
NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	REVISED PER ECN-	LM	TB	JS	T. BROWN	5-11-06



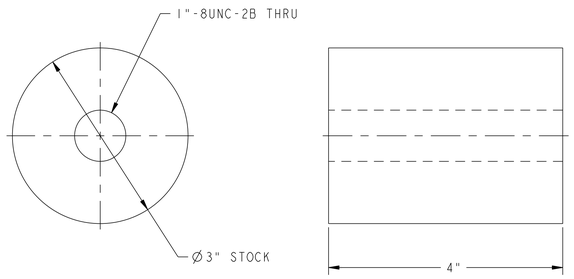
1 LIFTING BASE PLATE



2 LIFTING TOP PLATE



3 LIFTING SIDE PLATE



4 LIFTING CYLINDER

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD
6	THIS DWG	FILLER PLATE	ASTM A36	2
5	THIS DWG	LASER POINTER MOUNTING FLANGE	ALUM 6061-T6	1
4	THIS DWG	LIFTING CYLINDER	ASTM A36	1
3	THIS DWG	LIFTING SIDE PLATE	ASTM A36	2
2	THIS DWG	LIFTING TOP PLATE	ASTM A36	1
1	THIS DWG	LIFTING BASE PLATE	ASTM A36	1

PARTS LIST

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 125

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

WEIGHT
~~19.7 lbs.~~

MODEL NAME
SE184-009-6

WELDING ENGINEER

RELEASE LEVEL: WIP
DWG VERSION NO: 0

PRINCETON PLASMA PHYSICS LABORATORY
PRINCETON UNIVERSITY
NATIONAL COMPACT STELLARATOR EXPERIMENT

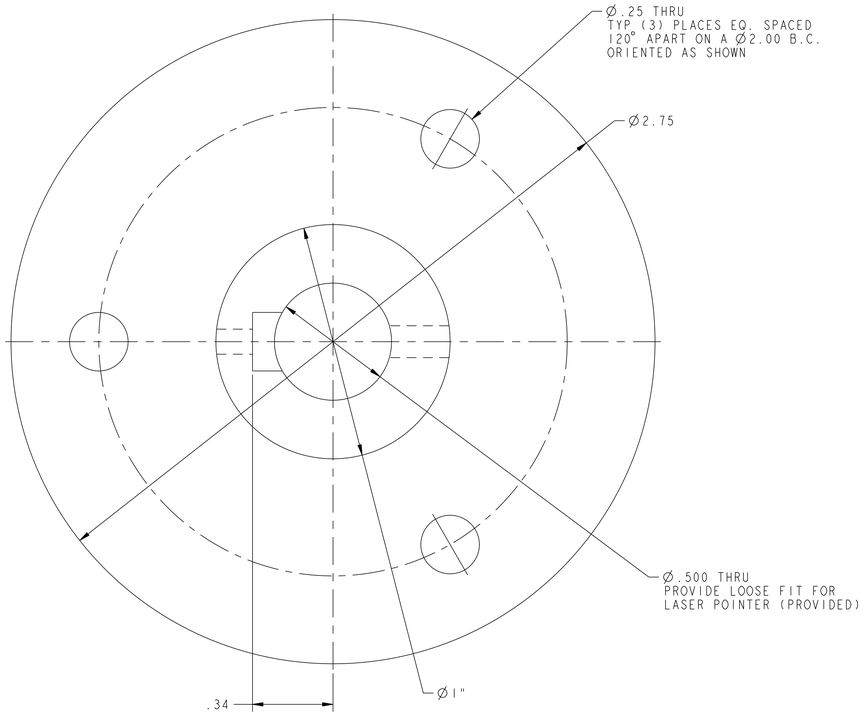
EXTERNAL FLUX LOOPS
VACUUM VESSEL SUPPORT STAND FIXTURE ASSEMBLY
LIFTING FIXTURE DETAILS

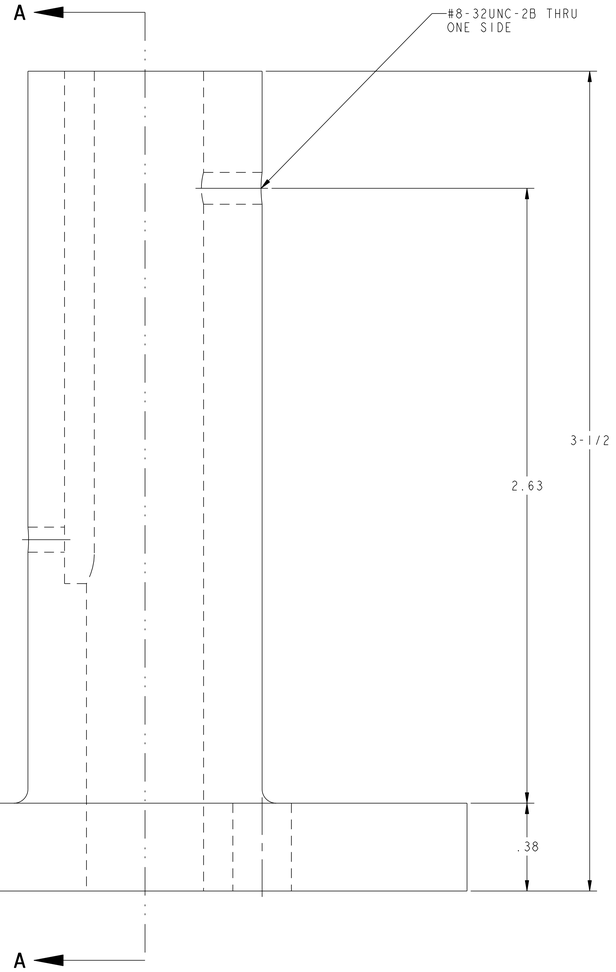
DSN: L. MORRIS	3-29-06	DRAWING NO:
CHK: T. BROWN	3-29-06	SE184-009
ENGR: T. BROWN	3-29-06	
SUPV: J. SIEGEL	3-29-06	SHEET 1 OF 3 REV 0.1

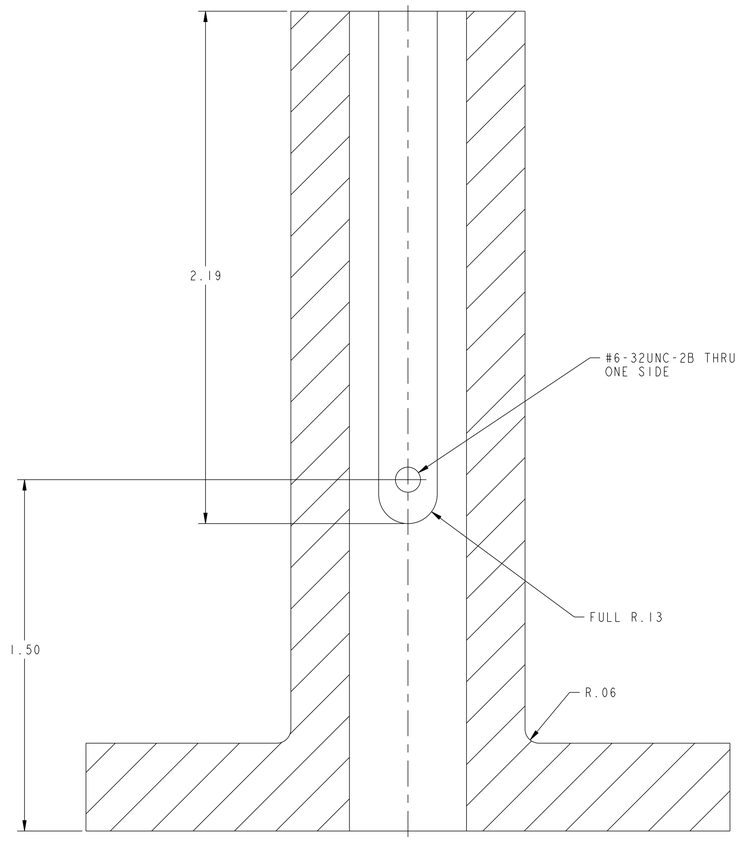
NCSX_PART_FORMAT_E

NCSX-SE184-009

NO.	REVISION	BY	CH	SUP	APPROVED	DATE







SECTION **A-A**

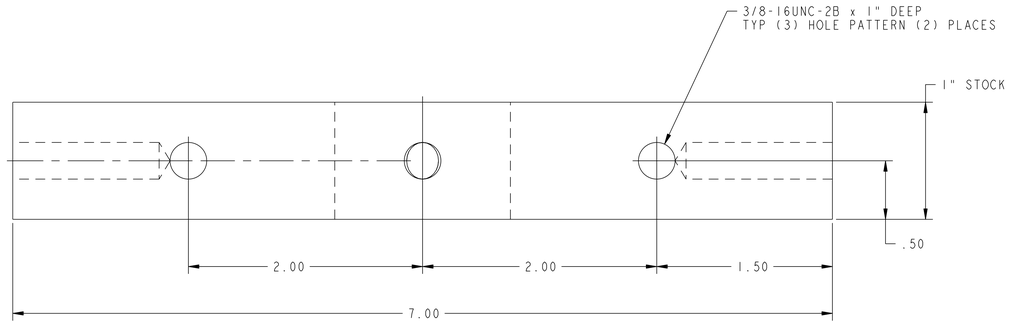
FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

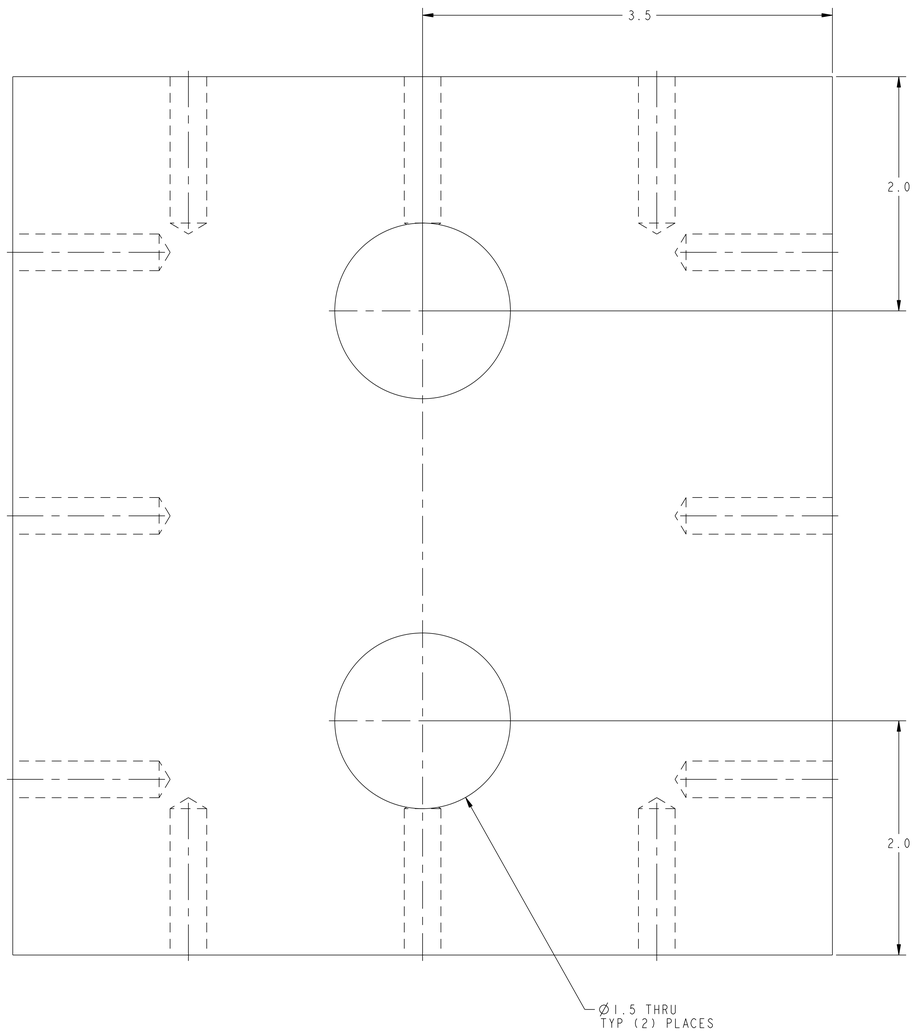
WEIGHT ~~1.1 lbs~~	COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY **NATIONAL COMPACT STELLARATOR EXPERIMENT**
MODEL NAME SE184-009-6	Pro E	DIMENSIONS ARE IN INCHES MACHINE SURFACES 63	EXTERNAL FLUX LOOPS VACUUM VESSEL SUPPORT STAND FIXTURE ASSEMBLY LIFTING FIXTURE DETAILS
RELEASE LEVEL: Fabrication	DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020	
DWG VERSION NO: 0	NEXT ASSEMBLY	TOLERANCES NON-CUMULATIVE	DSN: L. MORRIS 3-29-06 — DRAWING NO:
WELDING ENGINEER		DECIMAL-INCH: .X +/-.100, .XX +/-.030, .XXX +/-.005, ANGULAR +/-0°-15' — FRACTIONS: 0"-12" +/-1/16, 12"-72" +/-1/8, 72"-120" +/-1/4, OVER 120" +/-1/2	CHK: T. BROWN 3-29-06 — **SE184-009**
			ENGR: T. BROWN 3-29-06
			SUPV: J. SIEGEL 3-29-06 — SHEET 2 OF 3 — REV 1.1

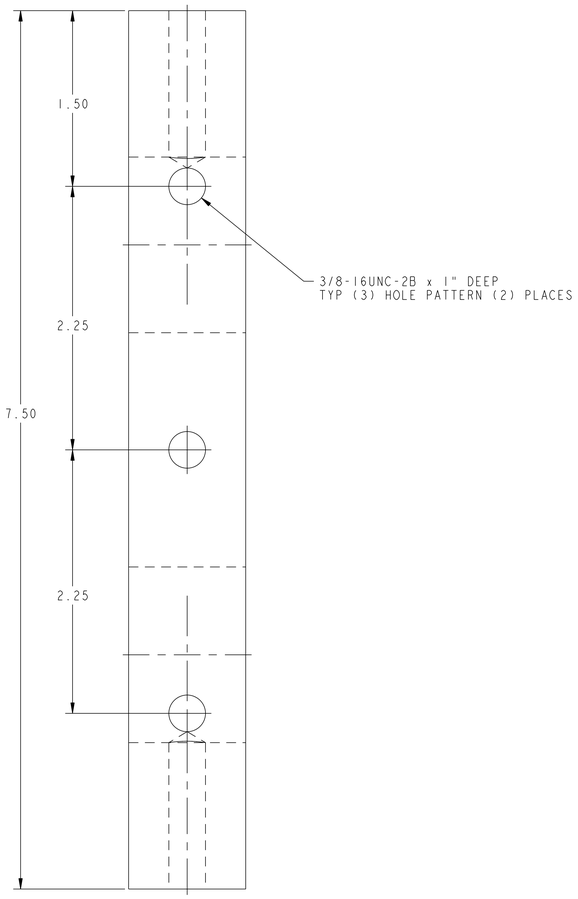
NCSX-SE184-009

NCSX_PART_FORMAT_E

NO.	REVISION	BY	CH	SUP	APPROVED	DATE







1 6 FILLER PLATE

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

RELEASE LEVEL: WIP
DWG VERSION NO: 0

WEIGHT
19.7 lbs

MODEL NAME
SE184-009-6

WELDING ENGINEER

NEXT ASSEMBLY

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED

Pro E

DO NOT VERIFY INFORMATION BY SCALING DRAWING

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

EXTERNAL FLUX LOOPS
VACUUM VESSEL SUPPORT STAND FIXTURE ASSEMBLY
LIFTING FIXTURE DETAILS

DSN: L. MORRIS	5-11-06	DRAWING NO:
CHK: T. BROWN	5-11-06	**SE184-009**
ENGR: T. BROWN	5-11-06	
SUPV: J. SIEGEL	5-11-06	SHEET 3 OF 3 REV: 1.1

NCSX-SE184-009

NCSX_PART_FORMAT_E