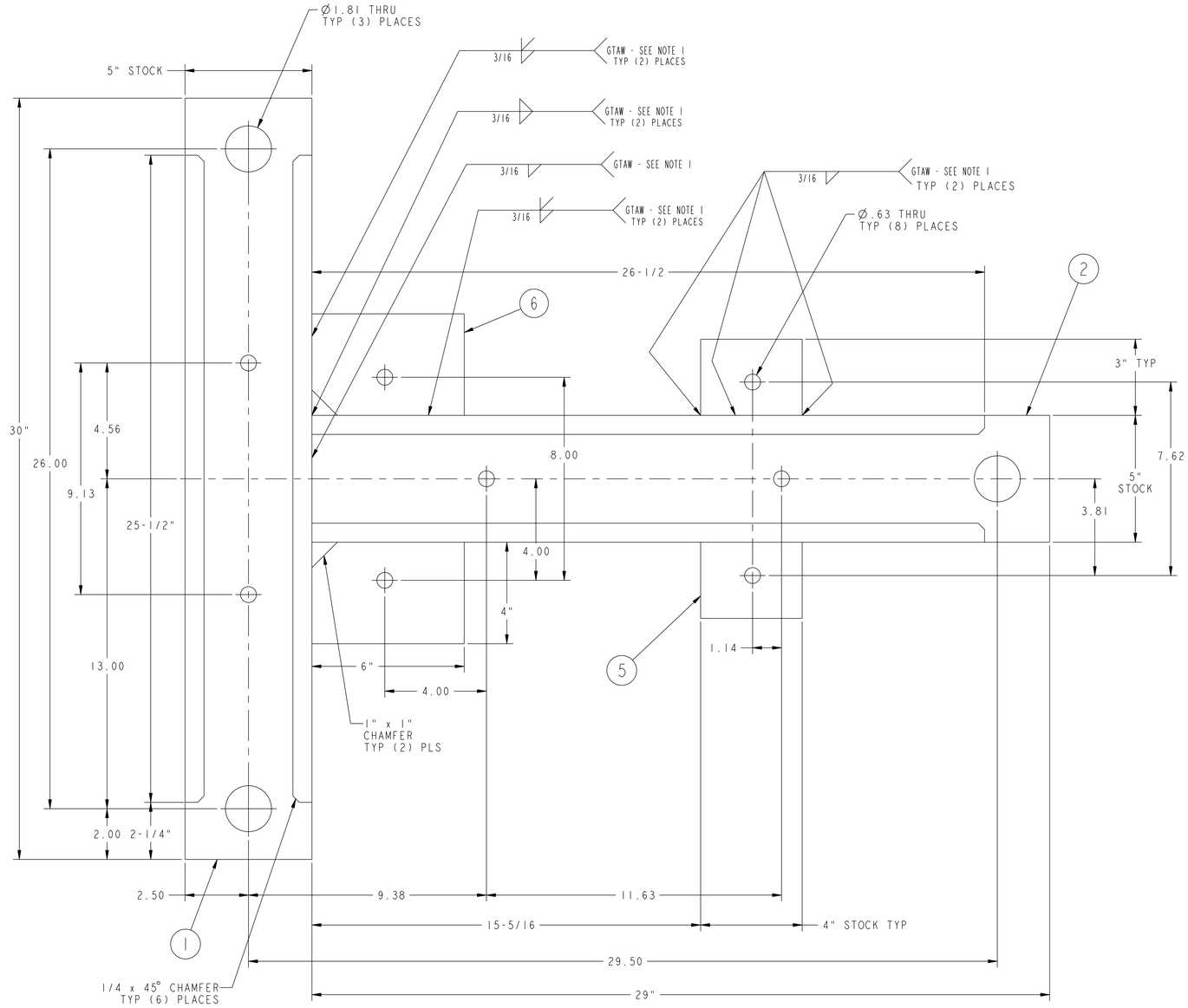
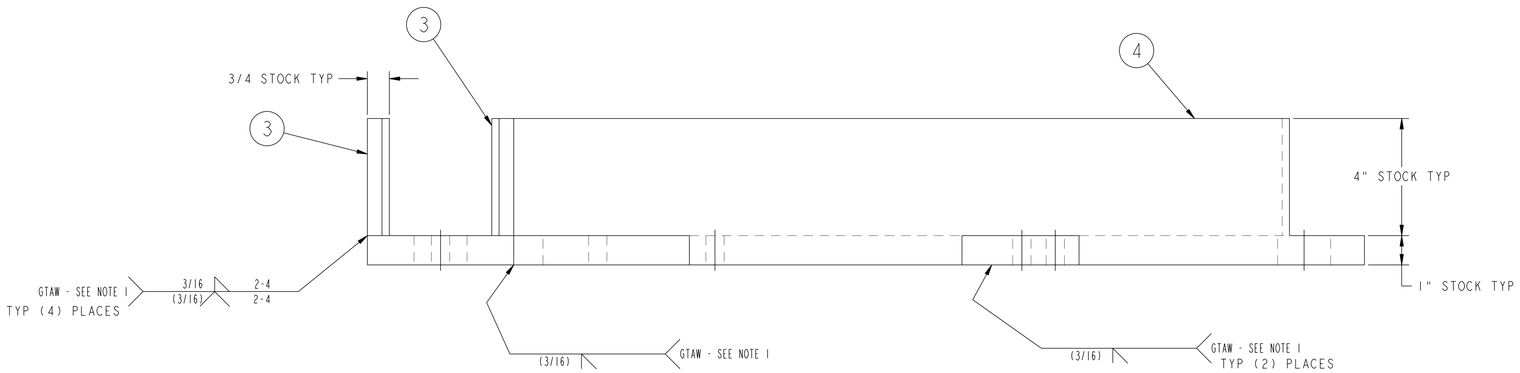
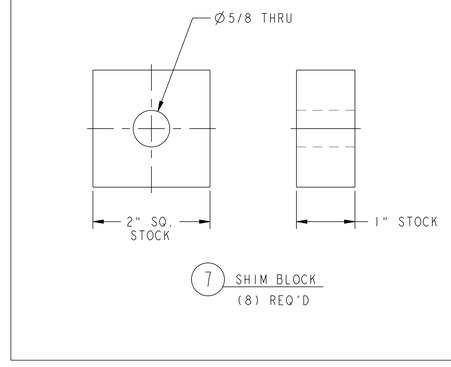
| NO. | REVISION | BY | CH | SUP | APPROVED | DATE |
|---|---|---|---|---|---|---|
| | | | | | | |




NOTES

1. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.1 OR PPPL PROCEDURE ENG-037. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF AWS D1.1 Section 6.
2. ALL HOLES TO BE MACHINED AFTER ALL WELDS ARE COMPLETE.




7 SHIM BLOCK
(8) REQ'D

| 01 ASSY | PART NO. | DRAWING NO. | NOMENCLATURE OR DESCRIPTION | MATERIAL | QTY REQD |
|---|---|---|---|---|---|
| — | 7 | THIS DWG | SHIM BLOCK | ASTM A36 | 8 |
| 2 | 6 | THIS DWG | SUPPORT BLOCK | ASTM A36 | |
| 2 | 5 | THIS DWG | SUPPORT WING | ASTM A36 | |
| 2 | 4 | THIS DWG | REINFORCING BAR - LONG | ASTM A36 | |
| 2 | 3 | THIS DWG | REINFORCING BAR - SHORT | ASTM A36 | |
| 1 | 2 | THIS DWG | BASE BAR - LONG | ASTM A36 | |
| 1 | 1 | THIS DWG | BASE BAR - SHORT | ASTM A36 | |
| X | — | THIS DWG | SUPPORT "TEE" BAR WELDMENT | — | 1 |

PARTS LIST

NCSX-SE184-052

| | | | |
|---|---|---|---|
| COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED | CENTRAL FILES: UNLESS OTHERWISE SPECIFIED | PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY | |
| Pro E | DIMENSIONS ARE IN INCHES MACHINE SURFACES 125 | NATIONAL COMPACT STELLARATOR EXPERIMENT | |
| DO NOT VERIFY INFORMATION BY SCALING DRAWING | BREAK SHARP EDGES .005/.020 | FIELD PERIOD ASSEMBLY VACUUM VESSEL SUPPORT ASSEMBLY SUPPORT "TEE" BAR WELDMENT | |
| | TOLERANCES NON-CUMULATIVE | DSN: L. MORRIS | 8-2-2007 |
| NEXT ASSEMBLY | 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: M. COLE | 8-2-2007 |
| | | ENGR: T. BROWN | 8-2-2007 |
| | | SUPV: J. SIEGEL | 8-2-2007 |
| | | DRAWING NO: SE184-052 | |
| | | SHEET 1 OF 1 | REV |

| WEIGHT | |
|---|---|
| 194.7 lbs | |
| MODEL NAME | |
| SE184-052-01 | |
| WELDING ENGINEER | G.GETTELFINGER 8-2-2007 |

**RELEASE LEVEL: WIP**
**DWG VERSION NO: 11**

NCSX_ASSY_FORMAT_E