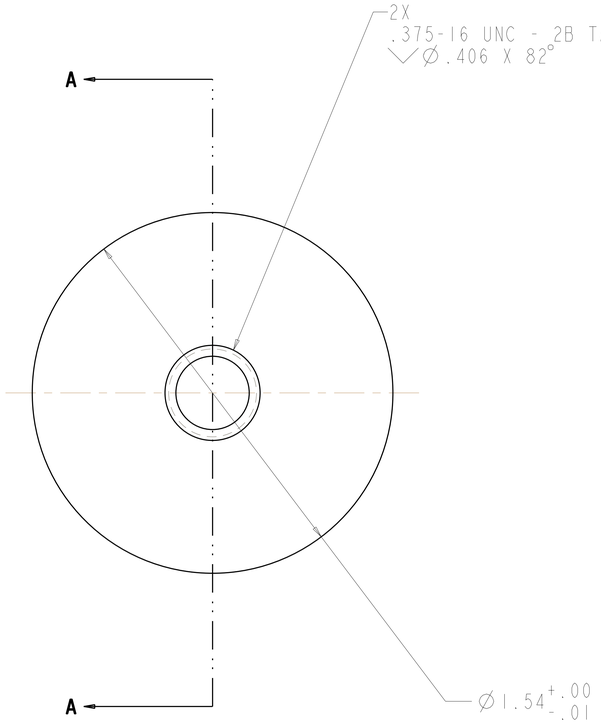
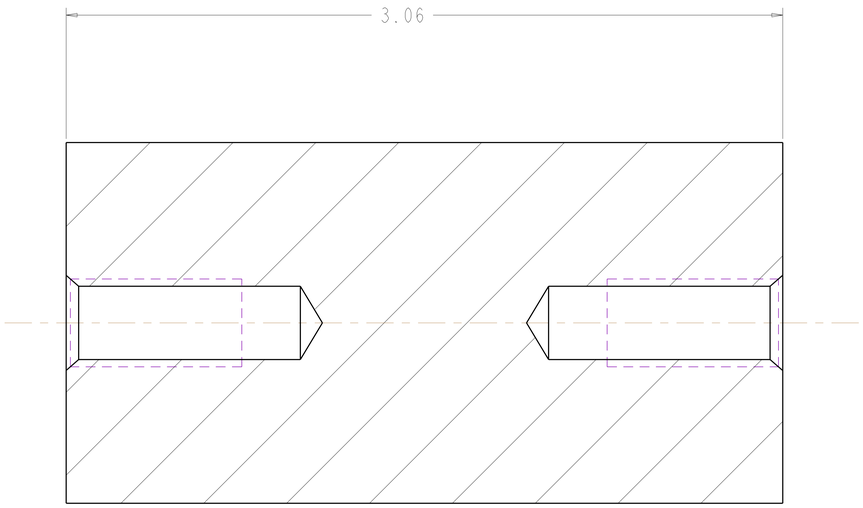
NOTES:

1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1994
3. DIMENSIONS ARE IN INCHES
4. DIMENSIONS APPLY AT ROOM TEMPERATURE.
5. GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES SE142C-282.PRT




1
SCALE 4.00




SECTION A-A

**RELEASED FOR FABRICATION / INSTALLATION**
PPPL Drafting: ? Jerry Siegel 2005.10.17 08:09:24 -05'00'

| next assy | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | -1 | POSTS | C36000 HALF HARD (BRASS) | ASTM B16/B 16M-05 | 1 |
| | SE142C-280 | CAGE CODE | PART OR IDENTIFYING NO | NOMENCLATURE OR DESCRIPTION | MATERIAL | SPECIFICATION | FIND NO |
| | | ← NEXT ASSEMBLY | PARTS LIST | | | | |

SE142C-282

NO REPRESENTATION OR WARRANTY,EXPRESSED OR IMPLIED,IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF, ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES, AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

P THIS DRAWING PRODUCED ON PRO-ENGINEER

| REV | DESCRIPTION | BY | DATE | CHK | DEPT | DATE | PE | REQ | DATE | ORNL | DOE | DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | REVISION OR ISSUE PURPOSE | REVISION APPROVAL | | | | | | | | | | |

SCALE NOTED
TOLERANCES UNLESS OTHERWISE SPECIFIED
FRACTIONS .
XX DECIMALS ±.01
XXX DECIMALS ±.005
ANGLES ±0°15'
BREAK SHARP EDGES .06 MAX
FINISH .125 UNLESS OTHERWISE SPECIFIED

| DRAWING APPROVALS | | DATE |
|---|---|---|
| DES | PJ FOGARTY | 8-29-05 |
| DRW | G LOVETT | 8-29-05 |
| CHK | M COLE | 10-05 |
| SECT | : | : |
| DEPT | : | : |
| PE | D WILLIAMSON | 10-05 |
| CR | : | : |
| PJ | : | : |
| REQ | : | : |
| PPPL DRFT | J SIEGEL | 10-05 |
| | : | : |
| | : | : |

UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-000R22725
UT-BATTELLE, LLC. Oak Ridge, Tennessee

PROJECT NAME: NATIONAL COMPACT STELLARATOR EXPERIMENT

FIXTURE ALIGNMENT POSTS

| VERSION NO. | PLANT | BLDG | FL | SHT | OF | TYPE | CLASS |
|---|---|---|---|---|---|---|---|
| 6 | X-10 | 5700 | 3 | 1 | 1 | S | U |

RELEASE LEVEL: Fabrication
SE142C-282
REV: 0