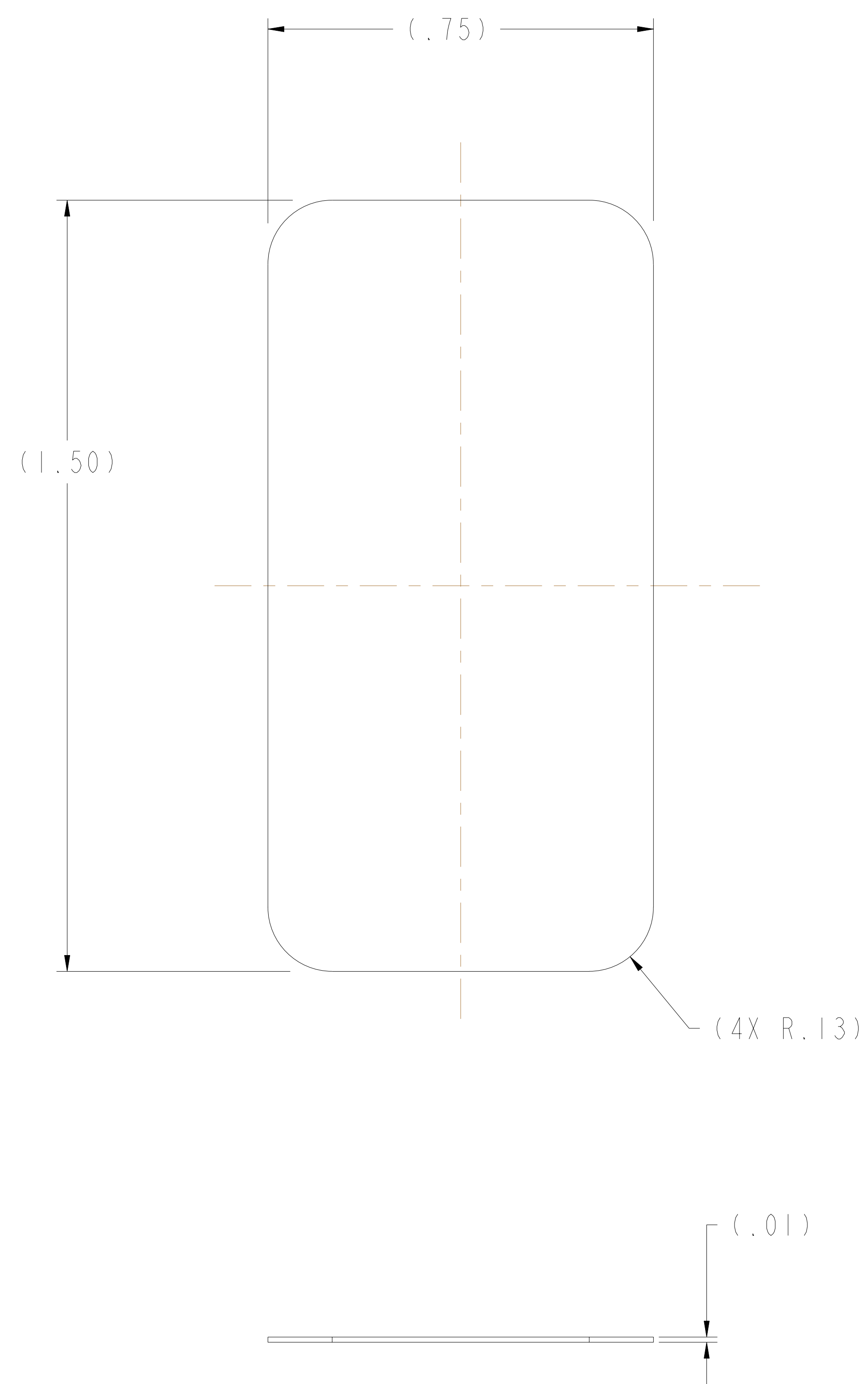


NOTES:

1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2000.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
3. DIMENSIONS ARE IN INCHES.
4. MAGNETIC PERMABILITY SHALL NOT EXCEED 1.02 AS TESTED BY A SEVERN-TYPE INDICATOR. AVAILABLE FROM:

SEVERN ENGINEERING COMPANY
 555 OLD STAGE ROAD SUITE 14
 AUBURN, ALABAMA 36830



1 LOCKING TAB
 SCALE: 6 : 1

DIMENSIONS FOR REFERENCE ONLY
 FIELD FABRICATE AS REQUIRED

4

| | | | | | |
|-------------|-----------|------------------------|-----------------------------|----------|---------------|
| AR | -1 | LOCKING TAB | UNS S31600 | | |
| SE 142C-306 | CAGE CODE | PART OR IDENTIFYING NO | NOMENCLATURE OR DESCRIPTION | MATERIAL | SPECIFICATION |
| | | | | | FIN NO |
| | | NEXT ASSEMBLY | PARTS LIST | | |

RELEASED FOR FABRICATION / INSTALLATION
 PPPL Drafting

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

| REV | DESCRIPTION | BY | DATE | CHK | DEPT | DATE | PE | REQ | DATE | ORNL | DOE | DATE |
|---------------------------|-----------------|-----|------|-----|------|------|----|-----|------|------|-----|------|
| 0 | INITIAL RELEASE | GLL | | | | | | | | | | |
| REVISION OR ISSUE PURPOSE | | | | | | | | | | | | |
| REVISION APPROVAL | | | | | | | | | | | | |

| | | | | | | | | | | | | |
|--|-------------------------|--|--|-------|-------------|----|-------------|----|------|-------|--|--|
| SCALE NOTED | DES: D WILLIAMSON 07/07 | UT-BATTELLE NATIONAL COMPACT STELLARATOR EXPERIMENT | Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC Oak Ridge, Tennessee PROJECT NAME | | | | | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | DRW: G LOVETT 07/07 | | VERSION NO. | PLANT | BLDG | FL | SHT | OF | TYPE | CLASS | | |
| FRACTIONS | CHK: ROGER MOON 07/07 | | 6 | X-10 | 5700 | 3 | 1 | 1 | S | U | | |
| XX DECIMALS ± .01 | SECT: | | RELEASE LEVEL | | Fabrication | | SE 142C-306 | | | REV | | |
| XXX DECIMALS ± .005 | DEPT: | | | | | | | 0 | | | | |
| ANGLES ± 0°15' | PE: D WILLIAMSON 07/07 | | | | | | | | | | | |
| BREAK SHARP EDGES .06 MAX | CR: | | | | | | | | | | | |
| FINISH .125 UNLESS OTHERWISE SPECIFIED | PJ: | | | | | | | | | | | |
| | REG: | | | | | | | | | | | |
| | REQ: | | | | | | | | | | | |
| | PPPL DFT J STEGEL 07/07 | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | DRAWING APPROVALS | | | | | | | | | | | |