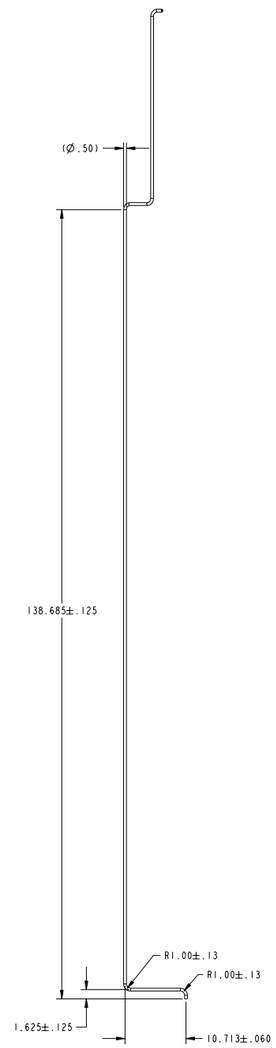
NEXT ASS'Y: | FINAL ASS'Y:

## NOTES

1. INTERPRET DRAWING PER GLOBAL ENGINEERING DOCUMENTS DRAWING REQUIREMENTS MANUAL.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M.
3. DIMENSIONS ARE IN INCHES.
4. 1/2" OD TUBING SHALL BE McMASTER CARR CATALOG No. 89895K29. McMASTER CARR CATALOG SUPPLY COMPANY IS LOCATED AT 6100 FULTON INDUSTRIAL BOULEVARD, ATLANTA, GA 30336-2852.

PLAN VIEW




SIDE VIEW
SCALE 0.125

PICTORIAL VIEW
SCALE 0.156

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4 | 1 | | 107030600M8E8700A206-1 | CONNECTING TUBE DETAIL | SEAMLESS 304 SST x 0.035" WALL | ASTM A269 | 1 |
| 107030600M8E8700A000 | -1 | CAGE CODE | PART OR IDENTIFYING NO | NOMENCLATURE OR DESCRIPTION | MATERIAL | SPECIFICATION | FIND NO |
| | | NEXT ASSEMBLY | | PARTS LIST | | | |

QUALITY VERIFICATION
MECHANICAL AND STRUCTURAL
REFERENCE: SNS-TS-G002

| QV CLAUSE | DOCUMENTS REQUIRED | APPLICABLE TO PART NO * |
|---|---|---|
| 303 | MATERIAL MILL TEST REPORT | - |
| 325 | MATERIAL SELLER CERT | - |
| 326 | SPECIAL MATERIAL INSPECTION REPORT | - |
| 205 | MANUFACTURING, INSPECTION, AND TEST PLAN | - |
| 312 | FIELD INSPECTION AND TEST PLAN | - |
| 321 | WELD AND BRAZE INSPECTION REPORT | - |
| 322 | HEAT TREAT REPORT (FURNACE) | - |
| 310 | LEAK TEST REPORT | - |
| 315 | CLEANING CERT | - |
| 318 | DEVIATION REQUEST | - |
| 319 | NONCONFORMANCE PROCESS | - |
| 323 | DIMENSIONAL REPORT | - |
| 330 | FUNCTIONAL TEST REPORT | - |
| : | : | : |
| 100 | DOCUMENTATION | - |

* SYMBOL X INDICATES APPLICABLE TO ALL PARTS OR ITEMS

QA REP ..... DATE .....

RPE

REV. XX DATE XX/XX/XX

107030600M8E8700A206

# PRELIMINARY

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 BIDDERS 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

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM 3
SNS PROCEDURE SNS-TS-G001

| REV | CHANGE TYPE | CHANGE STATUS | ASSIGNED TO | DESCRIPTION | BY | CHK | SECT | DEPT | DATE | PE | REQ | DOE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00A | — | 3 | — | ISSUE FOR COMMENT AND INFORMATION | SMR | | | | 11/01 | | | |

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

SCALE AS NOTED

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

| | | |
|---|---|---|
| DES | DMW/MEP | 11/01 |
| DRW | M.E.PHILLIPS | 11/01 |
| CHK | : | : |
| L3 | : | : |
| L2 | : | : |
| | T.E. FORNEK | 11/01 |

DRAWING APPROVALS — DATE

ornl Oak Ridge National Laboratory
Operated for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725
Oak Ridge, Tennessee

Spallation Neutron Source

SPALLATION NEUTRON SOURCE PROJECT
SINGLE & MULTI CORE VESSEL INSERT
CONNECTING TUBE DETAIL

| BLDG | FL | SHT | OF | CLASS |
|---|---|---|---|---|
| 8700 | 1ST | 1 | 1 | U |

107030600M8E8700A206 — REV 00A