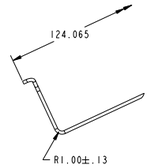
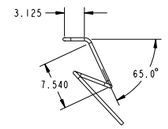
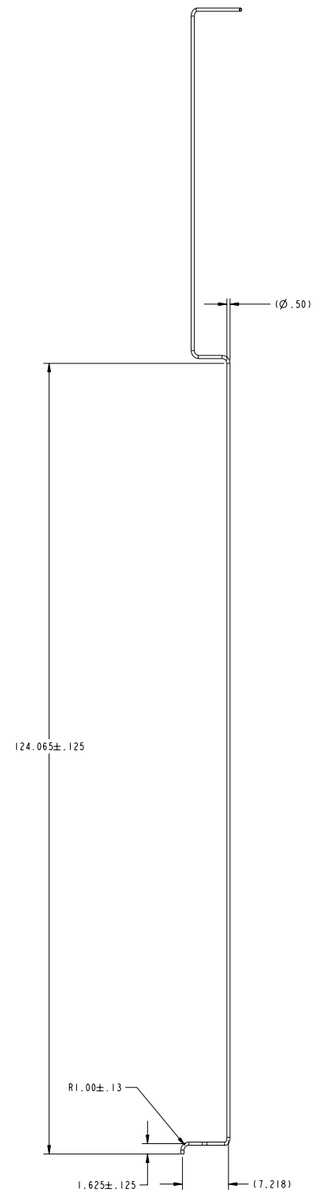
NEXT ASS'Y: | FINAL ASS'Y:



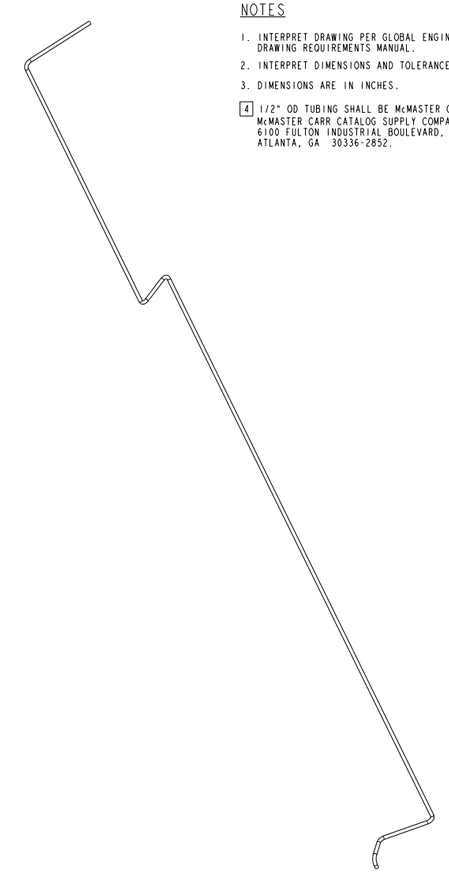
AUXILLARY VIEW



PLAN VIEW



SIDE VIEW
SCALE 0.140



PICTORIAL VIEW
SCALE 0.156

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.

4		1	107030600M8E8700A168-1	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 (RECORDS)	-
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

107030600M8E8700A168

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 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

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

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	REQUIRED SIGNOFFS	DESCRIPTION	BY	CHK	SECT	DEPT	DATE	PE	REQ	DOE	PJ
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

DRAWING APPROVALS		DATE
DES	DMW/MEP	11/01
DRW	M.E.PHILLIPS	11/01
CHK	:	:
L3	:	:
L2	:	:
:	T.E. FORNEK	11/01

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

SNS 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

107030600M8E8700A168 — REV 00A