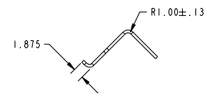
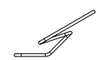
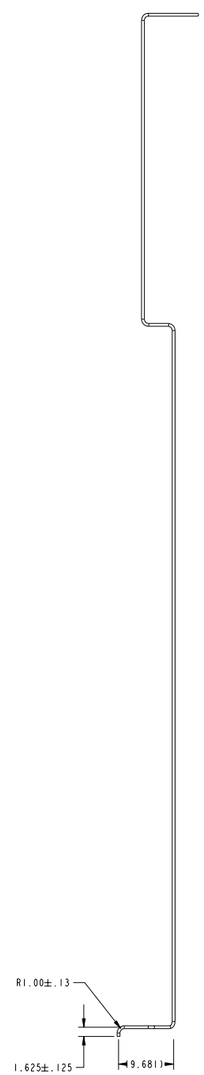


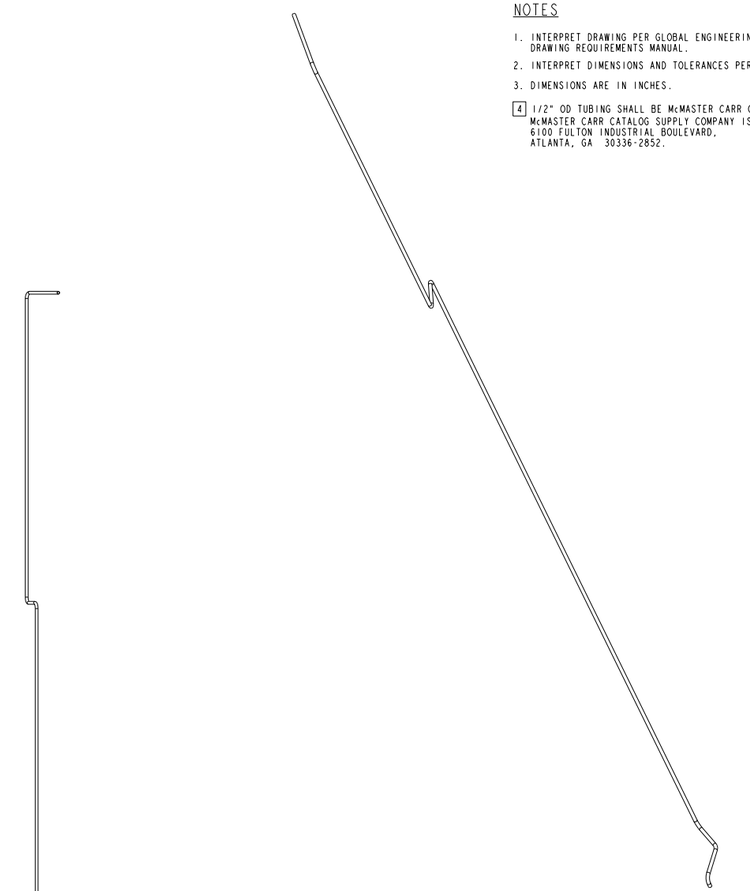
AUXILLARY VIEW



PLAN VIEW



SIDE VIEW
SCALE 0.125



PICTORIAL VIEW
SCALE 0.156

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.

		CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
4	1		107030600M8E8700A170-1	CONNECTING TUBE DETAIL	SEAMLESS 304 SST x 0.035" WALL	ASTM A269	1

107030600M8E8700A000 -1

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

107030600M8E8700A170

PRELIMINARY

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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 NUMBER	CHANGE CLASS	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

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

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

107030600M8E8700A170 — REV 00A