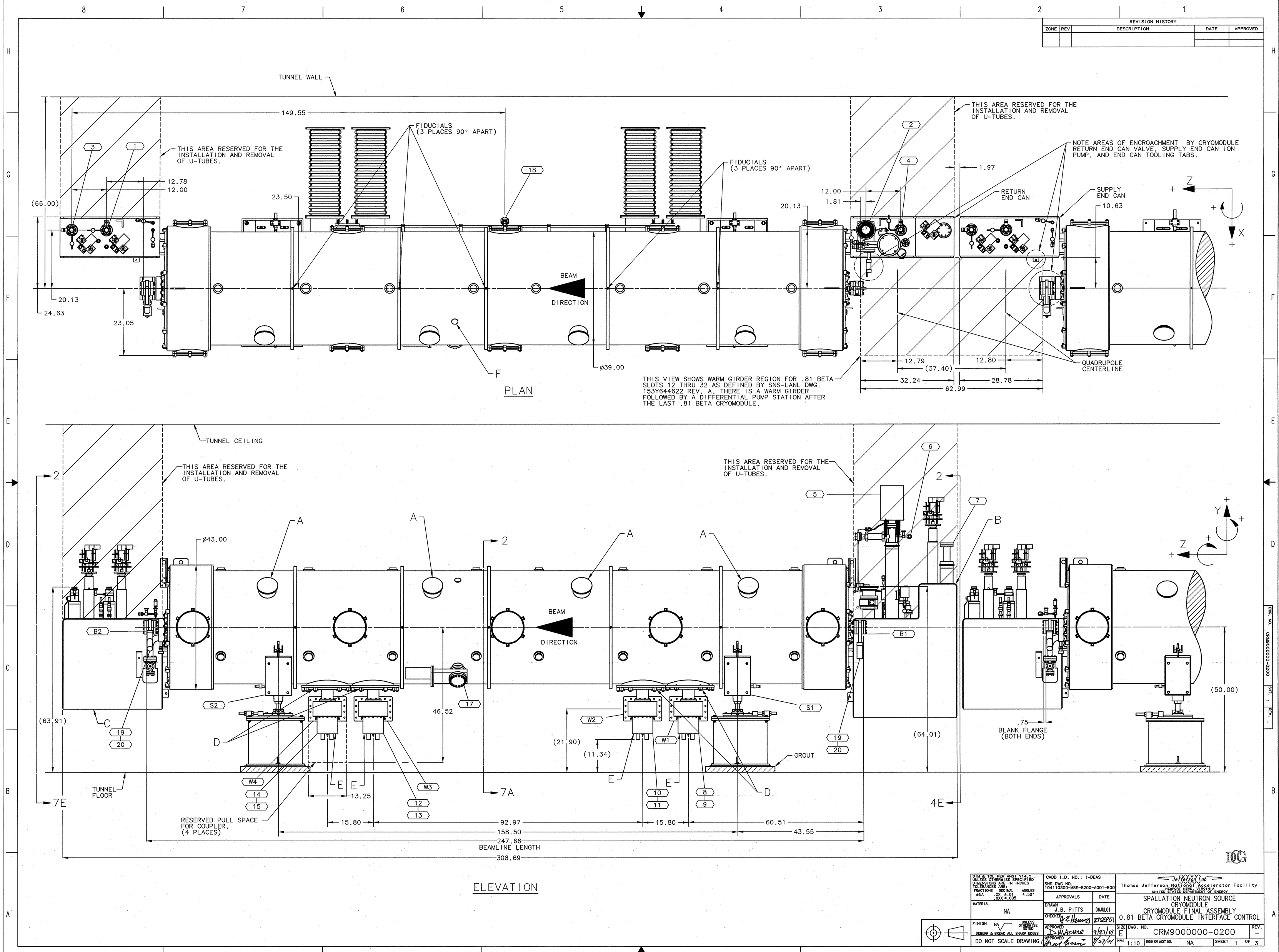

REVISION HISTORY
ZONE
REV
DESCRIPTION
DATE
APPROVED
TUNNEL WALL
149.55
FIDUCIALS (3 PLACES 90° APART)
THIS AREA RESERVED FOR THE INSTALLATION AND REMOVAL OF U-TUBES.
NOTE AREAS OF ENCROACHMENT BY CRYOMODULE RETURN END CAN VALVE, SUPPLY END CAN ION PUMP, AND END CAN TOOLING TABS.
RETURN END CAN
SUPPLY END CAN
BEAM DIRECTION
QUADRUPOLE CENTERLINE
12.78
12.00
(66.00)
23.50
20.13
24.63
23.05
ø39.00
1.97
1.81
10.63
12.79
12.80
(37.40)
32.24
28.78
62.99
THIS VIEW SHOWS WARM GIRDER REGION FOR .81 BETA SLOTS 12 THRU 32 AS DEFINED BY SNS-LANL DWG. 153Y644622 REV. A. THERE IS A WARM GIRDER FOLLOWED BY A DIFFERENTIAL PUMP STATION AFTER THE LAST .81 BETA CRYOMODULE.
PLAN
TUNNEL CEILING
ø43.00
46.52
(63.91)
(21.90)
(11.34)
(64.01)
(50.00)
.75
BLANK FLANGE (BOTH ENDS)
GROUT
TUNNEL FLOOR
RESERVED PULL SPACE FOR COUPLER. (4 PLACES)
13.25
15.80
92.97
60.51
158.50
43.55
247.66
BEAMLINE LENGTH
308.69
ELEVATION
DIM & TOL PER ANSI Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS ±NA DECIMAL .XX ±.01 .XXX ±.005 ANGLES ±.50°
MATERIAL NA
FINISH NA UNLESS OTHERWISE NOTED
DEBURR & BREAK ALL SHARP EDGES
DO NOT SCALE DRAWING
CADD I.D. NO.: I-DEAS
SNS DWG NO. 104110300-M8E-8200-A001-R00
APPROVALS
DATE
DRAWN J.B. PITTS 06JUL01
CHECKED 27SEP01
APPROVED 9/27/01
APPROVED 9/27/01
Jefferson Lab
Thomas Jefferson National Accelerator Facility
NEWPORT NEWS, VIRGINIA
UNITED STATES DEPARTMENT OF ENERGY
SPALLATION NEUTRON SOURCE
CRYOMODULE
CRYOMODULE FINAL ASSEMBLY
0.81 BETA CRYOMODULE INTERFACE CONTROL
SIZE E
DWG. NO. CRM9000000-0200
REV. -
SCALE 1:10
USED ON ASSY NO. NA
SHEET 1 OF 3