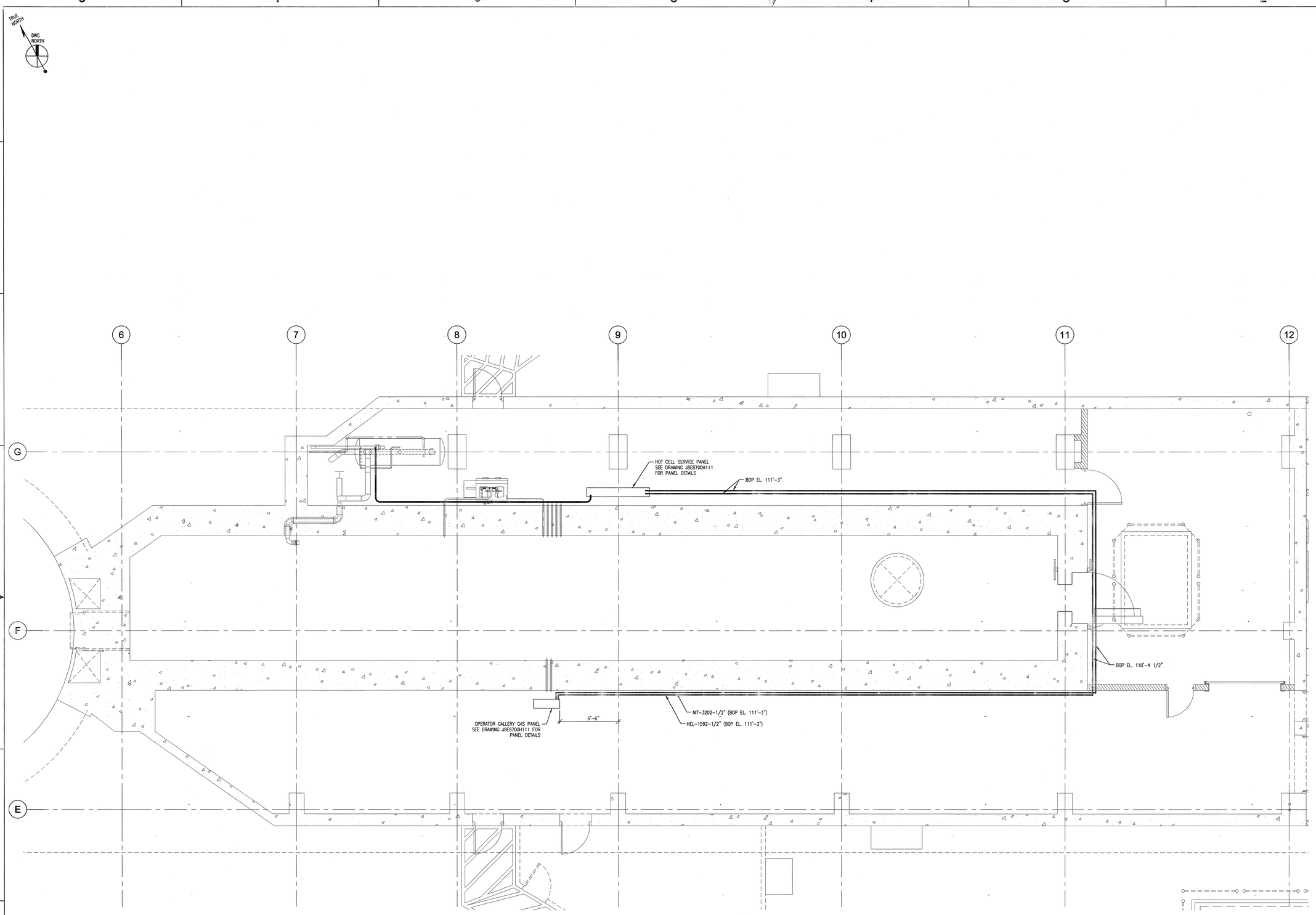

HELIUM SYSTEM PLAN - INSTRUMENT LEVEL

SCALE: 1/4"=1'-0"

NOTES

1. SEE SPECIFICATION 15455 FOR ALL HELIUM AND NITROGEN TUBING INFORMATION.
2. PANEL TUBING TO BE WELDED CONNECTIONS UNLESS OTHERWISE NOTED. ALL FIELD ROUTED TUBING TO BE WELDED ACCORDING TO SECTION 18100A.
3. COMPONENT CONNECTIONS TO TUBING SHALL BE AS NOTED ON THE EQUIPMENT LIST.
4. HELIUM AND NITROGEN TUBING TO BE SUPPORTED AT 7'-0" INTERVALS (MAX) USING STAINLESS STEEL UNISTRUT TYPE SUPPORTS AND STAINLESS STEEL U-BOLTS. WHERE APPLICABLE, TUBING MAY BE ATTACHED TO EXISTING PIPING.

DEVICE DESIGNATOR
SEE DWG J8E8700A001
FOR ABBREVIATION LIST

XX
XXXX

DEVICE NUMBER
(PER P&ID)

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NUMBER OF SECTION OR DETAIL

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM 3

ENGINEERING PROCEDURE SNS-TS-G001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE CONTROL NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0				CERTIFIED FOR CONSTRUCTION - 1/18/02	JHT	TJ												100946	1/18/02	GPR			HG	TJ					MBB

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE

HOUSTON RITCHIE
STATE OF TENNESSEE

REV. 0 DATE 1/18/02

DSN	J.H. TOWNSEND	JHT 11/20/01
DRW	J.H. TOWNSEND	JHT 11/20/01
CHK	T. JERNIGAN	TJ for TJ 12/31/01
DEPT	—	
PE	—	
PJ	—	
REQ	—	Robin L. Jacobs 1/14/02
UTB	J. Williamson	1/22/02

DRAWING APPROVALS

1/4" = 1'-0" 4' 2' 0 4' 8'

106060000-J8E-8700-H010

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KnightJacobs Joint Venture
701 Scottoro Road, MS 8253
Oak Ridge, TN 37830
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Oak Ridge National Laboratory
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U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC. • Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE

HELIUM SYSTEM
INSTRUMENT LEVEL
PLAN VIEW

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8700		1	1	P	U
51		52		53	WBS					REV
NC		NA			106060000		J8E8700H010			0

P:\90618\DRAWINGS\ISSUED\MECH\8700\1.6\02-01-18 (CFC)\J8E8700H010.DWG 1-9-06 townsejh