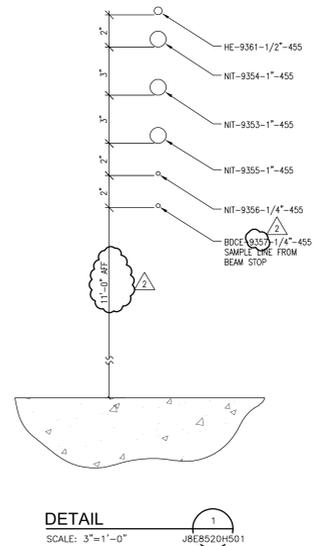
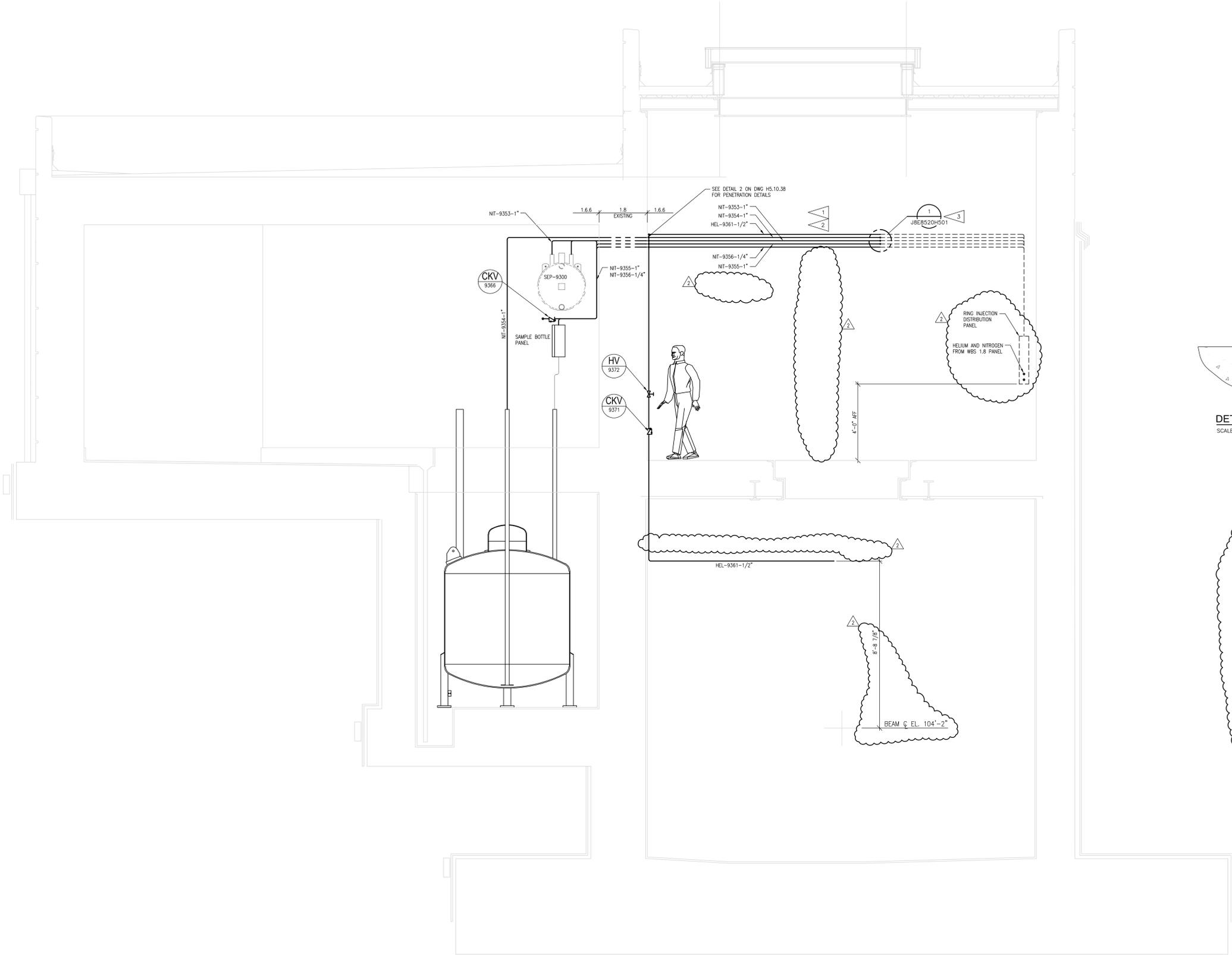
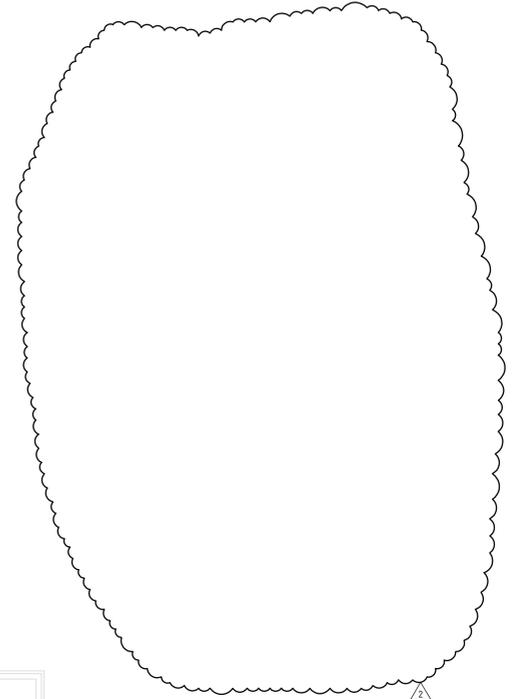


GENERAL NOTES

1. ALL HELIUM AND NITROGEN TUBING SHALL COMPLY WITH THE REQUIREMENTS SET FORTH IN SPECIFICATION 15455.
2. HELIUM AND NITROGEN TUBING TO BE SUPPORTED AT 7'-0" INTERVALS (BASE USING CHANNELS STEEL UNIVERSAL JOISTS) OR CHANGE OUT TO BE ACCEPTABLE TUBING MAY BE ATTACHED TO EXISTING PIPING.
3. WBS 1.8 IS RESPONSIBLE FOR TUBING EMBEDDED IN WALL.
4. SEE SPEC 15455 FOR ACCEPTABLE VALVES AND TUBING MATERIAL.



DETAIL 1
SCALE: 3"=1'-0"
JBE8520H501



SECTION A
SCALE: 1/2"=1'-0"
JBE8520H500

DEVICE DESIGNATOR
SEE DWG JBE8700A001
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-02001

REV	DATE	BY	CHKD	DESCR	DSN	CHK	DEPT	DATE	PE	DATE	FJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	REV	DATE
2	A	3	25	DCN TS-025-53102	JHT	RMM																									
1	A	3	19	DCN TS-019-31102	DRH	TP																									
0				CERTIFIED FOR CONSTRUCTION - 1/18/02	TML	RMM																									



SCALE 1/2"=1'-0"

106060000-J8E-8520-H501

Knight Jacobs Knight Jacobs Joint Venture
701 Scorsboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
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UT-BATTELLE Oak Ridge National Laboratory
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PROJECT NAME:
**RING INJECTION BUILDING
HELIUM SYSTEM
SECTIONS & DETAILS**

1	48	49	50	PLANT	8520	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8			1	1	P	U	

REV 2