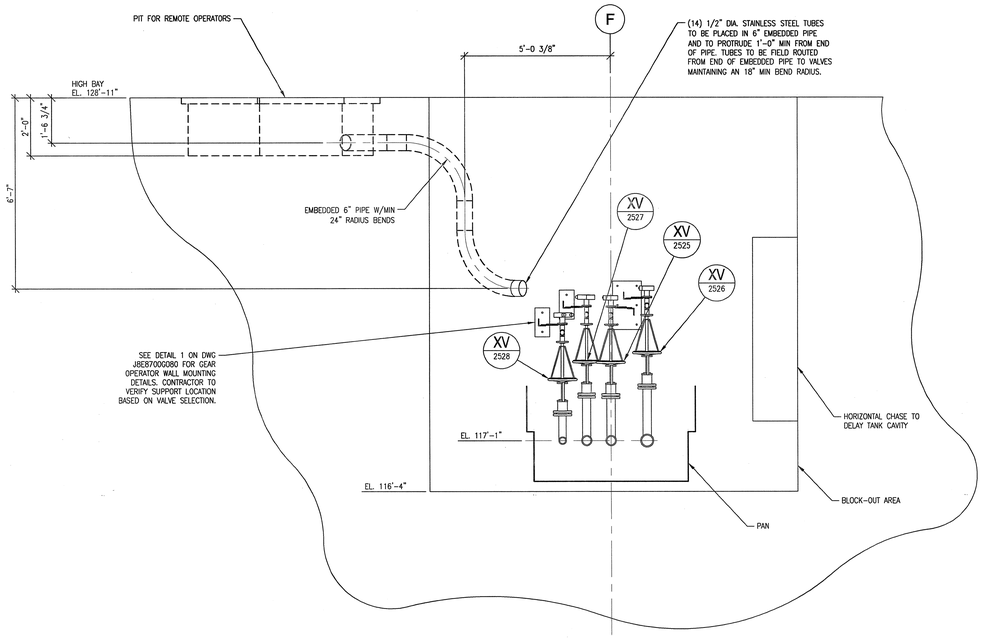


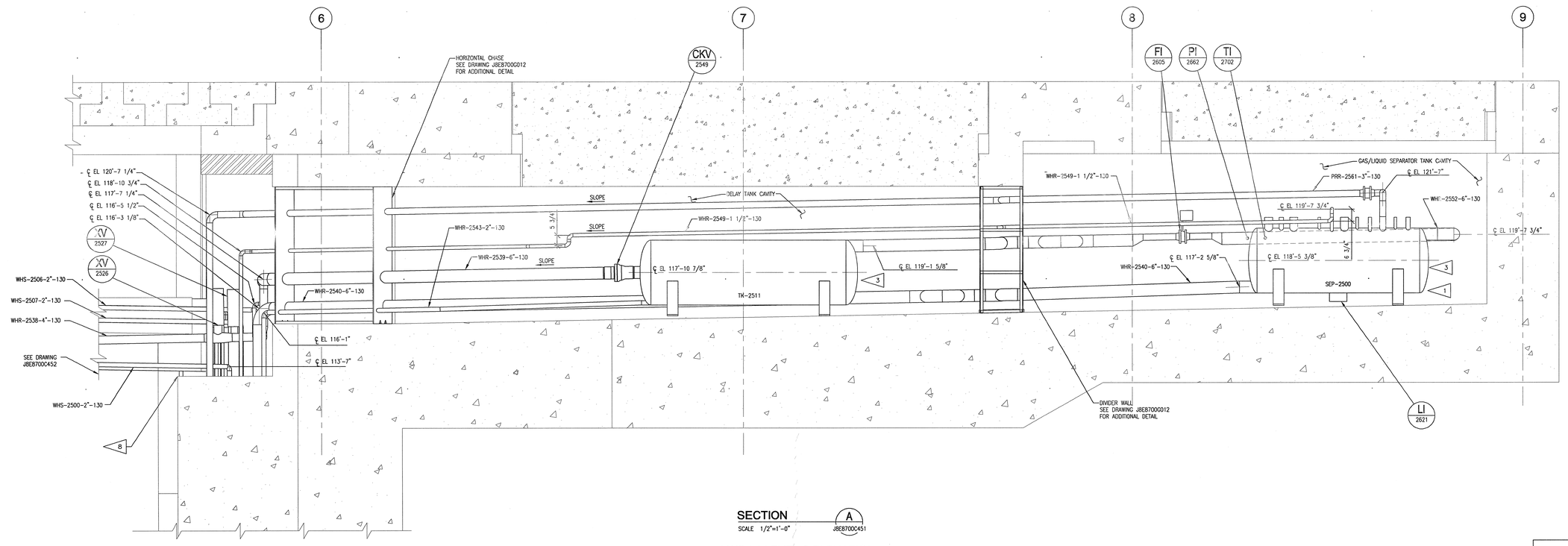
SECTION B

SCALE 1/2"=1'-0" J8E8700C451

ONLY HWS4 REMOTE VALVES SHOWN

GENERAL NOTES

1. SEE DRAWING J8E8700G003 FOR MOUNTING DETAILS ON:
   a. DRAIN TANK
   b. CENTRIFUGAL PUMPS
   c. HEAT EXCHANGER
2. SEE SPECIFICATION 15130 FOR ACTIVATED COOLING WATER PIPE SYSTEM INSTALLATION, TESTING AND ASSEMBLY REQUIREMENTS.
3. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0004 FOR DELAY TANK AND SEPARATOR INFORMATION.
4. MINIMUM PIPE SLOPE IS 1/8" PER FT.
5. DIMENSIONS & ELEVATIONS ARE TO CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.
6. SEE DRAWING Nos. J8E8700G080 AND J8E8700G081 FOR PIPE SUPPORT DETAILS.
7. SEE DRAWING Nos. J8E8700C450, J8E8700C451 AND J8E8700C452 FOR OTHER FACILITY PIPING IN THIS AREA.
8. BLOCKOUT AREA LINER TO BE PROVIDED BY OTHERS.



SECTION A

SCALE 1/2"=1'-0" J8E8700C451

LWS #4 LEVEL 2 ELEVATION

SCALE 1/2" = 1'-0"

DEVICE DESIGNATOR SEE DWG J8E8700A001 FOR ABBREVIATION LIST

XX XXXX

DEVICE NUMBER (PER P&ID)

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.

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 REQUEST 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	RMM												100945	1/18/02				HG	RMM					MBB

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE — REV. 0 DATE 1/18/02

DRAWING APPROVALS

DSN	J.H. TOWNSEND	05/10/01
DRW	J.H. TOWNSEND	05/10/01
CHK	R.M. MEAD	01/10/02
DEPT		
PE		
PJ		
REQ		1/22/02
UTB		1/22/02

106060000-J8E-8700-C453

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UT-BATTELLE, LLC. ◆ Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE
ACTIVATED COOLING WATER SYSTEM
HEAVY WATER STATION #4
DELAY TANK / GLS TANK CAVITIES - ELEVATION

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	J8E8700C453				REV
NC		NA			106060000					0

P:\90818\DRAWINGS\ISSUED\MECH\8700\1.6\02-01-18 (CF'C)\J8E8700C453.DWG 2002 21:13 townsejh