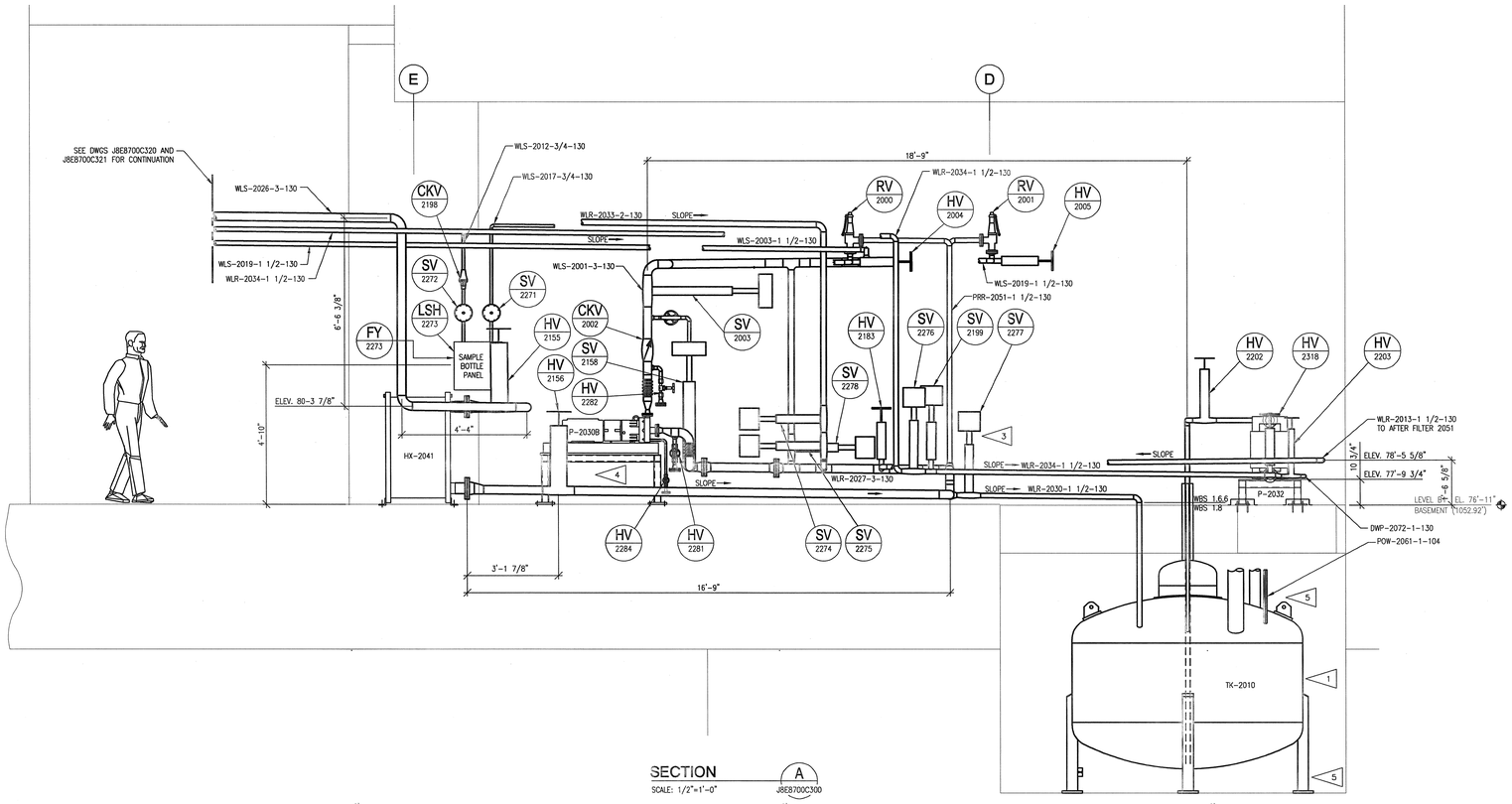
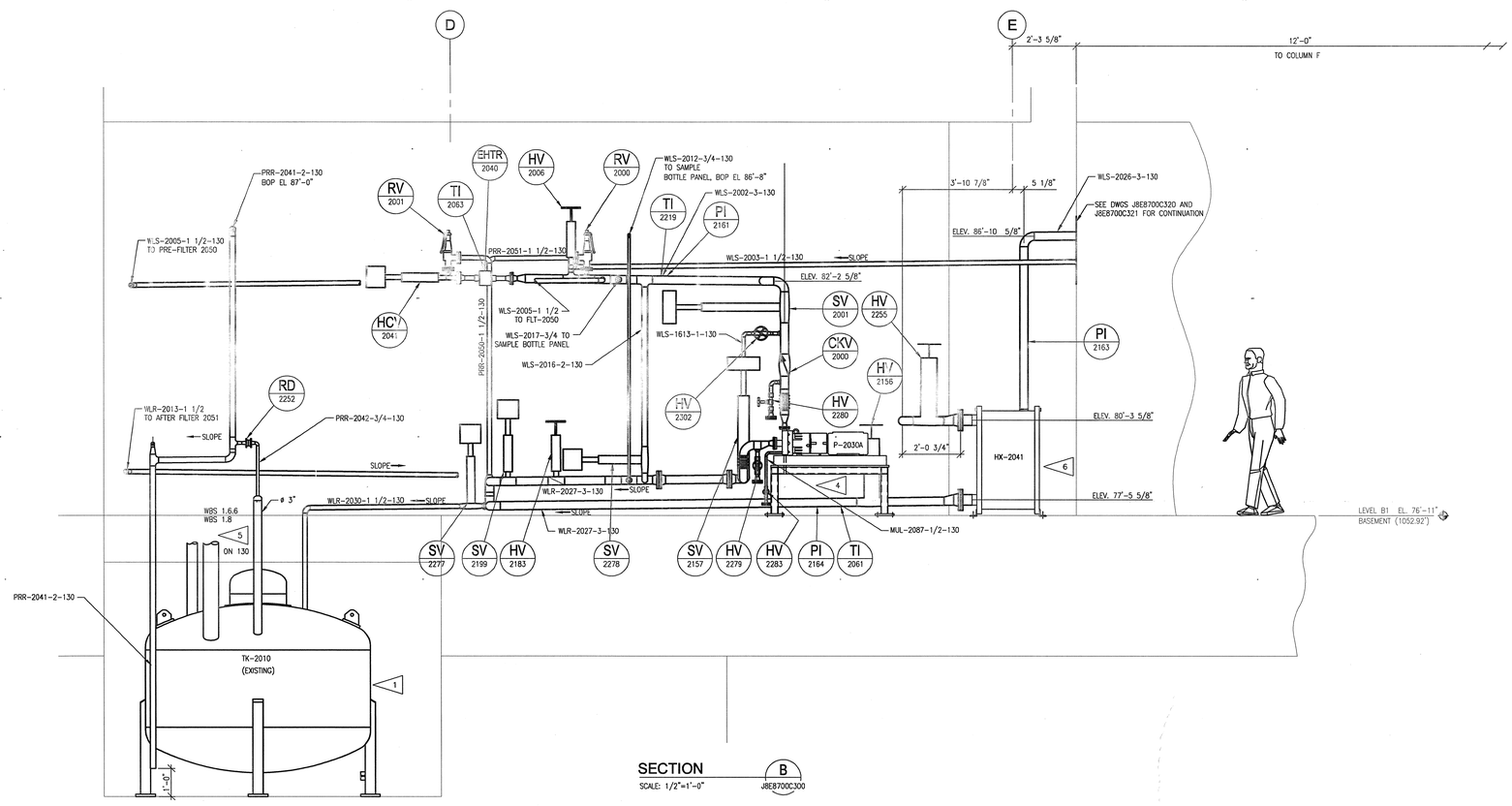


SECTION A
SCALE: 1/2"=1'-0"
J8E8700C300



SECTION B
SCALE: 1/2"=1'-0"
J8E8700C300

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-0003 FOR VALVE INFORMATION.
4. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0007 FOR CIRCULATION PUMP INFORMATION.
5. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0001 FOR DRAIN TANK INFORMATION.
6. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0008 FOR HEAT EXCHANGER INFORMATION.
7. MINIMUM PIPE SLOPE IS 1/8" PER FT.
8. DIMENSIONS AND ELEVATIONS ARE TO CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.
9. SEE DRAWING Nos. J8E8700C080 AND J8E8700C081 FOR PIPE SUPPORT DETAILS.
10. SEE DRAWING No. P3.B1.43 FOR OTHER FACILITY PIPING IN THIS AREA.
11. FLEX HOSE DIMENSIONS ARE TBD, CONTRACTOR TO DETERMINE HOSE LENGTH BASED ON EQUIPMENT SELECTION.

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	JJD	TP												100946	1/18/02				HG	TP					MBB

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE — DATE 1/18/02

DSN	J.J. DAVIDSON	4/12/01
DRW	J.J. DAVIDSON	4/12/01
CHK	T. PROFFITT	1/14/02
DEPT		
PE		
PJ		
REQ		1/22/02
UTB		1/22/02

DRAWING APPROVALS

106060000-J8E-8700-C301

Knight/Jacobs Joint Venture
701 Scarboro Road, MS 8253
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Tullahoma, TN 37388

UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC. ◆ Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE
ACTIVATED COOLING WATER SYSTEM
LIGHT WATER STATION #3
SECTIONS & DETAILS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8700		1	1	D	U
51		52		53	WBS	J8E8700C301				REV
NC		NA			106060000					0

P:\9061B\DRAWINGS\ISSUED\MECH\8700\1.8\02-01-18 (CFC)\J8E8700C301.DWG Nov-2002 11:05 towns jh