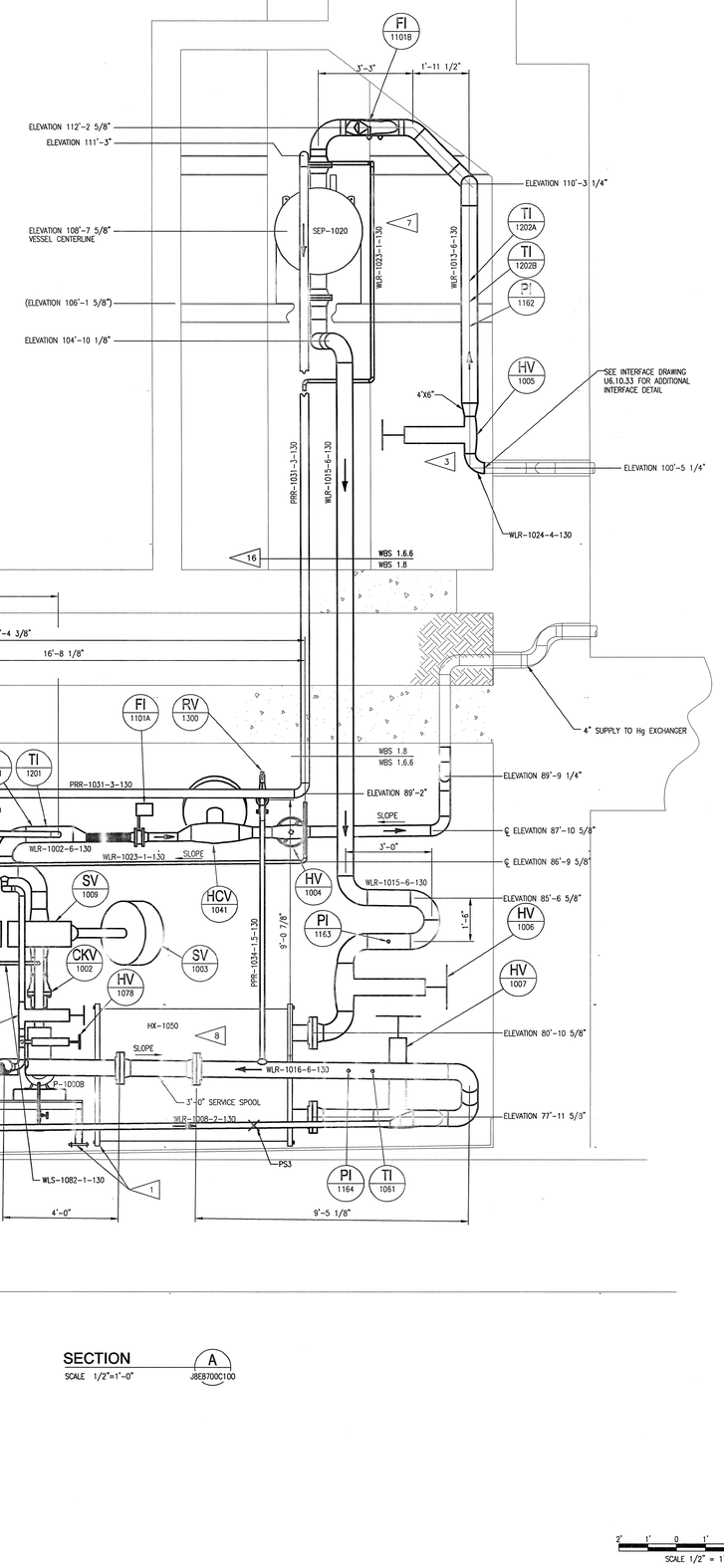
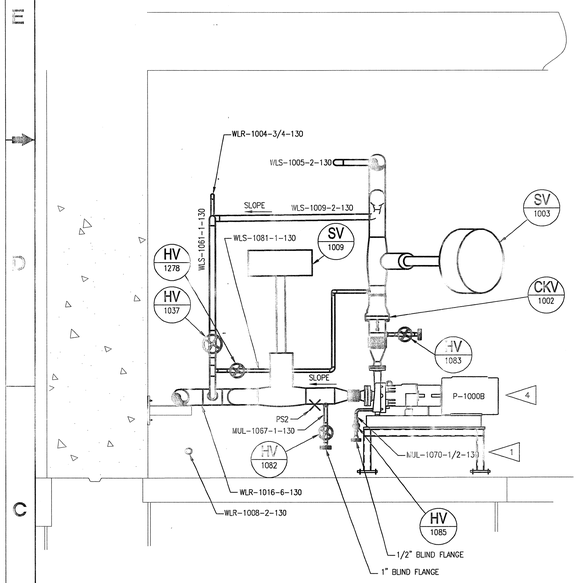
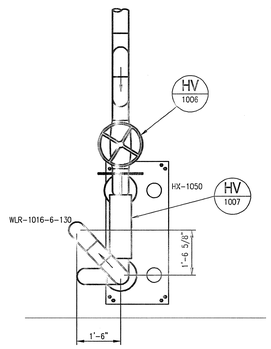
GENERAL NOTES

1. SEE DRAWING J8E8700G003 FOR MOUNTING DETAILS ON:
   a. DRAIN TANK (TK-1030)
   b. CENTRIFUGAL PUMPS (P-1000A & P-1000B)
   c. HEAT EXCHANGER (HX-1050)
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-0005 FOR ION EXCHANGE COLUMN INFORMATION.
6. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0001 FOR DRAIN TANK INFORMATION.
7. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0004 FOR DELAY TANK AND SEPARATOR INFORMATION.
8. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0008 FOR HEAT EXCHANGER INFORMATION.
9. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0006 FOR ACTIVATED COOLING WATER FILTERS.
10. MINIMUM PIPE SLOPE TO 1/8" PER FT.
11. CONTRACTOR TO WRAP LINES INTO TANK VAULT PRIOR TO POURING TANK VAULT CAP.
12. DIMENSIONS & ELEVATIONS ARE TO CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.
13. SEE DRAWING No. J8E8700G081 FOR PIPE SUPPORT DETAILS.
14. SEE DRAWING No. P3.01.44 FOR OTHER FACILITY PIPING IN THIS AREA.
15. PIPE SUPPORTS ARE SHOWN IN GENERAL LOCATION. CONTRACTOR TO SUBMIT DIMENSIONED LOCATIONS FOR APPROVAL PRIOR TO INSTALLATION.
16. SEE DRAWING U6.10.33 FOR PENETRATION INFORMATION.





SECTION B
SCALE 1/2"=1'-0" J8E8700C100



SECTION D
SCALE 1/2"=1'-0" J8E8700C100

SECTION A
SCALE 1/2"=1'-0" J8E8700C100

SCALE 1/2" = 1'-0"

DEVICE DESIGNATOR SEE DWG J8E8700A001 FOR ABBREVIATION LIST
XX XXXX
DEVICE NUMBER (PCR P-120)

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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-0001

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	GPR			HG	TP					MBB

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE — REV. 0 DATE 1/18/02 — DRAWING APPROVALS

DSN	J.J. DAVIDSON	03/15/01
DRW	J.J. DAVIDSON	03/15/01
CHK	T. PROFFITT	01/08/02
DEPT		
PE		
PJ		
REQ		1/14/02
UTB		1/22/02

106060000-J8E-8700-C101

Knight Jacobs — KnightJacobs Joint Venture, 701 Scarboro Road, MS 8253, Oak Ridge, TN 37830; 865-241-9433, fax 865-241-3400

Sverdrup Technology, Inc. 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 #1
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	J8E8700C101				REV
NC		NA			106060000					0

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