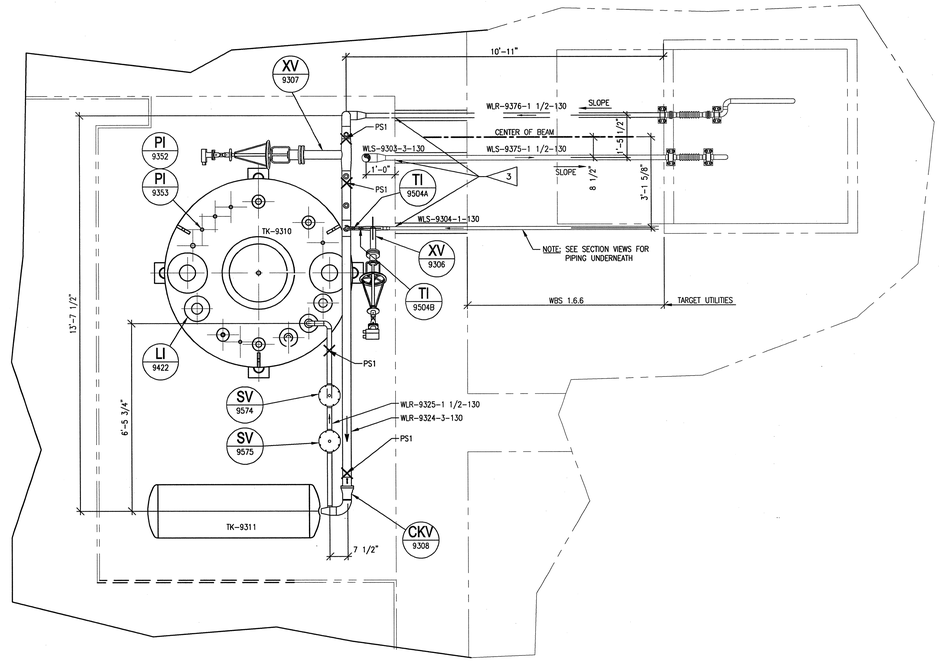
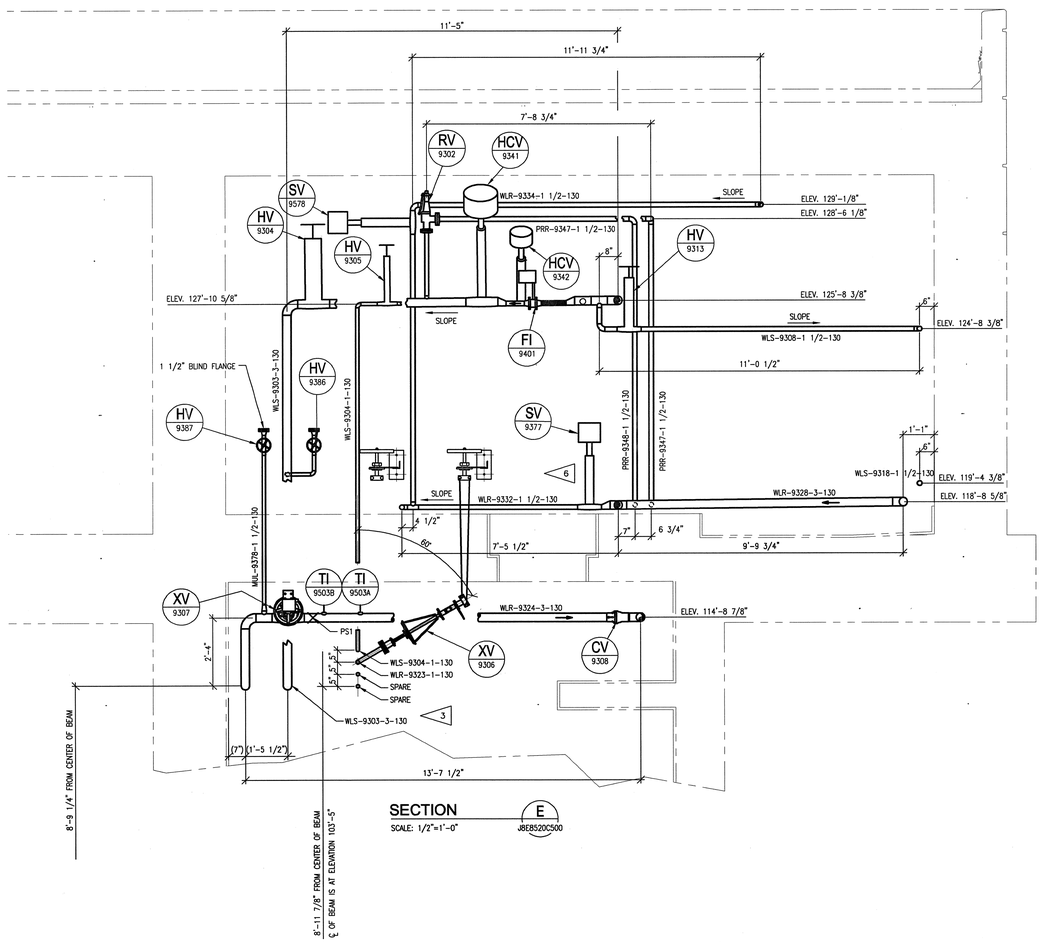


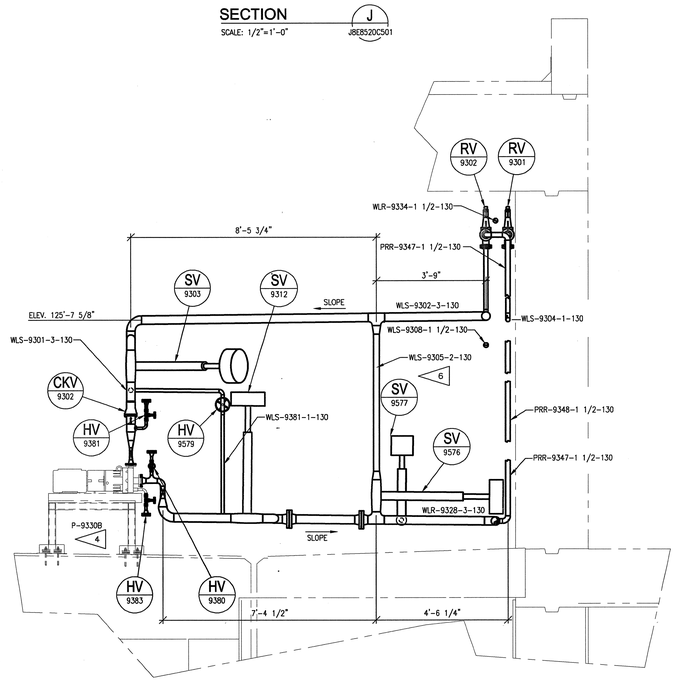
NOTES

1. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0007 FOR CIRCULATION PUMP INFORMATION.
2. SEE DRAWING J8EB70000003 FOR INSTRUMENT CONNECTIONS.
3. CONNECT THE FOLLOWING LINES TO THE EXISTING LINES ACCORDING TO THE GUIDELINES SET FORTH IN SPECIFICATION 15130:
   WLS-9304-1"-130
   WLR-9323-1"-130
   SPARE FOR 9304
   SPARE FOR 9323
   WLS-9375-1 1/2"-130
   WLR-9376-1 1/2"-130
4. SEE DRAWING J8EB70000003 FOR MOUNTING DETAILS ON:
   a. DRAIN TANK
   b. CENTRIFUGAL PUMPS
   c. HEAT EXCHANGER
5. SEE SPECIFICATION 15130 FOR ACTIVATED COOLING WATER PIPE SYSTEM INSTALLATION, TESTING AND ASSEMBLY REQUIREMENTS.
6. SEE EQUIPMENT SPECIFICATION 106060000-EQ-0003 FOR VALVE INFORMATION.
7. WHERE LINE SLOPE IS NOTED, SLOPE SHALL BE 1/8 INCH PER FT.
8. DIMENSION & ELEVATIONS ARE TO CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.
9. SEE DRAWING Nos J8EB70000080 AND J8EB70000081 FOR PIPE SUPPORT DETAILS.
10. SEE DRAWING No. H2.02.52 FOR OTHER FACILITY PIPING IN THE AREA.
11. PIPE SUPPORTS ARE SHOWN IN GENERAL LOCATIONS. CONTRACT TO SUMIITT DIMENSIONED LOCATIONS FOR APPROVAL PRIOR TO FABRICATION & ASSEMBLY.

SECTION J
SCALE: 1/2"=1'-0"
J8EB520C501



SECTION E
SCALE: 1/2"=1'-0"
J8E8520C500



SECTION F
SCALE: 1/2"=1'-0"
J8E8520C500

SCALE 1/2" = 1'-0"

DEVICE DESIGNATOR SEE DWG J8EB70000001 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	TML	SPK												100946	1/18/02	GPR			HG	SPK					MBB

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE: HOUSTON, STEVEN L. JACOBS, STATE OF TENNESSEE, 100946, 1/18/02
REV. 0 DATE 1/18/02
DRAWING APPROVALS

DSN	T.M. LEANZA	3/6/01
DRW	T.M. LEANZA	3/6/01
CHK	S.P. KINARD for	1/15/02
DEPT		
PE		
PJ		
REQ		
UTB		1/22/02

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

108000000-J8E-8520-C503

PROJECT NAME:
SPALLATION NEUTRON SOURCE
RING INJECTION BUILDING
ACTIVATED COOLING WATER SYSTEM
SECTIONS & DETAILS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8520		1	1	D	U
51		52		53	WBS					REV
NC		NA			106060000		J8E8520C503			0

P:\9061B\DRAWINGS\ISSUED\MECH\8520\1.6\02-01-18 (CFC)\J8E8520C500.DWG 1-22-2002 13:21 townsejh