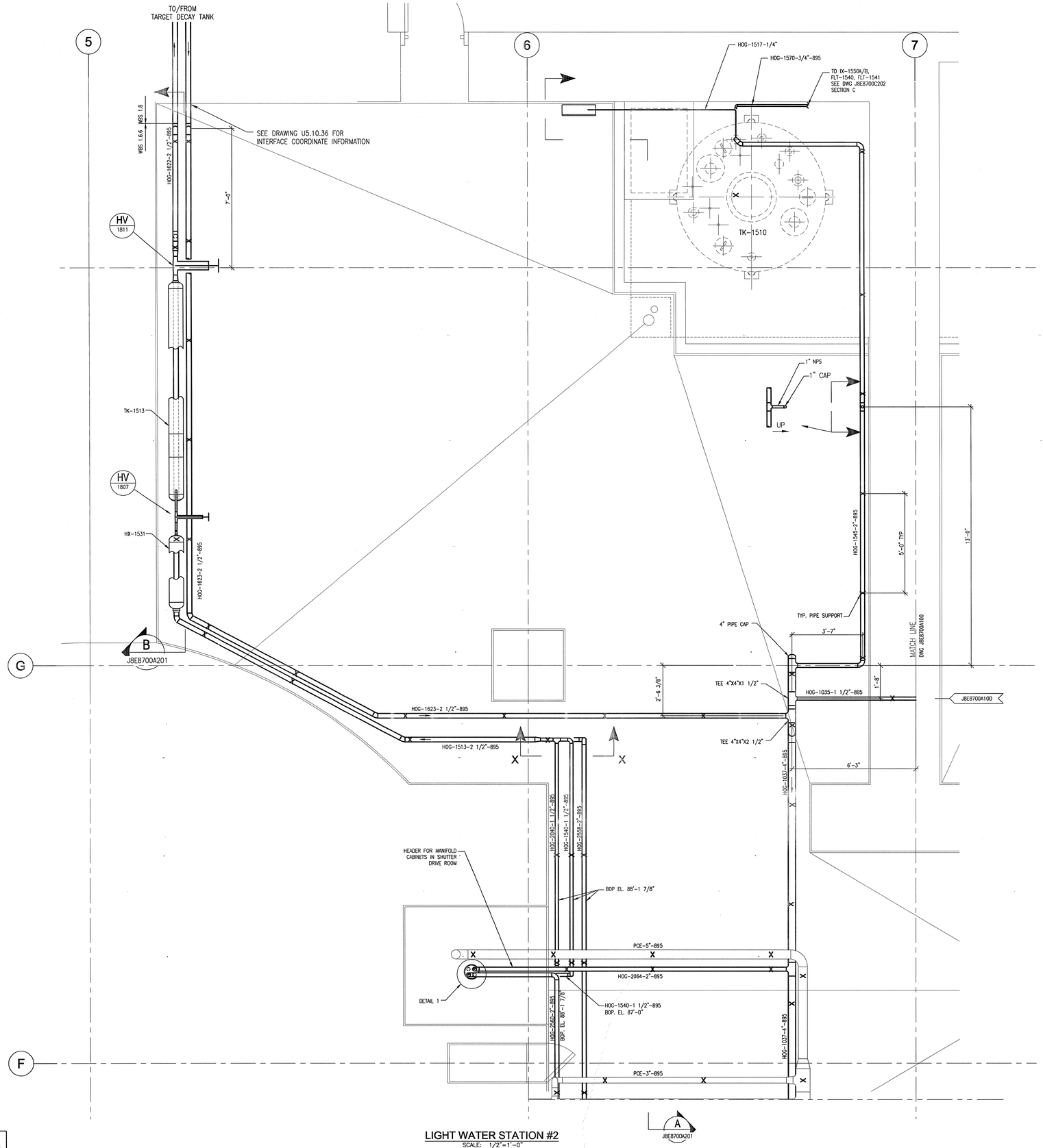
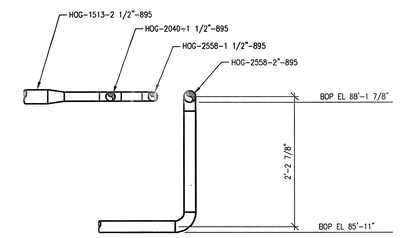


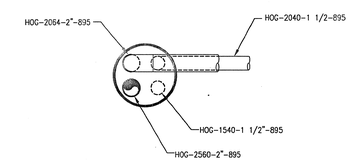

LIGHT WATER STATION #2
SCALE: 1/2"=1'-0"

## NOTES

1. ALL HOG PIPING TO BE INSTALLED, TESTED AND DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN SPECIFICATION SECTION 15895
2. SUPPORT HOG AND PCE PIPING EVERY 5'-0".
3. SUPPORTS FOR ALL HOG AND PCE PIPING SHALL BE AS SHOWN ON KNIGHT DRAWING P6.10.01 DETAIL 47 AS NEEDED.
4. MANUAL (HV) AND ON/OFF (SV) HOG SYSTEM BUTTERFLY VALVES SHALL BE TYPE V-6175, CHECK VALVES TO BE TYPE V-1376 AS IDENTIFIED IN SPECIFICATION 15100 UNLESS OTHERWISE NOTED.
5. SCOPE OF WORK SHOWN AS HEAVY LINETYPE.




SECTION X-X
SCALE: 1"-1'-0"




DETAIL 1
SCALE: 1 1/2"-1'-0"

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 | AF | TJ | | | | | | | | | | | | 100946 | 1/18/02 | GPR | | | HG | TJ | | | | | MBB |

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE: HOUSTON, TEXAS — STATE OF TENNESSEE — 1/18/02

| | | |
|---|---|---|
| DSN | A. FARLESS | 5/21/01 |
| DRW | A. FARLESS | 5/21/01 |
| CHK | T. JERNIGAN | 1/8/02 |
| DEPT | | |
| PE | | |
| PJ | | |
| REQ | | 1/22/02 |
| REV. 0 | DATE 1/18/02 | UTB 1/22/02 |

DRAWING APPROVALS

106060000-J8E-8700-A200

Knight/Jacobs 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
PCE & HOG SYSTEMS
LIGHT WATER STATION #2
BASEMENT LEVEL - PLAN VIEW

| 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 | J8E8700A200 | | | | REV |
| NC | | NA | | | 106060000 | | | | | 0 |

P:\9061B\DRAWINGS\ISSUED\MEDR\8700\1.6\02-01-18 (CFC)\J8E8700A200ZWBN-2002 8:57 townsejh