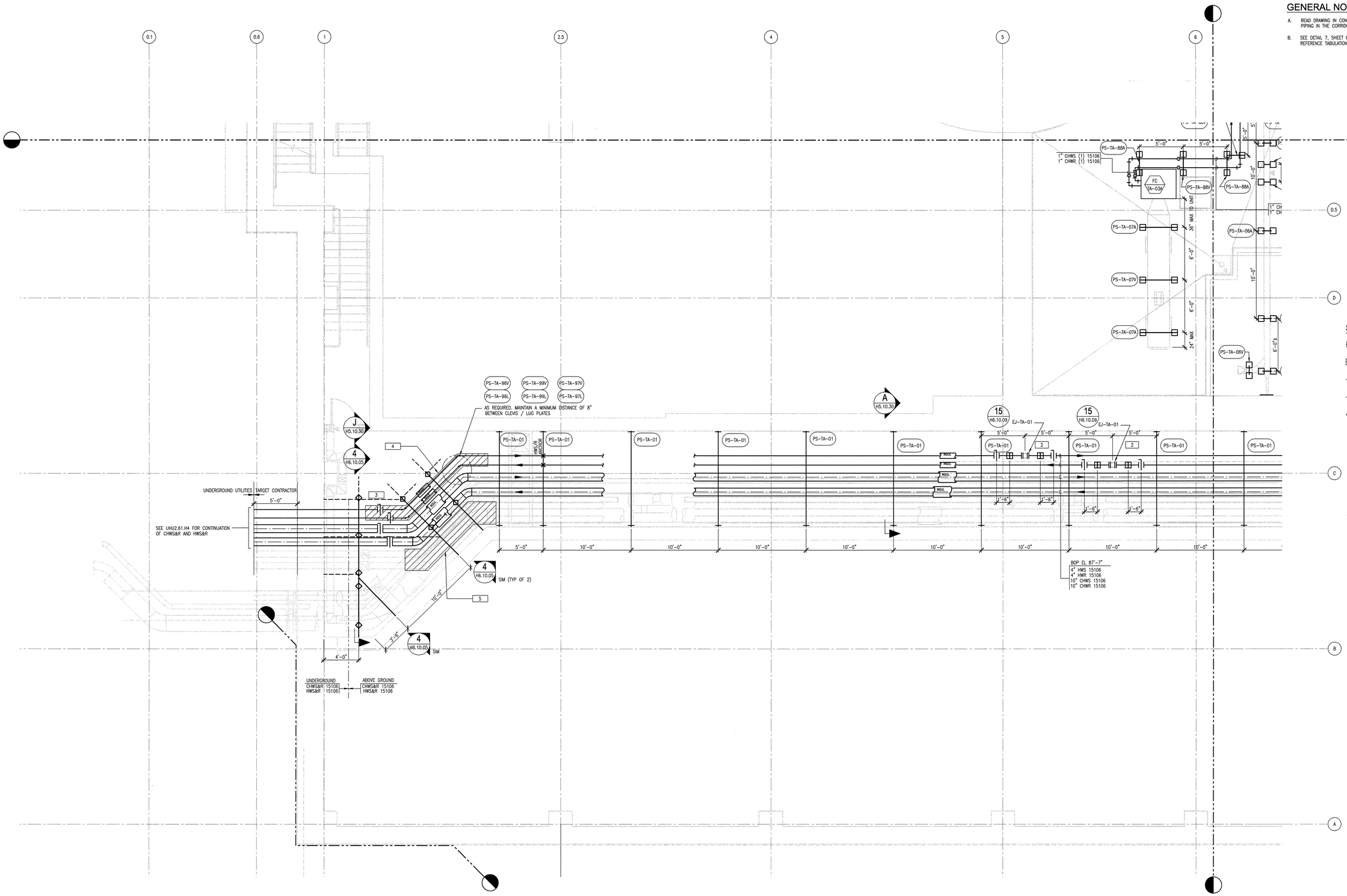


GENERAL NOTES:

A. READ DRAWING IN CONJUNCTION WITH P3.B1.47 FOR STACKED PIPING IN THE CORRIDOR.

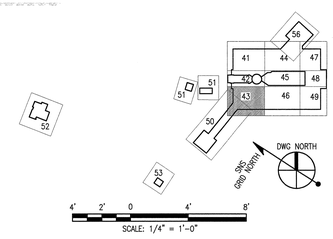
B. SEE DETAIL 7, SHEET H6.10.06 FOR PIPING SUPPORT REFERENCE TABULATION.

SHEET NOTES:

1. INSTALL CROSS BRACING TO CEILING.
2. INSTALL 4"ø EXPANSION BELOWS IN 4" HWS&R.
3. INSTALL BUTTERFLY VALVES ON HWS AND HWR, AND TWS AND TWR PIPES WITH VALVE STEMS DOWN.
4. APPLY DETAIL 15, H6.10.09 ON HWS AND HWR PIPES AT ALL PIPING SUPPORTS FOR EXTENT SHOWN IN PATTERNED AREA. THIS DETAIL OUTLINES THE ASSEMBLY REQUIREMENTS FOR PIPE RESTRAINING ASSEMBLY IN AREAS OF CRITICAL THERMAL EXPANSION.
5. APPLY DETAIL 15, H6.10.09 ON TWS AND TWR PIPES AT ALL PIPING SUPPORTS FOR EXTENT SHOWN IN PATTERNED AREA. THIS DETAIL OUTLINES THE ASSEMBLY REQUIREMENTS FOR PIPE RESTRAINING ASSEMBLY IN AREAS OF CRITICAL THERMAL EXPANSION.

SHEET LEGEND

- PIPE/DUCT SUPPORT HUNG FROM WALL (CONCRETE OR CMU).
- PIPE/DUCT SUPPORT HUNG FROM CEILING ABOVE.
- PIPE/DUCT SUPPORT HUNG FROM INTERMEDIATE SUPPORT MEMBER.
- INTERMEDIATE SUPPORT MEMBER.
- PIPE/DUCT SUPPORT FROM FLOOR.



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

KNIGHT
Knight Advanced Technology
543 West Randolph Street
Chicago, IL 60661

UT-BATTELLE
Oak Ridge National Laboratory
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UT-BATTELLE, LLC, ® Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING
HVAC PIPING FLOOR PLAN, BASEMENT
LEVEL B1, SECTOR 43

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	H	X	X	8	8700		1	1	P	U
51		52		53	WBS					REV
NC		NA			1.8.3.7		H3.B1.43			0

DSN	M.KEHOE	11/13/01	
DRW	J.STEIN	11/13/01	
CHK	B.JOHNSON	11/13/01	
DEPT			
PE		11/13/01	
PJ		11/13/01	
REQ			
UTB		11/13/01	

RPE
BRUCE W. JOHNSON
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 00105588
STATE OF TENNESSEE

0 REV. 11/13/01 DATE

DRAWING APPROVALS

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT
0				CERTIFIED FOR CONSTRUCTION – 11/13/01	MMK	BWJ	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
	11/13/01		11/13/01				11/13/01	BWJ	105869	11/13/01	

REVISION APPROVALS

REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED
ST	CV	EC	EE	EM	IE	M	PD	SE	AR

SQUAD CHECK

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SECTION AND DETAIL KEY

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CHANGE CONTROL SYSTEM 3
ENGINEERING PROCEDURE SNS-ENG-G001

Date: 11/13/2001 Time: 09:33:32
Username: Stanley
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