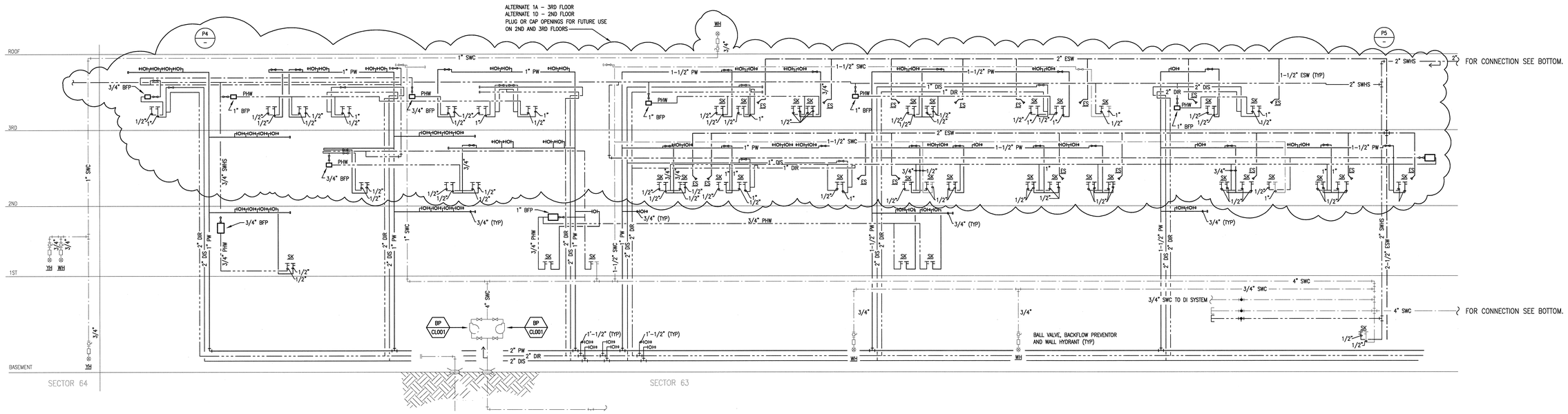
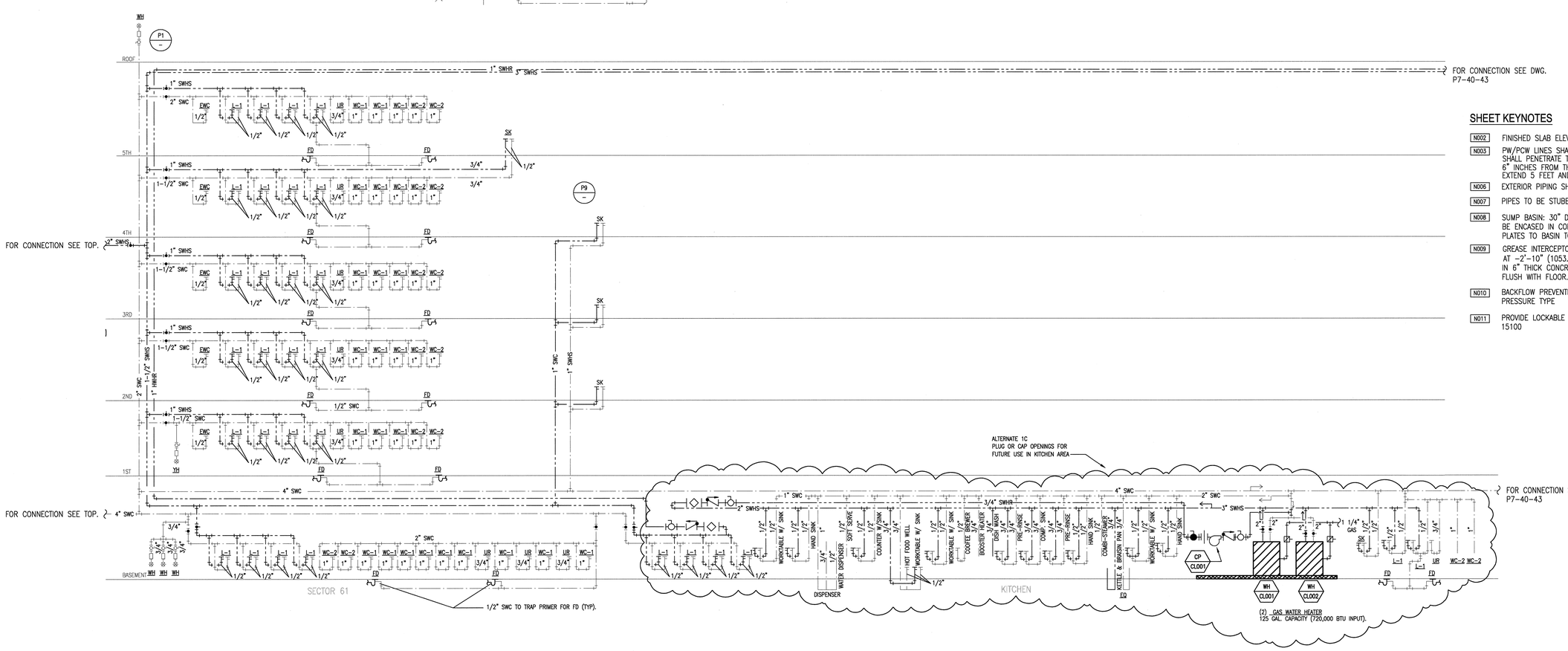
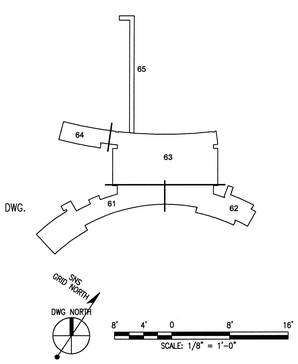




SHEET KEYNOTES

- N002 FINISHED SLAB ELEVATION OF SERVICE YARD IS 1037.75
- N003 PW/PCW LINES SHALL BE RUN AT A ELEVATION OF 1048.0. PIPING SHALL PENETRATE THE FOUNDATION WALL AND BE FLANGED APPROXIMATELY 6" INCHES FROM THE INTERIOR FACE OF THE WALL. EXTERIOR PIPING SHALL EXTEND 5 FEET AND BE CAPPED.
- N006 EXTERIOR PIPING SHALL EXTEND 5' FEET FROM BUILDING AND BE CAPPED.
- N007 PIPES TO BE STUBBED 12" AFF WITH BLIND FLANGE FOR FUTURE CONNECTION.
- N008 SUMP BASIN: 30" DIA. X 5'-0" DEEP. THE POLYFIBER BASIN SHALL BE ENCASED IN CONCRETE PIT (50" I.D W/ 6" WIDE WALLS). STEEL BASE PLATES TO BASIN TO PIT.
- N009 GREASE INTERCEPTOR: 23"W X 32-1/4"LONG X 53-1/2" DEEP. INLET INVERT AT -2'-10" (1053.69) BELOW FINISHED FLOOR. INTERCEPTOR TO BE ENCASED IN 6" THICK CONCRETE ENCASEMENT PIT. ALLOW 2"+/- GROUT TO SET FLUSH WITH FLOOR.
- N010 BACKFLOW PREVENTER SHALL BE OF THE REDUCED PRESSURE TYPE
- N011 PROVIDE LOCKABLE BALL VALVE PER SPECIFICATION 15100



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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 4
ENGINEERING PROCEDURE SNS-ENG-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	RW	AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED
1				CERTIFIED FOR CONSTRUCTION – 12/20/01	EB	KJH						12/20/01				12/20/01	BWJ	105869	12/20/01	SC	AW	WRS	RL	WRS	BWJ	--	WRS	--	WAS
0				CERTIFIED FOR CONSTRUCTION – MAY 15, 2001	EB	KJH			CLG	9/6/01	GS	8/21/01			JRL	9/25/01	BWJ	105869	5/15/01	ST	CV	EC	EE	EM	IE	M	PD	SE	AR

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE: BRUCE W. JOHNSON, REGISTERED ENGINEER, AGRICULTURE, No. 001-019487, STATE OF TENNESSEE — REV. 1 — DATE 12/20/01

DSN	M. WITHROW	05/15/01
DRW	T. WHITE JR.	05/15/01
CHK	B. JOHNSON	05/15/01
DEPT		
PE	C.L. GARREN	9/6/01
PJ	J. STELLERN	08/21/01
REQ		
UTB	J.R. LAWSON	09/25/01

DRAWING APPROVALS

108031400-P8E-8600-A068

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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

CENTRAL LAB AND OFFICE BUILDING PLUMBING RISER DIAGRAMS POTABLE WATER - 1 OF 2

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	P	X	X	8	8600		1	1	D	U

51	52	53	WBS		REV
NC	NA		1.8.3.14	P7.40.42	1

Date: 12/13/2001 Time: 18:25:04
Drawn: WRIGHT
File: C:\R3_PROJECTS\2000\SB_CAD\D\P8E_2D\P8E-2D\P7-40-42.DWG

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