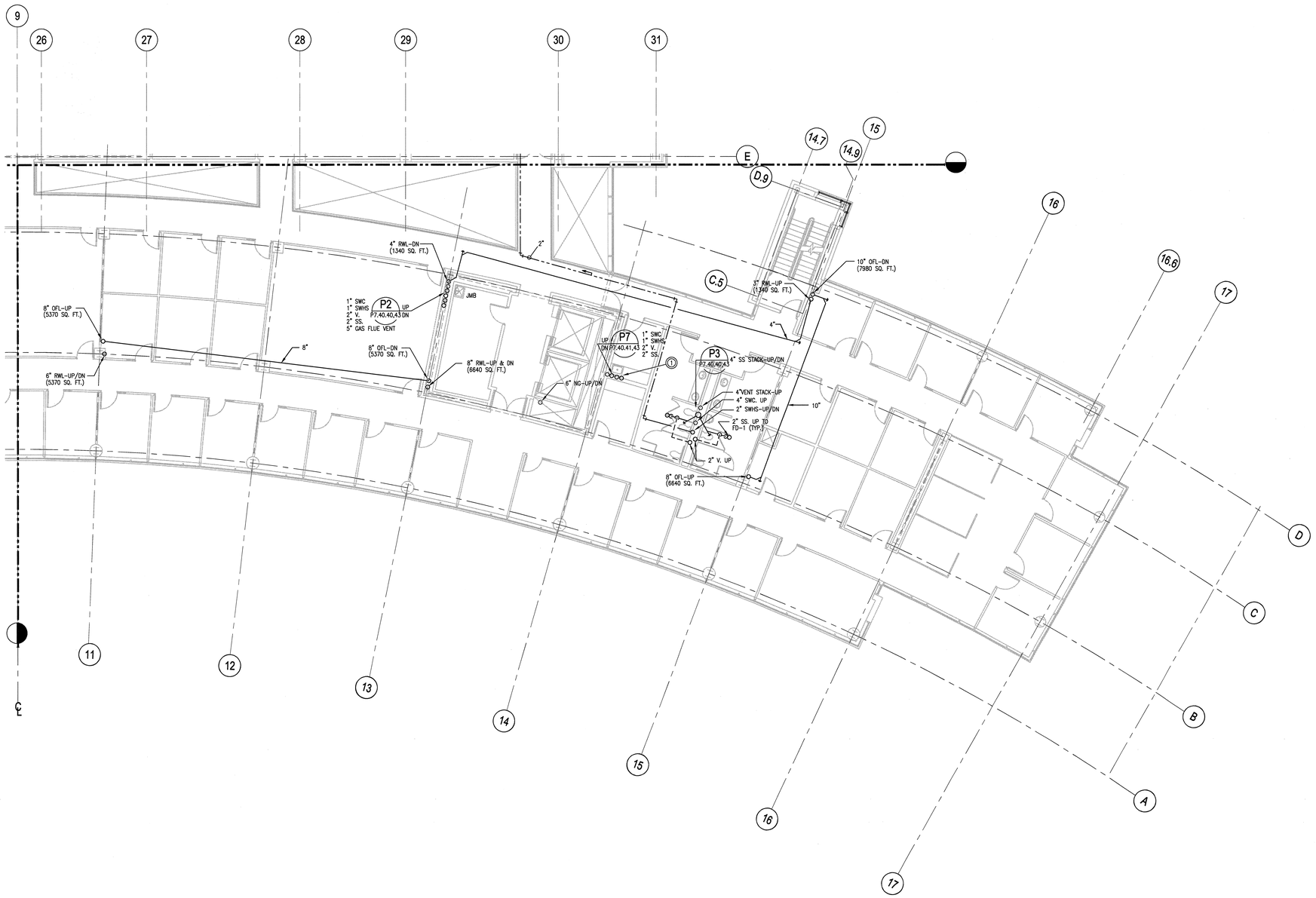


SHEET KEYNOTES

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.

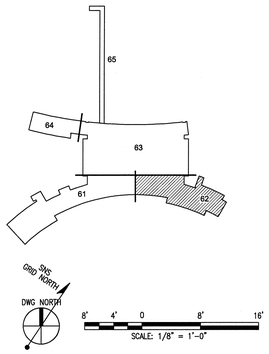
N009 GREASE INTERCEPTOR: 23"W X 32-1/4"LONG X 53-1/2" DEEP. INLET INVERT AT -2'-10" (1053.69) BELOW FINISHED FLOOR. INTERCEPTOR TO BE ENCASED IN 6" THICK CONCRETE ENCASEMENT PIT. ALLOW 2"+/- GROUT TO SET FLUSH WITH FLOOR.

N010 BACKFLOW PREVENTER SHALL BE OF THE REDUCED PRESSURE TYPE

N011 PROVIDE LOCKABLE BALL VALVE PER SPECIFICATION 15100

KEYNOTES

1. 1/2" SWH, 1/2"SWC & 1-1/4"V DOWN INSIDE WALL TO COFFEE STATION. FIXTURES TO INCLUDE SINK AND FAUCET SET.
2. 1/2" PW, 1/2"PWH & 1-1/2"V DOWN INSIDE WALL TO LAB SINK. 1/2"PW & 1/2"PWH DOWN TO FUME HOOD. HOOD CUP SINK AND FAUCETS FURNISHED BY HOOD VENDOR. LAB SINK & EYE WASH FURNISHED BY LAB CASEWORK VENDOR. PROVIDE GOOSENECK LAB SINK FAUCET SET EQUAL TO CHICAGO FAUCET MODEL #943 GN2DHB WITH INTEGRAL VACUUM BREAKER & WRIST HANDLES. ROUTE HORIZONTAL PIPING IN CASEWORK PIPE CHASE ON UNISTRUT SUPPORTS
3. 1 1/2"ESW DOWN INSIDE WALL TO EMERGENCY EYEWASH AND SHOWER. EYEWASH & SHOWER STATION SHALL BE EQUAL TO GUARDIAN MODEL 1950 WITH BALL VALVE & PULL RING. SEE DETAIL 11/P6.10.01
4. 1/2" PW, 1/2"PWH, 1/2" DIS, 1/2" DIR & 1-1/4"V DOWN INSIDE WALL TO LAB SINK. LAB SINK & HAND EYEWASH FURNISHED BY CASEWORK VENDOR. FOR PW & PWH: PROVIDE GOOSENECK LAB SINK FAUCET SET EQUAL TO CHICAGO FAUCET MODEL #943 GN2DHB WITH INTEGRAL VACUUM BREAKER & WRIST HANDLES. FOR DIS PROVIDE GOOSENECK FAUCET EQUAL TO CHICAGO FAUCET MODEL 870B



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U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC. ♦ Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
PLUMBING FLOOR PLAN
LEVEL 3, SECTOR 62

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	P	X	X	8	8600		1	1	P	U
51		52		53	WBS					REV
NC		NA			1.8.3.14		P2.03.62			1

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
1				CERTIFIED FOR CONSTRUCTION - 12/20/01	EB	KJH													
0				CERTIFIED FOR CONSTRUCTION - MAY 15, 2001	EB	KJH			CLG	9/6/01	JS	8/21/01			JRL	9/25/01	BWJ	105869	5/15/01

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
RW	AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED
SC	AW	WRS	RL	WRS	BWJ	--	WRS	--	WAS

SQUAD CHECK

RPE: BRUCE W. JOHNSON, REGISTERED ENGINEER, ACORD & TWO, CODES, No. 0010580, STATE OF TENNESSEE
1 12/20/01 REV. DATE

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

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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