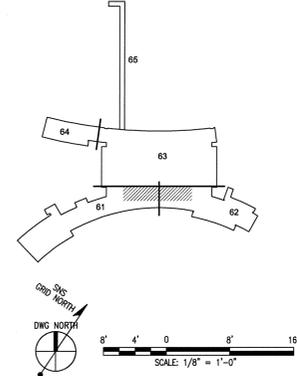


SHEET KEYNOTES

- 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" L 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"+/- CROUT 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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SECTION AND DETAIL KEY

NUMBER OF SECTION OR DETAIL

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

THIS DOCUMENT CONTROLLED BY CHANGE CONTROL SYSTEM ENGINEERING PROCEDURE SNS-ENG-0001

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
2		CERTIFIED FOR CONSTRUCTION - 12/20/01	EB	KJH		11/10/01											
1		CERTIFIED FOR CONSTRUCTION - MAY 15, 2001	EB	KJH													
0		CERTIFIED FOR CONSTRUCTION - OCTOBER 25, 2000	EB	KJH													
REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE

RPE

DRN M. WITHROW 05/15/01

CHK T. WHITE JR. 05/15/01

DEPT B. JOHNSON 05/15/01

PE C.L. GARREN 9/6/01

PJ J. STELLERN 08/21/01

REQ

REV. DATE

12/20/01

UTB J.R. LAWSON 09/25/01

DRAWING APPROVALS

108031400-P8E-8600-A014

Knight Jacobs

Knight Jacobs Joint Venture
701 Scarboro Road, MD 8253
Oak Ridge, TN 37830
865-241-9433
for 865-241-3400

KNIGHT
Knight Advanced Technology

Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT contract DE-AC05-00OR22725

PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
UNDER SLAB KITCHEN AREA

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	1.8.3.14						
NC	NA									

P4.10.40

REV 2

AutoCAD

A