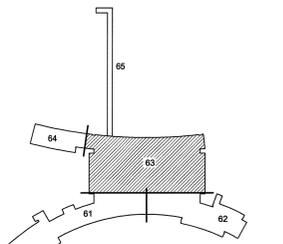
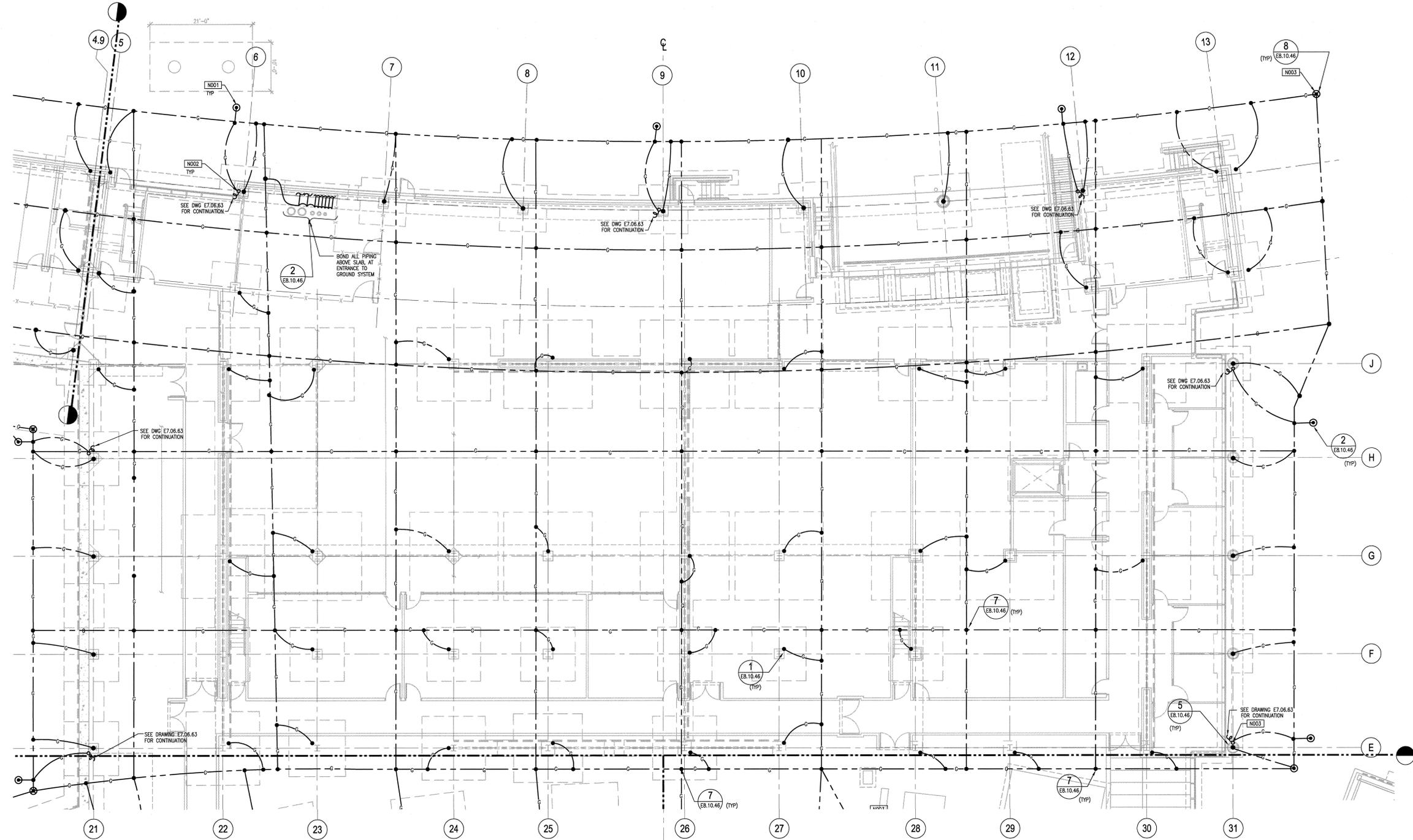


GENERAL NOTES:

- 1. GROUND WIRE DEPTH SHALL BE MINIMUM OF 30" BELOW FINISHED GRADE.
- 2. REFER TO SHEET EB.10.46 FOR ADDITIONAL UNDERGROUND DETAILS AND INFORMATION.
- 3. FIELD VERIFY THE EXACT ROUTING OF ALL GROUND WIRES AND COORDINATE WITH OTHER TRADES.

KEYNOTES:

- NO01 TYPICAL DRIVEN GROUND ROD ALONG THE BUILDING PERIMETER FOR LIGHTNING PROTECTION SYSTEM.
- NO02 FOR CONNECTION TO LIGHTNING PROTECTION DOWN CONDUCTOR.
- NO03 TYPICAL GROUND TEST WELL.



108031400-E8E-8600-A005

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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

GROUNDING PLAN

LEVEL B1, SECTOR 63

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8600		1	1	P	U
51		52		5.3	WBS					REV
NC		NA		1.8.3.14						E7.B1.63 2

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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	BY	CHK	DEPT	DESCRIPTION	REVISION OR ISSUE PURPOSE
2						
1						
0						

REV	DATE	REQ	DATE	UTB	DATE	RPE	DATE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	
	10/11/01	VS	10/29/01																	
	10/15/01	VS	10/29/01																	
	10/21/01	VS	10/29/01																	
	10/21/01	VS	10/29/01																	

RPE

DSN D.DANIELSON 5/15/01

DRW S. BARNETT 5/15/01

CHK R.LENNING 5/15/01

DEPT

PRE C.GARRIN 10/1/01

PRJ J. STELLERN 8/21/01

REQ

REV 2 12-17-01

DATE

UTB J.LANSON 10/8/01

DRAWING APPROVALS