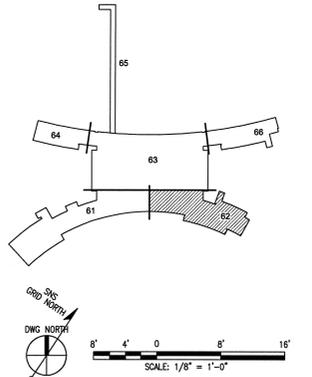
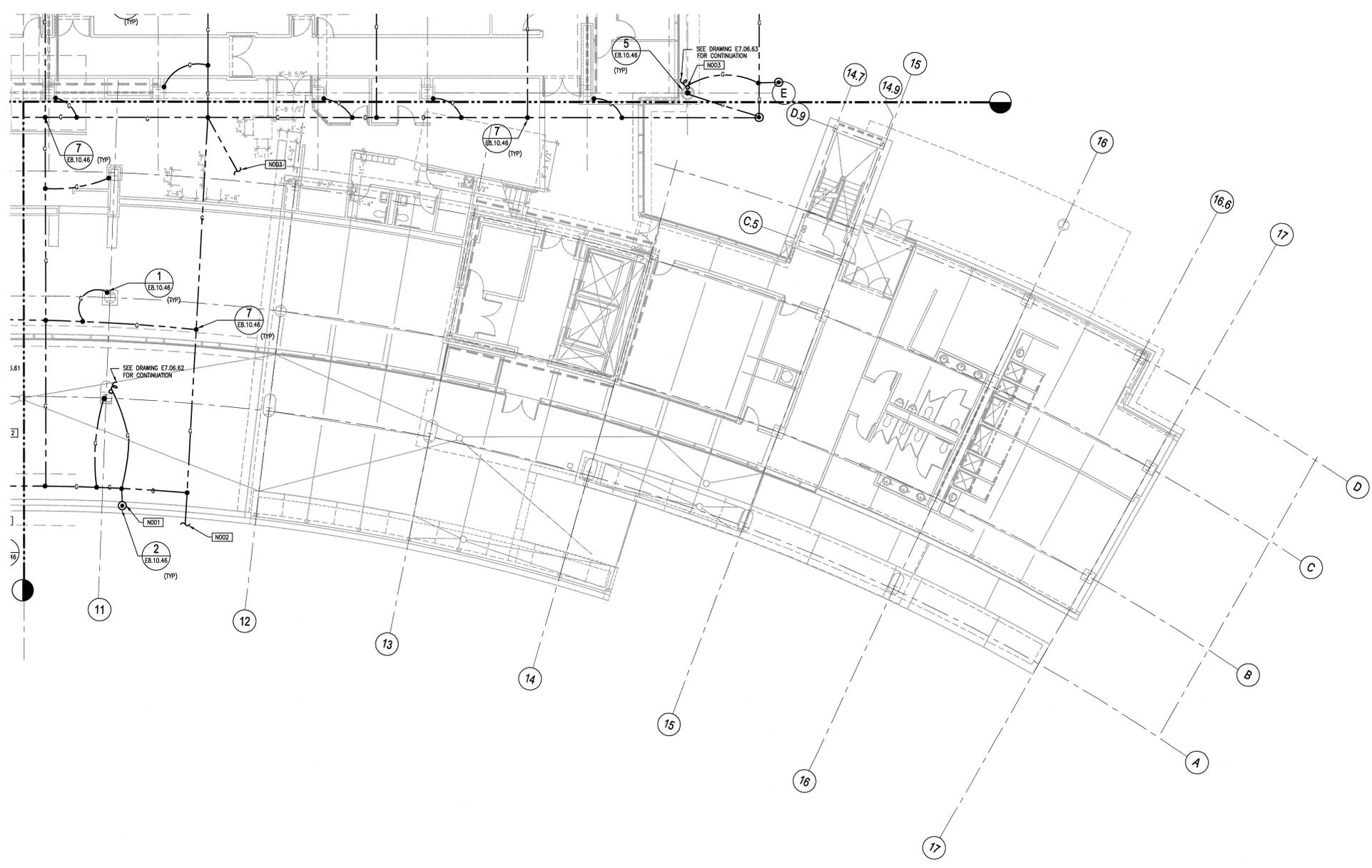


GENERAL NOTES:

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

KEYNOTES:

- N001** TYPICAL DRIVEN GROUND ROD ALONG THE BUILDING PERIMETER FOR LIGHTNING PROTECTION SYSTEM.
- N002** FOR CONNECTION TO LIGHTNING PROTECTION DOWN CONDUCTOR.
- N003** EXTEND GROUND WIRE TO B2 LEVEL GROUND LOOP AND CONNECT.

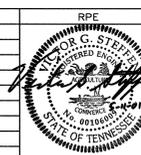


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KNIGHT Knight Advanced Technology 4710 East Dismal, Suite #1 Memphis, TN 38117	UT-BATTELLE Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee
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PROJECT NAME:
**SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
GROUNDING PLAN
LEVEL B1, SECTOR 62**

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	E	X	X	8	8600		1	1	P	U
51		52	53	WBS						REV
NC	NA			1.8.3.14						E7.B1.62 1



DSN	R.OLAPOUR	5/15/01
DRW	S.BARNETT	5/15/01
CHK	R.LENNIG	5/15/01
DEPT		
TYPE		
PU		
REQ		
LUTB		
REV.	DATE	DRAWING APPROVALS
1	5-11-01	

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	PE	DATE	PU	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	SQUAD CHECK
1		CERTIFIED FOR CONSTRUCTION - 05/15/2001	RO	RL																							
0		CERTIFIED FOR CONSTRUCTION - 10/25/2000	RO	RL																							

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

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