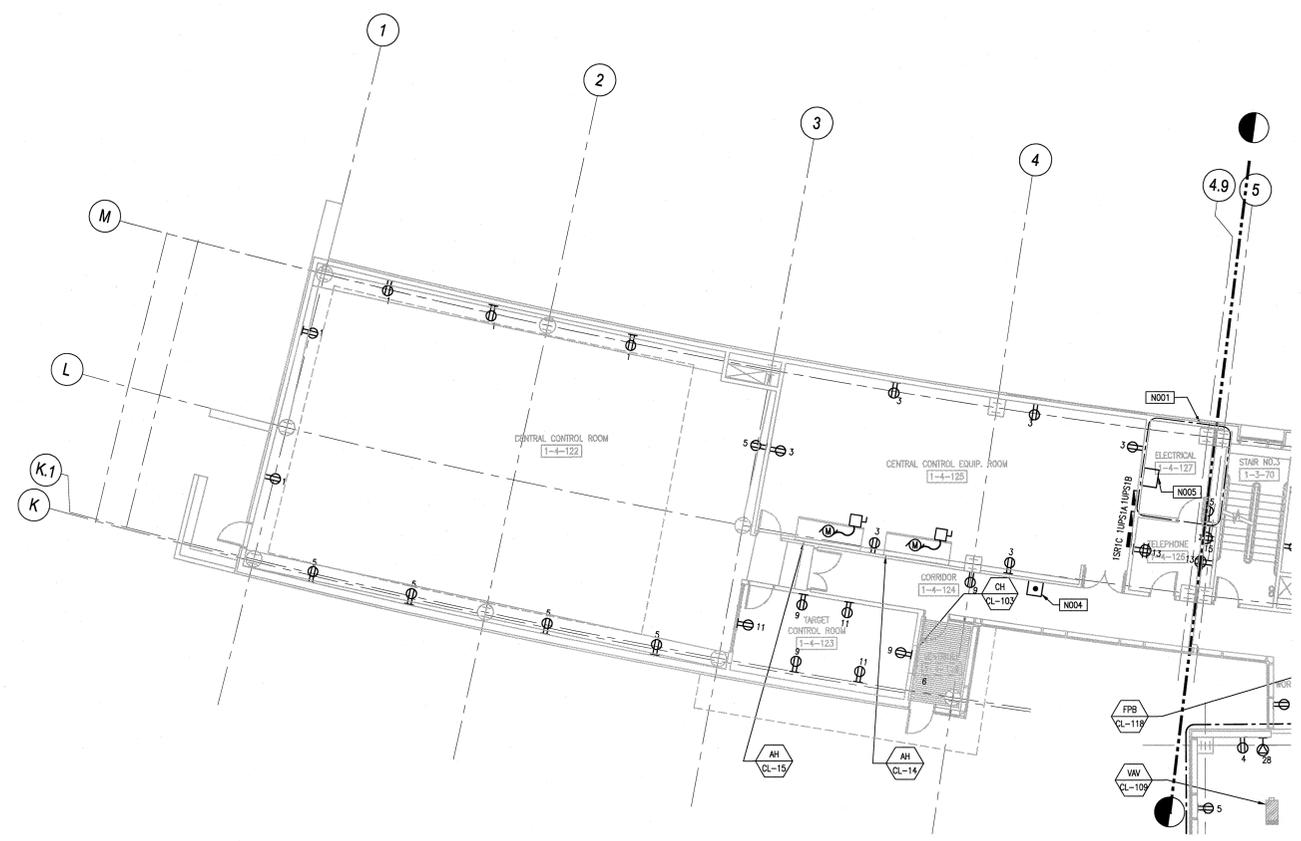


GENERAL NOTES:

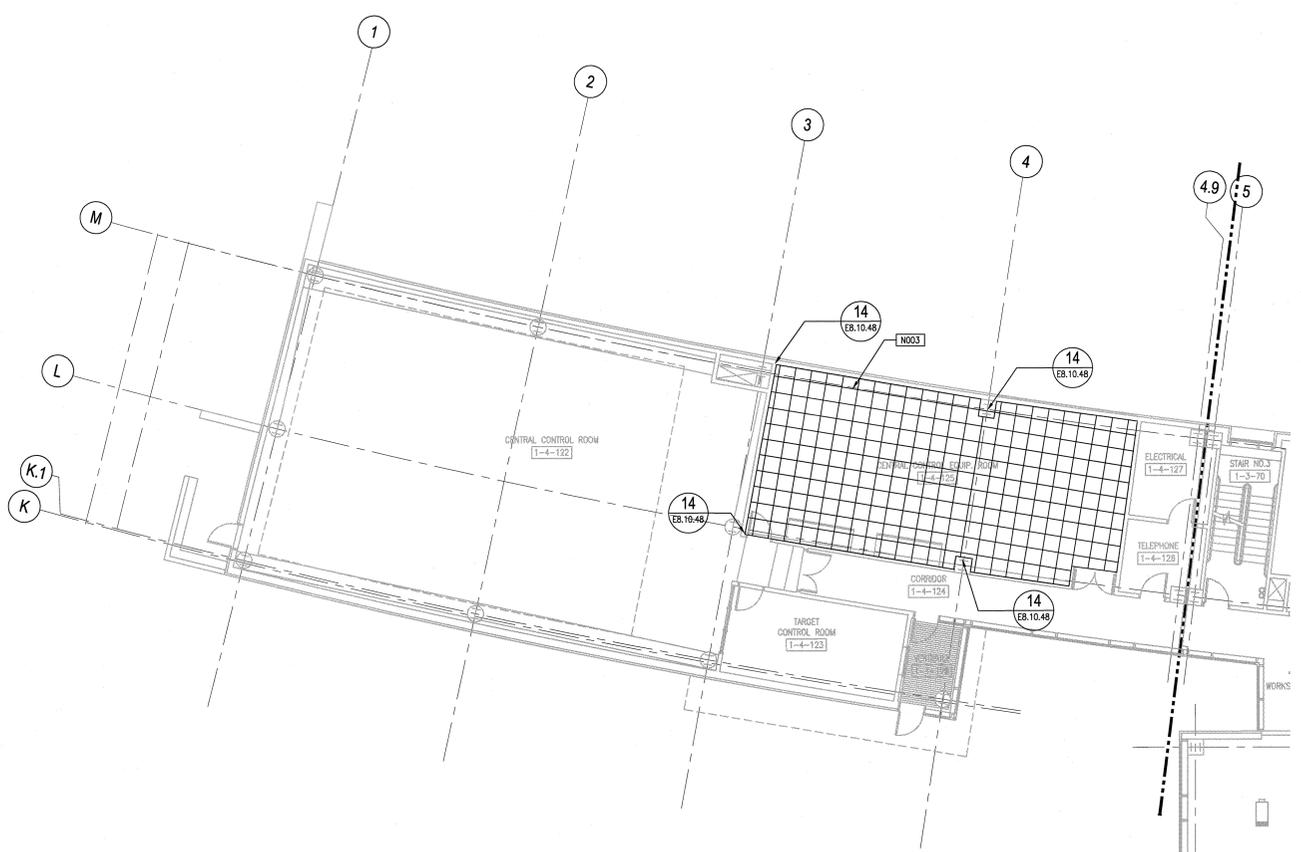
- CONNECT ALL CIRCUITS TO PANEL 181A UNLESS NOTED OTHERWISE.
- MOTORS ARE PROVIDED WITH MECHANICAL EQUIPMENT AND SHOWN FOR CLARITY ONLY.
- REFER TO DRAWING E2.10.44 AND E2.10.45 FOR MECHANICAL EQUIPMENT FEEDER SIZES.

KEYNOTES:

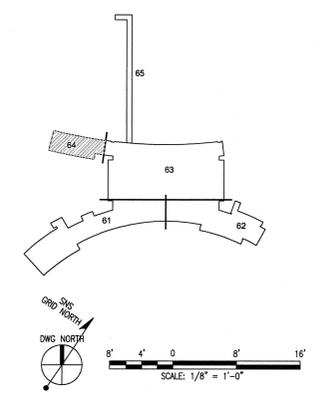
- NO01** SEE DRAWING E8.10.41 FOR ENLARGED PLAN OF THE ELECTRIC ROOM.
- NO02** MOUNT RECEPTACLES 18" ABOVE RAISED FLOOR WITHIN CONTROL ROOMS.
- NO03** PROVIDE SIGNAL REFERENCE GRID (SRG) UNDERNEATH CONTROL ROOM RAISED FLOOR ON SLAB. REFER TO DRAWING E8.10.48 DETAILS 7, 8, 9, 10, 11, 12, 13 AND 14.
- NO04** PROVIDE EMERGENCY POWER OFF (EPO) BREAK GLASS PUSH BUTTON FOR DISCONNECTING POWER TO THE CONTROL EQUIPMENT ROOM 1-4-25 AND TO HVAC EQUIPMENT SERVING THIS AREA. (AH-CL-14, AH-CL-15, PF-5, AH-CL-12.) PROVIDE AN ENGRAVED SIGN NEXT TO THE EPO THAT STATES "CENTRAL CONTROL EQUIPMENT ROOM EMERGENCY POWER AND HVAC OFF SWITCH".
- NO05** PROVIDE EPO CONTACTOR AND WIRE PER CONTROL DIAGRAM. REFER TO DRAWING E8.10.49, DETAIL 1.



1 POWER PLAN - CENTRAL CONTROL EQUIPMENT ROOM
 SCALE: NOT TO SCALE



2 GROUNDING PLAN (SRG) - CENTRAL CONTROL EQUIPMENT ROOM
 SCALE: NOT TO SCALE



NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DESCRIBED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DESCRIBED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDERS ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

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
 ENGINEERING PROCEDURE SMS-ENG-0001

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR		
1		CERTIFIED FOR CONSTRUCTION - 12/20/01	DD	RL																									
0		CERTIFIED FOR CONSTRUCTION - 05/15/2001	DD	RL																									

REV	DATE	DESCRIPTION	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1	12-17-01																

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UT-BATTELLE
 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
ELECTRICAL POWER PLAN
LEVEL 1, SECTOR 64

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

REV 51 NC 52 NA 53 WBS 1.8.3.14 E4.01.64

AutoCAD

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