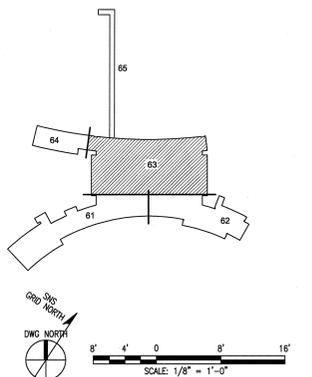
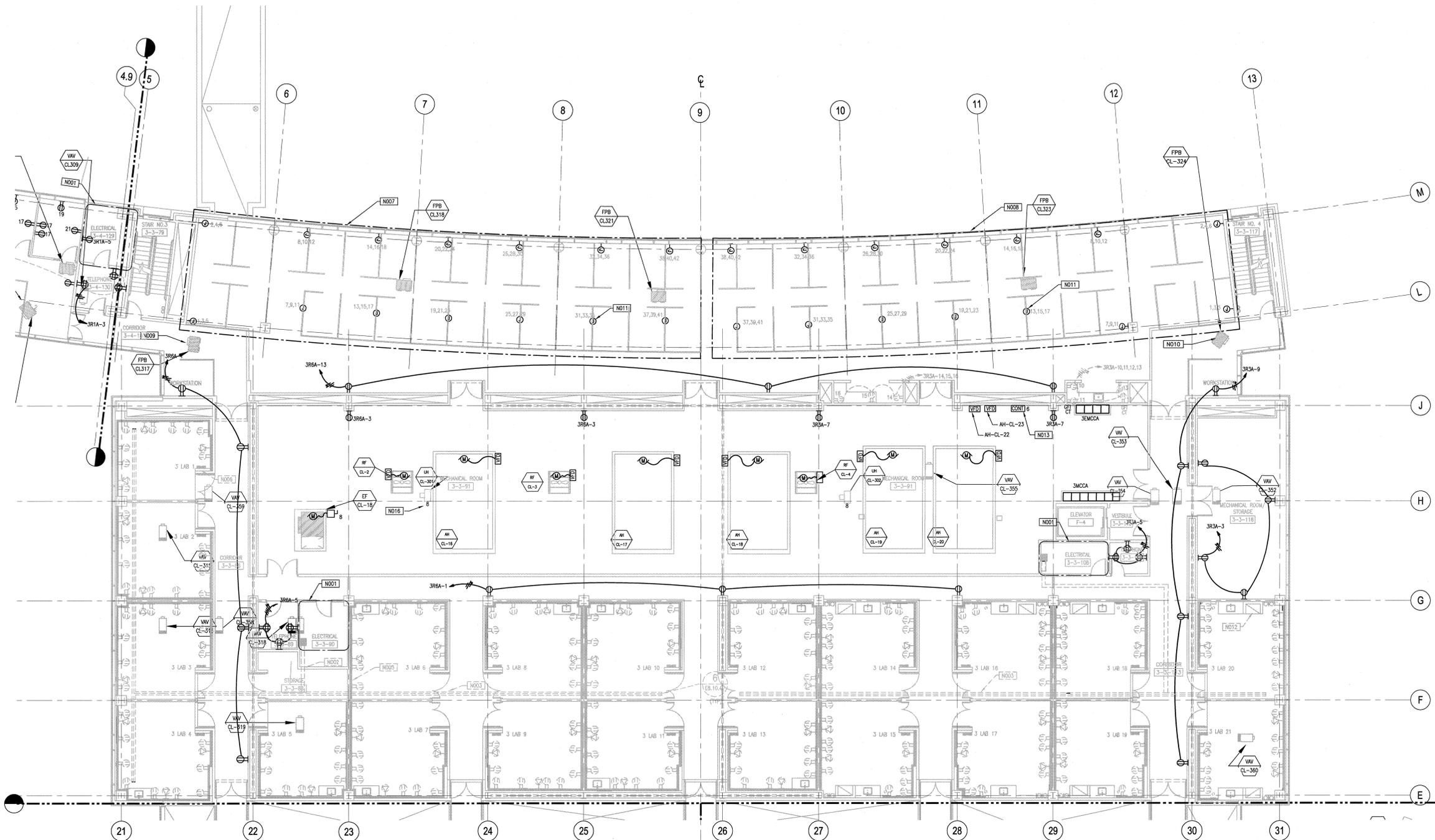


GENERAL NOTES:

- 1. REFER TO DRAWINGS E2.10.44 AND E2.10.45 FOR 480VAC MECHANICAL EQUIPMENT FEEDER SIZES.
- 2. MOTORS ARE FURNISHED WITH MECHANICAL EQUIPMENT AND ARE SHOWN FOR CLARITY.

KEYNOTES:

- N001 SEE DRAWING EB.10.43 FOR ELECTRICAL ROOM ENLARGED FLOOR PLAN.
- N002 400 AMP, 480 VOLT, 3 PH, 4 WIRE FEEDER BUS DUCT (TYP.).
- N003 400 AMP, 480 VOLT, 3 PH, 4 WIRE PLUG IN BUS DUCT (TYP.).
- N004 NOT USED.
- N005 FURNISH AND INSTALL SURFACE MOUNTED POWER AND DATA WIREMOLD GRIDDED AT 6" ABOVE THE COUNTER. PROVIDE ONE 120V RECEPTACLE AT 5' O.C. AND ONE 200V SINGLE PHASE RECEPTACLE 20' O.C. IN DRY LABS, 10' O.C. IN WET LABS REFER TO COMMUNICATION PLANS FOR REQUIRED PHONE AND DATA OUTLETS.
- N006 CONNECT ALL WIREMOLD RECEPTACLES TO PANELBOARD WITHIN LAB AREA UNLESS REFER TO PANEL SCHEDULE ON DRAWING E9.21.58 (TYP.).
- N007 INSTALL CONDUIT WITH PULL STRING FROM JUNCTION BOX TO PANEL 3SR3A.
- N008 CONNECT ALL CIRCUITS FOR FAN POWERED HOT WATER TERMINAL UNITS FFB-CL-317, 318, 319 AND 321 TO PANEL 3R1A. (TYP. 4).
- N010 CONNECT ALL CIRCUITS FOR FAN POWERED HOT WATER TERMINAL UNITS FFB-CL-322-323 AND 324 TO PANEL 3R4A. (TYP. 4).
- N011 MOUNT J-BOX IN THE CEILING SPACE BENEATH THE ABOVE FLOOR SLAB. (TYP.)
- N012 CONNECT ALL LAB FUME HOOD EXHAUST TO PANEL WITHIN WET LAB AREA UNLESS REFER TO PANEL SCHEDULE ON DRAWING E9.21.58 (TYP.).
- N013 CONNECT 120VAC, 20A, 1 PH CIRCUIT FOR MECHANICAL EQUIPMENT CONTROL ENCLOSURE TO PANEL 3R3A. EQUIPMENT CONTROL BY OTHERS.
- N014 PROVIDE STANCHION MOUNTING FOR VETS LOCATED AT MECHANICAL EQUIPMENT (TYP.).
- N015 CONNECT UNIT HEATER UH-CL-301 AND 302 TO PANEL 3R1A.



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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
ENGINEERING PROCEDURE SNS-ENG-001

REV	DATE	BY	CHK	DEPT	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	
1	08/21/01	DD	RL		08/21/01																		
0	08/21/01	DD	RL		08/21/01																		

DRW	DATE	BY	CHK	DEPT	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	
DANIELSON	5/15/01				5/15/01																		
BARNETT	5/15/01				5/15/01																		
GARREN	10/1/01				10/1/01																		
STELLERN	8/21/01				8/21/01																		

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PROJECT NAME:
**SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
ELECTRICAL POWER PLAN
LEVEL 3, SECTOR G3**

1	481	451	501	PLANT	BLDG	FL	SH	OF	TYPE	CLASS
3	E	X	X	8	8000		1	1	P	U
51	52	53		WBS						
NC	NA			1.8.3.14					E4.03.63	1