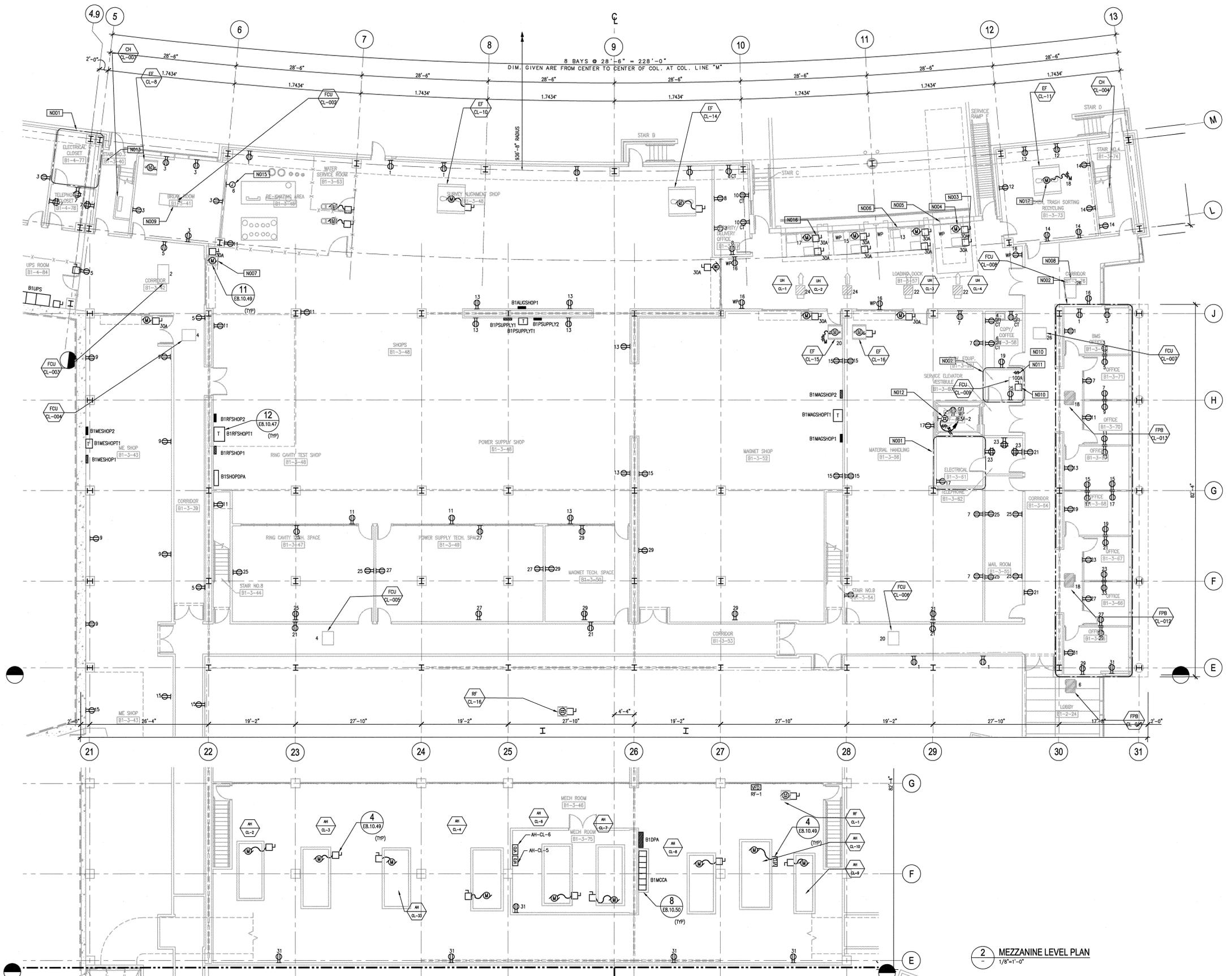


**GENERAL NOTES:**

- CONNECT ALL CIRCUITS TO PANEL B1R3A UNLESS NOTED OTHERWISE.
- REFER TO DRAWING E2.10.44 AND E2.10.45 FOR 480VAC MECHANICAL EQUIPMENT FEEDER SIZES, UNLESS NOTED OTHERWISE.
- MOTORS ARE PROVIDED WITH MECHANICAL EQUIPMENT AND SHOWN FOR CLARITY ONLY.

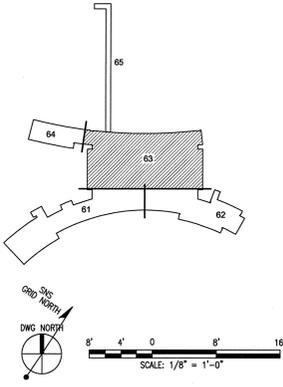
**KEYNOTES:**

- N001 SEE DRAWING EB.10.40 FOR ENLARGED PLAN OF THE ELECTRICAL ROOM.
- N002 CONNECT ALL CIRCUITS TO PANEL B1R3A UNLESS NOTED OTHERWISE.
- N003 CONNECT 480VAC, 3PH, 30A FEEDER AND DISCONNECT SWITCH FOR TRASH COMPACTOR CONTROL TO PANEL B1DPPB. (TYP. 1)
- N004 CONNECT 480VAC, 3PH, 30A FEEDER AND DISCONNECT SWITCH FOR MOTORIZED OVERHEAD DOOR CONTROL TO PANEL B1DPPB. (TYP. 6)
- N005 CONNECT 480VAC, 3PH, 30A FEEDER AND DISCONNECT SWITCH FOR TRUCK DOCK LEVELER CONTROL TO PANEL B1DPPB. (TYP. 3)
- N006 CONNECT 120VAC, 1PH, 20A CIRCUIT FOR TRUCK RESTRAINT CONTROL TO PANEL B1R4A. (TYP. 3)
- N007 CONNECT 480VAC, 3PH, 30A FEEDER AND DISCONNECT SWITCH FOR MOTORIZED OVERHEAD DOOR CONTROL TO PANEL B1SHPDPA. (TYP. 2)
- N008 CONNECT ALL CIRCUITS FOR FAN COIL UNITS FCU-CL-006,007,008 AND UNIT HEATERS UH-CL-1,2 AND 3 TO PANEL B1R3A.
- N009 CONNECT ALL CIRCUITS FOR FAN COIL UNITS FCU-CL-002,003,004,005 AND 007 TO PANEL B1R3A.
- N010 CONNECT 480VAC, 3PH, 100A FEEDER AND DISCONNECT SWITCH FOR ELEVATOR EQUIPMENT CONTROL TO B1DPPB.
- N011 CONNECT 120VAC, 1PH, 20A CIRCUIT FOR ELEVATOR CAB LIGHTING AND CONTROL TO PANEL T3A.
- N012 PROVIDE INCANDESCENT LIGHT FOR ELEVATOR PIT, CROUSE-HINDS FORM 200 CAT NO. VD22009 OR APPROVED EQUAL.
- N013 CONNECT HOT WATER CABINET UNIT CH-CL-004 TO PANEL B1R3A AND CH-CL-003 TO B1R1A.
- N014 NOT USED.
- N015 CONNECT 120VAC, 1PH, 20A CIRCUIT FOR UV LAMP SERVICE TO PANEL B1R1A.
- N016 MOTORIZED OVERHEAD DOOR CONTROL IS MOUNTED AND WIRED BY DOOR VENDOR. PROVIDE CONDUIT ONLY. (TYP)
- N017 CONNECT 120VAC, 1PH, 20A CIRCUIT FOR EXHAUST FAN EF-CL-11 AND 15 TO PANEL B1R4A.



1 B1 LEVEL FLOOR PLAN  
 1/8"=1'-0"

2 MEZZANINE LEVEL PLAN  
 1/8"=1'-0"



108031400-E8E-8600-A072

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 UT-BATTELLE, LLC, a DOE Entity

PROJECT NAME:  
**SPALLATION NEUTRON SOURCE**

**CENTRAL LAB AND OFFICE BUILDING**  
**ELECTRICAL POWER 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	NC	52	NA	53	WBS	1.8.3.14				E4.B1.63
										REV 1

REV	DATE	BY	CHK	DEPT	DATE	PE	DATE	PU	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
1	12/20/01	JRS			08/21/01											
0	05/15/2001				08/21/01											

**SECTION AND DETAIL KEY**

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

**REVISION APPROVALS**

DRW	J. BROWN	12/20/01
CHK	R. LENNIG	12/20/01
DEPT		
PE	C. GARREN	10/1/01
PJ	J. STELLERN	8/21/01
REQ		

DATE: 12-17-01  
 LTB J. LAWSON 10/8/01

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