

E



D

C

B

A

LINETYPE LEGEND:

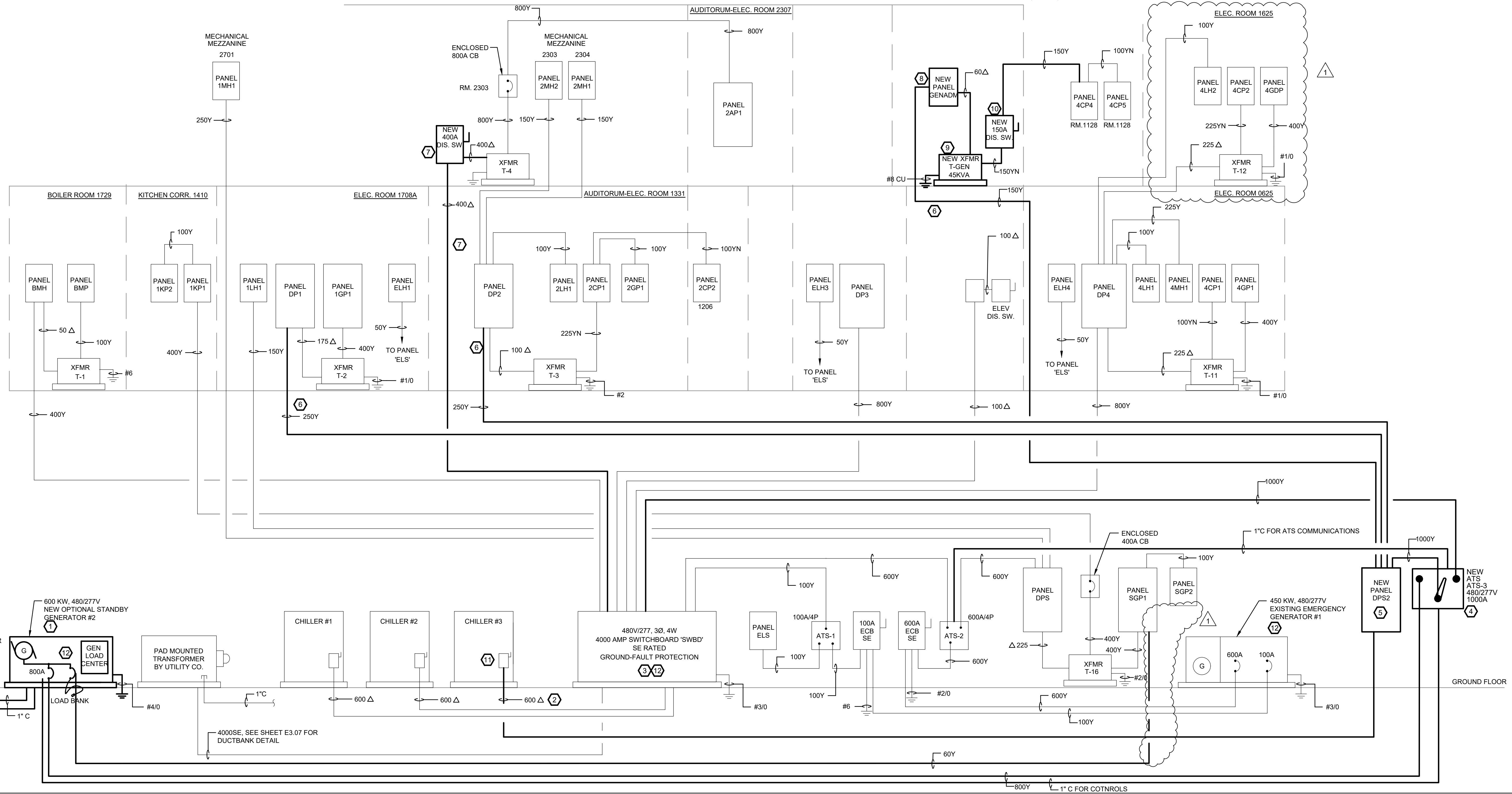
-  = NEW WORK
-  = EXISTING TO REMAIN

GENERAL NOTES:

1. REFER TO SHEET E001 FOR ADDITIONAL GENERAL ELECTRICAL NOTES.
2. REFER TO SHEET E100 FOR SUGGESTED CONDUIT ROUTING PATHS AND CEILING TYPES.
3. ALL ELECTRICAL EQUIPMENT IS EXISTING UNLESS NOTED OTHERWISE.
4. RE-LABEL EXISTING AND NEW PANELS/DISCONNECT SWITCHES WITH NEW SOURCE PANEL AND SOURCE PANEL LOCATION.
5. LABEL NEW PANELS WITH CALCULATED FAULT CURRENT PER NEC.

NEW WORK KEYED NOTES:

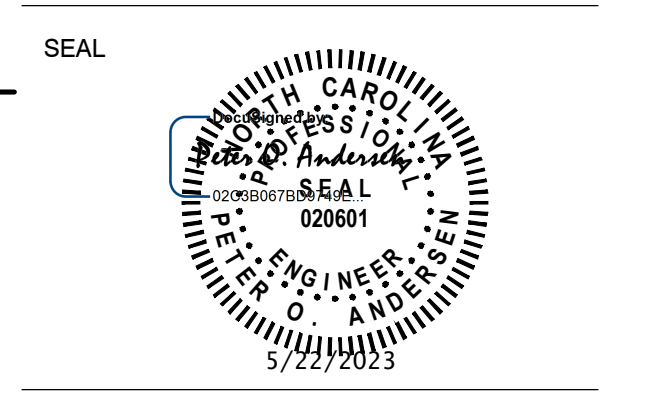
1. PROVIDE A NEW 600KW, 480/277V, GENERATOR WITH (1) 800A BREAKER AND ANOTHER 800A BREAKER FOR LOAD BANK TESTING WITH 10' 800A COLORED DLO CABLING WITH CAMLOCK TERMINATIONS.
2. PROVIDE A NEW FEEDER FOR EX. CHILLER TO PANEL "DPS2".
3. PROVIDE A NEW BREAKER ACCORDING TO PANEL SCHEDULE AND ELEVATIONS ON SHEET E401.
4. PROVIDE A 480/277V, 1000A, NEMA 1, 3P, SOLID NEUTRAL, OPEN TRANSITION WITHOUT BYPASS ISOLATION AUTOMATIC TRANSFER SWITCH "ATS-3".
5. PROVIDE A NEW 480/277V, 3PH, 4W, 1000A MCB, NEMA 1 PANELBOARD "DPS2". REFER TO PANEL SCHEDULE ON SHEET E401 FOR MORE INFORMATION.
6. PROVIDE A NEW FEEDER FOR EXISTING PANEL IN EXISTING CONDUIT. EXTEND CONDUIT AS NEEDED TO REACH NEW DISTRIBUTION PANEL.
7. PROVIDE NEW FEEDER FROM SWITCHBOARD TO NEW DISCONNECT SWITCH. REFER TO E201 FOR MORE INFORMATION ON NEW DISCONNECT SWITCH.
8. PROVIDE NEW 45KVA, 480-208/120V, 3PH, NEMA 1, TRANSFORMER "T-GEN".
9. PROVIDE A NEW 480/277V, 3PH, 4W, 100A MCB, NEMA 1 PANELBOARD "GENADMIN". REFER TO PANEL SCHEDULE ON SHEET E401 FOR MORE INFORMATION.
10. PROVIDE A NEW 240V, 3P, 200A, DISCONNECT FUSED AT 150A.
11. LABEL EXISTING CHILLER #3 DISCONNECT, "CHILLER: #3 FED FROM DPS2 PANEL AND STANDBY GENERATOR #2".
12. LABEL SWITCHBOARD SERVICE DISCONNECT, AND GENERATORS #1 AND #2 DISCONNECTS: "BUILDING SERVED BY 3 SOURCES OF POWER: "UTILITY SWBD (MAIN ELEC ROOM), EMERGENCY GENERATOR #1 (YARD) AND STANDBY GENERATOR #2 (YARD)".



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WCPSS HERITAGE
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 EMERGENCY SHELTER
 GENERATOR
 PROJECT
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 WAKE FOREST, NC 27587



SEAL

KEY PLAN

SCALE

No.	DATE	BY	Description
1	5/22/2023	MH	ADDENDUM#1

REVISIONS

DRAWN BY: MEH
 APPROVED BY: POA
 CHECKED BY: JGW
 DATE: 05/01/2023

**ELECTRICAL
 RISER DIAGRAM
 NEW WORK**

PROJECT NO. 50146589

E-302