

Addendum #4

MULTIPLE BUILDING LIGHTING RETROFIT MIDDLE TENNESSEE STATE UNIVERSITY Murfreesboro, Rutherford County, Tennessee



ICT PROJECT NO. 180502.11

January 17, 2025

This Revision forms a part of the Contract Documents and modifies the original Documents dated November 8, 2024 as outlined here in addition to being shown on the drawings.

CHANGES TO THE OVERALL SCOPE:

The scope of work for Addendum 3 includes one (1) revised specification section, and one (1) revised sheets.

Prebid Questions:

1. Regarding the Student Union Building, please advise on the typical process for maintaining and servicing the lights in the building's main lobby. Specifically, how are the lights normally swapped out. What equipment is needed on a typical basis? ICT Response: It takes a spider lift to reach those lights. They are available for rent to reach up to 72' high.
2. What size lift can be used within the Student Union Building? What is typically used for maintenance of electrical fixtures? ICT Response: A spider lift will fit through a standard 3'-0" door opening. Also, there is a freight elevator that moves through the service space that is used to move the lift to other floors.
3. What scope is considered for the electrical contractor when encountering lamps and fixtures where the existing lens on the fixture is either dirty, broken or missing? ICT Response: Contractor is required to clean fixtures per the contract documents. The majority of damaged fixtures were in the James Union Building and have been shown to be replaced per contract drawings. If contractor encounters fixtures with broken or missing lamps contractor to provide pictures of fixture and location for evaluation, but lamps will be replaced as indicated in the contract documents.

Drawings:

1. E002 – Changed work associated with Type 51 to replace fixture.
2. E101B – Removed stray fixture looking devices from plans for clarification. Added type 22 tags to clarify that each 4' section of the pendants in the Bookstore require 3-4' lamp replacement. Clarified General Note that emergency battery backup is only required in the James Union Building and Keathley University Center emergency fixtures and that the Student Union Building fixtures are backed up by emergency generator. This is typical for all sheets.
3. E102A – Removed stray fixture looking device from plan for clarification. Clarified General Note that emergency battery backup is only required in the James Union

Building and Keathley University Center emergency fixtures and that the Student Union Building fixtures are backed up by emergency generator.

4. E103B – Changed work associated with Type 51 to replace fixtures. Clarified General Note that emergency battery backup is only required in the James Union Building and Keathley University Center emergency fixtures and that the Student Union Building fixtures are backed up by emergency generator.
5. E103C - Changed work associated with Type 51 to replace fixtures. Clarified General Note that emergency battery backup is only required in the James Union Building and Keathley University Center emergency fixtures and that the Student Union Building fixtures are backed up by emergency generator.

END OF ADDENDUM 4

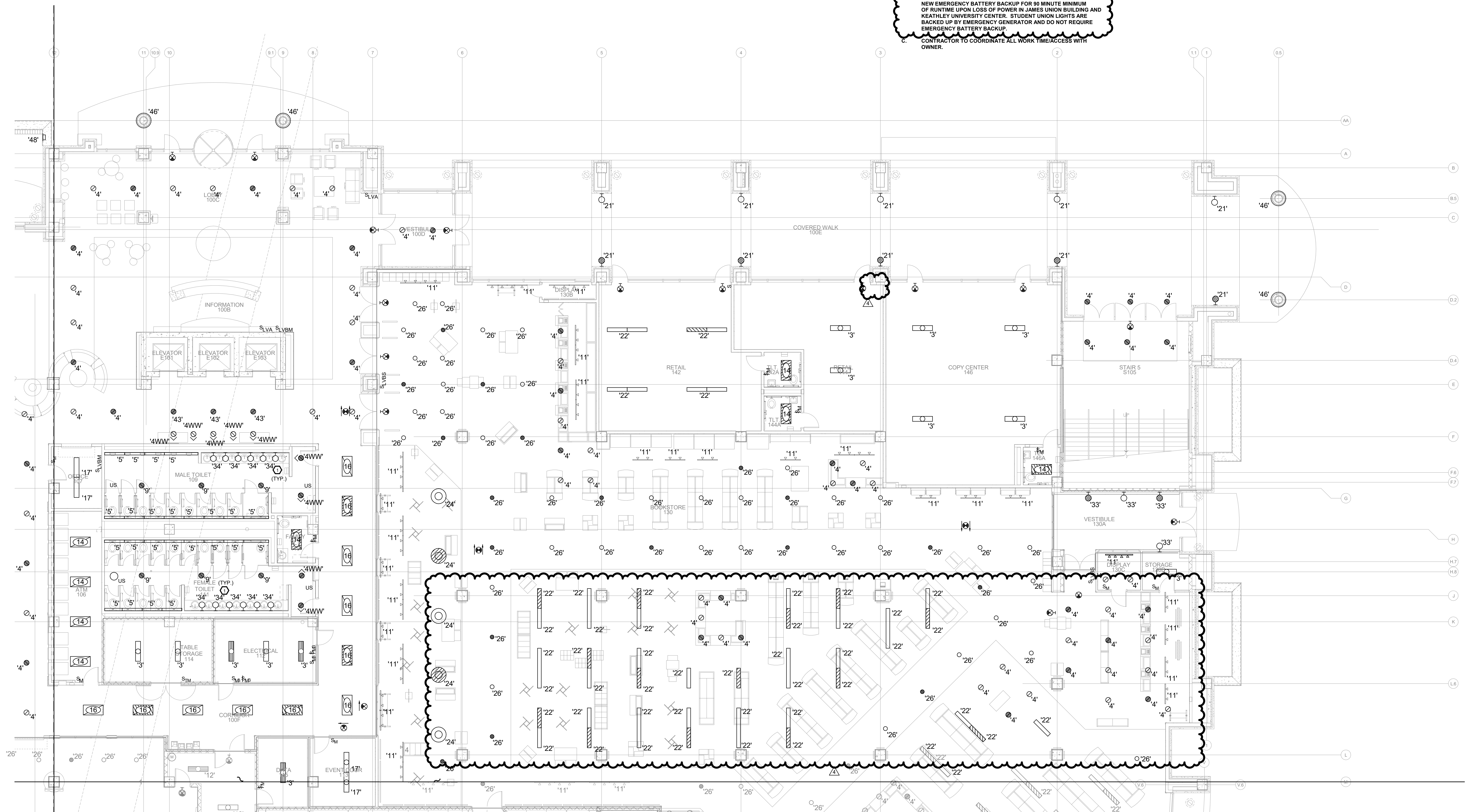


GENERAL NOTES:

- A. CONTRACTOR TO CLEAN DUST OFF ALL FIXTURES.
- B. ALL TUBE FLUORESCENT LAMP FIXTURES SHALL BE REWIRED AND REWORKED TO REMOVE BALLASTS AND BE DIRECT WIRED LED LAMPS. CFL DOWNLIGHTS SHALL HAVE BALLASTS BYPASSED AND LAMPS REPLACED WITH LED LAMPS. SCREW IN LAMPS SHALL BE REPLACED WITH NEW LED SCREW IN LAMPS. PROVIDE NEW EMERGENCY BATTERY BACKUP FOR 90 MINUTE MINIMUM OF RUNTIME UPON LOSS OF POWER IN JAMES UNION BUILDING AND HEATHLEY UNIVERSITY CENTER. STUDENT UNION LIGHTS ARE BACKED UP BY EMERGENCY GENERATOR AND DO NOT REQUIRE EMERGENCY BATTERY BACKUP.
- C. CONTRACTOR TO COORDINATE ALL WORK TIME/ACCESS WITH OWNER.

ELECTRICAL NOTES:

- 1. CONTRACTOR SHALL REPLACE EXISTING BATHROOM SCONCE WITH NEW TYPE. CONTRACTOR SHALL TOUCH UP PAINT WALL TO MATCH.



LIGHTING - MTSU SUB LEVEL 1 - PART B
1/8" = 1'-0"

LIGHTING - MTSU SUB LEVEL 1 - PART B

MTSU Multiple Building Lighting Retrofit

Murfreesboro Tennessee

ICT I.C. THOMASSON ASSOCIATES, INC.
CONSULTING ENGINEERS
NASHVILLE, TN. (615) 346-3400

DRAWN BY Author	JOB No. 180502.11	SCALE 1/8" = 1'-0"
CHECKED BY Checker	ISSUE DATE 11/08/24	SHEET No. E101B
FILENAME E101B	PLOT DATE	

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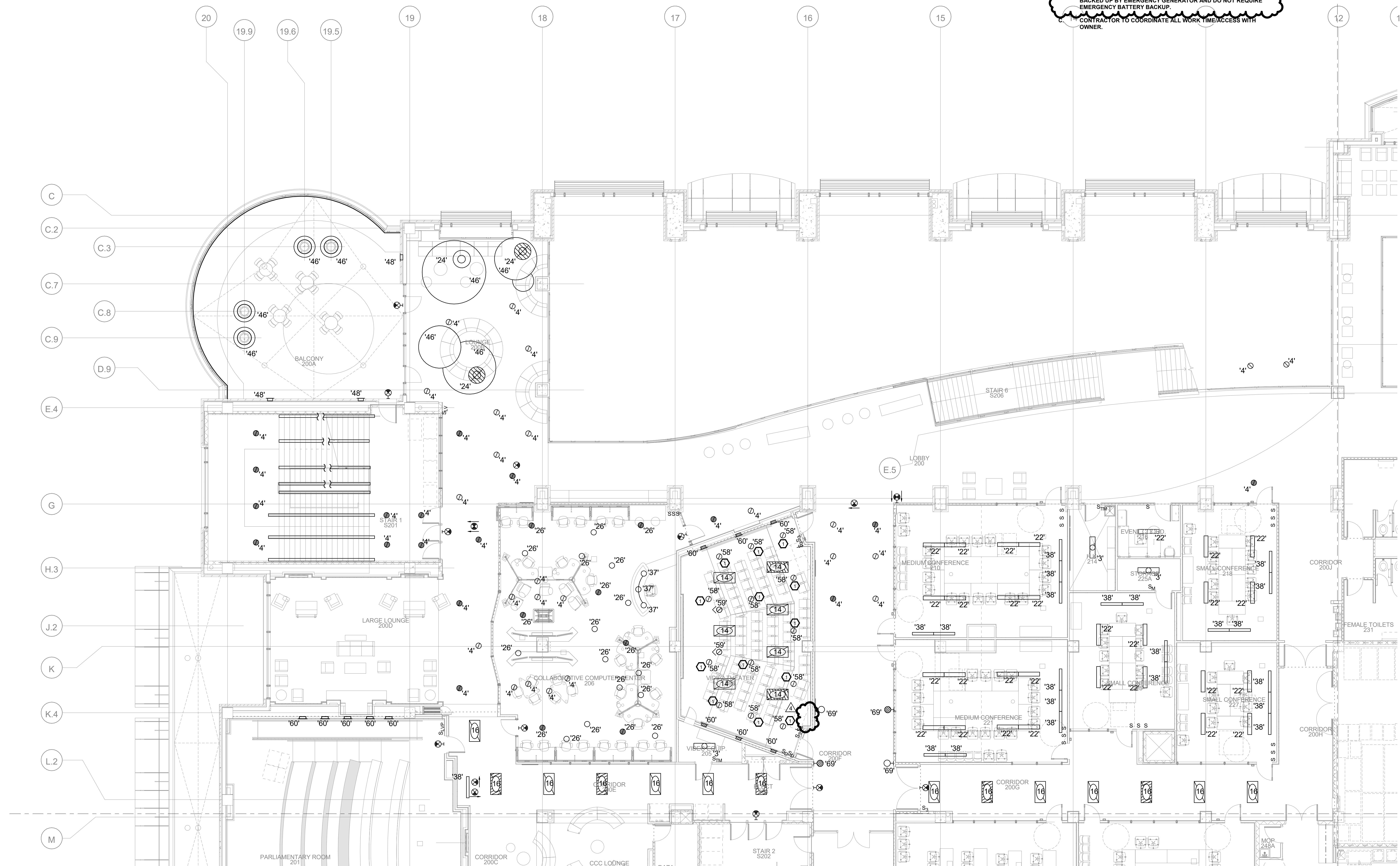
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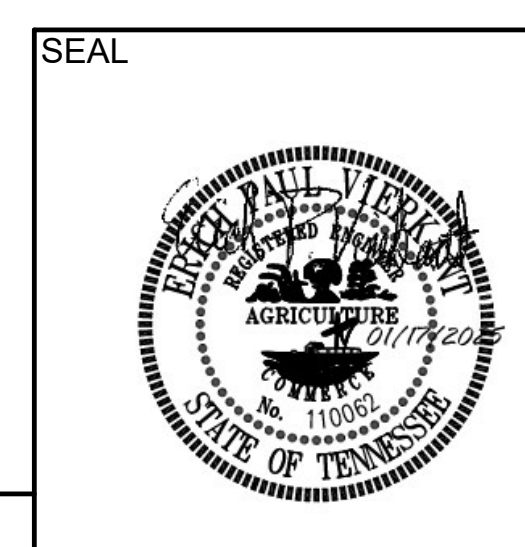
ELECTRICAL NOTES:

- 1. REPLACE EXISTING INCANDESCENT DOWNLIGHT WITH NEW LED TYPE. REPLACE WALL BOX DIMMERS TO BE COMPATIBLE WITH NEW FIXTURES.



LIGHTING - MTSU SUB LEVEL 2 -PART A
1/8" = 1'-0"

LIGHTING - MTSU SUB LEVEL 2 - PART A



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FILENAME E102A	PLOT DATE	

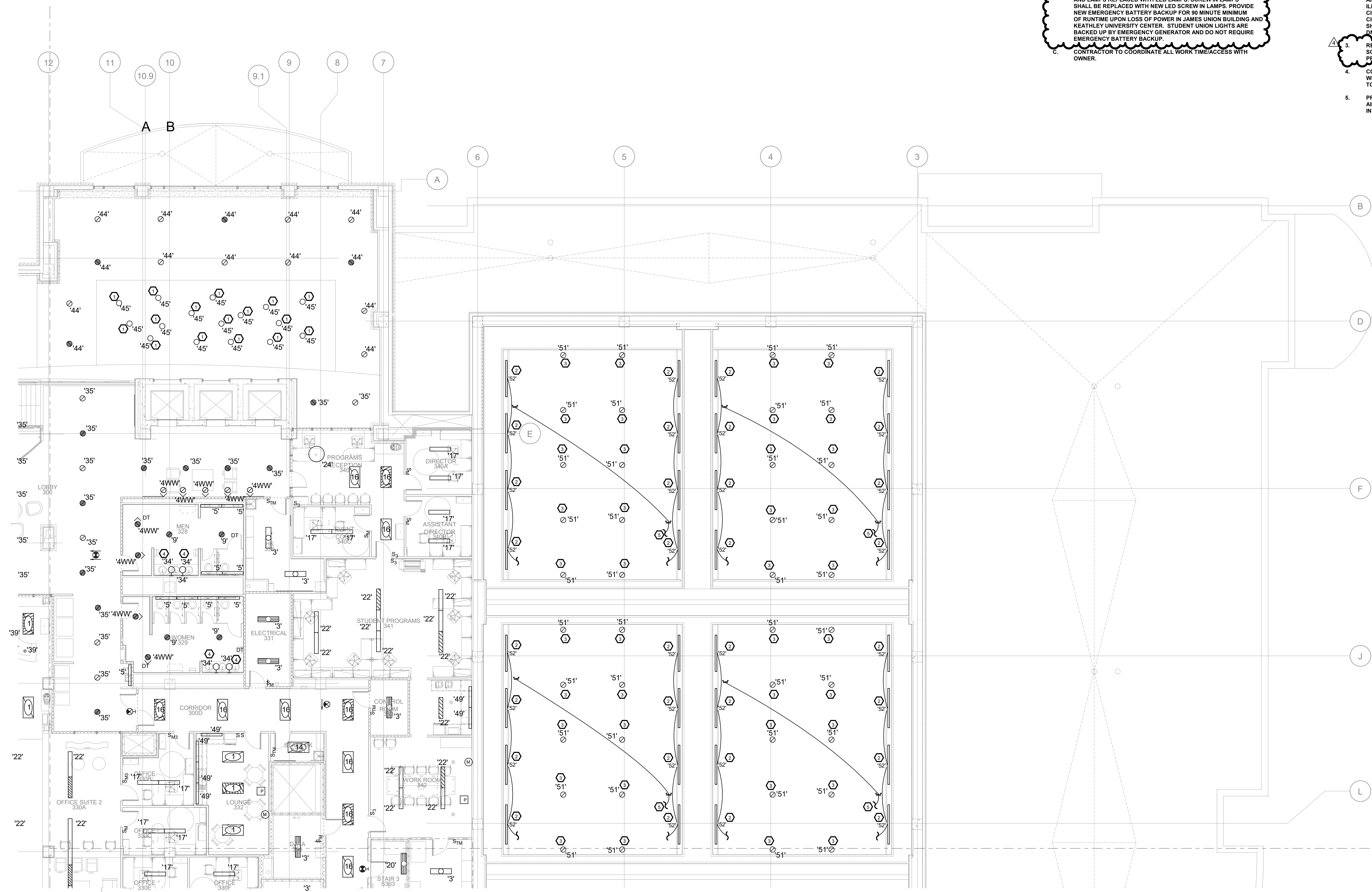
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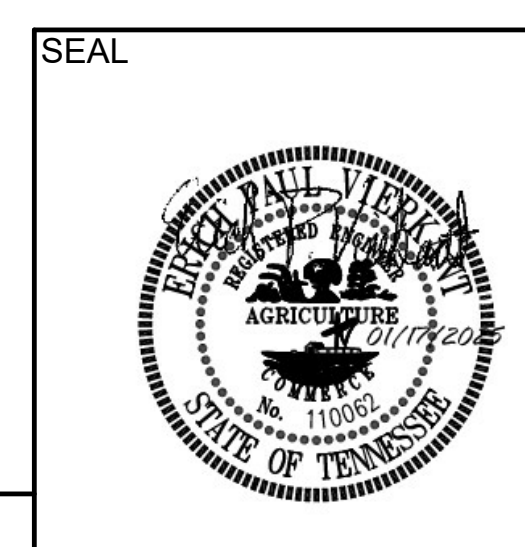
ELECTRICAL NOTES:

- 1. EXISTING PENDANT SHALL BE REPLACE WITH NEW PENDANT. NEW PENDANTS SHALL BE VARYING HEIGHTS TO MATCH EXISTING HEIGHTS.
- 2. REPLACE EXISTING TYPE 'S2's TO NEW RGB TYPE. EXISTING 'S2's ARE END OF COVE. INSTALL NEW TYPE 'S2's TO BEST ILLUMINATE WHITE CEILING ONLY. REMOVE EMERGENCY CIRCUITRY TO THE 'S2's. UTILIZE THE NORMAL LIGHTING CIRCUITRY TO POWER NEW FIXTURES. EMERGENCY LIGHTING SHALL BE FROM EMERGENCY LIGHTS IN KEYNOTE 5. PROVIDE DIMMABLE BACK TO DIMMER RACK.
- 3. REPLACE EXISTING PENDANT WITH NEW TYPE INDICATED ON SCHEDULE. PROVIDE EQUIPMENT TO ACCESS ABOVE CLOUDS. PROVIDE NEW 0-10V CABLING BACK TO DIMMER.
- 4. CONTRACTOR SHALL REPLACE EXISTING BATHROOM SCONCE WITH NEW TYPE. CONTRACTOR SHALL TOUCH UP PAINT WALL TO MATCH.
- 5. PROVIDE EMERGENCY WALL LIGHT MOUNTED BETWEEN CLOUDS AIMED AT FLOOR BELOW. TIE INTO EXISTING EXIT SIGN CIRCUITRY IN ROOM.



LIGHTING - MTSU SUB LEVEL 3-PART B
1/8" = 1'-0"

LIGHTING - MTSU SUB LEVEL 3 - PART B



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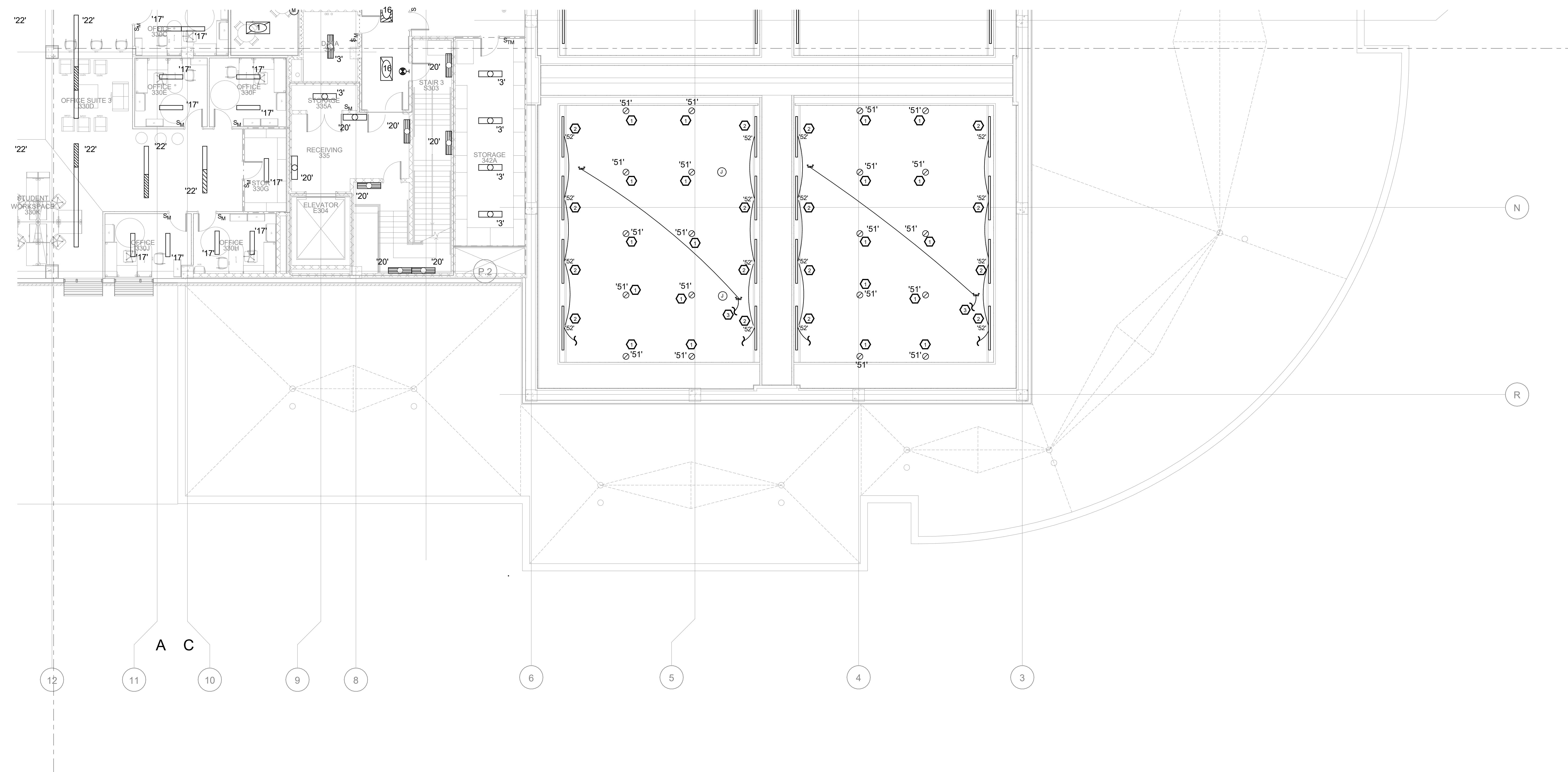
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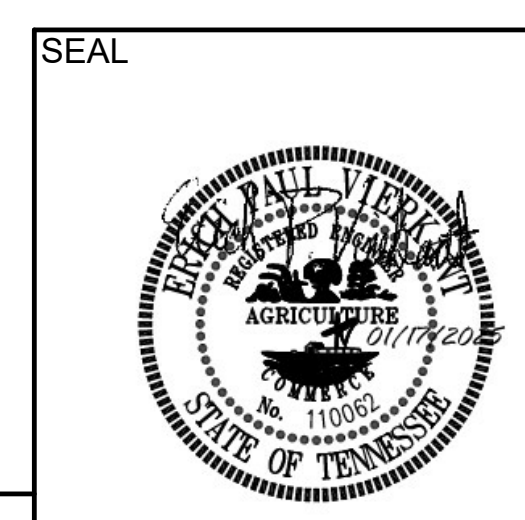
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- 2. REPLACE EXISTING TYPE '52's TO NEW RGB TYPE. EXISTING '52's ARE END TO END OF COVE. INSTALL NEW TYPE '52's TO BEST ILLUMINATE WHITE CEILING ONLY. REMOVE EMERGENCY CIRCUITRY TO THE '52's. UTILIZE THE NORMAL LIGHTING CIRCUITRY TO POWER NEW FIXTURES. EMERGENCY LIGHTING SHALL BE FROM EMERGENCY LIGHTS IN KEYNOTE 5. PROVIDE DIMX CABLING BACK TO DIMMER RACK.
- 3. PROVIDE EMERGENCY WALL LIGHT MOUNTED BETWEEN CLOUDS AIMED AT FLOOR BELOW. TIE INTO EXISTING EXIT SIGN CIRCUITRY IN ROOM.



LIGHTING - MTSU SUB LEVEL 3-PART C
1/8" = 1'-0"

LIGHTING - MTSU SUB LEVEL 3 - PART C

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