



**LIGHTING PLAN**  
SCALE: 3/16" = 1'-0"

**ELECTRICAL NOTES:**

1. INSTALL NEW EXIT SIGN AT THIS LOCATION CONNECTED TO THE EXISTING LIGHTING CIRCUIT UNWITCHED AT THE END OF CONSTRUCTION SO THERE IS NO CONFUSION ON THE EGRESS PATH.
2. TO MEZZANINE LIGHTS, REF. SHEET E2.02.
3. NOT USED.
4. EXHAUST FAN CONNECTED TO ROOM LIGHTS. FAN TO RUN WITH LIGHTS ON.
5. DUAL TECHNOLOGY, SELF ADAPTIVE, CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO HUBBELL "OMNI DT-2000". PROVIDE POWER PACK(S) AS REQUIRED FOR LIGHTING LOAD CONTROLLED. EXACT QUANTITY AND LOCATION OF SENSORS AS PER MANUFACTURER'S RECOMMENDATION.
6. DUAL TECHNOLOGY, SELF ADAPTIVE, CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO HUBBELL "OMNI DT-500". PROVIDE POWER PACK(S) AS REQUIRED FOR LIGHTING LOAD CONTROLLED. EXACT QUANTITY AND LOCATION OF SENSORS AS PER MANUFACTURER'S RECOMMENDATION.
7. DUAL TECHNOLOGY, SELF ADAPTIVE, WALL MOUNTED OCCUPANCY SENSOR SWITCH EQUAL TO HUBBELL "LH-MT-S-1-W".
8. ROUTE CONDUCTORS THROUGH EXTERIOR LIGHTING CONTACTOR.
9. EXTERIOR LIGHTING CONTACTOR SHALL BE 4-POLE, RATED 20A/30A (TUNGSTENBALLAST), 277 VOLT, 10KAIC WITHSTAND RATING. MECHANICALLY HELD WITH 277 VOLT COIL AND 2-WIRE CONTROL. CONTROL CONTACTOR WITH PHOTOCELL "ON"/TIMECLOCK "OFF" CONTROL. PROVIDE ENGRAVED NAMEPLATE DENOTING "OUTDOOR LIGHTING CONTACTOR", ATTACHED WITH SCREWS OR RIVETS. REFERENCE DETAIL "A", SHT. E5.01.
10. NEW LIGHTING TIME CLOCK SHALL BE SETUP TO CONTROL THE NEW LIGHTING CONTACTOR VIA PHOTO CELL AS FOLLOWS: TURN ON OUTDOOR LIGHTING AT DUSK AND TURN OFF LIGHTING AT DAWN OR OTHER TIME AS STIPULATED BY OWNER. PROVIDE NAMEPLATE DENOTING "EXTERIOR/SITE LIGHTING TIME CLOCK", ATTACHED WITH SCREWS OR RIVETS.
11. OUTDOOR LIGHTING PHOTOELECTRIC SWITCH SHALL BE EQUAL TO TORK MODEL 2107.
12. SITE LIGHTING CONTACTOR SHALL BE 4-POLE, RATED 20A/30A (TUNGSTENBALLAST), 120/240 VOLT, 10KAIC WITHSTAND RATING, MECHANICALLY HELD WITH 120 VOLT COIL AND 2-WIRE CONTROL. CONTROL CONTACTOR WITH PHOTOCELL "ON"/TIMECLOCK "OFF" CONTROL. PROVIDE ENGRAVED NAMEPLATE DENOTING "OUTDOOR LIGHTING CONTACTOR", ATTACHED WITH SCREWS OR RIVETS. REFERENCE DETAIL "B", SHT. E5.01.
13. CONNECT TO THE EXISTING LIGHTING BRANCH CIRCUIT SERVING THE CORRIDOR LIGHTS OF THE EXISTING BUILDING.
14. J-BOX FOR POWER TO LETTERS/SIGNULUM LOGO. VERIFY EXACT HEIGHT AND LOCATION FOR J-BOX WITH SIGN MANUFACTURER AND ARCHITECT PRIOR TO ROUGH-IN.
15. NEW WALL SWITCH FOR EXISTING MECHANICAL ROOM LIGHTS. CONNECT TO THE EXISTING ROOM LIGHTS AND BRANCH CIRCUIT.
16. ALL CONDUIT, J-BOXES, AND DEVICES LOCATED IN THE CONSTRUCTION PRACTICES LAB SHALL BE SURFACE MOUNTED.
17. PROVIDE TWO TEMPORARY EXIT SIGNS EQUAL TO FIXTURE "X1" AT THESE LOCATIONS TO RE-DIRECT EGRESS PATH DURING CONSTRUCTION. CONNECT UNWITCHED TO THE EXISTING LIGHTING BRANCH CIRCUIT. THESE EXIT SIGNS SHALL BE REMOVED AFTER CONSTRUCTION FINISHES.

NOTE:  
ALL EXPOSED ELECTRICAL CONDUIT SHALL BE  
PAINTED THE COLOR LISTED BELOW:  
FIRE ALARM - MAROON  
POWER - RED  
DATA/WIFI - ORANGE

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**SCHOOL OF CONSTRUCTION PRACTICE  
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**DRAWING REVISIONS**

No.	Description	Date

DRAWN BY: DWB  
CHECKED BY: DWB  
SHEET

**E2.01**

DESCRIPTION:  
**LIGHTING PLAN**

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11.03.25

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THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. 25-033

Date: **NOV 2025**  
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