

**THIRD FLOOR LIGHTING PLAN A**  
SCALE: 1/8" = 1'-0"

**GENERAL NOTES**

- A. COORDINATE LOCATION ALL LIGHTING WITH ARCHITECTURAL REFLECTED CEILING PLANS.  
 B. ALL EXISTING EXHL LUMINAIRES SHALL BE CIRCUITED TO THE NEW EM-3 PANELBOARD PROVIDED IN ROOM 3006 IN AREA 'C'.
- NOTES**
- ALL EXISTING LUMINAIRES IN THIS AREA SHALL BE WIRED TO THIS DESIGNATED PANEL UNLESS OTHERWISE NOTED. NIGHT LIGHTING AND EGRESS LUMINAIRES SHALL BE CONTROLLED SEPARATELY.
  - ALL LUMINAIRES IN THIS AREA SHALL BE WIRED TO THIS DESIGNATED PANEL UNLESS OTHERWISE NOTED. NIGHT LIGHTING AND EGRESS LUMINAIRES SHALL BE CONTROLLED SEPARATELY.
  - PROVIDE TWO (2) LUTRON ENERGY SAVER NODE, ONE (1) 0-10V FOR TYPE 'T', ONE (1) ECO-SYSTEM FOR TYPE 'AZ', FOUR (4) 4-BUTTON, RL, OFF DEVICES AND DAYLIGHT SENSORS. COORDINATE EXACT REQUIREMENTS WITH TEC STUDIO PRIOR TO ANY WORK BEING DONE.
  - PROVIDE LUTRON NOVA1 0-10V WALLBOX DIMMERS AND CEILING MOUNTED OCCUPANCY SENSOR, TYPICAL FOR MEETING ROOMS. COORDINATE EXACT REQUIREMENTS AND LOCATIONS WITH TEC STUDIO PRIOR TO ANY WORK BEING DONE.
  - FOR PRIVATE OFFICE, PROVIDE LUTRON CEILING MOUNTED RF VACANCY SENSOR AND LUTRON RF WALL SWITCH FOR CONTROL, TYPICAL FOR OFFICES. COORDINATE EXACT REQUIREMENTS WITH TEC STUDIO PRIOR TO ANY WORK BEING DONE.
  - PROVIDE LUTRON DUAL-TECH CEILING MOUNTED OCCUPANCY SENSORS, TYPICAL. COORDINATE EXACT REQUIREMENTS WITH TEC STUDIO PRIOR TO ANY WORK BEING DONE.
  - NO LIGHTING WORK IN THIS AREA. MAINTAIN EXISTING CIRCUITS AND CONTROLS.
  - THE EXISTING CIRCUIT SERVING THIS ROW OF EXISTING LUMINAIRES TO REMAIN IN NORMAL & EMERGENCY LTO. THE EXISTING CIRCUIT SERVING THIS ROW OF EXISTING LUMINAIRES TO REMAIN IN NORMAL & EMERGENCY LTO. INTERCEPT THE CIRCUIT AND PROVIDE A NEW 277 VOLT, 20 AMP CIRCUIT & BREAKER IN PANELBOARD 3A1. CONTROL LIGHTING THROUGH THE NEW LUTRON RELAY PANEL.
  - THIS EXISTING ROW OF LUMINAIRES TO REMAIN. MAINTAIN EXISTING CIRCUITS AND CONTROL THROUGH THE EXISTING CONTRACTOR.

**GENERAL NOTES**

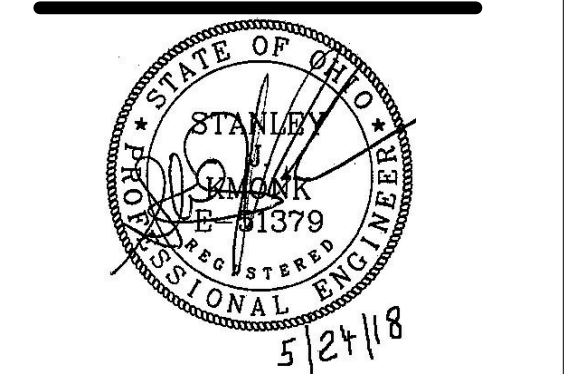
- C. WHEN REMOVING PORTIONS OF CKTS, MAINTAIN REMAINING LTO ON CKT. PROVIDE NEW PANELBOARD WHERE NECESSARY.
- CODED NOTES**
- REMOVE GROUP OF LTO FROM EXISTING CKT 3A1-18 & RE-CKT AS SHOWN. EXTEND CKT 3A1-1 THRU RELAY RLP3-1.
  - REMOVE GROUP OF LTO FROM EXISTING CKT EM-3-28 & RE-CKT AS SHOWN. DO NOT EXTEND THRU RELAY PANEL.
  - MAINTAIN EXISTING CKT EM-3-28 THRU RELAY RLP3-2. GROUPING SHOWN FOR CLARITY. CKT CONTINUES TO LTO IN ADJACENT SPACE.
  - APPROXIMATE ESTIMATED LOCATION OF ESN ABOVE CEILING. RELOCATE THIS ESN (DRIP) TO ELEC RM 3006. EXTEND CKTS TO NEW LOCATION AS NEEDED AND AS DESCRIBED ON RELAY PANEL SCHEDULE ON SHEET ED.17.
  - THREE (3) EXISTING CONTROL STATIONS TO BE RE-PROGRAMMED. EACH A 5-BUTTON CONTROLLER WITH RAISE/LOWER BUTTONS. EAST-MOST STATION SHALL CONTROL A2 LTO ZONE '4'. CENTER STATION SHALL CONTROL A2 LTO ZONE '5'. WEST-MOST STATION SHALL CONTROL A2 LTO ZONE 'C'.
  - NEW 5-BUTTON CONTROL STATION WITH RAISE/LOWER BUTTONS (LUTRON QSW2SBR-LWH) STATION SHALL CONTROL ALL RINGS (T3 & T4) TOGETHER (INCLUDING NORMAL & EMERGENCY LTO).
  - ALL FOUR (4) CONTROL STATIONS SHALL BE PROGRAMMED AS FOLLOWS (TOP TO BOTTOM): 100%, 75%, 50%, 25%, OFF.
  - DAYLIGHT HARVESTING SENSOR TO BE RE-ARMED TOWARD CLOSEST WINDOW ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
  - REMOVE CKT EM-3-28 EM RINGS FROM RELAY RLP3-7. EXTEND CKT THRU RELAY DRLP4-1 FOR 0-10V DIMMING/ ON/OFF CONTROL.
  - EXTEND CKT 3A1-24 ZONE 'a' THRU RELAY DRLP4-1 FOR 0-10V DIMMING/ ON/OFF CONTROL.
  - EXTEND CKT 3A1-24 ZONE 'b' THRU RELAY DRLP4-2 FOR 0-10V DIMMING/ ON/OFF CONTROL.
  - EXTEND CKT 3A1-24 ZONE 'c' THRU RELAY DRLP4-3 FOR 0-10V DIMMING/ ON/OFF CONTROL.
  - EXTEND CKT 3A1-24 NORMAL RINGS (T3 & T4) THRU RELAY DRLP4-4 FOR 0-10V DIMMING/ ON/OFF CONTROL.
  - RE-PROGRAM DAYLIGHT HARVESTING SO THAT MINIMUM DIM LEVEL BY SENSORS IS 25%.
  - REPLACE EXISTING 8" DOWNLIGHT WITH LED RETROFIT DOWNLIGHT, RX1. REFER TO LIGHTING FIXTURE SCHEDULE ON ED.17 FOR SPECIFICATION OF RX1.
  - REMOVE GROUP OF LTO (TYPES R2 AND RX1) FROM EXISTING CKT 3A1-14 AND RE-CKT TO ADJACENT CKT 3A1-20 AS SHOWN.
  - MAINTAIN LIGHTING CKT 3A1-20 THRU RELAY RLP3-8. BUT REVERSE PROGRAMMING OF THIS RELAY TO ALWAYS BE ON. LIGHTING TO BE CONTROLLED BY NEW LOCAL OCCUPANCY SENSORS.
  - REFER TO SHEET EL1.13B FOR CONTINUATION OF FIXTURE GROUPING.
  - PROVIDE POWER PACK RELAY ABOVE READILY ACCESSIBLE CEILING FOR LOCAL LIGHTING CONTROL.
  - PROVIDE DUAL-TECH CEILING MOUNTED OCCUPANCY SENSOR FOR LIGHTING CONTROL WITHIN ROOM.
  - PROVIDE 1-BUTTON MOMENTARY CONTACT SWITCH FOR ON/OFF CONTROL OF LOCAL ROOM.
  - PROVIDE LUTRON 1-BUTTON MOMENTARY CONTACT SWITCH TO BE 'JANITOR SWITCH' FOR THIRD FLOOR LIGHTING. SWITCH SHALL TURN LIGHTING ON IN 30 MINUTE INCREMENTS UP TO MAX OF 2 HOURS. SWITCH SHALL BE DISABLED DURING NORMAL BUSINESS HOURS. COORDINATE EXACT LOCATION IN FIELD WITH OWNER.
  - MOMENTARY CONTACT SWITCH #6. BUTTON SHALL CONTROL LIGHTING CKTS 3A1-18 AND 3B1-2.
  - MOMENTARY CONTACT SWITCH #7. BUTTON SHALL CONTROL LIGHTING CKTS 3A1-4, 3A1-6 3B1-8 AND 3A1-14.



Main Branch  
96 South Grant Avenue  
Columbus, OH 43215

Drawing Issue Dates  
Record Document  
October 28, 2016

REV NO	DESCRIPTION	DATE
60	PHASE 2	5/24/18



THIRD FLOOR LIGHTING PLAN A

**EL1.13A**

KORDA | CML

09/22/2017 | 2017-5008

**KORDA**  
KORDA, NEWETH ENGINEERING  
1650 WATERMARK DRIVE  
SUITE 200  
COLUMBUS, OHIO 43215

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PROJECT NUMBER: 2017-5008

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