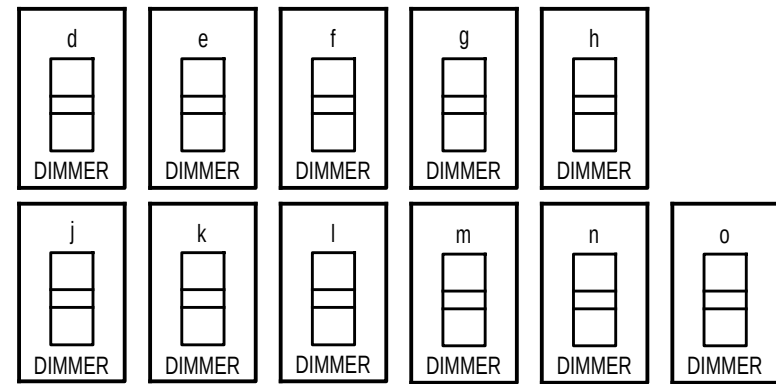




SWITCHBANK 'A'

GENERAL NOTES:

- PROVIDE COMPLETE LIGHTING SYSTEM IN ACCORDANCE WITH THE LATEST ADOPTED NEC, IECC, LOCAL ENERGY CODES, AND AUTHORITY HAVING JURISDICTION REQUIREMENTS.
- ALL CONDUCTORS SIZING IS BASED ON COPPER UNLESS NOTED OTHERWISE.
- UNLESS OTHERWISE SPECIFIED ALL CIRCUITS ARE TO BE RUN WITH (2)#12; (1)#12GND IN 3/4" C. 12/2 HCF MC TO BE USED IN CONCEALED SPACES.
- REFER TO THE ARCHITECTURAL PLANS FOR NOTES, DETAILS, MOUNTING HEIGHTS AND MILLWORK CIRCUITRY ROUTES IN ARCH. ELEVATIONS, LIGHTING SCHEDULES, ETC. FOR ADDITIONAL WORK AND CLARIFICATIONS, PRIOR TO ROUGH-IN. ALL WORK SHALL BE IN IN ACCORDANCE TO BUILDING MANAGEMENT REQUIREMENTS FOR CONSTRUCTION AND WITH ADJACENT OCCUPIED TENANTS.
- EXHAUST FANS INSIDE RESTROOMS TO BE CONNECTED TO NEAREST LIGHTING CIRCUIT.
- EC TO CONFIRM ALL ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT PRIOR TO PURCHASE AND INSTALLATION. IF THERE ARE ANY DISCREPANCIES, CONTACT ENGINEER IMMEDIATELY FOR REVISIONS.
- WITH THE EXCEPTION OF RESTROOMS, ALL LIGHT SWITCHES TO HAVE DIMMING CAPABILITIES.
- ALL EXISTING LIGHTING AND CONTROLS IN SPACE TO BE DISCONNECTED, RENDERED SAFE, AND DEMOLISHED.
- MOUNT THE EMERGENCY BATTERY PACK AND ASSOCIATED REMOTE TEST SWITCH IN A COMMON, ACCESSIBLE LOCATION COORDINATED WITH THE ELECTRICAL AND LIGHTING LAYOUTS. PRIOR TO ROUGH-IN, VERIFY THE MAXIMUM ALLOWABLE REMOTE-BATTERY LEAD DISTANCE AND CONDUCTOR REQUIREMENTS WITH THE FIXTURE MANUFACTURER. CONFIRM MOUNTING LOCATION WITH OWNER.

WORK NOTES:

- LED TAPE LIGHT IN CHANNEL TO BE INSTALLED IN COVE HIGH UP IN WALL. REFER TO ARCHITECTURAL PLANS FOR EXACT MOUNTING HEIGHT AND DETAIL.
- CHANNEL TAPE LIGHT TO BE INSTALLED ON MULTIPLE ELEVATIONS. EC TO CONFIRM WITH ARCHITECT ON ALL TAPE LIGHT LIGHTS AND LENGTHS PRIOR TO BID, PURCHASE, AND INSTALLATION.
- ROPE LIGHT TO BE INSTALLED ON MULTIPLE ELEVATIONS. EC TO CONFIRM WITH ARCHITECT ON ALL TAPE LIGHT LIGHTS AND LENGTHS PRIOR TO BID, PURCHASE, AND INSTALLATION.
- EC TO ROUGH IN POWER FOR SMALL DENTAL SIGNAGE. EC TO COORDINATE WITH OWNER FOR EXACT LOCATION. SIGN TO BE CONNECTED TO NEAREST LIGHTING CIRCUIT.
- EXISTING ROUGH IN FOR FUTURE EXTERIOR SIGN. SIGN TO BE ON CIRCUIT H1-55. COORDINATE EXACT LOCATIONS WITH OWNER AND GC PRIOR TO ROUGH-IN AND INSTALLATION.
- PROPOSED LOCATION OF MASTER OFF SWITCH, CONFIRM FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- SURFACE MOUNTED TAPE LIGHT TO BE INSTALLED UNDER CABINET. EC TO CONFIRM WITH ARCHITECT ON ALL TAPE LIGHT LIGHTS AND LENGTHS PRIOR TO BID, PURCHASE, AND INSTALLATION.
- PROPOSED TIMECLOCK LOCATION. EC TO CONFIRM LOCATION WITH OWNER PRIOR TO INSTALLATION.
- EGRESS HALLWAY LIGHTING SHALL BE AUTOMATICALLY CONTROLLED TO REDUCE LIGHTING POWER BY NOT LESS THAN 50% DURING PERIODS OF NON-OCCUPANCY. LIGHTING REQUIRED FOR MEANS OF EGRESS SHALL NOT BE AUTOMATICALLY TURNED OFF. CONTROLS SHALL COMPLY WITH 2009 IECC SECTION 505. AFTER HOURS CONTROLLED VIA TIME CLOCK.
- COORDINATE EXACT LOCATION OF INVERTER LOCATION. INVERTER TO CONTROL EMERGENCY EGRESS LIGHTS INDICATED. BASIS OF DESIGN DUAL LITE LG-250-S.

LIGHTING CONTROLS NARRATIVE:

THE LIGHTING CONTROL SYSTEM FOR THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF THE 2009 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), AS ADOPTED BY THE 2014 ARKANSAS ENERGY CODE FOR COMMERCIAL BUILDINGS. ALL LIGHTING CONTROL SYSTEMS SHALL BE DESIGNED TO MINIMIZE ENERGY CONSUMPTION WHILE PROVIDING OCCUPANTS WITH SAFE, FUNCTIONAL, AND FLEXIBLE CONTROL OF THE LIGHTING SYSTEMS.

- MANUFACTURER TO PROVIDE SHOP DRAWINGS INDICATING ALL LIGHTING DEVICES, ZONING, ETC. FOR REVIEW BY ENGINEER AND OWNER.
- ALL DAYLIGHT ZONES WITH GREATER THAN 150W OF LIGHTING TO HAVE SEPARATE SWITCHING. PROVIDE SECONDARY DAYLIGHT ZONE WHERE INDICATED.
- THIS PROJECT CONTAINS NO ZONES WHERE THIS IS APPLICABLE.
- ALL REGULARLY OCCUPIED SPACES TO HAVE DIMMING CONTROL, 0-10V PROTOCOL.
- PROVIDE TIMECLOCK SYSTEM AS INDICATED TO CONTROL INTERIOR LIGHTING IN CORRIDORS, LOBBIES, AND PUBLIC SPACES, AS WELL AS EXTERIOR LIGHTING.
- LIGHTING IN CORRIDORS, LOBBIES, AND PUBLIC SPACES TO BE CONTROLLED VIA TIMECLOCK WITH LOW-VOLTAGE SWITCHES FOR MANUAL 2-HOUR OVERRIDE AND DIMMING CAPABILITY. PROGRAM TO AUTOMATIC ON/OFF CORRESPONDING TO OFFICE HOURS.
- LIGHTING IN OPEN OFFICES TO BE CONTROLLED VIA TIMECLOCK. PROVIDE ROOM CONTROLLERS IN EACH OPEN OFFICE ZONE (5000SF MAXIMUM) SUCH THAT WITHIN EACH RELAY ZONE, TWO TO THREE. SEPARATE CONTROL ZONES EXIST (IE, DAYLIGHT ZONES). PROVIDE LOW-VOLTAGE SWITCHES FOR EACH OPEN OFFICE AREA, ONE SWITCH PER ZONE, WITH DIMMING OVERRIDE CAPABILITY.
- LIGHTING IN PRIVATE OFFICES, SMALL CONFERENCE ROOMS, AND ANY SMALLER, REGULARLY OCCUPIED ROOMS SHALL BE CONTROLLED VIA WALL-SWITCH OCCUPANCY SENSOR WITH DIMMING CAPABILITY. PROGRAM TO MANUAL-ON, 20-MINUTE AUTO-OFF.
- LIGHTING IN STORAGE ROOMS, FILE ROOMS, AND ANY NON-REGULARLY OCCUPIED SPACES SHALL BE CONTROLLED VIA DUAL-TECHNOLOGY WALL-SWITCH OCCUPANCY SENSOR. PROGRAM TO MANUAL-ON, 20-MINUTE AUTO-OFF.
- LIGHTING IN RESTROOMS SHALL BE CONTROLLED VIA PIR WALL SWITCH OCCUPANCY SENSOR SWITCH. PROVIDE DUAL-CONTACT FOR CONTROL OF EXHAUST FAN WHERE NOTED. PROGRAM TO AUTO-ON, 20-MINUTE AUTO-OFF.

JOE
ARCHITECT



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REVISIONS

#	Date	Description
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DATE: 18 Aug 2026

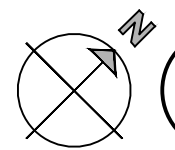
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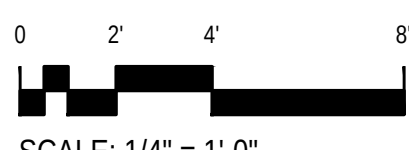
ISSUED FOR: Permit Set

LIGHTING PLAN

E2.1



1 ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"