



| ELECTRICAL KEYNOTES | |
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| KEY VALUE | KEYNOTE TEXT |

LIGHTING GENERAL NOTES

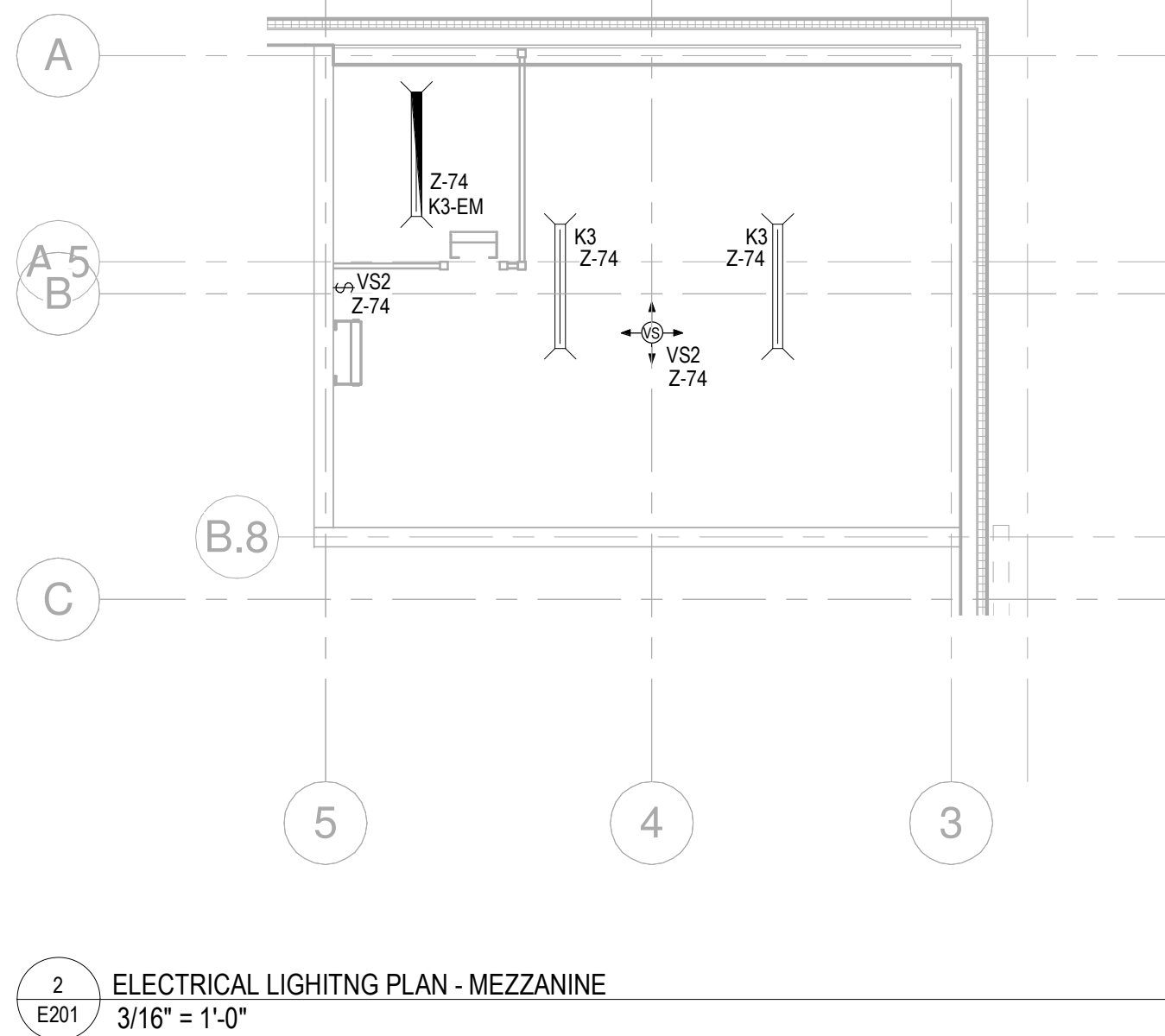
- ALL 20A BRANCH CIRCUITS SHALL USE #12AWG CONDUCTORS IN 3/4" MINIMUM. CONTRACTOR SHALL PROVIDE HOMERUNS TO ELECTRICAL PANELS AS REQUIRED. EACH CIRCUIT SHALL CONTAIN A DEDICATED NEUTRAL CONDUCTOR FOR A MAX. OF (1) NETWORK PER HOMERUN. ALL FEEDERS OR BRANCH CIRCUITS GREATER THAN 75' IN LENGTH SHALL BE INCREASED IN SIZE AS REQUIRED TO COMPENSATE FOR VOLTAGE DROP.
- LOCATE EXIT SIGNS AND DOWNLIGHTS IN THE CENTER OF CEILING TILES WHERE POSSIBLE. CIRCUIT ALL EXIT SIGNS TO PANEL LP1-35.
- REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS OF DEVICES.
- REFER TO AUTOMATIC LIGHTING CONTROL SCHEDULE FOR INFORMATION ON OCCUPANCY/VACANCY SENSORS AND DAYLIGHT SENSORS.
- BATTERY EMERGENCY LIGHTING SHALL BE CONNECTED TO THE ROOM LIGHTING CIRCUIT. AHEAD OF ANY SWITCH OR CONTROL. FOR CONTINUOUS OPERATION. EXIT SIGNS SHALL BE CONNECTED TO A DEDICATED LOCK ON CIRCUIT AND SHALL BE PROVIDED WITH A DEDICATED FEEDER AND HOMERUN.
- ALL EGRESS LIGHTS SHALL BE PROVIDED WITH DUAL LAMPS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT FIXTURE LOCATIONS FOR GENERAL LIGHTING. EXIT SIGN AND EMERGENCY LIGHTING SHALL BE BASED ON THE ENGINEERING PLANS. SUBMIT EXISTING AND EMERGENCY LIGHTING LAYOUT TO CITY OFFICIALS PER SPECIFICATIONS AND ADJUST LOCATIONS AS REQUIRED. PROVIDE PER UNIT COST IN BID FOR FUTURE EACH ADDED EXIT SIGN AND/OR BATTERY EM LIGHT.
- COORDINATE THE EXACT MOUNTING OF ALL EXIT SIGNS WITH ARCHITECT PRIOR TO ORDERING. COORDINATE LOCATIONS WITH DOOR SWINGS, SLOTTES, OBSTRUCTIONS, ETC TO AVOID CONFLICTS. PROVIDE PENDANTS AS REQUIRED. PROVIDE DUAL FACES AND DIRECTIONAL ARROWS AS REQUIRED.
- WHERE MULTIPLE SWITCHES ARE MOUNTED AT THE SAME LOCATION. ELECTRICAL CONTRACTOR SHALL PROVIDE A SINGLE COMMON FACEPLATE WHENEVER POSSIBLE. UTILIZE TAP SWITCHES TO MATCH DIMMERS WHERE APPLICABLE. REFER TO POWER PLANS FOR ANY MOTORIZED SCREEN OR EXHAUST FAN CONTROLS.
- COORDINATE INSTALLATION OF DIMMER SWITCHES WITH MANUFACTURERS REQUIREMENTS. DE-RATE GANGED SWITCHES AS REQUIRED. PROVIDE MINIMUM OF 4 1/2" VERTICAL SPACING BETWEEN DIMMER SWITCHES.
- TYPICAL-ALL NEW UNDER CABINET LIGHTING FIXTURES; COORDINATE EXACT LENGTHS AND INFED POINTS WITH MILLWORK CONTRACTOR.
- PROVIDE DEDICATED NEUTRAL TO EACH FIXTURE.
- E.C. SHALL COORDINATE EXIT SIGN AND BATTERY LIGHT INSTALLATION WITH ARCHITECTURAL FINISH PLAN. IN GENERAL BLACK FIXTURES SHALL BE PLACED IN LOCATIONS WITH DARK FINISHES.
- E.C. SHALL CONFIRM WITH LOCATION AHJ AND SPECIAL REQUIREMENTS FOR EXIT SIGNS PRIOR TO PURCHASE SUCH AS REQUIREMENTS FOR GREEN LETTERING, ETC.
- SITE MONUMENT SIGN SHALL BE CONNECTED TO LP1-36. ROUTE CIRCUIT THROUGH RELAY PANEL FOR ON/OFF CONTROL. PROVIDE 1P-20A, NEMA 3R DISCONNECT SWITCH AT SIGN. COORDINATE FINAL LOCATION OF SIGN WITH LANDLORD. REFER TO ARCHITECTURAL SITE LIGHTING PLAN FOR CURRENT LOCATION.
- ALL SITE LIGHTING FIXTURES SHALL BE CONNECTED TO LP1-54/56. ROUTE CIRCUIT THROUGH RELAY PANEL FOR ON/OFF CONTROL. ADJUST AS REQUIRED. ALL SITE LIGHTING FIXTURES SHALL BE EQUIPPED WITH ON BOARD PHOTOCELL. REFER TO ARCHITECTURAL SITE LIGHTING PLAN FOR MORE INFORMATION.

LIGHTING WITHIN FURNITURE-MILL WORK

- FURNITURE WITHIN MILLWORK, FURNITURE, UNDER CABINETS, COUNTERS, SHELVING, ETC. SHALL BE COORDINATED IN FIELD WITH ARCHITECT AND OWNER.
- PROVIDE DRIVERS/TRANSFORMERS IN A CONCEALED, ACCESSIBLE LOCATION AS REQUIRED. COORDINATE EXACT LOCATION WITH ARCHITECT.
- ROUTING OF ALL FIXTURE WIRING SHALL BE CONCEALED AND RUN IN A NEAT AND WORKMANLIKE MANNER.

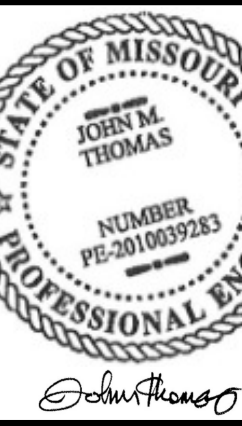
PROJECT SPECIFIC NOTES

- E.C. SHALL COORDINATE EXIT SIGN AND BATTERY LIGHT INSTALLATION WITH ARCHITECTURAL FINISH PLAN. IN GENERAL BLACK FIXTURES SHALL BE PLACED IN LOCATIONS WITH DARK FINISHES.
- E.C. SHALL CONFIRM WITH LOCATION AHJ AND SPECIAL REQUIREMENTS FOR EXIT SIGNS PRIOR TO PURCHASE SUCH AS REQUIREMENTS FOR GREEN LETTERING, ETC.
- REFER TO CONTROL DETAILS FOR MORE INFORMATION.



COORDINATED SHOP DRAWINGS SHALL BE PROVIDED BY EACH SUBCONTRACTOR AND SHALL CONTAIN A LAYOUT OF ALL DUCTWORK, CONDUIT, PIPING, EQUIPMENT, STRUCTURE, WALLS, CEILING, ETC. AS REQUIRED TO REFLECT FULL COORDINATION ACROSS ALL TRADES AND SHALL BE SUBMITTED FOR REVIEW. COORDINATED DRAWINGS SHALL BE SIGNED OFF BY ALL OTHER TRADES PRIOR TO BEING SUBMITTED FOR REVIEW. PLANS SHALL BE PREPARED AT A MINIMUM OF 1/8" SCALE OR THE SCALE OF THE DESIGN DRAWINGS, WHICHEVER IS LARGER. NO EQUIPMENT SHALL BE INSTALLED WITHOUT APPROVED SHOP DRAWINGS.

| NO. | DATE | REVISIONS |
|-----|------------|-------------------|
| 3 | 2021/09/30 | PERMIT COMMENTS |
| | 2021/08/19 | ISSUED FOR PERMIT |



Drawing Title

ELECTRICAL -
LIGHTING PLAN

Job No.

204530

Scale

As indicated

Drawn

Author

Date

08/06/2021

Sheet No.

E201