



Reviewed for Code Compliance
2015 IBC, IMC, IPC 2017 NEC 2015 IECC
Zac Loiseau I-2642
Subject to Field Inspections

- GENERAL NOTES:**
- FOR ALL HOME RUNS (FROM UNITS) 100 FT OR MORE, THE ELECTRICAL CONTRACTOR HAS TO CHECK THE VOLTAGE DROP AND SELECT THE SUITABLE CABLES SIZE TO COMPLY WITH THE MAXIMUM ALLOWED VOLTAGE DROP FOR THE FEEDER CONDUCTORS (3%). THE MAXIMUM COMBINED VOLTAGE DROP ON BOTH INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5 PERCENT.
 - CONTRACTORS TO COORDINATE WITH OWNER FOR LOW-VOLTAGE SYSTEMS (PHONE, DATA, SECURITY, CCTV, etc)
 - THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE SPRINKLER CONTRACTOR FOR THE PLACEMENTS OF THE LIGHT FIXTURES AND SPRINKLER HEADS TO COMPLY WITH THE NFPA 13 REQUIREMENTS.
 - LIGHTING FOR ALL EXTERIOR APPLICATIONS SHALL HAVE AUTOMATIC CONTROLS CAPABLE OF TURNING OFF EXTERIOR LIGHT WHEN SUFFICIENT DAYLIGHT IS AVAILABLE OR WHEN THE LIGHT IS NOT REQUIRED DURING NIGHTTIME HOURS. LIGHTING NOT DESIGNATED FOR DUSK TO DAWN OPERATION SHALL BE CONTROLLED BY AN ASTRONOMICAL TIME SWITCH. LIGHTING DESIGNATED FOR DUSK TO DAWN SHALL BE CONTROLLED BY AN ASTRONOMICAL TIME SWITCH OR PHOTOSENSOR. ASTRONOMICAL TIME SWITCHES SHALL BE CAPABLE OF RETAINING PROGRAMMING AND THE TIME SETTING DURING LOSS OF POWER FOR A PERIOD OF AT LEAST 10 HOURS.
 - THE OCCUPANCY SENSOR SWITCHES SHALL AUTOMATICALLY TURN LIGHTING ON INSTANTANEOUSLY WHEN THE ROOM /SPACE IS OCCUPIED AND AUTOMATICALLY TURN LIGHTING OFF WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THAT ROOM/SPACE.
 - VERIFY MOUNTING HEIGHT FOR ALL WALL MOUNTED FIXTURE TYPES WITH OWNER/ARCH. PRIOR INSTALLATION. FIXTURE SHALL BE MOUNTED PER ADA REQUIREMENTS.
 - THE EMERGENCY AND EXIT LIGHTS THAT CONNECT TO LOCAL AREA NORMAL LIGHTING CIRCUITS WILL BE CONNECTED AHEAD OF ANY LOCAL SWITCHES COMPLY WITH NEC 700.12(F).
 - EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGE TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST 10 FOOT-CANDELS OF EMERGENCY ILLUMINATION SHALL BE PROVIDED ON THE STAIRS AND 1 FOOT-CANDLE ON THE OTHER WALKING SURFACES PER NFPA 101 (SECTION 7.8.1.3 AND 7.9).
 - LOW LEVEL EXIT SIGNS SHALL BE PROVIDED IN ALL AREAS SERVING GUESTROOMS IN GROUP R-1 OCCUPANCIES BY SECTION 1013.1 AND SHALL COMPLY WITH SECTION 1013.5. THE BOTTOM OF THE SIGN SHALL BE NOT LESS THAN 10 INCHES (254MM) NOR MORE THAN 12 INCHES (305MM) ABOVE THE FLOOR LEVEL. THE SIGN SHALL BE FLUSH MOUNTED TO THE DOOR OR WALL. WHERE MOUNTED ON WALL, THE EDGE OF THE SIGN SHALL BE WITHIN 4 INCHES (102MM) OF THE DOOR FRAME ON THE LATCH SIDE.
 - SEE TYPICAL GUESTROOM PLAN FOR DETAILED ROOM LAYOUT ON SHEET E4.0.
 - THE CONTRACTOR SHALL VERIFY WITH THE OWNER/ FRANCHISE FOR THE QUANTITIES AND LOCATIONS OF THE LIGHTING CONTROL AND PROVIDE ALL NECESSARY ACCESSORIES TO COMPLETE THE WIRING, POWER SUPPLY FOR THE DEVICES AS PER THE MANUFACTURER SPECIFICATIONS/ INSTALLATION GUIDELINES.
 - CONTRACTOR SHALL VERIFY AND FURNISH EXIT SIGNS TO COMPLY WITH SECTION 1013 IBC REQUIREMENT.
 - SUFFICIENT EMERGENCY LIGHTING LEVELS WILL BE DETERMINED DURING THE ONSITE INSPECTION. ADDITIONAL EMERGENCY LIGHTING MAY BE REQUIRED BY FIELD INSPECTOR IF DEEMED INSUFFICIENT.

- KEYED NOTES:**
- CONNECT ALL TYPE "JL" & "EM" LIGHTS AT STAIRCASE TO L1.A-33 & L1.A-35, USING 2#10, 1/2".
 - THE FAN SHALL RUN CONTINUOUSLY AND BE KEPT UNSWITCHED FROM OCCUPANCY SENSOR/ LIGHT SWITCH.

1 LIGHTING
FOURTH FLOOR PLAN
 SCALE: 1/8"=1'-0"

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| CITY COMMENTS | I |
| HOLIDAY INN EXPRESS 850 NORTHSIDE DRIVE PILOT POINT, TEXAS 76258 | |
| LOCATION 91024 | |
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| FAST AND ACCURATE <small>JAN. 06, 2024</small> | |
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| <small>MEP GREEN DESIGN & BUILD, P.L.L.C. REGISTRATION # F-10692 915 GEMIN ST, HOUSTON, TX 77058 TEL: (281)-786-1125 FAX: (281)-282-9144 WWW.MEPGREENDESIGNS.COM</small> | |
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| <small>RSS-ARCHITECTS.COM 817/538-9258</small> | |
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| <small>Job 22020</small> | |
| <small>Sheet</small> | |
| E2.3 | |