



1  
E1 LIGHTING PLAN  
SCALE: 1/8"=1'-0" NORTH

**NOTES BY SYMBOL '⊗'**

- ROUTE CIRCUIT TO THE EMERGENCY LIGHTING INVERTER INV THROUGH THE LIGHTING CONTROL PANEL LCP.
- ROUTE CIRCUIT THROUGH LIGHTING CONTROL PANEL LCP AND THE EMERGENCY LIGHTING TRANSFER DEVICE. REFERENCE THE EMERGENCY LIGHTING TRANSFER DEVICE DETAIL FOR WIRING INFORMATION.
- ROUTE CIRCUIT THROUGH THE LIGHTING CONTROL PANEL LCP.
- PROVIDE FIXTURE WITH INTEGRAL EMERGENCY DRIVER.
- OVERRIDE SWITCH FOR EXTERIOR LIGHTING CONTROLS.
- LIGHTING CONTROL PANEL LCP

**GENERAL NOTES**

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE NATIONAL ELECTRIC CODE AS ADOPTED BY THE CITY OF MURFREESBORO, TN.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
- THE CONTRACTOR SHALL SCHEDULE AND EXECUTE ALL WORK WITH REGARD TO THE OWNER'S USE OF THE BUILDING.
- PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- PROVIDE CONDUCTORS FOR LISTED APPLICATIONS AS FOLLOWS:  
LIGHTING AND RECEPTACLE CIRCUITS: TYPE THHN/THWN, 600 VOLT, 75 DEGREE C THERMOPLASTIC INSULATED BUILDING CONDUCTOR.  
POWER CIRCUITS AND FEEDERS: TYPE THHN/THWN, 600 VOLT, 75 DEGREE C THERMOPLASTIC INSULATED BUILDING CONDUCTOR.  
LOW VOLTAGE AND LINE VOLTAGE CONDUCTORS: TYPE THHN/THWN, 600 VOLT, 75 DEGREE C THERMOPLASTIC INSULATED BUILDING CONDUCTOR.  
UNDERGROUND POWER CIRCUITS AND FEEDERS: TYPE THHN/THWN, 600 VOLT, 75 DEGREE C WET RATING AND 90 DEGREES C DRY RATED THERMOSETTING FILLED INSULATING CABLE.
- ALL WIRING SHALL BE IN CONDUIT AND SHALL BE CONCEALED.
- CONDUIT CONNECTORS AND COUPLINGS SHALL COMPRESSION TYPE. SET SCREW TYPE CONDUIT FITTINGS SHALL NOT BE ALLOWED.
- ALL POWER CIRCUITS SHALL HAVE A GROUNDING CONDUCTOR.
- ALL RECEPTACLES SHALL BE AT 18" AFF UNLESS NOTED OTHERWISE.
- DUPLEX RECEPTACLES SHALL BE HUBBELL MODEL 5352 20A, 125V, NEMA CONFIGURATION 5-20P WHITE DUPLEX RECEPTACLE WEATHERPROOF RECEPTACLES SHALL BE GFCI WIR TYPE MOUNTED IN A METAL WEATHERPROOF WHILE IN USE BOX WITH LIFT COVERPLATE.
- SWITCHES ARE AS LISTED ON THE LIGHTING CONTROL DEVICE SCHEDULE. STANDARD SWITCHES SHALL BE RATED FOR 20A, 120-277V, WHITE IN COLOR AND SHALL BE AS FOLLOWS:  
SINGLE POLE HUBBELL 1221-WH  
THREE WAY HUBBELL 1223-WH  
ALL DEVICES AND COVER PLATES SHALL BE WHITE PLASTIC.
- RECESSED FLOOR BOXES SHALL BE LEGRAND RFB2-06/PPB1C CONCEALED SERVICE FLOOR BOX WITH CARPET PLATE. AND DEVICE FACEPLATES AS REQUIRED FOR DEVICES TO BE INSTALLED AS SHOWN ON PLANS. EQUIVALENT FLOOR BOXES BY HUBBELL.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT, WIRE, BOXES, ETC. FOR THE INSTALLATION OF THERMOSTATS. INSTALLATION AND CONNECTION OF THERMOSTATS SHALL BE BY THE HVAC CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL PROVIDE A TYPED CIRCUIT DIRECTORY FOR ALL PANELS. DIRECTORY INFORMATION SHALL INCLUDE CIRCUIT NUMBER AND EQUIPMENT SERVED.
- ELECTRICAL CONTRACTOR SHALL PROVIDE DUCT SMOKE DETECTORS FOR ALL HVAC UNITS GREATER THAN 2,000 CFM SUPPLY. DUCT DETECTORS SHALL BE EQUAL TO NOTIFIER #DH400ADCDC WITH SAMPLING TUBE IN LENGTH PROPER FOR DUCT SIZE. RTS-45KEY REMOTE KEYED TEST STATION, AND APA-451 REMOTE ANNUNCIATOR ALARM LED.
- CONTRACTOR SHALL CONTACT THE LOCAL ELECTRICAL UTILITY COMPANY AND ARRANGE FOR ELECTRIC SERVICE AS INDICATED ON DRAWINGS. INCLUDE ALL COSTS, CHARGES, FEES, ETC. INCURRED BY UTILITY COMPANY INTO BID. PROVIDE ALL MATERIALS AS REQUIRED BY LOCAL AUTHORITIES FOR ELECTRIC SERVICE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITIES.

**BRANCH CIRCUIT & FEEDER SCHEDULE.**

①	3-#6, 1-#10 GROUND IN 1" CONDUIT.
②	3-#6, 1-#10 GROUND IN 3/4" CONDUIT.

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RELATED DOCUMENTS: This Drawing is a single component of an integrated set of Construction Documents. General and Supplementary Conditions of the Contract, Owners Requirements, Specifications and other Drawings may affect the Work described. Failure to review and approve the design intent of the whole of the Construction Documents does not relieve the Contractor from providing a complete Project.

COMPLY WITH all laws, codes, ordinances and regulations with authorities having jurisdiction and with requirements of the Landlord, if applicable. Do not start Work until all permits and required approvals are obtained.

VERIFY ALL ACTUAL CONDITIONS and dimensions prior to construction. Commencement of work constitutes verification and acceptance of all existing conditions. Application of a material or equipment item to Work installed by others constitutes acceptance of that Work, and assumption of responsibility for satisfactory installation.

MEASUREMENTS SHOWN are in finish face of a material unless otherwise indicated. OBTAIN & RESOLVE dimensions - IN NET SIZE. Shrink values otherwise stated.

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