

GENERAL ELECTRICAL NOTES

- 1. BRANCH CIRCUIT WIRING FOR 20A/120V CIRCUITS LESS THAN 100' FROM PANEL TO FARTHEST DEVICE SHALL BE 2-#12s, #12 GND IN 3/4" C. AND 2-#10s, #10 GND IN 3/4" C. FOR CIRCUITS GREATER THAN 100' UNLESS NOTED OTHERWISE...

GENERAL POWER NOTES

- 1. SEE THE ONE-LINE AND ELECTRICAL SITE PLAN FOR UTILITY SERVICE INFORMATION. COORDINATE WITH THE UTILITY COMPANY TO PROVIDE SERVICE METER. METER SHALL BE LOCATED ON THE EXTERIOR OF THE BUILDING...

GENERAL LIGHTING NOTES

- 1. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE EXACT LOCATION OF ALL CEILING MOUNTED LIGHTING FIXTURES. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING DETAILS OF LIGHT FIXTURE TO ACOUSTICAL CEILING SYSTEM AND STRUCTURE...

GENERAL SIGNAL NOTES

- 1. PROVIDE CONDUIT FOR HVAC CONTROL CIRCUITS AS REQUIRED TO INTERCONNECT HVAC UNIT TO CONTROL CIRCUITS. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR AND CONTROLS PROVIDER TO DETERMINE SCOPE OF CONDUITS REQUIRED FOR HVAC CONTROLS...

Table with 2 columns: CODE, DESCRIPTION. Lists electrical codes and standards such as IBC (2015), IEC (2009), etc.

LIGHTING SYMBOL LEGEND

Table with 4 columns: SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION. Lists lighting symbols like light fixture, light switch, wall-mounted light fixture, etc.

POWER AND TELECOMMUNICATIONS SYMBOL LEGEND

Table with 4 columns: SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION. Lists power and telecom symbols like simplex receptacle, communication outlet, television connection location, etc.

EQUIPMENT AND SIGNAL SYMBOL LEGEND

Table with 4 columns: SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION. Lists equipment and signal symbols like thermostat, fire alarm pull station, smoke detector, etc.

ELECTRICAL ABBREVIATIONS

Table with 2 columns: ABBR, DESCRIPTION. Lists abbreviations for electrical components like AHU, cd, CLG, FACP, etc.

SEISMIC REQUIREMENTS FOR ELECTRICAL SYSTEMS PER IBC-2015/ASCE 7-10

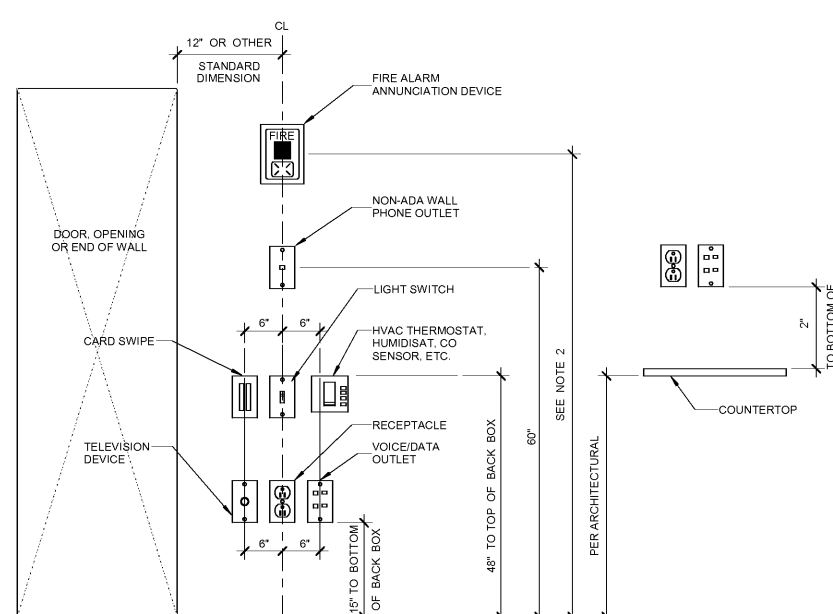
- A. EQUIPMENT, APPLIANCES AND SUPPORTS (INCLUDING ROOF CURBS AND ROOF RAILS) EXPOSED TO WIND SHALL BE DESIGNED AND INSTALLED TO RESIST THE WIND PRESSURES DETERMINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE...

ELECTRICAL COMPONENT IMPORTANCE FACTOR (I_p) DESIGNATION

Table defining Ip values for different equipment types: Ip = 1.0 for most, Ip = 1.5 for seismic design categories D, E, F.

Table with 5 columns: COMPONENT IDENTIFICATION, SEISMIC RESTRAINT REQUIREMENT, NOTES, SEISMIC RESTRAINT REQUIREMENT, NOTES. Lists various components like roof mounted, floor mounted, wall mounted, etc.

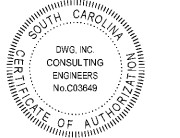
- NOTES: 1. EQUIPMENT 20 LBS. OR LESS IS EXEMPT IF FLEXIBLE CONNECTIONS ARE PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING AND CONDUIT...



- NOTE 1: DEVICES SHOWN WITHIN 48\"/>



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Revision Date Description

Table for revision tracking with columns for Revision Date and Description.

Town of James Island James Island Town Hall 1122/1126 Dills Bluff Road Charleston, SC.

Project Number: 15169-00 Checked By: DAW Drawn By: MCG Date: 04/03/17 Scale: NOT TO SCALE

E001 ELECTRICAL NOTES & LEGEND

Order Plans @