

ELECTRICAL NOTES

- DO NOT SCALE THE ELECTRICAL DRAWINGS REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE NFPA-70 (2008), THE LIFE SAFETY CODE NFPA-101 (2006), THE NATIONAL FIRE ALARM CODE NFPA-72 (2002), AND THE FLORIDA BUILDING CODE FBC 2007 WITH 2009 SUPPLEMENTS.
- MINIMUM WIRE SIZE SHALL BE #12 AWG, EXCLUDING CONTROL WIRING, UNLESS OTHERWISE NOTED. ALL CONDUCTORS SHALL BE COPPER WITH THHN INSULATION.
- OUTLET BOXES SHALL BE SHEET STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES AS REQUIRED FOR OTHER CLASSIFIED AREAS.
- DISCONNECT SWITCHES SHALL BE HP, RATED, HEAVY DUTY, QUICK-MAKE, QUICK-BREAK ENCLOSURES AS REQUIRED BY EXPOSURE.
- MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC, WITH OVERLOAD RELAYS IN EACH HOT LEG.
- IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL NECESSARY DETAILS AND NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE LATEST EDITION OF THE NEC.
- ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A MANNER THAT ASSURES COMPLETED SYSTEM SHALL BE FULLY OPERATIVE, AND ACCEPTED BY ENGINEER/ARCHITECT.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
- CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
- ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK. CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS, AND TESTING.
- THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES.
- FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR AIR CONDITIONING SYSTEM AS PER MANUFACTURERS RECOMMENDATIONS. CONTROLS ARE TO BE SUPPLIED BY AIR CONDITIONING CONTRACTOR AND CONNECTED BY ELECTRICAL CONTRACTOR.
- ALL RACEWAYS UNDERGROUND SHALL BE A MINIMUM OF 3/4" CONDUIT.
- ALL CIRCUIT BREAKERS, TWO AND THREE POLE, TO BE COMMON TRIP, NO TIE HANDLES, OR TANDEMS WILL BE ACCEPTED.
- ALL FUSES, UNLESS NOTED ON DRAWING, SHALL BE CURRENT LIMITING (C.L.) RATED FOR 200,000 A.I.C.
- ALL ELECTRICAL EQUIPMENT, DEVICES, WIRE, ETC., SHALL BE LISTED, FOR THE INTENDED USE, WITH UNDERWRITERS' LABORATORIES, INC. (UL), WHERE STANDARDS HAVE BEEN ESTABLISHED BY UL.
- THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN, ON SITE, A DETAILED AS-BUILT PLAN SHOWING ACTUAL INSTALLATIONS. THE CONTRACTOR IS TO PROVIDE A COPY OF THIS AS-BUILT PLAN TO THE OWNER AT THE END OF CONSTRUCTION, WHICH ARE SUITABLE FOR SUBMISSION TO THE BUILDING DEPARTMENT AND THE OWNER.
- ALL WIRING IS TO BE IN CONDUIT, EXCEPT METAL CLAD CABLES (MCC) MAY BE USED FOR BRANCH CIRCUIT WIRING.

ELECTRICAL LEGEND

- LIGHTING FIXTURE IDENTIFICATION
- ⊠ RECTANGULAR LIGHTING FIXTURE - AS NOTED
- ▭ RECTANGULAR LIGHTING FIXTURE - EXISTING AS NOTED
- ROUND LIGHTING FIXTURE
- DIRECTIONAL LIGHTING FIXTURE
- WALL MOUNTED LIGHTING FIXTURE
- LINEAR STRIP LIGHTING FIXTURE
- ⬢ EXIT LIGHT WITH EMERGENCY BATTERY BACKUP
- ⬢ EMERGENCY LIGHTING FIXTURE WITH BATTERY BACKUP
- ⬢ RECTANGULAR LIGHTING FIXTURE WITH EMERGENCY BATTERY BACKUP
- ROUND LIGHTING FIXTURE WITH EMERGENCY BATTERY BACKUP
- DUPLEX RECEPT - 20 AMP (18' A.F.F.)
- SINGLE RECEPT - 20 AMP (18' A.F.F.)
- DUPLEX RECEPT MOUNTED ABOVE COUNTER - 20 AMP (42' A.F.F.)
- SPECIAL PURPOSE RECEPT (18' A.F.F. - MATCH EQUIPMENT PROVIDED)
- QUAD-PLEX RECEPT - 20 AMP (18' A.F.F.)
- SINGLE POLE TOGGLE SWITCH, 48' AFF
- 3-WAY TOGGLE SWITCH, 48' AFF
- SLIDE TYPE DIMMER SWITCH, VARIAGE AS REQUIRED, 48' AFF
- JUNCTION BOXES
- FUSIBLE DISCONNECT (SWITCH POLES, AMPS/FUSES AS SHOWN)
- ⚡ MOTOR RATED SWITCH (WITH OVERLOADS)
- ⚡ ELECTRICAL PANELBOARD
- MOTOR LOAD
- ⤵ CIRCUIT HOME RUN TO PANELBOARD OR OTHER DEVICE AS INDICATED
- ⤵ CONDUIT CONCEALED
- ⤵ CIRCUIT AS NOTED
- ⤵ CAPPED CONDUIT
- ⓧ TELEVISION OUTLET (18' A.F.F.)
- ⓧ TELEPHONE/DATA OUTLET (18' A.F.F.)
- ⓧ TEL/DATA OUTLET FLUSH FLOOR MOUNTED
- ⓧ EXISTING DUPLEX RECEPTACLE TO REMAIN.
- ⓧ EXISTING TELEPHONE/DATA OUTLET TO REMAIN
- ⓧ EXISTING DEVICE TO REMAIN, UNLESS NOTED OTHERWISE
- ⓧ EXISTING DEVICE TO BE RELOCATED
- ⓧ EXISTING DEVICE IN NEW LOCATION
- ⓧ OCCUPANCY SENSOR WITH MANUAL SWITCH, HUBBELL LHM7S1, 48' AFF
- ⓧ OCCUPANCY SENSOR, CEILING MOUNT, HUBBELL DMN1-DT-2000

FIRE ALARM LEGEND

- ⓧ MANUAL PULL STATION 48" AFF
- ⓧ WALL MOUNT HORN/STROBE 80" AFF TO BOTTOM
- ⓧ ADA COMPLIANT STROBE LIGHT 80" AFF TO BOTTOM

NEW FIRE ALARM DEVICES ARE TO BE COMPATIBLE WITH EXISTING SYSTEM. PROVIDE ADDITIONAL POWER SUPPLIES AS REQUIRED. PROVIDE ADDITIONAL HORNS AND STROBES AS REQUIRED TO MEET AUDIBLE AND VISIBLE REQUIREMENTS OF NFPA 72, ADA, AND NFPA 101. VERIFY EXISTING POINT OF CONNECTION TO EXISTING SYSTEM.

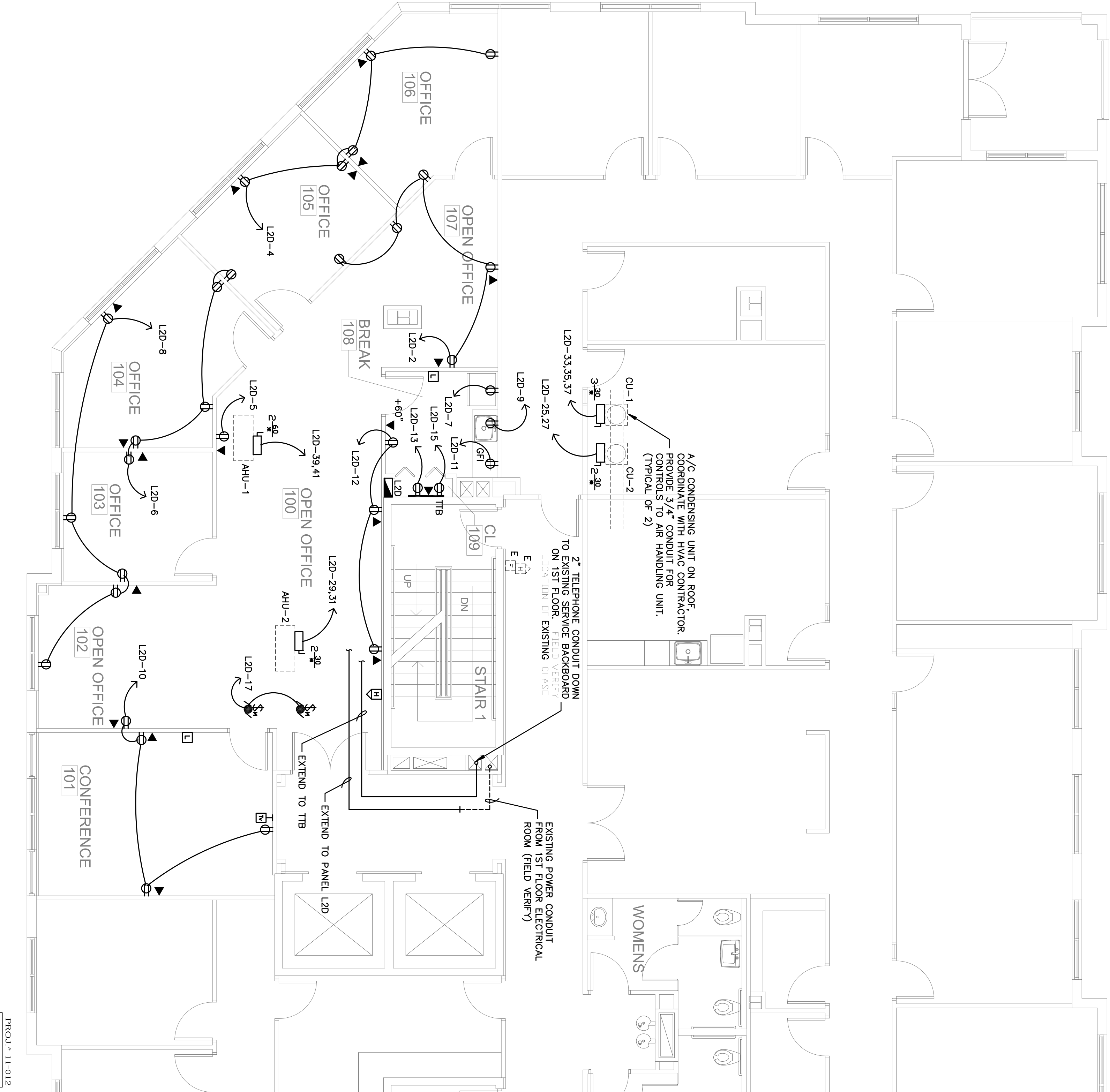
AUDIBLE ALARMS SHALL HAVE A MINIMUM LEVEL OF 15 DBA IN EXCESS OF THE AMBIENT SOUND LEVELS MEASURED IN THE ROOM AND OTHERWISE BE IN ACCORDANCE WITH FBC 11-4.28.2.

VISUAL ALARMS SHALL HAVE A MINIMUM LEVEL OF 7.5 CANDELA AND SHALL OTHERWISE BE IN ACCORDANCE WITH FBC 11-4.28.3.

PROVIDE A RE-CERTIFICATION OF THE FIRE ALARM SYSTEM UPON COMPLETION OF WORK.

(PROPOSED) FLOOR PLAN - ELECTRICAL

3/16" = 1'-0"



SPEC SUITE #210

GARDENS POINTE
3507 KYOTO GARDENS DR
PALM BEACH GARDENS, FL 33410

PROJECT NUMBER GP11

REVISIONS

- 1
- 2
- 3
- 4
- 5

ON THE DATE OF THE REVISIONS, THE REVISIONS SHALL BE MADE TO THE DRAWING BY THE DESIGNER. THE REVISIONS SHALL BE MADE TO THE DRAWING BY THE DESIGNER. THE REVISIONS SHALL BE MADE TO THE DRAWING BY THE DESIGNER.

DRAWN BY DR

CD

05/05/11

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