

### GENERAL ELECTRICAL NOTES

- DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNERS REPRESENTATIVE.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE (NECA-70 (2008), THE LIFE SAFETY CODE NFPA-101 (2006), THE NATIONAL FIRE ALARM CODE (NFPA-72 (2007), AND THE FLORIDA BUILDING CODE (FBC 2007) WITH 2009 SUPPLEMENTS.
- MINIMUM WIRE SIZE SHALL BE #12 AWG, EXCLUDING CONTROL WIRING. INSULATION SHALL BE 60°C (140°F) THERMOPLASTIC COPPER.
- OUTLET BRACES SHALL BE SHEET STEEL. IN DRY LOCATIONS, CAST ALLOY WIRE TUBES AND HUBS IN WET OR USE LOCATIONS AND SPECIAL ENCLOSURES AS REQUIRED FOR OTHER CLASSIFIED AREAS.
- MISCONNECT SWITCHES SHALL BE 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 THE ELECTRICAL SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DETAILS REQUIRED FOR COMPLETE AND OPERATIONAL SYSTEM, AND 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 N.E.C.
- ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR AND SHALL BE FULLY OPERABLE AND ACCEPTED BY ENGINEER/ARCHITECT.
- ALL WORK SHALL BE COMPARTMENTED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE OF DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
- CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE. CONTRACTOR SHALL INCLUDE REPAIRS IN REPAIR OF ANY OTHER TRADES 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 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 NEATLY DRAWN COMPREHENSIVE AS-BUILT SET OF PLANS UPON COMPLETION AND BE AVAILABLE FOR SUBMISSION TO THE BUILDING DEPARTMENT AND THE OWNER.
- ALL WIRING IS TO BE IN CONDUIT. CABLES ARE NOT ACCEPTABLE UNLESS APPROVED PRIOR TO BID BY THE LANDLORD.

ALL OCCUPANCY SENSORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. PROVIDE POWER PACKS, RELAYS, AND ANY OTHER ACCESSORIES AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM AS SHOWN, INCLUDING CONTROL OF MULTIPLE CIRCUITS AND 120 OR 277 VOLT SYSTEMS WHERE INDICATED.

OCCUPANCY SENSORS SHALL TURN OFF THE SPACE LIGHTING WITHIN 30 MINUTES OF AN OCCUPANT LEAVING THE SPACE, IN ACCORDANCE WITH FBC 13-415.1(8)(C), 11.

THE CONTRACTOR IS RESPONSIBLE TO SET ALL OCCUPANCY SENSORS TO THE MAXIMUM ALLOWABLE DURATION.

### OCCUPANCY SENSOR LEGEND (HUBBELL)

- LHM71 WALL BOX
- ① OMN-US1000
- ② OMN-US2000
- ③ OMN-DT500
- ④ OMN-D2000

### LIGHTING FIXTURE SCHEDULE

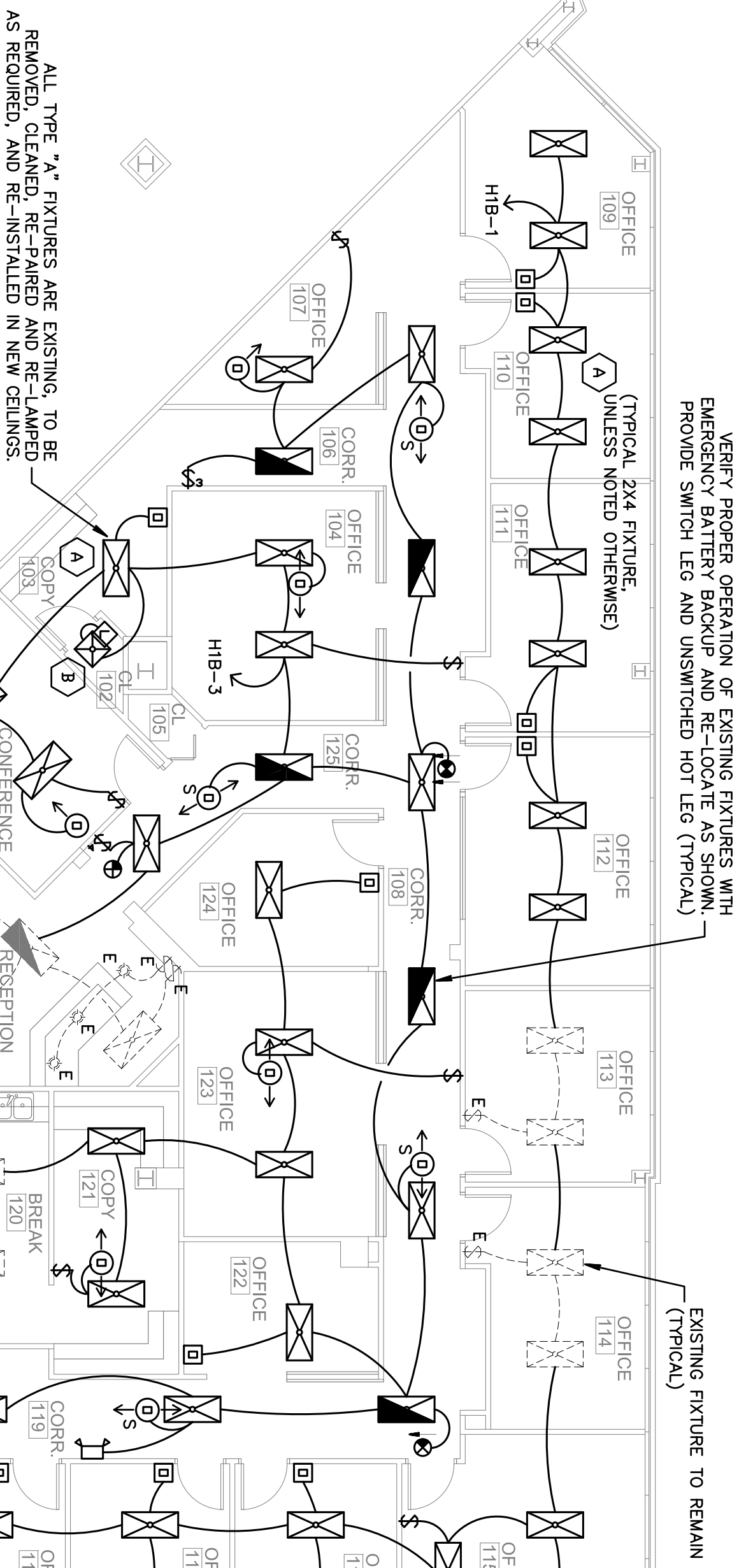
| MARK | TYPE               | MOUNT    | LAMP           | VOLT | MANUFACTURER | CATALOG                    | NOTES            |
|------|--------------------|----------|----------------|------|--------------|----------------------------|------------------|
| A    | PARABOLIC TROFFER  | RECESSED | G37/032 T8/35K | 277  | EXISTING     | --                         | 98 WATTS MAXIMUM |
| B    | PARABOLIC TROFFER  | RECESSED | G27/352 T8/35K | 277  | COLUMBIA     | P4D2-232U6G-MA33-S-EPU-GLR | 62 WATTS MAXIMUM |
| ①    | EXIT LIGHT         | SURFACE  | BY MFG.        | NV   | DUAL LITE    | LURWE                      | (1) ②            |
| ②    | EMERGENCY LIGHTING | SURFACE  | BY MFG.        | NV   | DUAL LITE    | L22                        | (2)              |

- PROVIDE SINGLE OR DUAL FACE WALL OR CEILING MOUNT, AS SHOWN ON PLANS.
- CONNECT TROFFERS TO UNSWITCHED HOT LEG OF LOCAL EMERGENCY LIGHTING CIRCUIT.
- CONNECT FIXTURES TO UNSWITCHED HOT LEG OF LOCAL LIGHTING CIRCUIT.

### LIGHTING POWER COMPLIANCE

(PER TABLE 13-415.2.B, FBC CHAPTER 13)

| SPACE TYPE            | TOTAL AREA (SQ.FT.) | ALLOWANCE PER SQ.FT. | SUB-TOTAL ALLOWANCE | DESIGN |
|-----------------------|---------------------|----------------------|---------------------|--------|
| OFFICE AREAS          | 3,122               | 1.1                  | 3,434               | 3,098  |
| CONFERENCE MULT-PURP. | 208                 | 1.3                  | 270                 | 184    |
| CORRIDOR              | 487                 | 0.5                  | 244                 | 644    |
| TOTALS                |                     |                      | 3,948               | 3,926  |



### PROPOSED LIGHTING FLOOR PLAN

SCALE: 1/8" = 1'-0"

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PROJ. # 11-0381

### REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1   |      |             |
| 2   |      |             |
| 3   |      |             |
| 4   |      |             |
| 5   |      |             |

DRAWN BY GD

CD

12/8/11

### QUINTAROS PRIETO

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PROJECT NUMBER 147508

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