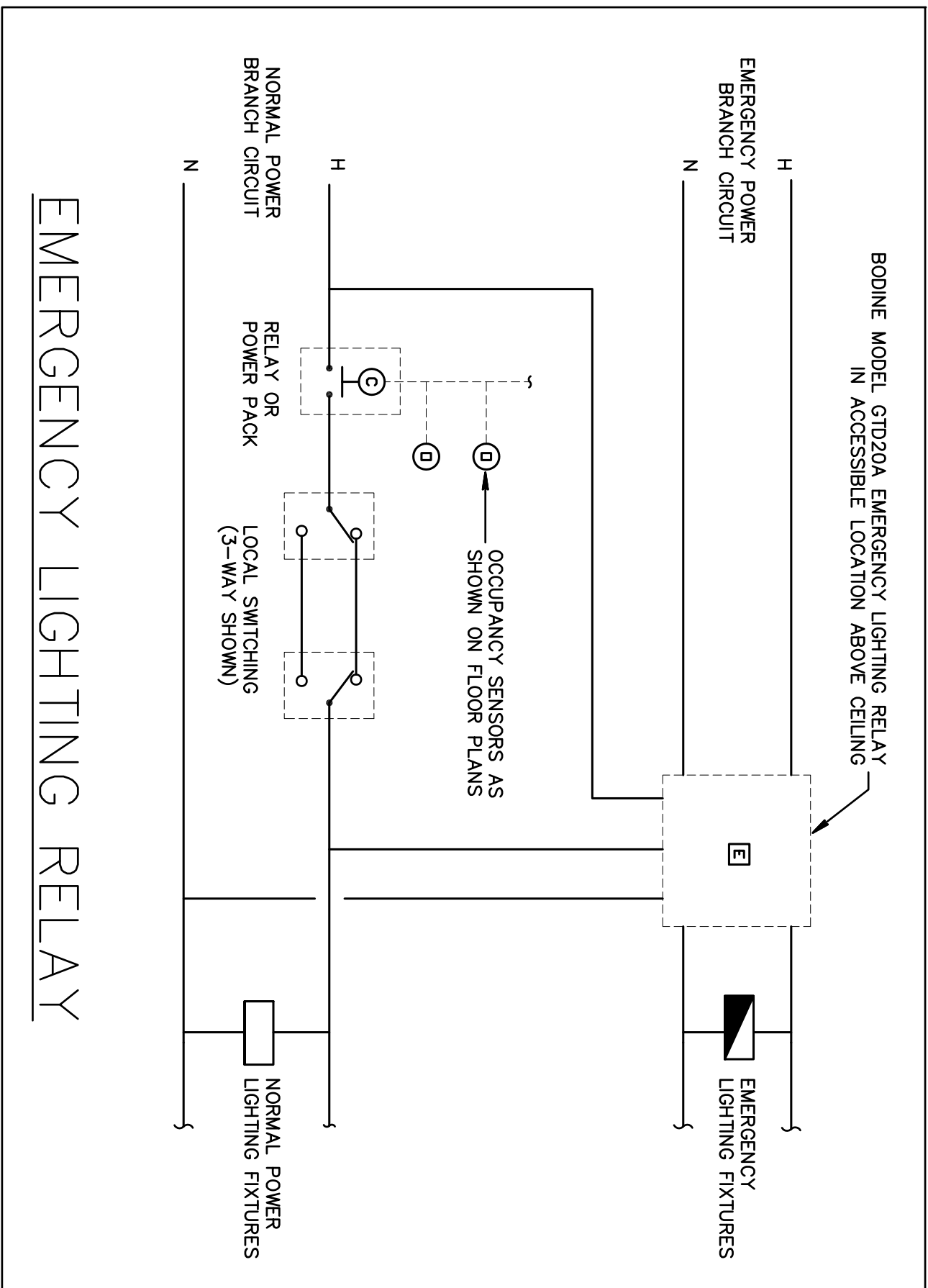


GENERAL ELECTRICAL NOTES

1. DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE NFPA-70 (2008), THE LIFE SAFETY CODE NFPA-101 (2009), THE ELECTRICAL SAFETY CODE NFPA-70E (2002), AND THE FLORIDA BUILDING CODE (FBC 2010).
3. MINIMUM WIRE SIZE SHALL BE #12 AWG, EXCLUDING CONTROL WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL CONDUIT WITH THIN INSULATED DOWNS SHALL BE SHEET STEEL, IN DRY LOCATIONS, CAST ALLOY WITH THREADED WELLS IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES AS REQUIRED FOR OTHER CLASSIFIED AREAS.
5. DISCONNECT SWITCHES SHALL BE HIP RATED HEAVY DUTY, QUICK-MAKE, QUICK-BREAK, WITH ENCLOSURES AS REQUIRED BY EXPOSURE.
6. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC, WITH OVERLOAD RELAYS IN EACH HOT LEG.
7. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THE ELECTRICAL SYSTEM, AND FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
8. ELECTRICAL SYSTEM SHALL BE COMPLETE, AND EFFECTIVELY GROUNDED AS REQUIRED BY THE LATEST EDITION OF THE N.E.C.
9. ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
10. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERABLE, AND ACCEPTED BY ENGINEER/ARCHITECT.
11. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
12. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
13. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASIS OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
14. ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
15. CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS, AND TESTING.
16. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES.
17. FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR AIR CONDITIONING SYSTEM AS PER MANUFACTURERS' RECOMMENDATIONS. CONTROL WIRING SHALL BE SUPPLIED BY AIR CONDITIONING CONTRACTOR AND CONNECTED BY ELECTRICAL CONTRACTOR.
18. ALL RACEWAYS UNDERGROUND SHALL BE A MINIMUM OF 3/4" CONDUIT.
19. ALL CIRCUIT BREAKERS, TWO AND THREE POLE, TO BE COMMON TRIP, NO TIE HANDLES, OR TRIPBARS WILL BE ACCEPTED.
20. ALL FUSES, UNLESS NOTED ON DRAWING, SHALL BE CURRENT LIMITING (C.L.), RATED FOR 200,000 AIC.
21. 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.
22. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN, ON SITE, A DETAILED AS-BUILT PLAN SHOWING ACTUAL INSTALLATIONS. THE CONTRACTOR IS TO COMPLY WITH ALL CITY, COUNTY AND STATE REQUIREMENTS FOR THE BUILDING DEPARTMENT AND THE OWNER.
23. METAL CLAD TWO-CALES MAY BE USED FOR 30 AMP AND SMALLER BRANCH CIRCUITS ONLY, EXCLUDING OVERHEADS. ALL OTHER CIRCUITS AND ALL OVERHEADS ARE TO BE IN CONDUIT.






LIGHTING FIXTURE SCHEDULE

LIGHTING FIXTURE SCHEDULE							
MARK	TYPE	MOUNT	LAMP	VOLT	MANUFACTURER	CATALOG	NOTES
A	PARABOLIC TRIGGER	RECESSED	(3)F032 18-/35K	277	COLUMBIA	P4ID2-332C-MA36-S-3EP1-GLR	92 WATTS
A2	INDIRECT TRIGGER	RECESSED	(3)F032 18-/35K	1V	DAY-BRITE	2PF6-332C-PWV-UNV-1/3-EB10R-GLR	92 WATTS
B	PARABOLIC TRIGGER	RECESSED	(2)F032 18-/35K	M.V.	COLUMBIA	P4ID2-232C-MA48-S-EP1-GLR	62 WATTS
B2	INDIRECT TRIGGER	RECESSED	(2)F032 18-/35K	M.V.	DAY-BRITE	2PF6-232C-PWV-UNV-1/2-EB10R-GLR	62 WATTS
C	INCANDESCENT WALL SCONCE	SURFACE	60W/419 (V.V.E.R.F.Y)	120	EXISTING	-	60 WATTS
⊗	EXIT LIGHT	SURFACE	BY MFG.	M.V.	DUAL LTTE	LX19V	①
⚡	EMERGENCY LIGHTING	SURFACE	BY MFG.	M.V.	DUAL LTTE	LZ2	②

- ① PROVIDE SINCE OR DUAL FACE, WALL OR CEILING MOUNT, AS SHOWN ON PLANS. CONNECT FIXTURES TO UNSWITCHED HOT LEG OF LOCAL EMERGENCY LIGHTING CIRCUIT.
- ② PROVIDE BATTERY/INVERTER BACKUP FOR 90 MINUTES IN ACCORDANCE WITH NFPA REQUIREMENTS. CONNECT FIXTURES TO UNSWITCHED HOT LEG OF LOCAL LIGHTING CIRCUIT.
- ③ EXISTING FIXTURE TO BE CLEANED AND RE-INSTALLED AS SHOWN. VERIFY QUANTITY OF EXISTING FIXTURES WITH LANDLORD PRIOR TO BID.
- ④ PROVIDE ALTERNATE BID PRICE TO PROVIDE AND INSTALL TYPES 'A2' OR 'B2' IN PLACE OF TYPE 'A1' AND 'B1'.

OCCUPANCY SENSOR LEGEND (HUBBELL)

-  LHMTS1 WALL BOX
 OMNI-DT500
 OMNI-D2000

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

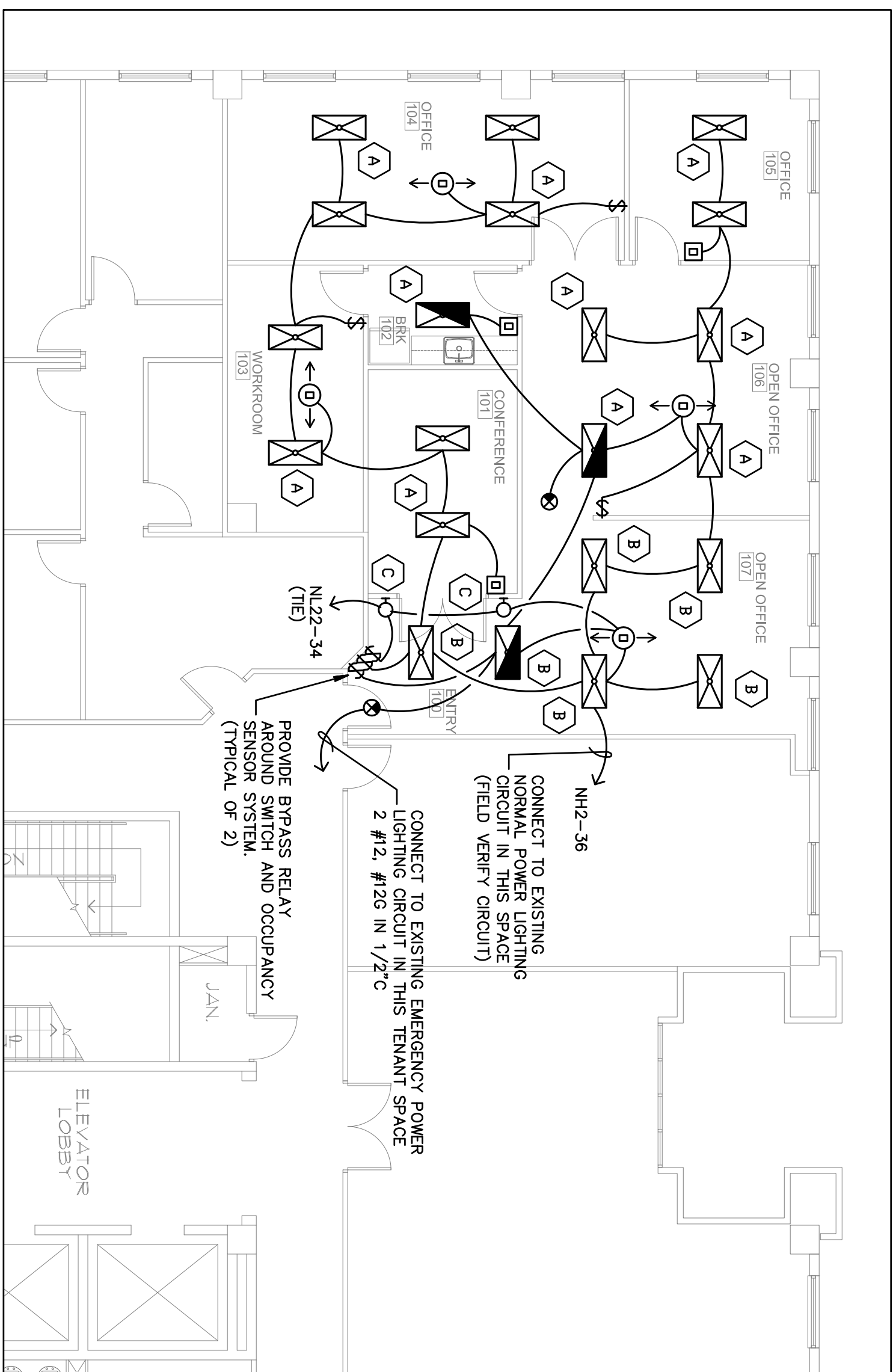
ALL LIGHTING FIXTURES IN EACH ROOM ARE TO BE CONTROLLED BY ALL OCCUPANCY SENSORS IN THE ROOM UNLESS SPECIFICALLY INDICATED OTHERWISE.

THE CONTRACTOR IS TO SET ALL OCCUPANCY SENSORS TO THE MAXIMUM ALLOWABLE "ON" TIME.

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	1,238	1.1	1,362	1,260
CONFERENCE MULTI-PURP.	348	1.3	452	368
RECEPTION	112	1.3	146	304
TOTALS	1,698		1,960	1,932

LIGHTING POWER COMPLIANCE

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



LIGHTING FLOOR PLAN

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

COURT CASUAL

FOUNTAIN SQUARE
2600 N MILITARY TRAIL #205
BOCA RATON, FL

PROJECT NUMBER 260015

VISIONS

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DRAWN BY DR

2-4-13

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