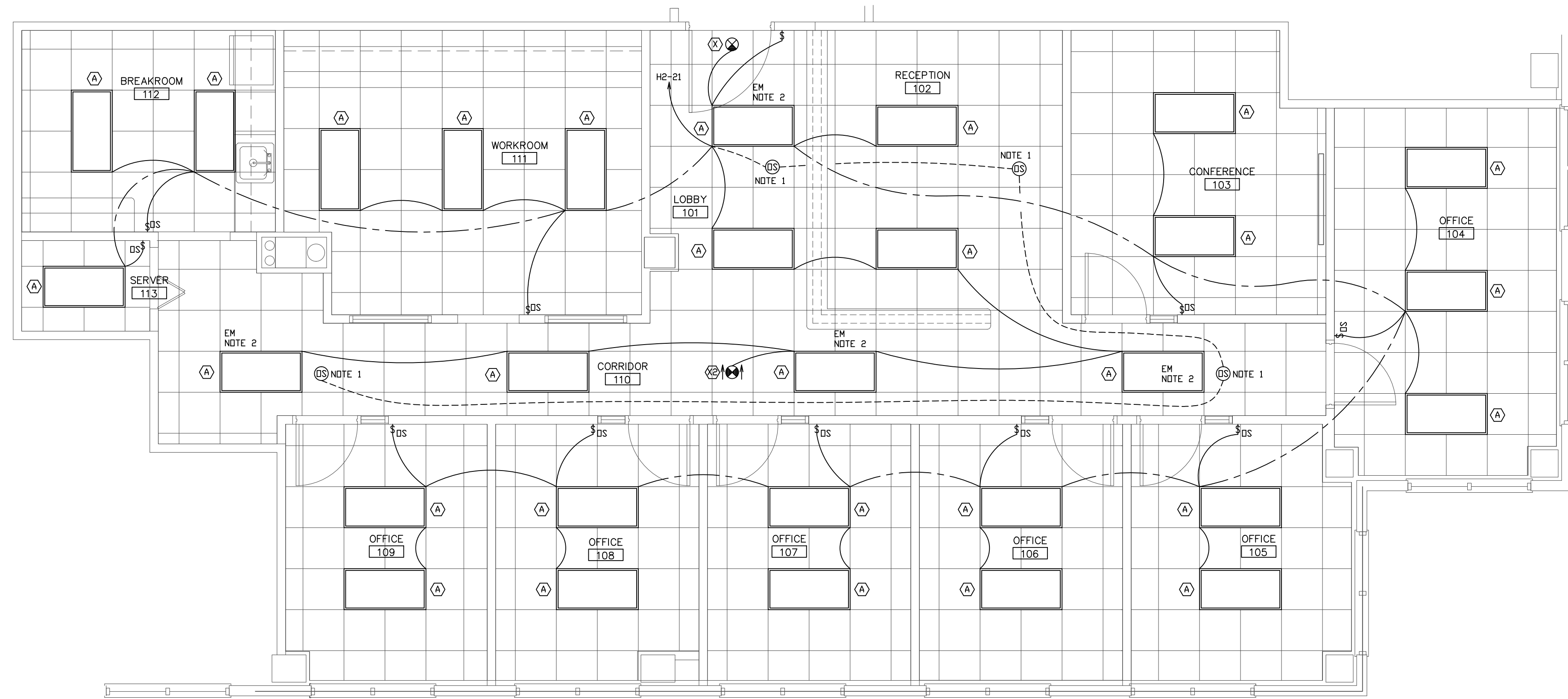


ELECTRICAL NOTES:

- 1.ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED.CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND APPLICABLE SPECIFICATIONS.IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT,CONTRACTOR SHALL NOTIFY THE OWNER OR HIS REPRESENTATIVE AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL OWNER HAS DIRECTED CORRECTIVE ACTION TO BE TAKEN.
- 2.ELECTRICAL CONTRACTOR SHALL VISIT JOB SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL AND TELEPHONE INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF.
- 3.ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE THE NATIONAL ELECTRIC CODE AND THE FLORIDA BUILDING CODE AS MODIFIED BY THE PALM BEACH COUNTY AMENDMENTS.
- 4.DO NOT SCALE THE ELECTRICAL DRAWINGS.REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNERS REPRESENTATIVE.
- 5.MINIMUM WIRE SIZE SHALL BE #12 A.W.G. EXCLUDING CONTROL WIRING. UNLESS OTHERWISE NOTED, ALL CONDUCTORS SHALL BE COPPER WITH THHN INSULATION.
- 6.OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- 7.CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FROM A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
- 8.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 THERE BY.
- 9.ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- 10.CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT.
- 11.THE ELECTRICAL INSTALLATION SHALL MEET ALL REQUIREMENTS OF POWER AND TELEPHONE COMPANIES.
- 12.CONTRACTOR SHALL COORDINATE WITH MECHANICAL DRAWINGS AND PROVIDE ALL NECESSARY CONTROL WIRING.
- 13.ALL CIRCUIT BREAKERS FEEDING MECHANICAL EQUIPMENT SHALL BE HACR TYPE CIRCUIT BREAKERS OR FUSED SWITCHES AS INDICATED.
- 14.PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES, DEVICES FOR ALL OUTLETS AS INDICATED.
- 15.CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED OF HIS WORK.
- 16.ELECTRICAL CONTRACTOR SHALL LABEL EXTERIOR OF ALL PANELS AND PROVIDE COMPLETE TYPEWRITTEN DIRECTORIES.
- 17.ALL ELECTRICAL AND TELEPHONE/DATA OUTLETS TO BE AT 18" AFF UNLESS NOTED OTHERWISE, VERTICALLY MOUNTED.
- 18.ALL LIGHT SWITCHES TO BE AT 42" AFF.
- 19.LAY IN LIGHT FIXTURES TO BE SUPPORTED AT ALL FOUR CORNERS AND SECURED TO STRUCTURE ABOVE.
- 20.ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL ELECTRICAL WIRING FOR HVAC SYSTEM INCLUDING CONTROLS, THERMOSTATS, POWER, ETC. SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- 21.PANELBOARDS: ALL CURRENT CARRYING BUSES SHALL BE COPPER. ALL GROUND BUS BARS SHALL BE COPPER. PANELBOARD ENCLOSURES SHALL BE FURNISHED WITHOUT PRE-PUNCHED CONCENTRIC HOLES.AIC RATINGS SHALL BE AS INDICATED ON PANELBOARD SCHEDULES
- 22.DISCONNECT SWITCHES SHALL BE H.P. RATED,HEAVY DUTY, ENCLOSURES AS REQUIRED BY EXPOSURE.
- 23.CONTRACTOR SHALL CONFIRM WITH FPL ANY AND ALL REQUIREMENTS SUCH AS: LUG SIZE RESTRICTIONS, CONDUIT ENTRY, TRANSFORMER SIZE, SCHEDULED DOWN TIME FOR OWNERS CONFIRMATION, ETC. ANY CONFLICTS SHALL BE BROUGHT TO ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK.
- 24.ALL SERVICE CONDUIT AND ALL EXPOSED EXTERIOR CONDUITS SHALL BE RIGID METAL. INTERIOR LIGHTING AND RECEPTACLE CONDUIT MAY BE EMT.



LIGHTING PLAN

1/4" = 1'-0"

SPECIFIC NOTES- LIGHTING PLAN

1. THE NOTED CEILING OCCUPANCY SENSOR IS AN RAB #LDS2500/277. THE OCCUPANCY SENSOR HAS A BUILT IN POWER PACK & CAN BE WIRED IN PARALLEL WITH MULTIPLE SENSORS. CONTACT RAB TECH SUPPORT FOR WIRING DETAILS.
2. THE NOTED FLUORESCENT FIXTURE SHALL BE PROVIDED WITH A 1100 LUMEN MINIMUM EMERGENCY BALLAST TO LIGHT ONE LAMP FOR A MINIMUM OF 90 MINUTES DURING A POWER FAILURE. THE FIXTURE SHALL BE SWITCHED AS SHOWN WHILE POWER TO THE BALLAST SHALL COME FROM THE UNSWITCHED PORTION OF THE CIRCUIT.

NOTE: THIS SPACE IS AN INDEPENDENT TENANT SPACE ON THIS FLOOR. THE LIGHTING CIRCUITS ARE CONNECTED TO THE EXISTING BUILDING ENERGY MANAGEMENT SYSTEM VIA THE HIGH VOLTAGE PANEL IN THE MAIN FLOOR ELECTRIC ROOM. THE FLOOR HAS A SEPARATE METER & ALL TENANTS SHARE THE COST OF ELECTRICAL POWER.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	LAMPS	REMARKS
A	COLUMBIA	P424-232G-LD26-A-EU	(2)F32 T8/41K	RECESSED 2X4 PARABOLIC. 12 CELL.
X	WESTERN LIGHTING	EDG-LED-EM-R-RC-277-BBR-PLN	INCLUDED	EXIT W/BATTERY.
X2	SAME AS FIXTURE TYPE 'X' EXCEPT DUAL FACE.			

LIGHTING FIXTURE SCHEDULE NOTES:

1. THE LIGHT FIXTURES INDICATED ARE BUILDING STANDARD LIGHT FIXTURES. THERE SHALL BE NO SUBSTITUTIONS ALLOWED.

INTERIOR LIGHTING POWER CALCULATION

SPACE	AREA (SQFT)	LPD (W/SQFT)	ALLOWABLE (W)	DESIGN (W)
OFFICES	923	1.1	1015.3	832
MECH-ELECTRICAL	281	1.5	421.5	256
RECEPTION-WAITING	295	1.3	383.5	256
CONFERENCE	175	1.3	227.5	128
BREAK RM	131	1.2	157.2	128
CORRIDOR	319	0.5	159.5	256
TOTAL	2124		2364.5	1856

THE DESIGN WATTAGE OF 1856 W IS LESS THAN THE ALLOWABLE WATTAGE OF 2364.5 W.

INTERIOR LIGHTING POWER CALCULATION AS REQUIRED PER FBC-ENERGY CONSERVATION TABLE 505.5.3.