

LIGHTING FIXTURE SCHEDULE							
MARK	TYPE	MOUNT	LAMP	VOLT	MANUFACTURER	CATALOG	NOTES
A	INDIRECT TROFFER	RECESSED	(3)F302 T8/25K	120V	DAY-BRITE	2PF-C-32-PW-UNV- 1/3-E10K-GR	92 WATTS
A1	PARABOLIC TROFFER	RECESSED	(3)F302 T8/25K	120V	COLUMBIA	P422-4-32G-M36- S-3EPU-GR	92 WATTS
A2	INDIRECT TROFFER	RECESSED	(3)F302 T8/25K	120V	TAMLITE	ID24-C-32E-10	92 WATTS
B	PARABOLIC TROFFER	RECESSED	(2)F302 T8/25K	120V	COLUMBIA	P422-2-32UG-M43- S-EPU-GR	62 WATTS
	EXIT LIGHT	SURFACE	BY MFR.	120V	DUAL LITE	LXURVE	① ②
	EMERGENCY LIGHTING	SURFACE	BY MFR.	120V	DUAL LITE	L22	②

① PROVIDE SINGLE OR DUAL FACE, WALL OR CEILING MOUNT, AS SHOWN ON PLANS.

② PROVIDE BATTERY/INVERTER BACKUP FOR 90 MINUTES IN ACCORDANCE WITH NEPA REQUIREMENTS. CONNECT FIXTURES TO UNSWITCHED HOT LEG OF LOCAL LIGHTING CIRCUIT.

③ PROVIDE ALTERNATE BID PRICE TO USE TYPES 'A1' OR 'A2' IN PLACE OF TYPE 'A'

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 (2009)), THE LIFE SAFETY CODE (NFPA-101 (2009)), THE BUILDING CODE (FBC 2003), AND THE FLORIDA BUILDING CODE (FBC 2003).
3. MINIMUM WIRE SIZE SHALL BE #12 A.W.G., EXCLUDING CONTROL WIRING. INSULATION OTHERWISE NOTED ALL CONDUCTORS SHALL BE COPPER WITH THIN INSULATION.
4. ALL THREADED NUTS IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES AS REQUIRED FOR OTHER CLASSIFIED AREAS.
5. DISCONNECT SWITCHES SHALL BE UP 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 THE NECESSARY 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 NEC.
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 PHASE 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. CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS, AND TESTING.
15. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES.
16. FINISH AND INSTALL, DISCONNECT SWITCHES AND WIRING FOR AIR CONDITIONING SYSTEM AS PER MANUFACTURERS RECOMMENDATIONS. CONTRACTORS ARE TO BE SUPPLIED BY AIR CONDITIONING CONTRACTOR AND CONNECTED BY ELECTRICAL CONTRACTOR.
18. 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 TRIPMERS WILL BE ACCEPTED.
19. ALL FUSES, UNLESS NOTED ON DRAWING, SHALL BE CURRENT LIMITING (C.L.) RATED FOR 600,000 A.I.C.
20. ALL ELECTRICAL EQUIPMENT, WITH UNDERWRITERS' LABORATORIES, INC. (UL), WHERE STANDARDS HAVE BEEN ESTABLISHED BY UL.
21. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN, ON SITE, A DETAILED AS-BUILT PLAN SHOWING A COMPLETE LIST OF THE CONDUCTORS IS TO BE COMPLETED, WHICH ARE SUITABLE FOR SUBMISSION TO THE BUILDING DEPARTMENT AND THE DIVER.
22. METAL CLAD (MC) CABLES MAY BE USED FOR 30 AMP AND SMALLER BRANCH CIRCUITS ONLY, EXCLUDING HODGENS. ALL OTHER CIRCUITS AND ALL HODGENS ARE TO BE IN CONDUIT.

LIGHTING FIXTURE SCHEDULE

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	2424	1.1	2666	2576
RECEPTION	372	1.3	484	368
CORRIDOR	266	0.5	133	276
ELECTRICAL	42	1.5	63	124
TOTALS	3104		3346	3344

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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 A 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.

GENERAL DEMOLITION NOTES

1. UNLESS OTHERWISE NOTED, ALL EQUIPMENT, WIRING DEVICES, LIGHT FIXTURES, CONDUIT AND VTE IN THE PROJECT AREA WHICH IS NOT INDICATED TO REMAIN, IS TO BE REMOVED. THE CONTRACTOR SHALL INVESTIGATE THE PROJECT AREA PRIOR TO BID TO DETERMINE ALL REQUIRED DEMOLITION.
2. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS MUST BE VERIFIED PRIOR TO BID. FIELD CONDITIONS SHALL GOVERN.
3. DEMOLITION WORK IS NOT SPECIFICALLY IDENTIFIED ON THESE PLANS, AND MAY BE DESCRIBED ON THE PROJECT'S PLANS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED DEMOLITION WHETHER SHOWN ON THE PLANS OR NOT.
4. ALL CONDUITS SERVING OTHER SPACES OR FLOORS, THAT RUN THROUGH THE PROJECT AREA SHALL REMAIN AFTER FINISH CONSTRUCTION, SO AS NOT TO CAUSE ANY DISRUPTION TO THESE OTHER SPACES.
5. ALL ITEMS REMOVED UNDER THIS PROJECT SHALL BE DISPOSED OF OR TURNED OVER TO THE OWNER AT THE OWNER'S DISCRETION.
6. PROPER, REMOVE AND DISPOSE OF ALL ELECTRICAL EQUIPMENT, CONDUIT AND WIRING WHICH IS TO BE REMOVED. CONSULT WITH OWNER AND OBTAIN THE OWNERS APPROVAL PRIOR TO DISPOSAL OF REMOVED MATERIAL.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL CONDUITS, NEW OR EXISTING, WITHIN THE PROJECT AREA, ARE PROPERLY SUPPORTED AND PROVIDED WITH BOWDING BUSHINGS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.

OCCUPANCY SENSOR LEGEND (HUBBELL)

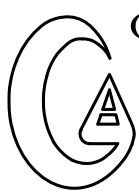
- | | |
|---|-------------|
|  | LHMTSI WALL |
|  | OMNI-US1000 |
|  | OMNI-US2000 |
|  | OMNI-DT500 |
|  | OMNI-DT2000 |



PROPOSED LIGHTING FLOOR PLAN

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

PROJ. # 12-02



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VISIONS

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