LIGHTING FIXTURE SCHEDULE

MK	DESCRIPTION	LAMPS			DIFFUSER	MOUNTING	VOLT	MANUFACTURER	REMARKS
		QTY	WATTS	TYPE					
E	RECESSED EDGE–LIT LED EXIT SIGN	–	1.9	LED	GREEN	RECESSED	120V	LITHONIA #LRP–B–1–GC–120/277–EL N–F	GREEN LETTERING
EC	EXIT / EMERGENCY COMBO BATTERY EXIT SIGN	–	–	LED	RED	SURFACE MOUNTED	120V	LITHONIA #LHQM–S–W–3–R–MVOLT	RED LETTERING
F	8" RECESSED LED DOWNLIGHT	–	13	LED	–	RECESSED	120V	LITHONIA #LDN8–1000LM–30K–L08–AR–LSS–MVOLT–UGZ–NLTAIR2	nLIGHT AIR ENABLED
FE	8" RECESSED LED DOWNLIGHT – EMERGENCY	–	13	LED	–	RECESSED	120V	LITHONIA #LDN8–1000LM–30K–L08–AR–LSS–MVOLT–UGZ–NLTAIRER2	nLIGHT AIR ENABLED, CIRCUIT VIA INVERTER
L1	CHANDELIER	–	100	LED	–	SUSPENDED	120V	OWNER PROVIDED CONTRACTOR INSTALLED	
L2	LED COVE LIGHT FIXTURE DYNAMIC RGBW	–	12.7/FT	LED	–	SURFACE MOUNTED	120V	MARK ARCHITECTURAL LIGHTING #MCV102–LLP–250LMF–MVOLT–DMX	COORDINATE MOUNTING OPTIONS WITH ARCHITECT

FIXTURE SCHEDULE NOTES:

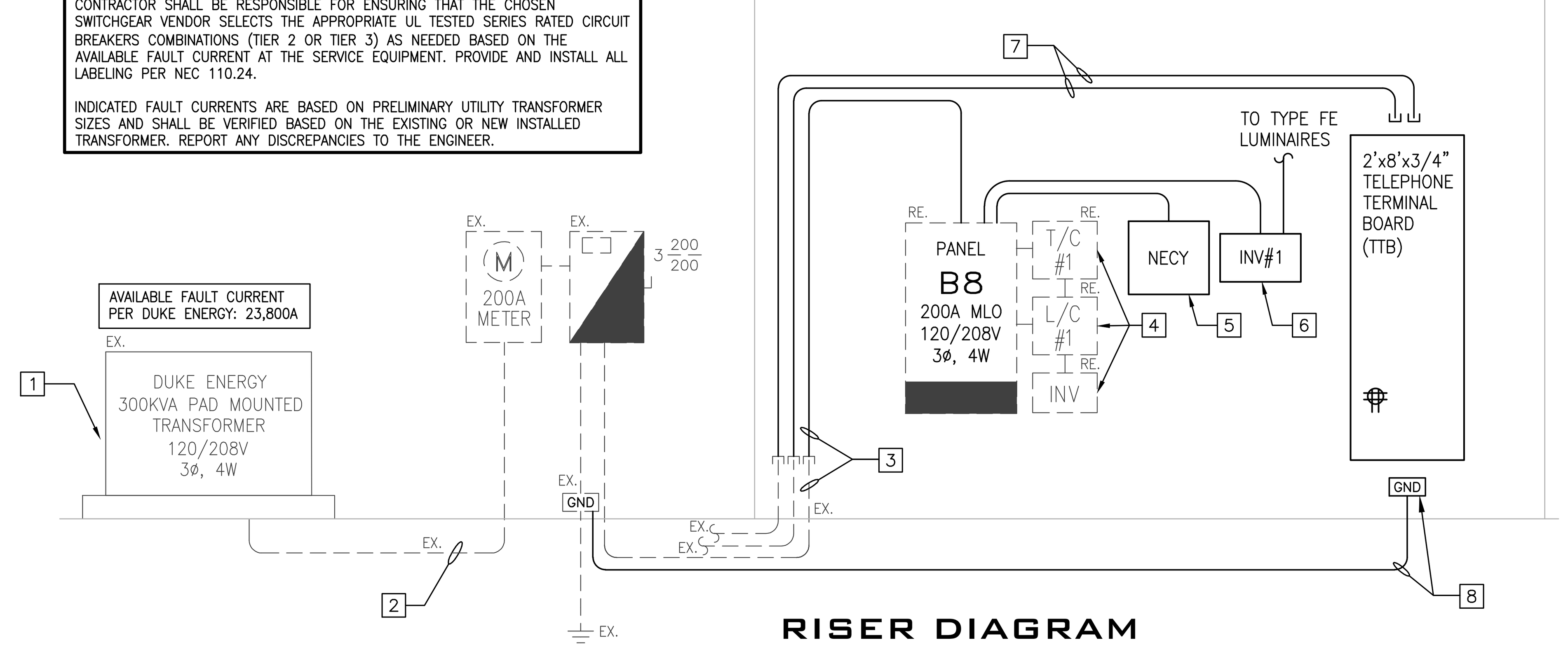
1. FIXTURE SCHEDULE IS PROVIDED TO ESTABLISH A LEVEL OF QUALITY AND SET THE BASIS OF DESIGN FOR THIS PROJECT. ALTERNATE PACKAGES OF EQUAL OR GREATER QUALITY WILL BE ACCEPTED ONLY FROM SESCO, GENLYTE, WFLI AND LIGHTING PARTNERS OF CENTRAL FLORIDA. NO OTHERS WILL BE CONSIDERED FOR THIS PROJECT. PROVIDE EXTERIOR PHOTOMETRIC 10 DAYS PRIOR TO BID DATE FOR CONSIDERATION.
2. SUBMIT CATALOG CUT SHEETS FOR APPROVAL PRIOR TO ORDERING LIGHTING FIXTURES. SUBMIT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER PRIOR TO SUBMITTING BIDS. SUBMISSIONS OF SHOP DRAWINGS TO THE ENGINEER/ARCHITECT THAT DO NOT MEET THE ABOVE REQUIREMENTS WILL NOT BE APPROVED.
3. EMERGENCY BATTERIES SHALL BE MANUFACTURED BY BODINE, AND OR APPROVED EQUALS AND SHALL BE FACTORY INSTALLED. PROVIDE WITH AN UNCONDITIONAL NON–PRORATED 5 YEAR WARRANTY.

RISER NOTES:

1. EXISTING DUKE ENERGY PAD–MOUNTED TRANSFORMER TO REMAIN.
2. SERVICE LATERAL IS EXISTING TO REMAIN.
3. EXTEND EXISTING PANEL FEEDER TO NEW LOCATION OF PANEL B8. PROVIDE (4)250KCMIL AL, (1)#6 CU GROUND IN 2–1/2" CONDUIT. FIELD–COORDINATE EXACT CONDUIT ROUTING. REFER TO POWER PLAN ON E.3 FOR EXISTING LOCATION AND NEW LOCATION OF PANEL B8.
4. RELOCATE EXISTING TIME CLOCK, EXISTING LIGHTING CONTACTOR, AND EXISTING LIGHTING INVERTER TO NEW LOCATION OF PANEL B8. EXTEND OR RE–ROUTE EXISTING BRANCH CIRCUITS AS REQUIRED TO NEW LOCATION.
5. PROVIDE LIGHTING CONTROL SYSTEM FOR CONTROL OF INTERIOR VENUE LIGHTING. REFER TO nLIGHT CONTROL DETAIL ON DRAWING E.2.
6. PROVIDE LIGHTING INVERTER FOR EMERGENCY OPERATION OF INTERIOR EGRESS LIGHT FIXTURES: IOTA#IIS–375–LED. MOUNT ADJACENT TO ELECTRICAL PANEL.
7. EXTEND (2) 2" CONDUIT FOR INTERNET/CATV SERVICE FROM EXISTING SERVICE ENTRANCE TO TELEPHONE TERMINAL BOARD IN UTILITY ROOM. FIELD–COORDINATE EXACT ROUTING OF CONDUIT.
8. PROVIDE #4 CU IN 3/4" CONDUIT FROM EXISTING GROUND BAR TO NEW GROUND BAR IN UTILTIY ROOM. REFER TO POWER AND SYSTEMS PLAN FOR LOCATIONS. FIELD–COORDINATE EXACT ROUTING OF CONDUIT AND CONDUCTORS.

IF THE CONTRACTOR CHOOSES TO USE A SERIES RATED SYSTEM PER 240.86, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE CHOSEN SWITCHGEAR VENDOR SELECTS THE APPROPRIATE UL TESTED SERIES RATED CIRCUIT BREAKERS COMBINATIONS (TIER 2 OR TIER 3) AS NEEDED BASED ON THE AVAILABLE FAULT CURRENT AT THE SERVICE EQUIPMENT. PROVIDE AND INSTALL ALL LABELING PER NEC 110.24.

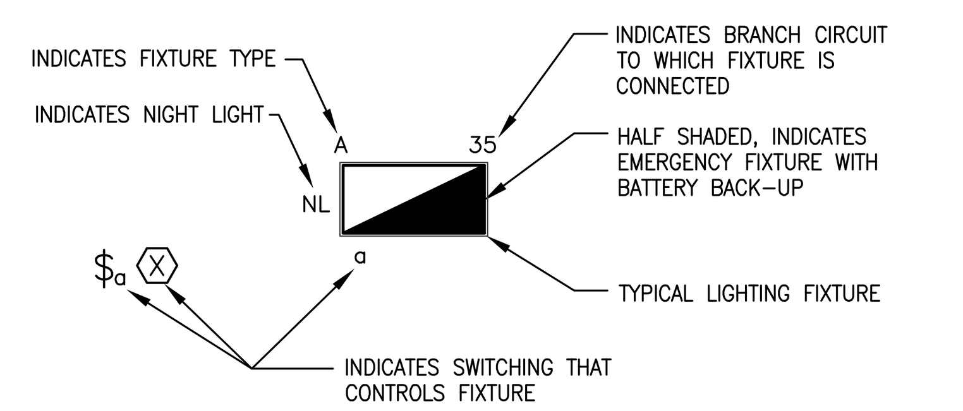
INDICATED FAULT CURRENTS ARE BASED ON PRELIMINARY UTILITY TRANSFORMER SIZES AND SHALL BE VERIFIED BASED ON THE EXISTING OR NEW INSTALLED TRANSFORMER. REPORT ANY DISCREPANCIES TO THE ENGINEER.



RISER DIAGRAM

NTS

FIXTURE CIRCUITING DETAIL



1. "NIGHT LIGHTS" WHERE INDICATED ARE TO BE WIRED UNSWITCHED. CIRCUIT USING THE SMALLEST NUMBER OF LAMPS PER FIXTURE WHEN MORE THAN ONE BALLAST IS PROVIDED PER FIXTURE. REMAINING LAMPS SHALL BE SWITCHED WITH REST OF AREA LIGHTING FIXTURES.
2. INTEGRAL EMERGENCY BATTERIES SHALL BE CONNECTED TO UNSWITCHED LIGHTING CIRCUIT SERVING ROOM WHERE FIXTURE IS LOCATED.
3. IF MORE THAN ONE SWITCH LEG IS SHOWN ADJACENT TO FIXTURE, FIXTURE SHALL BE PROVIDED WITH SECOND BALLAST FOR INSIDE–OUTSIDE LAMP SWITCHING. ALL FIXTURES WITHIN SAME AREA SHALL BE WIRED THE SAME, UNLESS OTHERWISE NOTED.

ELECTRICAL NOTES

MATERIALS AND METHODS

1. ALL WIRE SHALL BE COPPER TYPE "THHN/THWN," SOLID FOR SIZES #10 AND #12, AND STRANDED FOR #8 AND LARGER UNLESS OTHERWISE NOTED.
2. MINIMUM WIRE SIZE SHALL BE #12 AWG. FOR BRANCH CIRCUITS OVER 100' MINIMUM HOMERUN TO PANEL SHALL BE #10 AWG.
3. ALL WIRE SHALL BE INSTALLED IN CONDUIT, UNLESS OTHERWISE NOTED. MINIMUM HOMERUN SIZE SHALL BE 3/4". 1/2" CONDUIT MAY BE USED BETWEEN DEVICES. ALL CONDUIT SHALL BE RUN PARALLEL AND PERPENDICULAR TO BUILDING WALLS AND FLOORS. MINIMUM U.G. CONDUIT HOMERUN SHALL BE 3/4". MC CABLE MAY BE USED PER THE NEC, WHERE CONCEALED.
4. ALL CONDUITS INSTALLED IN DRY INTERIOR LOCATIONS SHALL BE ELECTRICAL METALLIC TUBING, UNLESS OTHERWISE NOTED.
5. ALL CONDUITS INSTALLED IN EXTERIOR LOCATIONS SHALL BE RIGID SCH.80 PVC. ALL CONDUITS INSTALLED UNDERGROUND SHALL BE RIGID SCH.40 PVC. BURIED PER NEC. ALL EXTERIOR EQUIPMENT SHALL BE CONNECTED WITH LIQUID TIGHT FLEXIBLE METAL CONDUIT AND WEATHERPROOF FITTINGS.
6. INSTALL ALL RACEWAYS, BOXES, ENCLOSURES, AND CABINETS AS INDICATED AND INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
7. OUTLET AND SWITCH BOXES SHALL BE STEEL IN DRY LOCATIONS AND CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS AND OR OF SPECIAL CONSTRUCTION TO SUIT SPECIFIC SITUATIONS. ALL BOXES SHALL BE RECESSED FLUSH IN WALLS AND/OR CONCEALED ABOVE CEILINGS. PROVIDE ACCESS PANELS FOR BOXES LOCATED IN NON–READILY ACCESSIBLE AREAS.
8. INSTALL COMPONENTS AND EQUIPMENT TO PROVIDE MAXIMUM POSSIBLE HEADROOM WHERE MOUNTING HEIGHTS OR OTHER LOCATION CRITERIA ARE NOT INDICATED. MAINTAIN ALL WORKING CLEARANCES AROUND EQUIPMENT AS REQUIRED BY THE N.E.C. INSTALL PANELBOARDS WITH TOP OF TRIM AT 6'–6" ABOVE FINISHED FLOOR.
9. ALL BRANCH AND FEEDER CIRCUITS SHALL CONTAIN A GROUNDING CONDUCTOR, UNLESS OTHERWISE NOTED, AND BE SIZED AND BONDED IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRIC CODE. ALL GROUNDING CONDUCTORS SHALL BE COPPER, U.O.N.
10. ALL PANELBOARDS, DISCONNECT SWITCHES AND SYSTEM PANELS SHALL BE SQUARE D, GE OR EQUAL AND SHALL HAVE AN ENGRAVED PLASTIC LAMINATE NAMEPLATE PERMANENTLY ATTACHED TO THE EXTERIOR COVER FOR IDENTIFYING SYSTEM FUNCTION AND CHARACTERISTICS.
11. ALL PANELBOARDS SHALL HAVE A TYPE–WRITTEN CIRCUIT DIRECTORY AND WIRING COLOR CODE CHART INSIDE EACH DOOR.
12. FIRE SEAL ALL CONDUIT PENETRATIONS IN FIRE RATED WALLS AND FLOORS BACK TO INITIAL RATING. FLASH ALL CONDUIT ROOF PENETRATIONS AS REQUIRED TO PROVIDE WEATHERPROOF SEALS. COORDINATE WITH OTHER TRADES AND ROOFING CONTRACTOR. ALL PENETRATIONS IN FIRE RATED ASSEMBLIES SHALL BE PROTECTED BY APPROVED FIRE STOPPING SYSTEM IN ACCORDANCE TO SECTION 713 OF THE FBCB.
13. ALL WIRING DEVICES SHALL BE COMMERCIAL GRADE AND MANUFACTURED BY LEVITON, P&S OR HUBBELL. ALL DEVICES INSTALLED IN FINISHED AREAS SHALL BE WHITE WITH MATCHING NON–METALLIC FACEPLATES. FIELD VERIFY ACTUAL COLOR PRIOR TO ORDERING WITH OWNER OR TENANT. SWITCH AND OUTLET BOXES SHALL NOT BE INSTALLED WITHIN THE SAME STUD–CAVITY IN RATED PARTITIONS AND DEMISING WALLS. IF BACK TO BACK BOXES ARE NOT SEPARATED BY MINIMUM HORIZONTAL DISTANCE OF 24", THEN INSTALLATION OF A WALL OPENING PROTECTIVE MATERIAL (UL LISTED PUTTY PAD, INSTALLED ACCORDING TO THEIR UL CLASSIFICATION) IS REQUIRED TO MAINTAIN THE WALL RATING.
14. ALL DISCONNECT SWITCHES SHALL BE RATED HEAVY DUTY, AND NEMA 3R WHERE INSTALLED OUTDOORS.
15. PROVIDE SUPPLEMENTAL WIRE–TYPE SUPPORT OF ALL LAY–IN LIGHTING FIXTURES FROM BUILDING STRUCTURE. LIGHTING FIXTURES WEIGHING LESS THAN 10 POUNDS SHALL HAVE ONE #12 GAGE HANGER WIRE CONNECTED FROM THE LIGHTING FIXTURE TO THE STRUCTURE ABOVE. LIGHTING FIXTURE WEIGHING MORE THAN 10 POUNDS SHALL HAVE TWO #12 GAGE WIRES ATTACHED AT OPPOSING CORNERS OF THE LIGHTING FIXTURE.
16. PROVIDE NYLON PULLSTRINGS IN ALL RACEWAYS.
17. THESE ELECTRICAL PLANS AND PANEL SCHEDULES ARE BASED ON THE CONTRACTOR PROVIDING DEDICATED NEUTRALS FOR EACH 120V BRANCH CIRCUIT. MULTI–WIRE BRANCH CIRCUITS ARE NOT USED, UNLESS SPECIFICALLY NOTED.

FUNCTIONAL TESTING:

1. THE ELECTRICAL CONTRACTOR SHALL ARRANGE FOR AND OR COMPLETE FUNCTIONAL TESTING AT THE END OF THE PROJECT PRIOR TO THE FINAL INSPECTION TO ENSURE THAT LIGHTING CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS. WHERE REQUIRED BY THE CODE OFFICIAL, AN APPROVED PARTY INDEPENDENT FROM THE DESIGN OR CONSTRUCTION OF THE PROJECT SHALL BE RESPONSIBLE FOR THE FUNCTIONAL TESTING AND SHALL PROVIDE DOCUMENTATION TO THE CODE OFFICIAL CERTIFYING THAT THE INSTALLED LIGHTING CONTROLS MEET THE PROVISIONS OF SECTION C405.
2. WHERE OCCUPANT SENSORS, TIME SWITCHES, PROGRAMMABLE SCHEDULE CONTROLS, PHOTO SENSORS OR DAYLIGHTING CONTROLS ARE INSTALLED, THE FOLLOWING GENERAL PROCEDURES SHALL BE PERFORMED. REFER TO FBC C408.3 FOR SPECIFIC REQUIREMENTS.
   A. CONFIRM THAT THE PLACEMENT, SENSITIVITY AND TIME–OUT ADJUSTMENTS FOR OCCUPANT SENSORS YIELD ACCEPTABLE PERFORMANCE.
   B. CONFIRM THAT THE TIME SWITCHES AND PROGRAMMABLE SCHEDULE CONTROLS ARE PROGRAMMED TO TURN THE LIGHTS OFF.
   C. CONFIRM THAT THE PLACEMENT AND SENSITIVITY ADJUSTMENTS FOR PHOTO SENSOR CONTROLS REDUCE ELECTRIC LIGHT BASED ON THE AMOUNT OF USABLE DAYLIGHT IN THE SPACE AS SPECIFIED.
3. WITHIN 90 DAYS FROM THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY, THE CONTRACTOR SHALL SUBMIT TO THE BUILDING OWNER DOCUMENTATION CERTIFYING THAT INSTALLED LIGHTING CONTROLS MEET THE DOCUMENTED PERFORMANCE CRITERIA OF SECTION C405.

PROJECT COMPLETION REQUIREMENTS

1. WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF THE ACTUAL INSTALLATION TO THE BUILDING OWNER, INCLUDING:
   A. A SINGLE–LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM.
   B. FLOOR PLANS INDICATING LOCATION AND AREA SERVED FOR ALL DISTRIBUTION.
2. THE CONTRACTOR SHALL PROVIDE OPERATING MANUAL AND MAINTENANCE MANUALS TO THE BUILDING OWNER. THE MANUALS SHALL BE NEATLY BOUND AND ORGANIZED AND SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:
   A. SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
   B. OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
   C. NAME AND ADDRESS OF AT LEAST ONE QUALIFIED SERVICE AGENCY.

ABBREVIATIONS:

A	AMPERES
A/C	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AWG	AMERICAN WIRE GAUGE
CH	COUNTER HEIGHT
C	CONDUIT
CG	CEILING
CT	CURRENT TRANSFORMER
CU	COPPER
DISC	DISCONNECT
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EWC	ELECTRIC WATER COOLER
EX	EXISTING TO REMAIN
FACP	FIRE ALARM CONTROL PANEL
FS	FLOW SWITCH
FMC	FLEXIBLE METAL CONDUIT
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GRC	GALVANIZED RIGID CONDUIT
HVAC	HEATING, VENTILATION, AIR CONDITIONING
IG	ISOLATED GROUND
J	JUNCTION
KAIC	(THOUSAND) AMPERE INTERRUPTING CAPACITY
KCMIL	THOUSANDS OF CIRCULAR MILS
KVA	KILOVOLT AMPERES
KW	KILOWATT
LTG	LIGHTING
N	NEUTRAL
NF	NON–FUSED
NL	NIGHT LIGHT
P	POLE
PVC	POLYVINYL CHLORIDE
SPEC	SPECIFICATION
SS	STAINLESS STEEL
SQ	SQUARE
TS	TAMPER SWITCH
TTB	TELEPHONE TERMINAL BOARD
TYP	TYPICAL
UC	UNDER COUNTER
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VOLTS
W	WIRE
WP	WEATHERPROOF
YWYE	(CONNECTED)

GENERAL REQUIREMENTS

1. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, AND TOOLS TO PERFORM ALL WORK NECESSARY FOR THE COMPLETE EXECUTION OF THE ELECTRICAL WORK AS SHOWN ON THE DRAWINGS.
2. PROVIDE WORK NOT SPECIFICALLY SHOWN OR SPECIFIED, YET REQUIRED TO INSURE PROPER AND COMPLETE OPERATIONS OF ALL SYSTEMS AND TO SATISFY THE DESIGN INTENT IN THE WORK AND TO COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS.
3. LABOR FOR THE INSTALLATION OF MATERIALS AND EQUIPMENT FURNISHED UNDER THE ELECTRICAL CONTRACTORS' SCOPE OF WORK SHALL BE PERFORMED BY EXPERIENCED MECHANICS OF THE PROPER TRADE AND ALL WORKMANSHIP SHALL BE FIRST CLASS AND SHALL BE IN COMPLIANCE WITH THE SPECIFIC REQUIREMENTS OF THE CONTRACT DRAWINGS.
4. ALL DISCREPANCIES ON DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO SUBMISSION OF BIDS. SUBMISSION OF A BID CONSTITUTES ACCEPTANCE OF FIELD CONDITIONS.
5. ALL DIVISION 1 SPECIFICATIONS AND ARCHITECTURAL GENERAL AND SPECIAL CONDITIONS OUTLINED IN THE CONTRACT DOCUMENTS SHALL APPLY TO ELECTRICAL SYSTEMS.
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE FOLLOWING CODES AND STANDARDS:

   FLORIDA BUILDING CODE 8TH EDITION
   NATIONAL FIRE PROTECTION ASSOCIATION, (NFPA)
   NATIONAL ELECTRICAL CODE, 2020 (NEC)
   NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, (NEMA)
   NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION, (NECA)
   AMERICAN NATIONAL STANDARDS INSTITUTE, (ANSI)
   UNDERWRITERS LABORATORIES, (UL)
   ALL LOCAL CODES, ORDINANCES, REGULATIONS
   LOCAL POWER COMPANY STANDARDS
   THE AUTHORITY HAVING JURISDICTION.
7. ALL MATERIALS PROVIDED BY THE CONTRACTOR SHALL BE NEW AND FREE OF DEFECTS AND SHALL BE UL LISTED FOR THE INTENDED APPLICATION.
8. THE ELECTRICAL DRAWINGS ARE NOT TO BE SCALED. WHERE SPECIFIC DETAILS AND DIMENSIONS FOR ELECTRICAL WORK ARE NOT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL TAKE MEASUREMENTS AND MAKE LAYOUTS AS REQUIRED FOR THE PROPER INSTALLATION AND COMPLETION OF THE WORK.
9. CONTRACTOR SHALL OBTAIN AND FURNISH ALL PERMITS, AND ARRANGE FOR ALL REQUIRED INSPECTIONS.
10. CONTRACTOR SHALL INSPECT SITE FOR FIELD VERIFICATION OF ALL ASPECTS OF THE PROJECT PRIOR TO BIDDING.
11. THE CONTRACT DRAWINGS INDICATE THE GENERAL ARRANGEMENT OF CIRCUITS AND OUTLETS, LOCATION OF SWITCHES, PANELBOARDS, CONDUITS, AND OTHER WORK. FIELD VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION OF WORK.
12. ALL DISCONNECT SWITCHES AND STARTERS FOR THE MECHANICAL EQUIPMENT SHALL BE SIZED AND PROVIDED BY THE ELECTRICAL CONTRACTOR AND INSTALLED AND CIRCUITED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. INSTALL SWITCHES IN ACCESSIBLE LOCATIONS. PRIOR TO INSTALLATION OF ANY ELECTRICAL WORK RELATED TO NEW HVAC CIRCUITS, THE ELECTRICAL CONTRACTOR SHALL REVIEW THE MECHANICAL SHOP DRAWINGS FOR ACTUAL CIRCUIT REQUIREMENTS.
13. THE ELECTRICAL CIRCUITS, COMPONENTS, AND CONTROLS ARE SELECTED AND SIZED FOR THE EQUIPMENT SPECIFIED AND OR SHOWN. IF SUBSTITUTIONS AND/OR EQUIVALENT EQUIPMENT ARE FURNISHED, IT SHALL BE THE RESPONSIBILITIES OF ALL PARTIES CONCERNED, INVOLVED IN AND FURNISHING THE SUBSTITUTE AND/OR EQUIVALENT EQUIPMENT TO VERIFY AND COMPARE THE ELECTRICAL CHARACTERISTICS OF THAT FURNISHED TO THAT SHOWN.
14. FIELD COORDINATE EXACT ELECTRICAL CONNECTION POINTS TO EQUIPMENT PRIOR TO ROUGH IN OF ELECTRICAL COMPONENTS.
15. FIELD DETERMINE EXACT MOUNTING LOCATION OF DUCT MOUNTED SMOKE DETECTORS. INSTALL PER NFPA AND MANUFACTURER'S WRITTEN INSTRUCTIONS.
16. COORDINATE MOUNTING LOCATIONS OF LIGHTING SWITCHES, F/A DEVICES, TV, DATA/TEL OUTLETS, AND RECEPTACLES WITH MILLWORK, PRIOR TO ROUGH–IN.
17. COORDINATE MOUNTING LOCATIONS OF RECEPTACLE AND TV AND DATA OUTLETS WITH OWNER REPRESENTATIVE PRIOR TO ROUGH–IN. REFER TO ARCHITECTURAL PLANS FOR WALL CONSTRUCTION TYPES.
18. PROVIDE A 120V RECEPTACLE AND SWITCHED LIGHTING OUTLET WITH LAMP WITHIN 3 FT. OF THE SERVICING SIDE OF ALL ELECTRICALLY OPERATED MECHANICAL EQUIPMENT INSTALLED IN ATTICS AND CRAWL SPACES.
19. THE CONTRACTOR SHALL PROVIDE ALL CHANNEL AND ANGLE SUPPORTING SYSTEMS, HANGERS, ANCHORS, SLEEVES, BRACKETS, FABRICATED ITEMS, AND HARDWARE AS REQUIRED TO PROVIDE SECURE SUPPORT, PER N.E.C., FOR ALL ELECTRICAL COMPONENTS FROM THE BUILDING STRUCTURE.
20. SPECIFIED CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY ONLY, FIELD COORDINATE ACTUAL ROUTING OF CONDUITS.
21. PROVIDE TEMPORARY LIGHTING AND POWER AS REQUIRED FOR ALL SUBS AND TO SUIT JOB CONDITIONS.
22. ALL MOUNTING HEIGHTS INDICATED ARE MEASURED FROM THE FINISHED FLOOR INSIDE, OR FINISHED GRADE OUTSIDE.
23. WHERE CONCEALED BY INACCESSIBLE FINISHES, PROVIDE ACCESS DOORS TO ELECTRICAL JUNCTION AND PULL BOXES, CONTROL DEVICES, AND EQUIPMENT, DISCONNECT SWITCHES AND ALL OTHER ITEMS REQUIRING MAINTENANCE, ADJUSTING, OR SERVICE. COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT AND ALL AFFECTED TRADES.
24. PROVIDE FINAL CLEANUP AND CONDUCT FIELD TESTS AFTER INSTALLATION OF ALL ELECTRICAL WORK. ADJUST ITEMS TO THE SATISFACTION OF THE OWNER, ARCHITECT, AND ENGINEER. LEAVE PANELBOARD INTERIOR CLEAN AND FREE FROM CONSTRUCTION DEBRIS. NEATLY DRESS ALL WIRING, AND RE–TIGHTEN ALL TERMINATIONS PER MANUFACTURERS' RECOMMENDATIONS.
25. TEST RESISTANCE OF GROUNDING ELECTRODE SYSTEM TO EARTH TO ACHIEVE A MINIMUM OF 10 OHMS, PROVIDE ADDITIONAL ELECTRODE TO OBTAIN ADEQUATE READING.
26. MAINTAIN ON THE JOBSITE IN GOOD CONDITION ONE SET OF UP TO DATE AS–BUILT ELECTRICAL DRAWINGS. PROGRESSIVELY, NEATLY, LEGIBLY AND EXACTLY RECORD ON THESE DRAWINGS THE LOCATION OF ALL CONCEALED CONDUIT RUNS AND ALL WORK WHICH IS INSTALLED DIFFERENTLY THAN IN THE LOCATION AND MANNER INDICATED ON THE DRAWINGS. PROVIDE A COPY OF THESE PLANS FOR THE OWNER.
27. UPON COMPLETION OF PROJECT, BALANCE PANELBOARD LOADS AMONG PHASES IN NEW PANELBOARDS WITHIN 10% OF EACH OTHER.
28. PROVIDE A FULL ONE YEAR WARRANTY ON ALL ELECTRICAL LABOR, AND MATERIALS INSTALLED ON THIS PROJECT, STARTING FROM THE ISSUANCE OF THE OWNERS CERTIFICATE OF OCCUPANCY.
29. PER FLORIDA ENERGY CODE SECTION C405.5.3, THESE PLANS HAVE BEEN DESIGNED TO LIMIT THE COMBINED VOLTAGE DROP ON FEEDERS AND BRANCH CIRCUITS TO 5% MAXIMUM.

ALTERATION NOTES

1. THIS PROJECT IS A TENANT BUILD–OUT IN AN EXISTING FACILITY AND EXISTING INFORMATION IS TAKEN FROM EXISTING CONSTRUCTION DOCUMENTS, VARIOUS SURVEYS AND FIELD INVESTIGATIONS. IT SHOULD BE UNDERSTOOD BY THE BIDDING CONTRACTORS THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND AS SUCH THE CONTRACTORS SHALL TAKE EXTRA STEPS DURING BIDDING TO FULLY DETERMINE AND UNDERSTAND THE FULL SCOPE OF THE WORK IN ORDER TO SUCCESSFULLY COMPLETE THIS PROJECT.
2. COMPLETE A SITE INVESTIGATION AND WALK–THROUGH OF THE EXISTING CONDITIONS PRIOR TO BIDDING PROJECT. IT WILL BE ASSUMED THAT THE SELECTED CONTRACTOR HAS TAKEN ALL REASONABLE STEPS TO ACCOUNT FOR THE DIFFICULTIES ASSOCIATED WITH COMPLETING THE SCOPE OF WORK AND THEREFORE ANY REQUESTS FOR ADDITIONAL COMPENSATION ASSOCIATED WITH MODIFICATION OF THE EXISTING CONDITIONS AND THE INCORPORATION OF THE NEW WORK WILL NOT BE APPROVED.
3. DISCUSS OWNERSHIP OF DEMOLISHED MATERIALS WITH OWNER PRIOR TO DISCARDING, OWNER HAS FIRST RIGHT OF REFUSAL. UPON ACKNOWLEDGMENT FROM OWNER, PROMPTLY REMOVE ALL DEMOLISHED MATERIALS NOT INDICATED TO BE REINSTALLED FROM THE PROJECT SITE AND ARRANGE FOR PROPER AND SAFE DISPOSAL.
4. FIELD COORDINATE PROJECT PHASING SCHEDULE WITH GENERAL CONTRACTOR PRIOR TO BIDDING.
5. MAINTAIN CONNECTIONS TO ALL EXISTING ELECTRICAL ITEMS NOT AFFECTED BY THIS RENOVATION.
6. PROVIDE TEMPORARY WIRING TO MAINTAIN EXISTING CIRCUITS DURING CONSTRUCTION.
7. PROVIDE MATCHING COVERPLATE OVER UNUSED OUTLETS BOXES WHERE CONDUITS ARE RECESSED IN EXISTING CONSTRUCTION.

SYMBOLS

LIGHTING

- EXIT SIGN, CEILING OR PENDANT MOUNTED ABOVE DOOR. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- EXIT SIGN, WALL MOUNTED ABOVE DOOR. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- LED LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- LED LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- LED LIGHTING FIXTURE WITH EMERGENCY BATTERY OR ON GENERATOR. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- RECESSED LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- WALL SCONCE LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- LED STRIP LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- EMERGENCY BATTERY LIGHTING FIXTURE. SEE SCHEDULE FOR DETAILS.
- 125V OR 277V AC SINGLE POLE 20 AMP SWITCH. MOUNT TOP OF DEVICE LESS THAN 46" AFF.
- 125V OR 277V AC 3–WAY OR 4–WAY 20 AMP SWITCH. MOUNT TOP OF DEVICE LESS THAN 46" AFF.
- 125V AC ELECTRONIC ON/OFF, 0–10V SLIDE DIMMER SWITCH COMPATIBLE WITH DIMMING BALLAST/DRIVER. MOUNT TOP OF DEVICE LESS THAN 46" AFF.
- 0–10V LOW VOLTAGE DIMMER COMPATIBLE WITH LED DRIVER

COMMUNICATIONS

- COMMUNICATIONS OUTLET. RECESSED DOUBLE–GANG JUNCTION BOX WITH SINGLE–GANG MUD–RING AND BLANK PLATE AT 18" AFF, UON. PROVIDE 3/4" C WITH PULL STRING TO ABOVE ACCESSIBLE CEILING.
- FLOOR MOUNTED COMMUNICATIONS OUTLET. RECESSED FLOOR SINGLE–GANG CONCRETE RATED BOX WITH SINGLE HINGED–DOOR BRASS COVER PLATE. PROVIDE 1" C. WITH PULL STRING TO ABOVE ACCESSIBLE CEILING. COMBINE WITH FLOOR OUTLET UNDER ONE COVER PLATE WHERE SHOWN.
- TELEVISION OUTLET. MOUNTED IN SAME RECESSED JUNCTION BOX AS TV RECEPTACLE (LEGRAND TV1WTVSSW OR EQUAL). PROVIDE 3/4" C. TO ABOVE CEILING, (1)RG–6 WITH F–TYPE CONNECTOR AND (1)CAT6 WITH RJ45 CONNECTOR UNDER ONE COVER PLATE TO TTB.

POWER AND WIRING

- 120/208V PANELBOARD AS SCHEDULED
- 3 30/* FUSED DISCONNECT SWITCH. NEMA 1 (INDOOR) OR NEMA 3R (OUTDOOR). SINGLE NUMBER INDICATES NUMBER OF POLES. TOP NUMBER INDICATES MAXIMUM AMPERAGE. BOTTOM INDICATES ACTUAL FUSING AS INDICATED OR AS DETERMINED FROM MANUFACTURER'S NAMEPLATE. DISCONNECT SWITCH MUST BE CAPABLE OF BEING LOCKED IN THE OPEN (OFF) POSITION.
- 3 30/NF NON–FUSED (NF) DISCONNECT SWITCH. NEMA 1 (INDOOR) OR NEMA 3R (OUTDOOR). SINGLE NUMBER INDICATES NUMBER OF POLES. TOP NUMBER INDICATES MAXIMUM AMPERAGE. DISCONNECT SWITCH MUST BE CAPABLE OF BEING LOCKED IN THE OPEN (OFF) POSITION.
- JUNCTION BOX. CODE SIZED FOR APPLICATION.
- RACEWAY CONCEALED ABOVE CEILING, IN WALLS OR EXPOSED.
- RACEWAY CONCEALED BELOW FLOOR, ROOF, OR GRADE.
- HOMERUN TO PANELBOARD, NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN ALL POWER AND LIGHTING RACEWAYS, NOT SHOWN ON PLANS.
- GROUND

WIRING DEVICES

- 125V AC 20 AMP DUPLEX RECEPTACLE, NEMA 5–20R MOUNTED AT 18" AFF, U.O.N.
- WP: 125V AC 20 AMP DUPLEX RECEPTACLE NEMA 5–20R, WITH GROUND FAULT CIRCUIT INTERRUPTER, RECEPTACLE SHALL BE LISTED AS WEATHER RESISTANT
- 125V AC 20 AMP DUPLEX RECEPTACLE NEMA 5–20R, WITH GROUND FAULT CIRCUIT INTERRUPTER, MOUNTED AT 18" A.F.F, U.O.N.
- 125V AC 20 AMP DUPLEX RECEPTACLE, NEMA 5–20R MOUNTED AT COUNTER HEIGHT, TOP OF DEVICE LESS THAN 46" AFF.
- 125V AC 20 AMP DUPLEX RECEPTACLE NEMA 5–20R, WITH GROUND FAULT CIRCUIT INTERRUPTER, MOUNTED AT COUNTER HEIGHT, TOP OF DEVICE LESS THAN 46" AFF.
- 125V AC 20 AMP, SPLIT WIRED, DUPLEX RECEPTACLE, NEMA 5–20R MOUNTED AT 18" AFF, U.O.N.
- 125V AC 20 AMP DOUBLE DUPLEX RECEPTACLE NEMA 5–20R WITH GROUND FAULT CIRCUIT INTERRUPTER, MOUNTED AT 18" A.F.F, U.O.N.
- 125V AC 20 AMP DOUBLE DUPLEX RECEPTACLE, NEMA 5–20R MOUNTED AT 18" AFF, U.O.N.
- SPECIAL PURPOSE RECEPTACLE MOUNTED AT 48" AFF. PROVIDE/INSTALL MATCHING PLUG IF REQUIRED. FIELD COORDINATE EXACT REQUIREMENTS WITH OWNER'S REPRESENTATIVE.
- 125V AC 20 AMP DUPLEX RECEPTACLE, NEMA 5–20R CEILING MOUNTED
- 125V AC 20 AMP RECESSED DUPLEX RECEPTACLE, NEMA 5–20R MOUNTED IN SAME SINGLE GANG RECESSED BOX AS TV OUTLET, LEGRAND TV1WTVSSW OR EQUAL.
- 125V AC 20 AMP RECESSED DUPLEX RECEPTACLE WITH DUAL TYPE–A/TYPE–C USB PORTS, NEMA 5–20R IN SINGLE GANG RECESSED BOX. MATCH SURROUNDING COVER PLATES, LEVITON T5830 OR EQUAL.
- 125V AC 20 AMP SIMPLEX RECEPTACLE, NEMA 5–20R IN SINGLE GANG RECESSED BOX, MOUNTED AT 18" AFF, U.O.N., MATCH SURROUNDING COVER PLATES, LEVITON 5801 OR EQUAL.

SUBMITTALS

1. SUBMIT MANUFACTURERS' CUT SHEETS AND CATALOG DATA CLEARLY INDICATING THE SPECIFIC PART OR PRODUCT CATALOG NUMBER(S) FOR APPROVAL.
2. ELECTRONICALLY SUBMIT REQUESTED INFORMATION, NEATLY INDEXED PER CATEGORY FOR THE FOLLOWING ITEMS, NOT ALL RELEVANT ON ALL PROJECTS:
   A. INTERIOR LIGHTING FIXTURES.
   B. LIGHTING CONTROLS, CONTACTORS, PHOTOCELLS.
   C. OCCUPANCY SENSORS AND WIRING DIAGRAMS.
   D. FIRE ALARM SYSTEM EQUIPMENT, DEVICES AND SHOP DRAWINGS.
3. ALLOW TWO WEEKS FOR ENGINEER TO COMPLETE REVIEW OF SHOP DRAWINGS. ENGINEER WILL NOT BE RESPONSIBLE FOR PROJECT DELAYS RELATED TO DELIVERY AND TRANSMISSION OF SHOP DRAWINGS ONCE INFORMATION HAS LEFT ENGINEER'S OFFICE. ITEMS REQUIRING LONG LEAD TIME SHOULD BE SUBMITTED AS SOON AS POSSIBLE.
4. SUBMIT CERTIFIED LIGHTING CONTROL FUNCTIONAL TESTING DOCUMENTS TO THE ENGINEER FOR TRANSMISSION TO THE BUILDING DEPARTMENT PRIOR TO CALLING FOR THE FINAL INSPECTION.

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OWNER / PROJECT:

PLATINUM CELEBRATIONS

INTERIOR BUILDOUT

APOPKA, FLORIDA

PROFESSIONAL SEAL:

DAVID E. ALLEY, PE
PE #55008

PROJECT NO: PSA 2025-45.00

REVISIONS:

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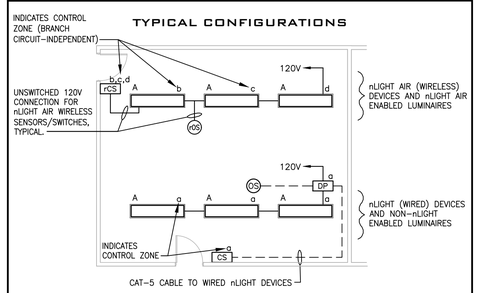
NOTES, SYMBOLS AND SCHEDULES

E.1

nLIGHT CONTROL

TYPICAL CONFIGURATIONS



1. BASIS OF DESIGN FOR THE LIGHTING CONTROL DIMMING SYSTEM IS THE nLIGHT AND nLIGHT AIR COMBINED SYSTEM. SYSTEM SHALL BE PROVIDED COMPLETE WITH ALL CONTROL MODULES, CONTROL CALES, CONTROL SWITCHES, ETC. FOR A COMPLETE AND FULLY OPERATIONAL SYSTEM.
2. PROVIDE COMPLETE FACTORY SHOP DRAWINGS, OPERATION AND MAINTENANCE MANUALS AND WIRING DIAGRAMS SPECIFIC FOR THIS PROJECT.
3. PROVIDE FACTORY PROGRAMMING ASSISTANCE AND TRAINING FOR THE ELECTRICAL CONTRACTOR AND TENANT/OWNER.
4. TYPICAL CAT5 TWO–PAIR, 24AWG, COMMUNICATIONS CABLE BETWEEN WIRED nLIGHT DEVICES INSTALLED PER MANUFACTURER'S WIRING DIAGRAMS (CAT5 PROVIDES POWER FOR NON–LUMINAIRE nLIGHT DEVICES). IF LENGTH OF CONTROL CIRCUIT EXCEEDS 1,000FT, THEN ADDITIONAL WIRE PAIR IS NEEDED. PROVIDE 3–RJ45 PORT Y–SPLITTER (ACUITY #CAT5–Y–J CT.*211CH7 OR EQUAL) AS NEEDED FOR nLIGHT WIRED NETWORK.
5. DIMMING/SWITCHING MODULES SHALL BE RATED FOR 120V & 277V.
6. PER FBC C408.3.1 FUNCTIONAL TESTING SHALL BE PERFORM BY MANUFACTURES REPRESENTATIVE. CONTRACTOR SHALL CONTACT MANUFACTURER TO SCHEDULE START UP AND TESTING APPOINTMENT PRIOR TO FINAL ELECTRICAL INSPECTION.
7. OVERRIDE OPERATION SHALL BE SET TO A MAXIMUM 2–HOUR OVERRIDE PER FBC C405.2.2.1.

nLIGHT SYMBOLS

SYSTEM CONTROLLER

- NECY CKT# — nLIGHT ECLYPSE SYSTEM CONTROLLER (#nECY–MVOLT–ENC) WITH nLIGHT AIR ADAPTER (#NECYD–NLTAIR–G2) FOR CONTROL OF WIRELESS nLIGHT AIR LUMINAIRES/DEVICES.
- DMX CKT# — nLIGHT ANIMATE DMX CONTROLLER (#nPWDMX ANIMATE–ENCSML–U1) FOR CONTROL OF COVE LIGHTING/RGBW COLOR.

WALL STATIONS AND SWITCHES

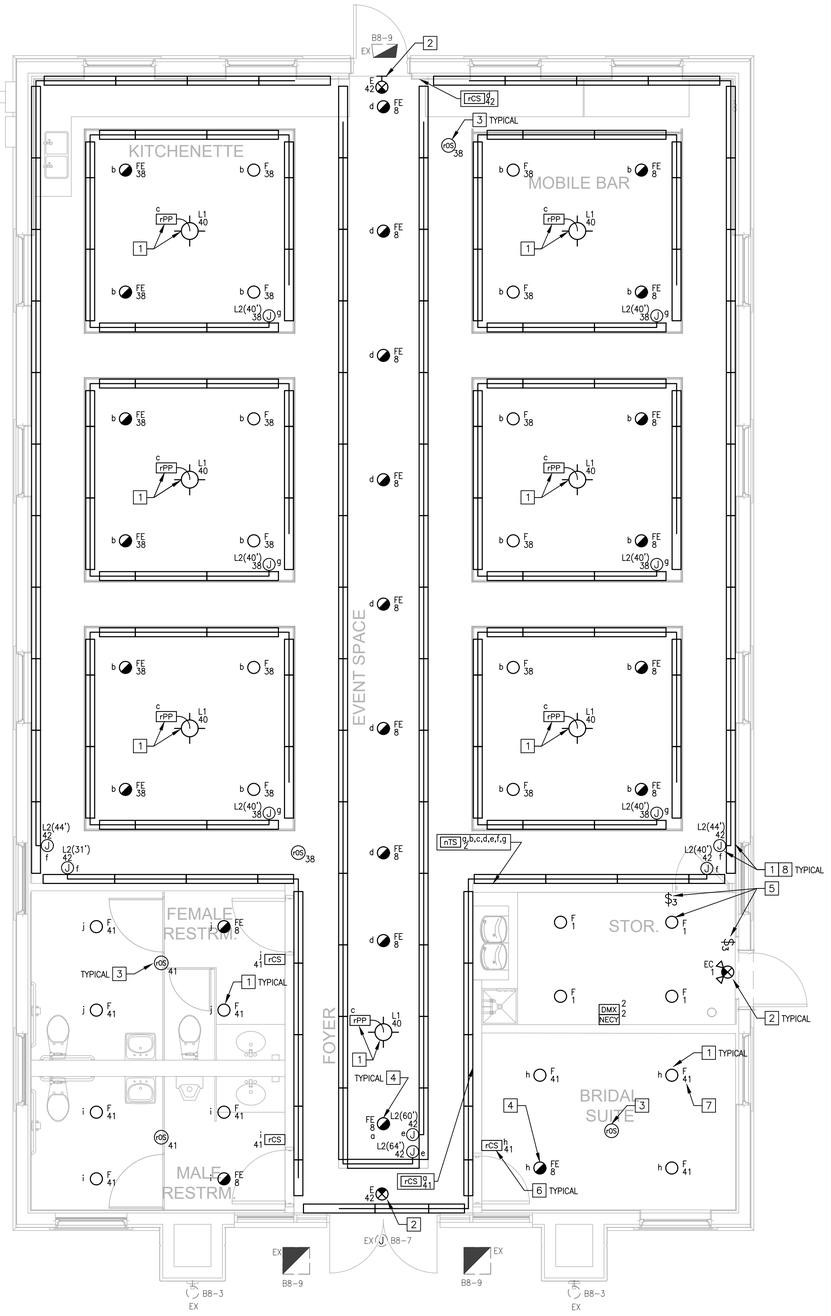
- nTS CKT# — TOUCHSCREEN USER CONTROL INTERFACE: nTS–7IN–BK. PROVIDE 120V CONNECTION.
- CS — LOW VOLTAGE WALL POD FOR TOUCH CONTROL OF NLIGHT DEVICES FOR SWITCHING AND DIMMING OPERATION. NLIGHT NPODM–4S–DX–WH
- OS — LOW VOLTAGE WALL POD OCCUPANCY SENSOR FOR TOUCH CONTROL OF nLIGHT DEVICES FOR SWITCHING AND DIMMING OPERATION: nWSX–PDT–LV–DX–WH
- rCS CKT# — WIRELESS, LINE–POWERED WALL POD FOR TOUCH CONTROL OF NLIGHT DEVICES FOR SWITCHING AND DIMMING OPERATION: NPODLA–MVOLT–G2, PROVIDE 120V CONNECTION.

LOAD CONTROLLERS

- PP — POWER/RELAY PACK FOR SWITCHING FIXTURES: nLIGHT nPP16
- DP — POWER PACK FOR DIMMING 0–10V FIXTURES: nLIGHT nEPP5–D–KO
- EPP — POWER/RELAY PACK FOR SWITCHING FIXTURES ON AN EMERGENCY BRANCH CIRCUIT: nPP16–EM
- EDP — POWER PACK FOR DIMMING 0–10V FIXTURES ON AN EMERGENCY BRANCH CIRCUIT. COORDINATE LOCATION WITH ARCHITECT: nEPP5–D–KO EM
- rPP — WIRELESS nLIGHT AIR LINE–POWERED POWER/DIMMING PACK
  - FOR SWITCHING FIXTURES: RPP20
  - FOR DIMMING 0–10V FIXTURES: RPP20–DS
  - FOR SWITCHING FIXTURES ON AN EMERGENCY BRANCH CIRCUIT: RPP20–EM
  - FOR DIMMING 0–10V FIXTURES ON AN EMERGENCY BRANCH CIRCUIT: RPP20–DS–EM

OCCUPANCY SENSORS

- OS — CEILING MOUNT OCCUPANCY SENSOR: NLIGHT nCM–PDT–9
- rOS CKT# — CEILING MOUNT OCCUPANCY SENSOR, LINE–POWERED, nLIGHT AIR ENABLED
  - FOR SMALL MOTION: RCMS–PS150–9–G2, PROVIDE 120V CONNECTION
  - FOR LARGE MOTION: RCMS–PS150–10–G2, PROVIDE 120V CONNECTION



LIGHTING PLAN

SCALE: 1/4" = 1'–0"

SCALE 1/4" = 1'–0"

BRANCH CIRCUIT NUMBERS WERE TAKEN FROM EXISTING CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL FIELD VERIFY BRANCH CIRCUIT DESIGNATION AND ADJUST AS REQUIRED.

PLAN NOTES:

1. PROJECT LIGHTING SHALL BE SWITCHED AND DIMMED VIA nLIGHT SYSTEM. WALL STATIONS PROVIDE MANUAL CONTROL FOR BUILDING OCCUPANTS, AND nLIGHT SYSTEM OCCUPANCY SENSORS AND TIME SCHEDULE PROVIDE AUTOMATIC CONTROL TO SATISFY FBC SECTION C405 FOR INTERIOR LIGHTING. ROUTE LIGHTING BRANCH CIRCUITS FOR CHANDELIERS VIA nLIGHT AIR ENABLED POWER PACK rPP20. REFER TO nLIGHT CONTROL DETAIL ON THIS DRAWING.
2. EXIT SIGNS AND EMERGENCY BATTERIES SHALL REMAIN UN–SWITCHED AND CONNECTED TO THE LIGHTING BRANCH CIRCUIT SERVING THE SAME AREA.
3. TYPICAL nLIGHT SYSTEM OCCUPANCY SENSOR. REFER TO nLIGHT CONTROL SYSTEM DETAIL ON THIS DRAWING. SUBSCRIPT INDICATES 120V BRANCH CIRCUIT CONNECTION.
4. ROUTE BRANCH CIRCUIT FOR TYPE FE FIXTURES VIA LIGHTING INVERTER. REFER TO RISER DIAGRAM NOTE ON DRAWING E.1.
5. LIGHTING IN UTILITY ROOM SHALL BE HARDWIRED AND SWITCHED LOCALLY ONLY.
6. TYPICAL nLIGHT SYSTEM CONTROL STATION. REFER TO nLIGHT CONTROL DETAIL ON THIS DRAWING. SUBSCRIPT INDICATES 120V BRANCH CIRCUIT CONNECTION.
7. ALL BRANCH CIRCUITS ON THIS DRAWING ARE FED FROM PANEL B8.
8. PROVIDE PATHWAY #PWREP–IP65 FOR RUN OF TYPE 'L2' COVE LIGHT FIXTURES. COORDINATE ADDITIONAL REQUIREMENTS WITH COVE LIGHTING LIGHTING MANUFACTURER PRIOR TO BEGINNING WORK.

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INTERIOR BUILDOUT FOR BUILDOUT

APOPKA, FLORIDA

PROFESSIONAL SEAL:

DAVID E. ALLEY, PE
PE #55008

PROJECT NO: PSA 2025-45.00

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LIGHTING PLAN

E.2

(EXISTING, RELOCATED)

PANEL SCHEDULE

PANEL: **B8** — RATING: 200 MLO — SERVICE: 120/208V, 3ø, 4W — LUG LOCATION: BOTTOM — MOUNTING: SURFACE — A.I.C. : 22KAIC — TYPE: EXISTING

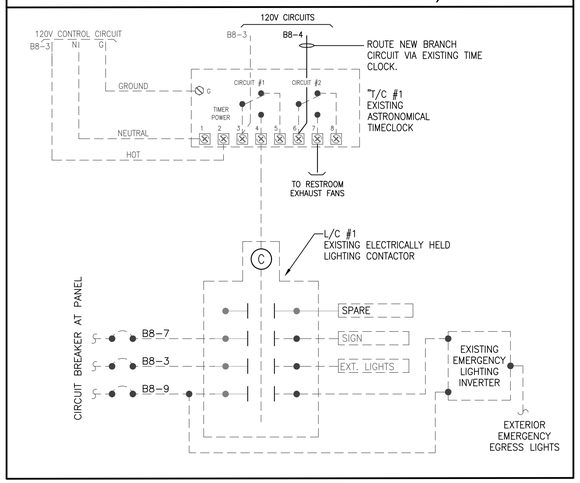
CKT	DESCRIPTION	KVA	CKT BRKR POLE	CKT BRKR TRIP	BRANCH Ø	BRANCH N	BRANCH GND	CIRCUIT C"	ø	CKT	DESCRIPTION	KVA	CKT BRKR POLE	CKT BRKR TRIP	BRANCH Ø	BRANCH N	BRANCH GND	CIRCUIT C"
1	LTG/REC-ELEC/MECH	0.24	1	20	12	12	12	3/4	a	2	LIGHTING CONTROL SYSTEM	0.50	1	20	12	12	12	3/4
3	LTG-EXTERIOR, TC#1, LC#1 ⊛	0.50	1	20	EX.	EX.	EX.	EX.	b	4	EXHAUST FANS ⊛	0.02	1	20	12	12	12	3/4
5	REC-EXTERIOR	0.36	1	20	10	10	10	3/4	c	6	TTB	1.00	1	20	12	12	12	3/4
7	EXTERIOR SIGN ⊛	1.20	1	20	EX.	EX.	EX.	EX.	a	8	LTG-EM, INV#1	0.30	1	20	10	10	10	3/4
9	EXTERIOR LIGHTING ⊛	0.50	1	20	EX.	EX.	EX.	EX.	b	10					8			
11	FACP (LOCK-ON)	0.50	1	20	12	12	12	3/4	c	12	**AHU-1 # %**	13.98	3	45	8	–	10	3/4
13	REC-MOBILE BAR	0.54	1	20	10	10	10	3/4	a	14					8			
15	REC-BRIDAL RM	0.36	1	20	12	12	12	3/4	b	16					8			
17	REC-BRIDAL RM	0.36	1	20	12	12	12	3/4	c	18	**CU-1 # %**	6.82	3	40	8	–	10	3/4
19	REC-RESTROOM	0.36	1	20	12	12	12	3/4	a	20					8			
21	REC-VENUE	0.90	1	20	12	12	12	3/4	b	22					8			
23	REC-VENUE	0.90	1	20	12	12	12	3/4	c	24	**AHU-2 # %**	13.98	3	45	8	–	10	3/4
25	DJ EQUIPMENT	1.00	1	20	10	10	10	3/4	a	26					8			
27	DJ EQUIPMENT	1.00	1	20	10	10	10	3/4	b	28					8			
29	DJ EQUIPMENT	1.00	1	20	10	10	10	3/4	c	30	**CU-2 # %**	6.82	3	40	8	–	10	3/4
31	DJ EQUIPMENT	1.00	1	20	10	10	10	3/4	a	32					8			
33	REC-KITCHENETTE	0.72	1	20	10	10	10	3/4	b	34	**EWH-1**	6.00	2	30	10	–	10	3/4
35	**EWC, RCP (GFCI CB) #**	0.40	1	20	12	12	12	3/4	c	36					10			
37	**REFRIG. (GFCI CB) #**	0.80	1	20	12	12	12	3/4	a	38	**LTG-VENUE #**	1.24	1	20	10	10	10	3/4
39	**DISHWASHER (GFCI CB) #**	0.50	1	20	10	10	10	3/4	b	40	**LTG-CHANDELIERS #**	0.70	1	20	10	10	10	3/4
41	**LTG-BRIDAL/RESTROOM #**	0.22	1	20	12	12	12	3/4	c	42	**LTG-COVE AISLE/PERIM. #**	1.27	1	20	10	10	10	3/4

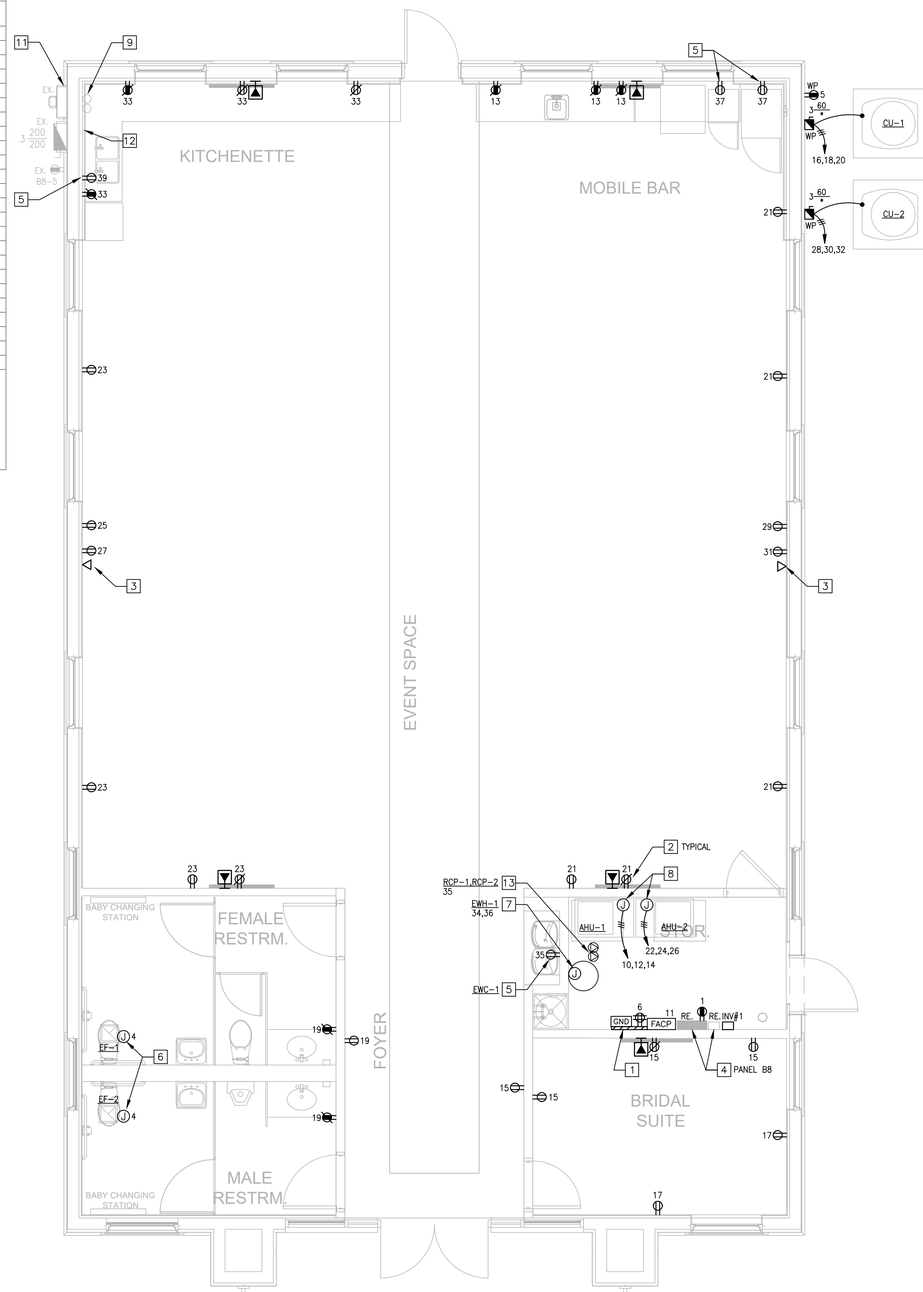
CONNECTED LOAD (KVA) øA: øB: øC:

EQUIPMENT SERVED	CONNECTED LOAD	LF	DF	DEMAND LOAD
LIGHTING	6.17		1.25	7.13
RECEPTS (10kVA + 50% REST)	4.50		1.0	4.50
HVAC	28.07		1.0	28.07
MISC. EQUIPMENT	13.70		1.0	13.70
		TOTAL KVA:		53.40
		AMPS:		148

REMARKS:
- – PROVIDE TYPE WRITTEN DIRECTORY
- ⊛ CONTACTOR/CLOCK CONTROLLED
- % NON-COINCIDENTAL WITH AHU HEAT
- # PROVIDE NEW MATCHING CIRCUIT BREAKER. AIC RATING SHALL BE EQUAL TO OR GREATER THAN EXISTING AIC RATING OF PANEL.

TIME CLOCK CONTROL (T/C#1, L/C#1)





POWER AND SYSTEMS PLAN

SCALE: 1/4" = 1'-0"

SCALE 1/4" = 1'-0"

BRANCH CIRCUIT NUMBERS WERE TAKEN FROM EXISTING CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL FIELD VERIFY BRANCH CIRCUIT DESIGNATION AND ADJUST AS REQUIRED.

PLAN NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL 2'X8'X3/4" PLYWOOD TELEPHONE TERMINAL BOARD PAINTED WITH FIRE RETARDANT PAINT (ELECTRICAL GRAY IN COLOR) MOUNTED HORIZONTALLY. LOCATE TELECOM GROUND BUS BAR (BASIS OF DESIGN: CHATSWORTH #10622 OR EQUAL) BELOW TTB. ROUTE ALL TELECOM CABLES AND CONDUITS TO TTB. STUB-UP SERVICE PROVIDER CONDUITS FROM DEMARCATION POINT BELOW TTB.
2. FIELD COORDINATE (WITH ARCHITECT/OWNER) MOUNTING HEIGHT AND LOCATION OF TV OUTLET AND ASSOCIATED RECEPTACLE FOR FLAT PANEL TV. INSTALL RECEPTACLE AT SAME HEIGHT AS TV OUTLET UNDER SAME COVER PLATE.
3. PROVIDE DATA RECEPTACLE AND CAT6 CONNECTION BACK TO TTB IN UTILITY ROOM.
4. RELOCATE EXISTING PANEL B8 AND EXISTING TIME CLOCK AND LIGHTING CONTACTOR TO LOCATION INDICATED.
5. PROVIDE GFCI CIRCUIT BREAKER AS SCHEDULED FOR PROTECTION OF INDICATED RECEPTACLE.
6. ROUTE BATHROOM EXHAUST FAN CIRCUIT VIA EXISTING TIME CLOCK. SET TIME SCHEDULE TO HOURS OF OPERATION. VERIFY ADDITIONAL REQUIREMENTS WITH MECHANICAL CONTRACTOR.
7. PROVIDE DEDICATED 208V BRANCH CIRCUIT FOR WATER HEATER. CIRCUIT BREAKER IN PANEL B8 SHALL SERVE AS REQUIRED DISCONNECTING MEANS.
8. PROVIDE 3-PHASE 208V BRANCH CIRCUIT FOR AIR HANDLING UNIT. CIRCUIT BREAKER IN PANEL B8 SHALL SERVE AS REQUIRED DISCONNECTING MEANS.
9. EXTEND EXISTING LV CONDUITS TO TTB LOCATED IN UTILITY ROOM.
10. ALL BRANCH CIRCUITS ON THIS DRAWING ARE FED FROM PANEL B8.
11. SERVICE METER IS EXISTING TO REMAIN AND SHOWN FOR REFERENCE ONLY.
12. LOCATION OF EXISTING PANEL B8 TO BE RELOCATED. FIELD-COORDINATE EXACT ROUTING OF NEW CONDUIT.
13. FIELD-COORDINATE EXACT LOCATION OF JUNCTION BOX FOR RE-CIRCULATION PUMP WITH PLUMBING CONTRACTOR. PROVIDE GFCI-TYPE CIRCUIT BREAKER TO SERVE AS REQUIRED DISCONNECTING MEANS.

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POWER AND SYSTEMS PLAN

E.3

FAC 61G15-32.008 CHECK LIST

ITEM	REQUIREMENT	METHOD OF COMPLIANCE
4.(a)	THE DOCUMENTS SHALL BE CLEAR, WITH A SYMBOLS LEGEND, SYSTEM RISER DIAGRAM SHOWING ALL INITIATION AND NOTIFICATION COMPONENTS, AND CABLING REQUIREMENTS.	REFER TO THIS DRAWING FOR THE SYMBOLS LEGEND. REFER TO THIS DRAWING FOR THE RISER DIAGRAM.
	THE DOCUMENTS SHALL INDICATE LOCATIONS WHERE FIRE RATINGS ARE REQUIRED AS DETERMINED BY THE SYSTEM'S SURVIVABILITY REQUIREMENTS, AND SHALL IDENTIFY THE GENERAL OCCUPANCY OF THE PROTECTED PROPERTY AND EACH ROOM AND AREA UNLESS IT IS CLEAR FROM FEATURES SHOWN	REFER TO THE ARCHITECT'S LIFE SAFETY PLANS FOR FIRE WALL RATINGS AND OCCUPANCY CLASSIFICATIONS, AND ROOM DESCRIPTIONS.
4.(b)	THE DOCUMENTS SHALL LOCATE INITIATION AND NOTIFICATION DEVICES AND CONNECTIONS TO RELATED SYSTEMS ON THE FLOOR PLANS AND SECTIONS WHEN NEEDED FOR CLARITY. RELATED SYSTEMS INCLUDE ELEVATOR CONTROLS SMOKE CONTROL SYSTEMS, DAMPERS, AND DOORS.	REFER TO DRAWING THIS DRAWING FOR FIRE ALARM DEVICE LOCATIONS.
4.(c)	THE DOCUMENTS SHALL INDICATE STROBE INTENSITY AND SPEAKER OUTPUT RATINGS FOR ALL NOTIFICATION DEVICES.	REFER TO THIS DRAWING FOR FIRE ALARM NOTIFICATION DEVICE LOCATIONS AND CANDELA RATINGS. SPEAKERS ARE NOT USED ON THIS PROJECT.
4.(d)	THE DOCUMENTS SHALL IDENTIFY THE CLASS OF CIRCUITS AS LISTED IN NFPA 72, WHICH IS CONTAINED WITHIN AND INCORPORATED INTO THE FLORIDA FIRE PREVENTION CODE.	REFER TO "FIRE ALARM REQUIREMENTS" NOTE 11 ON THIS DRAWING. ALL INITIATING DEVICE CIRCUITS SHALL BE CLASS B. ALL NOTIFICATION CIRCUITS SHALL BE CLASS B. ALL SIGNALING LINE CIRCUITS SHALL BE CLASS B.
4.(e)	THE DOCUMENTS SHALL IDENTIFY THE FUNCTIONS REQUIRED BY THE ALARM AND CONTROL SYSTEMS INCLUDING THE TRANSMISSION OF EMERGENCY SIGNALS BEING MONITORED OR ANNUNCIATED.	REFER TO "FIRE ALARM REQUIREMENTS" NOTE 4 ON THIS DRAWING. REFER TO THE FIRE ALARM MATRIX ON THIS DRAWING.
4.(f)	THE DOCUMENTS SHALL INDICATE WHETHER THE FIRE ALARM IS CONVENTIONAL OR ADDRESSABLE, AND INDICATE ALL ZONING.	SYSTEM SHALL BE ADDRESSABLE. REFER TO "FIRE ALARM REQUIREMENTS" NOTE 4 ON THIS DRAWING.
4.(g)	THE DOCUMENTS SHALL LOCATE SURGE PROTECTIVE DEVICES AND REQUIRED PROTECTIVE FEATURES.	REFER TO THIS DRAWING FOR THE LOCATIONS OF SURGE PROTECTIVE DEVICES. REFER TO "FIRE ALARM REQUIREMENTS" NOTE 6 ON THIS DRAWING.
4.(h)	THE DOCUMENTS SHALL LOCATE SYSTEM DEVICES THAT ARE SUBJECT TO ENVIRONMENTAL FACTORS, AND INDICATE REQUIREMENTS FOR THE PROTECTION OF EQUIPMENT FROM TEMPERATURE, HUMIDITY OR CORROSIVE ATMOSPHERES, INCLUDING COASTAL SALT AIR.	REFER TO "FIRE ALARM REQUIREMENTS" NOTE 10 ON THIS DRAWING. REFER TO THIS DRAWING FOR FIRE ALARM DEVICE LOCATIONS. WEATHERPROOF DEVICES ARE REQUIRED FOR WET AND DAMP LOCATIONS.
4.(i)	THE DOCUMENTS SHALL INCLUDE A SITE PLAN OF THE IMMEDIATE AREA AROUND THE PROTECTED BUILDING, STRUCTURE OR EQUIPMENT WHEN ALARM DEVICES ARE REQUIRED OUTSIDE THE STRUCTURE.	REFER TO "FIRE ALARM REQUIREMENTS" NOTE 9 ON THIS DRAWING. REFER TO THE CIVIL DRAWINGS FOR FIRE ALARM DEVICE LOCATIONS OUTSIDE THE STRUCTURE.
4.(j)	IN BUILDINGS WERE SMOKE DETECTION WILL BE OBSTRUCTED BY WALLS, BEAMS OR CEILING FEATURES, THE ENGINEER OF RECORD SHALL PROVIDE APPLICABLE DESIGN AND DETAILS TO DIRECT THE INSTALLER TO MITIGATE THE OBSTRUCTIONS. IN BUILDINGS WITH SMOKE DETECTION UNDER A PITCHED ROOF, THE PLANS SHALL INDICATE THE ROOF PITCH AND A BUILDING SECTION SHALL BE PROVIDED AS PART OF THE ENGINEERING DESIGN DOCUMENTS.	NOT APPLICABLE TO THIS PROJECT.
4.(k)	FOR FIRE DETECTION SYSTEMS UTILIZING SMOKE DETECTION IN SITUATIONS WHERE SMOKE STRATIFICATION IS ANTICIPATED, THE DESIGN SHALL PROVIDE THE NECESSARY CRITERIA TO MITIGATE THE DETECTION PROBLEMS.	NOT APPLICABLE TO THIS PROJECT.
4.(l)	SYSTEMS DESIGNED USING PERFORMANCE BASED CRITERIA SHALL BE IDENTIFIED AND REFERENCED TO DESIGN GUIDES OR STANDARDS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION CONSISTENT WITH STANDARDS ADOPTED BY THE FLORIDA FIRE PREVENTION CODE AND THE FLORIDA BUILDING CODE.	REFER TO "FIRE ALARM REQUIREMENTS" NOTE 1 ON THIS DRAWING.
4.(m)	THE SYSTEM DESIGN MUST INDICATE IF THE SYSTEM IS TO PROVIDE A GENERAL EVACUATION SIGNAL OR A ZONED EVACUATION FOR ALL HIGH-RISE BUILDINGS OR MULTI-TENANTED PROPERTIES AS DEFINED IN SECTION 2 OF THE FLORIDA BUILDING CODE, BUILDING.	NOT APPLICABLE TO THIS PROJECT.
4.(n)	THE WIRING REQUIREMENTS FOR UNDERGROUND, WET LOCATIONS, CAMPUS STYLE WIRING, PROTECTION AGAINST DAMAGE AND BURIAL DEPTH SHALL BE SPECIFIED OR INDICATED ON THE ENGINEERING DESIGN DOCUMENTS.	REFER TO "FIRE ALARM REQUIREMENTS" NOTES 8 AND 10 ON THIS DRAWING FOR WIRE REQUIREMENTS AND PROTECTION FOR UNDERGROUND AND WET LOCATIONS.
4.(o)	THE REQUIREMENTS FOR OPERATIONS AND MAINTENANCE PROCEDURES, MANUALS, SYSTEM DOCUMENTATION, AND INSTRUCTION OF OWNER'S OPERATING PERSONNEL, AS NEEDED TO OPERATE THE SYSTEMS AS INTENDED OVER TIME.	REFER TO "FIRE ALARM REQUIREMENTS" NOTE 12 ON THIS DRAWING.
5.	IN THE EVENT THAT THE ENGINEER OF RECORD ELECTS TO SPECIFY SPECIFIC EQUIPMENT AND TO SHOW THE REQUIRED WIRING, BATTERY AND VOLTAGE DROP (CIRCUIT ANALYSIS) CALCULATIONS SHALL BE COMPLETED. THE CALCULATIONS SHALL BE COMPLETED USING THE EQUIPMENT MANUFACTURE'S DATA AND APPLICABLE NFPA 72 PROCEDURES.	REFER TO "FIRE ALARM REQUIREMENTS" NOTE 2 ON THIS DRAWING. FIRE ALARM SUB-CONTRACTOR WILL SUBMIT THESE ITEMS WITH THE SHOP DRAWINGS AND WITH THE FIRE ALARM PERMIT PACKAGE.
6.	SYSTEM TEST REQUIREMENTS SHALL BE NOTED ON THE ENGINEERING DESIGN DOCUMENTS.	REFER TO "FIRE ALARM REQUIREMENTS" NOTE 1 ON THIS DRAWING. FIRE ALARM SUB-CONTRACTOR WILL TEST THE SYSTEM PER NFPA.
7.	WHEN THE ENGINEER DETERMINES THAT SPECIAL REQUIREMENTS ARE REQUIRED BY THE OWNER, INSURANCE UNDERWRITER OR LOCAL FIRE CODE AMENDMENTS THESE REQUIREMENTS SHALL BE DOCUMENTED OR REFERENCED ON THE ENGINEERING DESIGN DOCUMENTS.	NO SPECIAL REQUIREMENTS ARE APPLICABLE TO THIS PROJECT.

FIRE ALARM MATRIX

		ANNUNCIATION							NOTIFICATION				FIRE SAFETY CONTROL							
		DISPLAY CHANGE OF STATUS AT FACP AND REMOTE ANNUNCIATORS (RAS)	ACTIVATE ALARM SIGNAL INDICATOR AT FACP & RAS	ACTIVATE AUDIBLE ALARM SIGNAL AT FACP & RAS	ACTIVATE SUPERVISORY SIGNAL INDICATOR AT FACP & RAS	ACTIVATE AUDIBLE SUPERVISORY SIGNAL AT FACP & RAS	ACTIVATE TROUBLE SIGNAL INDICATOR AT FACP & RAS	ACTIVATE AUDIBLE TROUBLE SIGNAL AT FACP & RAS	ACTIVATE AUDIBLE AND VISIBLE NOTIFICATION DEVICES IN BUILDING	ACTIVATE ALARM SIGNAL TO CENTRAL FIRE MONITORING SYSTEM	TRANSMIT SUPERVISORY SIGNAL TO CENTRAL FIRE MONITORING SYSTEM	TRANSMIT TROUBLE SIGNAL TO CENTRAL FIRE MONITORING SYSTEM	SHUT DOWN ASSOCIATED AHU	CLOSE ASSOCIATED DAMPER	RELEASE DOORS ON HOLD-OPEN DEVICES FOR DOORS TO CLOSE	RECALL ELEVATORS TO GROUND LEVEL	RECALL ELEVATORS TO ALTERNATE LEVEL	SHUNT ELEVATOR POWER	ACTIVATE FIRE DEPARTMENT WARNING LIGHT.
INITIATING DEVICES	MANUAL FIRE ALARM BOX	X	X	X					X	X										
	SMOKE DETECTOR – SPOT TYPE	X	X	X					X	X										
	HEAT DETECTOR																			
	WET-PIPE SPRINKLER WATERFLOW	X	X	X					X	X										
SUPERVISION	SPRINKLER TAMPER SWITCH	X			X	X						X								
	DUCT-MOUNTED SMOKE DETECTOR AHU\RTU																			
TROUBLE	FIRE ALARM SYSTEM LOW BATTERY	X					X	X				X								
	OPEN CIRCUIT	X					X	X				X								
	GROUND FAULT	X					X	X				X								
	NOTIFICATION APPLIANCE SHORT CIRCUIT	X					X	X				X								
	FIRE ALARM SYSTEM AC POWER FAILURE	X					X	X				X								

FIRE ALARM REQUIREMENTS

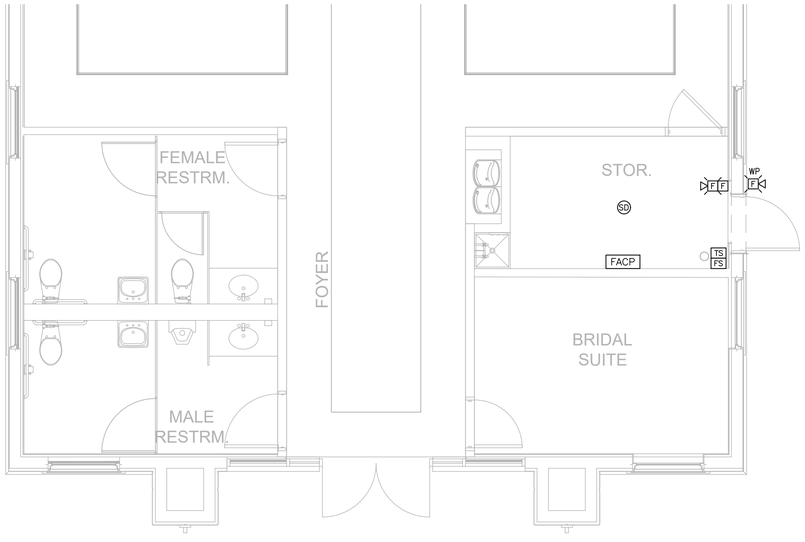
1. PROVIDE A COMPLETE AND OPERATIONAL FIRE ALARM SUPERVISORY SYSTEM WHICH SHALL BE PROVIDED, INSTALLED AND TESTED TO MEET OR EXCEED THE REQUIREMENTS LISTED UNDER THE NEC, NFPA, LIFE SAFETY CODE, ALL LOCAL CODES AS NEEDED TO SUPERVISE THE SPRINKLER SYSTEM. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE FOLLOWING CODES AND STANDARDS:

   FLORIDA BUILDING CODE 8TH EDITION
   FLORIDA FIRE PREVENTION CODE, 2021
   NATIONAL ELECTRICAL CODE, 2020 (NEC)
   NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
   NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, (NEMA)
   NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION, (NECA)
   AMERICAN NATIONAL STANDARDS INSTITUTE, (ANSI)
   UNDERWRITERS LABORATORIES, (UL)
   ALL LOCAL CODES, ORDINANCES, REGULATIONS
   LOCAL POWER COMPANY STANDARDS
   THE AUTHORITY HAVING JURISDICTION.

2. SUBMIT SHOP DRAWINGS FOR APPROVAL TO THE ARCHITECT/ENGINEER AND THE AHJ. SHOP DRAWINGS TO INDICATE IN DETAIL ALL WIRING REQUIREMENTS INCLUDING CONDUCTOR TYPES, SIZES AND NUMBER, DEVICE LOCATIONS, DETAILED BATTERY CALCULATIONS, SIGNAL CIRCUIT LOAD, LINE LOSS\VOLTAGE DROP CALCULATIONS, SYMBOL LIST INDICATING PART NUMBERS, CANDELA RATINGS, ADDRESSABLE DEVICE NUMBERING, ETC. INCLUDE RISER DIAGRAM THAT IS FULLY COORDINATED WITH THE PLANS. REFER TO FL STATUTES 61G15-32 FOR ADDITIONAL REQUIREMENTS.
3. ALL FIRE ALARM WORK SHALL BE PERFORMED BY A STATE LICENSED CERTIFIED FIRE ALARM CONTRACTOR.
4. FACP SHALL PERFORM ALL REQUIRED INITIATION AND NOTIFICATION, AND MONITOR FLOW AND TAMPER SWITCHES AS REQUIRED. PROVIDE PANEL WITH DIGITAL DIALER FOR MONITORING.
5. COORDINATE LOCATION OF FACP WITH LOCAL AHJ.
6. PROVIDE SURGE PROTECTION FOR POWER CIRCUIT AND ALL CIRCUITS ENTERING BUILDING.
7. ALL NOTIFICATION APPLIANCES SHALL BE HAVE FIELD SELECTABLE CANDELA RATINGS AND HIGH AND LOW HORN OUTPUTS.
8. MINIMUM CONDUIT SIZE FOR FIRE ALARM SYSTEM SHALL BE 3/4".
9. REFER TO FIRE PROTECTION SHOP DRAWINGS FOR ACTUAL LOCATIONS OF ALL FLOW AND TAMPER SWITCHES, INCLUDING THOSE LOCATED OUTSIDE THE BUILDING. FIELD VERIFY LOCATIONS PRIOR TO ROUGHIN OF DEVICES. FOLLOW NEC FOR CONDUIT BURIAL DEPTH REQUIREMENTS.
10. ALL DEVICES INSTALLED IN WET OR DAMP LOCATIONS SHALL BE WEATHERPROOF. ALL WIRING IN THESE LOCATIONS SHALL BE LISTED FOR SUCH USE.
11. ALL INITIATING DEVICE CIRCUITS SHALL BE CLASS B, STYLE 4. ALL NOTIFICATION CIRCUITS SHALL BE CLASS B, STYLE 4.
12. FIRE ALARM CONTRACTOR SHALL SUBMIT OPERATIONS AND MAINTENANCE PROCEDURES, MANUALS, SYSTEM DOCUMENTS, INSTRUCTIONS TO OWNER'S PERSONNEL WITH PROJECT CLOSEOUT DOCUMENTS.

FIRE ALARM SYMBOLS

SD	PHOTOELECTRIC SMOKE DETECTOR.
F	STROBE DEVICE. MOUNT AT 80" AFF, UON.
F	HORN/STROBE DEVICE. MOUNT AT 80" AFF, UON.
F	MANUAL PULL STATION. MOUNT TOP OF DEVICE LESS THAN 46" AFF.
FACP	FIRE ALARM CONTROL PANEL
TS	TAMPER SWITCH
FS	FLOW SWITCH



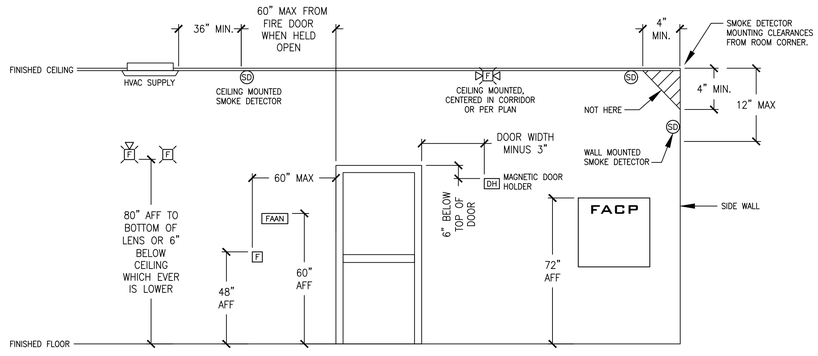
PARTIAL FIRE ALARM PLAN

SCALE: 1/4" = 1'-0"

N

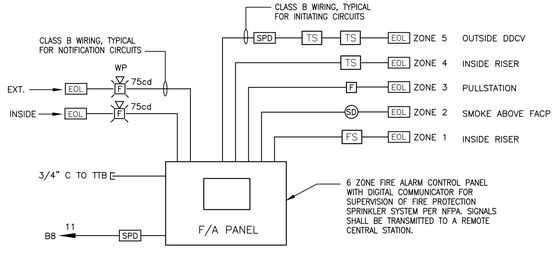
0 2' 4' 8' 12'

SCALE 1/4" = 1'-0"



FIRE ALARM DEVICE MOUNTING DETAIL

NTS



SUPERVISORY RISER DIAGRAM

NTS

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OWNER / PROJECT:

PLATINUM CELEBRATIONS

INTERIOR BUILDOUT

APOPKA, FLORIDA

PROFESSIONAL SEAL:

DAVID E. ALLEY, PE
PE #55008

PROJECT NO: PSA 2025-45.00

REVISIONS:

MARK	DATE	DESCRIPTION

ISSUE DATE: NOVEMBER 14, 2025

FIRE ALARM PLAN

E.4