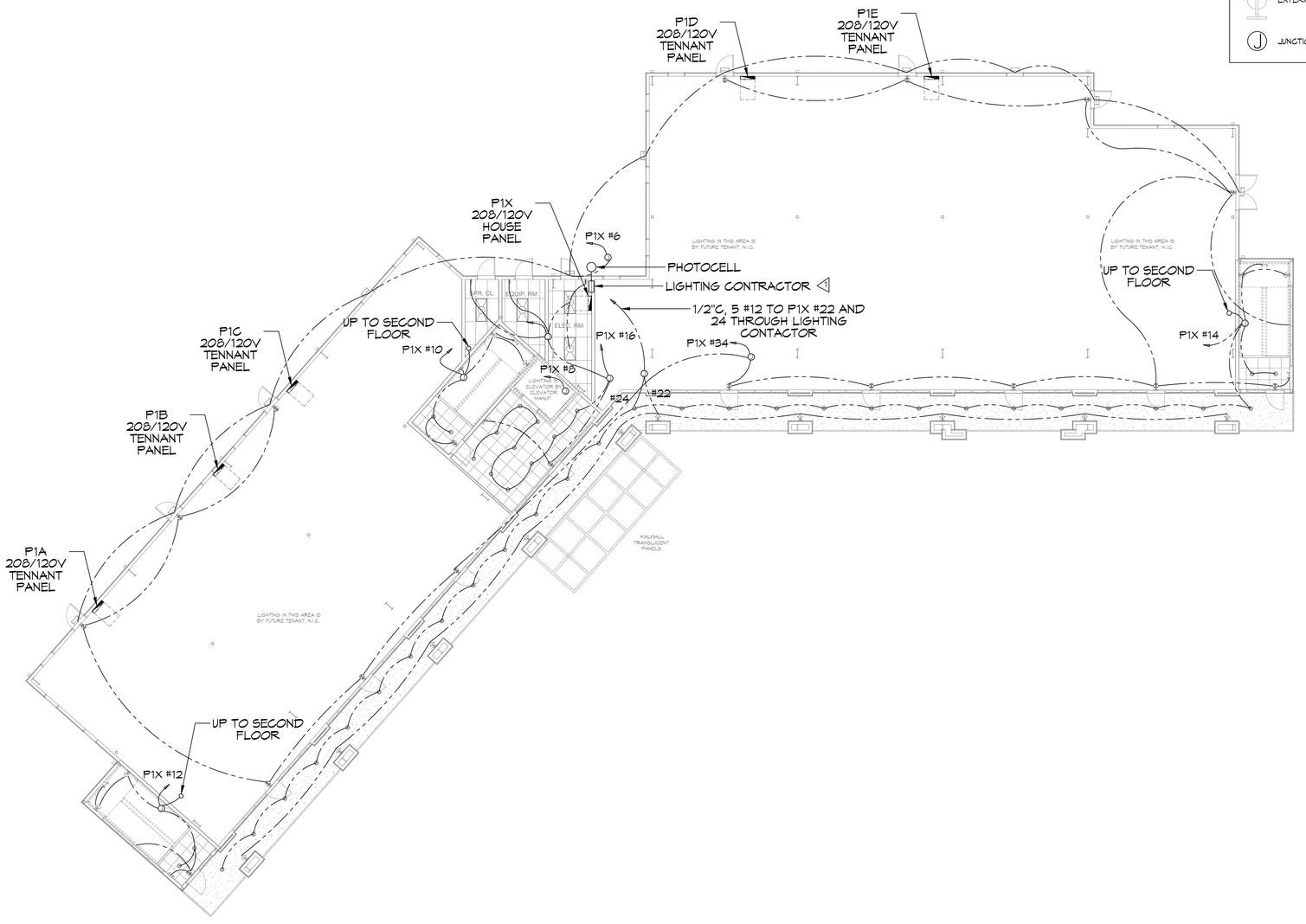
FILE NAME: J:_Office\Drawing Files\2024\Current Drawings\2403 - First Floor Electrical Lighting.dwg, PLOT DATE & TIME: Monday, January 6, 2025 8:43:48 AM



24 FIRST FLOOR LIGHTING PLAN
SCALE: 3/32"=1'-0"

LIGHTING LEGEND

- EXIT LIGHT FIXTURE - CEILING MOUNTED WITH 90 MINUTE BACKUP
- EMERGENCY LIGHT - WALL MOUNTED W/90 MINUTE BACKUP
- PHOTO CELL
- EXTERIOR WALL MOUNT LIGHT
- RECESSED CAN LIGHT
- EXTERIOR LIGHT
- JUNCTION BOX

GENERAL LIGHTING NOTES

1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE AND LOCATION OF DEVICES AND/OR FIXTURES.
4. WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
5. ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.
6. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
7. ALL CONDUCTORS SHALL BE COPPER.
8. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
9. MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
10. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
11. EACH DIMMER SWITCH SHALL HAVE A WATTAGE RATING 25% HIGHER THAN THE TOTAL WATTAGE OF AL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT AND LOW VOLTAGE DIMMERS SHALL BE LUTRON NOVA T-STAR.
12. ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
13. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73G.

THIS WORK SHALL MEET ALL ELECTRICAL CODES

1. 2020 NATIONAL ELECTRICAL CODE
2. NFPA 70
3. 2021 IECC ENERGY CODE

◁ MULTIPOLE LIGHTING CONTACTOR, 30A, MAGNETICALLY HELD SQUARE D CLASS 8903 TYPE L IN NEMA 1 ENCLOSURE WITH H-O-A SWITCH IN FRONT COVER. CONTROLLED BY PHOTOCELL.

LIGHT FIXTURE SCHEDULE

SYMBOL	TYPE	DESCRIPTION	LUMENS	WATTS
	RECESSED CAN	6" ROUND RECESSED CAN, LED 4000K LITHONIA #LDN6-40-15-LO6-WR-LD-TRW-MVOLT	1500	17.5
	TROFFER	LED 2' X 4' TROFFER TYPE 4000K LITHONIA #2GTL4 40L	4000	34.1
	INDOOR WALL SCONCE	LUMINOUS ACRYLIC WALL SCONCE WITH TWO VERTICAL TRIM BARS. COPER #673-16-W-LS/EZ7-UNV-ALP-2VTB	2000	20
	EMERGENCY	LED EMERGENCY BATTERY LIGHT LITHONIA #EXRGELM6		1
	EXIT	LED EXIT LIGHT BATTERY BACKUP LITHONIA #EXRGELM6		1
	PARKING LOT	LED POLE TOP LIGHT 4000K LITHONIA #RSX1LED P3 40K R4 MVOLT WITH 25' POLE	32000	266
	OUTDOOR WALL	LED OUTDOOR WALL PACK LITHONIA #WSTLED P2 40K VWM VOLT	3000	30
	OUTDOOR WALL SCONCE	PER ARCHITECT		

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#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

MIXED USE DEVELOPMENT

I-10 SOUTH SERVICE ROAD
METAIRIE LOUISIANA

JOB No:
DRAWN BY: CKD
DATE: 12-05-2024
CHECKED BY: CKD

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SHEET TITLE:
FIRST FLOOR LIGHTING PLAN

DRAWING NUMBER:
E102

SHEET No: 9 of # 15