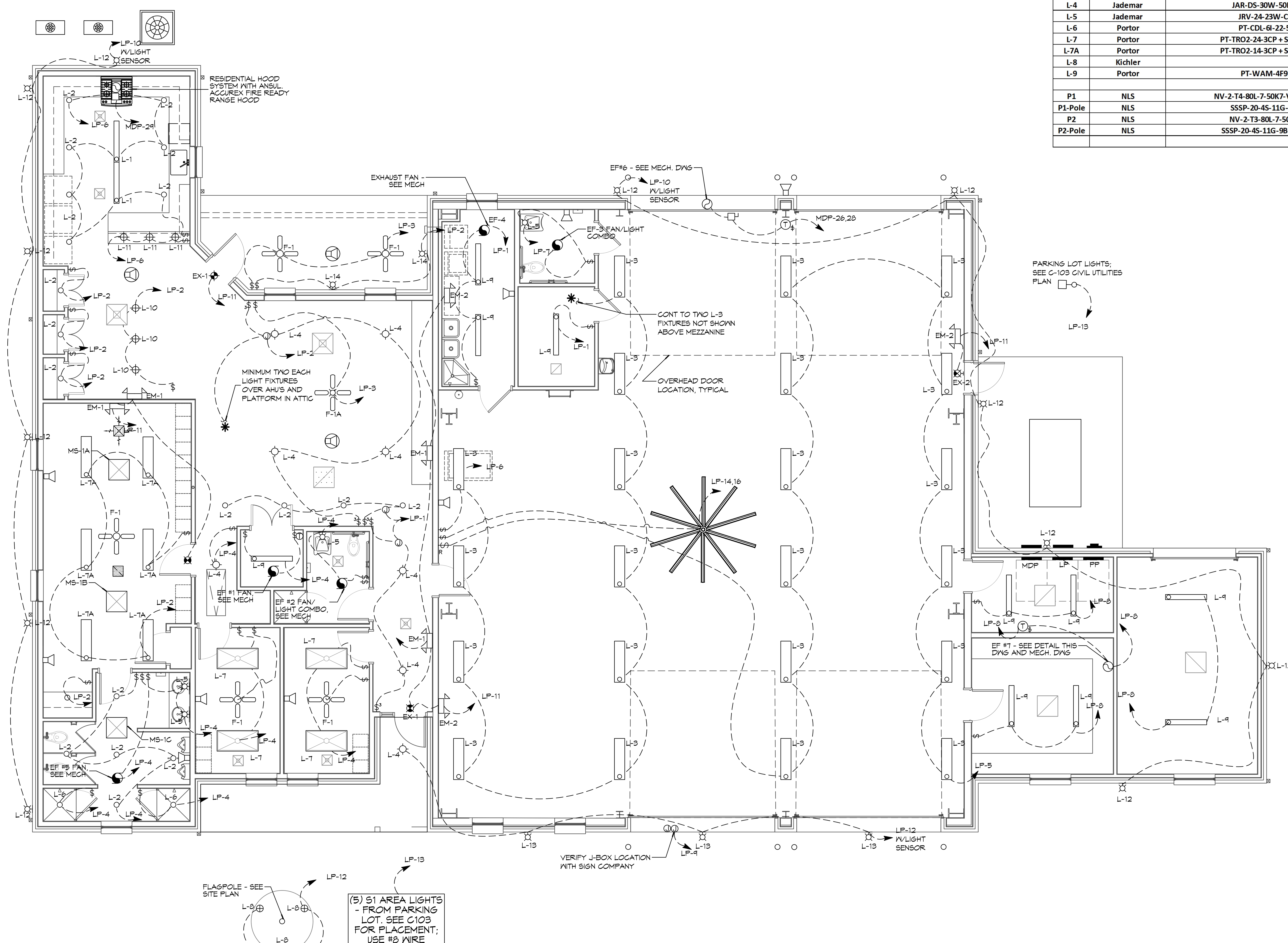
FILE NAME: J:\- Government\2519 - Fire Station #10\Drawings\Current Drawings\E102-Electrical Lighting Plan and Load Summary.dwg PLOT DATE & TIME: Friday, January 9, 2026 10:23:44 AM

Firestation #10	
St Tammany District #1	LIGHTING SCHEDULE

TYPE	FACTORY	BOM
EM-1	Light Alarms	RP
EM-2	Light Alarms	LCA-2RHL-D
EX-1	Light Alarms	6UE-RM-ID
EX-2	Light Alarms	QLXN500
F-1	AFX	MDXNLACSNSL
F-1A	AFX	MDXNLACSNSL-WS
L-1	Portor	PT-WAA-4F9I-3CP
L-10	Besa Lighting	1JT-412307-SN-L
L-11	Besa Lighting	1JT-440419-MED-SN-L
L-12	Portor	PT-WPC-HW-3CP
L-13	Barn Lighting	BLE-G-ASFC14-NA-G9-NA-NA-NA-NA-NA-LED16-3000K-DL
L-14	Jademar	JAR-DS-30W-50K-D-WG
L-2	Portor	PT-CDL-6I-22-5C3P-3
L-3	Litetronics	LHBP245 (Set @ 185)
L-4	Jademar	JAR-DS-30W-50K-D-WG
L-5	Jademar	JRV-24-23W-CPS-SN
L-6	Portor	PT-CDL-6I-22-5C3P-3
L-7	Portor	PT-TRO2-24-3CP + SMK-UNI-24
L-7A	Portor	PT-TRO2-14-3CP + SMK-UNI-14
L-8	Kichler	
L-9	Portor	PT-WAM-4F91-3CP
P1	NLS	NV-2-T4-80L-7-50K7-Voltage-DPS6
P1-Pole	NLS	SSSP-20-4S-11G-9BC-SGL
P2	NLS	NV-2-T3-80L-7-50K7-DPS6
P2-Pole	NLS	SSSP-20-4S-11G-9BC-SGL-3430



1 ELECTRICAL PLAN - LIGHTING
SCALE: 3/16" = 1'-0"

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. FIRE CAULK ALL PENETRATIONS.
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 SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
5. ALL CONDUCTORS SHALL BE #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. 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 WATTING 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 HAL LBE LUTRON NOVA T-STAR.
12. WHERE FLUORESCENT FIXTURES ARE SHOWN TO BE DIMMED, THE FIXTURES SHALL HAVE DIMMING TYPE BALLASTS WHICH ARE COMPATIBLE WITH THE SPECIFIED DIMMERS.
13. WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
14. ALL EMERGENCY LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
15. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73G.

LEGEND

- EMERGENCY LIGHT FIXTURE
- EXIT LIGHT FIXTURE - WALL MOUNTED
- EXIT LIGHT FIXTURE - CEILING MOUNTED
- CEILING FAN
- CLNG MTD FLUOR STRIP FIXTURE
- RECESSED CEILING LIGHT FIXTURE
- CLNG HUNG FLOUR STRIP FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CLNG MTD FLUOR FIXTURE
- OUTDOOR LIGHT ON PHOTO TIMER- MTD IN GROUND
- PENDANT LIGHT FIXTURE
- EXHAUST FAN - SEE MECH
- LP ELECTRIC PANEL BOARD
- CIRCUIT HOME RUN
- WALL MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED WALLS WHERE INDICATED
- CLNG MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED CEILING WHERE INDICATED
- EXTEND TO FIXTURE(S) NOT SHOWN - SEE NOTE
- $ LIGHT SWITCH 120V COMMERCIAL GRADE
- $³ LIGHT SWITCH - 3-WAY 120V COMMERCIAL GRADE
- $ᴰ LIGHT SWITCH - DIMMER 120V COMMERCIAL GRADE
- (T)$ PROVIDED BY MC.

ELECTRICAL LOAD SUMMARY

WASHINGTON/ST. TAMMANY POWER COMPANY

PROJECT NAME: FIRE DISTRICT #1 FIRE STATION 10
PROJECT ADDRESS: 2745 LAKESHORE VISTA BLVD
CITY/TOWN: SLIDELL, LOUISIANA
INTENDED USER: FIRE STATION

REQ SERV: 120 / 240 V 1Φ PHASE 3 WIRES
SERV ENTR SIZE: 400 AMPS
HVAC TONNAGE: 10.5 TONS
LARGEST MOTOR: N/A HP

(NOTE: MOTORS ABOVE 20HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE W/ 120/240V, 1Φ, 3W SERVICE)

TOTAL BUILDING SQ FT: 6526 SF
INDIVIDUAL UNIT SQUARE FOOTAGE: N/A SF (MULT OCCUPANCY)
INDIVUDUAL UNIT DESIGNATION: N/A (MULT OCCUPANCY)

LOAD SOURCE	1Φ-KVA	3Φ-KVA	OR	1Φ-KW	3Φ-KW
BUILDING LIGHTING	9.0	-			
ELECTRIC WATER HEATING	18.0	-			
HEAT PUMPS	-	-			
SUPPLEMENTAL HEAT SYSTEMS	-	-			
AIR COND CONDENSING UNITS	17.6	-			
ELEC HEATING (PRIMARY) - AHU's	27.8	-			
COOKING	12.2	-			
REFRIGERATION	3.3	-			
RECEPTACLES (STANDARD)	20.7	-			
RECEPTACLES (COMPUTER)	2.0	-			
TOTAL MOTORS (EXCLUDE HVAC)	12.2	-			
EXTERIOR LIGHTING	29.0	-			
MISCELLANEOUS - CEILING FANS	0.2	-			
OTHER (SPECIFY)	4.5	-			

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REVISIONS

#	DESCRIPTION	DATE
1	ADDENDUM 1	5-XX-2015

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NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No: 2519 DATE: 12-03-2025
DRAWN BY: CKD CHECKED BY: BAM

SHEET TITLE:
ELECTRICAL PLAN - LIGHTING AND LOAD SUMMARY

DRAWING NUMBER:
E102

SHEET No: 36 of 37