



24 FIRST FLOOR LIGHTING PLAN
SCALE: 3/32"=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.
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 INCLUDING 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 ALL 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 410.106.

THIS WORK SHALL MEET ALL ELECTRICAL CODES

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

▲ MULTIPOLE LIGHTING CONTRACTOR, 30A, MAGNETICALLY HELD SQUARE D CLASS 2400 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-L06-WR-LD-TRW-4MVOLT	1500	17.5
□	TROFFER	LED 2' X 4' TROFFER TYPE 4000K LITHONIA #2GTLL440L	4000	34.1
◇	INDOOR WALL SCIENCE	LUMINOUS ACRYLIC WALL SCIENCE WITH TWO VERTICAL TRIM BARS. COPER #673-16-W-L3/827-UNV-ALP-2VTB	2000	20
⊞	EMERGENCY	LED EMERGENCY BATTERY LIGHT LITHONIA #EXR6ELM6		1
⊞	EXIT	LED EXIT LIGHT BATTERY BACKUP LITHONIA #EXR6ELM6		1
⊞	PARKING LOT	LED POLE TOP LIGHT 4000K LITHONIA #RSX3LEDP340KRAMVOLT WITH 25' POLE	32000	266
⊞	OUTDOOR WALL	LED OUTDOOR WALL PACK LITHONIA #WSTLEDP240KVMMVOLT	3000	30
⊞	OUTDOOR WALL SCIENCE	PER ARCHITECT		

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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REVISIONS	DATE	DESCRIPTION

SEAL:

DEVELOPMENT

1-10 SOUTH SERVICE ROAD
METAIRIE, LOUISIANA

JOB No: _____
DATE: 01-16-2025
DRAWN BY: CKD
CHECKED BY: RJK

SHEET TITLE:
FIRST FLOOR LIGHTING PLAN

DRAWING NUMBER:
E102

SHEET No: _____ of 15

FILE NAME: \\s:\projects\2024\11-10 South Service Road\11-10 South Service Road.dwg - Panel Schedules - 11-10-2024 10:30:30

PANEL SCHEDULE														
PANEL: PIX		LOCATION: ELECTRICAL ROOM		FEEDER SOURCE: METER CENTER		VOLTAGE: 208/120V, 200A, 3Ø, 4W / 200A MAIN BREAKER		ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE		GO LOAD CENTER		AIC = 42,000		
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	AD	BP	CP	LOAD (VA)	BREAKER POLE	AMP	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
1	#12	RECEPT. SFR. CL.	20	1	150				2000	2	30	PARKING LOT LIGHTS	#10	4
3	#12	RECEPT. EQUIP. RM.	20	1	150				300	1	20	EXTERIOR LIGHTING, REAR	#12	6
5	#12	RECEPT. ELEG. RM.	20	1	150				500	1	20	ELEVATOR LIGHTS	#12	8
7	#12	RECEPT. ELEVATOR PIT	20	1	150				100	1	20	LIGHTS, CENTER STAIRWELL	#12	10
11	#12	RECEPT. LOBBY, SECOND FLOOR	20	1	150				100	1	20	LIGHTS, EAST STAIRWELL	#12	12
13	#12	RECEPT. LOBBY, THIRD FLOOR	20	1	150				100	1	20	LIGHTS, WEST STAIRWELL	#12	14
15	#12	RECEPT. EXTERIOR, GU WEST	20	1	150				200	1	20	LIGHTS, FIRST FLOOR LOBBY AND EQUIPMENT ROOMS	#12	16
17	#12	RECEPT. EXTERIOR, GU CENTER	20	1	150				1	20	LIGHTS, SECOND FLOOR LOBBY	#12	18	
19	#12	RECEPT. EXTERIOR, GU EAST	20	1	150				1	20	LIGHTS, THIRD FLOOR LOBBY	#12	20	
21	SPARE		20						1	20	LIGHTS, COLUMNS FRONT PORCH FIRST FLOOR	#12	22	
23	SPARE		20						1	20	RECESSED LIGHTS, FRONT PORCH FIRST FLOOR	#12	24	
25	SPARE		20						1	20	LIGHTS, COLUMNS FRONT PORCH SECOND FLOOR	#12	26	
27	SPARE		20						1	20	RECESSED LIGHTS, FRONT PORCH SECOND FLOOR	#12	28	
29	SPARE		20						1	20	LIGHTS, FRONT PORCH THIRD FLOOR WEST END	#12	30	
31	SPACE								1	20	LIGHTS, FRONT PORCH THIRD FLOOR, WEST END	#12	32	
33	SPACE								100	1	20	EXT. LIGHTS FIRST FLOOR TENNANTS	#12	34
35	SPACE											SPACE		36
37					4000									38
39					4000									40
41	#6	ELEVATOR	60	3	4000					3	30	SURGE PROTECTIVE DEVICE	#10	42

UPDATE PANEL SCHEDULES "P1X SECTION 1"

SOLID NEUTRAL NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) = 22410

GROUND BUS GROUND WIRE (G)

AD = 8520 BP = 8910 CP = 5560

HOUSE PANEL "P1X"

PANEL SCHEDULE														
PANEL: TYPICAL 200A TENNANT PANEL		LOCATION: ELECTRICAL ROOM		FEEDER SOURCE: METER CENTER		VOLTAGE: 208/120V, 200A, 3Ø, 4W / 200A MAIN BREAKER		ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE		GO LOAD CENTER		AIC = 42,000		
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	AD	BP	CP	LOAD (VA)	BREAKER POLE	AMP	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
1	#12	MINI SPLIT	20	2	1600				180	1	20	DUPLEX RECEPT AT PANEL	#12	2
3					1600					1	20	SPARE		4
5										1	20	SPARE		6
7										1	20	SPARE		8
9										1	20	SPARE		10
11										1	20	SPARE		12
13										1	20	SPARE		14
15										1	20	SPARE		16
17										1	20	SPARE		18
19										1	20	SPARE		20
21										1	20	SPARE		22
23										1	20	SPARE		24
25										1	20	SPARE		26
27										1	20	SPARE		28
29										1	20	SPARE		30
31												SPACE		32
33												SPACE		34
35												SPACE		36
37												SPACE		38
39										3	30	SURGE PROTECTIVE DEVICE	#10	40
41												SPACE		42

UPDATE PANEL SCHEDULES "P1X SECTION 2"

SOLID NEUTRAL NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) =

GROUND BUS GROUND WIRE (G)

AD = BP = CP =

200A TENNANT PANEL TYPICAL FOR PANELS "P1A, P1B, P1C, P1D, P2A, P2B, P2C, P2D, P2E, P2F AND P2G"

PANEL SCHEDULE														
PANEL: P1E		LOCATION: UNIT IE		FEEDER SOURCE: METER CENTER		VOLTAGE: 208/120V, 400A, 3Ø, 4W / 400A MAIN BREAKER		ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D I-LINE		PANELBOARD		AIC = 42,000		
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	AD	BP	CP	LOAD (VA)	BREAKER POLE	AMP	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
1	#12	MINI SPLIT	20	2	1600				180	1	20	DUPLEX RECEPT AT PANEL	#12	2
3					1600					1	20	SPARE		4
5	#12	MINI SPLIT	20	2	1600					1	20	SPARE		6
7					1600					1	20	SPARE		8
9										1	20	SPARE		10
11										1	20	SPARE		12
13										20		SPARE		14
15										20		SPARE		16
17										20		SPARE		18
19										20		SPARE		20
21										20		SPARE		22
23										20		SPARE		24
25										20		SPARE		26
27										20		SPARE		28
29										20		SPARE		30
31												SPACE		32
33												SPACE		34
35												SPACE		36
37												SPACE		38
39										3	30	SURGE PROTECTION DEVICE	#10	40
41												SPACE		42

UPDATE PANEL SCHEDULES 200A TENNANT PANELS

SOLID NEUTRAL NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) =

GROUND BUS GROUND WIRE (G)

AD = BP = CP =

400A TENNANT PANEL "P1E"

PANEL SCHEDULE														
PANEL: P3A		LOCATION: UNIT IE		FEEDER SOURCE: METER CENTER		VOLTAGE: 208/120V, 400A, 3Ø, 4W / 600A MAIN BREAKER		ENCLOSURE: SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D I-LINE		PANELBOARD		AIC = 42,000		
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	AD	BP	CP	LOAD (VA)	BREAKER POLE	AMP	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
1	#12	MINI SPLIT	20	2	1600				180	1	20	DUPLEX RECEPT AT PANEL	#12	2
3					1600					1	20	SPARE		4
5	#12	MINI SPLIT	20	2	1600					1	20	SPARE		6
7					1600					1	20	SPARE		8
9										1	20	SPARE		10
11										1	20	SPARE		12
13										1	20	SPARE		14
15										1	20	SPARE		16
17										1	20	SPARE		18
19										1	20	SPARE		20
21										1	20	SPARE		22
23										1	20	SPARE		24
25										1	20	SPARE		26
27										1	20	SPARE		28
29										1	20	SPARE		30
31												SPACE		32
33												SPACE		34
35												SPACE		36
37												SPACE		38
39										3	30	SURGE PROTECTIVE DEVICE	#10	40
41												SPACE		42

UPDATE PANEL SCHEDULES 400A TENNANT "P1E"

SOLID NEUTRAL NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (VA) =

GROUND BUS GROUND WIRE (G)

AD = BP = CP =

600A TENNANT PANEL "P3A"

NOTE: This inquiry is NOT an application for service. It is a request for information only.
To Apply For Service: Call 1-800-368-3749

ELECTRIC SERVICE INQUIRY

RETURN TO: ENTERGY
CUSTOMER INFORMATION:
Name: 4648, LLC
Address: 2901 Richland Ave., Metairie, LA 70002
P.O. Box:
Street: 2901 Richland Ave
City: Metairie, State: LA, ZIP: 70002
Contact: Hiren Shah, Voice Phone: (504) 259-4036, FAX: ()
City: Metairie, State: LA, ZIP: 70002

SERVICE LOCATION: (Attach applicable maps or prints such as site, utility plan, etc.)
Lot or Tract: Lots 3-81 and 3-82 and a portion of Line St. Right of Way into Lot 3-B-X Clearview Estates, Sect A
Street: I-10 S. Service Road, City: Metairie, State: LA, ZIP: 70001

SERVICE DETAILS: (check one response for items 1 through 3):
1. New customer or Increased load w/ Acct# or Existing Building Turn-On
2. Requesting: Overhead Service Underground Service
3. Has point of service (metering location) been approved by ENTERGY? Yes No

REQUESTED IN-SERVICE DATES: temporary _____ permanent _____

PROPOSED BUILDING CLASSIFICATION:
SIC Code: _____ (or, check one of the following):
 residential office restaurant/bar retail grocery warehouse school university hospital hotel/motel
 mobile home nursing home misc. non-manufacturing building misc. non-manufacturing (no building) misc. manufacturing

LOAD SUMMARY:
Phase/Voltage: 1Ø-120/240 3Ø-120/240 3Ø-120/208 3Ø-277/480 ** Other _____

	Single Ø	Three Ø	Comments
Square Footage	30526	Sq/FT.	
Lights		53	KW
Cooking		85	KW
Heating		205	KW
A/C (heat pump)		170	KW
Refrigeration		26	KW
Water Heating		77	KW
Motors			HP
Motors			HP
Receptacles		70	KW
Miscellaneous		214	KW
Total Connected		900	KW
Existing Peak Load			KW
Total Diversified		650	KW

Largest Motor: 20HP (Elevator) HP: 1Ø 3Ø Motor HP Code No. _____
Locked Rotor Current: 321 Amps. Motor Duty: _____ hrs./day continuous intermittent

All-electric facility? yes no Computer equipment? yes no
Number & Size of Wires in Risers or Wires in Switchgear Being Run by Electrician: No. _____ Size: _____
Submitted by: Danny Brown Title: Project Manager, McMath Construction
Date: 11/21/2024 Phone No.: 985-960-0807 Alt. No.: 985-624-9010 Rev: 4/14/14

UPDATE PANEL SCHEDULES 600A TENNANT "P3A"

SEE ATTACHED AUTOCAD FILE

DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Misch, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 info@dammoneengineering.com
 PH: 985-649-5832

REVISIONS
 # DESCRIPTION
 DATE

SEAL:

DEVELOPMENT

DATE: 01-16-2025
 JOB NO: _____
 DRAWN BY: CKD
 CHECKED BY: RJK

SHEET TITLE:
 ELECTRICAL PANEL SCHEDULES

DRAWING NUMBER:
E108

SHEET No:

14 of 15

