SITE LIGHTING

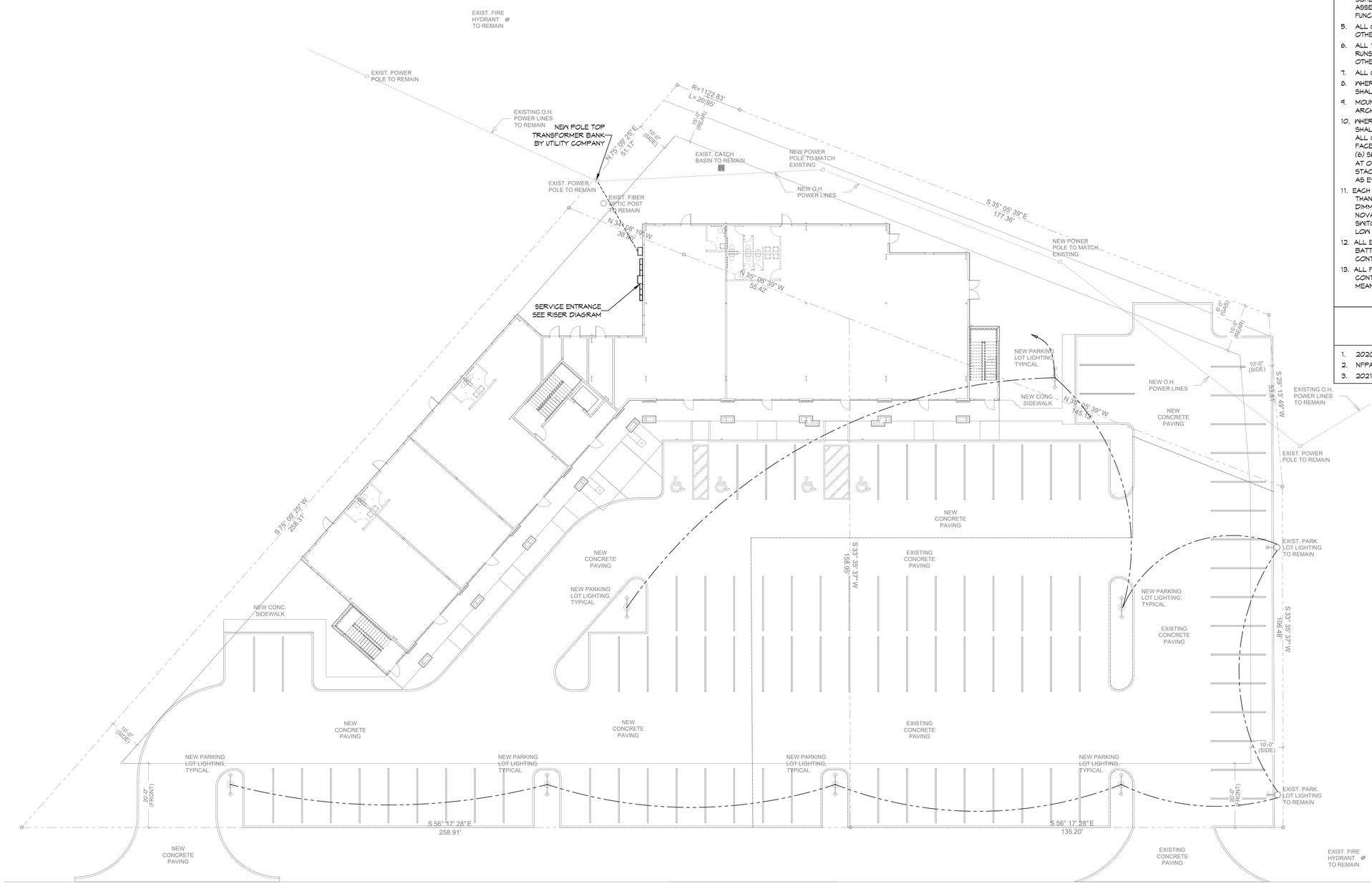
EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE BE CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.

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



SOUTH I-10 SERVICE ROAD

17 SITE LIGHTING PLAN
SCALE: 1/16"=1'-0"

DAMMON ENGINEERING, INC.
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REVISIONS

#	DESCRIPTION	DATE

SEAL:

STATE OF LOUISIANA
RICKEY D. CRAWTHER, JR.
LICENSE NO. 37664
PROFESSIONAL ENGINEER

01/29/2025

MIXED USE DEVELOPMENT

I-10 SOUTH SERVICE ROAD
METAIRIE LOUISIANA

JOB No:
DATE: 01-27-2025
DRAWN BY: GKD
CHECKED BY: RJK

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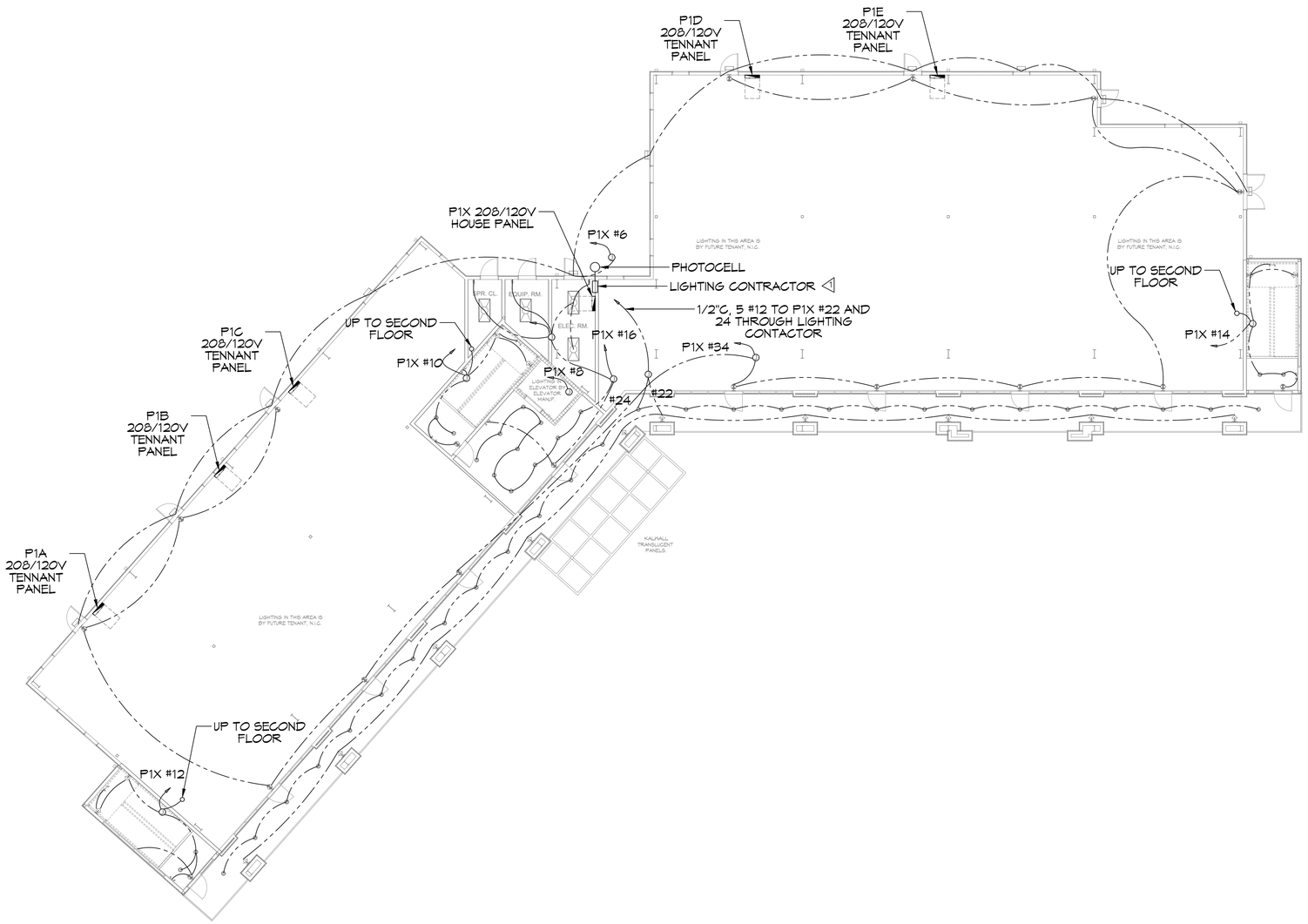
SHEET TITLE:
SITE LIGHTING PLAN

DRAWING NUMBER:
E101

SHEET No: 7 of 15



18 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 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.
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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-L06-WR-LD-TRW-MVOLT	1500	17.5
	TROFFER	LED 2' X 4' TROFFER TYPE 4000K LITHONIA #2GTL440L	4000	34.1
	INDOOR WALL SCONCE	LUMINOUS ACRYLIC WALL SCONCE WITH TWO VERTICAL TRIM BARS. COPER #673-16-W-L3/827-UNV-ALP-2VTB	2000	20
	EMERGENCY	LED EMERGENCY BATTERY LIGHT LITHONIA #EXRGELM6		1
	EXIT	LED EXIT LIGHT BATTERY BACKUP LITHONIA #EXR6ELM6		1
	PARKING LOT	LED POLE TOP LIGHT 4000K LITHONIA #RSX3LEDP340KR4MVOLT WITH 25' POLE	32000	266
	OUTDOOR WALL	LED OUTDOOR WALL PACK LITHONIA #WSTLEDP240KVWMVOLT	3000	30
	OUTDOOR WALL SCONCE	PER ARCHTECT		

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

STATE OF LOUISIANA
RICKEY D. KRAMER JR
LICENSE NO. 37664
PROFESSIONAL ENGINEER

01/29/2025

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MIXED USE DEVELOPMENT

I-10 SOUTH SERVICE ROAD
METAIRIE LOUISIANA

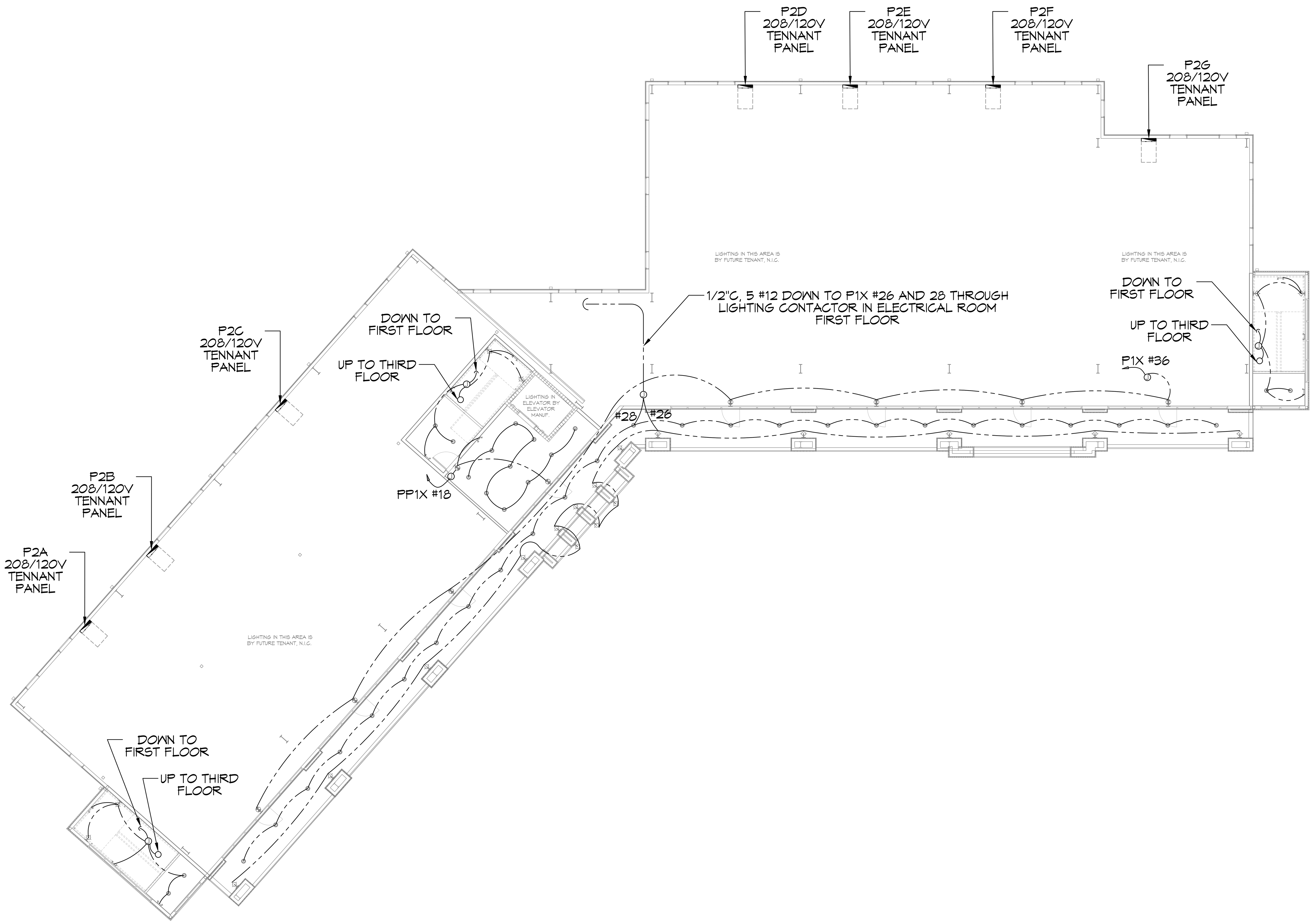
JOB No:	
DATE:	01-27-2025
DRAWN BY:	GAD
CHECKED BY:	RJK

SHEET TITLE:
FIRST FLOOR LIGHTING PLAN

DRAWING NUMBER:
E102

SHEET No: 8 of 15

FILE NAME: J:\~ Offices\Donny Brown SHAH\Current Drawings\E103 - Second Floor Electrical Lighting.dwg PLOT DATE & TIME: Monday, January 27, 2025 12:26:49 PM



19 SECOND FLOOR LIGHTING PLAN

SCALE: 3/32"=1'-0"

DAMMON ENGINEERING, INC.
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REVISIONS

#	DESCRIPTION	DATE

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STATE OF LOUISIANA
RICKEY JOHN KASTNER, JR.
License No. 37664
PROFESSIONAL ENGINEER
01/29/2025

MIXED USE DEVELOPMENT

I-10 SOUTH SERVICE ROAD
METAIRIE LOUISIANA

JOB No: | DATE: 01-27-2025
DRAWN BY: CKD | CHECKED BY: RJK

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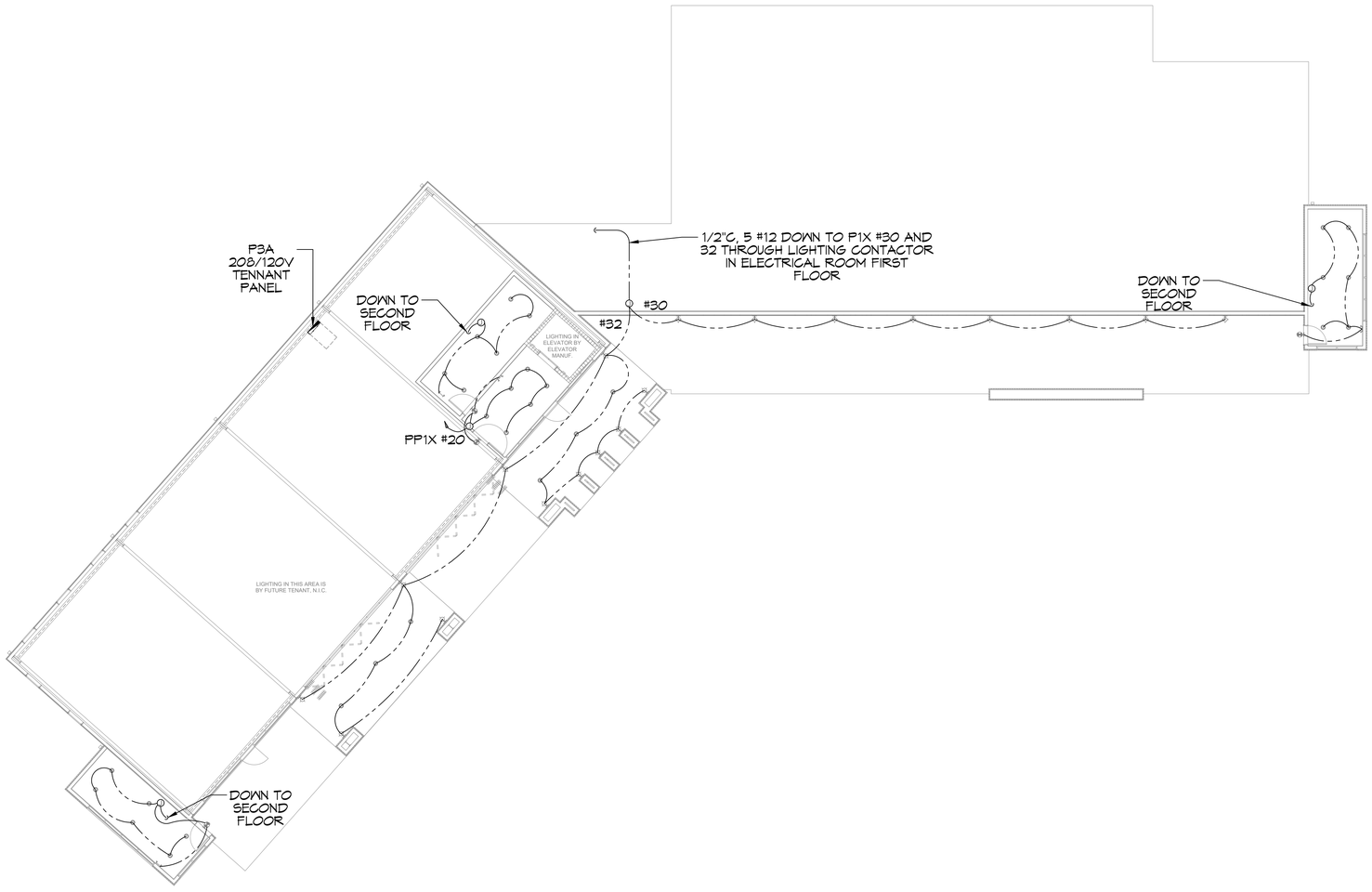
SHEET TITLE:
SECOND FLOOR LIGHTING PLAN

DRAWING NUMBER:
E103

SHEET No: 9 of 15



20 THIRD FLOOR LIGHTING PLAN

SCALE: 3/32"=1'-0"

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LOUISIANA & MISSISSIPPI

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#	DESCRIPTION	DATE

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RICKEY D. DAMMON JR
No. 37664
PROFESSIONAL ENGINEER

01/29/2025

MIXED USE DEVELOPMENT

I-10 SOUTH SERVICE ROAD
METAIRIE LOUISIANA

JOB No:
DRAWN BY: CKD
DATE: 01-27-2025
CHECKED BY: RJK

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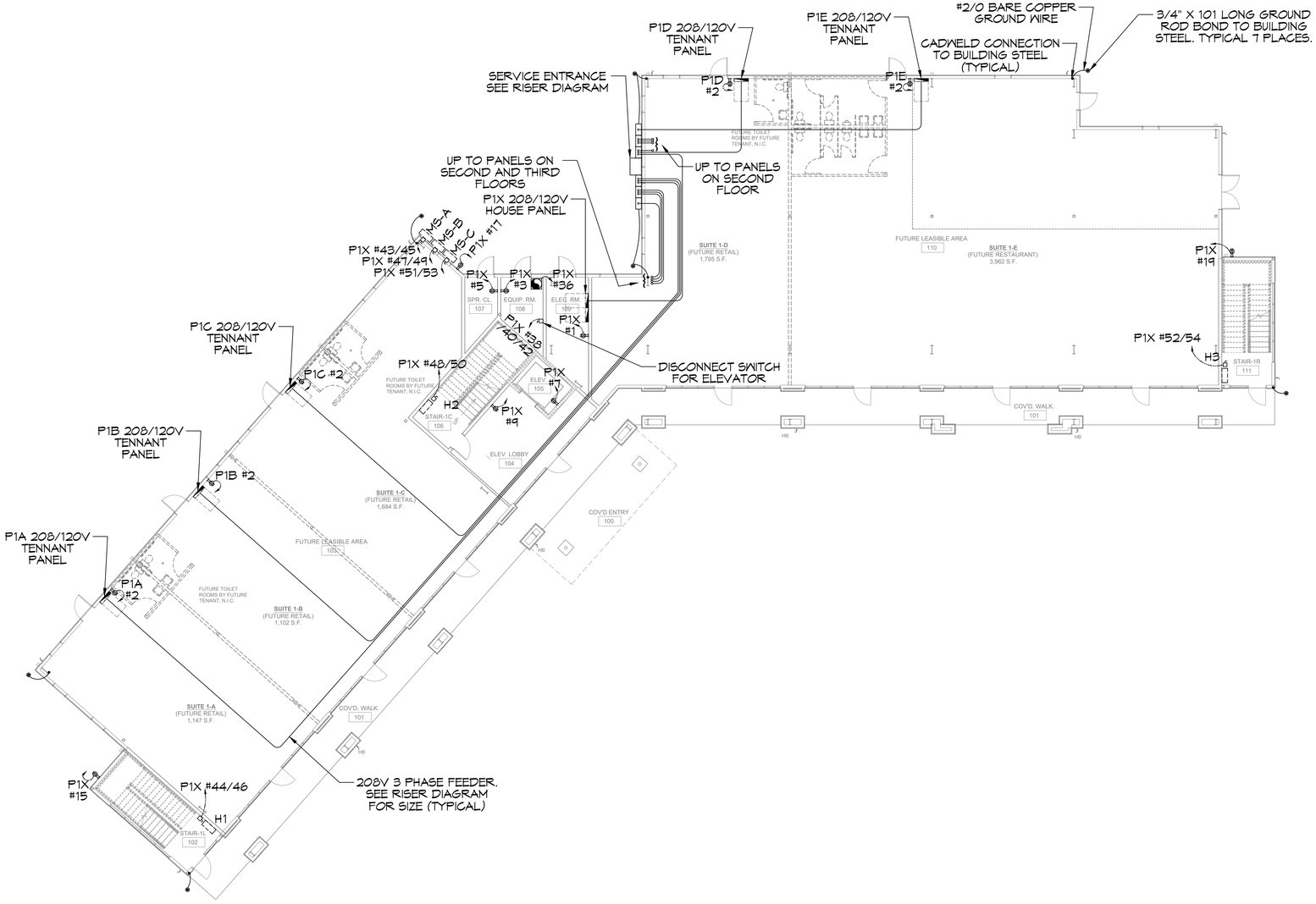
SHEET TITLE:
THIRD FLOOR LIGHTING PLAN

DRAWING NUMBER:
E104

SHEET No: 10 of 15



21 FIRST FLOOR POWER PLAN

SCALE: 3/32"=1'-0"

POWER LEGEND

SYMB	
	STANDARD 120V DUPLEX RECEPTACLE, 18" AFF (UNLESS OTHERWISE NOTED)
	GFCI DUPLEX RECEPTACLE
WP GFI	WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
	FUSED DISCONNECT, FUSE PER MANUFACTURERS RECOMMENDATIONS.
	EXHAUST FAN

GENERAL POWER NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
9. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
10. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION.
11. MINIMUM SIZE CONDUIT SHALL BE ¾" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE. ¾" SCHEDULE 80 PVC FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC FOR EXTERIOR USE BELOW GRADE, BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS AND 36" IN VEHICULAR TRAFFIC AREAS. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION AND ALL ASSEMBLY OCCUPANCIES. USE NMC IN WOOD CONSTRUCTION. CONTRACTOR SHALL INSTALL WIRING, CIRCUIT BREAKERS AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
12. 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.
13. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF. ALL RECEPTACLES IN THE WAITING AREA SHALL HAVE BE TAMPER PROOF.
14. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-63, NFPR 250-23, 250-71 & 250-72.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
16. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
18. EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
19. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
20. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
21. ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS SHALL PROVIDE AN EFFECTIVE GROUND-FAULT CURRENT PATH BY INSTALLATION IN A METAL RACEWAY SYSTEM OR A MEDICAL GRADE MC CABLE (NEC ART. 517.13(A & B)).

THIS WORK SHALL MEET ALL ELECTRICAL CODES

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

DAMMON ENGINEERING, INC.
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Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

SEAL:

STATE OF LOUISIANA — RICKEY N. CRAWFORD JR — LICENSE NO. 37664 — PROFESSIONAL ENGINEER

01/29/2025

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MIXED USE DEVELOPMENT

I-10 SOUTH SERVICE ROAD
METAIRIE, LOUISIANA

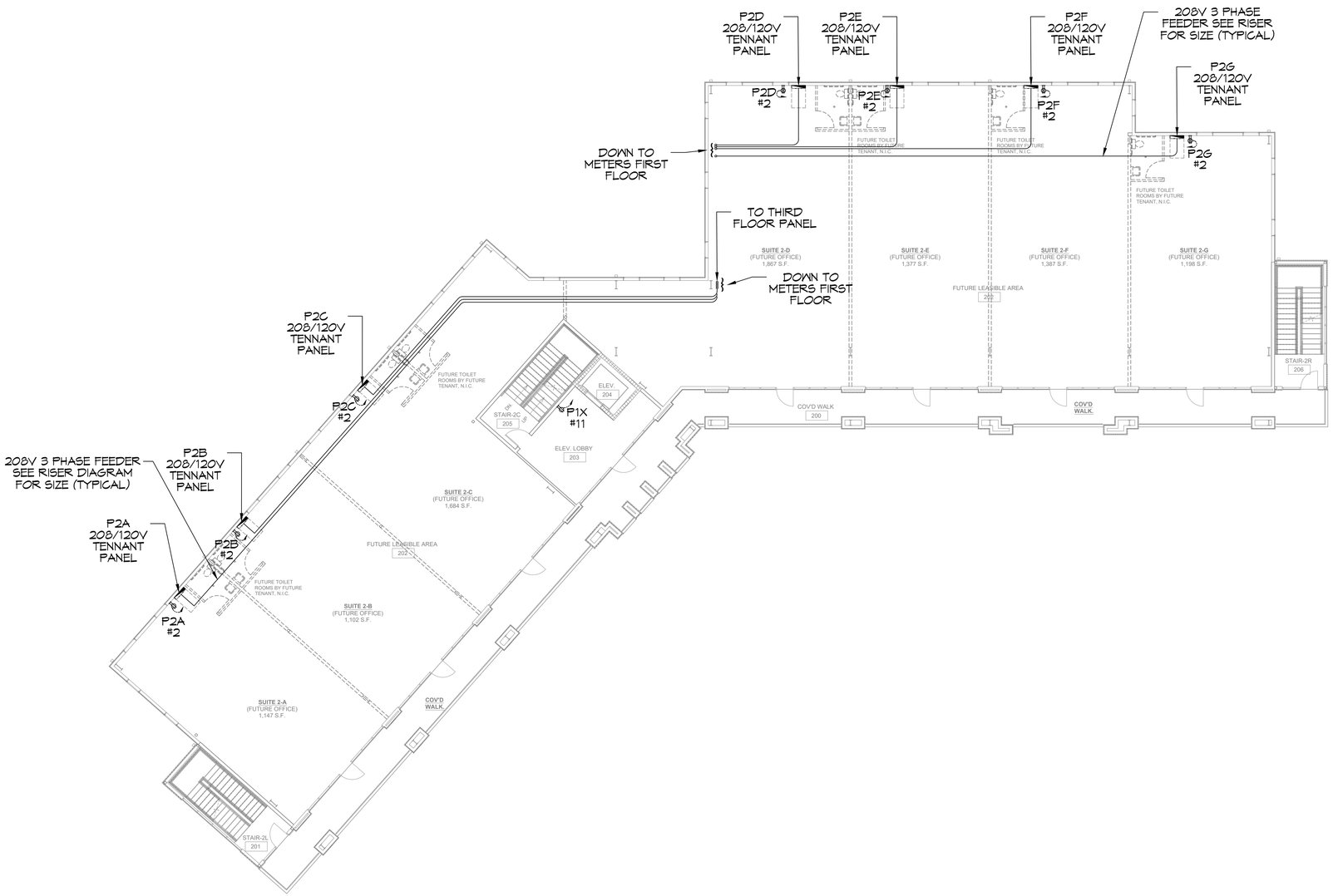
DATE:	01-27-2025
CHECKED BY:	RJK
JOB No:	
DRAWN BY:	CKD

SHEET TITLE:
FIRST FLOOR POWER PLAN

DRAWING NUMBER:

E105

SHEET No: 11 of 15



22 SECOND FLOOR POWER PLAN

SCALE: 3/32"=1'-0"

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

STATE OF LOUISIANA
RICKEY D. DAMMON JR
No. 37664
PROFESSIONAL ENGINEER

01/29/2025

MIXED USE DEVELOPMENT

I-10 SOUTH SERVICE ROAD
METAIRIE LOUISIANA

JOB No:
DATE: 01-27-2025
DRAWN BY: CKD
CHECKED BY: RJK

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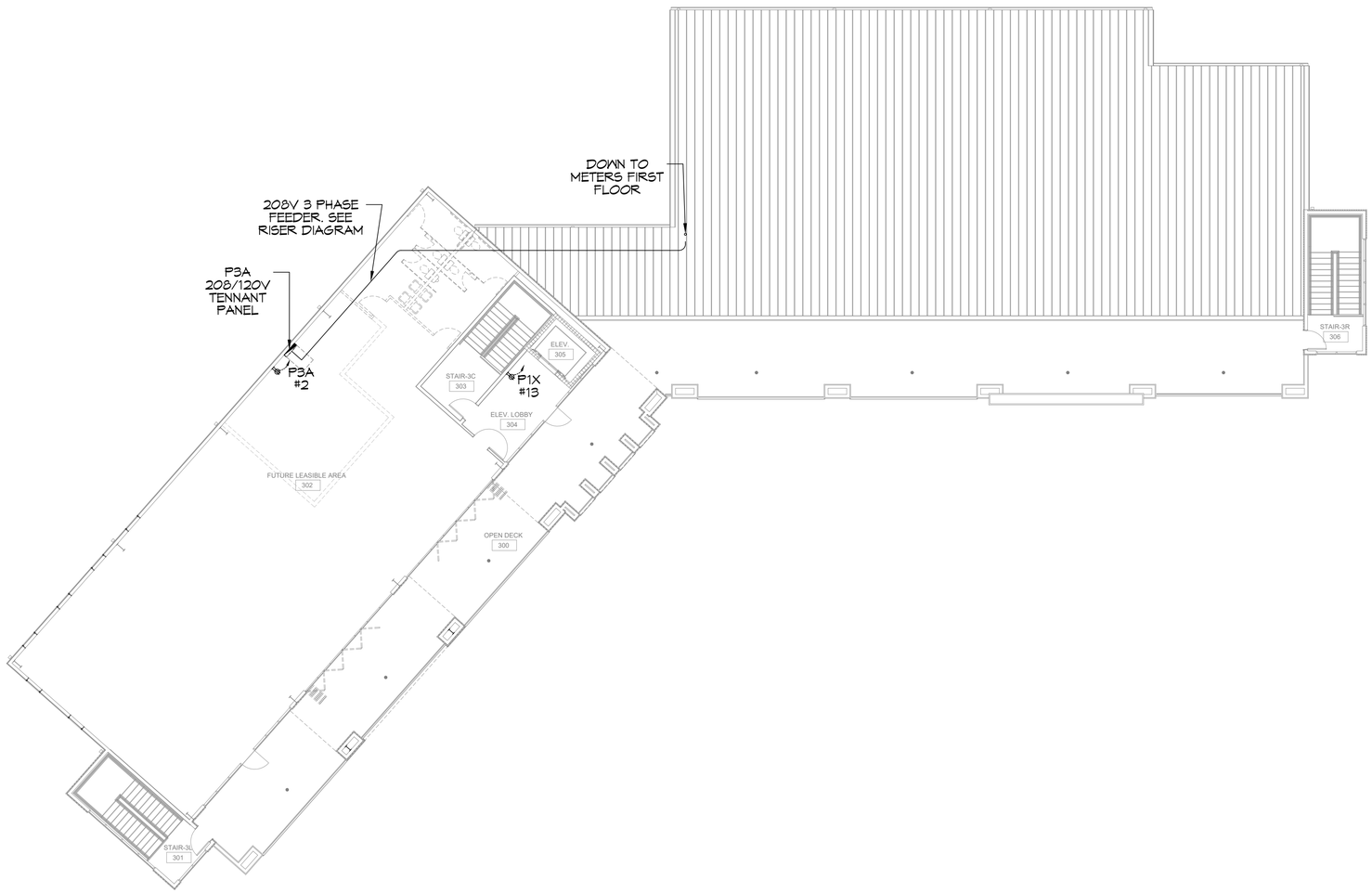
SHEET TITLE:
SECOND FLOOR POWER PLAN

DRAWING NUMBER:
E106

SHEET No: 12 of 15



23 THIRD FLOOR POWER PLAN

SCALE: 3/32"=1'-0"

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

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RICKEY N. CROTHER JR
LIC. NO. 37664
PROFESSIONAL ENGINEER

01/29/2025

MIXED USE DEVELOPMENT

I-10 SOUTH SERVICE ROAD
METAIRIE LOUISIANA

JOB No:
DATE: 01-27-2025
DRAWN BY: CAD
CHECKED BY: RJK

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SHEET TITLE:
THIRD FLOOR POWER PLAN

DRAWING NUMBER:
E107

SHEET No: 13 of 15

FILE NAME: J:\ - Offices\Danny Brown SHAH\Current Drawings\E108 - Panel Sched Riser.dwg PLOT DATE & TIME: Monday, January 27, 2025 1:05:03 PM

PANEL SCHEDULE

PANEL: P1X SECTION 1
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: METER CENTER
VOLTAGE: 208/120V, 200A, 3Φ, 4W W / 200A MAIN BREAKER
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER
AIC = 42,000

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1	#12	RECEPT. SPR. CL.	20	1	180	2000	2	30	PARKING LOT LIGHTING	#10	2
3	#12	RECEPT. EQUIP. RM	20	1	180	2000					4
5	#12	RECEPT. ELEC. RM.	20	1	180	300	1	20	EXTERIOR LIGHTING, REAR	#12	6
7	#12	RECEPT. ELEVATOR PIT	20	1	180	500	1	20	ELEVATOR LIGHTS	#12	8
9	#12	RECEPT. LOBBY, FIRST FLOOR	20	1	180	100	1	20	LIGHTS, CENTER STARIWELL	#12	10
11	#12	RECEPT. LOBBY, SECOND FLOOR	20	1	180	100	1	20	LIGHTS, EAST STARIWELL	#12	12
13	#12	RECEPT. LOBBY, THIRD FLOOR	20	1	180	100	1	20	LIGHTS, WEST STARIWELL	#12	14
15	#12	RECEPT. EXTERIOR, CU WEST	20	1	180	200	1	20	LIGHTS, FIRST FLOOR LOBBY AND EQUIPMENT ROOMS	#12	16
17	#12	RECEPT. EXTERIOR, CU CENTER	20	1	180	100	1	20	LIGHTS, SECOND FLOOR LOBBY	#12	18
19	#12	RECEPT. EXTERIOR, CU EAST	20	1	180	100	1	20	LIGHTS, THIRD FLOOR LOBBY	#12	20
21		SPARE	20	1		1000	1	20	LIGHTS, COLUMNS FRONT PORCH FIRST FLOOR	#12	22
23		SPARE	20	1		270	1	20	RECESSED LIGHTS, FRONT PORCH FIRST FLOOR	#12	24
25		SPARE	20	1		1000	1	20	LIGHTS, COLUMNS FRONT PORCH SECOND FLOOR	#12	26
27		SPARE	20	1		270	1	20	RECESSED LIGHTS, FRONT PORCH SECOND FLOOR	#12	28
29		SPARE	20	1		270	1	20	LIGHTS, FRONT PORCH THIRD FLOOR WEST END	#12	30
31		SPARE	20	1		100	1	20	LIGHTS, FRONT PORCH THIRD FLOOR, WEST END	#12	32
33		SPARE	20	1		100	1	20	EXIT LIGHTS FIRST FLOOR TENNANTS	#12	34
35		SPARE	20	1		50	1	20	EXHAUST FAN EF-1	#12	36
37					4000						38
39	#6	ELEVATOR	60	3	4000		3	30	SURGE PROTECTIVE DEVICE	#10	40
41					4000						42

SOLID NEUTRAL
NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) = 39190
AΦ = 14320 BΦ = 14110 CΦ = 11360
GROUND BUS
GROUND WIRE (G)

HOUSE PANEL "P1X-SECTION 1"

PANEL SCHEDULE

PANEL: P1X SECTION 2
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: SUB FEED FROM "P1X SECTION 1"
VOLTAGE: 208/120V, 200A, 3 , 4W 2 / MAIN LUGS
ENCLOSURE: SURFACE MOUNT W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER
AIC = 42,000

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
43	#12	MINI SPLIT MS-1	20	2	1600	1300	2	20	HEATER H-1 EAST STAIRWELL	#12	44
45					1600	1300					46
47	#12	MINI SPLIT MS-2	20	2	1600	1300	2	20	HEATER H3 CENTER STAIRWELL	#12	48
49					1600	1300					50
51	#12	MINI SPLIT MS-3	20	2	1600	1300	2	20	HEATER H-3 WEST STAIRWELL	#12	52
53					1600	1300					54
55		SPACE							SPACE		56
57		SPACE							SPACE		58
59		SPACE							SPACE		60
61		SPACE							SPACE		62
63		SPACE							SPACE		64
65		SPACE							SPACE		66
67		SPACE							SPACE		68
69		SPACE							SPACE		70
71		SPACE							SPACE		72
73		SPACE							SPACE		74
75		SPACE							SPACE		76
77		SPACE							SPACE		78
79		SPACE							SPACE		80
81		SPACE							SPACE		82
83		SPACE							SPACE		84

SOLID NEUTRAL
NEUTRAL WIRE (W)
AΦ = BΦ = CΦ =
GROUND BUS
GROUND WIRE (G)

HOUSE PANEL "P1X SECTION 2"

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

Entergy

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 ( )
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 Lime St. Right of Way into Lot 3-B-X Clearview Estates, Sect A
Street 4648 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: 1∅-120/240 3∅-120/240 ✓3∅-120/208 3 ∅-277/480 ** Other

	Single ∅	*Three ∅*	*Comments*
Square Footage	30526 SQ/FT.		
Lights	KW	53 KW	
Cooking	KW	85 KW	
Heating	KW	205 KW	Note: If more than one A/C unit please list the total load in the appropriate column and largest unit in the comment section.
A/C (heat pump)	KW	170 KW	Largest Unit: 20 Ton / 30KW
Refrigeration	KW	26 KW	
Water Heating	KW	77 KW	
Motors	HP	HP	
Motors	HP	HP	
Receptacles	KW	70 KW	
Miscellaneous	KW	214 KW	
Total Connected	KW	900 KW	
Existing Peak Load	KW	KW	
Total Diversified	KW	650 KW	

Largest Motor: 20HP (Elevator) HP~ 1∅ ✓3∅ 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

PANEL SCHEDULE

PANEL: TYPICAL 200A TENNANT PANEL
LOCATION: ELECTRICAL ROOM
FEEDER SOURCE: METER CENTER
VOLTAGE: 208/120V, 200A, 3Φ, 4W W / 200A MAIN BREAKER
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE QO LOAD CENTER
AIC = 42,000

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1		SPARE	20	2		180	1	20	DUPLEX RECEPT AT PANEL	#12	2
3							1	20	SPARE		4
5		SPARE	30	2			1	20	SPARE		6
7							1	20	SPARE		8
9		SPARE	50	2			1	20	SPARE		10
11							1	20	SPARE		12
13		SPARE	20	1			1	20	SPARE		14
15		SPARE	20	1			1	20	SPARE		16
17		SPARE	20	1			1	20	SPARE		18
19		SPARE	20	1			1	20	SPARE		20
21		SPARE	20	1			1	20	SPARE		22
23		SPARE	20	1			1	20	SPARE		24
25		SPARE	20	1			1	20	SPARE		26
27		SPARE	20	1			1	20	SPARE		28
29		SPARE	20	1			1	20	SPARE		30
31		SPACE							SPACE		32
33		SPACE							SPACE		34
35		SPACE							SPACE		36
37		SPACE									38
39		SPACE					3	30	SURGE PROTECTIVE DEVICE	#10	40
41		SPACE									42

SOLID NEUTRAL
NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) =
AΦ = BΦ = CΦ =
GROUND BUS
GROUND WIRE (G)

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

PANEL SCHEDULE

PANEL: P1E
LOCATION: UNIT 1E
FEEDER SOURCE: METER CENTER
VOLTAGE: 208/120V, 400A, 3Φ, 4W W / 400A MAIN BREAKER
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D I-LINE PANELBOARD
AIC = 42,000

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1		SPARE	20	2		180	1	20	DUPLEX RECEPT AT PANEL	#12	2
3							1	20	SPARE		4
5		SPARE	20	2			1	20	SPARE		6
7							1	20	SPARE		8
9		SPARE	30	2			1	20	SPARE		10
11							1	20	SPARE		12
13		SPARE	50	2			1	20	SPARE		14
15							1	20	SPARE		16
17		SPARE	20	1			1	20	SPARE		18
19		SPARE	20	1			1	20	SPARE		20
21		SPARE	20	1			1	20	SPARE		22
23		SPARE	20	1			1	20	SPARE		24
25		SPARE	20	1			1	20	SPARE		26
27		SPARE	20	1			1	20	SPARE		28
29		SPARE	20	1			1	20	SPARE		30
31		SPACE							SPACE		32
33		SPACE							SPACE		34
35		SPACE							SPACE		36
37		SPACE									38
39		SPACE					3	30	SURGE PROTECTIVE DEVICE	#10	40
41		SPACE									42

SOLID NEUTRAL
NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) =
AΦ = BΦ = CΦ =
GROUND BUS
GROUND WIRE (G)

400A TENNANT PANEL "P1E"

PANEL SCHEDULE

PANEL: P3A
LOCATION: UNIT 1E
FEEDER SOURCE: METER CENTER
VOLTAGE: 208/120V, 400A, 3Φ, 4W W / 600A MAIN BREAKER
ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D I-LINE PANELBOARD
AIC = 42,000

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
1		SPARE	20	2		180	1	20	DUPLEX RECEPT AT PANEL	#12	2
3							1	20	SPARE		4
5		SPARE	20	2			1	20	SPARE		6
7							1	20	SPARE		8
9		SPARE	30	2			1	20	SPARE		10
11							1	20	SPARE		12
13		SPARE	50	2			1	20	SPARE		14
15							1	20	SPARE		16
17		SPARE	20	1			1	20	SPARE		18
19		SPARE	20	1			1	20	SPARE		20
21		SPARE	20	1			1	20	SPARE		22
23		SPARE	20	1			1	20	SPARE		24
25		SPARE	20	1			1	20	SPARE		26
27		SPARE	20	1			1	20	SPARE		28
29		SPARE	20	1			1	20	SPARE		30
31		SPACE							SPACE		32
33		SPACE							SPACE		34
35		SPACE							SPACE		36
37		SPACE									38
39		SPACE					3	30	SURGE PROTECTIVE DEVICE	#10	40
41		SPACE									42

SOLID NEUTRAL
NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (VA) =
AΦ = BΦ = CΦ =
GROUND BUS
GROUND WIRE (G)

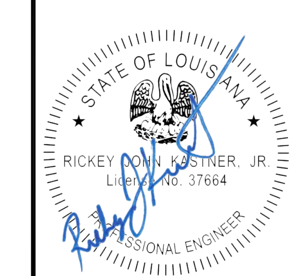
600A TENNANT PANEL "P3A"

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

#	DESCRIPTION	DATE

REVISIONS

SEAL:



01/29/2025

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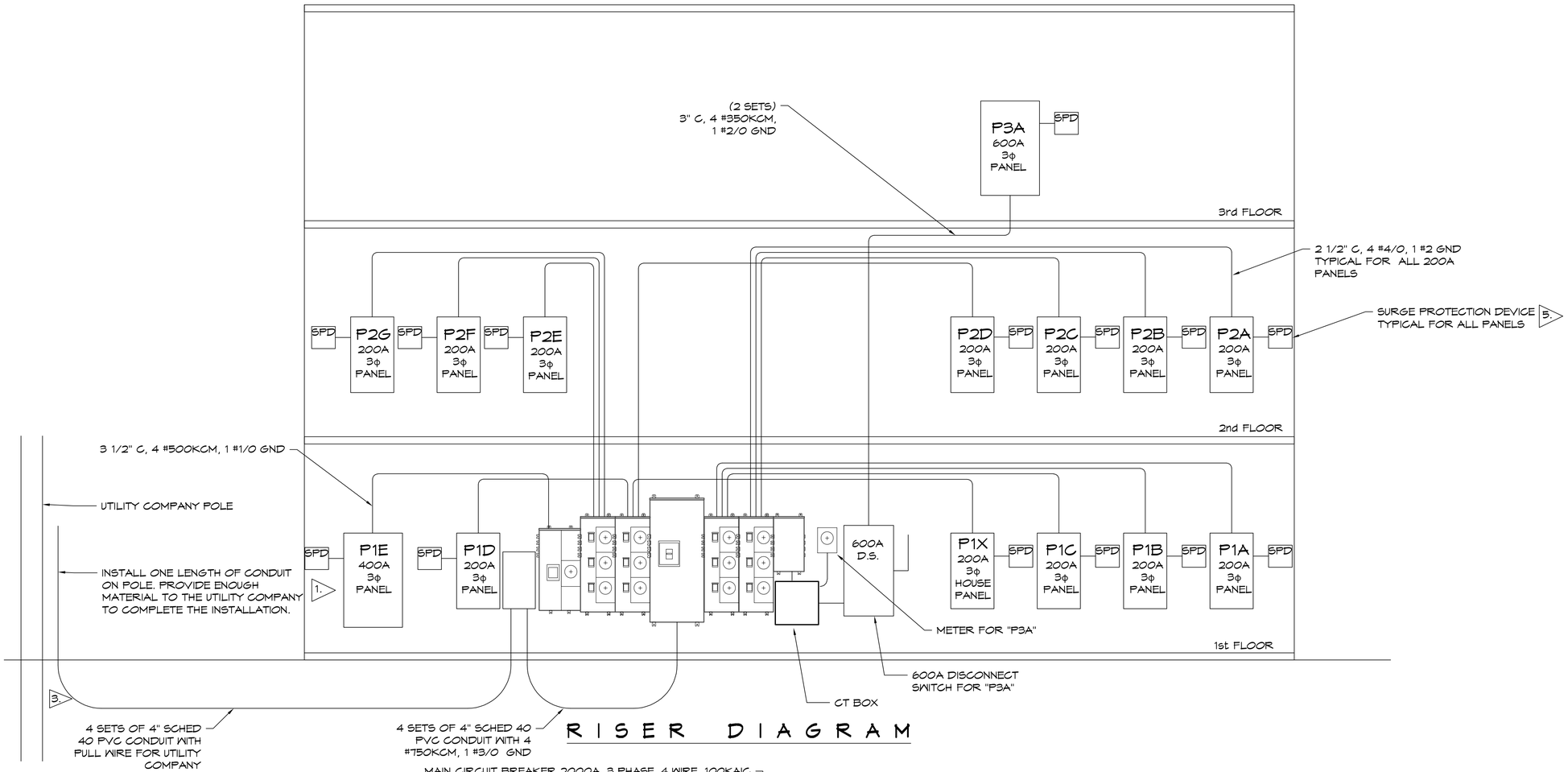
MIXED USE DEVELOPMENT
I-10 SOUTH SERVICE ROAD
METAIRIE LOUISIANA

JOB No:
DATE: 01-27-2025
DRAWN BY: CKD
CHECKED BY: RJK

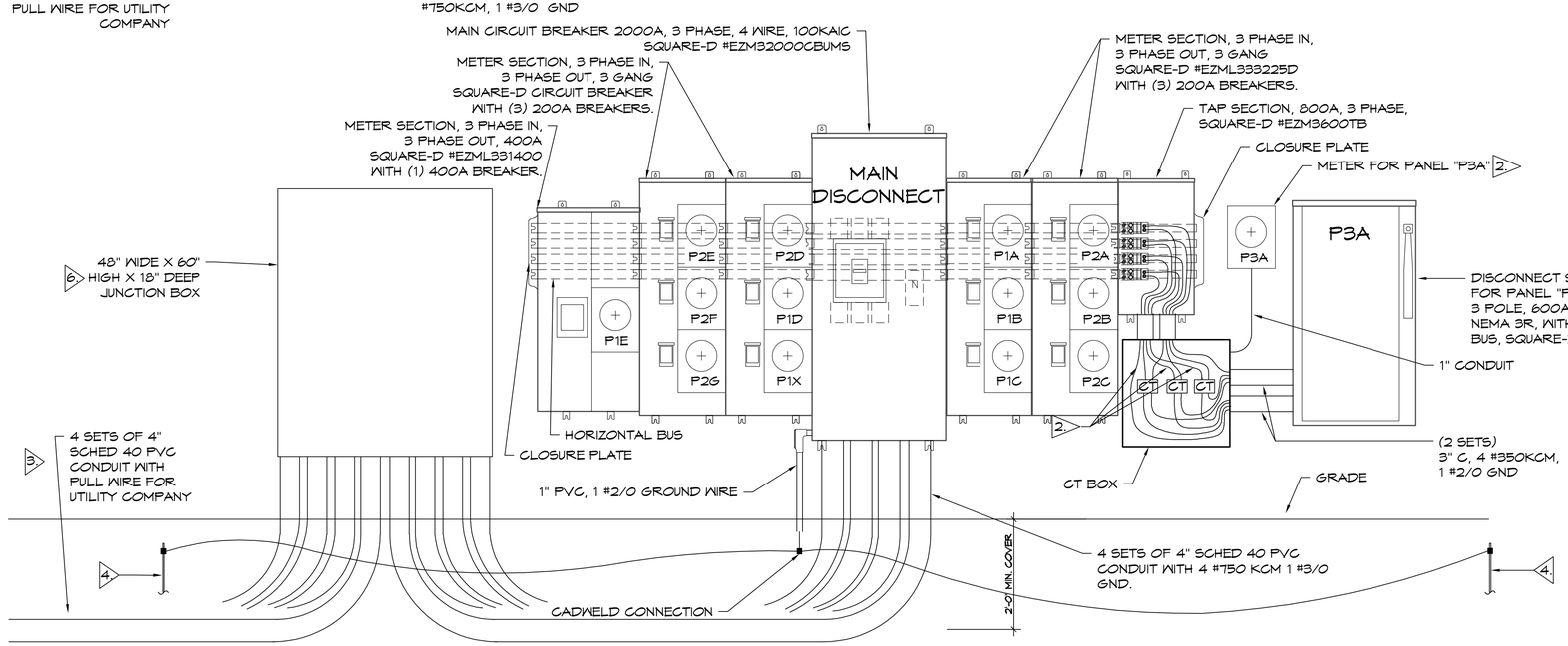
SHEET TITLE:
ELECTRICAL PANEL SCHEDULES

DRAWING NUMBER:
E108

SHEET No: 14 of 15



RISER DIAGRAM



SERVICE ENTRANCE 1.

SCALE: 3/4" = 1'-0"

NOTES:

1. BEFORE PURCHASING EQUIPMENT AND STARTING WORK, THE CONTRACTOR SHALL CONTACT ENTERGY TO COORDINATE THE INSTALLATION. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE ENTERGY CUSTOMER SERVICES STANDARDS AND THE NATIONAL ELECTRIC CODE.
2. UTILITY COMPANY TO PROVIDE CURRENT TRANSFORMERS, METER AND METER ENCLOSURE. CONTRACTOR TO PROVIDE METER ENCLOSORE AND INSTALL EQUIPMENT.
3. VERIFY CONDUIT SIZE AND QUANTITY WITH UTILITY COMPANY BEFORE PURCHASING MATERIAL.
4. 3/4" X 10' LONG COPPER CLAD GROUND ROD. CONNECT TO COLD WATER PIPE, AND BUILDING STEEL PER NEC 250. CADWELL ALL CONNECTIONS.
5. SIDE MOUNTED SURGE PROTECTION DEVICE (SPD), 208/120V Y EATON #SP1-208Y. INSTALL PER NEC 242.
6. THE JUNCTION BOX, PROVIDED BY THE CONTRACTOR, SHALL:
   - MEET ENTERGY CUSTOMER SERVICE STANDARDS SECTION 8.5
   - HAVE A RAIN TIGHT(NEMA 3R) FRONT COVER THAT IS HINGED ON THE SIDE(S)
   - HAVE A LOCKING MECHANISM THAT IS SUITABLE FOR AN ENTERGY COMPANY PADLOCK.
   - BE UL LISTED, OR A UL LISTED COMPANY APPROVED ALTERNATIVE.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
5500 Clausen Trail
Slidell, LA 70458

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

STATE OF LOUISIANA
RICKEY N. CROCHET JR
LICENSE NO. 37664
PROFESSIONAL ENGINEER

01/29/2025

MIXED USE DEVELOPMENT

I-10 SOUTH SERVICE ROAD
METAIRIE LOUISIANA

DATE: 01-27-2025
CHECKED BY: CCD
DRAWN BY: RJK
JOB No:

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SHEET TITLE:
RISER DIAGRAM SERVICE ENTRANCE

DRAWING NUMBER:
E109

SHEET No: 15 of 15