

**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 CONTACTOR, 30A, MAGNETICALLY HELD SQUARE D CLASS 2903 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





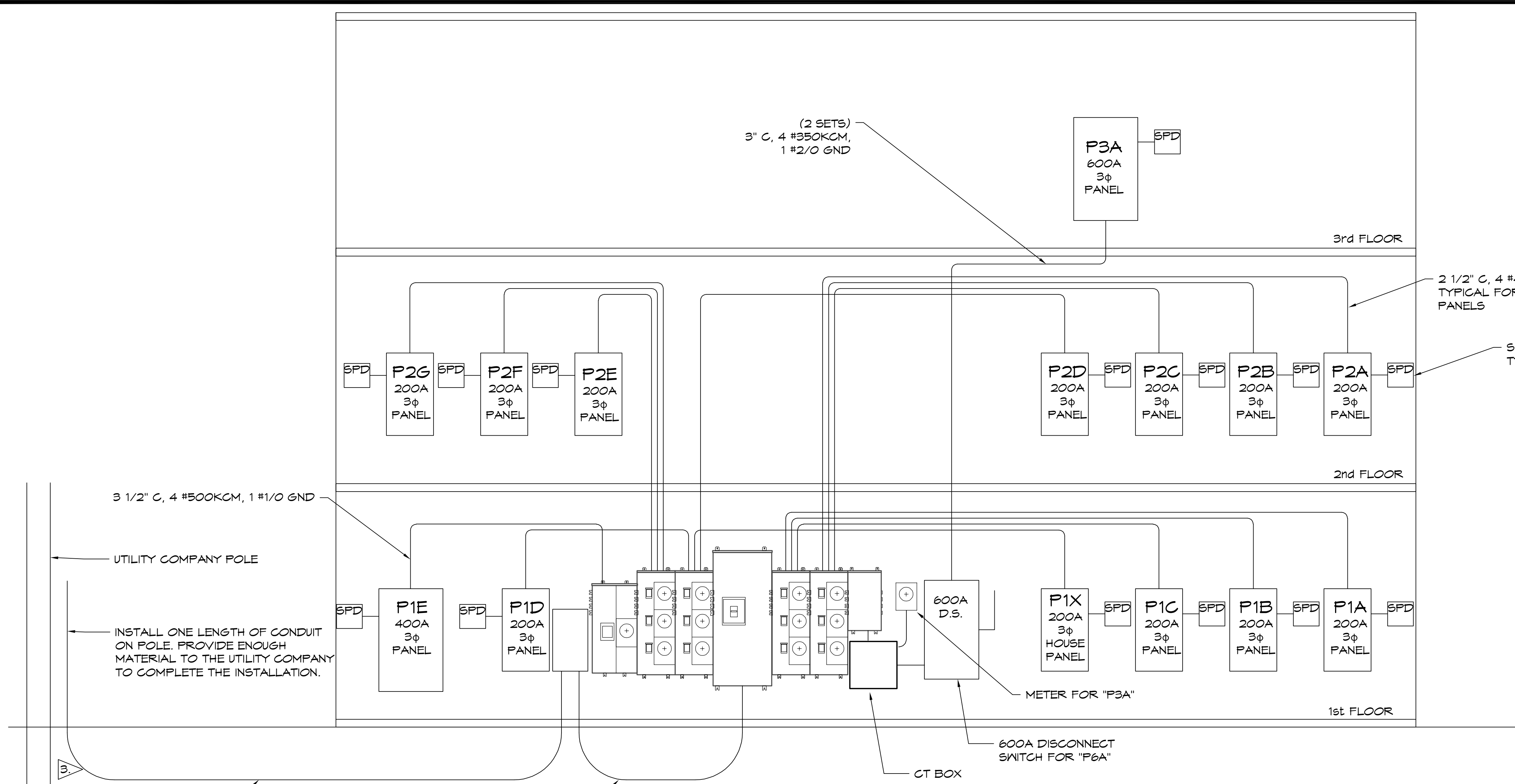




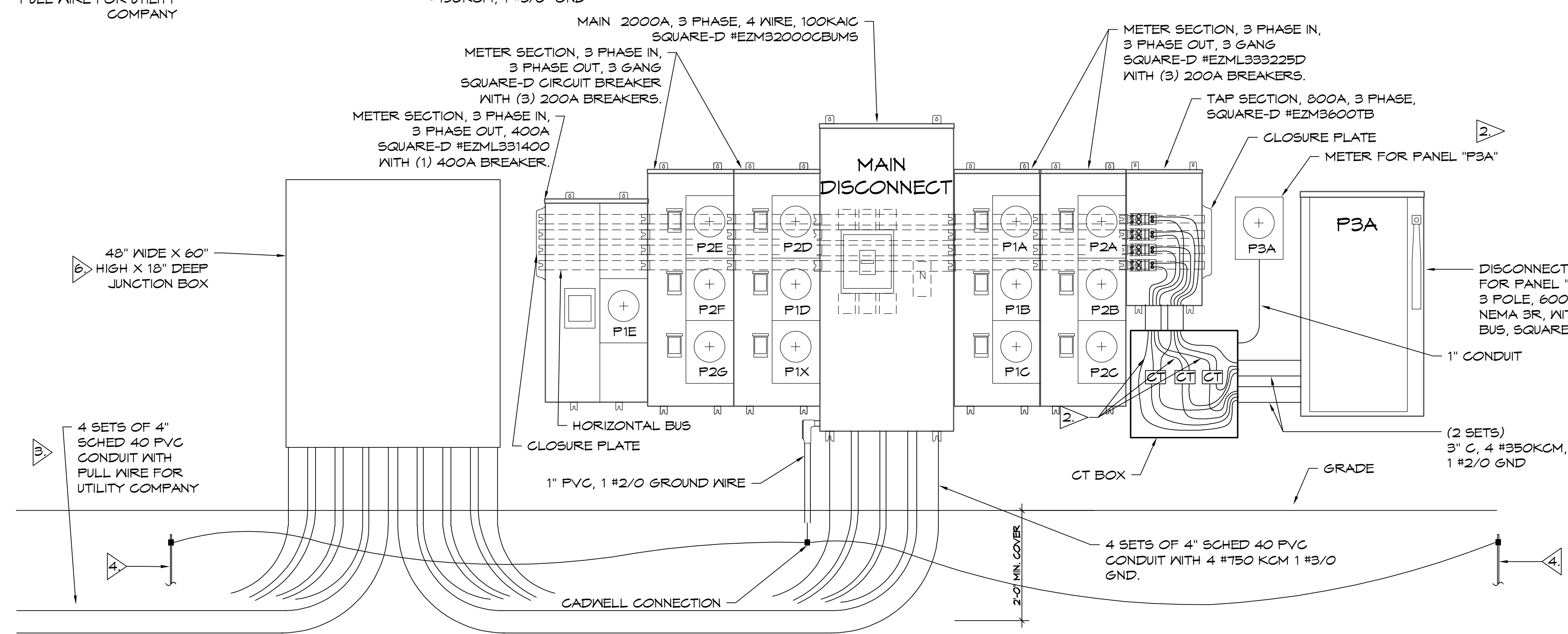




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### RISER DIAGRAM



### SERVICE ENTRANCE

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 ENCLOSURE AND INSTALL EQUIPMENT.
3. VERIFY CONDUIT SIZE AND QUANTITY WITH UTILITY COMPANY BEFORE PURCHASING MATERIAL.
4. 3/4" X 10' LONG COPPER GLAD GROUND ROD. CONNECT TO COLD WATER PIPE, AND BUILDING STEEL PER NEC 250. GADWELL 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**  
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#	DESCRIPTION	DATE

SEAL:

**DEVELOPMENT**

1-10 SOUTH SERVICE ROAD  
METairie LOUISIANA

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

SHEET TITLE:  
**RISER DIAGRAM SERVICE ENTRANCE**

DRAWING NUMBER:  
**E109**

SHEET No: 15 of 15