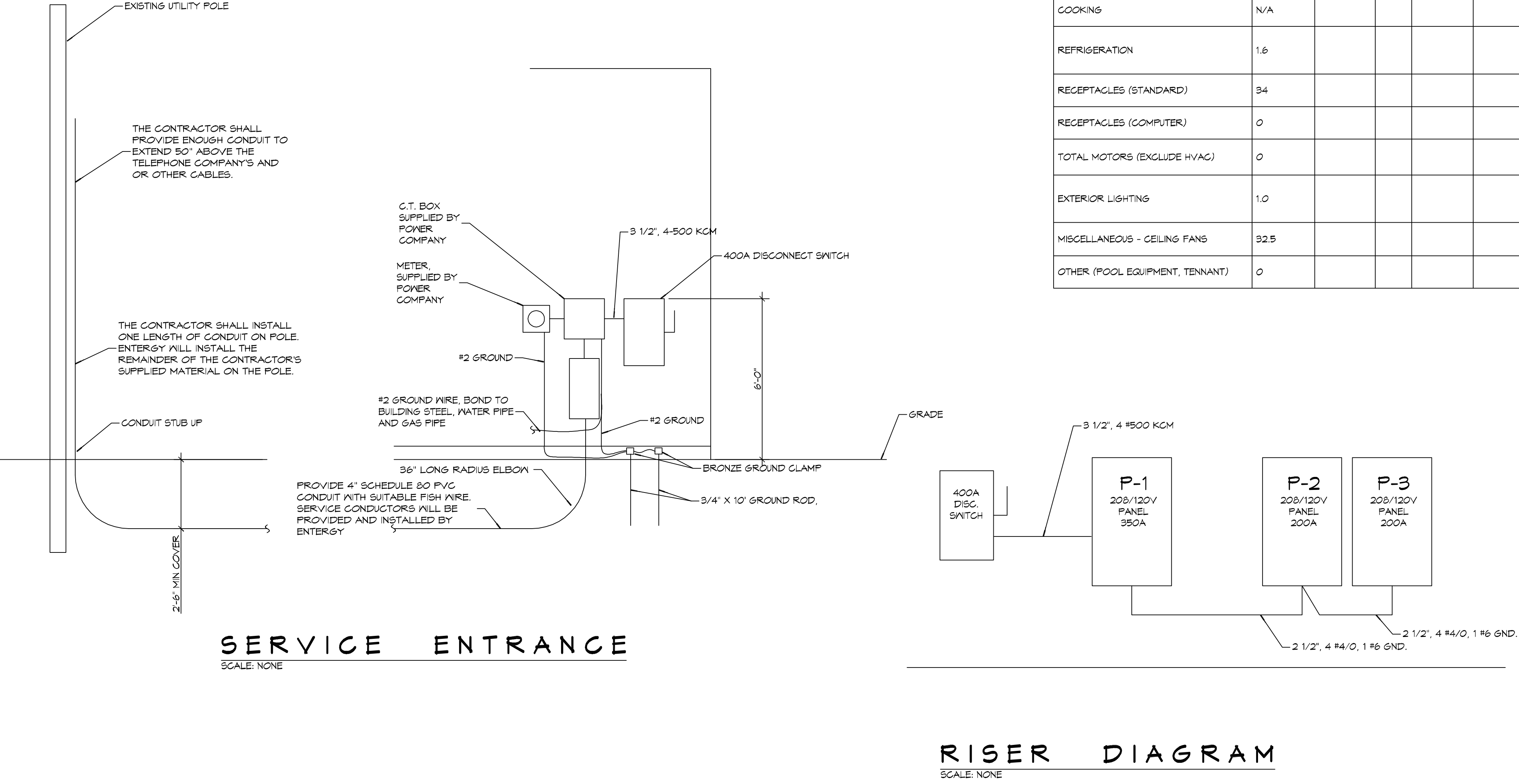


| PANEL SCHEDULE | | | | | | | | | | | | |
|--------------------------------|----------------|----------------------|----------------------------------------------|-------------------------------------|----|-----------------------------------------------------------------------------|----|----------------------------|-------------|------------------|----------------|--------|
| PANEL: P1 | | | VOLTAGE: 208/120V, 350A, 3Ø, 4W MAIN BREAKER | | | ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE D, I-LINE PANELBOARD | | | AG = 22,000 | | | |
| LOCATION: ELECTRICAL ROOM | | | FEEDER SOURCE: UTILITY | | | | | | | | | |
| CKT NO | THHN WIRE SIZE | LOAD DESCRIPTION | BREAKER | LOAD (VA) | AS | BS | CS | LOAD (VA) | BREAKER | LOAD DESCRIPTION | THHN WIRE SIZE | CKT NO |
| | | | | | | | | | | | | |
| 1 | | | | 16970 | | | | 4800 | | | | 2 |
| 3 | 250KCM | PANELS "P2" AND "P3" | 200 | 3 | | | | 4800 | 3 | 50 | | 4 |
| 5 | | | | 16840 | | | | 4800 | | | | 6 |
| 7 | | | | 950 | | | | 4800 | | | | 8 |
| 4 | #12 | BODY COOLER | 15 | 3 | | | | 4800 | 3 | 50 | | 10 |
| 11 | | | | 950 | | | | 4800 | | | | 12 |
| 13 | | | | | | | | | | | | 14 |
| 15 | #6 | SPARE | 40 | 3 | | | | | 3 | 30 | | 16 |
| 11 | | | | | | | | | | | | 18 |
| 14 | #10 | HVAC No. 1 | 30 | 2 | | | | 1800 | | | | 20 |
| 21 | | | | 1800 | | | | | | | | 22 |
| 23 | #6 | HVAC No. 2 | 50 | 2 | | | | 2400 | | | | 24 |
| 25 | | | | 2400 | | | | | | | | 26 |
| 21 | #10 | HVAC No. 3 | 30 | 2 | | | | 1800 | | | | 28 |
| 24 | | | | 1800 | | | | 1800 | 2 | 40 | | 30 |
| 31 | #6 | HVAC No. 4 | 50 | 2 | | | | 2400 | | | | 32 |
| 33 | | | | 2400 | | | | 1200 | 2 | 30 | | 34 |
| 35 | #6 | HVAC No. 5 | 50 | 2 | | | | 2400 | | | | 36 |
| 37 | | | | 2400 | | | | 1800 | 2 | 40 | | 38 |
| 34 | #12 | CONDENSER UNIT No. 1 | 15 | 2 | | | | 460 | | | | 40 |
| 41 | | | | 460 | | | | 450 | 2 | 20 | | 42 |
| SOLID NEUTRAL NEUTRAL WIRE (N) | | | | TOTAL CONNECTED LOAD (VA) = 118,920 | | | | GROUND BUS GROUND WIRE (G) | | | | |
| | | | | AS = 40,820 | | | | BS = 38,880 | | | | |
| | | | | | | | | CS = 39,220 | | | | |

| PANEL SCHEDULE | | | | | | | | | | | | |
|--------------------------------|----------------|----------------------------------------------------|---------------------------------------|------------------------------------|----|--------------------------------------------------------------------------|----|----------------------------|-------------|------------------|----------------|--------|
| PANEL: P2 | | | VOLTAGE: 208/120V, 200A, 3Ø, 4W M/MLO | | | ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER | | | AG = 22,000 | | | |
| LOCATION: ELECTRICAL ROOM | | | FEEDER SOURCE: PANEL P-1 | | | | | | | | | |
| CKT NO | THHN WIRE SIZE | LOAD DESCRIPTION | BREAKER | LOAD (VA) | AS | BS | CS | LOAD (VA) | BREAKER | LOAD DESCRIPTION | THHN WIRE SIZE | CKT NO |
| | | | | | | | | | | | | |
| 1 | #12 | RECEPTACLES, EXTERIOR | 20 | 1 | | | | 900 | | | | 2 |
| 3 | #12 | RECEPTACLES, EQUIPMENT AND PREP ROOMS | 20 | 1 | | | | 1440 | | | | 4 |
| 5 | #12 | DEDICATED RECEPTACLE, PREP ROOM | 20 | 1 | | | | 1200 | | | | 6 |
| 7 | #12 | DEDICATED RECEPTACLE, PREP ROOM | 20 | 1 | | | | 1200 | | | | 8 |
| 4 | #12 | DEDICATED RECEPTACLE, DRESSING ROOM | 20 | 1 | | | | 1200 | | | | 10 |
| 11 | #12 | DEDICATED RECEPTACLE, DRESSING ROOM | 20 | 1 | | | | 1080 | | | | 12 |
| 13 | #12 | RECEPTACLES, OFFICE | 20 | 1 | | | | 720 | | | | 14 |
| 15 | #12 | RECEPTACLES, PROCESSING AREA, OFFICE AND UTILITIES | 20 | 1 | | | | 900 | | | | 16 |
| 17 | #12 | RECEPTACLES, MERCH ROOM | 20 | 1 | | | | 1080 | | | | 18 |
| 14 | #12 | RECEPTACLES, VISITATION AND VIEWING ROOM | 20 | 1 | | | | 1080 | | | | 20 |
| 21 | #12 | RECEPTACLES, VIEWING AND ID ROOM | 20 | 1 | | | | 1080 | | | | 22 |
| 23 | #12 | RECEPTACLES, RECEIVING/ CREMATORY | 20 | 1 | | | | 900 | | | | 24 |
| 25 | #12 | RECEPTACLES, ATTIC | 20 | 1 | | | | 1260 | | | | 26 |
| 27 | #12 | CONTROL POWER TO CREMATOR No. 1 | 15 | 1 | | | | 500 | | | | 28 |
| 24 | #12 | CONTROL POWER TO CREMATOR No. 2 | 15 | 1 | | | | 500 | | | | 30 |
| 31 | #12 | BODY COOLER, EVAPORATOR AND LIGHTS | 20 | 1 | | | | 500 | | | | 32 |
| 33 | #10 | 3ØA RECEPTACLE FOR PROCESSING STATION | 30 | 1 | | | | 2500 | | | | 34 |
| 35 | #12 | CONTROL POWER TO KEY SWITCH CREMATOR VIEWING ROOM | 15 | 1 | | | | 500 | | | | 36 |
| 37 | | | | | | | | | | | | 38 |
| 34 | | | | | | | | | | | | 40 |
| 41 | | | | | | | | | | | | 42 |
| SOLID NEUTRAL NEUTRAL WIRE (N) | | | | TOTAL CONNECTED LOAD (VA) = 31,560 | | | | GROUND BUS GROUND WIRE (G) | | | | |
| | | | | AS = 12,220 | | | | BS = 14,300 | | | | |
| | | | | | | | | CS = 11,040 | | | | |

| PANEL SCHEDULE | | | | | | | | | | | | |
|--------------------------------|----------------|----------------------------------------------------|---------------------------------------|------------------------------------|----|--------------------------------------------------------------------------|----|----------------------------|-------------|------------------|----------------|--------|
| PANEL: P3 | | | VOLTAGE: 208/120V, 200A, 3Ø, 4W M/MLO | | | ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER | | | AG = 22,000 | | | |
| LOCATION: ELECTRICAL ROOM | | | FEEDER SOURCE: PANEL P1 | | | | | | | | | |
| CKT NO | THHN WIRE SIZE | LOAD DESCRIPTION | BREAKER | LOAD (VA) | AS | BS | CS | LOAD (VA) | BREAKER | LOAD DESCRIPTION | THHN WIRE SIZE | CKT NO |
| | | | | | | | | | | | | |
| 1 | #12 | LIGHTS, DRESSING ROOM AND CORRIDOR | 20 | 1 | | | | 1000 | | | | 2 |
| 3 | #12 | LIGHTS, ELECTRICAL ROOM UNSEX RESTROOM AND OFFICES | 20 | 1 | | | | 1100 | | | | 4 |
| 5 | #12 | LIGHTS, CORRIDOR | 20 | 1 | | | | 800 | | | | 6 |
| 7 | #12 | LIGHTS, CHAPEL | 20 | 1 | | | | 1100 | | | | 8 |
| 4 | #12 | LIGHTS, CENTER OFFICES AND SOUND ROOM | 20 | 1 | | | | 700 | | | | 10 |
| 11 | #12 | LIGHTS, VIEWING ID ROOM AND COFFEE LOUNGE | 20 | 1 | | | | 1600 | | | | 12 |
| 13 | #12 | SPARE | 20 | 1 | | | | 400 | | | | 14 |
| 15 | #12 | LIGHTS, HOLDING, OFFICES, STORAGE ROOM | 20 | 1 | | | | 500 | | | | 16 |
| 17 | #12 | LIGHTS, RECEIVING, CREMATORY | 20 | 1 | | | | 1100 | | | | 18 |
| 14 | #12 | OUTSIDE LIGHTS, REAR THROUGH LIGHTING CONTACTOR | 20 | 1 | | | | 350 | | | | 20 |
| 21 | #10 | PARKING LOT LIGHTS THROUGH LIGHTING CONTACTOR | 20 | 2 | | | | 450 | | | | 22 |
| 23 | | | | 450 | | | | | | | | 24 |
| 25 | | | | | | | | | | | | 26 |
| 27 | | | | | | | | | | | | 28 |
| 24 | | | | | | | | | | | | 30 |
| 31 | | | | | | | | | | | | 32 |
| 33 | | | | | | | | | | | | 34 |
| 35 | | | | | | | | | | | | 36 |
| 37 | | | | | | | | | | | | 38 |
| 34 | | | | | | | | | | | | 40 |
| 41 | | | | | | | | | | | | 42 |
| SOLID NEUTRAL NEUTRAL WIRE (N) | | | | TOTAL CONNECTED LOAD (VA) = 13,150 | | | | GROUND BUS GROUND WIRE (G) | | | | |
| | | | | AS = 4,350 | | | | BS = 3,750 | | | | |
| | | | | | | | | CS = 5,050 | | | | |



ELECTRICAL LOAD SUMMARY

| ENTERGY POWER COMPANY | | | | |
|------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|----|---------------|
| PROJECT NAME: | BOYD FAMILY FUNERAL HOME | | | |
| PROJECT ADDRESS: | 4800 DOWNMAN ROAD | | | |
| CITY/TOWN: | NEW ORLEANS, LOUISIANA | | | |
| INTENDED USER: | BOYD | | | |
| REQ SERV: | 208 | V | 3 | PHASE 4 WIRES |
| SERV ENTR SIZE: | 350 AMPS | | | |
| HVAC TONNAGE: | 19 TONS | | | |
| LARGEST MOTOR: | HP | | | |
| (NOTE: MOTORS ABOVE 20HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE W/ 120/240V, 1Ø, 3Ø SERVICE) | | | | |
| TOTAL BUILDING SQ FT: | 11000 | SF | | |
| INDIVIDUAL UNIT SQUARE FOOTAGE: | | SF (MULT OCCUPANCY) | | |
| INDIVIDUAL UNIT DESIGNATION: | | (MULT OCCUPANCY) | | |
| LOAD SOURCE | 1Ø-KVA | 3Ø-KVA | OR | 1Ø-KVA 3Ø-KVA |
| BUILDING LIGHTING | 14.0 | | | |
| ELECTRIC WATER HEATING | 0.0 | | | |
| HEAT PUMPS | | | | |
| SUPPLEMENTAL HEAT SYSTEMS | | | | |
| AIR COND CONDENSING UNITS | 11.6 | | | |
| ELEC HEATING (PRIMARY) - AHU'S | 24.6 | | | |
| COOKING | N/A | | | |
| REFRIGERATION | 1.6 | | | |
| RECEPTACLES (STANDARD) | 34 | | | |
| RECEPTACLES (COMPUTER) | 0 | | | |
| TOTAL MOTORS (EXCLUDE HVAC) | 0 | | | |
| EXTERIOR LIGHTING | 1.0 | | | |
| MISCELLANEOUS - CEILING FANS | 32.5 | | | |
| OTHER (POOL EQUIPMENT, TENNANT) | 0 | | | |

DAMMON

ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

BOYD FAMILY FUNERAL HOME

NEW ORLEANS, LA

4800 DOWNMAN ROAD

NEW ORLEANS, LA

JOB NO: 2386

DATE: 10-15-2022

DRAWN BY: AF/JAG/MK

CHECKED BY:

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

DRAWING NUMBER:

E105

SHEET No: 21 of 21

Chief Engineer: Brian Mistich, PE
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 Slidell, LA 70458
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