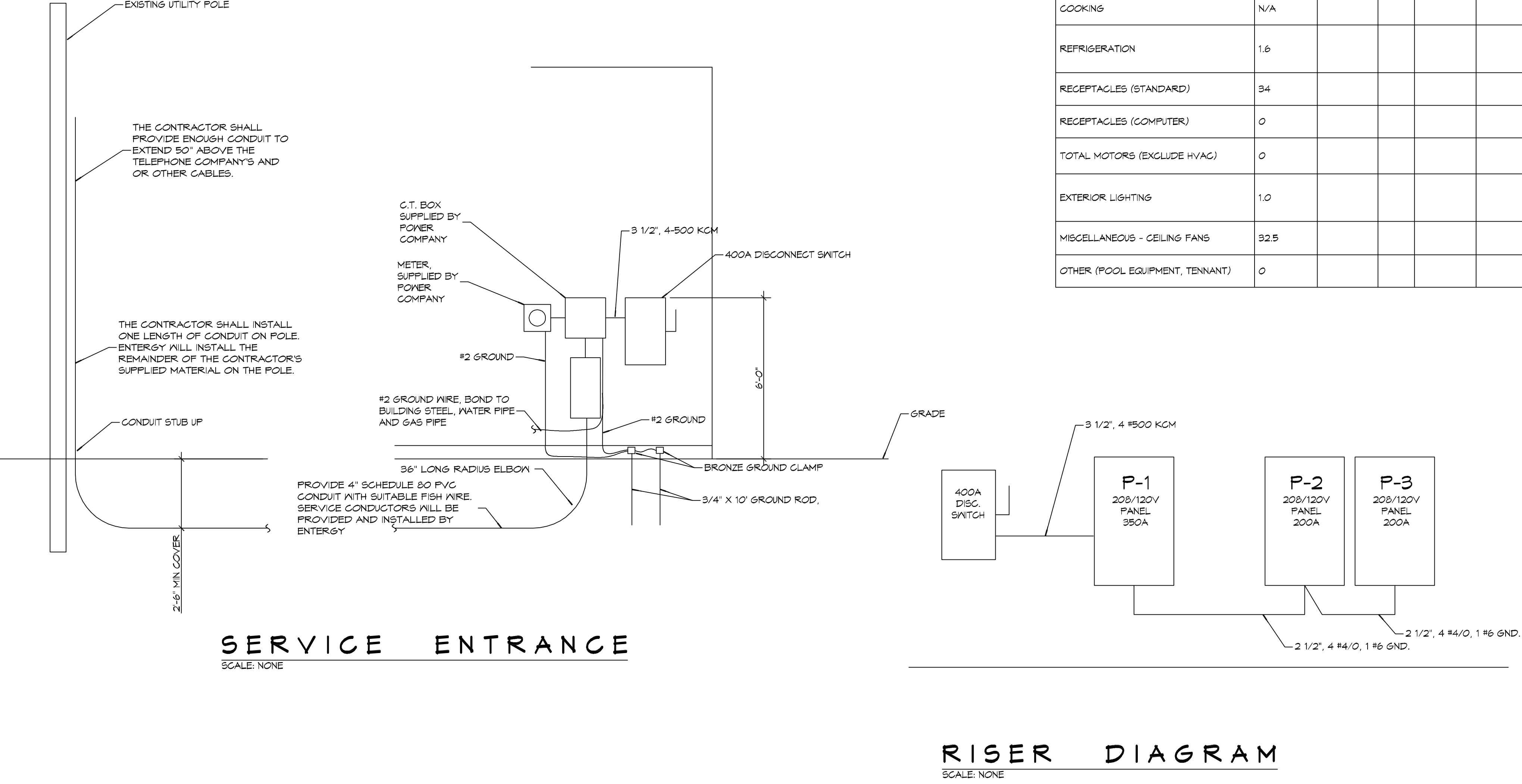


| PANEL SCHEDULE                        |                |                           |  |                                     |             |             |    |                            |                  |                           |                |        |
|---------------------------------------|----------------|---------------------------|--|-------------------------------------|-------------|-------------|----|----------------------------|------------------|---------------------------|----------------|--------|
| PANEL: P1 ELECTRICAL ROOM AC = 22,000 |                |                           | VOLTAGE: 208/120V, 3Ø, 4W MAIN BREAKER ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE D, I-LINE PANELBOARD |                                     |             |             |    |                            |                  |                           |                |        |
| CKT NO                                | THHN WIRE SIZE | LOAD DESCRIPTION LOCATION | BREAKER AMP POLE   | LOAD (VA)                           | AD          | BD          | CD | LOAD (VA)                  | BREAKER POLE AMP | LOAD DESCRIPTION LOCATION | THHN WIRE SIZE | CKT NO |
| 1                                     |                |                           |  | 18970                               |             |             |    | 4800                       |                  |                           |                | 2      |
| 3                                     | 250KCM         | PANELS "P2" AND "P3"      | 200 3  | 18090                               |             |             |    | 4800                       | 3 50             | CREMATOR NO. 1            | #6             | 4      |
| 5                                     |                |                           |  | 18840                               |             |             |    | 4800                       |                  |                           |                | 6      |
| 7                                     |                |                           |  | 950                                 |             |             |    | 4800                       |                  |                           |                | 8      |
| 4                                     | #12            | BODY COOLER               | 15 3   | 950                                 |             |             |    | 4800                       | 3 50             | CREMATOR NO. 2            | #6             | 10     |
| 11                                    |                |                           |  | 950                                 |             |             |    | 4800                       |                  |                           |                | 12     |
| 13                                    |                |                           |  |                                     |             |             |    |                            |                  |                           |                | 14     |
| 15                                    | #6             | SPARE                     | 40 3   |                                     |             |             |    |                            | 3 30             | SPARE                     | #6             | 16     |
| 11                                    |                |                           |  |                                     |             |             |    |                            |                  |                           |                | 18     |
| 14                                    | #10            | HVAC NO. 1                | 30 2   | 1800                                |             |             |    |                            |                  | SPACE                     |                | 20     |
| 21                                    |                |                           |  | 1800                                |             |             |    |                            |                  |                           |                | 22     |
| 23                                    | #6             | HVAC NO. 2                | 50 2   | 2400                                |             |             |    |                            |                  | SPACE                     |                | 24     |
| 25                                    |                |                           |  | 2400                                |             |             |    |                            |                  |                           |                | 26     |
| 21                                    | #10            | HVAC NO. 3                | 30 2   | 1800                                |             |             |    | 1800                       | 2 40             | CONDENSER UNIT NO. 2      | #6             | 28     |
| 24                                    |                |                           |  | 1800                                |             |             |    | 1800                       |                  |                           |                | 30     |
| 31                                    | #6             | HVAC NO. 4                | 50 2   | 2400                                |             |             |    | 1200                       | 2 30             | CONDENSER UNIT NO. 3      | #12            | 32     |
| 33                                    |                |                           |  | 2400                                |             |             |    | 1200                       |                  |                           |                | 34     |
| 35                                    | #6             | HVAC NO. 5                | 50 2   | 2400                                |             |             |    | 1600                       | 2 40             | CONDENSER UNIT NO. 4      | #6             | 36     |
| 37                                    |                |                           |  | 2400                                |             |             |    | 1600                       |                  |                           |                | 38     |
| 34                                    | #12            | CONDENSER UNIT NO. 1      | 15 2   | 460                                 |             |             |    | 450                        | 2 20             | CONDENSER UNIT NO. 5      | #10            | 40     |
| 41                                    |                |                           |  | 460                                 |             |             |    | 450                        |                  |                           |                | 42     |
| SOLID NEUTRAL NEUTRAL WIRE (N)        |                |                           |  | TOTAL CONNECTED LOAD (VA) = 118,920 |             |             |    | GROUND BUS GROUND WIRE (G) |                  |                           |                |        |
|                                       |                |                           |  | AD = 40,820                         | BD = 38,880 | CD = 39,220 |    |                            |                  |                           |                |        |

| PANEL SCHEDULE                        |                |  |  |                                    |             |             |    |                            |                  |   |                |        |
|---------------------------------------|----------------|--|--|------------------------------------|-------------|-------------|----|----------------------------|------------------|---|----------------|--------|
| PANEL: P2 ELECTRICAL ROOM AC = 22,000 |                |  | VOLTAGE: 208/120V, 200A, 3Ø, 4W N/M/L/O ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER |                                    |             |             |    |                            |                  |   |                |        |
| CKT NO                                | THHN WIRE SIZE | LOAD DESCRIPTION LOCATION                          | BREAKER AMP POLE   | LOAD (VA)                          | AD          | BD          | CD | LOAD (VA)                  | BREAKER POLE AMP | LOAD DESCRIPTION LOCATION                     | THHN WIRE SIZE | CKT NO |
| 1                                     | #12            | RECEPTACLES, EXTERIOR                              | 20 1   | 900                                |             |             |    | 1000                       | 1 20             | RECEPTACLES, DRESSING ROOM, UTILITIES, OFFICE | #12            | 2      |
| 3                                     | #12            | RECEPTACLES, EQUIPMENT AND PREP ROOMS              | 20 1   | 1440                               |             |             |    | 1200                       | 1 20             | RECEPTACLE, UNISEX REST ROOM                  | #12            | 4      |
| 5                                     | #12            | DEDICATED RECEPTACLE, PREP ROOM                    | 20 1   | 1200                               |             |             |    | 1620                       | 1 20             | RECEPTACLES, CENTER OFFICES                   | #12            | 6      |
| 7                                     | #12            | DEDICATED RECEPTACLE, PREP ROOM                    | 20 1   | 1200                               |             |             |    | 1200                       | 1 20             | RECEPTACLE, WOMENS REST ROOM                  | #12            | 8      |
| 4                                     | #12            | DEDICATED RECEPTACLE, DRESSING ROOM                | 20 1   | 1200                               |             |             |    | 1200                       | 1 20             | RECEPTACLE, MENS REST ROOM                    | #12            | 10     |
| 11                                    | #12            | DEDICATED RECEPTACLE, DRESSING ROOM                | 20 1   | 1200                               |             |             |    | 1080                       | 1 20             | RECEPTACLES, CHAPEL AND VEINING AREA          | #12            | 12     |
| 13                                    | #12            | RECEPTACLES, OFFICE                                | 20 1   | 720                                |             |             |    | 1080                       | 1 20             | RECEPTACLES, OFFICE 2 AND LOBBY               | #12            | 14     |
| 15                                    | #12            | RECEPTACLES, PROCESSING AREA, OFFICE AND UTILITIES | 20 1   | 900                                |             |             |    | 1080                       | 1 20             | RECEPTACLES, OFFICE 1 AND OFFICE 2            | #12            | 16     |
| 17                                    | #12            | RECEPTACLES, MERCH ROOM                            | 20 1   | 1080                               |             |             |    | 1260                       | 1 20             | RECEPTACLES, COFFEE LOUNGE                    | #12            | 18     |
| 14                                    | #12            | RECEPTACLES, VISITATION AND VEINING ROOM           | 20 1   | 1080                               |             |             |    | 1500                       | 1 20             | DEDICATED RECEPTACLE, COFFEE LOUNGE           | #12            | 20     |
| 21                                    | #12            | RECEPTACLES, VEINING AND ID ROOM                   | 20 1   | 1080                               |             |             |    | 1500                       | 1 20             | DEDICATED RECEPTACLE, COFFEE LOUNGE           | #12            | 22     |
| 23                                    | #12            | RECEPTACLES, RECEIVING/ CREMATOR                   | 20 1   | 900                                |             |             |    | 1200                       | 1 20             | RECEPTACLES, DEDICATED RECEPTACLE, SOUND ROOM | #12            | 24     |
| 25                                    | #12            | RECEPTACLES, ATTIC                                 | 20 1   | 1260                               |             |             |    | 1200                       | 1 20             | RECEPTACLES, DEDICATED RECEPTACLE, SOUND ROOM | #12            | 26     |
| 27                                    | #12            | CONTROL POWER TO CREMATOR NO. 1                    | 15 1   | 500                                |             |             |    | 1200                       | 1 20             | DEDICATED RECEPTACLE, SOUND ROOM              | #12            | 28     |
| 24                                    | #12            | CONTROL POWER TO CREMATOR NO. 2                    | 15 1   | 500                                |             |             |    | 500                        | 1 15             | CONTROL POWER GAS WATER HEATER                | #12            | 30     |
| 31                                    | #12            | BODY COOLER, EVAPORATOR AND LIGHTS                 | 20 1   | 500                                |             |             |    | 500                        | 1 20             | LOUVERED VENT CREMATOR                        | #12            | 32     |
| 33                                    | #10            | 3ØA RECEPTACLE FOR PROCESSING STATION              | 30 1   | 2500                               |             |             |    | 500                        | 1 20             | LOUVERED VENT CREMATOR                        | #2             | 34     |
| 35                                    | #12            | CONTROL POWER TO KEY SWITCH CREMATOR VEINING 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) |                  |   |                |        |
|                                       |                |  |  | AD = 12,220                        | BD = 14,300 | CD = 11,040 |    |                            |                  |   |                |        |

| PANEL SCHEDULE                        |                |   |  |                                    |            |            |    |                            |                  |                                |                |        |
|---------------------------------------|----------------|---|--|------------------------------------|------------|------------|----|----------------------------|------------------|--------------------------------|----------------|--------|
| PANEL: P3 ELECTRICAL ROOM AC = 22,000 |                |   | VOLTAGE: 208/120V, 200A, 3Ø, 4W N/M/L/O ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER |                                    |            |            |    |                            |                  |                                |                |        |
| CKT NO                                | THHN WIRE SIZE | LOAD DESCRIPTION LOCATION                           | BREAKER AMP POLE   | LOAD (VA)                          | AD         | BD         | CD | LOAD (VA)                  | BREAKER POLE AMP | LOAD DESCRIPTION LOCATION      | THHN WIRE SIZE | CKT NO |
| 1                                     | #12            | LIGHTS, DRESSING ROOM AND CORRIDOR                  | 20 1   | 1000                               |            |            |    | 1500                       | 1 20             | LIGHTS, RESTROOMS              | #12            | 2      |
| 3                                     | #12            | LIGHTS, ELECTRICAL ROOM UNISEX RESTROOM AND OFFICES | 20 1   | 1100                               |            |            |    |                            | 1 20             | SPARE                          |                | 4      |
| 5                                     | #12            | LIGHTS, CORRIDOR                                    | 20 1   | 800                                |            |            |    | 1000                       | 1 20             | LIGHTS, LOBBY                  | #12            | 6      |
| 7                                     | #12            | LIGHTS, CHAPEL                                      | 20 1   | 1100                               |            |            |    |                            | 1 20             | SPARE                          | #12            | 8      |
| 4                                     | #12            | LIGHTS, CENTER OFFICES AND SOUND ROOM               | 20 1   | 700                                |            |            |    | 1000                       | 1 20             | LIGHTS, MERCH ROOM AND OFFICES | #12            | 10     |
| 11                                    | #12            | LIGHTS, VEINING ID ROOM AND COFFEE LOUNGE           | 20 1   | 1600                               |            |            |    | 900                        | 1 20             | LIGHTS, FRONT PORCH            | #12            | 12     |
| 13                                    | #12            | SPARE   | 20 1   |                                    |            |            |    | 400                        | 1 20             | LIGHTS, ATTIC                  | #12            | 14     |
| 15                                    | #12            | LIGHTS, HOLDING, OFFICES, STORAGE ROOM              | 20 1   | 500                                |            |            |    |                            | 20               | SPARE                          | #12            | 16     |
| 17                                    | #12            | LIGHTS, RECEIVING, CREMATOR                         | 20 1   | 1100                               |            |            |    |                            |                  |                                |                | 18     |
| 14                                    | #12            | OUTSIDE LIGHTING, 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) |                  |                                |                |        |
|                                       |                |   |  | AD = 4,350                         | BD = 3,750 | CD = 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

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info@dammonengineering.com  
PH: 985.649.5832

DATE: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

SEAL:

NEW FUNERAL HOME

BOYD FAMILY FUNERAL HOME

4800 DOWNMAN ROAD  
NEW ORLEANS, LA

JOB NO: \_\_\_\_\_ DATE: 10-15-2022  
DRAWN BY: AF/JAG/MK CHECKED BY: AP

SHEET TITLE: ELECTRICAL PANEL SCHEDULES

DRAWING NUMBER: **E105**

SHEET No: 21 of 21