

PANEL SCHEDULE											
PANEL: P1			VOLTAGE: 208/120V, 350A, 3Ø, 4W MAIN BREAKER			ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE D, I-LINE PANELBOARD			LOCATION: ELECTRICAL ROOM AC - 22.000		
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER	LOAD DESCRIPTION	CKT NO
1				16970				4800			2
3	250KCM	PANELS "P2" AND "P3"	200	3	18090			4800	3	50	4
5				16840				4800			6
7				950				4800			8
4	#12	BODY COOLER	15	3	950			4800	3	50	10
11				950				4800			12
13											14
15		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			1800	2	40	28
24				1800				1800			30
31	#6	HVAC No. 4	50	2	2400			1200	2	30	32
33				2400				1200			34
35	#6	HVAC No. 5	50	2	2400			1600	2	40	36
37				2400				1600			38
34	#12	CONDENSER UNIT No. 1	15	2	460			450	2	20	40
41				460				450			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 SQUARE D TYPE GO LOAD CENTER			LOCATION: ELECTRICAL ROOM AC - 22.000		
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER	LOAD DESCRIPTION	CKT NO
1	#12	RECEPTACLES, EXTERIOR	20	1	900			1000	1	20	2
3	#12	RECEPTACLES, EQUIPMENT AND PREP ROOMS	20	1	1440			1200	1	20	4
5	#12	DEDICATED RECEPTACLE, PREP ROOM	20	1	1200			1620	1	20	6
7	#12	DEDICATED RECEPTACLE, PREP ROOM	20	1	1200			1200	1	20	8
4	#12	DEDICATED RECEPTACLE, DRESSING ROOM	20	1	1200			1200	1	20	10
11	#12	DEDICATED RECEPTACLE, DRESSING ROOM	20	1	1200			1080	1	20	12
13	#12	RECEPTACLES, OFFICE	20	1	720			1080	1	20	14
15	#12	RECEPTACLES, PROCESSING AREA, OFFICE AND UTILITIES	20	1	900			1080	1	20	16
17	#12	RECEPTACLES, MERCH ROOM	20	1	1080			1260	1	20	18
14	#12	RECEPTACLES, MECHANICAL RM	20	1	1080			1500	1	20	20
21	#12	RECEPTACLES, VIEWING AND ID ROOM	20	1	1080			1500	1	20	22
23	#12	RECEPTACLES, RECEIVING/ CREMATORY	20	1	900			1200	1	20	24
25	#12	RECEPTACLES, ATTIC	20	1	1260			1200	1	20	26
27	#12	CONTROL POWER TO CREMATOR No. 1	15	1	500			1200	1	20	28
24	#12	CONTROL POWER TO CREMATOR No. 2	15	1	500			500	1	15	30
31	#12	BODY COOLER, EVAPORATOR AND LIGHTS	20	1	500			500	1	20	32
33	#10	30A RECEPTACLE FOR PROCESSING STATION	30	1	2500			500	1	20	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

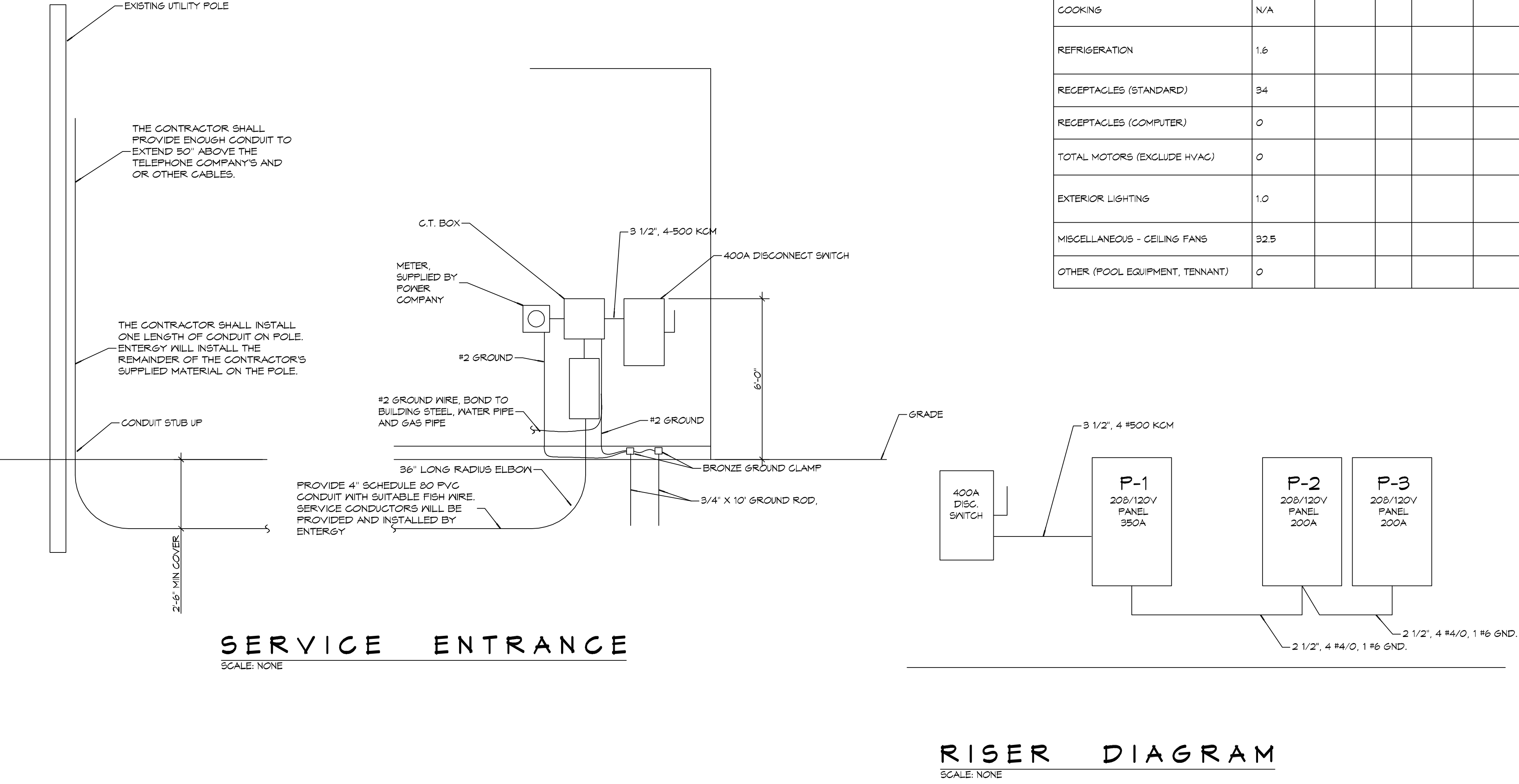
PANEL SCHEDULE											
PANEL: P3			VOLTAGE: 208/120V, 200A, 3Ø, 4W M/MLO			ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQUARE D TYPE GO LOAD CENTER			LOCATION: ELECTRICAL ROOM AC - 22.000		
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	AS	BS	CS	LOAD (VA)	BREAKER	LOAD DESCRIPTION	CKT NO
1	#12	LIGHTS, DRESSING ROOM AND CORRIDOR	20	1	1000			1500	1	20	2
3	#12	LIGHTS, ELECTRICAL ROOM UNSEX RESTROOM AND OFFICES	20	1	1100				1	20	4
5	#12	LIGHTS, CORRIDOR	20	1	800			1000	1	20	6
7	#12	LIGHTS, CHAPEL	20	1	1100				1	20	8
4	#12	LIGHTS, CENTER OFFICES AND SOUND ROOM	20	1	700			1000	1	20	10
11	#12	LIGHTS, VIEWING ID ROOM AND COFFEE LOUNGE	20	1	1600			900	1	20	12
13	#12	SPARE	20	1				400	1	20	14
15	#12	LIGHTS, HOLDING, OFFICES, STORAGE ROOM	20	1	500				20		16
17	#12	LIGHTS, RECEIVING, CREMATORY	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)

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

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DATE: 11-05-2022  
DATE: 2896  
JOB NO: 11-05-2022  
DRAWN BY: AF/JAG/MK  
CHECKED BY:

SEAL:

NEW FUNERAL HOME  
BOYD FAMILY HOME

4800 DOWNMAN ROAD  
NEW ORLEANS, LA

SHEET TITLE:  
ELECTRICAL PANEL SCHEDULES

DRAWING NUMBER:  
**E105**

SHEET No: 21 of 21