

DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT DAMMON, P.E.

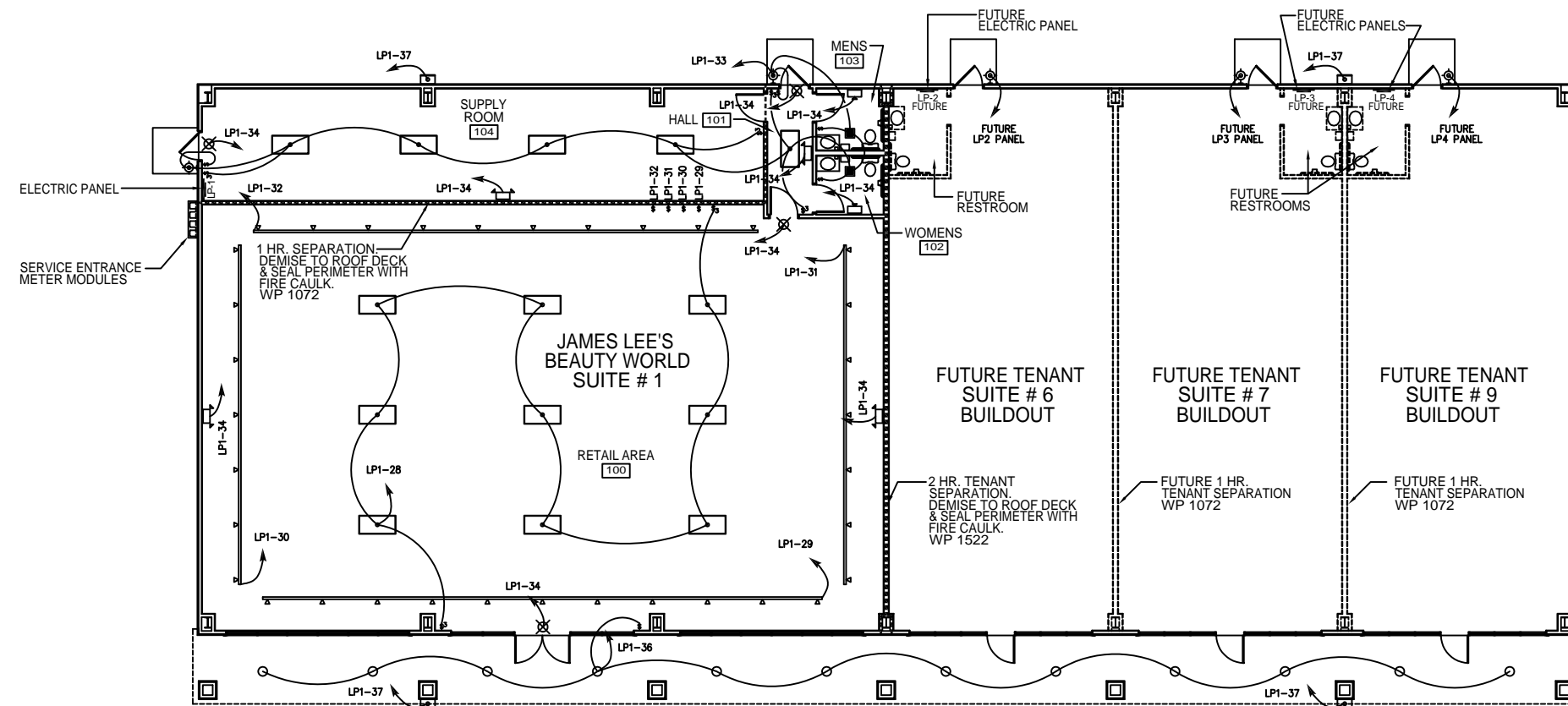
CHIEF ARCHITECT
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ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS



- LEGEND**
- 2'x4' FLUORESCENT LIGHT (3 BULB)
3 BULBS @ 32 w EA. = 96 w PER LIGHT
 - DIRECTIONAL TRACK LIGHTING
WITH 75 w PER BULB
 - EXHAUST FAN/LIGHT COMBO (90 w EA.)
 - EXIT LIGHT w/90 MIN.
BATTERY BACK-UP (.92 w EA.)
 - EMERGENCY LIGHT w/ 90 MIN.
BATTERY BACKUP (10.82 w EA.)
 - EXTERIOR CAN LIGHTS (90 w EA.)
 - WALL MOUNTED EXTERIOR
LIGHT FIXTURE (90 w EA.)
 - WALL MOUNTED EXTERIOR WALL
PACK FLOOD LIGHT (150 w EA.)
 - JUNCTION BOX FOR
EXTERIOR SIGNAGE (192 w)
 - SWITCH
 - 3 WAY SWITCH
 - POWER PANEL
 - 1 HR. FIRE-RATED TENANT
SEPERATION WALL
 - FUTURE INSTALLATIONS

ELECTRICAL LIGHTING PLAN
SCALE: 1/8"=1'

PANEL: LP-1
LOCATION: J D PLAZA, JAMES LEE'S BEAUTY WORLD SUPPLY ROOM
FEEDER SOURCE: CLECO

VOLTAGE: 120/240V, 225A 1Ø, 3W, MLO
SURFACE MOUNTED W/EQUIPMENT GND BAR

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (VA)	A _B		LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	THHN WIRE SIZE	CKT. NO.
					A _B	B _B					
1	#6	AHU #1 10 KW	60 2	5000			2500	2 30	AHU #1 5 KW	#6	2
3	#6	AHU #2 10 KW	60 2	5000			2500	2 30	AHU #2 5 KW	#6	4
5	#6	AHU #3 10 KW	60 2	5000			2500	2 30	AHU #3 5 KW	#6	6
7	#6	AHU #4 10 KW	60 2	5000			2500	2 30	AHU #4 5 KW	#6	8
9	#6	A/C COMPRESSOR #1 5 TON	60 2	4800			4800	2 40	A/C COMPRESSOR #1 5 TON	#6	10
11	#6	A/C COMPRESSOR #2 5 TON	60 2	4800			4800	2 40	A/C COMPRESSOR #2 5 TON	#6	12
13	#6	A/C COMPRESSOR #3 5 TON	60 2	4800			4800	2 40	A/C COMPRESSOR #3 5 TON	#6	14
15	#6	A/C COMPRESSOR #4 5 TON	60 2	4800			4800	2 40	A/C COMPRESSOR #4 5 TON	#6	16
17	#6	WATER HEATER 20 GALLON	30 2	3600			1280	1 20	RETAIL AREA 100 RECEPTACLES	#12	18
19	#6	WATER HEATER 20 GALLON	30 2	3600			1280	1 20	RETAIL AREA 100 RECEPTACLES	#12	20
21	#12	RETAIL AREA 100 AND HALL 101 RECEPTACLES	20 1	1280			160	1 20	RETAIL AREA 100 FLOOR RECEPTACLE	#12	22
23	#12	RESTROOMS 102 & 103 GFI RECEPTACLES	20 1	320			960	1 20	SUPPLY RM. 104 RECEPTACLES	#12	24
25	#12	SUPPLY ROOM 104 RECEPTACLES	20 1	960			160	1 20	RECEPTACLE AT DECK ABOVE RESTROOMS 102 AND 104	#12	26
27	#12	WEATHERPROOF GFI RECEPTACLES	20 1	480			864	1 20	RETAIL AREA 100 2x4 FLUORESCENT LIGHTS	#12	28
29	#12	RETAIL AREA 100 TRACK LIGHTS (11 BULB)	20 1	825			525	1 20	RETAIL AREA 100 TRACK LIGHTS (7 BULB)	#12	30
31	#12	RETAIL AREA 100 TRACK LIGHTS (7 BULB)	20 1	525			750	1 20	RETAIL AREA 100 TRACK LIGHTS (10 BULB)	#12	32
33	#12	HALL 101, WOMENS 102, MENS 103, SUPPLY RM. 104, & EXT. DOOR LIGHTS	20 1	840			69	1 20	EMERGENCY & EXTLIGHTS	#12	34
35	#12	JUNCTION BOX FOR WALL-MOUNTED EXTERIOR SIGNS ON BUILDING FRONT	20 1	192			1080	1 20	EXTERIOR COVERED WALKWAY CAN LIGHTS	#12	36
37	#12	EXTERIOR WALL PACK FLOOD LIGHTS	20 1	600			-	1 20	SPARE	#12	38
39	#12	SPARE	20 1	-			-	1 20	SPARE	#12	40
41	#12	SPARE	20 1	-			-	1 20	SPARE	#12	42
				TOTAL CONNECTED LOAD (VA)=89,150							
				A _B =44,699		B _B =44,451					

GROUND BUS

CLECO Power LLC - Electrical Load Summary

Project Name: James Lee's J D Plaza
Project Address: 345 Gause Boulevard
City / Town: Slidell, Louisiana

Intended Use: Retail Shopping Center
Requested Service: 120/240 Volts 1Ø Phase 4 Wires
Service Entrance Size: 600 Amps
HVAC Tonnage: 15.00 Tons (Suite 1)
Largest Motor: N/A HP (Note: Motors above 20 hp may require reduced Voltage starting and are never recommended for use with 120/240V, 3Ø, 4W services.)

Total Building Square Footage: 9,000 Square Feet
Individual Unit Square Footage: N/A Square Feet (Multiple Occupancy)
Individual Unit Designation: N/A (Multiple Occupancy)

LOAD SOURCE	1Ø - kVA	3Ø - kVA	or	1Ø - kW	3Ø - kW
Building Lighting	4,287	-	or	-	-
Electric Water Heating	7,200	-	or	-	-
Heat Pumps	-	-	or	-	-
Supplemental Heat System	-	-	or	-	-
Air Conditioning Condensing Units	-	-	or	-	-
Electrical Heating (Primary) - AHUs	40,000	-	or	-	-
Cooking	-	-	or	-	-
Refrigeration	-	-	or	-	-
Receptacles (Standard)	6,880	-	or	-	-
Receptacles (Computer)	-	-	or	-	-
Total Motors (Exclude HVAC)	-	-	or	-	-
Parking Lot / Exterior Lighting	1,860	-	or	-	-
Miscellaneous - Junction Boxes	192	-	or	-	-
Other (Specify)	-	-	or	-	-

J D PLAZA
345 GAUSE
BOULEVARD
WEST
SLIDELL, LA

ELECTRICAL LIGHTING PLAN

REV:

SCALE: AS NOTED

JOB#: 2037

DATE: 10-29-09

SHEET 18

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