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ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

CECIL BOYD'S
CAR WASH
LOT 5A
EAST HALL ST.
SLIDELL, LA

ELECTRICAL
LIGHTING
PLAN

REV:

SCALE: AS NOTED

JOB#: 2074

DATE: 09-13-10

SHEET 17

E-2

OF 18

LIGHTING LEGEND

- POLE LIGHT, METAL HALIDE (400W) 208V, PHOTOCELL CONTROLLED, WITH 20 ° ANGLED BRACKET AND 25 FEET POLE RATED AT 130 MPH.
- 2x4' FLUORESCENT LIGHT (128W) 120V 1φ
- 2x2' FLUORESCENT LIGHT (100W) 120V 1φ
- SCOTTSDALE SC320 P5MV PULSE-START METAL HALIDE LIGHT (320W) 120 V 1φ
- EXHAUST FAN/LIGHT COMBO (90 w EA.)
- EXIT/EMERGENCY LIGHT COMBO W/ 90 MIN. BATTERY BACKUP (12W)
- EXTERIOR WATERPROOF WALL MOUNTED H.P. METAL HALIDE LIGHT (175W)
- EXHAUST VENT/FAN
- SWITCH
- POWER PANEL

CLECO Power LLC - Electrical Load Summary

Project Name: Cpo's Soft Touch Carwash
 Project Address: Lot 5A East Hall Street
 City / Town: Slidell, Louisiana

Intended Use: Carwash Business
 Requested Service: 208/120 Volts 3 Phase 4 Wires
 Service Entrance Size: 600 Amps
 HVAC Tonnage: N/A Tons (Suite 1)
 Largest Motor: 20 HP (Note: Motors above 20 hp may require reduced Voltage starting and are never recommended for use with 208/120V, 3 φ, 4W services.)

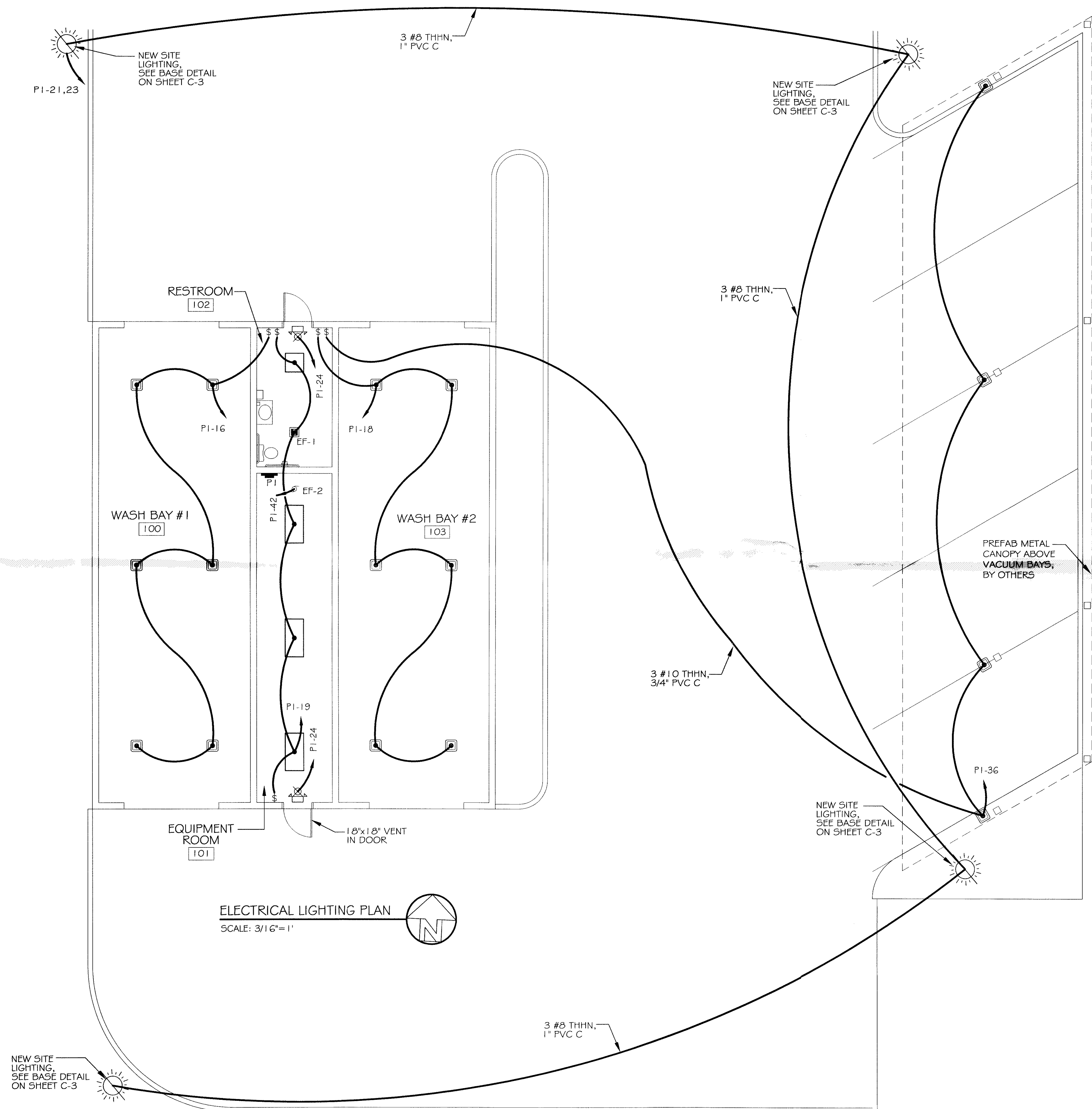
Total Building Square Footage: 2,190 Square Feet
 Individual Unit Square Footage: N/A Square Feet (Multiple Occupancy)
 Individual Unit Designation: N/A (Multiple Occupancy)

LOAD SOURCE	1φ - kVA	3φ - kVA	or	1φ - kW	3φ - kW
Building Lighting	-	3556	or	-	-
Electric Water Heating	-	-	or	-	-
Heat Pumps	-	-	or	-	-
Supplemental Heat System	-	-	or	-	-
Air Conditioning Condensing Units	-	-	or	-	-
Electrical Heating (Primary) - AHUs	-	-	or	-	-
Cooking	-	-	or	-	-
Refrigeration	-	-	or	-	-
Receptacles (Standard)	-	2240	or	-	-
Receptacles (Computer)	-	-	or	-	-
Total Motors (Exclude HVAC)	-	53546	or	-	-
Parking Lot / Exterior Lighting	-	4992	or	-	-
Miscellaneous - Junction Boxes	-	127976	or	-	-
Other (Specify)	-	-	or	-	-

3 8 7 2 7 6
 REVIEWED FOR
 STATE FIRE MARSHAL
 AS PER REVIEW LETTER
 BY WILLIAM D. JONES, ARCHITECT, CBO
William D. Jones

EXHAUST FAN SCHEDULE

NO.	LOCATION	CFM	VOLTAGE	TYPE	MANUFACTURER
EF1	RESTROOM	100	120	VENT	BROAN
EF2	EQUIPMENT ROOM	1000	120	VENT	BROAN W/ THERMOSTAT



ELECTRICAL LIGHTING PLAN
 SCALE: 3/16" = 1'

