



NORTH  
  
**FLOOR PLAN – POWER & SYSTEMS**  
 SCALE: 1/4" = 1' - 0"

**GENERAL NOTES:**

1. PROVIDE DEDICATED NEUTRAL WITH ALL 120V BRANCH CIRCUITS.
2. EQUIPMENT IS BASED ON EQUIPMENT INFORMATION PROVIDED AT THE TIME OF DESIGN. CONTRACTOR SHALL VERIFY FINAL EQUIPMENT SELECTIONS AND REQUIREMENTS (INCLUDING ROUGH-IN LOCATIONS, ELEVATIONS, CONNECTION REQUIREMENTS, DISCONNECT REQUIREMENTS, ETC.) AND LAYOUT INFORMATION AT ROUGH-IN; NOTIFY ENGINEER OF ANY DISCREPANCIES.

**WORK NOTES:**

- 1 EF-2; WIRE THRU LINE VOLTAGE T-STAT , SUPPLIED BY MECHANICAL.
- 2 INTER-LOCK MOTORIZED DAMPER WITH EF-2.
- 3 PROVIDE 2'x 2'x 3/4"PLYWOOD BACKBOARD AS INDICATED. PAINT WITH 2 COATS OF FIRE RETARDANT PAINT. PROVIDE COPPER GROUND BAR CONNECTED TO BUILDING SYSTEM GROUND WITH #6 AWG. PROVIDE 2" C. TO R.O.W. FOR COMMUNICATIONS SERVICE.
- 4 EF-2; PROVIDE NEW 20A MOTOR RATED SNAP SWITCH FOR DISCONNECTION MEANS, IF NOT FURNISHED WITH UNIT. COORDINATE WITH HVAC CONTRACTOR.
- 5 AHU-1; 208V, 1PH, PROVIDE NEW 30A/2P 240V N.F. NEMA-1 SAFETY SWITCH, WITH 1/2" C.-2 #10, #10 GND, TO PANEL. PROVIDE A SIMPLEX RECEPTACLE (NOT SHOWN) FOR CONDENSATE PUMP, CONNECT TO NEAREST 120V RECEPTACLE CIRCUIT. MOUNT AT OR NEAR AHU.
- 6 HP-1; 208V, 1PH, PROVIDE NEW 30A/2P 240V N.F. NEMA-3R SAFETY SWITCH, WITH 1/2" C.-2 #12, #12 GND, TO PANEL.
- 7 IWH; 4.2KW, 208V, 1PH, PROVIDE LOCKABLE "OFF" BREAKER AT PANEL, FOR DISCONNECTION MEANS WITH 1/2" C.-2 #10, #10 GND, TO PANEL.
- 8 DRYER RECEPTACLE: PROVIDE 3/4" C.-3 #10, #10 GND, TO PANEL.
- 9 GAS WATER HEATER: PROVIDE 120V CONTROL POWER, PROVIDE 20A/1P WEATHERPROOF SNAP SWITCH AT UNIT FOR DISCONNECT.
- 10 NEW METER/CT CAN, SEE RISER.

ARD PROJECT #0052  
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**CALIBER CAPITAL CARWASH  
 LAKE WALES, FLORIDA**  
**FLOOR PLAN - POWER & SYSTEMS**

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 This item has been digitally signed and sealed by James M. Lamb on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.  
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