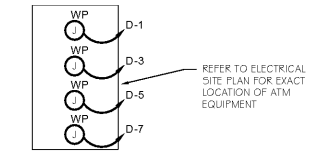


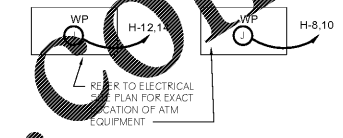
**1 POWER PLAN**  
SCALE: 1/4" = 1'-0"

- ELECTRICAL CONTRACTOR (EC) - GENERAL NOTES:**
- A. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND OTHER APPLICABLE CODES AND STANDARDS.
  - B. ALL DEVICE BOXES SHALL BE INSTALLED FLUSH AND CONDUITS RUN CONCEALED IN FINISHED AREAS EXCEPT AS SPECIFICALLY SHOWN/NOTED OTHERWISE.
  - C. INSTALL POWER AND CONTROL WIRING AND REQUIRED CONTROL COMPONENTS FOR AIR CONDITIONING SYSTEMS AS SHOWN/NOTED ON THE DRAWINGS AND PER OTHER APPLICABLE DRAWING INSTRUCTIONS. REFERENCE MECHANICAL DRAWINGS.
  - D. WIRE SIZE SHALL BE #12 (MINIMUM) UNLESS OTHERWISE NOTED. WIRE SIZE SMALLER THAN #6 AWG SHALL BE THHN/THWN, #6 AWG WIRE AND LARGER SHALL BE THW, UNLESS NOTED OTHERWISE.
  - E. WIRE (CONDUCTOR) COLORS SHALL BE AS PER APPLICABLE CODES.
  - F. ALL CONDUCTORS SHALL BE COPPER.
  - G. ALL CONDUCTORS SHALL BE RUN IN CONDUIT, EXCEPT LOW-VOLTAGE CONTROL AND COMMUNICATIONS CABLES.
  - H. ALL MATERIALS SHALL BE UL APPROVED.
  - I. ALL BRANCH CIRCUITS, EXCEPT INTERIOR LIGHTING, EXTERIOR BUILDING SIGNS, PARAPET LIGHTING AND SOFFIT LIGHTING TO HAVE A GREEN EQUIPMENT GROUNDING CONDUCTOR SIZED AS PER NEC 250-122.
  - J. PVC (SCHEDULE 40) PERMITTED BELOW SLAB AND BELOW GRADE ONLY.
  - K. IT IS INTENDED THAT AN EQUIPMENT GROUND CONDUCTOR (GREEN) SHALL BE RUN IN POWER CIRCUIT CONDUITS WHETHER OR NOT THE CONDUIT IS PVC.
  - L. ALL EMPTY CONDUITS TO BE PROVIDED WITH NYLON PULL STRING.
  - M. NEW TYPEWRITTEN PANEL DIRECTORY SHALL BE FURNISHED AFTER JOB IS COMPLETED REFLECTING ALL AS BUILT CONDITIONS.
  - N. ALL BRANCH CIRCUITS SHALL BE PROPERLY PHASE BALANCED.
  - O. ALL DATA EQUIPMENT TO BE FED BY A DEDICATED CIRCUIT WHICH CONSISTS OF A POWER CIRCUIT THAT FEEDS THIS TYPE OF EQUIPMENT ONLY WITH A SEPARATE GREEN GROUNDING CONDUCTOR CARRIED ALL THE WAY BACK TO THE PANEL TO BE CONNECTED TO THE GROUNDING SYSTEM.
  - P. FUSES SHALL BE DUAL ELEMENT, TIME DELAY TYPE UNLESS OTHERWISE NOTED.
  - Q. EC SHALL VERIFY INTERIOR DECOR THEME TO BE USED AND COORDINATE WITH SAID THEME.
  - R. EC SHALL INSTALL AND CONNECT WIRING TO ALL SIGNS.
  - S. EC TO COORDINATED ROUGHING-IN TO ALL EQUIPMENT WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLING CONDUITS.

- ELECTRICAL CONTRACTOR (EC) - H.V.A.C.:**
- A. THE EC SHALL FURNISH AND INSTALL PITCH PANS FOR POWER AND CONTROL WIRING AND TO MAINTAIN 12" MINIMUM CLEARANCE FROM BACK PANEL OF AIR CONDITIONING UNITS.
  - B. EC SHALL INSTALL ALL LOW-VOLTAGE CONTROL WIRING FOR ALL AIR CONDITIONING UNITS AND FANS. COORDINATE AIR CONDITIONING AND ELECTRICAL PLANS.
  - C. EC SHALL FURNISH AND INSTALL DISCONNECTS FOR AIR CONDITIONING UNITS.
  - D. EC SHALL USE A MINIMUM OF 4-5" SEALTITE FLEXIBLE CONDUIT WHEN WIRING KITCHEN HOOD EXHAUST FANS ON ROOF SO THAT FANS MAY BE REMOVED FROM CURBS AND PLACED ON ROOF FOR CLEANING EXHAUST DUCTWORK.



**1 ATM DETAIL**  
SCALE: NONE



**2 CAR CHARGER DETAIL**  
SCALE: NONE

SYMBOL LEGEND	
DETAIL	DESCRIPTION
⌘	TOGGLE SWITCH - SINGLE POLE HUBBELL #1221-1
⌘	PUSHBUTTON SWITCH
⌘	SINGLE RECEPTACLE HUBBELL #5361-1
⌘	DUPLEX RECEPTACLE HUBBELL #5362-1
⌘	208V RECEPTACLE HUBBELL 208V, 1ϕ - #5352-1 208V, 3ϕ - #5420
⌘	TELEPHONE OUTLET WITH BUSHED HOLE COVERPLATE
⌘	JUNCTION OR GANG BOX
⌘	CABLE TELEVISION OUTLET
⌘	BUZZER / BELL
⌘	REAR DOOR ALARM
⌘	TRANSFORMER

ABBREVIATIONS	
A-3	CONDUIT RUN WITH ARROW DENOTING HOMERUN. SUBSCRIPT INDICATES PANEL AND CIRCUIT NO. GROUND CONDUCTOR REQUIRED IN ALL CONDUITS BUT NOT INDICATED.
GFCI	GROUND FAULT CIRCUIT INTERRUPTING
W.P.	WEATHERPROOF
A.F.F.	ABOVE FINISHED FLOOR.
I.G.	ISOLATED GROUND

OWNERS:  
ESTEL DEVELOPMENT LLC  
763 NE 193RD TERRACE  
MIAMI, FL 33179

SCALE	REVISION
DATE: 8-14-20	NO.

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REGISTRATION NO. AA 0002786

PAUL B. GERSEN  
STATE OF FLORIDA  
REGISTERED PROFESSIONAL ARCHITECT

PROJECT LOCATION  
ESTEL PLAZA  
2890-2894 WEST BROWARD BLVD  
FT LAUDERDALE, FLORIDA 33312

SHEET TITLE  
POWER PLAN

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SHEET NO.  
**E-1.0**

JOB NO.  
2020-002