



**ELECTRICAL KEYNOTES:** (○)

- 1 EXISTING PANELBOARD TO REMAIN (OLD NAME WAS 'HP1'). PROVIDE EXTERNAL SURGE PROTECTION DEVICE (SPD) ON WALL ADJACENT PANEL. KEEP SPD CONNECTION LEADS UNDER 36" AND AS STRAIGHT AS POSSIBLE.
- 2 PROVIDE NEW TRANSFORMER UNDER BASE BID.
- 3 ROUTE POWER TO RECEPTACLE FROM BELOW SLAB THEN UP TO BOX WITHIN 8" HIGH WALL BELOW WINDOWS.
- 4 RE-CONNECT NEW ADA DOOR OPERATOR MOTORS TO EXISTING CIRCUIT THAT WAS PREVIOUSLY CONNECTED TO KELLY CLOSURE ENTRANCE ADA MOTORS. CUT, SPLICE, AND EXTEND CONDUIT AND WIRING AS REQUIRED. SEE EY1-01W FOR ADDITIONAL INFORMATION.
- 5 GROUND BAR. UTILIZED FOR TRANSFORMER GROUNDING CONNECTION. SEE TRANSFORMER GROUNDING DETAIL.
- 6 PROVIDE NEW RECEPTACLE. RE-CONNECT BACK TO EXISTING CIRCUIT. CUT, SPLICE, AND EXTEND CONDUIT AND WIRING AS REQUIRED.
- 7 POWERED PIECE OF FURNITURE. PROVIDE FURNITURE WHIP AND CONNECT TO FURNITURE AS REQUIRED. COORDINATE LOCATION AND CONNECTION REQUIREMENTS WITH CABINET CONTRACTOR.
- 8 PROVIDE NEW PANELBOARD UNDER BASE BID.
- 9 ROUTE WITH 3-#8, 1-#10 GROUND, 3/4" CONDUIT.
- 10 PROVIDE ALL REQUIRED ELECTRICAL AND CONTROLS CONNECTIONS TO EXTERIOR MECHANICAL CONDENSING UNIT ON TOP OF NEW POLICE AREA ROOF. SEE ROOF POWER PLAN FOR ADDITIONAL INFORMATION.
- 11 CONNECT TO A NEW 30A/2P BREAKER IN PANELBOARD INDICATED FOR UPS CONNECTION. COORDINATE BREAKER LOCATION AND ALL WORK WITH VA ELECTRICAL DEPARTMENT. ROUTE WITH #10 WIRE.
- 12 MOUNT RECEPTACLE TO TOP OF RACK OR IN LOCATION DIRECTED BY VA TELECOMMUNICATIONS DEPARTMENT. COORDINATE LOCATION OF RECEPTACLE WITH VA TELECOMMUNICATIONS DEPARTMENT PRIOR TO ROUGH-IN.
- 13 NEMA L6-30R RECEPTACLE FOR VA PROVIDED UPS. COORDINATE RECEPTACLE TYPE AND LOCATION OF RECEPTACLE WITH VA TELECOMMUNICATIONS DEPARTMENT PRIOR TO ROUGH-IN.
- 14 120 VOLT POWER CONNECTIONS TO ACCESS CONTROL PANELS FOR NEW TELECOMMUNICATIONS ROOM AND POLICE AREA ACCESS CONTROL DEVICES.
- 15 CONNECT TO A NEW OR SPARE 20A/1P BREAKER IN PANELBOARD INDICATED. COORDINATE BREAKER LOCATION AND ALL WORK WITH VA ELECTRICAL DEPARTMENT. ROUTE WITH #10 WIRE.
- 16 CONNECT NEW RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT.
- 17 PROVIDE ALL REQUIRED ELECTRICAL CONNECTIONS TO FIRE/SMOKE DAMPER.
- 18 PROVIDE 120 VOLT CONNECTIONS TO NEW DOOR OPENER MOTOR. SEE EY1-01W FOR ADDITIONAL INFORMATION.

NOTE: NO SURFACE MOUNTED CONDUIT & JUNCTION BOXES ALLOWED, INCLUDING STAIR TOWER.

**1 POWER FIRST FLOOR PLAN**  
SCALE 1/8" = 1'-0"

100% BID DOCUMENTS - FULLY SPRINKLERED

three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot

1- ADDENDUM 00002	4 APR 2018
Revisions	Date

**CONSULTANTS:**

**FARRIS ENGINEERING**  
 CIVIL | MECHANICAL | ELECTRICAL | CONSTRUCTION  
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**POWER FIRST FLOOR PLAN**

Approved Project Director  
**VAPAC'S PLANNING AND ENGINEERING**  
 AE Project # 171-005

**Project Title**  
 CORRECT LIFE SAFETY DEFICIENCIES

**Project Number**  
 636A8-16-006

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