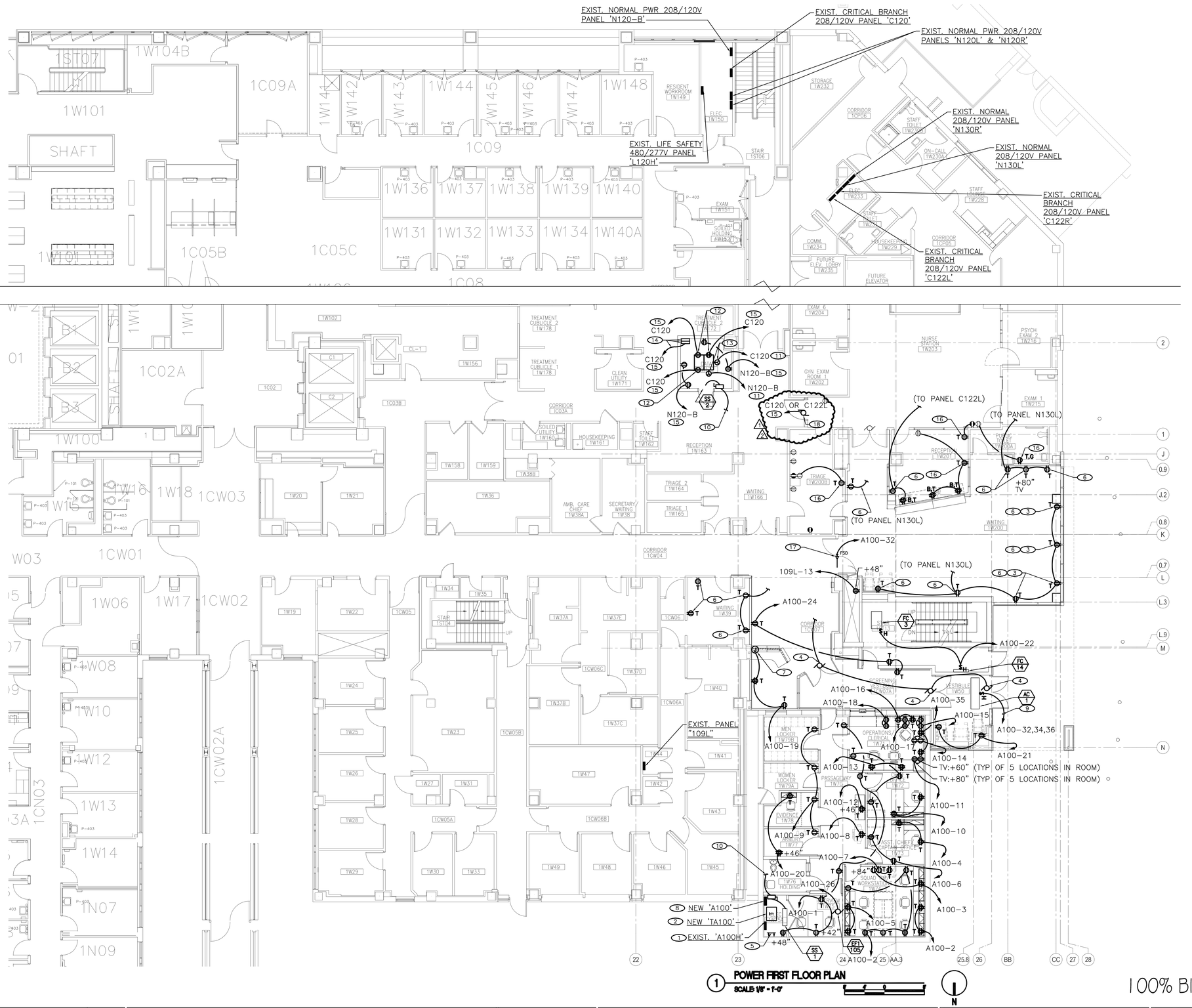


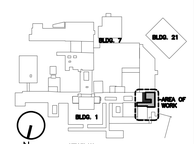
ELECTRICAL KEYNOTES: (⬭)

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 EY2-01W FOR ADDITIONAL INFORMATION.

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

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

N



100% BID DOCUMENTS - FULLY SPRINKLERED

Scale: 1/8" = 1'-0"

Revisions:	Date
-	-
-	-
-	-
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-	-
-	-
-	-
-	-
2 - ADDENDUM 00005	19 APR 2018
1 - ADDENDUM 00002	4 APR 2018

CONSULTANTS:

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AE Project # 171-005

Drawing Title: POWER FIRST FLOOR PLAN
-

Project Title: CORRECT LIFE SAFETY DEFICIENCIES

Approved: Project Director
-
-
VAPAHCS PLANNING AND ENGINEERING

Location: IOWA CITY VA HEALTH CARE SYSTEM

Date: 19 SEPTEMBER 2017 | **Checked:** RDM | **Drawn:** JAW

Project Number: 636A8-16-006

Building Number: 01

Drawing Number: EP2-01W
Volume 2 of 2
Dwg. 146 of 176

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

VA FORM 08-6231

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
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