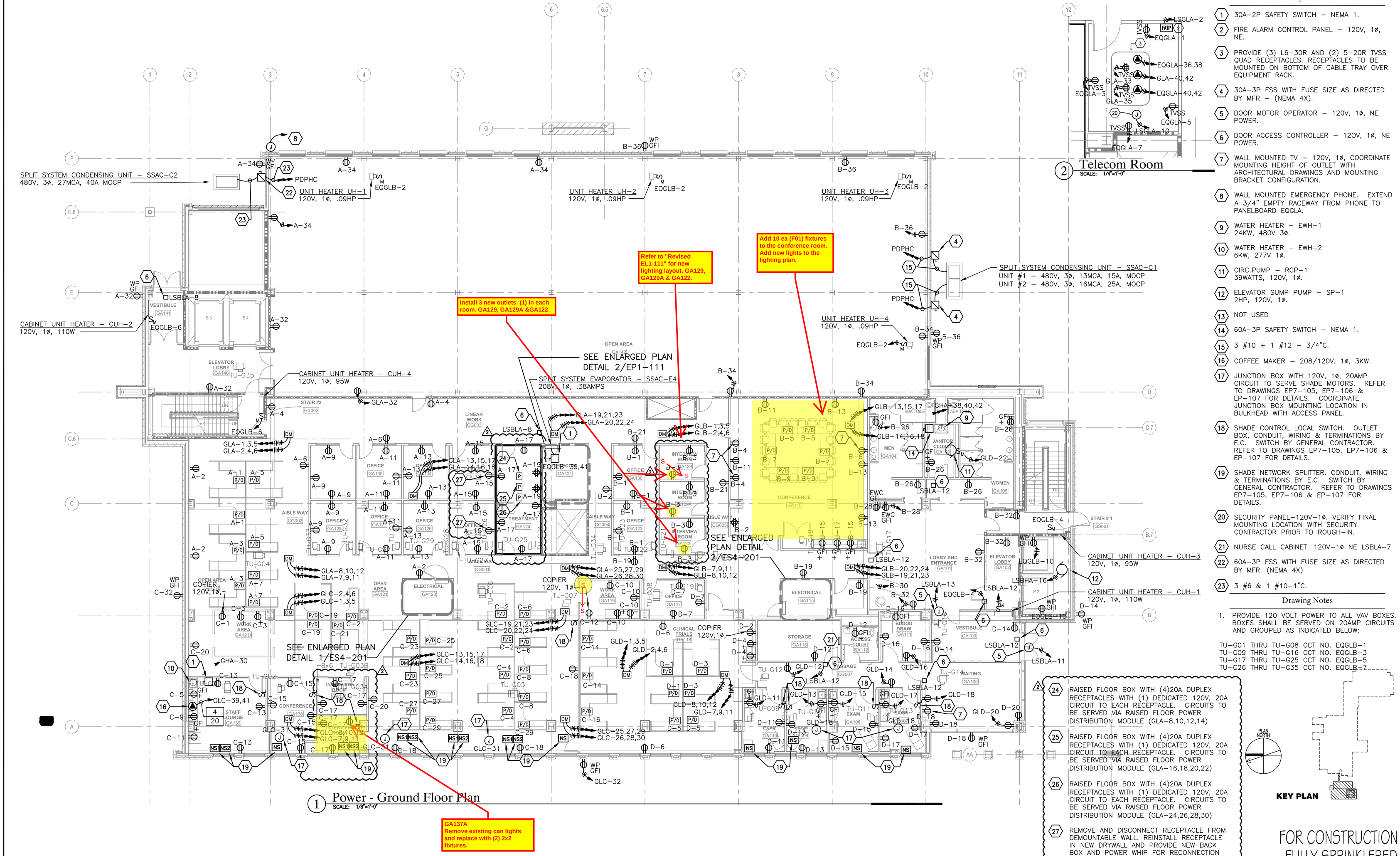

1 Power - Ground Floor Plan
SCALE: 1/8"=1'-0"

2 Telecom Room
SCALE: 1/4"=1'-0"

Key Notes

1. 30A–2P SAFETY SWITCH – NEMA 1.
2. FIRE ALARM CONTROL PANEL – 120V, 1ø, NE.
3. PROVIDE (3) L6–30R AND (2) 5–20R TVSS QUAD RECEPTACLES. RECEPTACLES TO BE MOUNTED ON BOTTOM OF CABLE TRAY OVER EQUIPMENT RACK.
4. 30A–3P FSS WITH FUSE SIZE AS DIRECTED BY MFR – (NEMA 4X).
5. DOOR MOTOR OPERATOR – 120V, 1ø, NE POWER.
6. DOOR ACCESS CONTROLLER – 120V, 1ø, NE POWER.
7. WALL MOUNTED TV – 120V, 1ø, COORDINATE MOUNTING HEIGHT OF OUTLET WITH ARCHITECTURAL DRAWINGS AND MOUNTING BRACKET CONFIGURATION.
8. WALL MOUNTED EMERGENCY PHONE. EXTEND A 3/4" EMPTY RACEWAY FROM PHONE TO PANELBOARD EQGLA.
9. WATER HEATER – EWH–1 24KW, 480V 3ø.
10. WATER HEATER – EWH–2 6KW, 277V 1ø.
11. CIRC.PUMP – RCP–1 39WATTS, 120V, 1ø.
12. ELEVATOR SUMP PUMP – SP–1 2HP, 120V, 1ø.
13. NOT USED
14. 60A–3P SAFETY SWITCH – NEMA 1.
15. 3 #10 + 1 #12 – 3/4"C.
16. COFFEE MAKER – 208/120V, 1ø, 3KW.
17. JUNCTION BOX WITH 120V, 1ø, 20AMP CIRCUIT TO SERVE SHADE MOTORS. REFER TO DRAWINGS EP7–105, EP7–106 & EP–107 FOR DETAILS. COORDINATE JUNCTION BOX MOUNTING LOCATION IN BULKHEAD WITH ACCESS PANEL.
18. SHADE CONTROL LOCAL SWITCH. OUTLET BOX, CONDUIT, WIRING & TERMINATIONS BY E.C. SWITCH BY GENERAL CONTRACTOR. REFER TO DRAWINGS EP7–105, EP7–106 & EP–107 FOR DETAILS.
19. SHADE NETWORK SPLITTER. CONDUIT, WIRING & TERMINATIONS BY E.C. SWITCH BY GENERAL CONTRACTOR. REFER TO DRAWINGS EP7–105, EP7–106 & EP–107 FOR DETAILS.
20. SECURITY PANEL–120V–1ø. VERIFY FINAL MOUNTING LOCATION WITH SECURITY CONTRACTOR PRIOR TO ROUGH–IN.
21. NURSE CALL CABINET. 120V–1ø NE LSBLA–7
22. 60A–3P FSS WITH FUSE SIZE AS DIRECTED BY MFR. (NEMA 4X)
23. 3 #6 & 1 #10–1"C.

Drawing Notes

1. PROVIDE 120 VOLT POWER TO ALL VAV BOXES. BOXES SHALL BE SERVED ON 20AMP CIRCUITS AND GROUPED AS INDICATED BELOW:

TU–G01 THRU TU–G08 CCT NO. EQGLB–1
TU–G09 THRU TU–G16 CCT NO. EQGLB–3
TU–G17 THRU TU–G25 CCT NO. EQGLB–5
TU–G26 THRU TU–G35 CCT NO. EQGLB–7

2
24. RAISED FLOOR BOX WITH (4)20A DUPLEX RECEPTACLES WITH (1) DEDICATED 120V, 20A CIRCUIT TO EACH RECEPTACLE. CIRCUITS TO BE SERVED VIA RAISED FLOOR POWER DISTRIBUTION MODULE (GLA–8,10,12,14)
25. RAISED FLOOR BOX WITH (4)20A DUPLEX RECEPTACLES WITH (1) DEDICATED 120V, 20A CIRCUIT TO EACH RECEPTACLE. CIRCUITS TO BE SERVED VIA RAISED FLOOR POWER DISTRIBUTION MODULE (GLA–16,18,20,22)
26. RAISED FLOOR BOX WITH (4)20A DUPLEX RECEPTACLES WITH (1) DEDICATED 120V, 20A CIRCUIT TO EACH RECEPTACLE. CIRCUITS TO BE SERVED VIA RAISED FLOOR POWER DISTRIBUTION MODULE (GLA–24,26,28,30)
27. REMOVE AND DISCONNECT RECEPTACLE FROM DEMOUNTABLE WALL. REINSTALL RECEPTACLE IN NEW DRYWALL AND PROVIDE NEW BACK BOX AND POWER WHIP FOR RECONNECTION TO POWER DISTRIBUTION MODULE

PLAN NORTH

KEY PLAN

FOR CONSTRUCTION
FULLY SPRINKLERED

Revisions:		Date
2	VAMC Partition Changes	04–15–13
1	Amendment #8	11–18–10

CONSULTANTS:

HDR Architecture, Inc.
1101 King Street | Suite 400 | Alexandria, Virginia 22314-2944 | 703.518.8500

ARCHITECT/ENGINEERS:

ARCHITECTURE ENGINEERING INTERIOR DESIGN DESIGN/BUILD ASTORINO
227 Fort Pitt Boulevard Pittsburgh Pennsylvania 15222
TEL 412 765 1700 FAX 412 765 1711 www.astorino.com

Drawing Title: **Power Ground Floor Plan**
Approved: Project Director

Project Title: **VA CARES CONSOLIDATION VAMC, PITTSBURGH, PA RESEARCH OFFICE BLDG.**
Location: **VAPHS UNIVERSITY DRIVE**
Date: **08-18-10** | Checked: **TMR** | Drawn: **LLG**

Project Number: **646CA2500R**
Building Number: **30**
Drawing Number: **EP1-111**
Dwg -- of --

Office of Facilities Management
Department of Veterans Affairs

VA FORM 08–6231, OCT 1978

P:\Project\2005425.00\CAD\UNIVERSITY DRIVE\Research Office Building\Electrical\EP1-111.dwg 08/18/10 - 13:54:27 SSTROBEL
three eighths inch = one foot | one quarter inch = one foot | one half inch = one foot | one and one half inches = one foot | one inch = one foot | three quarters inch = one foot | three inches = one foot