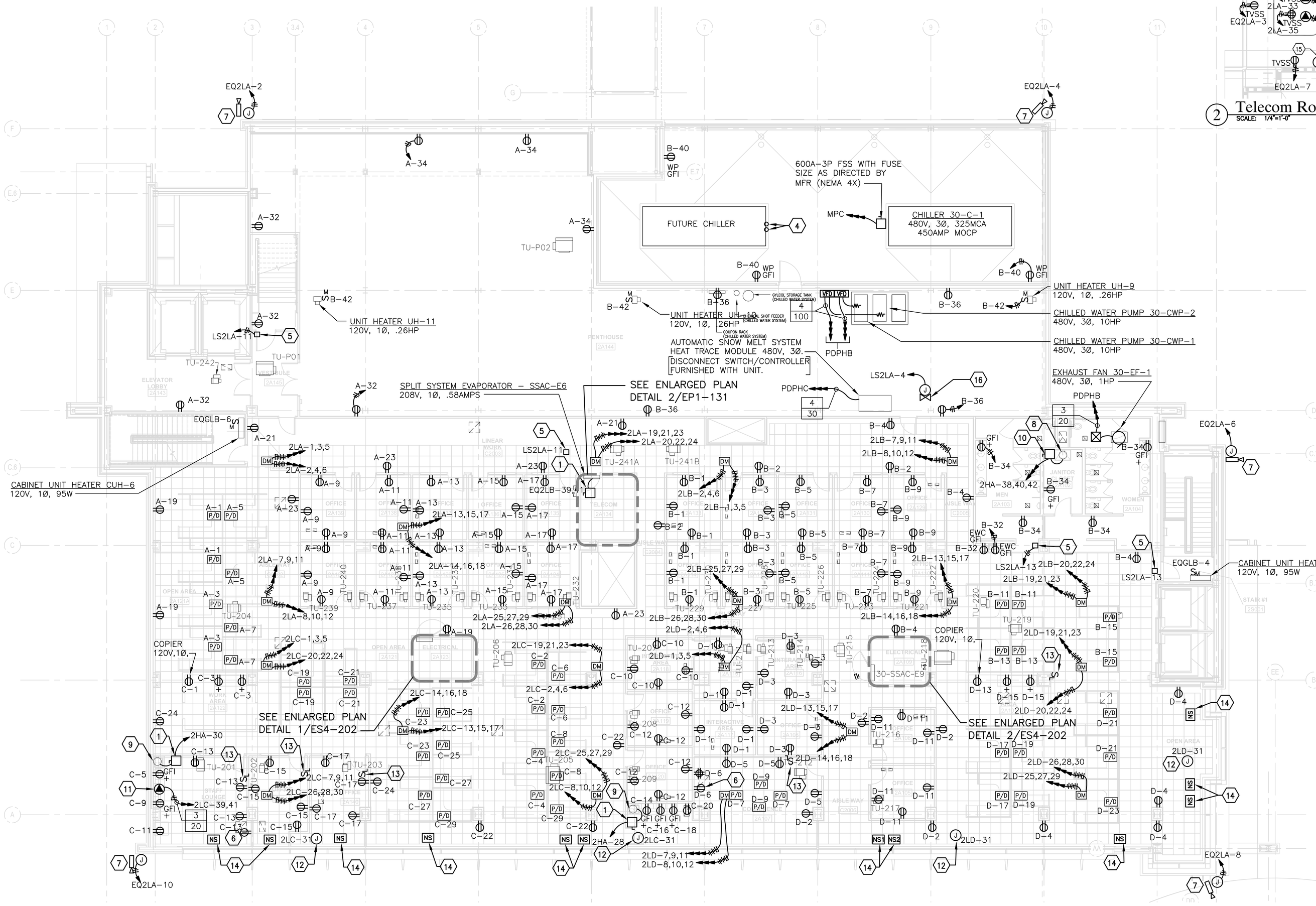
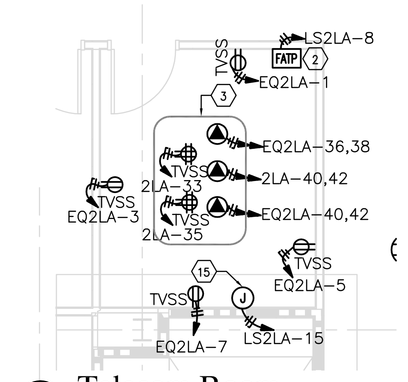


1 Power - 2nd Floor Plan
SCALE: 1/8"=1'-0"



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

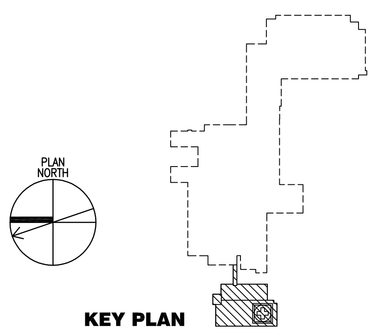
Key Notes

1. 30A-2P SAFETY SWITCH - NEMA 1.
2. FIRE ALARM TRANSPONDER 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. PROVIDE 2-2 1/2" EMPTY CIRCUITS WITH DRAG WIRES FROM MAIN POWER CENTER TO FUTURE CHILLER. CAP CONDUITS ABOVE ROOF FOR FUTURE USE.
5. DOOR ACCESS CONTROLLER - 120V, 1Ø, NE POWER.
6. WALL MOUNTED TV - 120V, 1Ø, COORDINATE MOUNTING HEIGHT OF OUTLET WITH ARCHITECTURAL DRAWINGS AND MOUNTING BRACKET CONFIGURATION.
7. EXTERIOR SECURITY CAMERA HEATER & BLOWER - 120V, 1Ø. VERIFY EXACT MOUNTING LOCATION PRIOR TO ROUGH-IN. SECURITY EQUIPMENT BY OTHER CONTRACTOR.
8. WATER HEATER - EWH-1 - 24KW, 480V, 3Ø.
9. WATER HEATER - EWH-2 - 6KW, 277V, 1Ø.
10. 60A-3P SAFETY SWITCH - NEMA 1
11. COFFEE MAKER - 208/120V, 1Ø, 3KW.
12. 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.
13. 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.
14. SHADE NETWORK SPLITTER. CONDUIT, WIRING & TERMINATIONS BY E.C. SWITCH BY GENERAL CONTRACTOR. REFER TO DRAWINGS EP7-105, EP7-106 & EP-107 FOR DETAILS.
15. SECURITY PANEL-120V-1Ø. VERIFY FINAL MOUNTING LOCATION WITH SECURITY CONTRACTOR PRIOR TO ROUGH-IN.
16. DELUGE VALVE AND CONTROL PANEL. 120V, 1Ø, NE POWER.

Drawing Notes

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

TU-201 THRU TU-210 CCT NO. EQ2LB-1
TU-211 THRU TU-220 CCT NO. EQ2LB-3
TU-221 THRU TU-231 CCT NO. EQ2LB-5
TU-232 THRU TU-242 CCT NO. EQ2LB-7



FOR CONSTRUCTION
FULLY SPRINKLERED

Revisions:	Date

CONSULTANTS:

HDR

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 2nd 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: **EP1-131**

Dwg. -- of --

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

P:\Project\20050425.00\CAD\UNIVERSITY DRIVE\Research Office Building\Electrical\EP1-131.dwg LGARDNER 11/20/09 : 13:48:53