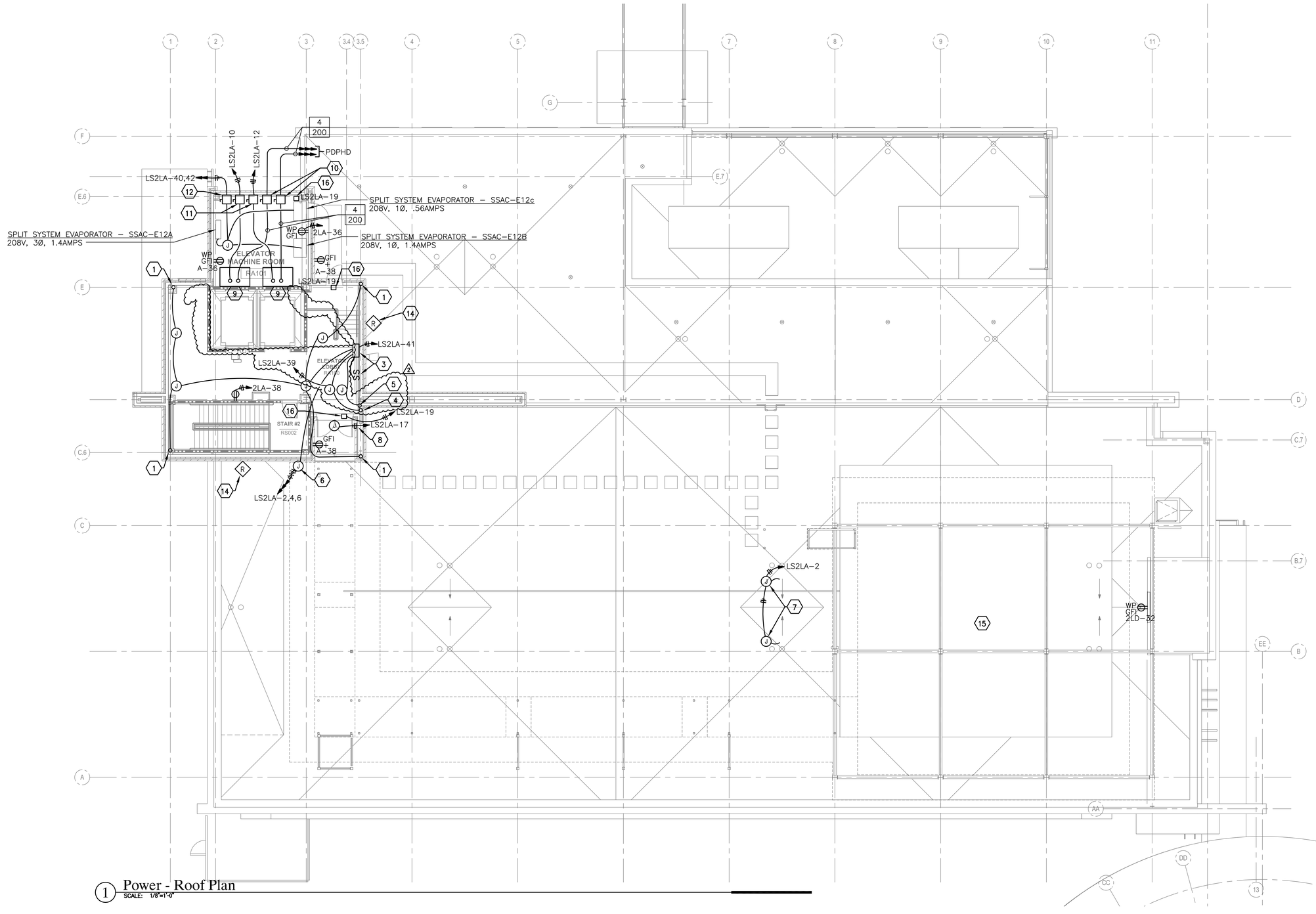


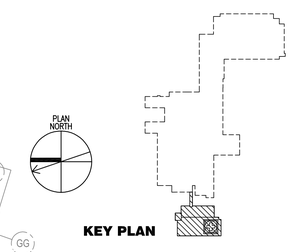
1 Power - Roof Plan
SCALE: 1/8"=1'-0"

Key Notes

1. OBSTRUCTION LIGHT, EXTEND 1/2" RIGID CONDUIT WITH WIRING UP THROUGH ROOF AND SECURE TO PARAPET WALL. REFER TO OBSTRUCTION LIGHT MOUNTING DETAILS ON THE HELIPAD DESIGN DRAWINGS, SHEETS E–1 & E–2.
2. WIND CONE, EXTEND 3/4" RIGID CONDUIT WITH WIRING UP THROUGH ROOF. REFER TO WIND CONE MOUNTING DETAILS ON THE HELIPAD DESIGN DRAWINGS, SHEETS E–1 & E–2.
3. RADIO OPERATED LIGHTING CONTROLLER. REFER TO ROLC WIRING DIAGRAM FOR ALL RACEWAY & SWITCHES REQUIRED FOR THIS SYSTEM. SEE HELIPAD DESIGN DRAWINGS, SHEETS E–1 & E–2.
4. ROTATING BEACON, EXTEND RACEWAY & WIRING UP TO ROTATING BEACON. SEE HELIPAD DESIGN DRAWINGS, SHEETS E–1 & E–2.
5. ANTENNA, EXTEND 3/4" RIGID CONDUIT UP THROUGH ROOF AND SECURE AS REQUIRED. REFER TO ROLC ANTENNA MOUNTING DETAIL ON HELIPAD DESIGN DRAWINGS, SHEETS E–1 & E–2.
6. J–BOX FOR LIGHTING SHALL BE WALL MOUNTED BELOW PLATFORM. FURNISH AND INSTALL ALL RACEWAY AND WIRING AS INDICATED ON THE HELIPAD DESIGN DRAWINGS, SHEETS E–1 & E–2.
7. FUEL/WATER SEPARATOR – 120V, 1Ø NE.
8. DOOR MOTOR OPERATOR – 120V, 1Ø, NE POWER.
9. ELEVATOR CONTROLLER – 60HP, 480, 3Ø.
10. ELEVATOR POWER MODULE/FUSIBLE DISCONNECT SWITCH – 200A, 480V, 3Ø. BUSSMAN CAT # PS2–T48–R1–K–G–A–F3.
11. 30A–2P SAFETY SWITCH – NEMA 1. (CAR LIGHTING & FAN)
12. 30A–2P SAFETY SWITCH – NEMA 1.
13. DOOR ACCESS CONTROLLER – 120V, 1Ø, NE POWER.
14. SHADE RADIOMETER. OUTLET BOX, CONDUIT, WIRING AND TERMINATIONS BY E.C. RADIOMETER BY GENERAL CONTRACTOR. REFER TO DRAWINGS EP7–105, EP7–106 & EP7–107 FOR DETAILS. VERIFY EXACT MOUNTING LOCATION OF RADIOMETER WITH SYSTEM INSTALLER PRIOR TO ROUGH–IN.
15. CONTRACTOR TO COORDINATE HELIPAD LIGHTNING PROTECTION SYSTEM GROUNDING REQUIREMENTS WITH THE HELIPAD CONTRACTOR.
16. DOOR ACCESS CONTROLLER. 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–R01 CCT NO. EQ2LB–9
2. ALL RACEWAYS PENETRATING THE ROOF SERVING LIGHTING, WIND CONE AND ANTENNA SYSTEM SHALL BE BONDED TO THE LIGHTNING PROTECTION SYSTEM



KEY PLAN

FOR CONSTRUCTION
FULLY SPRINKLERED

Revisions:	Date
2 Amendment 10	12/23/2010
1 Amendment #8	11-18-10

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Drawing Title: **Power Roof 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: **EP1-141**
Dwg: -- of --

Office of Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

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