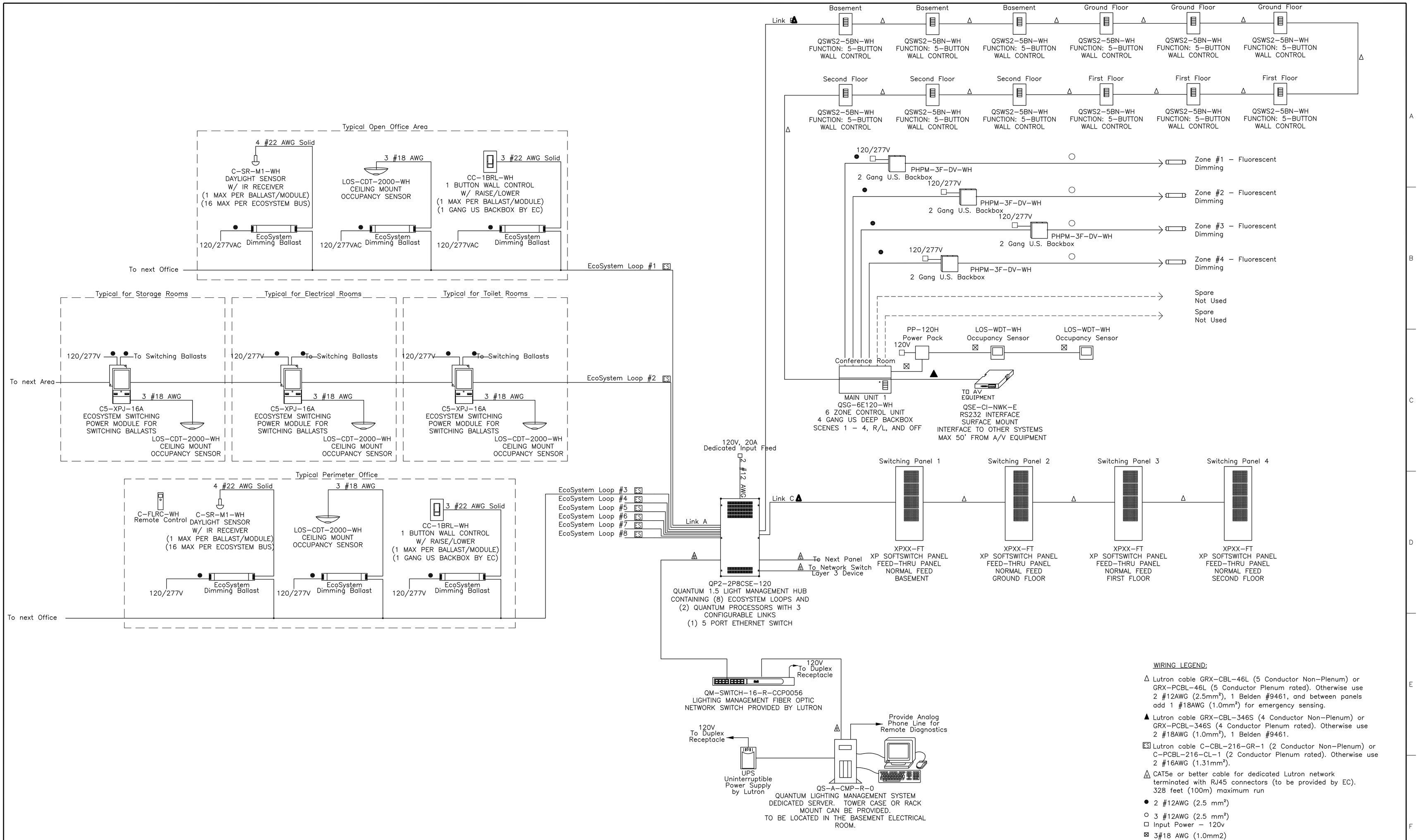

WIRING LEGEND:

- Δ Lutron cable GRX-CBL-46L (5 Conductor Non-Plenum) or GRX-PCBL-46L (5 Conductor Plenum rated). Otherwise use 2 #12AWG (2.5mm²), 1 Belden #9461, and between panels add 1 #18AWG (1.0mm²) for emergency sensing.
- ▲ Lutron cable GRX-CBL-346S (4 Conductor Non-Plenum) or GRX-PCBL-346S (4 Conductor Plenum rated). Otherwise use 2 #18AWG (1.0mm²), 1 Belden #9461.
- ES Lutron cable C-CBL-216-GR-1 (2 Conductor Non-Plenum) or C-PCBL-216-CL-1 (2 Conductor Plenum rated). Otherwise use 2 #16AWG (1.31mm²).
- △ CAT5e or better cable for dedicated Lutron network terminated with RJ45 connectors (to be provided by EC). 328 feet (100m) maximum run
- ● 2 #12AWG (2.5 mm²)
- ○ 3 #12AWG (2.5 mm²)
- □ Input Power - 120v
- ⊠ 3#18 AWG (1.0mm2)

4 Building Lighting Control System Wiring Diagram - Alternate

SCALE: No Scale

FOR CONSTRUCTION
FULLY SPRINKLERED

Revisions:	Date

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Drawing Title: **Electrical Details**

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: **EP7-109**

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Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

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