

ELECTRICAL SAFETY & CODE COMPLIANCE UPGRADE

CASE STUDY



A site inspection uncovered several critical electrical hazards:

CHALLENGE

- Incorrect Breakers: Wires were connected to 15-amp breakers instead of the required 30-amp breakers.
- Exposed Wiring: Cables were unprotected and not enclosed in conduit.
- Unsafe Water Heater Setup: No shut-off switches; connections showed corrosion.
- Non-Code Wiring: Wiring did not meet the required AWG #10 copper standard.
- No Emergency Disconnects: The system lacked disconnect switches for safe shutdowns.

SOLUTION

- Rewired hot water heater connections using code-compliant AWG #10 copper wiring.
- Installed two emergency disconnect switches.
- Routed all exposed wiring through aluminum conduit to the panel.
- Replaced all 15-amp breakers with individual 30-amp breakers.

RESULT

- System brought to code
- Safer operations
- Reduced risk of electrical failure
- Improved long-term reliability



Planned Companies
Janitorial • Maintenance • Security • Concierge

ELECTRICAL SAFETY & CODE COMPLIANCE UPGRADE CASE STUDY



Planned Companies' Maintenance Division delivers expert repairs with safety and compliance at the core. Contact us to schedule your next service.



Contact me to discuss your property's needs!

Liridon Salovic

Maintenance Director

M: 917.480.0227 | LSalovic@plannedcompanies.com

PlannedCompanies.com