

Floor Receptacle Circuit Repair

RESIDENTIAL ELECTRICAL REPAIR

LOCATION: BENEATH A MOBILE HOME



Project Summary

I repaired a circuit serving three floor receptacles powering a window A/C unit and refrigerator beneath a mobile home. Voltage drop and poor performance were traced to the original daisy-chained installation. I added an accessible junction box and reconfigured the circuit with proper pigtail connections so each receptacle is wired in parallel.

I secured the conduit, corrected exposed wiring, and replaced improperly installed wall-style outlets with 20-amp tamper-resistant, weatherproof floor boxes equipped with protective covers and USB charging ports. After installation, I tested the system to confirm proper voltage, grounding, polarity, and improved appliance operation.

● VERIFIED: Voltage | Grounding | Polarity | Appliance operation