PIXLY

Electrician Panel Upgrade Photo Checklist

Most electrical work — wire routing, rough-in connections, grounding, conduit runs — disappears behind drywall, above drop ceilings, and under concrete. When an inspection fails or a dispute surfaces, the question is always the same: **can you prove what was installed, how it was wired, and that it met code?** This guide gives your crew the exact shots to capture at every critical phase — for new construction, service upgrades, and commercial work alike.

THE 7 PHASES

Document Every Phase, Protect Every Job

PHASE

01 Pre-Job Site Assessment

☐ Panel brand, size & condition
☐ Meter base & service entrance
☐ Knob-and-tube or aluminum wiring
☐ Existing GFCI / AFCI protection

☐ Water or fire damage near panels
☐ Double-tapped breakers visible
☐ Grounding electrode condition
☐ Permit & approved plans on-site

☐ Electrical room access & clearance
☐ Utility connection point

PHASE

02 Safety, Lockout & Pre-Conditions

☐ LOTO applied & photographed
☐ Voltage tester on known live circuit
☐ PPE in use — gloves, safety glasses

☐ Arc flash signage posted
☐ Working clearance: 3 ft minimum
☐ Dedicated electrical space clear

☐ Wet or damp conditions noted
☐ Hazmat near electrical equipment

PHASE

03 Rough-In Wire Routing & Boxes

☐ Wide shot of all rough-in wiring
☐ Cable secured within 12" of box
☐ Cable stapled every 4.5 ft
☐ Nail plates on exposed stud edges

☐ Box fill — conductors visible
☐ Box mounting height & attachment
☐ Wire type & gauge labeled
☐ Conduit bends & supports

☐ Separation from low-voltage
☐ Multi-wire circuit labels

04 PHASE
Panel, Service Entrance & Grounding

☐ Panel amperage rating & label

☐ Service entrance conductor size

☐ Weatherhead drip loop

☐ Meter base & socket condition

☐ Main breaker size & rating

☐ Neutral on own terminal (408.41)

☐ Ground/neutral separation sub-panel

☐ Grounding electrode conductor

☐ Ground rod depth & bonding

05 PHASE
Circuit Wiring, Devices & Receptacles

☐ AFCI breakers per NEC 210.12

☐ GFCI: kitchen, bath, garage, outdoor

☐ Tamper-resistant receptacles (TR)

☐ Receptacle spacing: max 6 ft apart

☐ Small appliance circuits — counters

☐ Dedicated circuits: fridge, DW, EV

☐ 240V: wire gauge matches breaker

☐ Switch loop white wire re-identified

☐ Box grounding conductors pigtailed

06 PHASE
Specialty Systems & Code Items

☐ Smoke & CO detector wiring

☐ Emergency disconnect labeled

☐ Surge protector installed (230.67)

☐ EV charger circuit & disconnect

☐ Generator / transfer switch wiring

☐ Solar / battery system disconnect

☐ Bathroom exhaust fan circuit

☐ Outdoor receptacle WP covers

☐ Pool / spa bonding grid

07 PHASE
Final Inspection & Closeout

☐ Panel directory — circuits labeled

☐ Permit card / inspection sticker

☐ Cover plates & box covers on

☐ Breaker sizing matches wire gauge

☐ Inspector signature on permit

☐ Final panel interior — dressed

☐ Underground / trench before backfill

☐ As-built photos: concealed work

☐ Client walkthrough — key circuits

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HOW TO USE THIS IN THE FIELD

Turn This Checklist Into Your Daily Workflow

01   **Photograph Before the Wall Closes**
Rough-in, grounding, and wire routing disappear behind drywall. Once it's covered, there's no going back — and no proof.

02   **Capture Every Label and Rating**
Panel brand, breaker amperage, wire gauge markings, and inspection stickers are the details that win disputes and pass re-inspections.

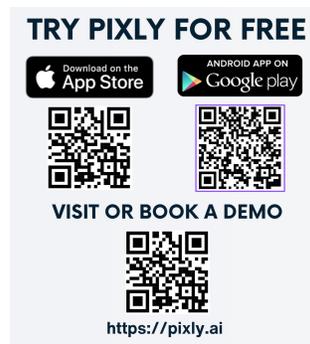**03**   **Document the Pre-Existing Condition First**
Photos of the old panel, existing wiring type, and pre-job hazards protect you from being blamed for conditions you inherited.

04   **Get the Permit Sticker in Every Final Shot**
A photo of completed work alongside the stamped permit card is the clearest proof of a code-compliant, inspected installation.

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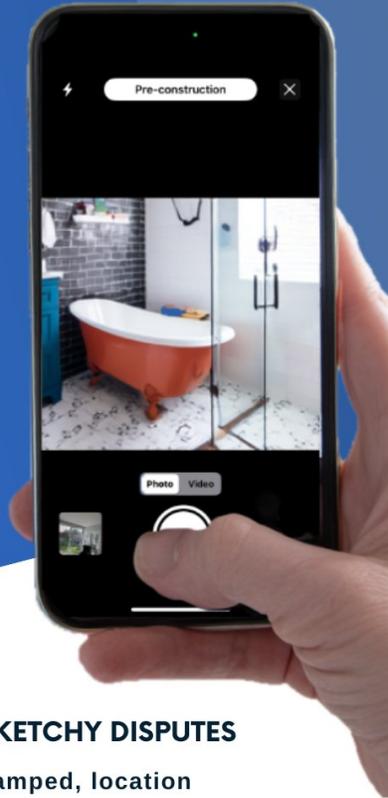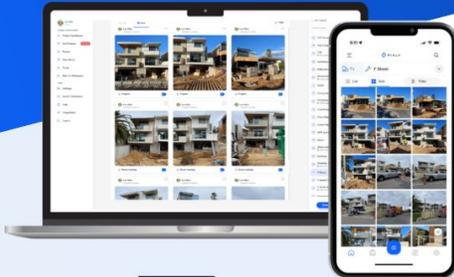
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STOP SKETCHY DISPUTES

Time stamped, location stamped records of pre-construction conditions, progress and work completed.

STOP WORK PHOTO CHAOS

Never text another work photo. Never upload to another disorganized drive. Never lose photos in between family pictures.

ASSIGN AND TRACK TASKS

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