

Miami-Dade County — Residential

Electrical Plan Review Checklist



2023 Florida Building Code (8th Edition) · Single family homes, duplexes, and townhouses (FBC-Re 101.2) · Code volume suffixes: Building (Bl) · NFPA-70 (2014) / National Electric Code (NEC) · Residential (Re)

COURTESY REFERENCE

This checklist reproduces the code-requirement categories published by Miami-Dade County's Department of Regulatory and Economic Resources (RER), Permitting and Inspection Center, for residential electrical plan review under the 2023 Florida Building Code. Use it as a self-review companion before submittal. Code requirements and county forms are updated periodically — always confirm the current version through the official Miami-Dade RER Plan Review Guidelines page before relying on this checklist for a live submittal. This is a general reference, not a substitute for a project-specific review by a licensed design professional.

HOW TO USE THIS CHECKLIST

Check off each line as your drawing set actually addresses it — not just as you read it. Any box left unchecked when you're ready to submit is a real redline risk. Boxes marked FIELD INTEL flag the categories that generate the most review comments on Miami-Dade submittals, based on standard plan-review practice.

General Electrical Requirements

	Requirement	Code Ref.
☐	Listed and labeled materials	110.3 (NEC), 2701 (Bl)
☐	Service size and load calculations	220, 230 (NEC)
☐	Available fault current	110.9, 110.10 (NEC)
☐	System grounding	250 (NEC)
☐	Service equipment and location	230 (NEC)
☐	Required branch circuits	210 (NEC)
☐	Feeder requirements and load calculations	210, 215, 220 (NEC)
☐	Wiring methods	300 (NEC)
☐	Required lighting and receptacle outlets	210.52, 210.70 (NEC), 303 (Re)
☐	Devices and lighting fixtures	410 (NEC)
☐	Appliance installation	110.3, 422 (NEC)
☐	Swimming pools	680 (NEC)
☐	Class 2 remote-control, signaling and power-limited circuits	725, 760 (NEC)
☐	Penetrations of fire-resistance-rated assemblies	300.21 (NEC), 712 (Bl), 714 (Bl)

FIELD INTEL — MasterBuild PE review notes

Service size / load calculations (220, 230) and required receptacle/lighting outlets (210.52, 210.70) are where residential electrical sets get bounced most often — a load calc that doesn't reconcile with the panel schedule, or a receptacle layout missing a required wall-space outlet, is a fast, avoidable redline. Confirm the load calc method (standard vs. optional) matches what's shown on the one-line and panel schedule before you submit.

SELF-SCORE YOUR SUBMITTAL

Count your checked boxes against the total line items above, category by category. A fully-checked category means your set is ready for that scope. Any category with unchecked boxes is your redline risk list — the exact items a Miami-Dade plan reviewer is most likely to flag first.

Source: Miami-Dade County Department of Regulatory and Economic Resources (RER), Permitting and Inspection Center, 11805 SW 26 Street, Miami, FL 33175-2474 — Residential Plan Review Guidelines (Electrical Review). Reproduced as a courtesy reference; confirm the current published version at miamidade.gov before use on an active submittal.



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Found unchecked boxes? Want a second set of eyes before you submit? Request a Proposal.