

ADDENDUMS, EXCEPTIONS & CLARIFICATIONS TO THE 2023 NATIONAL ELECTRICAL CODE

- 1.) **ADDENDUM:** NO ALUMINUM CONDUCTORS SMALLER THAN #6 WILL BE ACCEPTED
- 2.) **ADDENDUM:** ALL INTERIOR & EXTERIOR STAIRWAYS SHALL BE ILLUMINATED. INTERIOR AND EXTERIOR STAIRWAYS SHALL HAVE A LUMINAIRE INSTALLED AT EACH LANDING OF THE STAIRWAY. INTERIOR AND EXTERIOR STAIRWAYS SHALL HAVE A SWITCH OR AUTOMATIC ACTIVATION DEVICE INSTALLED AT THE TOP AND BOTTOM OF EACH STAIRWAY WITHOUT TRAVERSING ANY RISERS. EXTERIOR STAIRWAYS SHALL HAVE A LUMINAIRE INSTALLED AT THE TOP OF THE STAIRWAY. BASEMENT STAIRWAYS SHALL HAVE A LUMINAIRE INSTALLED AT THE BOTTOM OF THE STAIRWAY.
- 3.) **ADDENDUM:** TEMPORARY SERVICES: THE INSTALLATION OF ONLY ONE (1) 8 FOOT GROUND ROD SHALL BE REQUIRED FOR TEMPORARY SERVICES.
- 4.) **ADDENDUM:** ENFORCING NEC ARTICLE 250.52(A) (3) CONCRETE ENCASED ELECTRODE EVERYWHERE EXCEPT WHERE CONCRETE ENCASED ELECTRODES ARE PRESENT IN DWELLING UNITS.
- 5.) **ADDENDUM:** COLOR CODE: 480/277V - BOY (BROWN, ORANGE, YELLOW)
240/120V - BOB (BLACK, ORANGE (OR TAGGED OR HIGH LEG), BLUE)
120/208V - BRB (BLACK, RED, BLUE)
- 6.) **EXCEPTION:** IN SUBSECTION 210.8 OF THE NATIONAL ELECTRICAL CODE (2023), ADD THE FOLLOWING EXCEPTIONS:
EXCEPTION 1: RECEPTACLES FOR SUBMERSIBLE PUMPS ARE PERMITTED TO BE INSTALLED WITHOUT GFCI PROTECTION WHEN A SINGLE DEDICATED RECEPTACLE IS UTILIZED OR THE DEVICE IS HARDWIRED.
EXCEPTION 2: RECEPTACLES FOR REFRIGERATION ARE PERMITTED TO BE INSTALLED WITHOUT GFCI PROTECTION WHEN A SINGLE DEDICATED RECEPTACLE IS UTILIZED.
- 7.) **EXCEPTION:** IN SUBSECTION 210.12 OF THE NATIONAL ELECTRICAL CODE (2023), ADD THE FOLLOWING EXCEPTION:
EXCEPTION: RECEPTACLES FOR REFRIGERATION AND SUBMERSIBLE PUMPS ARE PERMITTED TO BE INSTALLED WITHOUT AFCI PROTECTION WHEN A SINGLE DEDICATED RECEPTACLE IS UTILIZED OR THE DEVICE IS HARDWIRED.
- 8.) **CLARIFICATION:** GAS PIPING SYSTEMS SHALL BE BONDED TO THE ELECTRICAL SERVICE GROUNDING ELECTRODE SYSTEM AT THE POINT WHERE THE GAS SERVICE ENTERS THE BUILDING. THE BONDING JUMPER SHALL NOT BE SMALLER THAN 6 AWG COPPER WIRE OR EQUIVALENT.
- 9.) **CLARIFICATION:** VACUUM SYSTEMS THAT UTILIZE ELECTRICAL EQUIPMENT OR ELECTRICAL DEVICES THAT EXCEEDS 50 VOLTS TO GROUND OR PHASE TO PHASE, MUST BE INSTALLED BY A MASTER ELECTRICIAN.
- 10.) **CLARIFICATION:** WIRELESS LOW VOLTAGE SYSTEMS THAT ARE 50 VOLTS OR LESS, THAT HAVE APPROVED THIRD PARTY DEVICES AND DO NOT INCLUDE OR REQUIRE PERMANENT WIRING, WILL NOT REQUIRE AN ELECTRICAL PERMIT OR AN ELECTRICAL INSPECTION.