



Department of Planning

TECHNICAL BULLETIN

TB 0002 - May 2020

MODIFICATION OF CODE REQUIREMENTS

Originally issued 15 March 2019 OPERATIONS POLICY AND PROCEDURES NOTICE

Purpose

The Department of Planning in an initiative to improve customer service has developed this Technical Bulletin to aid in the design of buildings and structures.

This document outlines amendments to the building codes that affects operational policy and procedures as it relates to applications filed for permits.

Scope

1. Modification of Code Requirements for Arc-Fault Circuit Interrupter (AFCI)

The previous OPERATIONS POLICY AND PROCEDURES NOTICE Originally issued 15 March 2019 is being rescinded. Arc-Fault Circuit Interrupter (AFCI) required under section 210.12 of the National Electrical Code is being amended as follows.

- **NEC 210.12 (A) Dwelling Units.** All 120-volt, single-phase, 15-and 20-ampere branch circuits supplying outlets or devices in-stalled in dwelling unit **bedroom** or similar rooms or areas shall be protected by any of the means described in 210.12(A)(1) through (6):
- **NEC 210.12 (C) Dormitory Units.** All 120-volt, single-phase, 15-and 20-ampere branch circuits supplying outlets installed in dormitory unit **bedroom** or similar rooms shall be protected by a listed arc-fault circuit interrupter meeting the requirements of 210.12(A)(1) through (6) as appropriate.

2. Manuals J, S & D calculations

- Sizing of Heating and Cooling Equipment (M1401.3 IRC)-code provisions for the submission of these calculations are being suspended to allow for additional industry training as to alternative calculation and design methods.

3. Use of Polyvinyl Chloride (PVC) Plastic Piping for Cold Water Supply Lines

- PVC piping will be permitted to be used for cold water supply lines including on the cold-water supply side of a water heater, storage tank, or similar.

4. Design of Building Water Distribution System (Section 604 CIPC)

- Plumbing Riser Diagrams will not be required for buildings of three stories or less.

5. Deferred Submittals (Section 107 CIBC and 106 CIRC)

The following design documents will not be required to be submitted at the time of application for a building permit and will instead be deferred for submission within a specified period during the review or inspection process by the building's designer. The designer shall be responsible for reviewing and coordinating phased and deferred submittal items, for compatibility with the building design.

- **Truss Design Drawings**-drawings detailing the design of roof truss systems, inclusive of Truss to wall connector details, will be required to be provided for review by the building's designer and approved before requesting the Belting Inspection.
- **Photovoltaic Systems** (Solar-P IV Panels' -shop drawings for a P IV system demonstrating compliance with the applicable Codes and standards will now be required to be submitted for review and approval before the start of installation.
- **Elevators and Conveying Systems Shop Drawings** (Elevators, Cargo Lifts, Dumbwaiters etc.)-shop drawings for the elevator system(s) demonstrating compliance with the Code and previously submitted construction documents will now be required to be submitted for review and approval before the start of installation.

For additional information, please email the Department of Planning at info@planning.gov.ky or call (345) 244-6501 or visit our website at www.planning.ky.