

To: Hilshire Village City Council

From: SAFEbuilt, Heather Cherry

Date: 08/11/2025

Significant Changes to the 2024 ICC Codes: ISO 1 Village FD

Key takeaways: This update increases safety and public welfare from previous code years. Most notably, an improvement in formatting and clarity in code specification and review. Improved safety measures requiring CO detection in areas that have CO producing emittance and battery storage and energy store regulations in residential areas.

Our recommendation is to adopt the 2024 ICC Code set, omitting the International Fire Code section and its amendments. Updating from 2018 to the 2024 Codes will place Hilshire Village at the forefront of development regulations and help to maintain ISO ratings to keep insurance premiums lower within the jurisdiction.

IBC Updates:

- Improvement in formatting and clarity for ease of reference and enforcement
- Mandated CO detection where CO-producing appliances exist
- Fences removed from exempt permitting requirements

IRC Updates:

- Battery storage and energy storage protection regulations
- Sleeping loft size limits and floor-reinforcement under mezzanine guardrails
- Changes to landings in stairways to increase safety and logistics for landing on stairways

IPC Updates:

- Updated fixture requirements in Group I occupancies
- Showerhead flow limitations to high-efficiency standards

IMC Updates:

- Updated ladder design criteria for roof access Section 306.5

- New requirements for common exhaust ducts in dwelling units Section 501.6
- New minimum hood capacities added to Section 507
- Removed prohibitions on ductless range hoods in I-1 and I-2 Occupancy Section 505.7 and 505.8

IFGC Updates:

- Updates to align with IBC for occupiable roof criteria
- Adult changing stations required in certain Occupancy types
- Updated fire sprinkler requirements for combustibile wall-envelope additions