



INTERNATIONAL CODE COUNCIL

2021 CODE ADOPTION

1.24.2023

Presented by:
Al Raymond III, AIA, CBO
Director, Development Services Department



OVERVIEW

- International Code Council (ICC) 2021 Codes
 - Updates every **3** yrs.
 - **9** building-related and fire codes
- Adopted by the City every **6** years to use:
 - Current national safety codes
 - Latest construction methods
- Reviewing since March 2021
 - Stakeholder involvement
 - **21** technical review committee meetings
 - Over **50** public discussions including presentations in each Council District



CONSTRUCTION TRADE ADVISORY AND APPEALS BOARD (CTAAB)

- **9** members Appointed by City Council
 - **NOT** city employees
 - Qualified on building-related and fire codes
 - At-large positions for **3** years
- The Construction Trade Advisory & Appeals Board shall advise the city manager regarding any matter related to Construction that it considers should be brought to the attention of the city council.
- The Construction Trade Advisory & Appeals Board shall obtain public comment on the proposed adoption of or amendment to a national model code
- Assisted in the 2021 Development Code adoption process and discussed in **10** public sessions



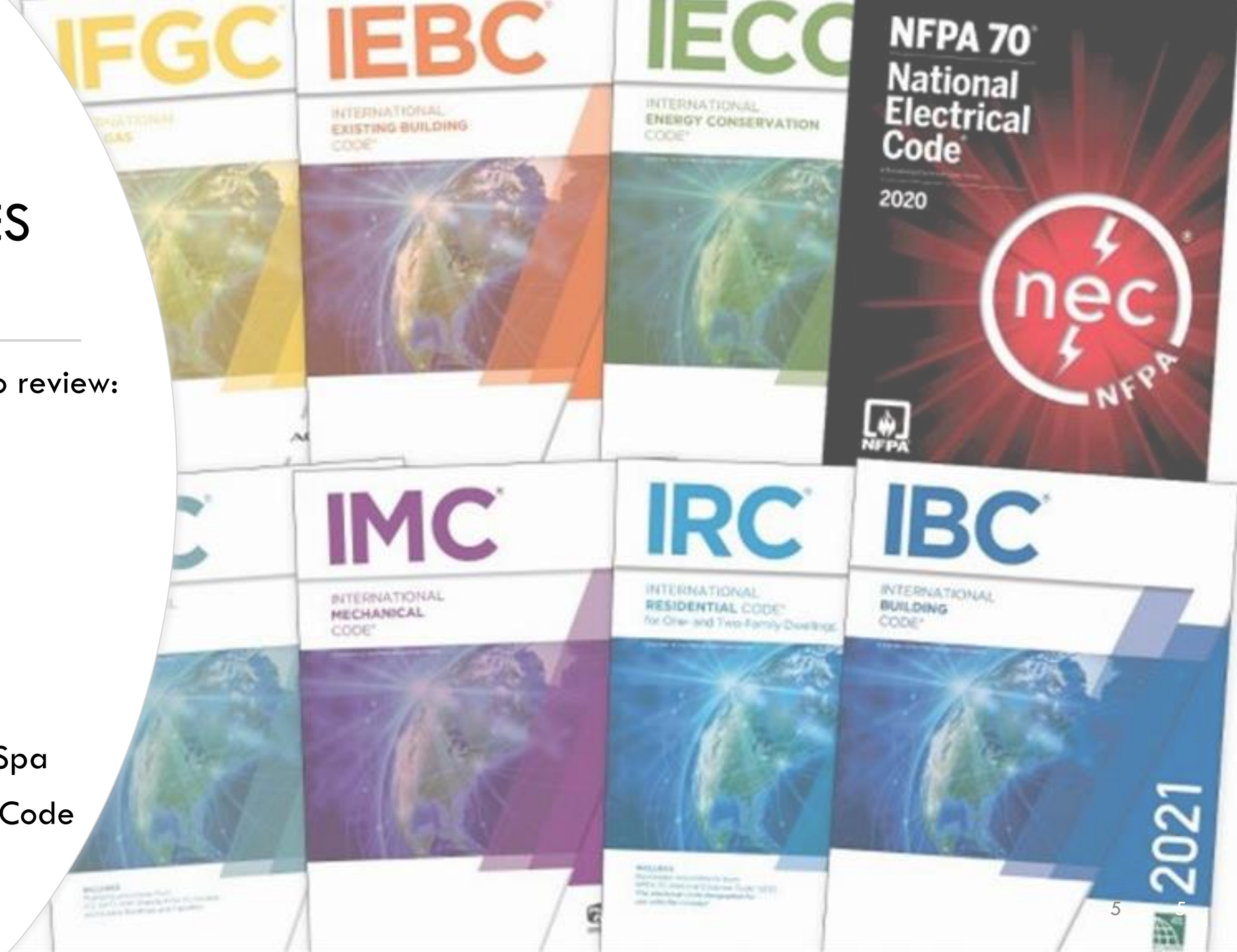
CONSTRUCTION TRADE ADVISORY AND APPEALS BOARD (CTAAB) POSITIONS

POSITION	Member	Company
General Contractor	Garry Camp (Chair)	Victory Building Team
Engineer/Architect	Jared Merdes, PE (Vice-Chair)	Stridde, Callins & Associates Inc.
HVAC Contractor	Mike Wanzer	Mike Wanzer A/C Co, Inc.
HVAC Technician	Chad Roulston	NcNatt inc. air-conditioning and heating
Master Electrician	Paul Cervantes	Cervantes Electric
Texas Professional Land Surveyor	Ronald Brister	Brister Surveying
Electrical Contractor	Jose Jimenez	Jimenez Electric
Master Plumber	Mike Dildy	Maverick Plumbing & Utilities
Plumber Contractor	Vacant	



2021 ICC CODES

- Subcommittees created to review:
 - Building
 - Existing Building
 - Residential
 - Fire
 - Mechanical
 - Plumbing
 - Fuel Gas
 - Swimming Pool and Spa
- 2020 National Electrical Code



2021 IBC – BUILDING

Significant Changes

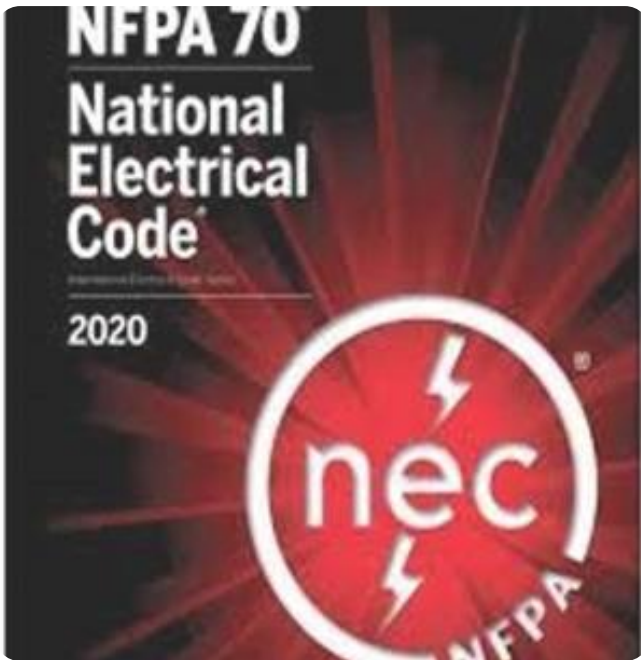


Defines and regulates puzzle rooms (escape rooms), shipping containers and mechanical-access enclosed parking garages.

Expands the use of Type IV construction (heavy timber) - tall wood buildings

Adds flexibility for rooftop canopies and luminated egress paths for high rises





2020 NFPA – ELECTRICAL

Significant Changes

Improves electrical safety for emergency responders at 1- & 2-family dwellings

Adds flexibility to the location of existing upgraded boxes and the use of wiring sizes and types

Expands ground fault and arc fault protections areas

Adds surge protection for 1- & 2-family dwellings

2021 IPC – PLUMBING

Significant Changes

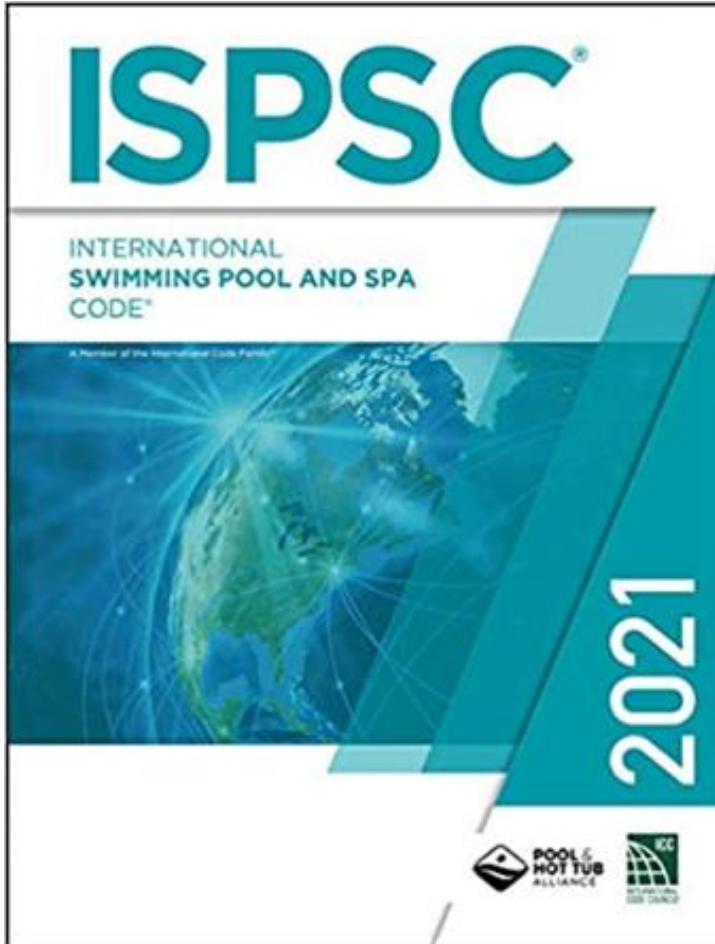
Adds allowance for multiple-user toilet facilities to serve as credit

Adds alternative – Rainwater Harvesting Systems (CSA B805/ICC 805)



2021 ISPSC – SWIMMING POOL & SPA

Significant Changes



Adds design and safety requirements for splash pads

Creates requirements for construction fencing and barriers



2021 IFC – FIRE CODE

Significant Changes

Adds sprinkler requirements to certain types of existing assembly occupancies and high-rise residential buildings

Refines requirements for Energy Storage Systems (ESS) and storage of distilled spirits and wines

Expands provisions for construction fire safety



TIMELINE



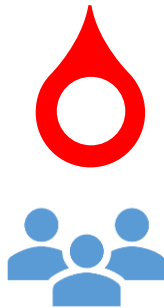
**Mar. 2021 –
Jan. 2023**

Stakeholder
engagement, Committee
presentations, and
Community meetings



Aug. 2023

New Building and Fire
codes take effect after
Council approval



Jan. 2023

Propose amendments
to City Council for
consideration and
approval



RECOMMENDATION

- Staff recommends approval of 2021 ICC family of codes and 2020 National Electrical Code with local amendments