

COMMUNITY AFFAIRS

DIVISION OF CODES AND STANDARDS

Uniform Construction Code

Proposed Amendments: N.J.A.C. 5:23-3.14, 3.15, 3.16, 3.17, 3.18, 3.20, 3.21, and 3.22

Authorized By: Jacquelyn A, Suárez, Commissioner, Department of Community Affairs.

Authority: N.J.S.A. 52:27D-119.

Calendar Reference: See Summary below for explanation of exception to calendar requirement.

Proposal Number: PRN 2025-136.

Submit written comments by December 19, 2025, to:

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The agency proposal follows:

Summary

Pursuant to the State Uniform Construction Code Act (Act), N.J.S.A. 52:27D-119 et seq., the Commissioner of the Department of Community Affairs (Department) is charged with adopting model codes as part of the Uniform Construction Code (UCC), N.J.A.C. 5:23. The model codes for building (which include residential structures), energy, fire protection, mechanical, and fuel gas are published by the International Code Council (ICC); the model code

for electrical requirements, the National Electrical Code (NEC), is published by the National Fire Protection Association (NFPA). The model code for the plumbing subcode requirements will be published in a separate rulemaking, published elsewhere in this issue of the New Jersey Register. The New Jersey UCC consists of two basic parts: scope and administrative requirements, which are adopted through the regulatory standards and processes of the Administrative Procedures Act, and technical requirements, which are set forth in the national model codes, and which are also proposed and adopted as part of the UCC through the rulemaking processes. The national model codes are adopted by reference and are amended in the New Jersey Administrative Code through rulemaking.

When the Act became effective, it provided for the adoption of unamended national model codes. That changed with P.L. 1996, c. 53, which amended the Act to give the Commissioner of the Department (Commissioner) “the authority to limit the adoption of later versions of the model codes to include only those standards in effect on July 1, 1995, and any later versions or amendments of model codes which would not be inconsistent with the purpose of the act.” N.J.S.A. 52:27D-122.1.c. The intent and purpose of the Act includes controlling the cost of construction, allowing the use of new technology, and providing for uniformity of requirements and predictability of construction costs (N.J.S.A. 52:27D-120). Following the enactment of P.L. 1996, c. 53, the Department undertook a review of each subsequent model code edition and proposed and adopted the newest edition of the national model codes in keeping with the intent and purpose of the Act, pursuant to N.J.S.A. 52:27D-122.1. In addition to the review of the national model codes for consistency with the Act, the Department reviews the national model codes for consistency with other State laws.

In September 2022, the Department adopted revisions to the 2021 editions of the International Building Code (IBC), International Residential Code (IRC), International Energy Conservation Code (IECC), International Mechanical Code (IMC), and International Fuel Gas Code (IFGC), as the building, one- and two-family dwelling, energy, mechanical, and fuel gas subcodes, respectively, of the UCC; the 2020 edition of the NEC as the electrical subcode; and the 2021 edition of the National Standard Plumbing Code (NSPC) as the plumbing subcode.

The Department proposes to implement the most recent technical standards – the 2024 editions of the IBC, IRC, IECC, IMC, IFGC, NSPC, and the 2023 edition of the NEC – with amendments, to fulfill its obligations pursuant to N.J.S.A. 52:27D-120. These proposed amendments reflect the changes to the 2024 IBC, 2024 IRC, 2024 IECC, 2024 IMC, 2024 IGFC, 2024 NSPC, and 2023 NEC that modify the codes to align with New Jersey conditions and law. In accordance with N.J.S.A. 52:27D-125, this proposed rulemaking has been reviewed by the Uniform Construction Code Advisory Board (CAB) and its subcode committees and reflects the advice of the CAB.

The latest editions of the national model codes are online and may be accessed through the Department of Community Affair’s “Codes and Regulations” webpage (<http://www.nj.gov/dca/divisions/codes/codereg/>). Please note that these versions do not include or reflect the changes proposed in this rulemaking; the amended codes will be available after the effective date of this rulemaking.

General Statements

This rulemaking includes several types of changes. First, throughout this rulemaking, where section numbers in the model codes have been changed with no impact on code text or requirements, or where the title of a section in the model code has been changed with no impact

on code text or requirement, or where code text was added to a model code section that has traditionally been deleted from the UCC and where its continued deletion does not change UCC requirements, the updates will be made without further explanation in the Summary.

Second, references to Chapter 1 of the ICC codes or to sections in Chapter 1 of the ICC codes and the “administration” sections of the NSPC are deleted, with some exceptions in the IECC. Chapter 1 in each of these codes includes administrative provisions. The UCC has its own administrative provisions; therefore, the administrative provisions of the model codes are neither proposed nor adopted for use in New Jersey.

Finally, in keeping with the Act and the UCC administrative structure, wherever used in the national model code, the following references are replaced within the rulemaking: the term “building official” is replaced with “construction official” or “design professional,” as applicable; the term “registered design professional in charge of work” is replaced by “person in charge of work,” and each technical code official, including, but not limited to, “building code official,” “plumbing code official,” “fire code official,” is changed to “building subcode official,” “plumbing subcode official,” or “fire protection subcode official,” as applicable.

All changes are identified below and are broken down by subcode. In addition, significant changes to each model code are identified, where appropriate. These changes are proposed to be incorporated into the UCC unless otherwise stated.

Building Subcode (N.J.A.C. 5:23-3.14)

The following 11 items are major changes to the International Building Code, which are proposed for adoption as the building subcode, and the unamended International Building Code/2024. Each of these major changes is described, and the Department's intent regarding each change is provided.

High-Rise Building (Definition): This definition now includes occupiable roofs in the parameters to determine whether a building is considered a high-rise. The language in this definition references a “floor that is more than 75 feet above the lowest level of fire department vehicle access.” The presence of occupants and combustible furnishings on roofs adds to the difficulty of performing ground-based firefighting and limits the ability of firefighters to perform rescue operations. As such, their inclusion in the determination of a high-rise provides additional safety provisions in these circumstances. The Department is adopting this provision.

Temporary Event, Temporary Structure, Public Occupancy Temporary Structure (Definitions), and Section 3103 Temporary Structures: These new definitions provide clarity for new requirements at new Section 3103, which sets forth requirements for public-occupancy temporary structures. These structures are used by the general public or for public events where occupants expect similar levels of reliability and safety as offered by permanent construction. These terms apply to structures that will be in service for no longer than one year and include adjustments that reduce certain environmental load requirements based on the temporary nature while recognizing the consistent level of risk. The Department is adopting these definitions and requirements. The timing of this new section will ensure that any public occupancy temporary structures that are anticipated to be used for the 2026 World Cup will be appropriately constructed.

Fire Protection System Requirements for Lithium-Ion and Lithium Metal Batteries: Sections have been revised to address the manufacturing, storage, and use of lithium-ion batteries and energy storage systems (ESS) equipment, as well as vehicles that utilize these batteries. The changes incorporate classification for occupancy where batteries are manufactured

to ensure necessary levels of protection are afforded. The Department is adopting these requirements.

Accessibility Transient for Group R-3 Occupancies, Sections 1108.6.3, 1108.6.3.1, and 1108.6.3.2: Amendments add Group R-3 transient facilities (10 or fewer occupants) to the scope of these sections. These sections also establish an exception for accessibility in facilities with a non-transient proprietor that has five or fewer guest rooms which could apply to Groups R-1 and R-3. These amendments align the IBC with the 2010 Americans with Disabilities Act (ADA) Standards. The Department is adopting these requirements.

Adult Changing Stations, Sections 1110.4 Through 1110.4.4: These new sections establish provisions for adult changing stations in certain occupancies. These stations contain a changing table large enough to accommodate an adult-sized person in proximity to the sanitary facilities. Without such facilities, disabled people who cannot use toilets may not be afforded the full opportunity to travel in public spaces because they and their caregivers must return home for proper changing. The Department is adopting these changes.

Laundry Equipment, Sections 1110.6 Through 1110.6.2: These sections incorporate language for laundry equipment previously set forth at Appendix E. These requirements apply to public use spaces, such as laundromats, and common use spaces, such as laundry rooms in residential occupancies. The Department is adopting these requirements.

Soffits and Fascia at Roof Overhangs, Section 1412: This new section regulates soffits and fascia at roof overhangs. This improves the wind performance of soffits and fascia by adding structural design requirements and installation options in response to recommendations by the Federal Emergency Management Agency (FEMA) in the wake of Hurricane Michael to improve resilience of structures. The Department is adopting this new section.

Reroofing Requirements, Section 1512.1: New requirements address roof drainage and require analysis of susceptible roof bays for ponding stability during recovering or replacement of roofs, which adds new live loads to existing roof structures. Annually, reroofing projects comprise nearly three-quarters of low-sloped roofing projects nationwide. This language reduces the likelihood of catastrophic roof collapses that can occur from uncontrolled ponding or inadequate drainage because of reroofing. The Department is adopting these requirements.

Tornado Loads, Section 1609.5: This new section, Tornado loads, has been added to require Risk Category III and IV buildings to be designed and constructed in compliance with Chapter 32 of ASCE/SEI 7-22. The State is located within a “Tornado Prone Region;” thus, this requirement would apply. Tornado hazards have not previously been considered in the design of conventional buildings, even though tornadoes and tornadic storms cause more fatalities than hurricanes and earthquakes combined, and more catastrophe-insured losses than hurricanes and tropical storms combined. ASCE/SEI 7-22 now includes requirements for tornado loads to address this gap. The Department is adopting these provisions.

Lightning Protection Systems, Section 2703: This section directs code users to the appropriate standards to apply when lightning protection is provided. This section does not require lightning protection; it provides subcode officials with assistance in addressing the installations of these types of systems when utilized. The Department is adopting this section.

Owner’s Responsibility for Fire Protection (During Construction) Sections 3302.1 – 3302.3.1: This new subsection establishes a correlation with the IFC for construction site safety. It requires that a building inspector can reasonably verify and enforce that building owners or managers are performing the necessary site safety inspections while they are onsite during

scheduled inspections. This is a minimal step that building inspectors can take that directly improves construction site safety. The Department is proposing to adopt this requirement.

A section-by-section description of all proposed amendments to the IBC/2024 follows. These changes are listed in the order in which they appear in the building subcode of the UCC.

Building Subcode Summary Statements

1. At N.J.A.C. 5:23-3.14(a), amendments update the edition of the IBC to the 2024 edition.

2. At N.J.A.C. 5:23-3.14(b)1, amendments restructure the way in which the Department deletes the administrative provisions of the IBC. Instead of a blanket deletion, the Department is proposing to delete the text of each subsection of Chapter 1 and insert a reference to the “applicable administrative provisions” of the UCC. In turn, throughout N.J.A.C. 5:23-3.14, the Department proposes to delete amendments to the IBC that removed references to Chapter 1, as these references will now cite back to Subchapter 2 of the UCC. This streamlines the Department’s review process and prevents errors in review that previously left Chapter 1 citations inadvertently missed with no connection to Subchapter 2 of the UCC. These changes do not impact the technical requirements of the subcode, and sections including such amendments are as follows:

- N.J.A.C. 5:23-3.14(b)7i and x;
- N.J.A.C. 5:23-3.14(b)15ii and vii;
- N.J.A.C. 5:23-3.14(b)16i;
- N.J.A.C. 5:23-3.14(b)17x;
- N.J.A.C. 5:23-3.14(b)18iii and v;
- N.J.A.C. 5:23-3.14(b)19;

- N.J.A.C. 5:23-3.14(b)23vii, viii, and ix; and
- N.J.A.C. 5:23-3.14(b)26i.

3. At N.J.A.C. 5:23-3.14(b)2xiv and xv, the terms “evacuation, impractical” and “evacuation, slow” are proposed for deletion. As the model codes have changed over the years, the use of these terms has caused considerable confusion with code users. The Department has found that there is no longer a need for these terms; therefore, they are proposed for deletion. In their place, the terms “incapable of self-preservation” and “limited verbal or physical assistance,” which were deleted in the adoption of the IBC/2021, are proposed for inclusion by virtue of deleting existing N.J.A.C. 5:23-3.14(b)2iv, x, xii, and xx. However, the definitions of the deleted terms “evacuation, impractical” and “evacuation, slow” will be incorporated into the terms “incapable of self-preservation” and “limited verbal or physical assistance” at recodified N.J.A.C. 5:23-3.14(b)2xvi and new N.J.A.C. 5:23-3.14(b)2xviii to provide for more clarity. As a result of this update, many amendments made throughout the IBC for this terminology can be deleted. They are as follows:

- N.J.A.C. 5:23-3.14(b)3iii, v, viii, and xiv;
- N.J.A.C. 5:23-3.14(b)4ix; and
- N.J.A.C. 5:23-3.14(b)8vi.

4. At N.J.A.C. 5:23-3.14(b)2xiii, proposed amendments would establish a definition for the term “fire code official” as a person that is a fire official as defined at N.J.A.C. 5:70. The term, as used throughout the IBC, is related solely to work that is the responsibility of fire officials in the State. This definition is applicable solely within the IBC, as noted in Section 201.1 of the IBC. As a result of this definition, amendments at N.J.A.C. 5:23-3.14(b)24iv and v are proposed for deletion, as they are no longer necessary.

5. At N.J.A.C. 5:23-3.14(b)2xxiv, the term “peer review” is proposed for deletion, as this definition applies only to Chapter 1 of the IBC and conflicts with the use of the term in the UCC.

6. At N.J.A.C. 5:23-3.14(b)3ix, proposed changes include language to properly reflect occupancy categories for hotels and motels, which are deleted from Residential Group R-2.

7. At N.J.A.C. 5:23-3.14(b)3x, proposed amendments include “emergency services living quarters” in the list of deletions from Section 310.4. This type of occupancy is listed in both Group R-2 and R-3. The Department’s position is that the correct occupancy classification is Group R-2 and, therefore, is proposing to delete this type of occupancy from the R-3 list.

8. At N.J.A.C. 5:23-3.14(b)5iii(6)and (b)5iv(2), construction Type IV is proposed for amendment. In the 2021 IBC, Type IV construction was expanded to Type IVA, IVB and IVC. This amendment corrects this oversight in the 2024 code.

9. At N.J.A.C. 5:23-3.14(b)8vi, proposed changes recodify the amendment made to Section 903.2.6 from subparagraph (b)8viii to (b)8vi for proper chronology.

10. At N.J.A.C. 5:23-3.14(b)8x, the area thresholds for requiring automatic fire sprinkler systems in Groups B, F-2, and S-2 are proposed for deletion. This amendment was added to the IBC with the 2000 adoption of the code to address the increased area allowance for these occupancies. To date, there have been limited issues with the increased area allowances for these occupancies; therefore, the Department is proposing to delete these added fire sprinkler requirements that cause undue confusion.

11. At N.J.A.C. 5:23-3.14(b)8xv, the amendments would delete the Department’s amendment to Section 903.4, as it is not necessary. The existing cross-reference within that section is accurate because of other changes made in the building subcode.

12. Throughout N.J.A.C. 5:23-3.14(b)8 and 10, proposed amendments alter the numeration of amendments within the IBC; for example, the Department creates a new section for Building Area, currently numbered Section 905.3.2, which requires amendments to the remaining subsections to align with this amendment. The proposed change would renumber this new section to 905.3.1A, so that the renumbering is no longer required. All renumbering amendments are, thus, proposed for deletion, as well. There are no changes to the technical requirements because of this renumbering. Specifically, these amendments occur at the following citations:

- Recodified N.J.A.C. 5:23-3.14(b)8xxiv, xxvi, xxvii, lxiii, lxiv, lxv, lxvii, lxviii, lxix, lxx, lxxi, and lxxii, and N.J.A.C. 5:23-3.14(b)10xxv, which are recodified to reflect deletions made throughout the subsection.
- N.J.A.C. 5:23-3.14(b)8xxviii, xxx, xli, lxxii, lxxvi and, lxxvii, are proposed for deletion.

13. At N.J.A.C. 5:23-3.14(b)8xxvii, amendments throughout reflect changes in the placement of code text in the IBC and do not change technical requirements.

14. At N.J.A.C. 5:23-3.14(b)8lxxviii, amendments change terminology used to better reflect terminology used in the State regarding local fire service or their designee. This does not change the technical requirement.

15. N.J.A.C. 5:23-3.14(b)8lxxxiii through lxxxix are proposed for deletion. These amendments were made to incorporate New Jersey law regarding carbon monoxide alarms and detectors. Section 915 has been changed in its entirety. The new requirements establish uniform baseline requirements for CO detection in all occupancies with permanently installed fuel-burning appliances, fuel-burning fireplaces or attached private garages. The code text is now

consistent with the New Jersey Legislation relative to the installation requirements of these devices; thus, the amendments are no longer necessary.

16. At N.J.A.C. 5:23-3.14(b)9vi and vii, the amendment to change “Common Path of Egress” to “Exit Access” is proposed for deletion. In the last code change cycle, the delineation between “Common Path of Egress” and “Exit Access” has been made abundantly clear. As a result, this amendment is no longer necessary.

17. At recodified N.J.A.C. 5:23-3.14(b)9xx, the new language in Exception #3 is proposed for deletion; this removes “accessible and Type A dwelling units and sleeping units” from the exception. This is new language in the 2024 IBC, which would require stair geometry in Type A dwelling or sleeping units that aligns with the 2010 Americans with Disabilities Act (ADA) Standards; however, the ADA is not applicable to residential occupancies. Residential occupancies are regulated pursuant to the Federal Fair Housing Act for accessibility purposes. As such, deleting this language within Exception #3 aligns the building subcode with the Federal Fair Housing Act by maintaining the requirements of Section 1011.5.2.

18. N.J.A.C. 5:23-3.14(b)9xxvii is proposed for deletion. This section deleted Section 1020.2.1, Hoistway opening protection, from the IBC. In the 2024 IBC, this revised section now references Section 3006.2, Elevator hoistway door protection required, which clearly states that elevator hoistway doors in corridors that are required to be provided with a fire-resistance rating are required to be protected. As the necessary cross-reference is now within the code text, this deletion is no longer necessary.

19. N.J.A.C. 5:23-3.14(b)10i is proposed for deletion. This section replaced a reference to the IEBC with a reference to the Rehabilitation Subcode of the UCC; however, a blanket revision at N.J.A.C. 5:23-3.14(a)2 already addresses all references to the IEBC.

20. At recodified N.J.A.C. 5:23-3.14(b)10iv and xl, proposed amendments would delete references to the Council on Affordable Housing (COAH) units. COAH was dissolved with the passage of P.L. 2024, c. 2. In its place, the Department proposes to incorporate a citation to the applicable law, N.J.S.A. 52:27D-301 et seq. (the Fair Housing Act). This would ensure the appropriate citation to the program remains.

21. At N.J.A.C. 5:23-3.14(b)10vii, an amendment to Section 1104.4.2 is proposed to add “occupiable roofs” to the portions of “Large Buildings” that are required to be provided with elevator access. “Occupiable Roofs,” which are defined in the IBC, are becoming increasingly popular. The Department has always considered an “occupiable roof” as a story for the purpose of determining the need for an elevator, and this amendment makes clear that, where provided in a building with a total gross enclosed floor area of 10,000 square feet or more, an “occupiable roof” must be provided with a vertical accessible route.

22. At recodified N.J.A.C. 5:23-3.14(b)10xii, the current amendment to 1106.7, Location, is proposed for deletion. In the 2024 IBC, this revised section is now 1106.7.1 and is entitled “Parking located beneath a building.” The revised language includes most of the previously amended text, thus, the Department is making an amendment to add the phrase “within or” to fully align the section with the current requirements.

23. At N.J.A.C. 5:23-3.14(b)10xiv, amendments to Section 1107.2, Electrical vehicle charging stations, are relocated to align with the requirements set forth by New Jersey law, as adopted at N.J.A.C. 5:23-2.36.

24. New N.J.A.C. 5:23-3.14(b)10xxxvii, new Section 1108.6.3.2, is proposed to be amended by deleting the reference to “Type B” dwelling units and inserting “Type A” dwelling units in its place. The State of New Jersey does not recognize “Type B” dwelling units.

25. N.J.A.C. 5:23-3.14(b)10xli is proposed for deletion, as the amendment to include a cross-reference to Section 1108.7.5 is no longer necessary, since that section is no longer renumbered at N.J.A.C. 5:23-3.14(b)10xlv.

26. At N.J.A.C. 5:23-3.14(b)11iv, the proposed changes correct an existing grammatical error.

27. At N.J.A.C. 5:23-3.14(b)14iii, proposed amendments update the section title and delete Note b in its entirety, as it applies solely to Group U, which the Department previously deleted from the IBC.

28. N.J.A.C. 5:23-3.14(b)15iv and v, which amended Section 1611, Rain loads, are proposed for deletion. This section in the 2024 IBC has been revised, and the revisions provide detailed requirements regarding the determination of rain load on a roof. As such, the Department's amendments, which referred to the plumbing subcode for rain load determination requirements, are no longer necessary.

29. At N.J.A.C. 5:23-3.14(b)16xx, the Department proposes to delete Section 1704.6.1, Structural observations for structures, from the building subcode. This is in line with the existing deletion at 1704.6, Structural observations, and ensures there is no confusion in whether this section applies.

30. At N.J.A.C. 5:23-3.14(b)16xxiii, the Department proposes to delete its current amendment to delete the reference to Table 1807.1.6.3(1).

31. At N.J.A.C. 5:23-3.14(b)16xxvii, the Department is proposing to expand the deletions for Section 1705.12, Special inspection for wind-resistance, to include all subsections. These subsections were always intended to be deleted; the proposed change ensures there is no confusion as to whether these subsections are applicable.

32. At N.J.A.C. 5:23-3.14(b)16xxxv, the Department is proposing to expand the deletions for Section 1705.14.1, Structural steel, to include all subsections. These subsections were always intended to be deleted; the proposed change ensures there is no confusion as to whether these subsections are applicable.

33. At N.J.A.C. 5:23-3.14(b)17vi, amendments would delete Section 1807.2.5, Guards, and its subsections. These are all new sections in the 2024 IBC that regulate guards on retaining walls. The 2021 IBC is silent on the requirement for guards on top of retaining walls. Guards for retaining walls are historically addressed by the municipal engineer and occur during the planning phase of a building. They are outside the scope of the UCC.

34. At N.J.A.C. 5:23-3.14(b)19i, Section 2701.1, Scope, is proposed for deletion, as it is not necessary.

35. N.J.A.C. 5:23-3.14(b)21ii, which currently deletes Section 3001.2, Emergency elevator communication systems, is proposed for deletion. This requirement first appeared in the 2018 IBC and was deleted from the UCC, because very few manufactures were able to supply the required equipment. Since that time, availability for the equipment has greatly increased, and manufacturers are able to supply the equipment for this important life safety feature for the deaf, hard of hearing, and speech-impaired population.

36. N.J.A.C. 5:23-3.14(b)21xii, which currently deletes Section 3006.2.1, Rated corridors, is proposed for deletion. This section was first included in the 2018 IBC and required a smoke-proof elevator lobby or other means to keep smoke from entering the elevator shaft in all buildings where the elevator doors opened into a rated corridor. At that time, the Department deleted the section because there were limited, cost-prohibitive options available to comply with these requirements. However, there is now more product availability, and the sections allow for

a “smoke-protective curtain assembly,” which is a defined term within the IBC. With the expanded availability and compliance options, the Department finds that this section is now appropriate to be included in the UCC.

37. At new N.J.A.C. 5:23-3.14(b)21xv, Section 3009, Private Residence Elevators, is proposed for deletion. These requirements are already addressed within Section 3001.3 of the building subcode and Subchapter 12 of the UCC.

38. At recodified N.J.A.C. 5:23-3.14(b)22iv, a number of changes are made to the International Swimming Pool and Spa Code, all of which correct code references without a change in the application of the requirements. Other than that, at Section 202, the definition of “peer review” is deleted, as the term conflicts with the definition and use of the term as established in the UCC. The Department further proposed to delete a reference to Section 104.9.1 in the ISPSC, to align with the deletion of Chapter 1 of the ISPSC in its entirety.

39. N.J.A.C. 5:23-3.14(b)22vii is proposed for deletion. This amendment deleted Section 3114, Public use restroom buildings in flood hazard areas, which was deleted from the 2024 IBC.

40. At recodified N.J.A.C. 5:23-3.14(b)25, amendments are made throughout the referenced standards chapter to more clearly align with the subcodes of the UCC, with no change in application of the referenced standards.

41. At N.J.A.C. 5:23-3.14(b)26iv, new Appendix P, Sleeping Lofts, is proposed for adoption. Sleeping lofts are limited to dwelling units or sleeping units in R occupancies. Sleeping lofts are required to comply with the base code, except where the provisions of the appendix modify them. Housing affordability has become increasingly important in recent years due to the impacts of recessions and COVID. This new appendix allows for densification of multi-family

residential housing by providing an option for additional sleeping space within the same building footprint. The provisions are especially important for increasing usable space in very small units, which have been increasingly popular with the importance of sustainability and living more simply. Not only would this allow more living space within a new multifamily building, but it also encourages the alteration of existing dwelling and sleeping units rather than demolition and new construction.

Plumbing Subcode (N.J.A.C. 5:23-3.15)

Plumbing Subcode Summary Statements

42. At N.J.A.C. 5:23-3.15(a)1 and 2, amendments update the National Standard Plumbing Code reference to the 2024 edition.

43. At N.J.A.C. 5:23-3.15(b)3ii, amendments simplify the Department's amendments by keeping the word "building" as used in the text of the NSPC. The Department also proposes to delete the word "hydraulic" at N.J.A.C. 5:23-3.15(b)3xi(3), as that word no longer appears in subsection d of Section 2.26.2.

44. At N.J.A.C. 5:23-3.15(b)4, changes throughout renumber the listed amendments of Chapter 3 of the NSPC to maintain chronological order. The recodifications are as follows:

- N.J.A.C. 5:23-3.15(b)4v is recodified as N.J.A.C. 5:23-3.15(b)4iv with no change in text.
- N.J.A.C. 5:23-3.15(b)4vi is recodified as N.J.A.C. 5:23-3.15(b)4v with no change in text.
- N.J.A.C. 5:23-3.15(b)4vii is recodified as N.J.A.C. 5:23-3.15(b)4vi with no change in text.
- N.J.A.C. 5:23-3.15(b)4iv is recodified as N.J.A.C. 5:23-3.15(b)4vii with no change in text.

45. At N.J.A.C. 5:23-3.15(b)7, changes throughout renumber the listed amendments of Chapter 7 of the NSPC to maintain chronological order with no change in text. The recodifications are as follows:

- N.J.A.C. 5:23-3.15(b)7v is recodified as N.J.A.C. 5:23-3.15(b)7iv, and an amendment to the text is made to update the IBC reference included therein from Section 1209.2.2 to Sections 1210.2.1 and 1210.2.2 to reflect renumbering in the most recent edition of the IBC.
- N.J.A.C. 5:23-3.15(b)7ii is renumbered as N.J.A.C. 5:23-3.15(b)7viii, no change in text.
- N.J.A.C. 5:23-3.15(b)7iii is renumbered as N.J.A.C. 5:23-3.15(b)7xiii, no change in text.
- N.J.A.C. 5:23-3.15(b)7iv is renumbered as N.J.A.C. 5:23-3.15(b)7xiv, no change in text.
- N.J.A.C. 5:23-3.15(b)7vi is renumbered as N.J.A.C. 5:23-3.15(b)7vii, no change in text.
- N.J.A.C. 5:23-3.15(b)7vii is renumbered as N.J.A.C. 5:23-3.15(b)7ix, no change in text.
- N.J.A.C. 5:23-3.15(b)7viii is renumbered as N.J.A.C. 5:23-3.15(b)7x, no change in text.
- N.J.A.C. 5:23-3.15(b)7ix is renumbered as N.J.A.C. 5:23-3.15(b)7xii, no change in text.

46. Additionally, at N.J.A.C. 5:23-3.15(b)7, amendments are added to the water conservation requirements throughout Chapter 7 to incorporate a reference to the requirements of the New Jersey Appliance Standard Law, P.L. 2021, c. 464 (N.J.S.A. 52:27D-141.18 et seq.), which is administered by the Department of Environmental Protection. This amendment requires water conservation to be in accordance with the standards set forth in the plumbing subcode or those in the Appliance Standard Law, whichever is more restrictive. These amendments apply as follows:

- N.J.A.C. 5:23-3.15(b)7ii, for Section 7.4.2, Water conservation, related to water closets.
- N.J.A.C. 5:23-3.15(b)7iii, for Section 7.5.2, Water conservation, related to urinals.
- N.J.A.C. 5:23-3.15(b)7v, for Section 7.6.2, Water conservation, related to lavatories.

- N.J.A.C. 5:23-3.15(b)7vi, for Section 7.10.2, Water conservation, related to showers.

47. At N.J.A.C. 5:23-3.15(b)7xi, an amendment is made to delete Section 7.21.10, Adult Changing Station, in its entirety. The requirements addressed in this section are included in the IBC at Sections 1110.4 through 1110.4.4.

48. At N.J.A.C. 5:23-3.15(b)10iii, the Department's amendment to maintain Section 12.10, Wet Venting, from the 2015 edition of the NSPC, is deleted, as the 2024 NSPC has reverted to the text from 2015; thus, the Department's amendments are no longer needed.

49. At N.J.A.C. 5:23-3.15(b)11iii(2), an amendment is made to ensure that the term "secondary" is replaced with "overflow" in the first and sixth sentence of Section 13.1.10.2.

50. At N.J.A.C. 5:23-3.15(b)15i, amendments update the referenced standard to cite the ICC, as adopted by the Department, and the contact information for the Pool and Hot Tub Alliance.

51. At new N.J.A.C. 5:23-3.15(b)17iii, the amendments revise Section E.10.2, Rainfall Rates, to align with those made at E.9.3, Rainfall Rates, to ensure consistency.

52. At N.J.A.C. 5:23-3.15(b)17iv, Section E.10.3, Secondary Roof Drainage is proposed for deletion to align with the deletion of Section E.9.4, Secondary Roof Drainage.

53. At N.J.A.C. 5:23-3.15(b)20, Appendix M, Impact of Water Temperature on the Potential for Scalding and Legionella Growth, is proposed for deletion as the content of the appendix falls within the jurisdiction of the Departments of Environmental Protection and Health.

54. At N.J.A.C. 5:23-3.15(b)21, Appendix N, Non-Sewered Sanitation Systems is proposed for deletion as the content of the appendix falls within the jurisdiction of the Departments of Environmental Protection and Health.

55. At N.J.A.C. 5:23-3.15(b)22, Appendix O, Indoor Horticultural Facilities, is proposed for deletion, as the content of the appendix falls within the jurisdiction of the Departments of Environmental Protection and Health.

Electrical Subcode (N.J.A.C. 5:23-3.16)

Electrical Subcode Summary Statements

56. At N.J.A.C. 5:23-3.16(a)1, 2, and 3, amendments update the NEC to the 2023 edition.

57. At N.J.A.C. 5:23-3.16(b)2iv, the definition of “qualified person” is amended to incorporate a reference to the applicable licensing law for electrical work; this is because the definition of “qualified person,” as written, would preclude homeowners from undertaking work that is permissible pursuant to N.J.S.A. 45:5A-1 et seq.

58. At N.J.A.C. 5:23-3.16(b)2v, Section 110.17, Servicing and Maintenance of Equipment, is deleted in its entirety, because maintenance is outside the scope of the UCC.

59. At N.J.A.C. 5:23-3.16(b)2vi, Section 110.29, In Sight From (Within Sight From, Within Sight), is deleted because the section is redundant and unnecessary; these terms are addressed in the definitions section of the NEC.

60. At N.J.A.C. 5:23-3.16(b)3i, amendments update the section number and title to reflect renumbering and rewriting within the NEC with no change in technical requirement.

61. At N.J.A.C. 5:23-3.16(b)3ii, Section 225.41, Emergency Disconnects, is proposed for deletion, as this is appropriately covered in Section 230.85. This section is not worded clearly and creates undue confusion.

62. At N.J.A.C. 5:23-3.16(b)4ii, the Department’s amendment to delete Section 334.12(A)(2) is proposed for deletion. This section prohibits Type NM cable exposed within a

dropped or suspended ceiling cavity in other than one- and two-family and multiple dwellings. The Department has determined that, since the use of Type NM Cables in these instances has been prohibited on a national level for many years, most inspectors are no longer trained to recognize their use. As such, it is no longer appropriate for new construction to allow for Type NM Cable in these instances.

63. At N.J.A.C. 5:23-3.16(b)5ii, Section 425.8 is updated to Section 425.10 to reflect renumbering within the NEC/2023. Further, the current amendment to delete former Section 425.10, which had been entitled “Special Permission,” is proposed for deletion, as this section no longer exists in the NEC. At recodified N.J.A.C. 5:23-3.16(b)5ii(7), amendments are made to update the title of Section 425.22(C) to reflect the most recent NEC with no change in technical requirement.

64. At N.J.A.C. 5:23-3.16(b)6, two changes are made to add section titles where they were previously left out with no change in technical requirement. In addition, a change is made at N.J.A.C. 5:23-3.16(b)6iv to reflect renumbering of a figure with no change in technical requirement.

65. At N.J.A.C. 5:23-3.16(b)7i through v, amendments made throughout Chapter 6 of the electrical subcode which reference ASME A17.1 are proposed for deletion. These amendments were previously made because the NEC referenced an outdated version of the Standard, and the Department would amend the sections to include the most recent edition of ASME A17.1. In the NEC/2023, the year for the standard has been removed; as such, the edition adopted by the Department will apply automatically, and there is no need for these amendments.

66. N.J.A.C. 5:23-3.16(b)7vii is proposed for deletion, as Article 680.25 is no longer in the 2023 NEC.

67. At N.J.A.C. 5:23-3.16(b)8i, Section 706.7, Commissioning and Maintenance, is proposed for deletion. Commissioning occurs after a Certificate of Occupancy or a Certificate of Approval is issued, and the UCC is not a maintenance regulation; as such, requirements for commissioning and maintenance are outside the scope of the UCC.

Fire Protection Subcode (N.J.A.C. 5:23-3.17)

Fire Subcode Summary Statements

68. At N.J.A.C. 5:23-3.17(a)1ii, two sections are added under the electrical subcode to reflect responsibility assignments for fire protection subcode officials at N.J.A.C. 5:23-3.4: NEC/2023, Section 110.3 for listing/labeling and Article 728 for fire-resistive cable systems. Additionally, a change is made to correct a punctuation error at sub-subparagraph (a)1ii(7).

69. At N.J.A.C. 5:23-3.17(a)1iii(7), a change is made to correct an error in punctuation. A change is also made to delete the word “and” at N.J.A.C. 5:23-3.17(a)1v(11), as it does not follow the formatting of the remaining subsections.

Energy Subcode (N.J.A.C. 5:23-3.18)

Below is a brief description of the International Energy Conservation Code and the State and Federal framework in which the energy code operates. In all cases, the Governor’s Energy Master Plan was considered in incorporating most changes of the new editions of the codes and deleting prior modifications.

Commercial — States are required to certify within two years of U.S. Department of Energy’s (DOE) affirmative determination that the provisions of its commercial building code regarding energy efficiency have been reviewed and, as necessary, updated to meet or exceed the

updated edition of Standard 90.1. This determination was achieved through the DOE’s technical analysis estimating that buildings meeting 90.1-2022 (as compared to the previous 2019 edition) would result in a national average site energy estimate savings increase from 9.8 percent to 14 percent (referenced as “net” savings). More specifically, DOE’s estimates of national savings in commercial buildings are:

- 9.8 percent site energy savings
- 9.4 percent source energy savings
- 9.3 percent carbon emissions savings

Standard 90.1-2022 marks the first time onsite generation of renewable energy systems is incorporated as a prescriptive requirement of the standard, recognizing the role of renewables in new construction, echoing similar requirements in several state and local building codes and better positioning new commercial buildings to achieve net zero energy in the future. Other key changes include customizable energy credits, a new mechanical system efficiency performance option, requirements to address thermal bridging, expanded criteria for whole-building air-leakage testing, updated lighting power allowances, and additional guidance for using emissions in addition to traditional site, source, and cost-based metrics. The updated modifications to the energy subcode maintain the current edition of ASHRAE Standard 90.1-2019 as the design standard and follows the Federal mandate.

Residential — The updates to the Residential portion of the IECC are largely typical. Most notably, the insulation and fenestration requirements that were updated in 2021 have been amended in the 2024 edition to revert to the 2018 IECC insulation requirements. The updated table is shown below (updated numbers shown in bold):

Climate Zone	Zone 4, 2021	Zone 4, 2024	Zone 5, 2021	Zone 5, 2024
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Vertical fenestration U-factor	0.30	0.30	0.30	0.28^g
Skylight U-factor	0.55	0.53	0.55	0.50
Glazed vertical fenestration SHGC	0.40	0.40	0.40	NR
Skylight SHGC	0.40	0.40	0.40	NR
Ceiling R-value	60	49	60	49
Insulation entirely above roof deck	(moot)	30ci	(moot)	30ci
Wood-framed wall R-value ^e	30 or 20&5ci or 13&10ci or 0&20ci	30 or 20&5ci or 13&10ci or 0&20ci	30 or 20&5ci or 13&10ci or 0&20ci	30 or 20&5ci or 13&10ci or 0&20ci
Mass wall R-value ^f	8/13	8/13	13/17	13/17
Floor R-value ^h	19	19 or 13+5ci or 15ci	30	30 or 19+7.5ci or 20ci
Basement Wall R-value ^{b, e}	10ci or 13	10ci or 13	15ci or 19 or 13&5ci	15ci or 19 or 13&5ci
Unheated slab R-value & depth ^c	10ci, 4 ft	10ci, 3 ft	10ci, 4 ft	10ci, 3 ft
Heated slab R-value & depth	R-10ci, 4 ft and R-5 full slab (note d)	R-10ci, 3 ft and R-5 full slab	R-10ci, 4 ft and R-5 full slab (note d)	R-10ci, 3 ft and R-5 full slab
Crawl space wall R-value ^{b, e}	10ci or 13	10ci or 13	15ci or 19 or 13&5ci	15ci or 19 or 13&5ci

Additionally, the 2024 edition establishes an additional energy efficiency package credit requirement, which presents additional options for energy efficiency. Residential buildings must have a total of 10 credits. This is an expansion of the previous energy efficiency package requirement.

Even with the reduction in insulation requirements, the DOE estimates that the 2024 IECC is eight percent more efficient than the 2021 edition.

Energy Subcode Summary Statements

A section-by-section description of the proposed amendments to IECC/2024 is below.

70. At N.J.A.C. 5:23-3.18(a)1, the IECC is updated to cite the 2024 edition.

71. At N.J.A.C. 5:23-3.18(b)1ii, proposed amendments reflect renumbering within the IECC, as well as new sections where a reference to ASHRAE 90.1 is necessary.

72. At N.J.A.C. 5:23-3.18(b)1iii, various sections are proposed for deletion from the energy subcode, as they are administrative provisions that are covered in the administrative provisions of the UCC.

73. At N.J.A.C. 5:23-3.18(b)2, 3, and 4, proposed amendments would add the caveat that, although sections are deleted, they are applicable when utilizing an optional appendix that references those sections. Further changes at N.J.A.C. 5:23-3.18(b)4 also include new sections for deletion, as they are outside the scope of the UCC.

74. At N.J.A.C. 5:23-3.18(b)6, the referenced standards table is amended to better align with the adoption of standards within the UCC. This provides a greater level of clarity for code users.

75. At N.J.A.C. 5:23-3.18(b)7, Appendices CD through CJ, which include the above code provisions, are proposed as optional for use by the permit applicant or for the use of incentive programs.

76. At N.J.A.C. 5:23-3.18(c)1ii and iii, proposed amendments renumber sections to reflect renumbering within the 2024 IECC and maintain deletions that are administrative in nature, as they are addressed by the administrative requirements of the UCC.

77. At N.J.A.C. 5:23-3.18(c)2, the definition of “Construction Documents” is proposed for deletion since this is covered within the administrative provisions of the UCC. In addition, the definitions of “Existing Building,” “Substantial Improvement,” and “Work Area” are

proposed for deletion, as these terms are addressed within the Rehabilitation Subcode, N.J.A.C. 5:23-6.

78. At N.J.A.C. 5:23-3.18(c)4, proposed amendments incorporate changes to section titles and delete a section that is no longer applicable in the IECC with no technical changes to the requirements within the section.

79. At N.J.A.C. 5:23-3.18(c)6, the referenced standards table is amended to better align with the adoption of standards within the UCC. This provides a greater level of clarity for code users.

80. At N.J.A.C. 5:23-3.18(c)7, Appendices RD through RL, including Resource RRA, which include above code provisions, are proposed as optional for use by the permit applicant or for the use of incentive program, with the exception of the Application sections of Appendices RC and RH, as these conflict with the requirements set forth in the Rehabilitation Subcode, N.J.A.C. 5:23-6.

Mechanical Subcode (N.J.A.C. 5:23-3.20)

In late 2021, the United States Environmental Protection Agency (EPA) issued a rule following legislation that mandates an 85 percent nationwide phasedown in hydrofluorocarbon (HFC) refrigerants by 2036. The 2024 I-Code changes facilitate compliance with these requirements and support producers and refrigerant appliance manufacturers already transitioning to lower global warming potential (GWP) solutions, such as A2Ls. The changes in the 2024 IMC, along with the IBC and IFC, allow commercial and residential use of A2L refrigerants to replace high GWP HFC refrigerants. The changes made also coincide with New

Jersey law, P.L. 2019, c. 507, with the Significant New Alternatives Policy (SNAP) program, as modified at P.L. 2023, c. 178 (N.J.S.A. 52:27D-123.18(b)).

Mechanical Subcode Summary Statements

81. At N.J.A.C. 5:23-3.20(a)1, the version of the International Mechanical Code cited is updated from the 2021 edition to the 2024 edition.

82. At N.J.A.C. 5:23-3.20(a)2, amendments would expand the statement that references to the International Plumbing Code (IPC), IECC, and IEBC throughout the code shall be considered a reference to the appropriate subcodes of the UCC. In doing so, amendments currently made to the following sections are proposed for deletion:

- At N.J.A.C. 5:23-3.20(b)3iii, Section 301.11 of the IMC.
- At N.J.A.C. 5:23-3.20(b)7i and iii, Sections 908.5 and 928.1 of the IMC.
- At N.J.A.C. 5:23-3.20(b)8ii, iii, iv, and v, Sections 1002.1, 1002.2, 1002.3, and 1008.2 of the IMC.
- At N.J.A.C. 5:23-3.20(b)10, Section 1210.8.1 of the IMC. This is the only amendment to Chapter 12; as such, the rest of the subcode is renumbered accordingly.

Additionally, references that the Department had previously missed upon review would be covered by the new wording of this section.

83. At N.J.A.C. 5:23-3.20(b)1, amendments insert a cross-reference to the applicable administrative provisions of the UCC (N.J.A.C. 5:23) for each section title; this includes a reference to N.J.A.C. 5:23-3.7 for the alternative materials section of the IMC.

84. At new N.J.A.C. 5:23-3.20(b)2ix, amendments delete the definition of peer review, as the definition conflicts with the Department's peer review process.

85. At N.J.A.C. 5:23-3.20(b)4 and 5, amendments throughout update new section locations compared to the previous edition of the code.

86. At new N.J.A.C. 5:23-3.20(b)8ii, amendments delete Section 1002.4, Water heater pan required. This section contains provisions that conflict with the requirements for water heater pans within the plumbing subcode.

87. At recodified N.J.A.C. 5:23-3.20(b)11, the referenced standards are amended throughout to incorporate references to the subcodes of the UCC.

88. At recodified N.J.A.C. 5:23-3.20(b)12, the amendment related to Appendix A is rewritten with no change in technical requirement.

89. At recodified N.J.A.C. 5:23-3.20(b)13, the amendment related to Appendix B is reworded and Appendix C, Board of Appeals, is deleted, as the Department has regulations that address the Construction Board of Appeals at N.J.A.C. 5:23A.

90. At new N.J.A.C. 5:23-3.20(b)14, Appendices D, Clean Air Delivery, and E, Clean Air Delivery and Monitoring, are proposed for adoption as optional at the discretion of the permit applicant.

One- and Two-Family Dwelling Subcode (N.J.A.C. 5:23-3.21)

Many of the differences between the 2021 and 2024 editions of the International Residential Code (IRC) provide much needed clarity for requirements related to fire protection. Changes also align with the IBC (where appropriate for terminology), IECC (residential portion), IMC, and IFC. Chapter 11 of the IRC contains identical energy requirements as those listed in the IECC.

One- and Two-Family Dwelling Subcode Summary Statements

91. At N.J.A.C. 5:23-3.21(a)1, amendments update various code citations to the 2024 International Residential Code.

92. At new N.J.A.C. 5:23-3.21(a)2, proposed amendments state that references to the International Plumbing Code and the International Existing Building Code throughout the code shall be considered a reference to the plumbing subcode, N.J.A.C. 5:23-3.15, and the rehabilitation subcode, N.J.A.C. 5:23-6, respectively.

93. At new N.J.A.C. 5:23-3.21(a)3, proposed amendments specify that references to the term “code” shall be considered a reference to the term “subcode” as defined at N.J.A.C. 5:23-1.4 and in accordance with the adopted national model codes, where appropriate.

94. At N.J.A.C. 5:23-3.21(c), amendments update code citation to the 2024 International Residential Code.

95. At N.J.A.C. 5:23-3.21(c)1, amendments are incorporated to allow for all Chapter 1 references throughout the remainder of the code to be deleted administratively in line with changes made to the building subcode.

96. At N.J.A.C. 5:23-3.21(c)2iv, amendments revise the definition of “Approved Agency,” to remove the reference to Chapter 24, which is deleted from the UCC.

97. At new N.J.A.C. 5:23-3.21(c)2xxiv and xxv, definitions of “Substantial Damage” and “Substantial Improvement” are proposed for deletion, respectively, as they are addressed within the Rehabilitation Subcode, N.J.A.C. 5:23-6.

98. At N.J.A.C. 5:23-3.21(c)3ii14 and 15, amendments delete the last sentence in Note b and update the acronym for local floodplain administrator, respectively.

99. At N.J.A.C. 5:23-3.21(c)3ix, the current amendment to delete Section R302.5.1, is proposed for deletion in its entirety. This would require that garages be equipped with self-

closing doors. Historically, the Department deleted this section, because, when it was initially added to the IRC, it was cost prohibitive, and the benefits did not outweigh the cost of compliance. However, as time has gone on, these installations have become more affordable. Further, the 2024 IRC added requirements for self-closing doors for garages or rooms that contain energy storage systems as they pose a higher fire hazard. Recognizing that garages, even if they don't contain energy storage systems, more regularly contain electric cars, the Department finds that the consistency for all garages is both necessary and affordable for new construction.

100. At N.J.A.C. 5:23-3.21(c)3x and xi, amendments incorporating the word “unit” are proposed, as well as removing the term “habitable rooms” and replacing it with “portions of the dwelling unit” for internal consistency within the one- and two-family dwelling subcode. The changes also clarify the applicability of a UCC Formal Technical Opinion.

101. Throughout Chapter 3 of the IRC, sections were renumbered with no change in the applicability of the text and due to this, N.J.A.C. 5:23-3.21(c)3xi through xli were completely restructured. The recodifications are noted below:

- N.J.A.C. 5:23-3.21(c)3xi is recodified from N.J.A.C. 5:23-3.21(c)3xxxiii.
- N.J.A.C. 5:23-3.21(c)3xii is recodified from N.J.A.C. 5:23-3.21(c)3xxxiv.
- N.J.A.C. 5:23-3.21(c)3xiii is recodified from N.J.A.C. 5:23-3.21(c)3xxxv.
- N.J.A.C. 5:23-3.21(c)3xiv is recodified from N.J.A.C. 5:23-3.21(c)3xxxvi.
- N.J.A.C. 5:23-3.21(c)3xv is recodified from N.J.A.C. 5:23-3.21(c)3xxxvii.
- N.J.A.C. 5:23-3.21(c)3xvi is recodified from N.J.A.C. 5:23-3.21(c)3xxxviii.
- N.J.A.C. 5:23-3.21(c)3xvii is recodified from N.J.A.C. 5:23-3.21(c)3xxxix.
- N.J.A.C. 5:23-3.21(c)3xviii is recodified from N.J.A.C. 5:23-3.21(c)3xl.

- N.J.A.C. 5:23-3.21(c)3xix is recodified from N.J.A.C. 5:23-3.21(c)3xxx.
- N.J.A.C. 5:23-3.21(c)3xx is recodified from N.J.A.C. 5:23-3.21(c)3xxiv.
- N.J.A.C. 5:23-3.21(c)3xxi is recodified from N.J.A.C. 5:23-3.21(c)3xxv.
- N.J.A.C. 5:23-3.21(c)3xxii is recodified from N.J.A.C. 5:23-3.21(c)3xxvi.
- N.J.A.C. 5:23-3.21(c)3xxiii is recodified from N.J.A.C. 5:23-3.21(c)3xxvii.
- N.J.A.C. 5:23-3.21(c)3xxiv is recodified from N.J.A.C. 5:23-3.21(c)3xxviii.
- N.J.A.C. 5:23-3.21(c)3xxv is recodified from N.J.A.C. 5:23-3.21(c)3xxix.
- N.J.A.C. 5:23-3.21(c)3xxviii is recodified from N.J.A.C. 5:23-3.21(c)3xli.
- N.J.A.C. 5:23-3.21(c)3xxix is recodified from N.J.A.C. 5:23-3.21(c)3xviii.
- N.J.A.C. 5:23-3.21(c)3xxx is recodified from N.J.A.C. 5:23-3.21(c)3xix.
- N.J.A.C. 5:23-3.21(c)3xxxi is recodified from N.J.A.C. 5:23-3.21(c)3xx.
- N.J.A.C. 5:23-3.21(c)3xxxiii is recodified from N.J.A.C. 5:23-3.21(c)3xxii.
- N.J.A.C. 5:23-3.21(c)3xxxiv is recodified from N.J.A.C. 5:23-3.21(c)3xv.
- N.J.A.C. 5:23-3.21(c)3xxxv is recodified from N.J.A.C. 5:23-3.21(c)3xvii.
- N.J.A.C. 5:23-3.21(c)3xxxvi is recodified from N.J.A.C. 5:23-3.21(c)3xxi.
- N.J.A.C. 5:23-3.21(c)3xxxvii is recodified from N.J.A.C. 5:23-3.21(c)3xxxi.
- N.J.A.C. 5:23-3.21(c)3xxxviii is recodified from N.J.A.C. 5:23-3.21(c)3xxxii.
- N.J.A.C. 5:23-3.21(c)3xxxix is recodified from N.J.A.C. 5:23-3.21(c)3xii.
- N.J.A.C. 5:23-3.21(c)3xl is recodified from N.J.A.C. 5:23-3.21(c)3xiii.
- N.J.A.C. 5:23-3.21(c)3xli is recodified from N.J.A.C. 5:23-3.21(c)3xiv.

102. Existing N.J.A.C. 5:23-3.21(c)3xvi is proposed for deletion in its entirety.

103. Existing N.J.A.C. 5:23-3.21(c)3xxiii is proposed for deletion; this amendment is no longer necessary due to the addition of Section R320, which addresses stairs and ramps for handrail height.

104. At N.J.A.C. 5:23-3.21(c)3xxvi, Section R313.1.2, Habitable attics and basements in existing buildings, is proposed for deletion, as existing buildings are addressed within the Rehabilitation Subcode of the UCC, N.J.A.C. 5:23-6.

105. At new N.J.A.C. 5:23-3.21(c)3xxxii, Section R318.7.9, Stairways in existing buildings, is proposed for deletion, as this section conflicts with the rehabilitation subcode of the UCC.

106. At N.J.A.C. 5:23-3.21(c)3xlii, xliv, and xlv, proposed amendments reflect renumbering within the IRC with no change in applicability. Additionally, amendments to update model code section references are incorporated.

107. At N.J.A.C. 5:23-3.21(c)3xlili, amendments update model code section references to the International Swimming Pool and Spa Code and amend the 2024 ISPSC such as those amendments found within the building subcode.

108. At N.J.A.C. 5:23-3.21(c)xliv and xlv, amendments update model code section references in accordance with the 2024 International Residential Code.

109. At N.J.A.C. 5:23-3.21(c)4i, an amendment is proposed to update a table reference in accordance with the 2024 International Residential Code.

110. N.J.A.C. 5:23-3.21(c)4iv, v, and vi are proposed for deletion in their entirety.

111. N.J.A.C. 5:23-3.21(c)4viii is proposed for deletion to remove the amendments to Section R406 in its entirety and retaining Section R405 of the non-amended International Residential Code without amendments. R405 and R406 are to be maintained pursuant to the

2024 code, so that the previous amendments in the 2021 code, which was amended to follow the IBC for dampproofing/waterproofing, will be deleted. The IRC unamended contains the same requirements and provides designers with minor options.

112. At N.J.A.C. 5:23-3.21(c)5i and ii, amendments to update model code section references are incorporated in accordance with the 2024 International Residential Code.

113. N.J.A.C. 5:23-3.21(c)5iii is proposed for deletion due to the retention of Section R405 of the nonamended International Residential Code.

114. At new N.J.A.C. 5:23-3.21(c)5iii, Section R507.9.1.7, Existing walls, is proposed for deletion due to conflict with the rehabilitation subcode.

115. At N.J.A.C. 5:23-3.21(c)10, applicable provisions and amendments are included in accordance with the 2024 International Energy Conservation Code – Residential.

116. At new N.J.A.C. 5:23-3.21(c)15i, Section M2002.4.1, Requirements for discharge pipe, item 13, “materials indicated in Section P2906.5 or” is proposed for deletion.

117. N.J.A.C. 5:23-3.21(c)19iii is proposed for deletion in its entirety.

118. At new N.J.A.C. 5:23-3.21(c)24, proposed amendments incorporate the 2024 model codes at new Chapter 44, Reference Standards.

119. At recodified N.J.A.C. 5:23-3.21(c)25, amendments restructure the amendments made to appendices that are adopted, informative, or optional at the discretion of the permit applicant. As always, appendices not specifically mentioned are deleted. Appendices proposed for adoption: BK Cob Construction (Monolithic Adobe); BL, Hemp-Lime (Hempcrete) Construction; and BN, Extended Plate Wall Construction. Appendices optional at the discretion of the permit applicant are in line with those found in the IECC-R: (1) Solar-Ready Provisions –Detached One- and Two-Family Dwellings and Townhouses (old AT);

(2) Zero Net Energy Residential Building Provisions (old AX); (3) Electric Energy Storage Provisions; (4) Electric Vehicle Charging Infrastructure; (5) Alternative Building Thermal Envelope Insulation R-Value Options; (6) 2024 IECC Stretch Code; (7) Operational Carbon Rating and Energy Reporting; (8) On-Site Renewable Energy; (9) Demand Responsive Controls; (10) Electric-Ready Residential Building Provisions; (11) Renewable Energy Infrastructure; and (12) Resource A, All-Electric Residential.

Fuel Gas Subcode (N.J.A.C. 5:23-3.22)

Fuel Gas Subcode Summary Statements

120. At N.J.A.C. 5:23-3.22(a)1, the version of the International Fuel Gas Code cited is updated from the 2021 edition to the 2024 edition.

121. At N.J.A.C. 5:23-3.22(a)2, amendments would expand the statement that references to the IPC, IECC, and IEBC throughout the code to be considered a reference to the appropriate subcodes of the UCC. In doing so, amendments currently made to the following sections are proposed for deletion:

- At N.J.A.C. 5:23-3.22(b)3iii, Section 301.6, Plumbing Connections, of the IFGC
- At N.J.A.C. 5:23-3.22(b)6ii, Section 624.1.1, Installation requirements, and Section 624.2, Water heaters utilized for space heating, of the IFGC

Additionally, references that the Department had previously missed upon review would be covered by the new wording of this section.

122. At N.J.A.C. 5:23-3.22(b)1, amendments insert a cross-reference to the applicable administrative provisions of the UCC (N.J.A.C. 5:23) at each section title; this includes a reference to N.J.A.C. 5:23-3.7 for the alternative materials section of the IFGC.

123. At new N.J.A.C. 5:23-3.22(b)2viii, amendments would delete the term “peer review,” as this definition applies only to Chapter 1 of the IFGC and conflicts with the use of the term in the UCC.

124. At new N.J.A.C. 5:23-3.22(b)8i(1), the referenced standards are amended throughout to incorporate references to the subcodes of the UCC.

As the Department has provided a 60-day comment period on this notice of proposal, this notice is excepted from the rulemaking calendar requirements pursuant to N.J.A.C. 1:30-3.3(a)5.

Social Impact

The proposed amendments adopt the most recent editions of the national model codes, which would have a positive social impact. This rulemaking promotes the stated purposes and intent of the Act by providing for the use of the latest construction methods, techniques, and materials through a single, clear, and up-to-date set of technical standards. The proposed adoption of the latest editions of the national model codes enhances the protection of the health and safety of building occupants by providing for the most recent advances in building methods and technologies to be incorporated into new construction in the State. As discussed in the Summary, the proposed amendments include enhancement in energy conservation through the proposed adoption of the most recent edition of the International Energy Conservation Code. Energy conservation, in and of itself, carries a societal benefit beyond the savings to individual buildings or homeowners. The most recent edition of the IECC also entails a social benefit by ensuring the State’s rules are in alignment with the goals set forth in the Governor’s Energy Master Plan. Additionally, this rulemaking will have a positive impact on State and local authorities that regulate the area of construction, as well as builders across the State, by

providing the most up-to-date construction standards in a clear and concise manner and in one location.

Economic Impact

The Department anticipates that the proposed amendments would have a largely positive economic impact because clear and current technical standards promote cost-effective construction. As the requirements of the standards proposed for adoption by reference apply to new construction, in the absence of any dramatic change to the model codes, the incremental cost of compliance is not significant as compared to the overall cost of construction. Moreover, nothing in the proposed amendments below require a municipality to increase its fees. There are, however, a few amendments which impose a modest increase in cost, including:

In the IBC/2024, tornado load requirements will have incremental increases on the cost of construction. The ICC provided increase estimates ranging from .08 percent to .24 percent of the total cost of construction. These numbers were based on case studies in the Dallas-Fort Worth area, which is part of the most highly impacted area in the country due to its combination of comparatively high tornado speeds and low basic wind speeds. The ICC notes “the increases in design pressures and costs diminish rapidly outside of the parts of the central and southeast US,” so the cost in New Jersey would likely fall under the low end of these estimates.

In the IECC/2024, the reduction in insulation in some areas will provide savings in material that will, in turn, be more cost-effective for builders, whilst maintaining appropriate thermal envelopes. Additionally, the DOE estimates energy cost savings of 8.9 percent in the ASHRAE 90.1-2022 edition, and a 6.6 percent energy cost savings in the IRC/2024 for residential buildings.

The IRC/2024 expanded the need for self-closing doors in certain locations, and the Department is proposing to adopt previously deleted amendments regarding self-closing doors. These installations typically involve the installation of specific hinges, as well as a door closer. From research of commercially available products, these hinges tend to range in price from \$10.00 to \$20.00; the door closers range from \$65.00 to \$75.00. This cost is ultimately nominal in the scheme of the construction of a new home. These rules apply to shared accessory rooms, as well as rooms containing energy storage systems and garages. Increasingly, garages are used to store electric cars with batteries that pose unique fire protection concerns. Self-closing doors prevent the spreading of fire from these locations into dwellings.

Federal Standards Statement

A Federal standards analysis is not required because these amendments are not being proposed pursuant to the authority of, or to implement, comply with, or participate in, any program established pursuant to Federal law or any State statute that incorporates or refers to any Federal law, standard, or requirement. The sole exceptions are found in the proposed amendments to N.J.A.C. 5:23-3.18, which, as discussed in the summary of the energy subcode above, would bring New Jersey into compliance with the DOE requirements promulgated pursuant to Title III of the Federal Energy Conservation and Production Act of 1976, as amended, and in the proposed amendments to the accessibility requirements within Chapter 11 of the building subcode. These amendments align with design requirements set forth within the Americans with Disabilities Act, as set forth more fully in the Summary.

Jobs Impact

The proposed amendments to adopt the latest editions of the national model codes are not expected to have an impact on the generation or loss of jobs.

Agriculture Industry Impact

The Department does not anticipate that the proposed amendments would impact the agriculture industry.

Regulatory Flexibility Analysis

The proposed amendments impose technical compliance requirements on builders, some of which are “small businesses” as defined pursuant to the Regulatory Flexibility Act, N.J.S.A. 52:14B-16 et seq. The proposed amendments establish code requirements that provide technical standards for construction, as discussed in the Summary. Builders would be required to comply with the requirements of the adopted subcodes of the UCC, as would any other entity performing construction in the State. As the proposed amendments establish health and safety requirements, there is no basis for differential treatment of small businesses. The adoption of the most recent editions of the national model codes is not expected to introduce any new recordkeeping or reporting requirements on small businesses, nor is it expected to cause small businesses to need to employ professional services not already required for compliance with the UCC.

Housing Affordability Impact Analysis

The proposed amendments to adopt the most recent editions of the national model codes are expected to have a modest impact on housing affordability and the average costs of housing in the State. The cost and payback of the proposed amendments to the energy subcode are discussed above; the construction of housing would experience an initial cost increase, which would be balanced by a payback in energy savings over the life of the building. The DOE estimates a 6.6 percent energy cost savings for buildings constructed in accordance with the 2024 IRC.

Smart Growth Development Impact Analysis

The proposed amendments update various subcodes of the UCC and may impact housing units, as stated above in the Housing Affordability Impact Analysis. As the proposed amendments do not impact zoning or what may be built in a given location, it is not anticipated that the proposed amendments will have any impact upon housing production within Planning Areas 1 and 2, or within designated centers, pursuant to the State Development and Redevelopment Plan.

Racial and Ethnic Community Criminal Justice and Public Safety Impact

The Department has evaluated this rulemaking and determined that it will not have an impact on pretrial detention, sentencing, probation, or parole policies concerning adults and juveniles in the State. Accordingly, no further analysis is required.

Full text of the proposal follows (additions indicated in boldface **thus**; deletions indicated in brackets [thus]):

SUBCHAPTER 3. SUBCODES

5:23-3.14 Building subcode

(a) Rules concerning the building subcode are as follows:

1. Pursuant to authority [of] **at** P.L. 1975, c. 217, as modified [by] **at** P.L. 1996, c. 53, the Commissioner hereby adopts the model code of the International Code Council, [2021] **2024** International Building Code, known as the ["IBC/2021."] **"IBC/2024."** This code is hereby adopted by reference as the building subcode for New Jersey subject to the modifications stated at (b) below.

i. (No change.)

- ii. The [IBC/2021] **IBC/2024**, as amended, may be known and cited as the
“building subcode.”

2. (No change.)

(b) The following chapters of the building subcode are modified, as follows:

1. Chapter 1, Scope and Administration, **the subsections** shall be deleted [in its entirety.
In addition, any referenced section of Chapter 1 shall be deleted throughout the code and “the]
and “The applicable administrative provisions of the Uniform Construction Code (N.J.A.C.
5:23) **shall apply”** shall be inserted **at each section title, except that the “alternative**
materials” section shall state “The provisions of N.J.A.C. 5:23-3.7 shall apply.”

2. Chapter 2, Definitions, shall be amended as follows:

i. – iii. (No change.)

[iv. The definition of "ambulatory care facility" shall be amended as follows: the
phrase, "who are rendered incapable of self-preservation by the services provided
or staff has accepted the responsibility for care recipients already incapable" shall
be deleted and "where evacuation is impractical" shall be inserted.]

Recodify existing v.-ix. as **iv.-viii.** (No change in text.)

[x. The definition of “clinic, outpatient” shall be amended as follows: the phrase
“who are not rendered incapable of self-preservation by the services provided”
shall be deleted, and “where evacuation is slow” shall be inserted.]

[xi.] **ix.** (No change in text.)

[xii. The definition of “detoxification facilities” shall be amended as follows: the
phrase “who are incapable of self-preservation or are harmful to themselves or
others” shall be deleted, and “where evacuation is impractical” shall be inserted.]

[xiii.] **x.** (No change intext.)

[xiv. The definition of “evacuation, impractical” shall be inserted as follows:

“EVACUATION, IMPRACTICAL. The movement of all occupants, residents and staff to an exit in more than 13 minutes.”

xv. The definition of “evacuation, slow” shall be inserted as follows:

“EVACUATION, SLOW. The movement of all occupants, residents and staff to an exit in more than 3 minutes, but not more than 13 minutes.”]

Recodify existing xvi.-xvii. as **xi.-xii.** (No change in text.)

xiii. A definition of “fire code official” shall be inserted as follows:

“FIRE CODE OFFICIAL. A person that is a Fire Official as defined in N.J.A.C. 5:70.”

Recodify existing xviii.-xix. as **xiv.-xv.** (No change in text.)

[xx. The definition of “hospitals and psychiatric hospitals” shall be amended as follows: “who are incapable of self-preservation” shall be deleted, and “where evacuation is impractical” shall be inserted.]

[xxi.] **xvi.** [The] **At the** definition of “incapable of self-preservation,” [shall be deleted. This deletion shall include its cross-reference definition of the term “self-preservation, incapable of.”] **the following sentence shall be added: “The movement of all persons (occupants, residents and staff) to an exit in more than 13 minutes.”**

[xxii.] **xvii.** (No change in text.)

xviii. At the definition of “Limited verbal or physical assistance,” the following sentence shall be added: The movement of all persons (occupants,

residents, and staff) to an exit in more than 3 minutes, but not more than 13 minutes.

Recodify existing xxiii.-xxvii. as **xix.-xxiii.** (No change in text.)

xxiv. The definition of “peer review” shall be deleted.

Recodify existing xxviii-xxxix. as **xxv.-xxxvi.** (No change in text.)

3. Chapter 3, Use and Occupancy Classification, shall be amended as follows:

i. – ii. (No change.)

[iii. Section 308.1, Institutional Group I, shall be amended as follows: In the fourth and fifth line, “who are or are not capable of self-preservation without physical assistance” shall be deleted and “where evacuation is slow or impractical” shall be inserted in its place.]

[iv.] **iii.** [In] **At** Section 308.2, Institutional Group I-1, in [the fourth line following “environment” a comma shall be inserted and “and” shall be deleted. In the fifth line, following the word “care” the following shall be inserted: “and are capable of slow evacuation.” Additionally, in] the list, the word “treatment” shall be inserted following “drug” in the first item; “Assisted living facilities” and “Congregate care facilities” shall be deleted; and the terms “Boarding houses” and “Residential health care facilities” shall be inserted.

[v.] **iv.** [In] **At** Section 308.3, Group I-2, [“who are incapable of self-preservation” shall be deleted and “where evacuation is impractical” shall be inserted. Additionally,] “Assisted living facilities” shall be added to the list and “Foster care facilities” shall be deleted.

[vi.] **v.** (No change in text.)

[vii.] **vi.** [In] **At** Section 308.3.2, Five or fewer persons receiving medical care, in the [sixth and seventh] **third** line delete “903.3.1.3 **of this code** or [with] Section P2904 of the International Residential Code” and insert “903.3.1.1”.

[viii. In Section 308.4, Institutional Group I-3, in the fourth and fifth lines “who are generally incapable of self-preservation” shall be deleted and “where evacuation is impractical” shall be inserted.]

[ix.] **vii.** (No change in text.)

[x.] **viii.** [In] At Section 310.2, Residential Group R-1, in the [third] **second** line “in nature” shall be deleted. Additionally, the list of occupancies shall be deleted in its entirety and the following list inserted:

"Hotels

Motels

Vacation timeshare properties"

[xi.] **ix.** [In] **At** Section 310.3, Residential Group R-2, in the [third] **second** line “in nature” shall be deleted. Additionally, the following shall be deleted from the list of occupancies: “Boarding houses (non-transient),” “Congregate living facilities (non-transient) with more than 16 occupants,” “Hotels (non-transient) **with more than five guest rooms**,” “Motels (non-transient) **with more than five guest rooms**,” and “Vacation timeshare properties.” The following item shall be added to the list: “Rooming houses with more than 5 occupants.”

[xii.] **x.** [In] **At** Section 310.4, Residential Group R-3, in the [second and third] **first** line “in nature” shall be deleted. Additionally, in the list of occupancies, Congregate living facilities ([nontransient] **non-transient**) with 16 or fewer

occupants, shall be deleted and Boarding houses (non-transient) shall be amended by deleting “(non-transient),” and by inserting “with 5 or fewer occupants”. The terms “Convents,” “Dormitories,” “Fraternities and Sororities,” “Monasteries,” “Congregate living facilities (transient) with 10 or fewer occupants,” “Boarding Houses (transient),” [and] “Lodging houses with five or fewer guest rooms [and 10 or fewer occupants],” and **“Emergency services living quarters”** shall be deleted. The terms “Alcohol and drug treatment houses with 5 or fewer residents,” “Detached one- and two-family dwellings greater than three stories in height, multiple single-family townhouses greater than three stories in height, attached two-family dwellings separated from adjacent units by firewalls, and other one- and two-family dwellings that are outside the scope of the one- and two-family dwelling subcode,” “Group homes with five or fewer occupants in accordance with Section 308.2.4,” “Rooming houses with five or fewer occupants,” and “Single residential occupancies, accessory to a dwelling unit, having no more than five roomers or lodgers. (Single occupancies, accessory to a dwelling unit, having more than five roomers or lodgers shall be classified as Group R-2 or I-1, as appropriate.)” shall be inserted.

[xiii.] **xi.** (No change in text.)

[xiv.] **xii.** [In] **At** Section 310.5, Residential Group R-4, [in the fifth line following “environment” a comma shall be inserted and “and” shall be deleted. In the fifth line, following the word “care,” the following shall be inserted: “and are capable of slow evacuation”. Additionally,] in the list, the word “treatment” shall be inserted following “drug” in the first item; “Assisted living facilities” and

“Congregate care facilities” shall be deleted; and the term “Boarding houses” shall be inserted.

Recodify existing xv.-xvi. as **xiii.-xiv.** (No change in text.)

4. Chapter 4, Special Detailed Requirements Based on Use and Occupancy, shall be amended as follows:

i. – iii. (No change.)

iv. [In] **At** Section 407.11, Electrical systems, “Chapter 27 **and NFPA 99**” shall be deleted and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted.

v. [In] **At** Section 411.2, Automatic sprinkler[s] **system**, the exception shall be deleted in its entirety.

vi. – viii. (No change.)

[ix. In Section 422.2, Separation, the phrase “to be incapable of self-preservation at any time” shall be deleted, and “of impractical evacuation” shall be inserted.]

[x.] **ix.** [In] **At** Section 422.6, Electrical systems, “Chapter 27 **and NFPA 99**” shall be deleted and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted.

[xi.] x. (No change in text.)

5. Chapter 5, General Building Heights and Areas, shall be amended as follows:

i. – ii. (No change.)

iii. Table 504.4, ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE, shall be amended as follows:

(1) – (5) (No change in text.)

(6) The allowable number of stories for Group A-5 NS and S, construction Types IIIB, [IV] **IVA, IVB, IVC**, HT, VA, and VB shall be deleted.

(7) (No change.)

(8) Under construction Type IB for Group F-1 NS, “11” shall be deleted and “6” shall be inserted and for Group F-1 S, [“]“12” shall be deleted and “7” shall be inserted.

(9) – (25) (No change.)

iv. Table 506.2, ALLOWABLE AREA FACTOR IN SQUARE FEET, shall be amended as follows:

(1) (No change.)

(2) Under construction Type IIIB, [IV,] **IVA, IVB, IVC**, HT, VA, and VB for Group A-5 NS, S1, and SM, “UL” shall be deleted.

(3) – (5) (No change.)

v. Section 507.3, Nonsprinklered, one story **buildings**, shall be deleted in its entirety.

vi. Section 507.5, Two-Story buildings, shall be amended as follows: In the [second] **first** line, “of Type I or Type II construction that is” shall be inserted after “building.”

vii. – viii. (No change.)

6. (No change.)

7. Chapter 7, Fire and Smoke Protection Features, shall be amended as follows:

[i. In Section 703.2.3, Approved alternate protection, is amended to delete “Section 104.11” and insert “N.J.A.C. 5:23-3.7” in its place.]

Recodify existing ii.-iv. as **i.-iii.** (No change in text.)

[v.] **iv.** [In] **At Table [705.8] 705.9, MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION, Note j shall be deleted.**

Recodify existing vi.-ix. as **v.-viii.** (No change in text.)

[x. In Section 716.1.1, Alternative methods for determining fire protection ratings, item 4 “Section 104.11” shall be deleted and “N.J.A.C. 5:23-3.7” shall be inserted.]

8. Chapter 9, Fire Protection **and Life Safety** Systems, shall be amended as follows:

i. – v. (No change.)

[vi. Section 903.2.2, Ambulatory Care Facilities, “Evacuation is impractical for” shall be inserted at the beginning of the sentence in item 1, and “are incapable of self-preservation” shall be deleted. “Evacuation is impractical for” shall be inserted at the beginning of the sentence in item 2, and “that are incapable of self-preservation” shall be deleted.]

vi. At Section 903.2.6, Group I, Exception #2, insert “For other than buildings of construction types IIB or VB,” at the beginning of the sentence.

[vii. In Section 903.2.6, Group I, Exception # 2, insert “For other than buildings of construction Types IIIB or VB,” at the beginning of the sentence. Additionally, insert “that accommodate 100 or fewer persons,” following “level of exit discharge.”]

Recodify existing viii.-ix. as **vii.-viii.** (No change in text.)

[x. New Section 903.2.13, Automatic sprinkler system thresholds, shall be inserted as follows: “An automatic sprinkler system shall be required in accordance with Section 903.3.1.1 when the maximum area is exceeded for the following construction types of Groups B, F-2, and S-2 in accordance with Table 903.2.13, Automatic Sprinkler System Thresholds. All others not listed shall follow the applicable requirements as set forth in this code.

TABLE 903.2.13 ADDITIONAL REQUIRED PROTECTION SYSTEMS

Automatic Sprinkler System Thresholds (in square feet)			
Group B			
	IIB	IIIB	VB
Story	Max. Area	Max. Area	Max. Area
1	36,000	*	*
2	72,000 (36,000 per floor)	*	*
3	99,360 (36,000 per floor)	99,360 (36,000 per floor)	*
Group F-2			
	IIB	IIIB	VB
Story	Max. Area	Max. Area	Max. Area
1	36,000	*	18,000
2	72,000 (36,000 per floor)	*	36,000 (18,000 per floor)
3	99,360 (36,000 per floor)	*	*
Group S-2 ^a			
	IIB	IIIB	VB
Story	Max. Area	Max. Area	Max. Area
1	36,000	36,000	18,000
2	72,000 (36,000 per floor)	72,000 (36,000 per floor)	36,000 (18,000 per floor)
3	99,360 (36,000 per floor)	99,360 (36,000 per floor)	*
a. Exception – Open parking structures in accordance with Section 406.5 * Requirements as set forth in this code]			

[xi.] **ix.** [In] **At** Section 903.3.1.1.1, Exempt locations, “fire code official” shall be deleted and “fire protection subcode official” shall be inserted in number [2] **1.**

Recodify existing xii.-xiv. as **x.-xii.** (No change in text.)

[xv. In Section 903.4, Sprinkler system supervision and alarms, in exception 2, delete “in accordance with Section 903.3.8.”]

[xvi.] **xiii.** [In] **At** Section [903.4.1] **903.4.2**, Monitoring, “fire code official” shall be deleted and “fire protection subcode official” shall be inserted.

[xvii.] **xiv.** Section 903.5, “**Inspection**, Testing and Maintenance”, shall be deleted and the following shall be inserted in its place: “903.5 Acceptance tests: All sprinkler systems with the exception of limited area sprinkler systems shall be tested in accordance with NFPA 13 listed in Chapter 35.

903.5.1 Flow test: All systems shall be tested at the test pipe to determine that water-flow detecting devices, including the associated alarm circuits, are in proper working order. Dry pipe systems shall deliver water to the inspector’s test pipe in not more than 60 seconds.

903.5.2 Limited area sprinkler system acceptance test. All limited area sprinkler systems, which are not connected to a building standpipe system, shall be tested hydrostatically for a minimum of 15 minutes without visible leakage at the working pressure under which the system is to be used. Limited area sprinkler systems, which are connected to a building standpipe system, shall be tested in accordance with NFPA 13 listed in Chapter 35.”

Recodify existing xviii.-xxv. as **xv.-xxii.** (No change in text.)

[xxvi.] **xxiii.** [In] **At** Section 905.2, Installation [standards] **standard**, Sections 915.4, 915.5, and 915.6 of the 1996 BOCA National Building Code shall be inserted as follows: “905.2.1 Piping design. The riser piping, supply piping and

the water service piping shall be sized to maintain a residual pressure of at least 65 psi (448 kPa) at the topmost outlet of each riser while flowing the minimum quantities of water specified [in] at Sections 905.2.1.1 and 905.2.1.2. The pipe size shall be based on the capacity of the automatic water supply system or, where an automatic water supply is neither required nor provided to maintain the residual pressure of 65 psi (448 kPa), the pipe size shall be based on a pressure of 150 psi (1,034 kPa) available at the fire department connection.

Exception: The residual pressure of 65 psi (448 kPa) is not required in buildings equipped throughout with an automatic sprinkler system installed in accordance with either Section 903.3.1.1 or 903.3.1.2 also and also where the highest floor level is not more than 150 feet (45720 mm) above the lowest level of fire department vehicle access.

905.2.1.1 Riser sizing: The riser size shall be based on hydraulic calculations for a minimum flow of 500 gallons per minute (gpm) (1892 L/min.).

Exceptions:

1. Where only 1½-inch valves are provided, the riser(s) shall be sized to provide a minimum flow of 100 gpm (378 L/min.).
2. In buildings where limited area sprinkler systems are supplied with water from a common standpipe riser, the riser shall be sized to satisfy total demand.
3. For occupancies in Group B, I, R-1 or R-2 in buildings that are equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1, each riser shall be sized for a minimum flow of 250 gpm (945 L/min.).

4. Risers that are sized in accordance with the pipe schedule requirements of NFPA 14 listed in Chapter 35 are not subject to this requirement.

905.2.1.2 System pipe sizing: The system piping, including the horizontal or common feeder lines shall be sized for a minimum flow of 500 gpm (1,892 L/min.). Where more than one standpipe riser is required or provided, all common system piping shall be sized for a minimum flow of 500 gpm (1892 L/min.) for the first riser plus 250 gpm (945 L/min.) for each additional riser, and the total shall not be required to exceed 1,250 gpm (4731 L/min.).

Exceptions

1. Where only 1½-inch valves are provided, the supply piping shall be sized for a minimum flow of 100 gpm (378 L/min.) for each riser, and the total shall not be required to exceed 500 gpm (1892 L/min.).
2. In buildings where limited area sprinkler systems are supplied with water from a common standpipe riser, the supply piping shall be sized for a minimum flow of 500 gpm (1892 L/min.) plus the sprinkler demand for the first riser, plus 250 gpm (945 L/min.) for each additional riser, and the total shall not be required to exceed 1,250 gpm (4731 L/min.).
3. For occupancies in Group B, I, R-1 or R-2 in buildings that are equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1, all common supply piping shall be sized for a minimum flow of 250 gpm (945 L/min.) for the first riser plus 250 gpm (945 L/min.) for each additional riser, and the total shall not be required to exceed 750 gpm (2838 L/min.).

905.2.2 Water supply: A water supply for fire department equipment shall be available to the building site. The water supply shall be capable of a minimum flow as required by Section 905.2.1.2 for a duration of 30 minutes.

905.2.2.1 Automatic water supply: An automatic water supply is required for all standpipe systems. The automatic water supply and supply piping shall be capable of delivering a flow of 500 gpm (1892 L/min.) at the residual pressure specified in Section 905.2.1 for a duration of 30 minutes.

Exceptions

1. In buildings equipped throughout with an automatic sprinkler system installed in accordance with either Section 903.3.1.1 or 903.3.1.2 and where the highest floor is located not more than 150 feet (45720 mm) above the lowest level of fire department vehicle access, the automatic water supply is not required to exceed the requirements of NFPA 13 listed in Chapter 35.

2. Dry standpipe systems installed in open parking structures.”

[xxvii.] **xxiv.** New Section [905.3.2] **905.3.1A** shall be inserted **between Sections 905.3.1 and 905.3.2 to include IBC/2000, Section 905.3.2, Building area**, as follows:

"[905.3.2] **905.3.1A** Building area. In buildings exceeding 10,000 square feet (929 m²) in area per story, Class I automatic wet or manual wet standpipes shall be provided where any portion of the building’s interior area is more than 200 feet (60,960 mm) of travel, vertically and horizontally, from the nearest point of fire department vehicle access.

Exceptions:

1. Buildings equipped throughout with automatic sprinkler systems installed in accordance with Section 903.3.1.1.
2. Group A-4, A-5, F-2, R-2, S-2 or U occupancies.
3. Automatic dry and semiautomatic dry standpipes are allowed as provided for in NFPA 14.”

[xxviii. Section 905.3.2, Group A, shall be renumbered as 905.3.3 with no change in text.]

[xxix.] **xxv.** Section 905.3.3, Covered **and open** mall buildings, [shall be renumbered as 905.3.4. Additionally, “or 905.3.2] **“or 905.3.1A”** shall be added after “905.3.1” in the first and second sentence.

[xxx. Sections 905.3.4 through 905.3.8 shall be renumbered as 905.3.5 through 905.3.9 with no change in text.]

[xxxi.] **xxvi.** [In] **At** Section 905.4, Location of Class I standpipe hose connections, Item[s] 1 [and 2] shall be deleted [in their entirety.], **and** Section 915.7 of the 1996 BOCA National Building Code shall be inserted [as Item 1] as follows: “A standpipe hose connection shall be located at each floor level at every exit stairway, and on each side of the wall adjacent to the exit opening of a horizontal exit.

Exceptions

1. Where the floor areas adjacent to a horizontal exit are reachable from exit stairway outlets by a 30-foot (9,144 mm) hose stream from a nozzle attached

to 100 feet (30,480 mm) of hose, a hose connection shall not be required at the horizontal exit.

2. Standpipe hose connections for systems required by Section [905.3.2.]

905.3.1A shall be permitted to be located only at exits such that all portions of the building floor area are not more than 200 feet (60,960 mm) from a hose connection or 200 feet (122 m) from the nearest point of fire department vehicle access.”

[Also, renumber Items 3 through 6 as 2 through 5. Lastly,] **In addition, Item 2 shall be deleted and** in Item [#5] **6**, “fire code official” shall be deleted and “fire protection subcode official” shall be inserted.

Recodify existing xxxii.-xxxix. as **xxvii.-xxxiv**. (No change in text.)

[xl.] **xxxv**. Add new [section 907.2.1.2] **Section 907.2.1.1A between Sections 907.2.1.1 and 907.2.1.2** as follows:

“[907.2.1.2] **907.2.1.1A** Group A-2 Nightclubs. An automatic fire detection system shall be installed throughout all Group A-2 nightclubs with an occupant load of 100 or more. If the alarm is activated by smoke detectors, it shall be activated by either two cross-zoned smoke detectors within a single protected area or a single smoke detector monitored by an alarm verification zone or an approved equivalent method and the smoke detectors shall be of a type designed to reduce the possibility of false notifications based on the conditions present in the area protected. The automatic fire detection system shall be tied to the performance sound system and to the house lights in such a way that activation of the fire detection system mutes the performance sound

system and restores the intensity of illumination to that required by Section 1008.2.1.

Exception: Automatic fire detection systems are not required in buildings provided with an automatic sprinkler system throughout.”

[xli. Section 907.2.1.2 Emergency voice/alarm communication captions, shall be renumbered as Section 907.2.1.3.]

Recodify existing xlii.-xlv. as **xxxvi.-xxxix.** (No change in text.)

[xlii.] **xl.** A new Section 907.2.9A, Group R-4, shall be [added] **inserted between Sections 907.2.9 and 907.2.10** to include **IBC/2015**, Section 907.2.10.2, Automatic smoke detection system, [of the IBC/2015] **as follows:**

907.2.9A, Group R-4. An automatic smoke detection system that activates the occupant notification system in accordance with Section 907.5 shall be installed in corridors, waiting areas open to corridors, and habitable spaces other than sleeping units and kitchens.

Exceptions:

1. Smoke detection in habitable spaces is not required where the facility is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1.
2. An automatic smoke detection system is not required in buildings that do not have interior corridors serving sleeping units and where each sleeping unit has a means of egress door opening directly to an exit or to an exterior exit access that leads directly to an exit.

Recodify existing xlvii.-lix. as **xli.-liii.** (No change in text.)

[lx.] **liv.** [In] **At** Section 909.19, System acceptance, in the [fourth] **second** and [10th] **fifth** line and in the exception, “fire code official” shall be deleted and “fire protection subcode official” shall be inserted.

[lxi.] **lv.** [In] **At** Section [909.20.7.3] **909.20.6.3**, Acceptance and testing, “building official” shall be deleted and “fire protection subcode official” shall be inserted.

[lxii.] **lvi.** Section 909.21, Elevator hoistway pressurization alternative, **and subsections that follow**, shall be deleted in its entirety.

Recodify existing lxiii.-lxiv. as **lvii.-lviii.** (No change in text.)

[lxv.] **lix.** [In section] **At Section** 911.1.6, **Required features**, in item 18, after the word “switch(es)” insert the phrase “that are provided in accordance with ASME A17.1/CSA B44, and.”

[lxvi.] **lx.** (No change in text.)

[lxvii.] **lxi.** New [section 912.2] **Section 912.1A**, Connections, shall be inserted **between Sections 912.1 and 912.2** as follows:

"[912.2] **912.1A** Connections: Fire department connections shall be arranged in such a manner that the attachment to any one sprinkler connection will serve all sprinklers, and the attachment to any one standpipe connection will serve all standpipes within the building.

Exception: Fire protection systems in high rise buildings designed with a low zone and a high zone may be provided with a connection for each zone.”

[lxviii.] **lxii.** Section 912.2, Location, [shall be renumbered as 912.3 and] “fire protection subcode official in coordination with the **local fire service or their**

designee” shall be inserted, **and** [before] “fire code official” **shall be deleted** in the last sentence.

[lxix.] **lxiii.** Section 912.2.1, Visible location, [shall be renumbered 912.3.1 and] “or as otherwise approved by the fire code official” shall be deleted.

[lxx.] **lxiv.** (No change in text.)

[lxxi.] **lxv.** New Section [912.4] **912.2A**, Height, shall be inserted **between sections 912.2 and 912.3** as follows:

“[912.4] **912.2A**, Height. Fire department connections shall not be less than 18 inches (457 mm) and more than 42 inches (1,067 mm) in elevation, measured from the ground level to the centerline of the inlets.”

[lxxii.] Section 912.3, Fire hose threads, shall be renumbered as 912.5.]

[lxxiii.] **lxvi.** Section 912.4, Access, [shall be renumbered as 912.6. Additionally,] in the last sentence of the section and the last sentence of the exception, “fire code official” shall be deleted and “fire protection subcode official” shall be inserted.

[lxxiv.] **lxvii.** Section 912.4.1, Locking fire department connection caps, [shall be renumbered as 912.6.1 and] “fire code official” shall be deleted and “fire protection subcode official” shall be inserted.

[lxxv.] **lxviii.** Section 912.4.2, Clear space around connections, [shall be renumbered as 912.6.2 and] “except as otherwise required or approved by the fire code official” shall be deleted.

[lxxvi.] Section 912.4.3, Physical protection, shall be renumbered as 912.6.3.

lxxvii. Section 912.5, Signs, shall be renumbered 912.7.]

[lxxviii.] **lix.** Section 912.6, Backflow protection, [shall be renumbered as 912.8. Also,] “International Plumbing Code” shall be deleted and “the plumbing subcode (N.J.A.C. 5:23-3.15)” shall be inserted.

[lxxix.] **lxx.** New Section [912.9] **912.7**, Projection, shall be inserted as follows:
“[912.9] **912.7** Projection. Where the fire department connection will otherwise project beyond the property line or into the public way, a flush-type fire department connection shall be provided.”

Recodify existing lxxx.-lxxxii. as **lxxi.-lxxiii.** (No change in text.)

[lxxxiii. In Section 915.1.1, Where required, “in Group I-1, I-2, I-4 and R occupancies and in classrooms in Group E occupancies” shall be deleted.

lxxxiv. In 915.1.2, Fuel-burning appliances and fuel-burning fireplaces, the word “and” shall be deleted before “classrooms” and the words “or any other occupiable space(s)” shall be added following “classrooms.”

lxxxv. In 915.1.3, Fuel-burning, forced-air furnaces, and in the exception, the word “and” shall be deleted before “classrooms” and the words “or any other occupiable space(s)” shall be added following “classrooms.”

lxxxvi. In 915.1.4, Fuel-burning appliances outside of dwelling units, sleeping units and classrooms, in the title, in the section and in exceptions 1 and 2, the word “and” shall be deleted before “classrooms” and the words “or any other occupiable space(s)” shall be added following “classrooms.” Additionally, in exception 2.1, the word “or” shall be deleted before “classrooms” and the words “or any other occupiable space(s)” shall be added following “classrooms.”

lxxxvii. In 915.1.5, Private garages, and in exceptions 1 and 2, the word “and” shall be deleted before “classrooms” and the words “or any other occupiable space(s)” shall be added following “classrooms.” Additionally, in exception 4, the word “or” shall be deleted before “classrooms” and the words “or any other occupiable space(s)” shall be added following “classrooms.”

lxxxviii. In Section 915.2, Locations, “by Section 915.1.1” shall be deleted. Additionally, in the third line, “915.2.3” shall be deleted and “915.2.4” shall be inserted.

lxxxix. A new subsection 915.2.4, Other occupancies, shall be added as follows:

"915.2.4 Other occupancies. Carbon monoxide detection equipment shall be installed in other occupancies. Systems using detectors shall have a distinct visual and audible notification at an approved location. When alarms are installed in lieu of detectors, they shall be located such that the audible signal is not less than 15 dB above the average ambient sound level.

Exception: Carbon monoxide detection equipment shall not be required in locations, such as repair garages, where the presence of carbon monoxide may be expected as a function of the normal use of the space. Additionally, carbon monoxide detection equipment shall not be required in locations where battery charging for motorized equipment takes place. In such locations, carbon monoxide detection equipment shall be provided just outside such spaces at the points where these spaces connect to other occupiable space(s)."]

[xc.] **lxxiv.** (No change in text.)

9. Chapter 10, Means of Egress, shall be amended as follows:

i.-ii. (No change.)

iii. In Table 1004.5, MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT, in the first column, FUNCTION OF SPACE, [43rd] **44th** row, delete "swimming pools," [44th] **45th** row, delete "pool," and [45th] **46th** row, delete "Decks;" in the second column, OCCUPANT LOAD FACTOR, [45th] **46th** row, delete "15 gross."

iv.-v. (No change.)

vi. In Table 1006.2.1, Spaces with one exit or exit access doorway, in the 5th column of the 10th row (R-3), the reference to footnote a and g shall be deleted; and in footnote g, "R-3 and" shall be deleted. [Additionally, in the heading over the 3rd, 4th, and 5th row, "Common Path of Egress" shall be deleted and "Exit Access" shall be inserted.

vii. In Section 1006.2.1, Egress based on occupancy load and common path of egress travel distance, in the title and the first sentence, "common path of egress" shall be deleted and "exit access" shall be inserted. Additionally, in Table 1006.2.1, Spaces with one exit or exit access doorway, in the heading over the 3rd, 4th, and 5th row, in footnote e and in footnote f, "Common Path of Egress" shall be deleted, and "Exit Access" shall be inserted. Lastly, in the 5th column of the 10th row (R-3), the reference to footnote a and g shall be deleted; and in footnote g, "R-3 and" shall be deleted.]

Recodify existing viii. – xii. as **vii. – xi.** (No change in text.)

[xiii.] **xii.** The term "or Type B unit" shall be deleted and "or" shall be inserted between "Accessible units" and "Type A units" in the following sections **and in**

exceptions, where applicable: Section 1010.1.1[, Exceptions 1, 7, and 8]; Section 1010.1.4[, Exception 3]; Section 1010.1.6[, Exception 1.3]; Section 1012.6.3[, Exception 1]; and Section 1012.6.4[, Exception].

[xiv.] **xiii.** [In] **At** Section 1010.1.1, Size of Doors, Exception [9] **7** shall be deleted.

Recodify existing xv.-xviii. as **xiv.-xvii.** (No change in text.)

[xix.] **xviii.** [In] **At** Section [1010.2.9] **1010.2.8**, Panic and fire exit hardware, in [exception] **Exception 1**, “other than nightclubs” shall be inserted after “Group A occupancies.”

[xx.] **xix.** (No change in text.)

[xxi.] **xx.** [In] **At** Section 1011.5.2, Riser height and tread depth, Exception 3, change the maximum riser height from “7 3/4 inches (197 mm)” to “8 1/4 inches (210 mm),”, change the minimum tread depth from “10 inches (254 mm)” to “9 inches (229 mm),” and change the minimum winder tread depth at the walk line from “10 inches (254 mm)” to “9 inches (229 mm).” **Additionally, at Exception 3, “not required by Chapter 11 to be Accessible or Type A dwelling or sleeping units” shall be deleted.** In the same section, Exception 4 shall be deleted.

[xxii.] **xxi.** (No change in text.)

[xxiii.] **xxii.** [In] **At** Section 1014.2, Height, insert new Exception [1] **4** as follows: “[1.] **4.** For occupancies of Group R-3, and within individual dwelling units in occupancies of Group R-2, handrails shall have a minimum height of 30 inches and a maximum height of 38 inches measured vertically from the nosing of

the treads.” [In the same section, Exceptions 1 through 3 shall be renumbered as 2 through 4.]

[xxiv.] **xxiii.** [In] **At** Section [1014.4] **1014.5**, Continuity, Exception 4 shall be deleted.

[xxv.] **xxiv.** [In] **At** Section 1015.3, Height, in Exception 1 “not more than three stories above grade in height” in the first [and second] line shall be deleted and “not more than three stories above grade in height with separate means of egress” in the [third through fifth] **second** line shall be deleted. Additionally, in Exception [3] **4**, “34 inches (864mm)” shall be deleted and “30 inches (762 mm)” shall be inserted.

[xxvi.] **xxv.** (No change in text.)

[xxvii. Section 1020.2.1, Hoistway opening protection is deleted.]

Recodify existing xxviii.-xxxiii. as **xxvi.-xxxi.** (No change in text.)

10. Chapter 11, Accessibility, shall be amended as follows:

[i. In the user notes, under About this Chapter, “in the International Existing Building Code” shall be deleted, and “within the Rehabilitation Subcode, N.J.A.C. 5:23-6” shall be inserted.]

Recodify existing ii.-iii. as **i.-ii.** (No change in text.)

[iv.] **iii.** [In] **At** Section 1102.1, Design, “amended as follows:” shall be added to the end of the sentence and the following list shall be inserted:

1. [In] **At** [section] **Section** 102.2, entitled “[applicability] **Applicability,**” **“adopted by the administrative authority”** in the first sentence shall be deleted.

2. The text at [section] **Section** 106.2, entitled “Documents,” shall be amended as follows:

2.1 [In section] **At Section** 106.2.4, entitled “National Fire Alarm **and Signaling** Code,” delete “NFPA 72-2016” and insert “the edition of NFPA 72 adopted by reference in this subcode;”

2.2-2.5 (No change.)

3.-31. (No change.)

[v.] **iv.** Section 1103.2.3, Detached dwellings, shall be deleted and the following shall be inserted:

"1103.2.3 Residential buildings or structures. The following residential buildings are not required to comply with this chapter.

1103.2.3.1 Townhouses. Townhouses are not required to comply with this chapter, except townhouses for which credit is sought for [low and moderate income] **low- and moderate-income** housing [through the Council on Affordable Housing (COAH)] **in accordance with N.J.S.A. 52:27D-301 et seq.;**

1103.2.3.1.1 For the purposes of applying this exemption, a townhouse shall be a single dwelling unit with two or more stories of dwelling space, exclusive of basement or attic, where each dwelling unit extends from foundation to roof. The dwelling unit shall have an independent entrance that shall serve one dwelling unit only at or near grade; most or all the sleeping rooms shall be on one story; and most

or all of the remaining habitable space, such as kitchen, living, and dining areas, shall be on another story; or

1103.2.3.2[.] Buildings of Group R-2, R-3, R-4, or R-5 with one, two, or three dwelling units in a single structure;

1103.2.3.2.1 For the purposes of determining the number of dwelling units in a single structure, firewalls or partywalls shall not constitute separate buildings.

1103.2.3.2.2 Exception: Townhouses or multistory dwelling units for which credit is sought for low or moderate income housing [through the Council on Affordable Housing (COAH)] **in accordance with N.J.S.A. 52:27D-301 et seq.**, and that are attached to at least one other dwelling unit shall comply with this chapter.”

Recodify existing vi.-vii. as **v.-vi.** (No change in text.)

[viii.] **vii.** Section 1104.4, Multistory buildings and facilities, shall be deleted and the following shall be inserted:

"1104.4 Multilevel nonresidential buildings and multilevel buildings of Group R-1. An accessible route of travel shall be provided in multilevel nonresidential buildings and multilevel buildings of Group R-1 in accordance with Sections 1104.4.1 - 1104.4.5.

1104.4.1 (No change.)

1104.4.2 Large buildings. Large buildings, defined as those with a total gross enclosed floor area of 10,000 square feet or more, shall provide the accessible building features required of small buildings in Section

1104.4.1. In addition, large buildings shall be required to have an elevator(s) to provide a vertical accessible route between floors, **including occupiable roofs**; however, in such buildings, floors, **and occupiable roofs** that are less than 3,000 square feet or floors with only mechanical equipment shall not be required to be served by an elevator.

1104.4.2.1 (No change.)

1104.4.3 – 1104.4.5 (No change.)

[ix.] **viii.** (No change in text.)

[x.] **ix.** [In] **At** Section 1105.1, Public entrances, [after “... at least sixty percent of all public entrances shall be accessible.”] insert **the following new sentence** “The primary entrance(s) used by the general public shall be accessible.”

[xi.] **x.** (No change in text.)

[xii.] **xi.** [In] **At** Section 1106.3, Groups [I-1, R-1,] R-2, R-3, and R-4, in item 1, "or Type B" shall be deleted and "or" shall be inserted between "Accessible" and "Type A." Additionally, insert the following at the end of item number 1: "Where additional parking spaces or parking lots are provided for visitors, the number of required accessible parking spaces shall comply with the Table 1106.2." Lastly, item [number 3] **2** shall be deleted.

[xiii.] In Section 1106.7, Location, insert the following at the end of the section:

“Where parking is provided within or beneath a building, accessible parking spaces shall also be provided within or beneath the building.”

xiv. In Section 1107.2, Electrical vehicle charging stations, "N.J.A.C. 5:23-2.36 and" shall be inserted before "Sections." In addition, the exception shall be deleted.]

xii. At Section 1106.7.1, Parking located beneath a building, insert “within or” between the words “located” and “beneath” in the title and in both places within the section.

[xv.] **xiii.** (No change in text.)

xiv. At Section 1107.2, Electrical vehicle charging stations, “N.J.A.C. 5:23-2.36 and” shall be inserted before “Sections.” In addition, Exception 1 shall be deleted.

Recodify existing xvi.-xvii. as **xv.-xvi.** (No change in text.)

[xviii.] **xvii.** [In] **At** Section 1108.4, Accessible route, “and Type B units” shall be deleted from the first sentence and “and” shall be inserted between “Accessible units” and “Type A units.” Exception 6 is amended to delete “or Type B units” from the [third and fourth] **second** line, to delete the words “and Type B units” on the [fifth] **second** line, and to delete the words “and Type B units” on the [sixth] **third** line. Exception 7 is deleted.

Recodify existing xix.-xxv. as **xviii.-xxiv.** (No change in text.)

[xxvi.] **xxv.** [Section 1108.5.5, Group I-3, shall be renumbered as Section 1108.5.6 and] **New Section 1108.5.4A shall be inserted between Sections 1108.5.4 and 1108.5.5 and shall contain** the following [shall be inserted]:

[1108.5.5] **1108.5.4A** Assisted living facilities. Assisted living facilities that are licensed by the Department of Health are Group I-2 for compliance with

the building subcode, fire protection subcode, and the other subcodes of the Uniform Construction Code and shall be Group R-2 for the purposes of accessibility.

[1108.5.5.1] **1108.5.4A.1** Dwelling units that are available for occupancy only for 30 or more consecutive days shall be required to comply with Section 1103 of ICC A117.1.

[1108.5.5.2] **1108.5.4A.2** Where an assisted living facility includes dwelling units or rooms that are available for occupancy for fewer than 30 consecutive days, 50 percent of those dwelling units or rooms shall be accessible in compliance with Section 1102 of ICC A117.1 and shall include one full bathroom that complies with Section 1102 of ICC A117.1 and, where a kitchen is provided, it shall comply with Section 1102 of ICC A117.1.

[1108.5.5.3] **1108.5.4A.3** In dwelling units in an assisted living facility that are designated Group R-2 for the purposes of accessibility, the following may be adaptable:

[1108.5.5.3.1] **1108.5.4A.3.1** The threshold for an accessible transfer shower may be adaptable as long as the shower threshold can be adapted with minimal expense and effort to be accessible; and

[1108.5.5.3.2] **1108.5.4A.3.2** A transfer-type shower of 36 inches by 48 inches that includes an accessible seat may be provided in individual dwelling units. The threshold of this shower shall not exceed four inches.

Recodify existing xxvii.-xxxi. as **xxvi.-xxx.** (No change in text.)

[xxxii.] **xxxi.** [In] **At** Section 1108.6.2.2, Apartment houses, monasteries and convents, “Live/Work Units” shall be added before “Apartment” in the title, “and Type B units” and “and 1108.6.2.2.2” shall be deleted, and “Live/Work Units” shall be added before “Apartment” in the [third] **first** line.

Recodify existing xxxiii.-xxxvi. as **xxxii.-xxxv.** (No change in text.)

[xxxvii.] **xxxvi.** [In] **At** Section 1108.6.3, Group R-3, “Type B units” shall be deleted in the [section and the exception] **first line** and “Type A units” inserted in its place [in both locations].

xxxvii. Section 1108.6.3.2, Type B units, shall be retitled “Type A units”.

Additionally, “Type B units” shall be deleted in the section and the exception and “Type A units” inserted in its place in both locations.

xxxviii.-xxxix. (No change.)

xl. Insert new [section] **Section 1108.6.5** as follows:

“1108.6.5 [COAH Units.] **Affordable housing units receiving credits pursuant to N.J.S.A. 52:27D-301 et seq.** The exemption for townhouses and multistory units notwithstanding, multistory or multifloor townhouses for which credit is sought for [low or moderate income] **low- or moderate-income** housing [through the Council on Affordable Housing (COAH)] **in accordance with N.J.S.A. 52:27D-301 et seq.,** shall have the following features, which shall comply with the standards for Type A dwelling units per ICC A117.1:

(1)-(5) (No change.)

[xli. In Section 1108.7, General exceptions, “and Type B units” shall be deleted. Additionally, in the last line “1108.7.5” shall be deleted and “1108.7.3” inserted in its place.]

[xlii.] **xli.** (No change in text.)

[xliii.] **xlii.** Section 1108.7.2, Multistory units, [shall be renumbered as Section 1108.7.1. The] **the** first sentence of this section shall be deleted and replaced with the following: A multistory dwelling unit or sleeping unit that is not provided with elevator service is required to be accessible as follows: The primary entrance to the unit shall comply with the requirements for a Type A unit and, where provided within the unit, a living area, kitchen, and toilet and bathing facility that comply with Type A dwelling unit shall be provided on that floor. In the [seventh] **third** line, “Type B dwelling unit” shall be deleted and “Type A unit” inserted in its place. Additionally, in the [eighth] **fourth** line, following the word “toilet,” “and bathing” shall be inserted.

[xliv.] **xliii.** (No change in text.)

[xlv.] **xliv.** Section 1108.7.4, Site impracticality, [shall be renumbered as Section 1108.7.2 and] “Type B units” in the [third] **second** line of the section and in Items 1, 2, 3, and 4 shall be deleted and “Type A units” inserted in its place.

[xlvi.] **xliv.** Section 1108.7.5, Flood hazard areas, [shall be renumbered as Section 1108.7.3 and] in the first line “and Type B units” shall be deleted. Additionally, the following exception shall be added: “Exception: When an accessible route is provided, all dwelling units served by the accessible route shall be Type A units.”

Recodify existing xlvii.-xlviii. as **xlvi.-xlvii.** (No change in text.)

[xlix.] **xlvi.** [In] **At** Section [1110.8] **1110.10**, Elevators, insert the following exceptions:

“Exceptions:

1. An elevator that provides an accessible route within an individual dwelling unit shall not be required to comply with the dimensional requirements of an accessible elevator.
2. A limited use/limited application elevator that complies with ANSI/ASME A17.1 adopted by reference in the building subcode shall be allowed to provide a vertical accessible route in the following buildings or tenancies, provided that the travel distance of the device does not exceed 25 feet:

2.1 In small buildings as defined in Section 1104.4.1;

2.2 In individual tenancies of less than 10,000 square feet in buildings of 10,000 square feet or more;

2.3 To serve floors or mezzanines of less than 3,000 square feet; or

2.4 In Group A-3, places of religious worship, or Group E occupancies of any size.”

[l.] **xlix.** [In] **At** Section [1110.9] **1110.11**, Lifts, [Items #4, #6, and #10] **items 4, 6, and 10** shall be deleted.

[li.] **l.** [In] **At** Section [1110.13.2] **1110.16.2**, Sales and service counters and windows, insert the following exceptions:

"Exceptions:

1. An auxiliary service counter with a maximum height of 36 inches in close proximity to the main service counter
2. Equivalent facilitation, such as a folding shelf attached to the main service counter or space at the side of the service counter.”

Recodify existing lii.-lix. as **li.-lviii.** (No change in text.)

11. Chapter 12, Interior Environment, shall be amended as follows:

- i.-iii. (No change.)
- iv. [In] **At** Section [1208.4] **1208.5**, Efficiency dwelling units, in [exception] **item** 3, “and Type B” shall be deleted **and “and” shall be inserted between “Accessible unit” and “Type A unit”.**
- v. (No change.)

12. (No change.)

13. Chapter 14, Exterior Walls, shall be amended as follows:

- i. [In] **At** Section [1404.11.4] **1404.12.4**, Grounding, “Chapter 27 of this code” shall be deleted and “the electrical subcode, N.J.A.C. 5:23-3.16” shall be inserted.

14. Chapter 15, Roof Assemblies and Rooftop Structures, shall be amended as follows:

- i.-ii. (No change.)
- iii. [In] **At** Table 1505.1, Minimum Roof [Covering] **Assembly** Classification for Types of Construction, Notes **a** **and b** shall be deleted in [its] **their** entirety. [In addition, at Note b, “and Group U” shall be deleted from the first sentence.]
- iv. [In] **At** Section 1507.1.2, Ice barriers, “In areas where there has been a history of ice forming along the eaves causing a backup of water,” shall be deleted and

“In areas where the average daily temperature in January is 25 degrees F (-4 degrees C) or less,” shall be inserted.

v. [In] **At** Table 1507.4.3[(1)], METAL ROOF COVERINGS, the reference to note a in the [fifth] **seventh** line of the second column and note a at the end of the table shall be deleted.

vi. [In] **At** Section 1507.5.7, Flashing, “or where there [has] is a possibility of ice forming along the eaves causing a backup of water,” **in the fourth line** shall be deleted.

vii. [In] **At** Section 1507.8.8, Flashing, “or where there is a possibility of ice forming along the eaves causing a backup of water,” **in the fifth line** shall be deleted.

viii. [In] **At** Section 1507.9.9, Flashing, “or where there is a possibility of ice forming along the eaves causing a backup of water,” **in the fifth line** shall be deleted.

ix. (No change.)

15. Chapter 16, Structural Design, shall be amended as follows:

i. (No change.)

[ii. In Section 1607.8.5, Posting, “Section 106.1” shall be deleted and “the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)” shall be inserted.]

[iii.] **ii.** Section [1607.12] **1607.13**, Reduction in uniform live loads, shall be amended as follows: In the first sentence, “and applied” shall be inserted after

“reduced.” After the first sentence, “The method chosen shall be applied throughout the building.” shall be inserted.

[iv. In Section 1611.1, Design rain load, the second and third sentences shall be deleted and “The design rainfall rates shall be based on the plumbing subcode, N.J.A.C. 5:23-3.15.” shall be inserted.

v. In Section 1611, Rain loads, Figures 1611.1(1) through 1611.1(5), “100-year, 1-hour rainfall (inches)” shall be deleted.]

[vi.] **iii.** (No change in text.)

[vii. In Section 1612.4, Flood hazard documentation, items 1.1 and 2.1, “Section 110.3.3” and “Section 110.3.12.1” shall be deleted and “the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)” shall be inserted in all instances.]

16. Chapter 17, [Structural Tests and] Special Inspections **and Tests**, shall be amended as follows:

[i. In the User notes, under About this Chapter, "or construction official, as indicated in Chapter 17" shall be inserted after "building official." Additionally, "chapter 1" shall be deleted, and "the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)" shall be inserted in its place.]

Recodify existing ii.-v. as **i.-iv.** (No change in text).

[vi.] **v.** [In] **At** Section 1703.3, Record of approval, in the first sentence, “building [official] **official’s**” shall be deleted and “construction official” shall be inserted.

Recodify existing vii.-viii. as **vi.-vii.** (No change in text.)

[ix.] **viii.** [In] **At** Section 1703.6, Evaluation and follow-up inspection services, “in accordance with N.J.A.C. 5:23-4.26” shall be inserted [after the second “assembly.”] **at the end of the first sentence.** Additionally, in the second and last sentence, “building official” shall be deleted and “construction official” shall be inserted.

Recodify existing x.-xi. as **ix.-x.** (No change in text.)

[xii.] **xi.** [In] **At** Section 1704.2, Special inspections and tests, in the first sentence, "of Class 1 buildings, mass timber elements in Type IV-A, IV-B, and IV-C construction, or any building containing a smoke control system" shall be inserted after "construction." Additionally, in two places in the first sentence and in [exceptions #1] **Exception 1** and [#2] **2**, "building official" shall be deleted and "construction official" shall be inserted. [Lastly, "Section 105" and "Section 110" shall be deleted and "the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)" shall be inserted in both locations.]

[xiii.] **xii.** [In] **At** Section 1704.2.1, Special inspector qualifications, in the first sentence, "building official" shall be deleted and "construction official" shall be inserted. Additionally, **at the beginning of the second paragraph**, "registered design professional" shall be deleted and "person" shall be inserted.

[xiv.] **xiii.** (No change in text.)

[xv.] **xiv.** [In] **At** Section 1704.2.4, Report requirement[s], in the second, [and] **fifth, and** last sentences, "building official" shall be deleted and "construction official" shall be inserted. Additionally, in the second and the fifth sentences, "registered design professional" shall be deleted and "person" shall be inserted.

[xvi.] **xv.** [In] **At** Section 1704.2.5.1, Fabricator approval, in the **second and** third sentence, "building official" shall be deleted and "construction official" shall be inserted.

[xvii.] **xvi.** (No change in text.)

[xviii.] **xvii.** [In] **At** Section 1704.4, [Contractor] **Contractors'** responsibility, in the first sentence, "main [-] wind- or" shall be deleted. In addition, in the same sentence, "or a wind-" shall be deleted. Additionally, in the first sentence, "building official" shall be deleted and "construction official" shall be inserted.

[xix.] **xviii.** [In] **At** Section 1704.5, Submittals to the building official, in the title and in the first sentence, "building official" shall be deleted and "construction official" shall be inserted. In addition, in item [#] 7, "B [and], C," shall be deleted in reference to seismic design categories.

[xx.] **xix.** (No change in text.)

xx. Section 1704.6.1 Structural observations for structures, shall be deleted in its entirety.

xxi.-xxii. (No change.)

xxiii. [In] **At** Section 1705.4, Masonry construction, "in Seismic Design Category D, E of F" shall be inserted after the word "construction." [Additionally, in Exception 2, the reference to Table 1807.1.6.3(1) shall be deleted.]

xxiv. **At** Section 1705.5, Wood construction, Section 1705.5.1, High-load diaphragms, and Section 1705.5.2, Metal-plate-connected wood trusses spanning 60 feet or greater, shall be deleted. Additionally, Section 1705.5.3, Mass timber construction shall [be renumbered 1705.5] **remain.**

xxv.-xxvi. (No change.)

xxvii. Section 1705.12, Special inspection for wind resistance, **Section 1705.12.1, Structural wood, Section 1705.12.2, Cold-formed steel light frame construction, and Section 1705.12.3, Wind-resisting components** shall be deleted **in their entirety**.

xxviii. [In] **At** Section 1705.13.1.1, Seismic force-resisting systems, “B [and], C,” shall be deleted in reference to seismic design categories. Additionally, Exception 1 shall be deleted.

xxix. [In] **At** Section 1705.13.1.2, Structural steel elements, “B [and], C,” shall be deleted in reference to seismic design categories. In addition, [exception] **Exception 1** shall be deleted.

xxx. (No change.)

xxxi. [In] **At** Section 1705.13.3, Cold-formed **steel** light-frame construction, in the first sentence, “C,” shall be deleted in reference to seismic design categories.

xxxii.-xxxiii. (No change.)

xxxiv. [In] **At** Section 1705.13.8, Seismic isolation systems, in the first sentence of the first paragraph, [“B” and “C,”] **“B, C”** shall be deleted in reference to seismic design categories.

xxxv. Section 1705.14.1, Structural steel, **Section 1705.14.1.1, Seismic force-resisting systems, and Section 1705.14.1.2, Structural steel elements** shall be deleted **in their entirety**.

xxxvi. [In] **At** Section 1705.14.2, Nonstructural components, in the first sentence, “[B and] **B, C,**” shall be deleted in reference to seismic design categories.

Additionally, in the second sentence, "building official" shall be deleted and "construction official" shall be inserted.

xxxvii. (No change.)

xxxviii. [In] **At** Section 1705.14.4, Seismic isolation systems, in the first sentence, "[B and] **B, C,**" shall be deleted in reference to seismic design categories.

xxxix. [In] **At** Section 1707.1, General, in two places in the first sentence, "building official" shall be deleted and "construction official" shall be inserted.

[Additionally, "as provided for in Section 104.11" shall be deleted and "in accordance with N.J.A.C. 5:23-3.7" shall be inserted in its place.]

xl. (No change.)

17. Chapter 18, Soils and Foundations, shall be amended as follows:

i.-ii. (No change.)

iii. In the title of Section 1803.5.11, "C" shall be deleted and "D" shall be inserted. In the first sentence, [the reference to] "C," shall be deleted.

iv.-v. (No change.)

vi. Sections 1807.2.5, Guards, 1807.2.5.1, Where required, 1807.2.5.2, Height, and 1807.5.2.3, Opening limitations, shall be deleted in their entirety.

Recodify existing vi.-ix. as **vii.-x.** (No change in text.)

[x. In Section 1810.3.10.4, Seismic reinforcement, "Section 104.11" shall be deleted and "the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)" shall be inserted.]

xi. (No change.)

18. Chapter 23, Wood, shall be amended as follows:

i.-ii. (No change.)

[iii. In Section 2303.4.6, TPI 1 specifications, “Section 110.4” shall be deleted and “the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)” shall be inserted.]

[iv.] **iii.** (No change in text.)

[v. In Table 2304.10.2, Fastening Schedule, in footnote g, “under Section 104.11” shall be deleted, and “pursuant to N.J.A.C. 5:23-3.7” shall be inserted in its place.]

Recodify existing vi.-vii. as **iv.-v.** (No change in text.)

[19. Chapter 25, Gypsum Board, Gypsum Panel Products and Plaster, shall be amended as follows:

i. In Section 2503.1, Inspection, “Section 110.3.6” shall be deleted and “the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)” shall be inserted.]

[20.] **19.** Chapter 27, Electrical, [shall be deleted except Section 2702, Emergency and standby power systems, which] shall be amended as follows:

i. Section 2701.1, Scope, shall be deleted in its entirety.

[i.] **ii.** (No change in text.)

[21.] **20.** Chapters 28, Mechanical Systems, and 29, Plumbing **Systems**, shall be deleted in their entirety.

[22.] **21.** Chapter 30, Elevators and Conveyor Systems, shall be amended as follows:

i. (No change.)

[ii. Section 3001.2, Emergency elevator communication systems for the deaf, hard of hearing, and speech impaired, shall be deleted.]

Recodify existing iii.-x. as **ii.-ix.** (No change in text.)

[xi.] **x.** [In] **At** Section 3006.2, [Hoistway opening] **Elevator hoistway door** protection required, Condition [#1] **1** shall be deleted and Conditions 2 through [5] **6** shall be renumbered 1 through [4] **5** with no change in text.

[xii. Section 3006.2.1, Rated corridors, is deleted.]

[xiii.] **xi.** [In] **At** Section 3006.3, [Hoistway opening] **Elevator hoistway door** protection, item 4 shall be deleted in its entirety.

[xiv.] **xii.** (No change in text.)

[xv.] **xiii.** [In] **At** Section 3008.7, Elevator system monitoring, in the first sentence, “or a central control point approved by the fire department [and]” shall be deleted.

[xvi.] **xiv.** [In] **At** Section 3008.7.1, Elevator recall, in the first sentence, “or an alternate location approved by the fire department [and]” shall be deleted.

xv. Section 3009, Private residence elevators, is deleted in its entirety.

[23.] **22.** Chapter 31, Special Construction, shall be amended as follows:

i. (No change.)

ii. Section [3103.1.2] **3103.1.3**, Permit required, shall be deleted in its entirety and the following shall be inserted:

“Temporary structures, tents, tensioned membrane structures, and canopies meeting the criteria in N.J.A.C. 5:23-2.14 shall not require a permit.

Greenhouses meeting the criteria in N.J.A.C. 5:23-3.2(d) shall not require a permit.”

iii. (No change.)

iv. New Section 3109.2, Amendments to the International Swimming Pool and Spa Code, shall be inserted as follows:

3109.2 Amendments to the International Swimming Pool and Spa Code. The following amendments shall be made to the International Swimming Pool and Spa Code:

1. (No change)

2. Chapter 2, Definitions, shall be amended as follows:

2.1 (No change.)

2.2 [In] **At** Section 202, Definitions:

2.2.1 – 2.2.4 (No change.)

2.2.5 The definitions of “**peer review**,” “permit,” and “repair” shall be deleted.

3. Chapter 3, General Compliance, shall be amended as follows:

3.1 – 3.3 (No change.)

3.4 At Section 303.1.3, Covers, “in accordance with Section 104.9.1” shall be deleted.

[3.4] **3.5** Section 305, Barrier requirements, shall be amended as follows:

[3.4.1] **3.5.1** [In] **At** Section 305.1, General, in the second sentence, “and swimming pools are equipped with a powered safety cover that complies

with ASTM F1346” shall be deleted. Also in the second sentence, “, hot tubs or pools” shall be replaced with “or hot tubs”.

[3.4.2] **3.5.2** Section 305.1.1, Construction fencing required, shall be deleted.

[3.4.3] **3.5.3** Section 305.4, Structure wall as a barrier, shall be deleted.

[3.4.4] **3.5.4** [In] **At** Section 305.5, Onground residential pool structure as a barrier, in item 3, “capable of being secured, locked or removed to prevent access except where the ladder or steps are” shall be deleted.

[3.5] **3.6** [In] **At** Section 306.1, General, “in accordance with Section [102.7.1] **102.7**” shall be deleted.

[3.6] **3.7** Sections 306.3, Step risers and treads, and 306.4, Deck steps handrail required, shall be deleted.

[3.7] **3.8** [In] **At** Section 306.9.1, Hose bibbs, “International Plumbing Code or the International Residential Code, as applicable in accordance with Section 102.7.1” shall be deleted and “plumbing subcode (N.J.A.C. 5:23- 3.15)” shall be inserted.

[3.8] **3.9** [In] **At** Sections 307.1.1, Glazing in hazardous locations, [307.1.3] **307.1.4**, Roofs or canopies, 307.2.2, Materials and structural design, and [316.6.1] **317.6.1**, Installation, “in accordance with Section 102.7.1” shall be deleted.

[3.9] **3.10** [In] **At** Section [316.4] **317.4**, Installation, “in accordance with Section 102.7.1” shall be deleted. Additionally, “NFPA 70” shall be deleted and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted.

[3.10] **3.11** [In] **At** Section [318.2] **319.2**, Protection of potable water supply, “International Residential Code or the International Plumbing Code or, as applicable in accordance with Section 102.7.1” shall be deleted and “plumbing subcode (N.J.A.C. 5:23-3.15)” shall be inserted.

[3.11] **3.12** [In] **At** Section [321.2.1] **322.2.1**, Pool and deck illumination, in the second sentence, “NFPA 70” shall be deleted and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted.

[3.12] **3.13** [In] **At** Section [321.4] **322.4**, Residential pool and deck illumination, “NFPA 70” shall be deleted and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted. Additionally, “or the International Residential Code, as applicable in accordance with Section 102.7.1” shall be deleted.

3.14 At Section 325.4, Electrical, “NFPA 70” shall be deleted, and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted.

4.-6. (No change.)

v.-vi. (No change.)

[vii. Section 3114, Public use restroom buildings in flood hazard areas, shall be deleted in its entirety.

viii. In Section 3115.8.4.2, Seismic design parameters in item 3, “Section 104.11” shall be deleted, and “the administrative provisions of the Uniform Construction Code” shall be inserted in its place.

ix. In Section 3115.8.3, Allowable sheer value, in the fifth line, “Section 104.11” shall be deleted, and “the administrative provisions of the Uniform Construction Code” shall be inserted in its place.]

[24.] **23.** (No change in text.)

[25.] **24.** Chapter 33, Safeguards During Construction, shall be amended as follows:

i.-iii. (No change.)

[iv. In the exception of Section 3313, Water supply for fire protection, the term “fire code official” shall be replaced with the term “fire official.”

v. In Section 3314, Fire watch during construction, the term “fire code official” shall be replaced with the term “fire official”.]

[26.] **25.** Chapter 35, Referenced Standards, shall be amended as follows:

[i. In the User notes, under About This Chapter, “Section 102.4” shall be deleted and “the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)” shall be inserted in its place.]

i. At the heading “ASHRAE,” amend the following title:

(1) At “90.1-2022”, insert “, as adopted at N.J.A.C. 5:23-3.18, energy subcode” after “Buildings”.

ii. (No change.)

iii. Under the heading "ICC," amend the following titles:

(1) At “IECC-24”, insert “, as adopted at N.J.A.C. 5:23-3.18, energy subcode” after “Code”.

(2) At “IFGC-24”, insert “, as adopted at N.J.A.C. 5:23-3.22, fuel gas subcode” after “Code”.

(3) At “IMC-24”, insert “, as adopted at N.J.A.C. 5:23-3.20, mechanical subcode” after “Code”.

(4) Delete “IPC-24, International Plumbing Code” and insert “NSPC-24, National Standard Plumbing Code, as adopted at N.J.A.C. 5:23-3.15, plumbing subcode”. In addition, at the bottom of the ICC references, insert “NSPC-24 is non-ICC and is published by the International Association of Plumbing and Mechanical Officials”.**

(5) At “IRC-24”, insert “, as adopted at N.J.A.C. 5:23-3.21, one- and two-family dwelling subcode” after “Code”.

iv. At the heading “NFPA,” amend the following title:

(1) At “70-23”, insert “, as adopted at N.J.A.C. 5:23-3.16, electrical subcode” after “Code”.

[27.] 26. The Appendices shall be amended as follows:

i. (No change.)

ii. [In] At Appendix H, Signs, at the beginning of the Appendix, the sentence, “The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance,” shall be deleted in its entirety.

(1)-(2) (No change.)

iii. (No change.)

iv. At Appendix P, Sleeping Lofts, at the beginning of the Appendix, the sentence, “The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance,” shall be deleted in its entirety.

5:23-3.15 Plumbing subcode

(a) Rules concerning the plumbing subcode adopted are as follows:

1. Pursuant to the authority [of] **at** P.L. 1975, c. 217, as modified [by] **at** P.L. 1996, c. 53, the Commissioner hereby adopts the Model Code of the International Association of Plumbing and Mechanical Officials, known as "The National Standard Plumbing [Code Illustrated/2021,"] **Code/2024,**" as the plumbing subcode for New Jersey.

i. (No change.)

2. "The National Standard Plumbing [Code Illustrated/2021,"] **Code/2024,**" including appendices, may be known, and cited as "the plumbing subcode."

(b) The following pages, chapters, sections, or appendices of the plumbing subcode shall be amended as follows:

1.-2. (No change.)

3. Chapter 2 of the plumbing subcode, entitled "General Regulations," shall be amended as follows:

i. (No change.)

ii. [In] **At** Section 2.9.3, From Weakened Structure, delete "[building] code" and insert "[building] subcode."

iii.-x. (No change.)

xi. Section 2.26.2, Where Elevator Pit Drainage is Provided, shall be amended as follows:

(1)-(2) (No change.)

(3) [In] **At** subsection d, ["hydraulic" shall be deleted. Additionally,] "or there shall be oil separation for pump operation" shall be deleted.

(4) (No change.)

4. Chapter 3 of the plumbing subcode, entitled "Materials," shall be amended as follows:

i.- iii. (No change.)

iv. Section 3.3.11 entitled "Septic Tanks" is deleted in its entirety.

v. Add new Section 3.4.2.1 as follows: 3.4.2.1 Combination Domestic/Fire Water Service: Water service piping for combination domestic/fire water services shall be of materials listed in Table 3.4 and shall be water pressure rated not less than 200 psig at 73° F. Joint restraints shall comply with Section 6.3, entitled "Joint Restraint for Fire Mains" per NFPA 13.

Exception: Limited area sprinkler systems installed in accordance with Section 903.3.8 of the building subcode, shall be water pressure rated not less than 160 psig at 73° F.

vi. Section 3.12, Alternate Materials and Methods, shall be deleted in its entirety.

[iv.] **vii.** (No change in text.)

[v. Section 3.3.11 entitled "Septic Tanks" is deleted in its entirety.

vi. Add new section 3.4.2.1 as follows: 3.4.2.1 Combination Domestic/Fire Water Service: Water service piping for combination domestic/fire water services shall be of materials listed in Table 3.4 and shall be water pressure rated not less than 200 psig at 73°F. Joint restraints shall comply with Section 6.3, entitled "Joint Restraint for Fire Mains" per NFPA 13.

Exception: Limited area sprinkler systems installed in accordance with Section 903.3.8 of the building subcode, shall be water pressure rated not less than 160 psig at 73°F.

vii. Section 3.12, Alternate Materials and Methods, shall be deleted in its entirety.]

5.-6. (No change.)

7. Chapter 7 of the plumbing subcode, entitled "Plumbing Fixtures, Fixture Fittings and Plumbing Appliances," shall be amended as follows:

i. (No change.)

ii. Section 7.4.2, Water conservation, shall be amended to add “or as required by P.L. 2021, c. 464 (N.J.S.A. 52:27D-141.18, et seq.), whichever is more restrictive” at the end of the sentence.

iii. Section 7.5.2, Water conservation, shall be amended to add “or as required by P.L. 2021, c. 464 (N.J.S.A. 52:27D-141.18, et seq.), whichever is more restrictive” at the end of the sentence.

iv. Section 7.5.3, Surrounding Surfaces, is amended to delete the following after "surface," "extending not less than four feet above the floor. One foot to each side of the urinal, and one foot in front of the lip of the urinal. See Figure 7.5.3.," and insert, "Refer to the International Building Code, Sections 1210.2.1 and 1210.2.2." This section is amended to delete Figure 7.5.3, "Protecting Surrounding Surfaces of Urinals."

v. Section 7.6.2, Water conservation, shall be amended to add “or as required by P.L. 2021, c. 464 (N.J.S.A. 52:27D-141.18, et seq.), whichever is more restrictive” at the end of the sentence.

vi. Section 7.10.2, Water conservation, shall be amended to add “or as required by P.L. 2021, c. 464 (N.J.S.A. 52:27D-141.18, et seq.), whichever is more restrictive” at the end of the sentence.

vii. At Section 7.11.4, Service Sinks and Mop Receptors, b. is amended to delete the following after "surface," "at least one foot in front of the sink or receptor, at least one foot on each side, and up to a point one foot above the faucet height," and insert, "refer to the International Building Code, Section 1210.2.2."

[ii.] viii. (No change in text.)

ix. At Section 7.21.2, Occupant Load, b. "building code" shall be deleted and "building subcode" shall be inserted.

x. At Section 7.21.9, Family and Assisted-Use Toilet Rooms, "applicable building code" shall be deleted and "building subcode" shall inserted.

xi. Delete Section 7.21.10, Adult Changing Station, in its entirety.

xii. Section 7.23, Safety Features for Spas and Hot Tubs, shall be deleted and Section 7.23, Safety Features for Spas and Hot Tubs, shall be inserted as follows:

"7.23 Safety Features for Swimming Pools, Spas, and Hot Tubs.

7.23.1, Suction Entrapment Avoidance. Suction outlets shall be designed and installed in accordance with ANSI/PHTA/ICC-7."

Recodify existing iii.-iv. as **xiii.-xiv.** (No change in text.)

[v. Section 7.5.3, Surrounding Surfaces, is amended to delete the following after "surface," "extending not less than four feet above the floor. One foot to each side of the urinal, and one foot in front of the lip of the urinal. See Figure 7.5.3.," and insert, "Refer to the International Building Code, Section 1209.2.2." This section is amended to delete Figure 7.5.3, "Protecting Surrounding Surfaces of Urinals."

vi. In Section 7.11.4, Service Sinks and Mop Receptors, b. is amended to delete the following after "surface," "at least one foot in front of the sink or receptor, at least one foot on each side, and up to a point one foot above the faucet height," and insert, "refer to the International Building Code, Section 1210.2.2."

vii. In Section 7.21.2, Occupant Load, b. "building code" shall be deleted and "building subcode" shall be inserted.

viii. In Section 7.21.9, Family and Assisted-Use Toilet Rooms, "applicable building code" shall be deleted and "building subcode" shall be inserted.

ix. Section 7.23, Safety Features for Spas and Hot Tubs, shall be deleted and Section 7.23, Safety Features for Spas and Hot Tubs, shall be inserted as follows:
"7.23 Safety Features for Swimming Pools, Spas, and Hot Tubs.

7.23.1, Suction Entrapment Avoidance. Suction outlets shall be designed and installed in accordance with ANSI/PHTA/ICC-7."]

8.-9. (No change.)

10. Chapter 12 of the plumbing subcode, entitled "Vents and Venting," shall be amended as follows:

i.-ii. (No change.)

[iii. Section 12.10, Wet Venting, shall be deleted and the text of the 2015 National Plumbing Code shall be inserted:

12.10 WET VENTING

12.10.1 Single Bathroom Groups

a. An individually vented lavatory in a single bathroom group shall be permitted to serve as a wet vent for the water closet, the bathtub, or shower stall, the water closet and bathtub/shower if all of the following conditions are met.

1. The wet vent is 1-1/2" minimum pipe size if the water closet bend is 3" size, or it shall be 2" minimum pipe size if the water closet bend is 4" pipe size.
2. A horizontal branch drain serving both the lavatory and the bathtub or shower stall is 2" minimum pipe size.
3. The length of the trap arm for the bathtub or shower stall is within the limits of Table 12.8.1. If not, the bathtub or shower stall shall be individually vented.
4. The distance from the outlet of the water closet to the connection of the wet vent is within the limits established by Section 12.8.4. Otherwise, the water closet shall be individually vented.
5. A horizontal branch serving the lavatory and the bathtub or shower stall shall connect to the stack at the same level as the water closet, or it may connect to the water closet bend, or the lavatory and bathtub or shower stall may individually connect to the water closet bend.
6. When the bathroom group is the topmost load on a stack, a horizontal branch serving the lavatory and the bathtub or shower stall may connect to the stack

below the water closet bend, or the lavatory and the bathtub, or shower stall may individually connect to the stack below the water closet bend.

12.10.2 Double Bathtubs and Lavatories

Two lavatories and two bathtubs or showers back-to-back may be installed on the same horizontal branch with a common vent for the lavatories and with no back vent for the bathtubs or shower stalls provided the wet vent is 2" in size and the lengths of the tub/shower drains conform to Table 12.8.1.

12.10.3 Multi-Story Bathroom Groups

a. On the lower floors of a stack, the waste pipe from one or two lavatories may be used as a wet vent for one or two bathtubs or showers as provided in Section 12.10.2.

b. Each water closet below the top floor shall be individually back vented.

EXCEPTION: The water closets in bathroom groups shall not be required to be back vented if the following conditions are met:

- (1) The 2" waste serving the tubs/showers and lavatories connect directly into the water closet bend with a 45° wye tap in the direction of flow; or
- (2) A special stack fitting is used that consists of a 3" or 4" closet opening and two side inlets each 2" in size and the inverts of which are above the center, and below the top of the water closet opening; and one of the 2" inlets is connected to the tub/shower drains, and the other is connected to the waste pipe from a maximum of two lavatories that are vented to a vent stack or stack vent; or
- (3) In lieu of the special stack fitting of Section 12.10.3b(2) above, 4" closet bends with two 2" wye taps may be used.

12.10.4 Bathtubs and Water Closets

a. An individually vented bathtub in a single bathroom group shall be permitted to serve as a wet vent for the water closet if all of the following conditions are met:

1. The wet vent is 2" minimum size.
2. The distance from the outlet of the water closet to the connection of the wet vent is within the limits established by Section 12.8.4. Otherwise, the water closet shall be individually vented.

12.10.5 Reserved

12.10.6 Floor Drains and Floor Sinks

a. A lavatory or sink shall be permitted to serve as a wet vent for a floor drain or floor sink if all of the following conditions are met:

1. The wet vent shall be not less than 1-1/2" size for a 1 DFU lavatory or 2" for 2 DFU sink.
2. The wet vent shall be larger than 1/2 the size of the drain for the floor drain or floor sink.
3. The distance from the outlet of the floor drain or floor sink to the connection of the wet vent shall be within the limits established by Table 12.8.1.]

11. Chapter 13 of the plumbing subcode, entitled "Storm Water Drainage," shall be amended, as follows:

i.-ii. (No change.)

iii. Section 13.1.10.2, "Secondary Roof Drainage," shall be amended as follows:

(1)-(3) (No change.)

(4) Subsection c. "secondary" shall be deleted and "overflow" shall be inserted in the first and sixth sentences.

[(4)] **(5)** (No change in text.)

iv. (No change.)

12.-14. (No change.)

15. Chapter 18 of the plumbing subcode, entitled Referenced Standards, shall be amended as follows:

i. [In] At Section 18.2, Standards Organizations, [insert the following:] **shall be amended as follows:**

(1) At "ICC," insert "As applicably adopted at N.J.A.C. 5:23-3, Subcodes." after the contact information.

(2) Insert "Pool & Hot Tub Alliance (Formally APSP--The Association of Pool and Spa Professionals), 2111 Eisenhower Avenue, Ste. 500, Alexandria, VA 22314, tel: 703-838-0083, fax: 703-549-0493[," and "International Code Council, Inc., 500 New Jersey Avenue, NW, 6th Floor, Washington D.C. 20001, tel: 888-422-7233]."

16. (No change.)

17. Appendix E of the plumbing subcode, entitled "Special Design Plumbing Systems," shall be amended as follows:

i.-ii. (No change.)

iii. Section E.10.2, Rainfall Rates, shall be deleted and the following shall be inserted: "Rainfall rates shall be applied so that the applicable rainfall rates for Burlington and Ocean counties and all counties south, shall be six (6)

inches per hour; for Mercer and Monmouth counties and all counties north, the applicable rainfall rate shall be five (5) inches per hour."

iv. Section E.10.3, Secondary Roof Drainage, shall be deleted.

18.-19. (No change.)

20. Appendix M, entitled "Impact of Water Temperature on the Potential for Scalding and Legionella Growth" shall be deleted.

21. Appendix N, entitled "Non-Sewered Sanitation Systems" shall be deleted.

22. Appendix O, entitled "Indoor Horticultural Facilities" shall be deleted.

(c) (No change.)

5:23-3.16 Electrical subcode

(a) Rules concerning the electrical subcode adopted are as follows:

1. Pursuant to the authority [of] **at** P.L. 1975, c. 217, as modified [by] **at** P.L. 1996, c. 53, the Commissioner hereby adopts the model code of the National Fire Protection Association, known as "The National Electrical Code (NEC) [2020] **2023**," and Tentative Interim Amendments [1-9 and 19] **70-23-1 through 70-23-13** as the electrical subcode for New Jersey.

i. (No change.)

2. The National Electrical Code [2020] **2023** may be known and cited as "the electrical subcode."

i. (No change.)

3. The Commissioner hereby adopts the National Electrical Safety Code (ANSI [C2-2017] **C2-2023**) for the installation of area lighting facilities by an electric utility on private property on metal poles with an underground electric feed.

i. (No change.)

(b) The following chapters or articles of the electrical subcode are amended, as follows:

1. (No change.)

2. Chapter 1 of the electrical subcode, Article 100, entitled "Definitions," is amended as follows:

i.-iii. (No change.)

iv. The definition of the term “qualified person” shall be amended to add “or one who is permitted to undertake work pursuant to the relevant licensing law, N.J.S.A. 45:5A-1 et seq.” after the word “involved.”

v. Section 110.17, entitled “Servicing and Maintenance of Equipment,” shall be deleted in its entirety.

vi. Section 110.29, entitled “In Sight From (Within Sight From, Within Sight),” shall be deleted in its entirety.

3. Chapter 2 of the electrical subcode, entitled "Wiring and Protection," is amended as follows:

i. Section [210.12(D)] **210.12(E)**, entitled "Branch Circuit **Wiring** Extensions or Modifications[- Dwelling Units,] **or Replacements**" is deleted in its entirety.

ii. Section 225.41, entitled “Emergency Disconnects,” shall be deleted in its entirety.

4. Chapter 3 of the electrical subcode, entitled “Wiring Methods and Materials” is amended as follows:

i. (No change.)

[ii. Section 334.12(A)(2) is deleted in its entirety.]

5. Chapter 4 of the electrical subcode, entitled "Equipment for General Use" is amended as follows:

i. (No change.)

ii. Article 425, entitled "Fixed Resistance and Electrode Industrial Process Heating Equipment," is amended as follows:

(1) (No change.)

(2) Section [425.8] **425.10**, entitled "General," including subsections (A)-(C) are deleted.

[(3) Section 425.10, entitled "Special Permission," is deleted.]

Recodify existing (4)-(7) as **(3)-(6)** (No change in text.)

[(8)] **(7)** Section 425.22(C), entitled "Overcurrent **Protective** Devices," is deleted.

Recodify existing (9)-(16) as **(8)-(15)** (No change in text.)

6. Chapter 5 of the electrical subcode, entitled "Special Occupancies," is amended as follows:

i. Section 514.3(B)(3), “**Fuel Storage**” with the exception of subsection (e), is deleted.

ii. Section 525.5(B), “**Clearance to Portable Structures**” of Article 525, entitled Carnivals, Circuses, Fairs and Similar Events, is deleted; it is replaced by Section 525.5(B) in the National Electrical Code 2005 as follows:

"525.5(B) Clearances to Rides and Attractions. Amusement rides and amusement attractions shall be maintained not less than 4.5 m (15 ft) in any direction from overhead conductors operating at 600 volts or less, except for the conductors supplying the amusement ride or attraction. Amusement rides or attractions shall not be located under or within 4.5 m (15 ft) horizontally of conductors operating in excess of 600 volts."

iii. (No change.)

iv. [In] **At** Article 551, entitled "Recreation Vehicles and Recreation Vehicle Parks," delete from the title the words "Recreational Vehicles and."

(1) Parts II, III, IV, and V, comprising [sections] **Sections** 551.20 through 551.60, are deleted in their entirety, with the exception of Figure 551.46(C)(1), which shall be retained.

v. (No change.)

7. Chapter 6 of the electrical subcode, entitled "Special Equipment," is amended, as follows:

[i. In Section 620.1, Scope, Informational Note No. 1 shall have "ASME A17.1-2016/CSA B44-16" deleted and "ASME A17.1-2019/CSA B44-19" shall be inserted in its place;

- ii. In Section 620.23(C), Duplex Receptacle, the Informational Note shall have "ASME A17.1-2016/CSA B44-16" deleted and "ASME A17.1-2019/CSA B44-19" shall be inserted in its place;
- iii. In Section 620.24(C), Duplex Receptacle, Informational Note No. 1 shall have "ASME A17.1-2016/CSA B44-16" deleted and "ASME A17.1-2019/CSA B44-19" shall be inserted in its place;
- iv. In Section 620.51(A), Type, the Informational Note shall have "ASME A17.1-2016/CSA B44-16" deleted and "ASME A17.1-2019/CSA B44-19" shall be inserted in its place; and
- v. In Section 620.91, Emergency and Standby Power Systems, Informational Note No. 1 shall have "ASME A17.1-2016/CSA B44-16" deleted and "ASME A17.1-2019/CSA B44-19" shall be inserted in its place.]
- [vi.] i. (No change in text.)
- [vii. In Section 680.25(A)(1), Feeders (Wiring Methods), the following exception, from Section 680.25(A)(1) of the NEC/2011, shall be inserted:
 "Exception: An existing feeder between an existing remote panelboard and service equipment shall be permitted to run in flexible metal conduit or an approved cable assembly that includes an equipment grounding conductor within its outer sheath. The equipment grounding conductor shall comply with 250.24(A)(5)."]

8. Chapter 7 of the electrical subcode, entitled “Energy Storage Systems” shall be amended as follows:

- i. Section 706.7, Commissioning and Maintenance, is deleted in its entirety.**

Recodify existing 8.-9. as **9.-10.** (No change in text.)

5:23-3.17 Fire protection subcode

(a) Rules concerning the fire protection subcode adopted are as follows:

1. Pursuant to the authority [of] **at** P.L. 1975, c. 217, as modified **at** P.L. 1996, c. 53, the Commissioner hereby adopts the following portions of the building, electrical, mechanical, fuel gas, and one- and two-family dwelling subcodes, to the extent delineated at N.J.A.C. 5:23-3.4, as the fire protection subcode for New Jersey.

i. (No change.)

ii. National Electrical Code of the National Fire Protection Association adopted as amended at N.J.A.C. 5:23-3.16 as the electrical subcode:

(1) Section 110.3 of Chapter 1 -- General;

Recodify existing (1)-(4) as **(2)-(5)** (No change in text.)

(6) Article 728 -- Fire-Resistive Cable Systems--Special Conditions;

[(5)] **(7) Article 760--Fire Alarm Systems of Chapter 7--Special Conditions[;].**

iii. International Mechanical Code of the International Code Council, Inc. adopted as amended at N.J.A.C. 5:23-3.20 as the mechanical subcode:

(1)-(6) (No change.)

(7) Chapter 13--Fuel Oil Piping and Storage[;].

iv. (No change.)

v. International Residential Code of the International Code Council, Inc., adopted as amended at N.J.A.C. 5:23-3.21 as the One- and Two-Family Dwelling

Subcode:

(1)-(10) (No change.)

(11) Sections G2404, G2408, G2409, G2425, and G2427 of Chapter 24--
Fuel Gas; [and]

(12) (No change.)

2. (No change.)

5:23-3.18 Energy Subcode

(a) Rules concerning the energy subcode adopted are as follows:

1. Pursuant to authority [of] **at** P.L. 1975, c. 217, as modified [by] **at** P.L. 1996, c. 53, the Commissioner hereby adopts the model code of the International Code Council, known as the International Energy Conservation [Code/2021 (IECC/2021)] **Code/2024 (IECC/2024)**, as the energy subcode for New Jersey.

i. Copies of the [IECC/2021] **IECC/2024** may be obtained from International Code Council, 4051 West Flossmoor Road, Country Club Hills, Illinois 60478-5795.

ii. (No change.)

(b) The following chapters and sections of the commercial provisions of the energy subcode are amended, as follows:

1. Chapter 1, Scope and Application, shall be amended as follows:

i. (No change.)

- ii. [Section C101.4.1, Mixed residential and commercial buildings, and] Section [C101.5] **C101.4, Compliance, and Section C102.1.1, Mixed residential and commercial buildings**, shall have "by means of the ASHRAE Standard 90.1" inserted after "IECC--Commercial Provisions."
 - iii. Sections **C102.2, Other laws; C102.5, Partial invalidity; C103, Code Compliance Agency; C104, Alternative Materials, Design And Methods Of Construction and Equipment; C105, Construction Documents**[, Section C104,]; **C106, Fees**[, Section C105]; **C107, Inspections**[, Section C106,]; **C108, Notice of Approval**[, Section C107, Validity, Section C108.3, Other laws,]; C109, [Stop Work Order, and C110, Board] **Means of Appeals**[,]; and **C110, Stop Work Order** shall be deleted and **“The applicable administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23) shall apply.”** shall be inserted under each section title, except that the **“alternative materials”** section shall state **“The provisions of N.J.A.C. 5:23-3.7 shall apply.”**
2. Chapter 2, Definitions, shall be deleted, [except that a new] **unless referenced for compliance in an optional appendix. A new** definition of "IECC-Commercial Provisions" shall be inserted and defined as meeting "the requirements of the ASHRAE Standard 90.1 referenced by Chapter 6 of commercial provisions of this code."
 3. Chapter 3, General Requirements, shall be deleted, **unless referenced for compliance in an optional appendix.**
 4. Chapter 4, Commercial Energy Efficiency, shall be amended as follows:
 - i. [In] **At** Section C401.2, Application, "Section C401.2.1 or" shall be deleted. In addition, Section C401.2.1, International Energy Conservation Code, shall be

deleted in its entirety **unless referenced for compliance in an optional appendix**. Lastly, new Section C401.2.2.1, Amendments, shall be added as follows: The following amendments shall apply to ASHRAE 90.1:

1. (No change.)
- ii. Sections C402, Building **Thermal** Envelope Requirements[, Section]; C403, Building Mechanical Systems[, Section]; C404, Service Water Heating [(Mandatory), Section]; C405, Electrical Power and Lighting Systems[, Section]; C406, Additional Efficiency, **Renewable and Load Management Requirements** [Package Options,]; C407, [Total] **Simulated** Building Performance[, and]; C408, Maintenance Information and System Commissioning[,]; **and C409, Calculation of the HVAC Total System Performance Ratio**; shall be deleted in their entirety **unless referenced for compliance in an optional appendix**.
5. (No change.)
6. Chapter 6, Referenced Standards, shall be amended as follows:
 - i. [In the ICC table, "IPC-21, International Plumbing Code" shall be deleted and "NSPC-21, National Standard Plumbing Code" shall be inserted. In addition, at the bottom of the ICC table, "***NSPC-21 is non-ICC and is published by the International Association of Plumbing and Mechanical Officials" shall be inserted.] **At the heading "ICC," amend the following title:**
 - (1) At "IBC", insert "as adopted at N.J.A.C. 5:23-3.14, building subcode" after "Code".
 - (2) At "IFGC-24", insert "as adopted at N.J.A.C. 5:23-3.22, fuel gas subcode" after "Code".

(3) At “IMC-24”, insert “, as adopted at N.J.A.C. 5:23-3.20, mechanical subcode” after “Code”.

(4) Delete “IPC-24, International Plumbing Code” and insert “NSPC-24, National Standard Plumbing Code, as adopted at N.J.A.C. 5:23-3.15, plumbing subcode”. In addition, at the bottom of the ICC references, insert “**NSPC-24 is non-ICC and is published by the International Association of Plumbing and Mechanical Officials”.

ii. At the heading “NFPA,” amend the following title:

(1) At “70-23”, insert “, as adopted at N.J.A.C. 5:23-3.16, electrical subcode” after “Code”.

7. Appendices

i.-ii. (No change.)

iii. [Appendix] **Appendices CC, Zero Energy Commercial Building Provisions**[, is]; **CD, The 2030 Glide Path**; **CE, Required HVAC Total System Performance Ratio**; **CF, Energy Credits**; **CG, Electric Vehicle Charging Infrastructure**; **CH, Electric-Ready Commercial Building Provisions**; **CI, Demand Responsive Controls**; and **CJ, Electrical Energy Storage System**; are optional at the discretion of the permit applicant. [Appendix CC shall be amended as follows:

(1) In Section CC103.1, Renewable energy, the second paragraph shall be deleted. In addition, "Section C401.2.1, Item 2 or" shall be deleted in the third paragraph.]

(c) The following chapters and sections of the residential provisions of the energy subcode are amended as follows:

1. Chapter 1, Scope and Application, shall be amended as follows:

i. (No change.)

ii. [Section R101.4.1, Mixed residential and commercial buildings, and] Section [R101.5] **R101.4, Compliance, and Section R102.1.1, Mixed residential and commercial buildings**, shall have "by means of the ASHRAE Standard 90.1" inserted after "IECC--Commercial Provisions."

iii. Sections **R102.2, Other laws; R102.5, Partial invalidity; R103, Code Compliance Agency; R104, Alternative Materials, Design And Methods Of Construction and Equipment; R105, Construction Documents**[, Section R104,]; **R106, Fees**[, Section R105]; **C107, Inspections**[, Section R106,]; **R108, Notice of Approval**[, Section R107, Validity, Section R108.3, Other laws,]; R109, [Stop Work Order, and R110,] Means of Appeals[,]; and **R110, Stop Work Order** shall be deleted and **“The applicable administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23) shall apply.”** shall be inserted under each section title, except that the **“alternative materials”** section shall state **“The provisions of N.J.A.C. 5:23-3.7 shall apply.”**

2. Chapter 2, Definitions, shall be amended as follows:

i.-v. (No change.)

vi. The definitions of "Code Official" and **“Construction Documents”** shall be deleted.

vii. (No change.)

viii. The definitions of **“Existing Building,”** "Historic Building," "Repair," "Reroofing," "Roof Recover," "Roof Repair," [and] "Roof Replacement," **“Substantial Improvement,”** and **“Work Area,”** shall be deleted.

ix. (No change.)

3. (No change.)

4. Chapter 4, Residential Energy Efficiency, shall be amended as follows:

i. (No change.)

ii. [In] **At** Section R403.7, Equipment sizing and efficiency rating [(Mandatory)], "or replacement" shall be deleted in the second sentence.

iii. [In] **At** Section R403.8, Systems serving multiple dwelling units [(Mandatory)], delete "Sections C403 and C404 of the IECC--Commercial Provisions" and replace with "Chapters 6 and 7 of the ASHRAE Standard 90.1".

[iv. In Section R404.1.1, Exterior lighting, delete "Section C405.5 and replace with "Section 9.4.2 of the ASHRAE Standard 90.1."]

5. (No change.)

6. Chapter 6, Referenced Standards, shall be amended as follows:

[i. In the ICC table, "IPC-21, International Plumbing Code" shall be deleted and "NSPC-21, National Standard Plumbing Code" shall be inserted. In addition, at the bottom of the ICC table, "***NSPC-21 is non-ICC and is published by the International Association of Plumbing and Mechanical Officials" shall be inserted.]

i. At the heading "ICC," amend the following title:

(1) At “IBC-24”, insert “, as adopted at N.J.A.C. 5:23-3.14, building subcode” after “Code”.

(2) At “IFGC-24”, insert “, as adopted at N.J.A.C. 5:23-3.22, fuel gas subcode” after “Code”.

(3) At “IMC-24”, insert “, as adopted at N.J.A.C. 5:23-3.20, mechanical subcode” after “Code”.

(4) Delete “IPC-24, International Plumbing Code” and insert “NSPC-24, National Standard Plumbing Code, as adopted at N.J.A.C. 5:23-3.15, plumbing subcode”. In addition, at the bottom of the ICC references, insert “**NSPC-24 is non-ICC and is published by the International Association of Plumbing and Mechanical Officials”.

(5) At “IRC-24”, insert “, as adopted at N.J.A.C. 5:23-3.21, one- and two-family dwelling subcode” after “Code”.

ii. At the heading “NFPA,” amend the following title:

(1) At “70-23”, insert “, as adopted at N.J.A.C. 5:23-3.16, electrical subcode” after “Code”.

7. Appendices

i.-ii. (No change.)

iii. [Appendix] **Appendices RC, Zero Net Energy Residential Building Provisions[, is]; RD, Electric Energy Storage Provisions; RE, Electric Vehicle Charging Infrastructure; RF, Alternative Building Thermal Envelope Insulation R-Value Options; RG, 2024 IECC Stretch Code; RH, Operational Carbon Rating And Energy Reporting; RI, On-Site Renewable Energy; RJ,**

Demand Responsive Controls; RK, Electric-Ready Residential Building Provisions; RL, Renewable Energy Infrastructure; are optional at the discretion of the permit applicant. Appendix RC **and RH** shall be amended as follows:

(1) [In] **At** Section [RC101.1, Compliance, "Existing residential buildings shall comply with Chapter 5." is] **RC101.2, Application, and Section RH102.1, Application, the exception shall be deleted.**

5:23-3.20 Mechanical subcode

(a) Rules concerning the mechanical subcode adopted are as follows:

1. Pursuant to **the** authority [of] **at** P.L. 1975, c. 217, the Commissioner hereby adopts the model code of the International Code Council, Inc., known as the International Mechanical [Code/2021] **Code/2024**. This code is hereby adopted by reference as the Mechanical Subcode for the State of New Jersey subject to the modifications at (b) below.

i. (No change.)

ii. The International Mechanical [Code/2021] **Code/2024** may be known and cited as the "mechanical subcode."

2. Any references to the International Plumbing Code, the International Energy Conservation Code, or the International Existing Building Code **throughout this code and** listed [in] **at** Chapter 15 shall be considered a reference to the appropriate plumbing **subcode at N.J.A.C. 5:23-3.15**, [or] energy subcode [in] **at N.J.A.C. 5:23-[3]3.18**, or the rehabilitation subcode [in] **at N.J.A.C. 5:23-6, respectively.**

3. (No change.)

(b) The following chapters, sections, or pages of the International Mechanical [Code/2021]

Code/2024 shall be amended as follows:

1. Chapter 1 of the mechanical subcode, entitled "Scope and Administration," [is] **the subsections are** deleted [in its entirety] **and “The applicable administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23) shall apply.” shall be inserted under each section title, except that the “alternative materials” section shall state “The provisions of N.J.A.C. 5:23-3.7 shall apply.”.**

2. Chapter 2 of the mechanical subcode, entitled "Definitions," is amended as follows:

i.-viii. (No change.)

ix. The definition of the term “peer review” is deleted.

3. Chapter 3 of the mechanical subcode, entitled "General Regulations," shall be amended as follows:

i.-ii. (No change.)

[iii. In Section 301.11, Plumbing connections, delete "International Plumbing Code" and insert "plumbing subcode (N.J.A.C. 5:23-3.15)" in its place.]

Recodify existing iv.-ix. as **iii.-viii.** (No change in text.)

4. Chapter 5 of the mechanical subcode, entitled “Exhaust Systems,” shall be amended as follows:

i.-ii. (No change.)

iii. Section 512.1, [General] **Scope and purpose**, is amended to add a sentence as follows: "This section shall not apply to radon construction techniques covered by subchapter 10 of the Uniform Construction Code."

[iv. In Section 513.5.2, Testing of leakage area, "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.]

5. Chapter 6 of the mechanical subcode, entitled "Duct Systems," is amended as follows:

- i. Section [602.2.1] **602.3**, Materials [in] **within** plenums, is amended to modify Exception 3 to read: "This section shall not apply to materials exposed within plenums in one-and two-family dwellings. Wire exposed in plenums of one-and two-family dwellings shall conform to the requirements of the electrical subcode."
- ii. Section [602.2.1.1] **602.3.3**, Wiring, is deleted in its entirety and substitute the following language: "Wiring, cable and raceways installed in a plenum shall be listed and installed in accordance with the electrical subcode."

6. (No change.)

7. Chapter 9 of the mechanical subcode, entitled "Specific Appliances, Fireplaces and Solid Fuel Burning Equipment," shall be amended as follows:

[i. In Section 908.5, Water supply, "International Plumbing Code," shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.]

[ii.] **i.** (No change in text.)

[iii. In Item 4 of Section 928.1, General, "International Plumbing Code," shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.]

8. Chapter 10 of the mechanical subcode, entitled "Boilers, Water Heaters and Pressure Vessels," shall be amended as follows:

i. (No change.)

ii. Section 1002.4, Water heater pan required, shall be deleted.

[ii. In Section 1002.1, General, in the first and third sentence, "International Plumbing Code," shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

iii. In Section 1002.2, Water heaters utilized for space heating, "International Plumbing Code," shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

iv. Section 1002.3, Supplemental water-heating devices, "International Plumbing Code," shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

v. In Section 1008.2, Discharge, "International Plumbing Code," shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.]

9. (No change.)

[10. Chapter 12 of the mechanical subcode, entitled "Hydronic Piping," is amended as follows:

i. In Section 1210.8.1, Protection of potable water, "International Plumbing Code," shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.]

[11.] **10.** (No change in text.)

[12.] **11.** Chapter 15 of the mechanical subcode, entitled "Referenced Standards," shall be amended as follows:

i. At the heading "ASHRAE," amend the following title:

(1) At "90.1-2022", insert "as adopted at N.J.A.C. 5:23-3.18, energy subcode" after the second "Buildings." .

[i.] **ii.** [Under] **At the heading "ICC," amend the following titles:**

(1) At “IBC-24”, insert “, as adopted at N.J.A.C. 5:23-3.14, building subcode” after “Code.”.

(2) At “IECC-24”, insert “, as adopted at N.J.A.C. 5:23-3.18, energy subcode” after “Code.”.

(3) At “IFGC-24”, insert “, as adopted at N.J.A.C. 5:23-3.22, fuel gas subcode” after “Code.”.

[(1)] (4) Delete ["IPC—21, International Plumbing Code."] “IPC-24, International Plumbing Code,” and insert “NSPC-24, National Standard Plumbing Code, as adopted at N.J.A.C. 5:23-3.15, plumbing subcode.”. In addition, at the bottom of the ICC references, insert “NSPC-24 is non-ICC and is published by the International Association of Plumbing and Mechanical Officials.”.**

(5) At “IRC-24”, insert “, as adopted at N.J.A.C. 5:23-3.21, one- and two-family dwelling subcode” after “Code.”.

iii. At the heading “NFPA,” amend the following title:

(1) At “70-23”, insert “, as adopted at N.J.A.C. 5:23-3.16, electrical subcode” after “Code.”.

[13.] 12. Appendix A, [of the mechanical subcode entitled] "Chimney Connector Pass-Throughs," is informative and is not part of the code.

[14.] 13. Appendix B, [of the mechanical subcode entitled] "Recommended Permit Fee Schedule," **and Appendix C, “Board of Appeals,” are** [is] deleted in [its] **their** entirety.

14. Appendix D, “Clean Air Delivery,” and Appendix E, “Clean Air Delivery and Monitoring,” shall be optional at the discretion of the permit applicant.

5:23-3.21 One- and two-family dwelling subcode

(a) Rules concerning the one- and two-family dwelling subcode are adopted as follows:

1. Pursuant to **the** authority [of] **at** P.L. 1975, c. 217, as modified [by] **at** P.L. 1996, c. 53, the Commissioner hereby adopts the model code of the International Code Council, [2021] **2024** International Residential Code known as the ["IRC/2021"] **IRC/2024** as the one- and two-family dwelling subcode in New Jersey subject to the modifications stated at (c) below.

i. (No change.)

ii. The [IRC/2021] **IRC/2024** may be known and cited as the one- and two-family dwelling subcode.

2. Any references to the International Plumbing Code or the International Existing Building Code throughout the code and listed at Chapter 44 shall be considered a reference to the appropriate plumbing subcode at N.J.A.C. 5:23-3.15 or rehabilitation subcode at N.J.A.C. 5:23-6, respectively.

3. Anywhere the term "code" appears, shall be a reference to "subcode" as defined at N.J.A.C. 5:23-1.4 for any of the adopted national model codes as appropriate.

(b) (No change.)

(c) The following chapters or sections of the [IRC/2021] **IRC/2024** shall be modified as follows:

1. Chapter 1, Scope and Administration, **the subsections** shall be deleted [in its entirety] and ["See the] **“The applicable administrative provisions of the Uniform Construction**

Code (N.J.A.C. 5:23) shall apply." shall be inserted [. In addition, any referenced section of Chapter 1 shall be deleted throughout the code and "the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)" shall be inserted.] **at each section title, except that the “alternative materials” section shall state, “The provisions of N.J.A.C. 5:23-3.7 shall apply.”.**

2. Chapter 2, Definitions, shall be amended as follows:

i.-iii. (No change.)

iv. In the definition of "Approved Agency," "[or other] **by the** authority having jurisdiction in accordance with the Uniform Construction Code" shall be inserted after ["official."] **"approved."** **In addition, the last sentence “For the definition applicable in Chapter 24, see Section G2403.” shall be deleted.**

v.-xxiii. (No change.)

xxiv. The definition of “Substantial Damage” shall be deleted.

xxv. The definition of "Substantial Improvement" shall be deleted.

3. Chapter 3, Building Planning, shall be amended as follows:

i. (No change.)

ii. Table R301.2, Climatic and Geographic Design Criteria, shall be amended as follows:

1.-13. (No change.)

14. At the beginning of Note b, insert "New Jersey is divided into two zones: SNJ consists of Monmouth and Burlington Counties and all counties to the south; NNJ consists of Mercer and Middlesex Counties and all counties to the north." **In addition, the last sentence “The**

jurisdiction shall fill in the frost line depth column with the minimum depth of footing below finish grade.” shall be deleted.

15. At the beginning of Note g, insert "See the local floodplain administrator [(LFPA)] **(LFA)**."

iii.-viii. (No change.)

[ix. In Section R302.5.1, Opening protection, in the last sentence, ", Doors shall be self-latching and equipped with a self-closing or automatic-closing device" shall be deleted.]

[x.] **ix.** [In] **At** Section R302.6, [Dwelling-garage] **Dwelling-unit garage** fire separation, "Attachment of gypsum board shall comply with Table R702.3.5." shall be deleted.

[xi.] **x.** Table R302.6, [Dwelling-garage] **Dwelling-unit garage** Separation, shall be amended as follows: In the column entitled "Material" and the rows entitled "From [habitable rooms] **portions of the dwelling unit** above the garage" and "Structure(s) supporting floor/ceiling assemblies used for separation required by this section," the text shall be deleted and "constructed with not less than a one-hour fire resistance rating (see N.J.U.C.C. FTO-13)" shall be inserted.

[xii. Section R303.7, Interior stairway illumination and R303.8, Exterior stairway illumination, shall be deleted in their entirety.

xiii. Section R303.10, Required heating, shall be deleted in its entirety.

xiv. In Section R307.1, Space required, "Figure R307.1, and in accordance with the requirements of Section P2705.1" shall be deleted and "Figure 7.3.2 of the

plumbing subcode (N.J.A.C. 5:23-3.15), entitled 'Minimum Fixture Clearances'" shall be inserted. In addition, Figure R307.1 shall be deleted.

xv. In Section R310.1, Emergency escape and rescue opening required, "Basements, habitable attics and" shall be deleted. The sentence shall start with "Every." In addition, exception 1 shall be deleted in its entirety.

xvi. In Section R310.4.3, Drainage, "“R405.1” shall be deleted in the body of the general text and “Section R406 and in accordance with the plumbing subcode (N.J.A.C. 5:23-3.15)” shall be inserted. “Additionally, within the exception “Table R405.1” shall be deleted and “Table R406.1” shall be inserted.

xvii. Sections R310.5, Replacement windows for emergency escape and rescue openings, R310.6, Dwelling additions, and R310.7, Alterations or repairs of existing basements, R310.7.1, Existing emergency escape rescue openings, shall be deleted.

xviii. Section R313.1, Townhouse automatic fire sprinkler systems shall be deleted. Section R313.1.1 shall be retained.

xix. In Section R311.7.5.1, Risers, "7 3/4 inches (196 mm)" shall be deleted and "8 1/4 inches (210 mm)" shall be inserted.

xx. In Sections R311.7.5.2, Treads, and R311.7.5.2.1, Winder treads, "10 inches (254 mm)" shall be deleted and "9 inches (229 mm)" shall be inserted.

xxi. In Section R311.7.8.1, Height, "34 inches (864 mm)" shall be deleted and "30 inches (762 mm)" shall be inserted.

xxii. Section R311.7.9, Illumination, shall be deleted in its entirety.

xxiii. In Section R311.8.3.1, Height, "34 inches (864 mm)" shall be deleted and "30 inches (762 mm)" shall be inserted.

xxiv. Section R313.1, Townhouse automatic fire sprinkler systems, "As of February 1, 2025," shall be inserted at the beginning of the sentence, and "regardless of the grace period set forth pursuant to N.J.A.C. 5:23-1.6" shall be inserted at the end of the sentence. Additionally, the text of the exception shall be deleted, and "A newly constructed townhouse shall not be subject to this section if an application for a construction permit or an application for development has been submitted to a State, county, or municipal agency prior to July 10, 2024" shall be inserted in its place.

xxv. Section R313.2, One- and two-family dwellings automatic sprinkler systems, shall be deleted. Section R313.2.1 shall be retained.

xxvi. Section R314.2.2, Alterations, repairs and additions, shall be deleted.

xxvii. In Section R314.6, Power source, both exceptions shall be deleted.

xxviii. New Section R314.7.5 shall be inserted as follows: "R314.7.5, Monitoring. The system shall be monitored by an approved supervising station and shall be maintained in accordance with NFPA 72."

xxix. In Section R315.2, Where required, "and R315.2.2" shall be deleted. Also, Section R315.2.2, Alterations, repairs and additions, shall be deleted. Lastly, exception 2 of Section R315.6, Power source, shall be deleted.

xxx. In Section R319.1, Address Identification, the fourth, fifth, and ninth sentences shall be deleted. Additionally, in the seventh sentence, "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.

- xxxi. Section R320, Accessibility, shall be deleted.
- xxxii. Section R321, Elevators and platform lifts, shall be deleted.
- xxxiii. In Section R322.1, General, "repair" shall be deleted and "restoration" shall be inserted.
- xxxiv. Section R322.1.1, Alternative provisions, shall be deleted in its entirety.
- xxxv. In Section R322.1.6, Protection of mechanical, plumbing and electrical systems, the second sentence shall be deleted.
- xxxvi. In Section R322.1.7, Protection of water supply and sanitary sewage systems, in the first and second sentences, "and replacement" shall be deleted. Also, in the second sentence, "the plumbing provisions of this code and Chapter 3 of the International Private Sewage Disposal Code" shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.
- xxxvii. In Section R322.1.9, Manufactured homes, in the first sentence, "new and replacement" shall be deleted and "relocated" shall be inserted in lieu thereof.
- xxxviii. In Section R322.2.3, Foundation design and construction, "For buildings supported by piles, the design and methods of construction shall meet the applicable criteria of ASCE 24." shall be inserted after the first sentence.
- xxxix. In Section R322.3, Coastal high-hazard areas (including V Zones and Coastal A Zones, where designated), "Sections R322.3.1 through R322.3.10" shall be deleted and "ASCE 24" shall be inserted in its place. Additionally, the subsections that follow the text of R322.3, Sections R322.3.1 through R322.3.10, shall be deleted.
- xl. Section R323, Storm Shelters, shall be deleted.

xli. Section R326, Habitable attics, shall be deleted.]

xi. At Section R306.1, General, "repair" shall be deleted and "restoration" shall be inserted.

xii. Section R306.1.1, Alternative provisions, shall be deleted in its entirety.

xiii. At Section R306.1.6, Protection of mechanical, plumbing and electrical systems, the second sentence shall be deleted.

xiv. At Section R306.1.7, Protection of water supply and sanitary sewage systems, in the first and second sentences, "and replacement" shall be deleted. Also, in the second sentence, "the plumbing provisions of this code and Chapter 3 of the International Private Sewage Disposal Code" shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

xv. At Section R306.1.9, Manufactured homes, in the first sentence, "new and replacement" shall be deleted and "relocated" shall be inserted in lieu thereof.

xvi. At Section R306.2.3, Foundation design and construction, "For buildings supported by piles, the design and methods of construction shall meet the applicable criteria of ASCE 24." shall be inserted after the first sentence.

xvii. At Section R306.3, Coastal high-hazard areas (including V Zones and Coastal A Zones, where designated), "Sections R306.3.1 through R306.3.10" shall be deleted and "ASCE 24" shall be inserted in its place. Additionally, the text of Sections R306.3.1 through R306.3.10, shall be deleted, and "See ASCE 24" shall be inserted after each title.

xviii. Section 307, Storm Shelters, shall be deleted.

xix. At Section R308.1, Address Identification, the fourth, fifth, and ninth sentences shall be deleted. Additionally, in the seventh sentence, "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.

xx. Section R309.1, Townhouse automatic fire sprinkler systems, "As of February 1, 2025," shall be inserted at the beginning of the sentence, and "regardless of the grace period set forth pursuant to N.J.A.C. 5:23-1.6" shall be inserted at the end of the sentence. Additionally, the text of the exception shall be deleted, and "A newly constructed townhouse shall not be subject to this section if an application for a construction permit or an application for development has been submitted to a State, county, or municipal agency prior to July 10, 2024" shall be inserted in its place.

xxi. Section R309.2, One- and two-family dwellings automatic sprinkler systems, shall be deleted. Section R309.2.1 shall be retained.

xxii. Section R310.2.2, Alterations, repairs and additions, shall be deleted.

xxiii. At Section R310.6, Power source, both exceptions shall be deleted.

xxiv. At Section R310.7, "R310.7.4" shall be deleted and "R310.7.5" shall be inserted in its place.

xxv. New Section R310.7.5 shall be inserted as follows: "R310.7.5, Monitoring. The system shall be monitored by an approved supervising station and shall be maintained in accordance with NFPA 72."

xxvi. At Section R311.2, Where required, "and R311.2.2" shall be deleted.

Also, Section R311.2.2, Alterations, repairs and additions, shall be deleted.

Lastly, Exception 2 of Section R311.6, Power source, shall be deleted.

xxvii. Section R313.1.2, Habitable attics and basements in existing buildings, shall be deleted in its entirety.

xxviii. Section R316, Habitable attics, shall be deleted.

xxix. At Section R318.3.1, Floor elevations at the required egress doors, in the Exception, "7 3/4 inches (196 mm)" shall be deleted and "8 1/4 inches (210 mm)" shall be inserted. Also, at Section R318.3.2, Floor elevations at other exterior doors, "7 3/4 inches (196 mm)" shall be deleted and "8 1/4 inches (210 mm)" shall be inserted."

xxx. At Section R318.7.5.1, Risers, "7 3/4 inches (196 mm)" shall be deleted and "8 1/4 inches (210 mm)" shall be inserted.

xxxi. At Sections R318.7.5.2, Treads, and R318.7.5.2.1, Winder treads, "10 inches (254 mm)" shall be deleted and "9 inches (229 mm)" shall be inserted.

xxxii. Section R318.7.9, Stairways in existing buildings, shall be deleted in its entirety.

xxxiii. Section R318.7.10, Illumination, shall be deleted in its entirety.

xxxiv. At Section R319.1, Emergency escape and rescue opening required, "Basements, habitable attics and" shall be deleted. The sentence shall start with "Every." In addition, exceptions 1 and 2 shall be deleted in their entirety.

xxxv. Sections R319.5, Replacement windows for emergency escape and rescue openings, R319.5.1, Window opening control device and fall protection device height, R319.6, Dwelling additions, R319.7, Alterations or repairs of existing basements, and R319.7.1, Existing emergency escape rescue openings, shall be deleted.

xxxvi. At Section R320.2, Height, "34 inches (864 mm)" shall be deleted and "30 inches (762 mm)" shall be inserted.

xxxvii. Section R322, Accessibility, shall be deleted.

xxxviii. Section R323, Elevators and platform lifts, shall be deleted.

xxxix. Section R325.6, Interior stairway illumination and R325.7, Exterior stairway illumination, shall be deleted in their entirety.

xl. Section R325.8, Required heating, shall be deleted in its entirety.

xli. At Section R327.1, Space required, "Figure R327.1, and in accordance with the requirements of Section P2705.1" shall be deleted and "Figure 7.3.2 of the plumbing subcode (N.J.A.C. 5:23-3.15), entitled 'Minimum Fixture Clearances'" shall be inserted. In addition, Figure R327.1 shall be deleted.

xlii. [In] At Section [R327.1] **R328.1, General, "and enclosures" shall be inserted between "spas" and "shall."**

xliii. A new Section [R327.2] **R328.2, Amendments to the International Swimming Pool and Spa Code, shall be inserted as follows:**

[R327.2] **R328.2. Amendments to the International Swimming Pool and Spa Code. The following amendments shall be made to the International Swimming Pool and Spa Code (ISPSC).**

1. Chapter 1, Scope and Administration, shall be deleted in its entirety and "See the administrative provisions of N.J.A.C. 5:23." shall be inserted. In addition, any referenced section of Chapter 1 shall be deleted throughout the code and "the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)" shall be inserted.

2. Chapter 2, Definitions, shall be amended as follows:

2.1 [In] **At** Section 201.3, Terms defined in other codes, "International Plumbing Code" shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

2.2 [In] **At** Section 202, Definitions:

2.2.1 The definition of "alteration" shall be deleted.

2.2.2 The definition of "code official" shall be deleted and the following shall be inserted:

"Construction Official. A qualified person appointed by the municipal appointing authority or the commissioner pursuant to the act and the regulations to enforce and administer the regulations within the jurisdiction of the enforcing agency."

2.2.3 The definition of "existing pool or spa" shall be deleted.

2.2.4 The definition of "owner" shall be deleted and the following shall be inserted:

"Owner. The owner or owners in fee of the property of a lesser estate therein, a mortgagee or vendee in possession, an assignee of rents, receiver, executor, trustee, lessee or any other person, firm or corporation,

directly or indirectly in control of a building, structure or real property and shall include any subdivision thereof of the State."

2.2.5 The definitions of **"peer review,"** "permit," and "repair" shall be deleted.

3. Chapter 3, General Compliance, shall be amended as follows:

3.1 [In] **At** Section 302.1, Electrical, "NFPA 70" shall be deleted and "the electrical subcode (N.J.A.C. 5:23- 3.16)" shall be inserted. Additionally, "or the International Residential Code, as applicable in accordance with Section 102.7.1" shall be deleted.

3.2 [In] **At** Section 302.2, Water service and drainage, "International Plumbing Code" shall be deleted and "plumbing subcode (N.J.A.C. 5:23- 3.15)" shall be inserted.

3.3 [In] **At** Sections 302.5, Backflow prevention, and 302.6, Waste-water discharge, "International Plumbing Code or the International Residential Code, as applicable in accordance with Section 102.7.1" shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

3.4 At Section 303.1.3, Covers, "in accordance with Section 104.9.1" shall be deleted.

[3.4] **3.5** Section 305, Barrier requirements, shall be amended as follows:

[3.4.1] **3.5.1** In Section 305.1, General, in the second sentence, "and swimming pools are equipped with a powered safety cover that complies with ASTM F1346" shall be deleted. Also, in the second sentence, ", hot tubs or pools" shall be replace with "or hot tubs".

[3.4.2] **3.5.2** Section 305.1.1, Construction fencing required, shall be deleted.

[3.4.3] **3.5.3** Section 305.4, Structure wall as a barrier, shall be deleted.

[3.4.4] **3.5.4** In Section 305.5, Onground residential pool structure as a barrier, in item 3, “capable of being secured, locked or removed to prevent access except where the ladder or steps are” shall be deleted.

[3.5] **3.6** In Section 306.1, General, “in accordance with Section [102.7.1] **102.7**” shall be deleted.

[3.6] **3.7** Sections 306.3, Step risers and treads, and 306.4, Deck steps handrail required, shall be deleted.

[3.7] **3.8** In Section 306.9.1, Hose bibbs, “International Plumbing Code or the International Residential Code, as applicable in accordance with Section 102.7.1” shall be deleted and “plumbing subcode (N.J.A.C. 5:23-3.15)” shall be inserted.

[3.8] **3.9** [In] ~~At~~ Sections 307.1.1, Glazing in hazardous locations, **307.1.4**, Roofs or canopies, 307.2.2, Materials and structural design, [307.1.3] and [316.6.1] **317.6.1**, Installation, “in accordance with Section 102.7.1” shall be deleted.

[3.9] **3.10** [In] ~~At~~ Section [316.4] **317.4**, Installation, “in accordance with Section 102.7.1” shall be deleted. Additionally, “NFPA 70” shall be deleted and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted.

[3.10] **3.11** [In] ~~At~~ Section [318.2] **319.2**, Protection of potable water supply, “International Residential Code or the International Plumbing

Code or, as applicable in accordance with Section 102.7.1” shall be deleted and “plumbing subcode (N.J.A.C. 5:23-3.15)” shall be inserted.

[3.11] **3.12** [In] **At** Section [321.2.1] **322.2.1**, Pool and deck illumination, in the second sentence, “NFPA 70” shall be deleted and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted.

[3.12] **3.13** [In] **At** Section [321.4] **322.4**, Residential pool and deck illumination, “NFPA 70” shall be deleted and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted. Additionally, “or the International Residential Code, as applicable in accordance with Section 102.7.1” shall be deleted.

[3.13] **3.14** [In] **At** Section [324.4] **325.4**, Electrical, “NFPA 70” shall be deleted, and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted.

4. Chapter 4, Public swimming pools, shall be amended as follows:

4.1 [In] **At** Section 410.1, Toilet facilities, "International Building Code or International Plumbing Code" shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

5. Chapter 6, Aquatic recreation facilities, shall be amended as follows:

5.1 [In] **At** Section 601.1, Scope, the following sentence shall be added to the end of the paragraph, "For purposes of enforcement, Class D-2 and Class D-6 public pools shall be regulated by this chapter and N.J.A.C. 5:23; all other Class D public pools shall be regulated by N.J.A.C. 5:14A."

5.2 [In] **At** Section 609.1, General, "International Building Code and International Plumbing Code and Section 609.2 through 609.9" shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

5.3 Sections 609.2, Number of fixtures, 609.3, Showers, 609.4, Soap dispensers, 609.5, Toilet tissue holder, 609.6, Lavatory mirror, 609.7, Sanitary napkin receptacles, 609.8, Sanitary napkin dispensers, and 609.9, Infant Care, shall be deleted.

6. Appendix A, Board of Appeals, shall be deleted in its entirety.

xliv. [In] **At** Section [R329.2] **R331.2**, Installation, "Chapters 34 through 43" shall be deleted, and "the electrical subcode (N.J.A.C. 5:23-3.16)" shall be inserted.

xlv. [In] **At** Section [R330.1] **R332.1**, General, the words "and existing" shall be deleted.

4. Chapter 4, Foundations, shall be amended as follows:

i. In Table R401.4.1(1), Presumptive Load Bearing Values of Foundation Materials, "12,000; 4,000; 3,000; 2,000; and 1,500" shall be deleted and "12,000; 6,000; 5,000; 3,000; and 2,000" shall be inserted.

ii.-iii. (No change.)

[iv. In Section R403.3.3, Drainage, "Table R405.1" shall be deleted and "Table R406.1" shall be inserted.

v. In Table R403.4, note C; Table R404.1.1(1), Note B; Table R404.1.1(2), Note D; Table R404.1.1(3), Note D; Table R404.1.1(4), Note D; Table R404.1.2(2),

Note A; Table R404.1.2(3), Note A; Table R404.1.2(4), Note A; Table R404.1.2(5), Note A; Table R404.1.2(6), Note A; Table R404.1.2(7), Note A; and Table R404.1.2(8), Note A, "Table R405.1" shall be deleted and "Table R406.1" shall be inserted.

vi. In Section R404.2.5, Drainage and dampproofing, delete "Sections R405 and R406, respectively." and insert "Section R406."]

[vii.] **iv.** (No change in text.)

[viii. Sections R405, Foundation Drainage, with the exception of Table R405.1, which shall be renumbered as "Table R406.1", and R406, Foundation Waterproofing and Dampproofing, shall be deleted and the text of Section 1805, Dampproofing and Waterproofing from the building subcode shall be inserted as follows:

"R406.1 General. Walls or portions thereof that retain earth and enclose interior spaces and floors below grade shall be waterproofed and dampproofed in accordance with this section, with the exception of those spaces containing groups other than residential and institutional where such omission is not detrimental to the building or occupancy.

Ventilation for crawl spaces shall comply with Section R408.

R406.1.1 Story above grade plane. Where a basement is considered a story above grade plane and the finished ground level adjacent to the basement wall is below the basement floor elevation for 25 percent or more of the perimeter, the floor and walls shall be dampproofed in accordance with Section R406.2 and a foundation drain shall be installed

in accordance with Section R406.4.1. The foundation drain shall be installed around the portion of the perimeter where the basement floor is below ground level. The provisions of Sections R406.3 and R406.4.1 shall not apply in this case.

R406.1.2 Under-floor space. The finished ground level of an under-floor space such as a crawl space shall not be located below the bottom of the footings. Where there is evidence that the ground water table rises to within 6 inches (152 mm) of the ground level at the outside building perimeter, or that the surface water does not readily drain from the building site, the ground level of the under-floor space shall be as high as the outside finished ground level, unless an approved drainage system is provided. The provisions of Sections R406.2, R406.3 and R406.4 shall not apply in this case.

R406.1.2.1 Flood hazard areas. For buildings and structures in flood hazard areas as established in Section R322, the finished ground level of an under-floor space such as a crawl space shall be equal to or higher than the outside finished ground level on at least one side.

Exception: Under-floor spaces that meet the requirements of FEMA TB-11.

R406.1.3 Ground-water control. Where the groundwater table is lowered and maintained at an elevation not less than 6 inches (152 mm) below the bottom of the lowest floor, the floor and walls shall be dampproofed in accordance with Section R406.2. The design of the system to lower the ground-water table shall be based on accepted principles of engineering

that shall consider, but not necessarily be limited to, permeability of the soil, rate at which water enters the drainage system, rated capacity of pumps, head against which pumps are to operate and the rated capacity of the disposal area of the system.

R406.2 Dampproofing. Where hydrostatic pressure will not occur, floors and walls for other than wood foundation systems shall be dampproofed in accordance with this section. Wood foundation systems shall be constructed in accordance with AWC PWF.

R406.2.1 Floors. Dampproofing materials for floors shall be installed between the floor and the base course required by Section R406.4.1, except where a separate floor is provided above a concrete slab.

Where installed beneath the slab, dampproofing shall consist of not less than 6-mil (0.006 inch; 0.152 mm) polyethylene with joints lapped not less than 6 inches (152 mm), or other approved methods or materials. Where permitted to be installed on top of the slab, dampproofing shall consist of mopped-on bitumen, not less than 4-mil (0.004 inch; 0.102 mm) polyethylene, or other approved methods or materials. Joints in the membrane shall be lapped and sealed in accordance with the manufacturer's installation instructions.

R406.2.2 Walls. Dampproofing materials for walls shall be installed on the exterior surface of the wall, and shall extend from the top of the footing to above ground level.

Dampproofing shall consist of a bituminous material, 3 pounds per square yard (16N/m) of acrylic modified cement, 1/8-inch (3.2 mm) coat of surface-bonding mortar complying with ASTM C 887, any of the materials permitted for waterproofing by Section R406.3.2, or other approved methods or materials.

R406.2.2.1 Surface preparation of walls. Prior to application of dampproofing materials on concrete walls, holes and recesses resulting from the removal of form ties shall be sealed with a bituminous material or other approved methods or materials. Unit masonry walls shall be parged on the exterior surface below ground level with not less than 3/8 inch (9.5 mm) of portland cement mortar. The parging shall be coved at the footing.

Exception: Parging of unit masonry walls is not required where a material is approved for direct application to the masonry.

R406.3 Waterproofing. Where the ground-water investigation indicates that a hydrostatic pressure condition exists, and the design does not include a ground-water control system as described in Section R406.1.3, walls and floors shall be waterproofed in accordance with this section.

R406.3.1 Floors. Floors required to be waterproofed shall be of concrete and designed and constructed to withstand the hydrostatic pressures to which the floors will be subjected.

Waterproofing shall be accomplished by placing a membrane of rubberized asphalt, butyl rubber, fully adhered/fully bonded HDPE or

polyolefin composite membrane or not less than 6-mil (0.006 inch; 0.152 mm) polyvinyl chloride with joints lapped not less than 6 inches (152 mm) or other approved materials under the slab. Joints in the membrane shall be lapped and sealed in accordance with the manufacturer's installation instructions.

R406.3.2 Walls. Walls required to be waterproofed shall be of concrete or masonry and shall be designed and constructed to withstand the hydrostatic pressures and other lateral loads to which the walls will be subjected.

Waterproofing shall be applied from the bottom of the wall to not less than 12 inches (305 mm) above the maximum elevation of the ground-water table. The remainder of the wall shall be dampproofed in accordance with Section R406.2.2. Waterproofing shall consist of two-ply hot-mopped felts, not less than 6-mil (0.006 inch; 0.152 mm) polyvinyl chloride, 40-mil (0.040 inch; 1.02 mm) polymer-modified asphalt, 6-mil (0.006 inch; 0.152 mm) polyethylene or other approved methods or materials capable of bridging nonstructural cracks. Joints in the membrane shall be lapped and sealed in accordance with the manufacturer's installation instructions.

R406.3.2.1 Surface preparation of walls. Prior to the application of waterproofing materials on concrete or masonry walls, the walls shall be prepared in accordance with Section R406.2.2.1.

R406.3.3 Joints and penetrations. Joints in walls and floors, joints between the wall and floor, and penetrations of the wall and floor shall be made watertight utilizing approved methods and materials.

R406.4 Subsoil drainage system. Where a hydrostatic pressure condition does not exist, dampproofing shall be provided and a base shall be installed under the floor and a drain installed around the foundation perimeter. A subsoil drainage system designed and constructed in accordance with Section R406.1.3 shall be deemed adequate for lowering the ground-water table.

R406.4.1 Floor base course. Floors of basements, except as provided for in Section R406.1.1, shall be placed over a floor base course not less than 4 inches (102 mm) in thickness that consists of gravel or crushed stone containing not more than 10 percent of material that passes through a No. 4 (4.75 mm) sieve.

Exception: Where a site is located in well-drained gravel or sand/gravel mixture soils, a floor base course is not required.

R406.4.2 Foundation drain. A drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 (4.75 mm) sieve. The drain shall extend a minimum of 12 inches (305 mm) beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not higher than the bottom of the base under the floor, and that the top of the drain is not less than 6 inches (152 mm) above the top

of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of joints or the top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2 inches (51 mm) of gravel or crushed stone complying with Section R406.4.1 and shall be covered with not less than 6 inches (152 mm) of the same material.

R406.4.3 Drainage discharge. The floor base and foundation perimeter drain shall discharge by gravity or mechanical means into an approved drainage system that complies with the plumbing subcode (N.J.A.C. 5:23-3.15).

Exception: Where a site is located in well-drained gravel or sand/gravel mixture soils, a dedicated drainage system is not required."]

[ix.] v. (No change in text.)

5. Chapter 5, Floors, shall be amended as follows:

- i. [In] **At** Section [R502.11.4] **R502.12.4**, entitled "Truss Design Drawings," the second sentence shall be amended to insert "and truss layout drawings" after "Truss design drawings."
- ii. New Section [R502.11.5] **R502.12.5**, entitled "Truss Identification," shall be inserted as follows: "Each truss shall be labeled or otherwise indelibly marked at the factory with the individual truss number as assigned in the truss layout plan. The indelible marking or label shall be located on the bottom chord of the truss,

inside the bearing points. When indelible markings are used, each digit shall be not less than one inch high. When labels are used, the label shall be a minimum of five inches by three inches and shall be affixed to the truss by a truss plate. Labels shall remain affixed to the truss."

[iii. In Section R506.2.2, Base, in the exception, "Table R405.1" shall be deleted and "Table R406.1" shall be inserted.]

iii. Section R507.9.1.7 Existing walls, shall be deleted in its entirety.

6.-9. (No change.)

10. Chapter 11, Energy Efficiency, shall be amended as follows:

i. (No change.)

ii. [In] **At** Section N1101.6 (R202), Defined terms, the following definitions shall be deleted: Addition, Alteration, Building, **Construction Documents, Existing Building**, Historic Building, Repair, Reroofing, Residential Building, Roof Recover, Roof Repair, [and] Roof Replacement, **Substantial Improvement, and Work Area.**

iii.-vi. (No change.)

[vii. In Section N1104.1.1 (R404.1.1), Exterior lighting, delete "Section C405.4 of the International Energy Conservation Code--Commercial Provision" and replace with "Section 9.4.2 of the ASHRAE Standard 90.1".]

[viii.] **vii.** (No change in text.)

11.-14. (No change.)

15. Chapter 20, Boilers/Water Heaters, shall be amended as follows:

- i. At Section M2002.4.1, Requirements for discharge pipe, item 13,
“materials indicated in Section P2906.5 or” shall be deleted.

Recodify existing i.-ii. as **ii.-iii.** (No change in text.)

16.-18. (No change.)

19. Chapter 24, Fuel Gas, shall be amended as follows:

i.-ii. (No change.)

[iii. In Section G2404.3, Listed and labeled, in the first sentence, "Section R104.11" shall be deleted and "N.J.A.C. 5:23-3.7" shall be inserted. In addition, the last sentence shall be deleted.]

Recodify existing iv.-xiv. as **iii.-xiii.** (No change in text.)

20. At Chapters 25 through 28, **the subsections** shall be deleted [in their entirety] and ["Plumbing] **“The applicable** requirements under the scope of this subcode shall be regulated by the plumbing subcode, N.J.A.C. 5:23-3.15" shall be inserted **at each section title.**

21. (No change.)

22. At Chapters 30 through 33, **the subsections** shall be deleted [in their entirety] and ["Plumbing] **“The applicable** requirements under the scope of this subcode shall be regulated by the plumbing subcode, N.J.A.C. 5:23-3.15." shall be inserted **at each section title.**

23. At Chapters 34 through 43, **the subsections** shall be deleted [in their entirety] and ["Electrical] **“The applicable** requirements under the scope of this subcode shall be regulated by the electrical subcode, N.J.A.C. 5:23-3.16." shall be inserted **at each section title.**

24. Chapter 44, Referenced Standards, shall be amended as follows:

i. At the heading ICC, amend the following titles:

(1) At “IBC-24”, insert “, as adopted at N.J.A.C. 5:23-3.14, building subcode” after “Code”.

(2) At “IECC-24”, insert “, as adopted at N.J.A.C. 5:23-3.18, energy subcode” after “Code”.

(3) At “IFG-24”, insert “, as adopted at N.J.A.C. 5:23-3.22, fuel gas subcode” after “Code”.

(4) At “IMC-24”, insert “, as adopted at N.J.A.C. 5:23-3.20, mechanical subcode” after “Code”.

(5) Delete “IPC-24, International Plumbing Code” and insert “NSPC-24, National Standard Plumbing Code, as adopted at N.J.A.C. 5:23-3.15, plumbing subcode”. In addition, at the bottom of the ICC references, insert “NSPC-24 is non-ICC and is published by the International Association of Plumbing and Mechanical Officials”.**

ii. At the heading NFPA, amend the following titles:

(1) At “70-23”, insert “, as adopted at N.J.A.C. 5:23-3.16, electrical subcode” after “Code”.

[24.] 25. The Appendices and Resources shall be amended as follows:

[i. Appendix AA, Sizing and Capacities of Gas Piping; Appendix AB, Sizing of Venting Systems Serving Appliances Equipped with Draft Hoods, Category I Appliances, and Appliances Listed for Use with Type B Vents; and Appendix

AC, Exit Terminals of Mechanical Draft and Direct-Vent Venting Systems are informative and are not part of the one- and two-family dwelling subcode.

ii. Appendix AD, Recommended Procedure for Safety Inspection of an Existing Appliance Installation; Appendix AE, Manufactured Housing Used as Dwellings; Appendix AF, Radon Control Methods; and Appendix AG, Piping Standards for Various Applications, are deleted in their entirety.

iii. Appendix AH, Patio Covers, and Appendix AK, Sound Transmission, shall be adopted as part of this subcode.

iv. Appendix AI, Private Sewage Disposal; Appendix AJ, Existing Buildings and Structures; Appendix AL, Permit Fees; Appendix AM, Home Day Care--R-3 Occupancy; Appendix AN, Venting Methods; Appendix AO, Automatic Vehicular Gates; and Appendix AP, Sizing of Water Piping Systems, shall be deleted.

v. Appendix AQ, Tiny Houses; Appendix AR, Light Straw-Clay Construction; and Appendix AS, Strawbale Construction, shall be adopted as part of this subcode.

vi. Appendix AT, Solar-Ready Provisions—Detached One- And Two-Family Dwellings and Townhouses, shall be optional at the discretion of the permit applicant.

vii. Appendix AV, Board of Appeals, shall be deleted in its entirety.

viii. Appendix AW, 3D-Printed Building Construction, shall be adopted as part of this subcode. The Appendix shall be amended as follows:

(1) In Section AW103.2, Design approval, in the last line, "Section R104.11" shall be deleted, and "the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)" shall be inserted in its place.]

i. Adopted as part of this subcode: BB, Tiny Houses; BF, Patio Covers; BG, Sound Transmission; BI, Light Straw-Clay Construction; BJ, Strawbale Construction; BK Cob Construction (Monolithic Adobe); BL, Hemp-Lime (Hempcrete) Construction; BM, 3D-Printed Building Construction; and BN, Extended Plate Wall Construction.

ii. Informative and not part of this subcode: CA, Sizing and Capacities of Gas Piping; CB, Sizing of Venting Systems Serving Appliances Equipped with Draft Hoods, Category I Appliances and Appliances Listed for Use with Type B Vents.

iii. Optional at the discretion of the permit applicant: NB, Solar-Ready Provisions—Detached One- And Two-Family Dwellings and Townhouses; NC, Zero Net Energy Residential Building Provisions; ND, Electric Energy Storage Provisions; NE, Electric Vehicle Charging Infrastructure; NF, Alternative Building Thermal Envelope Insulation R-Value Options; NG, 2024 IECC Stretch Code; NH, Operational Carbon Rating and Energy Reporting; NI, On-Site Renewable Energy; NJ, Demand Responsive Controls; NK, Electric-Ready Residential Building Provisions; NL, Renewable Energy Infrastructure; Resource A, All-Electric Residential.

iv. Deleted in their entirety: AA, Board of Appeals; AB, Permit Fees; AC, Reserved; BA, Manufactured Housing Used as Dwellings; BC, Accessory

Dwelling Units (ADU); BD, Home Day Care Occupancy; BE Radon Control Methods; BH, Automatic Vehicular Gates; BO, Existing Building and Structures; CC, Recommended Procedure for Safety Inspection of an Existing Appliance Installation; CD, Piping Standards for Various Applications; CE, Venting Methods; CF, Sizing of Water Piping System; CG, Nonsewered Sanitation Systems; and CH, Private Sewage Disposal.

5:23-3.22 Fuel gas subcode

(a) Rules concerning the fuel gas subcode adopted are as follows:

1. Pursuant to authority [of] **at** P.L. 1975, c. 217, the Commissioner hereby adopts the model code of the International Code Council, Inc., known as the International Fuel Gas [Code/2021] **Code/2024**. This code is hereby adopted by reference as the fuel gas subcode for the State of New Jersey subject to the modifications at (b) below.

i. (No change.)

ii. The International Fuel Gas [Code/2021] **Code/2024** may be known and cited as the "fuel gas subcode."

2. Any references to the International Plumbing Code or the International Existing Building Code **throughout the code and** listed [in] **at** Chapter 8 shall be considered a reference to the appropriate plumbing subcode [in] **at** N.J.A.C. 5:23-[3]**3.15**, or rehabilitation subcode [in] **at** N.J.A.C. 5:23-6, **respectively**.

3. (No change.)

(b) The following chapters, sections or pages of the International Fuel Gas [Code/2021] **Code/2024** shall be amended as follows:

1. Chapter 1 of the fuel gas subcode, entitled "Scope and Administration," [is] **the subsections are deleted [in its entirety] and “The applicable administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23) shall apply.” shall be inserted at each section title, except that the “alternative materials” section shall state “The provisions of N.J.A.C. 5:23-3.7 shall apply.”.**

2. Chapter 2 of the fuel gas subcode, entitled "Definitions," is amended as follows:

i.-vii. (No change.)

viii. The definition of the term “peer review” is deleted.

[viii.] **ix.** (No change in text.)

3. Chapter 3 of the fuel gas subcode, entitled "General Regulations," shall be amended as follows:

i.-ii. (No change.)

[iii. In Section 301.6, Plumbing connections, "International Plumbing Code," shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)," shall be inserted.]

Recodify existing iv.-viii. as **iii.-vii.** (No change in text.)

4.-5. (No change.)

6. Chapter 6 of the fuel gas code, entitled "Specific Appliances," shall be amended as follows:

i. (No change.)

[ii. In Sections 624.1.1, Installation requirements, and 624.2, Water heaters utilized for space heating, "International Plumbing Code," shall be deleted and "plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.]

[iii.] **ii.** (No change in text.)

7. (No change.)

8. Chapter 8 of the fuel gas code, entitled "Referenced Standards," shall be amended as follows:

i. [Under] **At** the heading "ICC," amend the following titles:

(1) At **"IBC-24"**, insert **"**, as adopted at N.J.A.C. 5:23-3.14, building subcode**"** after **"Code."**

(2) At **"IECC-24"**, insert **"**, as adopted at N.J.A.C. 5:23-3.18, energy subcode**"** after **"Code."**

(3) At **"IMC-24"**, insert **"**, as adopted at N.J.A.C. 5:23-3.20, mechanical subcode**"** after **"Code."**

[(1)] (4) Delete **"IPC—21,"** **"IPC-24, International Plumbing Code[.]"** and insert **"NSPC-24, National Standard Plumbing Code, as adopted at N.J.A.C. 5:23-3.15, plumbing subcode."** In addition, at the bottom of the ICC references, insert **"**NSPC-24 is non-ICC and is published by the International Association of Plumbing and Mechanical Officials."**

(5) At **"IRC-24"**, insert **"**, as adopted at N.J.A.C. 5:23-3.21, one- and two-family dwelling subcode**"** after **"Code."**

ii. **At the heading "NFPA,"** amend the following titles:

(1) At **"70-23"** and insert **"**, as adopted at N.J.A.C. 5:23-3.16, electrical subcode**"** after **"Code."**

9. Appendices A[, B, and C] **and B** of the fuel gas subcode are informative and are not part of the subcode itself.

10. Appendix [D] **C** of the fuel gas subcode, entitled "Recommended Procedure for Safety Inspection of an Existing Appliance Installation," is deleted in its entirety.

11. Appendix [E] **D** of the fuel gas subcode, entitled "Board of Appeals," is deleted in its entirety.