

COMMUNITY AFFAIRS

DIVISION OF CODES AND STANDARDS

Uniform Construction Code

Adopted Subcodes

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

Proposed Repeal: N.J.A.C. 5:23-7.1 through 7.14 and 7.20

Authorized by: Richard E. Constable, III, Commissioner, Department of Community Affairs.

Authority: N.J.S.A. 52:27D-124.

Proposal Number: PRN 2015-

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

Submit written comments by: March 6, 2015 to:

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**RICHARD E. CONSTABLE, III,
Commissioner**

The agency proposal follows:

Summary

Under the State Uniform Construction Code (UCC) Act, the Commissioner of the Department of Community Affairs is charged with adopting model codes as part of the Uniform Construction Code (UCC). P.L. 1996, c.53 amended the UCC Act to give the 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.” In September 2010 , the Department adopted revisions to the 2009 editions of the International Building Code (IBC), International Residential Code (IRC), the National Standard Plumbing Code (NSPC), International Mechanical Code (IMC), International Fuel Gas Code (IFGC), and International Energy Conservation Code (IECC) as the building, one- and two-family dwelling, mechanical, fuel gas, and energy subcodes, respectively, of the UCC.

In order to implement the most recent published standards, the Department proposes to adopt the 2015 editions of the IBC, IRC, IMC, IFGC, and IECC as well as the 2014 edition of the National Electrical Code to update the above referenced subcodes of the UCC. These proposed amendments reflect the modifications to the IBC/2015, IRC/2015, IMC/2015, IFGC/2015, IECC/2015 and NEC/2014 that the Department is proposing to adopt and that have been reviewed by the Uniform Construction Code Advisory Board and its subcode committees.

Throughout this code proposal, where section numbers in the model code have been changed, with no change in code text or requirements, or where the title of a section in the model code has been changed, with no change in code text or requirements, or where code text was added to a model code that is being deleted from the UCC with no change in the UCC requirements, those updates would be made without individual identification. Also, references to Chapter 1 or to sections in Chapter 1 would be deleted. Chapter 1 contains administrative provisions. The Uniform Construction Code has its own administrative provisions; therefore, the

administrative provisions of the International Code Council's model codes are neither proposed nor adopted for use in New Jersey. Finally, wherever used in the national model code, the term "building official" would be replaced with the term "construction official" or "design professional," as applicable. The term "Registered Design Professional" in charge of work would be amended to "Person" in charge of work, and each technical code official, including, but not limited to, "building code official," "plumbing code official," "fire code official," would be changed to "building subcode official," "plumbing subcode official," or "fire protection subcode official," as applicable.

This rule proposal contains a major change in the formatting of the accessibility requirements for construction in New Jersey. The Department is proposing to adopt Chapter 11, Accessibility, of the IBC/2015, with amendments to ensure that New Jersey law is met. The parallel provisions of N.J.A.C. 5:23-7 are proposed for repeal. There are no changes in requirements, but there are some amendments which, because they might appear to be extensive, would benefit from explanation.

The ICC has made an effort to ensure that the provisions of Chapter 11 comply with those of the Americans with Disabilities Act (ADA). There are two changes in this rule proposal that result from that initiative. In both the ADA and the Barrier Free Subcode, fifty (50) percent of the entrances of non-residential buildings have been required to be accessible; in 2010, the ADA was amended and now requires that 60% of the building entrances be accessible. That change is included in Chapter 11 and is included in this rule proposal. Similarly, the ADA and the Barrier Free Subcode each required that one in every eight accessible parking spaces were required to be van accessible. A van accessible parking space has a larger access aisle, which allows the deployment of the platform lift that is used to access or exit the van. In 2010, the

ADA was amended to require that one in every six accessible parking spaces be van accessible. That change is included in Chapter 11 and is included in this rule proposal.

The ICC is submitting Chapter 11 to the United States Department of Justice (US DOJ) for an equivalency review. It should be noted that the Department submitted the Barrier Free Subcode for such a review in 1996 and has kept the US DOJ informed of each subsequent regulatory update. Despite maintaining regular contact with the US DOJ, the Federal review is not yet completed. A determination of equivalency is of importance to the design professionals and commercial building owners in New Jersey because, once a determination of equivalency is made, projects that comply with New Jersey's accessibility standards will be presumed to comply with the ADA. That means that, in the event of a complaint, the complainant would have to demonstrate that the design of the building resulted in discrimination through denial of access. Currently, without a determination of equivalency, the burden is on the building owner to demonstrate that the building does not cause a denial of access. The shift in the demonstrable burden is of importance to New Jersey's construction community; adopting the Chapter 11 joins New Jersey's application with that of the ICC.

It is important to note that there is no such determination of equivalency for multifamily residential buildings that are subject to the Federal Fair Housing Amendments Act rather than the ADA. However, the United States Department of Housing and Urban Development (US HUD) has made a determination that compliance with the ANSI A117.1 technical standard of accessible design provides a "safe harbor" for compliance with that Federal civil rights law. By continuing to adopt the ICC/ANSI A117.1 technical standard for accessible design, New Jersey's code users receive the benefit of that safe harbor.

A section-by-section, code-by-code summary follows:

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

1. At N.J.A.C. 5:23-3.14(a)1, references to the International Building Code 2009 (IBC/2009) would be changed to reference the International Building Code 2015 (IBC/2015).

2. At N.J.A.C. 5:23-3.14(a)2, the reference to ICC/ANSI A117.1 is proposed for deletion from this section as this proposal includes the adoption of Chapter 11, Accessibility, which would make this amendment to the UCC no longer required.

3. Terms that were not defined in Chapter 2, Definitions, of the IBC/2009 and were defined in other chapters have been relocated to Chapter 2 for the IBC/2015. Therefore, the following changes have been made:

a. At N.J.A.C. 5:23-3.14(b)2vii, the definition of “change of occupancy” would be deleted as this term is defined in the Rehabilitation Subcode (N.J.A.C. 5:23-6)

b. At N.J.A.C. 5:23-3.14(b)2viii, the definition of “Congregate living facilities” would be deleted as this term would not be included in the list of Residential occupancies in Chapter 3.

c. At N.J.A.C. 5:23-3.14(b)2ix, the definition of “custodial care” would be amended to include enforceable evacuation standards in place of the broader reference to “evacuate at a slower rate.”

d. At N.J.A.C. 5:23-3.14(b)2x, the definition of “deferred submittal” would be deleted as this concept is addressed N.J.A.C. 5:23-2.15(f)1xi. and this term is not used.

e. At N.J.A.C 5:23-3.14(b)2xi, the amendment to the definition of the term “dwelling unit” would be relocated to be in alphabetical order and is currently located at N.J.A.C. 5:23-3.14(b)viii.

f. At N.J.A.C. 5:23-3.14(b)2xii, the amendment to the definition of the term “Evacuation, impractical” would be relocated from N.J.A.C. 5:23-3.14(b)3vii.

g. At N.J.A.C. 5:23-3.14(b)2xiii, the amendment to the definition of the term “Evacuation, slow” would be relocated from N.J.A.C. 5:23-3.14(b)3ix.

h. At N.J.A.C. 5:23-3.14(b)2xv, the definition of “foster care facilities” would be deleted as this term would not be included in the list of Residential occupancies in Chapter 3.

i. At N.J.A.C. 5:23-3.14(b)2xvi, the definition of “guest room” would be deleted as this term would not be included in the list of Residential occupancies in Chapter 3.

j. At N.J.A.C. 5:23-3.14(b)2xviii, the definition of the term “incapable of self-preservation” would be deleted and in its place would be enforceable evacuation standards in the amendment to the term “evacuation, impractical” above.

k. At N.J.A.C. 5:23-3.14(b)2xix, the amendment that deleted the definition of the term “jurisdiction” would be relocated to N.J.A.C 5:23-3.14(b)xix to be in alphabetical order.

l. At N.J.A.C. 5:23-3.14(b)2xx, the definition of “lodging house” would be deleted as this term would not be included in the list of Residential occupancies in Chapter 3.

m. At N.J.A.C. 5:23-3.14(b)2xxi, the amendment to the definition of the term “Merchandise Pad” would be relocated from N.J.A.C 5:23-3.14(b)10ii.

n. At N.J.A.C. 5:23-3.14(b)2xxiv, the amendment that deleted the definition of the term “repair” would be relocated to N.J.A.C 5:23-3.14(b)xxviii to be in alphabetical order.

o. At N.J.A.C 5:23-3.14(b)xxv, the definition of the term “personal care service” would be deleted as this term would not be used in Chapter 3.

p. At N.J.A.C. 5:23-3.14(b)2xxvi, the amended definition of the term “radioactive material” would be relocated from N.J.A.C. 5:23-3.14(b)3iv.

q. At N.J.A.C. 5:23-3.14(b)2xxix, the amended definition of the term “Residential Health Care Facility” would be included from N.J.A.C. 5:27A-1.3.

r. At N.J.A.C. 5:23-3.14(b)2xxx, the amended definition of the term “Rooming house” would be relocated from N.J.A.C 5:23-3.14(b)iv.

s. At N.J.A.C. 5:23-3.14(b)2xxxii, the amended definition of the term “Single Residential Occupancy” would be relocated from N.J.A.C. 5:23-3.14(b)4v.

t. At N.J.A.C. 5:23-3.14(b)2xxxiii, the amended definition of the term “Special Inspector” would be relocated from N.J.A.C. 5:23-3.14(b)17ii and iii.

u. At N.J.A.C. 5:23-3.14(b)2xxxiii, the definition of the term “Start of construction” would be deleted as this term is not used in the Uniform Construction Code or the adopted subcodes.

v. At N.J.A.C. 5:23-3.14(b)2xxxv, the definition of the terms “substantial improvement” and “substantial damage” would be deleted as these terms are not used in this subcode.

w. At N.J.A.C. 5:23-3.14(b)2xxxvi, the definition of the term “Type B Unit” would be deleted as this term is not used in this subcode.

x. At N.J.A.C. 5:23-3.14(b)xv, the current amendment to delete all terms and definitions from Chapter 11 would be deleted. Chapter 11 would be included in the building subcode as part of this proposal.

4. The existing amendment at N.J.A.C. 5:23-3.14(b)3i and all subsequent references to Chapter 11 would be deleted because Chapter 11 would be included in the building subcode as part of this proposal.

5. The existing amendment at N.J.A.C. 5:23-3.14(b)3ii, to delete Dance hall (not including food or drink consumption) in Group A-3 and insert “Dance Halls” into Group A-2 would be deleted. A dance hall with food or drink consumption would be considered a “banquet hall”, a “restaurant”, a “tavern” or a “bar”; all of which are now listed in the Group A-2 occupancy. A “dance hall (not including food or drink consumption)” would be appropriately classified as a Group A-3.

6. At N.J.A.C. 5:23-3.14(b)3iv, the proposed amendment would retain the language of the IBC/2009 to delete a vague reference to “self-preservation” and to retain a

quantifiable evacuation standard, which provides for uniform understanding and enforcement. There are companion changes at N.J.A.C. 5:23-3.14(b)3vi, ix, and xvi to ensure consistency in the understanding and application of the requirements for occupancies of Group I and Group R-4.

7. At N.J.A.C. 5:23-3.14(b)3v, the terms added to Chapter 2 would be added to the list in Section 308.2.

8. At N.J.A.C. 5:23-3.14(b)3viii, in Section 308.4.2, Five or fewer persons receiving medical care, for residential occupancies within the scope of this section, the allowance for a NFPA 13D sprinkler system would be deleted and a NFPA 13 system would be inserted. This amendment would retain the current level of protection required by the IBC/2009.

9. The existing amendments at N.J.A.C. 5:23-3.14(b)3viii and ix, would be deleted as a result of amendments to the text of 2015/IBC. The requirements would remain consistent with the 2009/IBC.

10. At N.J.A.C. 5:23-3.14(b)3x, the current amendment to Group E occupancies would be deleted and a new amendment would be inserted resulting in the current requirement being retained.

11. The existing amendment at N.J.A.C. 5:23-3.14(b)3xi referring to Group R occupancies would be deleted. New amendments at N.J.A.C. 5:23-3.14(b)3xii - xvii would retain the current requirements for these types of occupancies.

12. The existing amendments at N.J.A.C. 5:23-3.14(b)4 would be deleted as all of the definition amendments would be relocated to Chapter 2 of the 2015/IBC.

13. The existing amendment at N.J.A.C. 5:23-3.14(b)5ii and iii and any subsequent amendments relative to standby power and emergency power would be deleted. The requirements for standby power and emergency power in Section 2702 would be included as part of the building subcode by this proposal.

14. The existing amendment at N.J.A.C. 5:23-3.14(b)5vi would be deleted. The text of the IBC/2015 regarding the required separation between a dwelling unit and an attached garage is now consistent with the amendment, thus the amendment would no longer be necessary.

15. The existing amendment at N.J.A.C. 5:23-3.14(b)10xxvii would be moved to N.J.A.C. 5:23-3.14(b)4iii for numbering consistency because this provision, which addresses exit access through care suites, was moved from Section 1014.5 in the IBC/2009 to Section 407.4.4.1 of the IBC/2015. There is no change in requirements.

16. At N.J.A.C. 5:23-3.14(b)4iv, the reference to Chapter 27 of the IBC/2015, entitled Electrical Systems would be deleted and a reference to the “electrical subcode” would be inserted. Chapter 27, with the exception of Section 2702, entitled Emergency and standby power systems, would be deleted as part of this proposal.

17. The existing amendment at N.J.A.C. 5:23-3.14(b)5viii would be deleted because the section being amended, 412.3.5, does not exist in the 2015/IBC.

18. The existing amendment at N.J.A.C. 5:23-3.14(b)5xii would be deleted because the reference “Chapter 28” has been changed to the “International Mechanical Code,” which is adopted as the mechanical subcode. Therefore, this amendment is no longer required.

19. At N.J.A.C. 5:23-3.14(b)4vii, the reference to Chapter 29, “plumbing” would be proposed for deletion and a reference to “the plumbing subcode” would be inserted.

20. At N.J.A.C. 5:23-3.14(b)5ii(1), the requirements for utility occupancies in this table would be proposed for deletion because requirements for utility occupancies are deleted throughout the building subcode.

21. At N.J.A.C. 5:23-3.14(b)5ii(3), (4), (5), (6), (7), (8) and (9), reference to NS (non-sprinklered) would be deleted. All newly-constructed High hazard (H), Institutional (I) and Residential (R) occupancies, except detached one- and two-family dwellings and attached single-family townhouses, are required to be provided with an automatic fire sprinkler system. The reference to NS in Table 504.3, Allowable Building Height in feet above grade plane, is intended to apply to existing buildings. Because the Rehabilitation Subcode (N.J.A.C. 5:23-6) regulates existing buildings and has no reference to this table, the NS line is not necessary.

22. At N.J.A.C. 5:23-3.14(b)5iii(2), (3), (4), (5), (6), (7), (8), (9), (11), (12), (13), (15), (17), (19), (20), (21), (22), (23), (24) and (25), multiple amendments would be made to Table 504.4, Allowable number of stories above grade. In the 2009/IBC, Table 503, Allowable building heights and building areas, contained all of the amendment made to this table. These amendments would be made to provide consistency with the requirements of the 2009/IBC.

23. At N.J.A.C. 5:23-3.14(b)5iii(1), (10), (14) and (18), reference to NS (non-sprinklered) would be deleted. All newly-constructed High hazard (H), Institutional (I) and Residential (R) occupancies, except detached one- and two-family dwellings and

attached single family townhouses, are required to be provided with an automatic fire sprinkler system. The reference to NS in Table 504.4, Allowable number of stories above grade plane, is intended to apply to existing buildings. Because the Rehabilitation Subcode (N.J.A.C. 5:23-6) regulates existing buildings and has no reference to this table, the NS line is not necessary.

24. At N.J.A.C. 5:23-3.14(b)5iv(4), (6) and (7), multiple amendments would be made to Table 506.2, Allowable area factor in square feet. In the 2009/IBC, Table 503, Allowable building heights and building areas, contained all of the amendment made to this table. These amendments would be made to provide consistency with the requirements of the 2009/IBC.

25. At N.J.A.C. 5:23-3.14(b)5v(1), (2), (3) and (5), reference to NS (non-sprinklered) would be deleted. All newly-constructed High hazard (H), Institutional (I) and Residential (R) occupancies, except detached one- and two-family dwellings and attached single family townhouses, are required to be provided with an automatic fire sprinkler system. The reference to NS in Table 504.4, Allowable number of stories above grade plane, is intended to apply to existing buildings. Because the Rehabilitation Subcode (N.J.A.C. 5:23-6) regulates existing buildings and has no reference to this table, the NS line is not necessary.

26. The existing amendment at N.J.A.C. 5:23-3.14(b)6iii would be deleted because these requirements would be included in the revisions to Table 504.3, Allowable, building height in free above grade plane, footnote i at N.J.A.C. 5:23-3.14(b)5ii(2) and to Table 504.4, Allowable number of stories above grade plane, footnote i at N.J.A.C. 5:23-3.14(b)5iii(16).

27. The existing amendment at N.J.A.C. 5:23-3.14(b)6v would be deleted because the open space limitation would be included in Section 506.3.2 of the IBC/2015.

28. At N.J.A.C. 5:23-3.14(b)6i, the portion of the existing amendment to Note b of Table 602 would be deleted because this table in the IBC/2015 does not contain this note.

29. At N.J.A.C. 5:23-3.14(b)7iii and v, the requirements for utility occupancies in this section and table would be proposed for deletion because requirements for utility occupancies are deleted throughout the building subcode.

30. The existing amendment at N.J.A.C. 5:23-3.14(b)8vi would be deleted because of a reformatting of the IBC/2015. The allowance for unenclosed exit stairs, which was part of Section 708.2, has been deleted. The code now allows unenclosed exit access stairs. This concept would be part of the building subcode in Section 1019, Exit access stairways and ramps.

31. The existing amendment at N.J.A.C. 5:23-3.14(b)8vii would be moved to N.J.A.C. 5:23-3.14(b)21ix because the elevator lobby requirements which was at Section 708.14.1 of the IBC/2009 has been moved to Section 3006.2. See number 128 of this summary for an explanation of the changes to this section.

32. The existing amendment at N.J.A.C. 5:23-3.14(b)8viii would be moved to N.J.A.C. 5:23-3.14(b)21x and N.J.A.C. 5:2-3.14(b)8lvi because the pressurization alternative in elevator hoistways, which was at Section 708.14.2 of the IBC/2009, has been moved to Sections 909.21 and 3006.3 of the IBC/2015. There is no change in requirements.

33. The existing amendment at N.J.A.C. 5:23-3.14(b)9iii would be deleted because Section 901.6.3, Group H, of the IBC/2015 no longer references a code official.

34. At N.J.A.C. 5:23-3.14(b)8vi, the proposed amendment is made necessary by changes in the wording of the IBC/2015. With the proposed amendment, the requirements as they exist in the building subcode would remain unchanged.

35. At N.J.A.C. 5:23-3.14(b)8vii, in Section 903.2.11.1, Stories without openings, the reference to IBC/2015, Sections 1009 and 1010 could lead to a misapplication of the windowless story provisions. These sections of the IBC/2015 illogically reference interior stairs, rather than exterior stairs, to provide an exit from the windowless story; therefore, to retain the requirements of the building subcode as adopted in 2006, the proposed amendment would reference the requirements of Section 1027, Exterior exit stairways and ramps.

36. At N.J.A.C. 5:23-3.14(b)8ix, x, xxxiii, xl and lxvi, the reference to “fire code official” would be deleted and “fire protection subcode official” would be inserted. The “fire protection subcode official” would be regulatory authority responsible for the enforcement of these provisions.

37. At N.J.A.C. 5:23-3.14(b)8xii, the text of Section 903.3.8, Limited area sprinkler systems, the IBC/2015 would be deleted and the text of Section 903.3.5.1.1 of the IBC/2009 would be inserted. The IBC/2015 reduces the maximum number of sprinkler heads for a limited area sprinkler system to 6 when the maximum number in the IBC/2009 was 20. This reduction is overly restrictive and by inserting the text of the IBC/2009, the requirements will remain unchanged.

38. At N.J.A.C. 5:23-3.14(b)8xiii, the amendment to exception #2 of Section 903.4, Sprinkler system supervision and alarms, would delete a cross reference to one of the code sections being deleted at N.J.A.C. 5:23-3.14(b)8xii, Limited area sprinkler systems.

39. At N.J.A.C. 5:23-3.14(b)8xvii, xviii, xix, xx, xxi and xxii, the amendments would delete the requirement for the records of the inspections and testing to be maintained. Records retention is regulated at N.J.A.C. 5:23-2.16A.

40. At N.J.A.C. 5:23-3.14(b)8xxiii, in Section 904.11.1.3, Water supply protection, the reference to “International Plumbing Code” would be proposed for deletion and a reference to “the plumbing subcode” would be inserted.

41. At N.J.A.C. 5:23-3.14(b)8xxiv, in the exception to Section 905.2.1, Piping design, and Section 905.2.2.1, Automatic water supply, the amendments would provide for the use of a sprinkler system installed in accordance with NFPA13R as applicable and would make clear that, in order to apply these exception, the building must be provided with an automatic sprinkler system and have floor levels not more than 150 feet in height from the lowest level of fire department vehicle access. Additionally, Section 905.2.2.2, Interconnection and Section 905.2.3, Control valve, would be deleted because these requirements are contained in NFPA 14, which would be referenced as part of this proposal.

42. At N.J.A.C. 5:23-3.14(b)8xxx, the existing amendment to delete Section 905.4.2, Interconnection, would be deleted. The requirements of the NFPA 14, which would be referenced as part of this proposal, are consistent with the current requirements; therefore,

this amendment is no longer necessary. The added section, entitled Location, would be renumbered.

43. The existing amendment at N.J.A.C. 5:23-3.14(b)9xxxiii, to Section 905.6.2, Interconnection, would be deleted because these requirements are contained in NFPA 14, which would be referenced as part of this proposal.

44. At N.J.A.C. 5:23-3.14(b)8xxxii, the amendment to Section 906.1, Fire extinguishers, where required, would be deleted because the reference to “existing” buildings is no longer in the IBC/2015. In addition, the current requirements of the building subcode, which provide an exception from fire extinguishers for buildings of Group A, B and E occupancies that are equipped with quick response sprinklers, would be retained because sprinklers provide a level of protection that exceeds that of fire extinguishers.

45. Due to the requirement for alarms in Group A-2 nightclubs that is being retained at N.J.A.C. 5:23-3.14(b)8xxxvii, Section 907.2.1.2, Emergency voice/alarm communication captions, in the IBC/2015 would be renumbered as Section 907.2.1.3

46. At N.J.A.C. 5:23-3.14(b)8xxxviii, a portion of the current amendment to Section 907.2.3, Group E, is proposed for deletion as there is no longer “Exception #2.5” within this section of the IBC/2015.

47. At N.J.A.C. 5:23-3.14(b)8xliv, the current amendment to delete Section 907.5.2.3.2, Employee work area, is proposed for deletion because this requirement is no longer a part of the IBC/2015. Additionally, the requirements of Section 907.6.6.2,

Termination of monitoring service, would be deleted because this is a maintenance issue that is regulated by the Uniform Fire Code, N.J.A.C 5:70.

48. At N.J.A.C. 5:23-3.14(b)8l, in Section 909.12.1, Verification, the reference to “building official” would be deleted and “fire protection subcode official” would be inserted. The “fire protection subcode official” would be regulatory authority responsible for the enforcement of this provision.

49. At N.J.A.C. 5:23-3.14(b)8li, in Section 909.15, Control diagrams, the amendment to delete “in a format and manner approved by the fire chief” would cause the enforcement of this provision to default to the “fire protection subcode official”, the correct regulatory authority responsible for the enforcement of this provision.

50. At N.J.A.C. 5:23-3.14(b)8lvii, in Section 910.1, General, the amendment to insert “or otherwise installed” in the first line would retain the current code requirements for electively installed smoke and heat vents.

51. The existing amendment at N.J.A.C. 5:23-3.14(b)9xlvi, inserting Section 910.2.3, Exit access travel distance increase, of the IBC/2006 would be deleted. The exit access travel distance increase would be allowed by Section 1017.2.2 of the IBC/2015 without a requirement for smoke and heat vents.

52. At N.J.A.C. 5:23-3.14(b)8lviii and lxi, in Section 911.1, Location and access, and Section 912.3, Location, the reference to “fire chief” would be deleted and “fire protection subcode official” would be inserted. The “fire protection subcode official” would be regulatory authority responsible for the enforcement of this provision. In

Section 912.3, the location of the Fire Department Connection would require consultation with the fire chief.

53. At N.J.A.C. 5:23-3.14(b)8lxii and lxxviii, in Section 912.2.1, Visible location, and Section 912.4.2, Clear space around connections, the amendment would delete “or as otherwise approved by the fire chief” relative to the location of the fire department connection and the clear space around the fire department connection. The authority having jurisdiction for construction is the fire protection subcode official. Any deviation from the specific requirements of the IBC/2015 must be dealt with through the variation process provided for at N.J.A.C. 5:23-2.9.

54. At N.J.A.C. 5:23-3.14(b)8lxvi, in Section 912.4, Access, the amendment would renumber the section and amend the requirement for access to the fire department connection be approved by the fire chief. The “fire protection subcode official” would be regulatory authority responsible for the enforcement of this provision.

55. Due to the requirement for Connections that is being retained at N.J.A.C. 5:23-3.14(b)8lx and Height at N.J.A.C. 5:23-3.14(b)8lxiv, at N.J.A.C. 5:23-3.14(b)8lxix, Section 912.4.3 and at N.J.A.C. 5:23-3.14(b)8lxx, Section 912.5, Signs, in the IBC/2015 would be renumbered as Section 912.4.3 and Section 912.7 respectively.

56. At N.J.A.C. 5:23-3.14(b)8lxxiii, Section 913.2.2, Circuits supplying fire pumps, would be deleted. The requirements for these circuits are contained in Article 695.3 of the electrical subcode.

57. At N.J.A.C. 5:23-3.14(b)8lxxv, in Section 915.1, General, the amendment would delete the reference to the “International Fire Code” for this installation of carbon

monoxide detectors in existing buildings. These requirements are contained in the Rehabilitation Subcode at N.J.A.C. 5:23-6.

58. At N.J.A.C. 5:23-3.14(b)9iv, the amendment would delete the maximum floor area allowance per occupant of swimming pools and decks. These requirements that establish the minimum occupant load for pools and their surrounding decks are regulated by the “International Swimming Pool and Spa Code” that would be adopted by reference at N.J.A.C. 5:23-3.13(b)21iv.

59. At N.J.A.C. 5:23-3.14(b)9vi, the amendment to Section 1006.2.1, Egress based on occupant load and common path of egress travel distance would be relocated from N.J.A.C. 5:23-3.14(b)10xxxiv. There is no change in the requirement.

60. At N.J.A.C. 5:23-3.14(b)9vii, the amendment to Table 1006.3.2(2), Stories with one exit or access to one exit from other occupancies, would be relocated from N.J.A.C. 5:23-3.14(b)10xxxv. There is no change in the requirement.

61. At N.J.A.C. 5:23-3.14(b)9ix, in Section 1009.4, Elevators, the reference to Chapter 27 of the IBC/2015, entitled Electrical Systems would be deleted and a reference to the “electrical subcode” would be inserted. Chapter 27, with the exception of Section 2702, entitled Emergency and standby power systems, would be deleted as part of this proposal.

62. At N.J.A.C. 5:23-3.14(b)9xiii and xiv, exception 5 of Section 1010.1.5, Floor elevation, and exception 2 of Section 1010.1.7, Thresholds, would be deleted. These exceptions provide an exception for Type B dwelling units that are deleted by this proposal to the building subcode. Therefore, this exception is proposed for deletion.

63. At N.J.A.C. 5:23-3.14(b)9xvi, the amendment to Section 1010.1.9.3, Locks and latches, would allow assembly occupancies with an occupant load of 300 or less, other than nightclubs, to have a key operated locking device on the main entry door. The door is required to remain unlocked when the space is occupied. Currently, this option is deleted for all assembly occupancies thus limiting the ability of the owner to secure the building. This amendment would provide for a cost effective way to secure the front entry of assembly occupancies while affording the same level of life safety. The existing requirements would remain for Group A nightclubs.

64. The existing amendment at N.J.A.C. 5:23-3.14(b)10xvii is proposed for deletion to correct an error. When the Department adopted the IBC/2000, the summary stated that “The Department believes these types of locking mechanisms [delayed egress locks] are not appropriate in educational occupancies.” However, because the text is written in the negative, by deleting Group E from the list, the Department was actually allowing the locks to be installed in Group E occupancies. This proposal corrects that oversight.

65. The existing amendment at N.J.A.C. 5:23-3.14(b)10xviii, to Section 1008.1.9.8, Electromagnetically locked egress doors, would be deleted. The current building subcode prohibits the installation of these devices. As a result, locking arrangements that were intended for main entry doors are being improperly installed on other egress doors. With this amendment, these devices will be permitted to be installed on all types of egress doors.

66. At N.J.A.C. 5:23-3.14(b)9xvii, Panic and fire exit hardware, the amendment would include the text of the exception allowing Group A occupancies, other than nightclubs, with an occupant load less than 300 to be exempt from the panic hardware

requirement for the main entry door. This would provide for consistency with the amendment discussed in Item #63 above. The existing requirements would remain for Group A nightclubs. Additionally, the amendment to delete “1,200” and insert “800” would provide for consistency with Section 110.26(c)(3) of the 2015 National Electrical Code (NEC/2015) as the NEC/2015 requires panic hardware on doors from rooms containing equipment rated a 800 amperes.

67. The existing amendment at N.J.A.C. 5:23-3.14(b)10xxi, to Section 1009.11, Ship ladders, would be deleted because language consistent with the amendment has been included in the IBC/2015.

68. At N.J.A.C. 5:23-3.14(b)9xxiii, in Section 1015.3, Height, the text of the IBC/2015 has been reworded. The amendment would retain the current code requirements for guard height in Group R-3 occupancies and within dwelling units of Group R-2 occupancies. The proposal would delete the scoping text for porches, balconies raised floor surfaces located more than 30 inches above the floor or grade below because this scoping is now provided in Section 1015.2, When required, of the IBC/2015.

69. At N.J.A.C. 5:23-3.14(b)9xxiv, Section 1015.8, Window sills, is proposed for amendment to retain the current requirements from Section 1403.13.2, Window sills, of the IBC/2009. This would retain the requirement for a window guard for a window with sill height of 24 inches and less as opposed to 36 inches and less, as required in the IBC/2015. This will also provide for consistency with the requirements of Section R312.2.1 of the IRC/2015, Window sills, which establishes the requirement for window guards for windows with a sill height of 24 inches and less.

70. The existing amendment at N.J.A.C. 5:23-3.14(b)10xxxix, would be deleted. Exception #3 and #4 to the travel distance limitations are not included in the IBC/2015.

71. The existing amendments at N.J.A.C 5:23-3.14(b)10xxx and xxxi would be deleted. These amendments provided for an increased travel distance in one-story Group F-1 and S-1 buildings provided with smoke and heat vents. Section 1017.2.2 of the IBC/2015 provides for the increased travel distance without smoke and heat vents, therefore these amendments are no longer necessary.

72. At N.J.A.C. 5:23-3.14(b)9xxv, the existing text would be modified to retain existing requirements by identifying the location of the modification to Table 1020.1, Corridor Fire Resistance Rating. There is no change in code requirements.

73. The existing amendment at N.J.A.C. 5:23-3.14(b)10xxxvi is proposed for deletion as a result of the reorganization of Section 1022.1, Exit enclosures, in the IBC/2015. These requirements used to be made part of the UCC through amendment. Because the IBC/2015 now includes them, amending the building subcode is no longer necessary; the requirements of the UCC remain unchanged.

74. At N.J.A.C. 5:23-3.14(b)9xxvii, in Section 1029.2, Assembly main exit, the references to Group A in the IBC/2009 have been changed to “used for assembly purposes” in IBC/2015. This is a change in wording without a commensurate change in meaning and with no change in requirements.

75. At N.J.A.C. 5:23-3.14(b)10i, in Section 1101.1, Scope, direction would be added to emphasize that accessible buildings for people with disabilities, whether they are “occupants, employees, consumers, students, spectators, participants, or visitors.”

76. At N.J.A.C. 5:23-3.14(b)10ii, in Section 1101.2, Design, the list of amendments being proposed to the ICC/ANSI A117.1-09 would be relocated from N.J.A.C. 5:23-7.2(b); it includes the following:

a. The amendment at Section 105.2, Documents, would be relocated from N.J.A.C. 5:23-7.2(b)2. Section 105.2 in the existing text has a different title, Standards, but the text being amended is the same. The edition of the standard adopted by reference would be deleted and the statement “adopted by reference in this subcode” would be inserted.

b. In Section 106.5, Definitions, the amendment to delete the definition of “administrative authority” would be relocated from N.J.A.C. 5:23-7.2(b)3 with no change in requirements.

c. The amendment to delete Chapter 2, Scoping, would be relocated from N.J.A.C. 5:23-7.2(b)4 with no change in requirements.

d. The amendment to Section 410.5.2, establishing the size of a platform lift that has a door on one end and another door on the side, would be relocated from N.J.A.C. 5:23-7.2(b)7 with no change in requirements.

e. The amendment to delete references to and requirements for Type B dwelling units in Section 604.5.2, Rear wall grab bars, would be relocated from N.J.A.C. 5:23-7.2(b)13. Type B dwelling units are not adopted as part of the accessibility requirements in New Jersey.

f. The amendment to delete the requirements for water temperature from Section 607.8 and 608.8 would be relocated from N.J.A.C. 5:23-7.2(b)16 and 17. Water temperature is established in the plumbing subcode.

g. The amendment to delete Section 611.3, operable parts, and Section 611.4, height, from Section 611, Washing machines and clothes dryers, would be relocated from N.J.A.C. 5:23-7.2(b)19. The selection of home appliances is beyond the jurisdiction of the Uniform Construction Code; the requirement to provide clear floor space is retained.

h. The amendment to delete Sections 804.6.2, Operable parts, 804.6.3, Dishwasher, 804.6.4, Range or cooktop, 804.6.5, Oven, and 805.6.6, Refrigerator/freezer would be relocated from N.J.A.C. 5:23-7.2(b)22. The selection of home appliances is beyond the jurisdiction of the Uniform Construction Code; the requirement to provide clear floor space is retained.

i. The amendment to Section 1002.3.1, Location, to delete the word “unfinished” in two places would be relocated from N.J.A.C. 5:23-7.2(b)23 and 27. The current provision of the Barrier Free Subcode to exempt basements and attics, whether finished or unfinished, from accessible route requirement would be retained. There is no requirement to provide a vertical accessible route within a multi-story dwelling unit, so finishing a basement or attic should not trigger such a requirement.

j. The amendment to Section 1002.15.2, Bed frames, that would require an accessible bed in an accessible guestroom in a hotel or motel (Group R-

1) would be relocated from N.J.A.C. 5:23-7.11(d)1 with no change in requirements.

k. The amendment to Section 1003.3.1, Accessible route, dwelling unit, to retain the exception for an accessible route to an exterior patio or deck would be relocated from N.J.A.C. 5:23-7.2(b)26 with no change in requirements.

l. The amendment to delete Section 1003.10, Laundry equipment, would be relocated from N.J.A.C. 5:23-7.2(b)29. The selection of home appliances is beyond the jurisdiction of the Uniform Construction Code; the requirement to provide clear floor space is retained.

m. Section 1003.11.2.5.2, Shower, would be amended to allow the installation of an adaptable shower threshold would be relocated from N.J.A.C. 5:23-7.2(b)32 with no change in requirements.

n. The amendment to Section 1103.12.3.1, Work surface, Clear floor space, Exceptions, to allow cabinetry that is constructed to be adaptable to be “replaced as a unit” would be relocated from N.J.A.C. 5:23-7.2(b)33 with no change in requirements.

o. The amendment to Section 1103.12.3.2, Work surface, Height, to establish the requirements for an adaptable work surface would be relocated from N.J.A.C. 5:23-7.2(b)34 with no change in requirements.

p. The amendments to Sections 1003.12.4.1, Sink, clear floor space, and 1003.12.4.2, Sink, height, which establishes a standard of adaptability, would be relocated from N.J.A.C. 5:23-7.2(b)35 and 36 with no change in requirements.

q. The amendment to Section 1003.12.5, Appliances, in which references to operable parts (Section 1003.12.5.1), dishwasher (Section 1003.12.5.3), range or cooktop (Section 1003.12.5.4), oven (Section 1003.12.5.5) and refrigerator/freezer (Section 1103.12.5.6) would be relocated from N.J.A.C. 5:23-7.2(b)39. The selection of home appliances is beyond the jurisdiction of the Uniform Construction Code; the requirement to provide for clear floor space would be retained.

r. The amendment to delete Section 1004, Type B dwelling units, would be relocated from N.J.A.C. 5:23-7.2(b)41. As discussed above, Type B dwelling units do not constitute usable accessible or adaptable dwelling units and do not meet accessibility standards in New Jersey.

77. At N.J.A.C. 5:23-3.14(b)10iii, in Section 1101.3, Existing facilities, the amendment to require that buildings that are constructed or altered to be accessible are required to be maintained to be accessible would be relocated from N.J.A.C. 5:23-7.13(b) with no change in requirements.

78. At N.J.A.C. 5:23-3.14(b)10iv, in Section 1103.2.3, Detached dwellings, the amendment to include an exception to the residential exemptions would be relocated from N.J.A.C. 5:23-7.3(b)1 and 2. This exception establishes standards for accessible affordable multifamily dwellings required by P.L. 2006, c. 350. The exemption of one-, two-, or three-family dwellings from accessibility requirements would also be relocated. These sections provide the exemptions from the requirements for accessible housing; these provisions would be relocated with no change in requirements.

79. At N.J.A.C. 5:23-3.14(b)10v, in Section 1103.2.5, Construction site, the amendment to provide an exemption for temporary structures would be relocated from N.J.A.C. 5:23-7.3(a)1 with no change in requirements.

80. At N.J.A.C. 5:23-3.14(b)10vi, in Section 1104.1, Multilevel buildings and facilities, the amendment to provide the scoping for non-residential buildings would be relocated from N.J.A.C. 5:23-7.4(a) with no change in requirements.

81. At N.J.A.C. 5:23-3.14(b)10vii, in Section 1106.2, Group I-1, R-1, R-2, R-3 and R-4, the amendment to require that when parking is provided within or beneath a building, accessible parking must also be provided would be relocated from N.J.A.C. 5:23-7.10(b)4 with no change in requirements.

82. At N.J.A.C. 5:23-3.14(b)10viii, in Section 1106.6, Location, the amendment to provide clear direction on the accessible parking requirements for visitor's parking lots at multifamily residential buildings would be relocated from N.J.A.C. 5:23-7.10(d)1 with no change in requirements.

83. At N.J.A.C. 5:23-3.14(b)10ix, in Section 1106.8, Parking signage, the amendment delineating the required accessible parking signs would be relocated from N.J.A.C. 5:23-7.10(a)3. There is one change in this provision. When the Handicapped Parking Act was passed in 1989, the New Jersey Department of Transportation designed a penalty sign and designated it R7-8P. Now the Manual of Uniform Traffic Control Devices has designated the "van accessible" sign as R7-8P. Therefore, all references to R7-8P would be changed to "the penalty sign designated by the Department of Transportation."

84. At N.J.A.C. 5:23-3.14(b)10x, xii – xvi, xviii- xxiv, xxvii-xxviii, xxx-xxxiii, xxxv, xxxvii – xxxviii and xlii – xliii, the amendments would delete the reference to “Type B” units as this unit type would be deleted throughout Chapter 11.

85. At N.J.A.C. 5:23-3.14(b)10xi, in Section 1107.3, Accessible spaces, the amendments would delete the reference to “Type B” units as this unit type would be deleted throughout Chapter 11. Laundry areas, mailboxes and meeting rooms would be added to the list of spaces that must be accessible. Additionally, the text of exception #1, which exempts spaces not on an accessible route from complying with the dimensional requirements for accessible and usable facilities, would be deleted. By doing so, the current code requirements would be retained. In its place, a mounting height for mailboxes would be inserted. This mounting height would provide for compliance with the accessibility requirements as well provide for consistency with the United States Postal Service requirements. Lastly, exception #3 would be deleted as this exception is address in the amendments to the referenced standard (ICC/ANSI A117.1) provided as part of this proposal at N.J.A.C. 5:23-3.14(b)10ii.

86. At N.J.A.C. 5:23-3.14(b)10xvii, new Section 1107.5.2.2, “Toilets used by residents”, would be added to allow nursing homes to have toilet and bathing facilities that meet the needs of the residents with disabilities and the staff members who assist them. The language is taken from the American Institute of Architects (AIA) Guidelines for Healthcare Facilities, the design manual for such facilities and will provide consistency between those requirements and the Uniform Construction Code.

87. At N.J.A.C. 5:23-3.14(b)10xxv, in Section 1107.6.2.2, the amendment would scope live/work units consistent with Group R-2 occupancies. Currently, live/work units

are not specifically addressed in N.J.A.C. 5:23-7, however, they are classified as a Group R-2 occupancy, thus there is no change in the requirement.

88. At N.J.A.C. 5:23-3.14(b)10xxvi and xxix in Section 1107.6.2.2.1 and Section 1107.6.2.3.2, Type A units, the amendment that provides the scoping for Group R-2 (multifamily) residential buildings that are required to be accessible or adaptable would be relocated from N.J.A.C. 5:23-7.5(a) with no change in requirements.

89. At N.J.A.C. 5:23-3.14(b)10xxxiv, Section 1107.7.1, Structures without elevator service, and at N.J.A.C. 5:23-3.14(b)10xxxvi, Elevator service to the lowest story with units, would be deleted in their entirety. The scoping for Group R-2, other than apartments houses, monasteries and convents are regulated by Section 1107.6.2.2.1, which is amended at N.J.A.C 5:23-3.14(b)10xxvi and is being relocated from N.J.A.C. 5:23-7.5(a) with no change in requirements.

90. At N.J.A.C. 5:23-3.14(b)10xxxviii, Section 1107.7.3, Design flood elevation, is proposed for amendment to make it clear that, regardless of the exception for an accessible route, if one is provided, the dwelling units served by that route are required to be Type A units.

91. At N.J.A.C. 5:23-3.14(b)10xxxix, in Section 1109.7, Elevators, the exceptions for providing a full-service, standard commercial elevator would be relocated from N.J.A.C. 5:23-7.13, Existing facilities. This section would allow the use of limited use/limited application (LULA) elevators to provide an accessible route in buildings in which elevator service is not otherwise required, including small buildings (less than 10,000 square feet), individual tenancies of less than 10,000 square feet, to serve floors or

mezzanines of less than 3,000 square feet, or to provide an accessible route in places of religious worship. This scoping currently applies only to existing buildings; this proposal would expand its application to new construction. The Department has received multiple requests from building owners asking to be allowed to install a LULA to provide a vertical accessible route where one is not otherwise required or where providing a full sized elevator is disproportionate to the size of the space being served. The Department agrees with these building owners that the LULA provides a valuable level of accessibility, one that often exceeds code requirements, and that the initiative to provide a vertical accessible route where one is not otherwise required in new construction should be allowed, not prohibited, by code.

92. At N.J.A.C. 5:23-3.14(b)10xl, in Section 1109.8. Lifts, the amendments governing where platform lifts may and may not be used would be relocated from N.J.A.C. 5:23-7.12(c)1 and N.J.A.C. 5:23-7.9(b) with no change in requirements. Additionally, the provision that allows lifts to be used to access amusement rides would be deleted because amusement rides are regulated by N.J.A.C. 5:14A.

93. At N.J.A.C. 5:23-3.14(b)10xli, in Section 1109.12.3, Point of sale and service counters, the amendment that describes the options for providing accessible service counters would be relocated from N.J.A.C. 5:23-7.12(g)2 with no change in requirements.

94. At N.J.A.C. 5:23-3.14(b)10xliv, in Section 1110.4.8, Amusement rides, the amendment would delete the accessibility requirements for amusement rides because the devices are regulated by N.J.A.C. 5:14A.

95. At N.J.A.C. 5:23-3.14(b)10xlv, in Section 1110.4.12, Miniature golf facilities, the amendment would delete the requirements for these types of facilities as they are regulated at N.J.A.C. 5:23-7.27(d).

96. At N.J.A.C. 5:23-3.14(b)10xlvi, Signs, the amendment would clarify that an accessible parking sign would not be required for an assigned accessible parking space in a facility with multi-family dwelling units.

97. At N.J.A.C. 5:23-3.14(b)10xlvii, Other signs, the amendment would delete the signage requirement for amusement rides. The proposed deletion for amusement rides are discussed in Item #86 above.

98. At N.J.A.C. 5:23-3.14(b)10xlviii, in Section 1112, Variations, the amendment that describes the conditions under which a variation from the accessibility requirements may be granted would be relocated from N.J.A.C. 5:23-7.14 with no change in requirements.

99. At N.J.A.C. 5:23-3.14(b)11ii, in Section 1208.2, Minimum ceiling heights, the amendment would provide consistency in the ceiling height requirements for habitable spaces and the ceiling height requirement for means of egress at Section 1203.2, ceiling height.

100. At N.J.A.C. 5:23-3.14(b)11iii, in Section 1210.3, Privacy, the amendment would delete this section because the requirement for privacy of plumbing fixtures is contained in the plumbing subcode.

101. At N.J.A.C. 5:23-3.14(b)14ii, in Section 1503.4.1, Secondary (emergency overflow) drains or scuppers, the reference to the International Plumbing Code would be deleted and the plumbing subcode would be inserted.

102. At N.J.A.C. 5:23-3.14(b)14v, in Table 1507.4.3(1) Metal roof coverings, the requirements for utility occupancies in this table would be proposed for deletion because requirements for utility occupancies are deleted throughout the building subcode.

103. At N.J.A.C. 5:23-3.14(b)14xi, in Section 1507.17.4.2, Ice barrier, the amendment would provide requirements for ice barriers for photovoltaic singles consistent with all other roof covering materials. (See N.J.A.C. 5:23-3.14(b)14 iv,v-ix)

104. At N.J.A.C 5:23-3.14(b)15ii, in Table 1607.1, Minimum Uniformly Distributed Live Loads and Minimum Concentrated Live Loads, would be amended to retain the current building subcode requirements (from IBC/2006) to ensure consistency of the live loads requirements for balconies between the one- and two-family dwelling subcode and the building subcode.

105. The existing amendments at N.J.A.C. 5:23-3.14(b)16iv and v would be deleted because the requirements of Section 1607.9.1.4 of the IBC/2009 have been incorporated into Section 4.7.5 ASCE 7-10, Minimum Design Loads for Buildings and Other Structures, which has been revised to contain the same requirements that had been in the Uniform Construction Code. There is no change in requirements.

106. The existing amendment at N.J.A.C. 5:23-3.14(b)16ix would be deleted. Section 1613.3, Existing building, from the IBC/2009 has been removed from the IBC/2015.

107. At N.J.A.C. 5:23-3.14(b)16iii, v-ix and xiv the amendments would replace the code enforcement terminology (building official) used in the IBC with the code enforcement terminology (construction official) used in the UCC.

108. The existing amendment at N.J.A.C. 5:23-3.14(b)17vi would be relocated to N.J.A.C. 5:23-3.14(b)16x in Section 1704.2, Special inspections and tests. There is no change in requirements.

109. The existing amendment at N.J.A.C. 5:23-3.14(b)17vii, Section 1704.1.1, would be relocated to N.J.A.C. 5:23-3.14(b)16xii, Section 1704.3, Statement of special inspections, with no change in the requirements.

110. At N.J.A.C. 5:23-3.14(b)16xi, in Section 1704.2.3, Statement of special inspections, would be amended to delete the reference to Section 107.1. This referenced sections in addressed in the administrative provisions of the UCC.

111. The existing amendment at N.J.A.C. 5:23-3.14(b)17viii, Section 1704.1.2, Report requirements would be deleted as the text is no longer contained in the 2015/IBC.

112. The existing amendment at N.J.A.C. 5:23-3.14(b)17ix, in Section 1704.3, Steel construction, would be relocated to N.J.A.C. 5:23-3.14(b)16xvi, Section 1705.2 with the same title. There is no change in requirements.

113. The existing amendment at N.J.A.C. 5:23-3.14(b)17x in Table 1704.3, Required verification and inspection of steel construction would be deleted. The Table no longer contained in the 2015/IBC.

114. The existing amendment at N.J.A.C. 5:23-3.14(b)17xi, in Section 1704.5, Masonry construction, would be relocated to N.J.A.C. 5:23-3.14(b)16xvii, Section 1705.4 with the same title. There is no change in requirements.

115. At N.J.A.C. 5:23-3.14(b)16xv, in Section 1704.6, Wood construction, the amendment would be relocated to N.J.A.C. 5:23-3.14(b)16xviii, Section 1705.5 with the same title. There is no change in requirements.

116. The existing amendment at N.J.A.C. 5:23-3.14(b)17xiii, Section 1705.3, Seismic resistance, would be deleted. The text of the IBC/2015 no longer requires this amendment.

117. The existing amendments at N.J.A.C. 5:23-3.14(b)17xiv and xv, would be deleted. The intent of this amendment was to delete the special inspection requirements for wind resistance. The amendment at N.J.A.C. 5:23-3.14(b)16xix, that would delete Section 1705.11, Special inspection for wind resistance, accomplishes the original intent of the amendments at N.J.A.C. 5:23-3.14(b)17xiv and xv. There is no change in the requirements.

118. The existing amendment at N.J.A.C. 5:23-3.14(b)17xvi, Section 1707.1, Special inspections for seismic resistance, would be deleted. The IBC/2015 has been amended and the general requirements of this section have been incorporated into material specific provisions. The intent of this amendment was to delete the need for special inspections for buildings constructed in locations with a Seismic Design Category B or C. Therefore, the amendments at N.J.A.C. 5:23-3.14(b)16 xiv, Section 1704.5, Submittal to the building official, N.J.A.C. 5:23-3.14(b)16xx, Section 1705.12.1.1, Seismic force-resisting systems, N.J.A.C. 5:23-3.14(b)16xxi, Section 1705.12.1.2, Structural steel elements, N.J.A.C. 5:23-3.14(b)16xxii, Section 1705.12.2, Structural wood, N.J.A.C. 5:23-3.14(b)16xxiii, Section 1705.12.3, Cold-formed light-framed construction, N.J.A.C. 5:23-3.14(b)16xxiv, Section 1705.12.4, Designated seismic

systems, N.J.A.C. 5:23-3.14(b)16xxvi, Section 1705.12.8, Seismic isolation systems, N.J.A.C. 5:23-3.14(b)16xxviii, Section 1705.13.2, Nonstructural components, N.J.A.C. 5:23-3.14(b)16xxix, Section 1705.13.3, Designated seismic systems and N.J.A.C. 5:23-3.14(b)16xxx, Section 1705.13.4, Seismic isolation, accomplish the original intent of the deleted amendment at N.J.A.C. 5:23-3.14(b)17xiii. There is no change in requirements.

119. The existing amendments at N.J.A.C. 5:23-3.14(b)17xix and xx are proposed for deletion. Because of a numbering change in the IBC/2015, the amendments are moved to N.J.A.C. 5:23-3.14(b)16xiii and xv in Section 1704.4, Contractors responsibility and 1704.6, Structural observations, respectively with no change in requirements.

120. At N.J.A.C. 5:23-3.14(b)17ii, in Section 1803.5, Investigated conditions, a numbering error would be corrected.

121. At N.J.A.C. 5:23-3.14(b)18iv, the numbering of Table 2306.2.1(2) would be updated to Table 2306.1(2); the title would also be updated. There is no change in requirements.

122. At N.J.A.C. 5:23-3.14(b)19, Section 2702, Emergency and standby power systems would be included in the adoption of the building subcode. The requirements for emergency and standby power systems are currently contained in numerous locations in the International Building Code, the International Fire Code and the electrical subcode. This amendment would centralize the location of the requirements. There is no change in requirements.

123. At N.J.A.C. 5:23-3.14(b)21ii, Section 3001.2, Referenced standards would be revised to include Section 5.11, Wind turbine tower elevators, in the list of exceptions to the adopted standard. These types of elevators are outside of the scope of the U.C.C. as they are part of the process equipment. Additionally, Appendix N has been renamed Table N1 in the standard and this amendment would reflect this. The requirements would remain unchanged.

124. At N.J.A.C. 5:23-3.14(b)21vi, Section 3002.9, Plumbing and mechanical systems would be relocated from N.J.A.C. 5:23-3.14(b)21x to be in numerical order.

125. The existing amendment at N.J.A.C. 5:23-3.14(b)21viii is proposed for amendment. The text of the amendment requiring a standardized fire service keys is now included in the IBC/2015; the specifications for the key are found in the elevator safety subcode (N.J.A.C. 5:23-12).

126. At N.J.A.C. 5:23-3.14(b)21ix, Section 3004.3, Area of vents, would be deleted. The requirement is no longer contained in the IBC/2015.

127. The existing amendment at N.J.A.C. 5:23-3.14(b)21x, Section 3004.4, Plumbing and mechanical systems, would be relocated to N.J.A.C. 5:23-3.14(b)21vi, Section 3002.9 due to the renumbering of the IBC/2015. There would be no change in the requirements.

128. At N.J.A.C. 5:23-3.14(b)21ix, Section 3006.2, Hoistway opening protection required, has been relocated from Section 908.14.1 of the IBC/2009. At N.J.A.C. 5:23-3.14(b)8viii, the amendment was such that elevator lobbies were required only in high rise buildings. By deleting exception #1 of Section 3006.2, elevator lobbies

will be required in four-story buildings with occupancies of Group I-1, Condition 2, Group I-2 and Group I-3 and in high rise buildings of any occupancy. Occupants in buildings of Group I-1, Condition 2, Group I-2 and Group I-3 are capable of impractical evacuation, which would be defined as part of this proposal as movement to an exit in more than 13 minutes. Because of this, there is a need for elevator lobbies in these occupancies. The requirement for high rise buildings remains unchanged.

129. At N.J.A.C. 5:23-3.14(b)21xi, xii, xiii and xiv, Section 3008.7, Elevator system monitoring, Section 3008.7.1, Elevator recall, Section 3008.8.1, Protection of wiring or cables and Section 3008.6.6, Two-way communication, the amendment would delete an option to obtain an alternative approval by the fire department. The fire protection subcode official would be regulatory authority responsible for the enforcement of these provisions.

130. The existing amendments at N.J.A.C. 5:23-3.14(b)22 iv, v and vi would be deleted. The intent of these amendments was to provide requirements for swimming pool barriers and to adopt, by reference, the “Association of Pool and Spa Associates standards”. These standards are now obsolete. The amendment at N.J.A.C. 5:23-3.14(b)22iv would replace these obsolete standards with the “2015 International Swimming Pool and Spa Code (ISPSC/2015)”. In this section, amendments would be made to the ISPSC/2015 to the code enforcement terminology used in the administrative requirements to replace it with terminology consistent with the administrative code enforcement provisions of the UCC. No renumbering of subsequent sections is required.

131. At N.J.A.C. 5:23-3.14(b)24ii, Section 3305, Sanitary, would be deleted; requirements for sanitary facilities at construction sites are regulated by the Occupational Safety and Health Administration (OSHA).

132. At N.J.A.C. 5:23-3.14(b)24iv, the text of Section 906, Portable fire extinguishers, of the IBC/2015 has been amended to match the International Fire Code, so this amendment, which was made to ensure consistency between adopted codes, is no longer needed.

133. The existing amendment at N.J.A.C. 5:23-3.14(b)25, Chapter 35, Existing structures, would be deleted. The requirements for existing buildings are no longer contained in the IBC/2015.

134. The existing amendment at N.J.A.C. 5:23-3.14(b)26i, would be deleted. The “Association of Pool and Spa Associates” standards would not be included in the IBC/2015 as part of this proposal.

135. The existing amendment at N.J.A.C. 5:23-3.14(b)26iv would be deleted because the reference to AWS D1.1-04 in the IBC/2009 has been removed from the IBC/2015.

136. At N.J.A.C. 5:23-3.14(b)25iii, the International Swimming Pool and Spa Code would be listed as a referenced standard.

137. At N.J.A.C. 5:23-3.14(b)26iii, the proposed amendment would delete two Appendices that have been added to the IBC/2015, one for “Earthquake Recording Instrumentation” and the other for “Tsunami-Generated Flood Hazard,” because neither is applicable to the State of New Jersey.

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

1. At N.J.A.C. 5:23-3.16(a)1 and 2, the proposed amendments would update the reference to the National Electrical Code/2014 (NEC/2014).

2. At N.J.A.C. 5:23-3.16(a)2i, the proposed amendment would revise the reference to the bulletin on the Informational Notes of the current electrical subcode. Bulletin 12-1 will be replaced with Bulletin 15-1 to reflect the applicable Informational Notes of the NEC/2014.

3. At N.J.A.C. 5:23-3.16(a)3, the proposed amendment would revise the National Electrical Safety Code (ANSI C2-2007) to reflect the current updated standard (ANSI C2-2012).

4. At N.J.A.C. 5:23-3.16(b)3ii, the proposed amendment to Section 210.8(A), Ground-fault circuit-interrupter protection for personnel, would delete the requirement for ground-fault circuit-interrupter protection for laundry areas. The current requirements provide for ground-fault circuit-interrupter protection for all electrical receptacles within six feet of a water source. Because laundry area is not a defined space and because this protection is afforded currently, this specific requirement would be deleted.

5. The existing amendment at N.J.A.C. 5:23-3.16(b)7i, would be deleted. The Tentative Interim Amendment (TIA) text is incorporated into the NEC/2014 at 680.42(B), Bonding (Outdoor installations). The code requirements would remain unchanged.

6. At N.J.A.C. 5:23-3.16(b)7i-v, the proposed amendments to Article 620, Elevators, Dumbwaiters, Escalators, Moving Walks, Platform Lifts, and Stairway Chairlifts, update Informational Notes throughout this section to reference the most current ASME A17.1

referenced in Chapter 35 of the 2015 International Building Code, which is part of this proposal.

7. At N.J.A.C. 5:23-3.16(b)7vi, the proposed amendment would delete the exception from 680.25(A)(1), Feeders, and insert in its place the exception from the same section of the NEC/2011. The new requirement in the NEC/2014 would require an insulated ground from service equipment in existing buildings to new swimming pool equipment. Currently, the code permits an uninsulated ground from the service equipment to a remote panel board or swimming pool equipment. This amendment would continue to allow the use of an uninsulated ground from the service equipment to new swimming pool equipment associated with an existing building as the requirements for existing buildings are contained in the Rehabilitation Subcode (N.J.A.C. 5:23-6). Additionally, for other than swimming pools at one- and two-family dwellings, the UCC, at N.J.A.C. 5:23-2.18C, establishes requirements to verify the electrical safety of swimming pools on an annual basis and to test the continuity of the bonding and grounding every five years. The code requirements would remain unchanged.

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

1. At N.J.A.C. 5:23-3.17(a)1.i.-iv, the references to the adopted editions of the International Building Code, National Electrical Code, International Mechanical Code, and International Fuel Gas Code would be replaced with a reference to the model code as amended as the building, electrical, mechanical, or fuel gas subcode, as applicable, of the Uniform Construction Code. In addition, N.J.A.C. 5:23-3.17(b) would be deleted. It states that these codes, as amended, are applicable and is redundant.

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

a. Energy Subcode--Commercial Structures: On September 18, 2014, the United States Department of Energy (US DOE) issued a final determination on the ASHRAE Standard 90.1-2013, which is referenced in the International Energy Conservation Code (IECC)/2015 as the energy standard for commercial buildings. The United States Department of Energy requires states to certify that the commercial building energy code regarding energy efficiency meets or exceeds ASHRAE Standard 90.1-2013; this certification must be filed with US DOE within one year of the official Federal Register notice. The quantitative analysis of the energy consumption of buildings built to ASHRAE 90.1-2013 when compared to buildings built to ASHRAE 90.1-2010 indicates national source energy savings of approximately 8.5 percent for commercial building energy consumption. Since NJ did not adopt the 2010 edition, this energy savings would be in addition to the 18.2 percent between the 2010 edition and the current standard adopted in NJ, the 2007 edition.

b. Energy Subcode--Residential Structures: On September 18, 2014, US DOE issued a preliminary determination on the International Energy Conservation Code (IECC)/2015. The quantitative analysis of the energy consumption of buildings built to IECC/2015 when compared to buildings built to IECC/2012 indicates national source energy savings of approximately 1.03 percent for residential building energy consumption. Since New Jersey did not adopt the 2012 edition, this energy savings would be in addition to the 15 percent between the 2012 edition and the current standard adopted in NJ, the 2009 edition.

There are two areas of change in the provisions of the International Energy Conservation Code (IECC)/2015 that require discussion: first, insulation, and second, allowable

air leakage rates in acceptance tests of the thermal envelope. (These changes first appeared in the IECC/2012 which was not adopted in NJ.)

First, there are differences between the insulation requirements of the IECC/2009 and those of the IECC/2015. Insulation requirements are given in “R-values;” the higher the value, the greater the insulation:

In Zone 4:

Ceiling R-value – The IECC/2009 requires R-38; the IECC/2015 requires R-49.

Wood Wall R-value – The IECC/2009 requires R-13; the IECC/2015 requires either R-20 or R-13+5.

In Zone 5:

Ceiling R-value – The IECC/2009 requires R-38; the IECC/2015 requires R-49.

Basement wall R-value – The IECC/2009 requires R-10/13; the IECC/2015 requires R-15/19.

Crawl space wall R-value – The IECC/2009 requires R-10/13; the IECC/2015 requires R-15/19.

Although the requirements in the IECC/2015 for higher R-values would add to the initial cost, the additional initial cost would be recaptured in lower energy costs over time.

The second issue is the acceptance test for the thermal envelope and the allowable air leakage rate (Section R402.4.1.2, Testing option). In IRC/2015, the allowable rate has been reduced from the seven air changes per hour of the IRC/2009 to three air changes per hour.

The Department is conscious of the need to balance increased energy efficiency with the cost of construction and a demonstrated value to the homeowner. Estimates of the payback time vary based on the parameters of the analysis conducted. In consulting three analyses, the Department found a range of estimates for life cycle cost savings, consumer savings, incremental

costs, and energy savings. Again, since NJ did not adopt the 2012 edition, the numbers and assumptions are based on that edition as the increase from 2012 to 2015 is approximately one percent and there are no current evaluations of the 2015 edition. Also, it should be noted that the national weighted average of current natural resources prices can vary. Adjusting that projection in either way could result in an increase/reduction of the payback period.

- United States Department of Energy: Annual Energy Savings, \$511; Life-cycle cost savings, \$8,393; Simple payback, 3.7 yrs. (Assumptions and other information can be found at

<https://www.energycodes.gov/sites/default/files/documents/NewJerseyResidentialCostEffectiveness.pdf>.)

- Building Code Assistance Project (BCAP): Annual Energy Savings, \$194-205; Incremental Cost Range, \$1,456-1,837; Payback, 2.5-3.75 years. (This information is from Philadelphia, PA as NJ specific information was unavailable. Assumptions and other information can be found at <http://energycodesocean.org/incremental-cost-analysis>.)

- National Association of Home Builders (NAHB): Zone 4 -- Annual Energy Savings, \$410; Incremental Construction Cost, \$7,091; Simple Payback, 17.3 years. Zone 5 -- Annual Energy Savings, \$505; Incremental Construction Cost, \$4,653; Simple Payback, 9.2 years. (Assumptions and other information can be found at <http://recodes.org/PDF/NAHB%202012%20IECC%20Cost%20Effectiveness%20Analysis.pdf>)

1. At N.J.A.C. 5:23-3.18(a), references to the International Energy Conservation Code 2009 (IECC/2009) would be changed to reference the International Energy Conservation Code 2015 (IECC/2015).

2. At N.J.A.C. 5:23-3.18(b), the term “Commercial provisions” would be added. The IECC/2015 has been separated into two parts, the commercial provisions and the residential provisions. N.J.A.C. 5:23-3.18(b) would contain the amendments to the commercial provisions and N.J.A.C. 5:23-3.18(c) would contain the amendments to the residential provisions.

3. At N.J.A.C. 5:23-3.18(b)1ii, in Section C101.4.1, Mixed Occupancy, and Section C101.5, Compliance, a reference to the ASHRAE 90.1-2013 would be added. The code requires compliance with ASHRAE 90.1 for commercial buildings. This amendment was made necessary by the amended text of the IECC/2015.

4. The existing amendment at N.J.A.C. 5:23-3.18(b)2, Chapter 2, Definitions, would be deleted. The definitions regarding commercial building are contained within the ASHRAE 90.1, therefore, the definitions listed in IECC/2015 for commercial buildings would be deleted.

5. The existing amendment at N.J.A.C. 5:23-3.18(b)3i, Section 303.3, Maintenance information, would be deleted. Additionally, the requirements for climate zones for commercial building are contained within ASHRAE 90.1, therefore the chapter concerning climate zones for commercial buildings would be deleted.

6. The existing amendment at N.J.A.C. 5:23-3.18(b)4, Chapter 4, Residential Energy Efficiency, would be deleted. This is due to the reorganization of the IECC/2015. The energy subcode amendments for residential structures are found in N.J.A.C. 5:23-3.18(c) of this proposal.

7. At N.J.A.C. 5:23-3.18(b)4i, in Section C401.1, Scope, the updated edition of ASHRAE 90.1 would be referenced.

8. At N.J.A.C. 5:23-3.18(b)4ii, in Section C401.2, Amendments, the updated edition of ASHRAE 90.1 would be referenced. Additionally, the amendment to item #1 of the ASHRAE 90.1 would be deleted as the requirement for a guest room master control no longer exists.

9. At N.J.A.C. 5:23-3.18(b)4iii, the remaining sections of Chapter 4 of the Commercial provisions would be deleted. All of the requirements for Commercial buildings would be contained in ASHRAE 90.1.

10. At N.J.A.C. 5:23-3.18(b)5, Chapter 5, Existing buildings, would be deleted. The code requirements for existing buildings are located at N.J.A.C. 5:23-6, the Rehabilitation Subcode.

11. At N.J.A.C. 5:23-3.18(c)1i-v, in Chapter 1, Scope and Administration, the proposed amendments would delete the administrative provisions of the residential provisions of the IECC/2015. This amendment is consistent with the amendments made in the commercial provisions as explained above.

12. At N.J.A.C. 5:23-3.18(c)2i – viii, in Chapter 2, Definitions, the proposed amendment would delete definitions from the residential provisions of the IECC/2015 consistent with the definitions of the Uniform Construction Code at N.J.A.C. 5:23-1.4 and those contained in other subcodes at N.J.A.C. 5:23-3.

13. At N.J.A.C. 5:23-3.18(c)3i, in Section R303.3, Maintenance information, the proposed amendment would delete the maintenance information section of the residential

provisions of the IECC/2015 consistent with the current amendment at N.J.A.C. 5:23-3.18(b)3i. This will result in the current requirements remaining the same.

14. The following table summarizes the increases in the requirements for insulation and fenestration by component in Zones 4 and 5 in New Jersey by comparing the requirements of Table R402.1.1 in the 2015 edition of the International Energy Conservation Code, the proposed standard, with the same table contained in the currently-adopted standard, the 2009 edition of the International Energy Conservation Code.

Zone 4

Component	2009	2015
Skylight	0.6 (U)	0.55 (U)
Vertical fenestration	0.35 (U)	0.35 (U)
SHGC	No requirement	0.4 (U)
Ceiling	38 (R)	49(R)
Wood wall	13 (R)	20(R) or 13+5 (R)
Mass wall	5/10 (R) ^a	8/13(R) ^a
Basement wall	10/13 (R) ^a	10/13 (R) ^a
Crawl space wall	10/13 (R) ^a	10/13 (R) ^a

Zone 5

Component	2009	2015
Skylight	0.6 (U)	0.55 (U)
Vertical fenestration	0.35 (U)	0.32 (U)
SHGC	No requirement	No requirement
Ceiling	38 (R)	49(R)
Wood wall	20(R) or 13+5 (R)	20(R) or 13+5 (R)
Mass wall	13/17 (R) ^a	13/17(R) ^a
Basement wall	10/13 (R) ^a	15/19 (R) ^a
Crawl space wall	10/13 (R) ^a	15/19 (R) ^a

^a The second R-value applies when more than half the insulation is on the interior of the mass wall.

15. At N.J.A.C. 5:23-3.18(c)4i, in Section R402.4.1, Building thermal envelope, the amendment would give the code user an option of confirming compliance with the “Building Thermal Envelope” requirements (Section 402.4.1) by inspection or by testing.

Currently, compliance is verified using one of these two options. The IECC/2015 requires *both* inspection *and* testing; this proposal would continue to provide the option of one or the other. The code requirements will remain the same.

16. At N.J.A.C. 5:23-3.18(c)4ii, Section R403.2, Hot water boiler outdoor temperature setback, would be deleted. There is insufficient data to support the added cost increase associated with this feature.

17. At N.J.A.C. 5:23-3.18(c)4iii, in Section R403.7, Equipment sizing and efficiency rating, the proposed amendment would delete the replacement provisions for equipment sizing as these requirements are contained in the Rehabilitation Subcode, NJAC 5:23-6.

18. At N.J.A.C. 5:23-3.18(c)4iv, in Section R403.8, Systems serving multiple dwelling units (Mandatory), a cross reference to the commercial energy provisions in the ASHRAE 90.1 standard for systems serving multiple dwelling units would be provided because the ASHRAE standards contain the energy subcode requirements for commercial buildings as explained above.

19. N.J.A.C. 5:23-3.18(c)5, Chapter 5, Existing buildings, would be deleted. The code requirements for existing buildings are located at N.J.A.C. 5:23-6, the Rehabilitation Subcode.

20. At N.J.A.C. 5:23-3.18(c)6i, the reference to the International Plumbing Code would be deleted and the National Standard Plumbing Code, which is adopted as the plumbing subcode, would be inserted in its place.

21. At N.J.A.C. 5:23-3.18(c)7, Appendix RA, Recommended Procedure for Worst-Case Testing of Atmospheric Venting Systems Under R402.4 or R405 Conditions \leq

5ACH₅₀, would be provided for information only and would not be an enforceable provision of this subcode and Appendix RB, Solar-Ready Provisions—Detached One- and Two-Family Dwellings, Multiple Single-Family Dwellings (Townhouses), would be deleted as these provisions are beyond the scope of the Uniform Construction Code.

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

1. At N.J.A.C. 5:23-3.20(a), references to the International Mechanical Code 2009 (IMC/2009) would be changed to reference the International Mechanical Code 2015 (IMC/2015).

2. At N.J.A.C. 5:23-3.20(b)2i, in Section 201.3, Terms defined in other codes, the regulatory citation would be provided for the plumbing subcode.

3. At N.J.A.C. 5:23-3.20(b)2iii, the definition of the term “approved” as it is defined at N.J.A.C. 5:23-3.21(c)2iii would be repeated here.

4. At N.J.A.C. 5:23-3.20(b)2iv, the amendment to the definition of the term “approved agency” at N.J.A.C. 5:23-3.21(c)2iv would be repeated here.

5. At N.J.A.C. 5:23-3.20(b)2v, the definition of the term “building” as it is defined at N.J.A.C. 5:23-1.4 would be repeated here.

6. At N.J.A.C. 5:23-3.20(b)2viii, the definition of the term “dwelling unit” would be amendment consistent with the proposed amendment at N.J.A.C. 5:23-3.14(b)2xi that is included as part of this proposal.

7. At N.J.A.C. 5:23-3.20(b)4ii, in Section 505.3, Common exhaust systems for domestic kitchens located in multistory structures, the proposed amendment would

provide for consistency with the current amendment to Section 504.10, Common exhaust systems for clothes dryers located in multistory structures, as they contain the same requirements.

8. At N.J.A.C. 5:23-3.20(b)4iv, in Section 513.5.2, Testing of leakage area, the reference to “fire code official” would be deleted and “fire protection subcode official” would be inserted. The “fire protection subcode official” would be the regulatory authority responsible for the enforcement of these provisions.

9. At N.J.A.C. 5:23-3.20(b)6i, in Section 801.18.2, Flue passageways, the term “certification” would be amended to “verification” to provide for consistency with the current requirements at N.J.A.C. 5:23-2.20(d).

10. At N.J.A.C. 5:23-3.20(b)7i, iii, 8ii – v and 10i, in Section 908.5, Water supply, Item 4 of Section 928.1, General, Section 1002.1, General, Section 1002.2, Water heaters utilized for space heating, 1002.3, Supplemental water-heating devices, Section 1008.2, Discharge and Section 1210.8.1, Protection of potable water, the cross reference to the International Plumbing Code would be deleted and “the plumbing subcode” would be inserted.

11. At N.J.A.C. 5:23-3.20(b)7ii, in Section 923, Small ceramic kilns, the proposed amendment would replace the reference to Section 105.2 in two locations, which is deleted in the current amendment at N.J.A.C. 5:23-3.20(b)1, with the appropriate administrative provision from N.J.A.C. 5:23-3.7.

12. At N.J.A.C. 5:23-3.20(b)12i(1), the existing amendment is deleted as the International Existing Buildings Code (IEBC) is no longer referenced in the IMC/2015.

13. At N.J.A.C. 5:23-3.20(c), the requirements for carbon monoxide alarms would be deleted from the mechanical subcode and inserted in the building subcode at N.J.A.C. 5:23-3.14 and the one-and two-family dwelling subcode at N.J.A.C. 5:23-3.21.

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

1. At N.J.A.C. 5:23-3.21(a)1, references to the International Residential Code 2009 (IRC/2009) would be changed to reference the International Residential Code 2015 (IRC/2015).

2. At N.J.A.C. 5:23-3.21(b), the scoping of the IRC would be amended to clearly state that each dwelling unit is required to be provided with an independent means of egress. This is stated in the definition of Group R-5 in the IBC and would be repeated here for clarity.

3. At N.J.A.C. 5:23-3.21(c)2v, in Chapter 2, Definitions, the definition of the term “Attic, Habitable” would be relocated from the text of N.J.A.C. 5:23-3.21(c)3i. There is no change in the definition.

4. At N.J.A.C. 5:23-3.21(c)2vi, in Chapter 2, Definitions, the definition of the term “building” as it is currently defined at N.J.A.C. 5:23-1.4 would be repeated here.

5. At N.J.A.C. 5:23-3.21(c)2xii and xv, in Chapter 2, Definitions, the definition of the terms “Guestroom” and “Lodging House” would be deleted. Because the scoping of the IRC in New Jersey is limited to detached one- and two-family dwellings and attached single family townhouses, this term is unnecessary.

6. At N.J.A.C. 5:23-3.21(c)2xiii, in Chapter 2, Definitions, the definition of the term “Historic Building” would be deleted. Existing buildings are regulated by N.J.A.C. 5:23-6, the Rehabilitation Subcode and this term is defined at N.J.A.C. 5:23-6.33(a)1.

7. At N.J.A.C. 5:23-3.21(c)2xvii, in Chapter 2, Definitions, the definition of the term “owner” as it is currently defined at N.J.A.C. 5:23-1.4 would be repeated here.

8. At N.J.A.C. 5:23-3.21(c)2xxii, in Chapter 2, Definitions, the definition of the terms “Reroofing”, “Roof Repair” and “Roof Replacement” would be deleted. This type of construction activity is regulated by N.J.A.C. 5:23-6, the Rehabilitation Subcode, and therefore, there is no need to define these terms in the one-and two-family dwelling subcode.

9. At N.J.A.C. 5:23-3.21(c)3i, in Section R300, Height and area limitations, the amendment would allow an increase in height of Group R-5 building provided a fire sprinkler system is installed in accordance with the National Fire Protection Association (NFPA) Standard 13D, Standard For The Installation Of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes, or Section P2904, Dwelling Unit Fire Sprinkler Systems. The current code requirements allow for an increase in height of a detached one- or two-family dwelling or an attached single-family townhouse when the fire sprinkler system is installed that complies with the NFPA Standard 13 or 13R. This proposal would allow the same increase in height for a sprinkler system installed in accordance with NFPA 13D or Section P2904 of the one- and two-family dwelling subcode. These types of fire sprinkler systems are life safety systems and are specifically intended for use one- and two-family dwellings and single-family townhouses. This will provide for consistency with the requirements of the IRC/2015. Additionally, in the same

section, there would be no limit on the area of a detached one- or two-family dwelling or an attached single-family townhouse when a NFPA 13D or a Section P2904 fire sprinkler system is installed. Currently, the code limits the area to 14,400 square foot for one- and two-story buildings and 9,600 square foot (per floor) for a three-story building. The deletion of these limits would provide for consistency with the unamended IRC/2015 while affording the protection of a fire sprinkler system specifically intended for use in these types of buildings.

10. At N.J.A.C. 5:23-3.21(c)3ii, in Section R301.2.1.2, Protection of openings, the existing amendment would be deleted. The requirement for the protection of openings is for “windborne debris regions”. As defined, a “windborne debris region” is an area within one mile of the Atlantic Ocean where the Ultimate wind speed exceeds 130 miles per hour. The 130 miles per hour contour line is off the New Jersey coast. Therefore, there are no longer “windborne debris regions” in New Jersey. This amendment would no longer be required.

11. At N.J.A.C. 5:23-3.21(c)3iii, in Section R301.2.1.5, Topographic wind effects, the table and figures referenced by the deleted section would also be deleted. Currently, there is no reference to the table and figures because the text of the section has been deleted. This amendment would clear up confusion that has been created by the printing of these tables.

12. At N.J.A.C. 5:23-3.21(c)3iv, in Section R301.2.2, Seismic provisions, the amendment to delete the exception would be deleted. The exception is no longer included in the text of the IRC/2015.

13. At N.J.A.C. 5:23-3.21(c)3viii, in Section R302.2, Townhouses, a portion of the amendment would be deleted. The IRC/2015 now contains the same requirement and therefore this amendment is no longer needed as Section R302.2 has added criteria for both ratings. Similarly, the existing amendment at N.J.A.C. 3.21(c)3x. would be deleted for the same reason.

14. At N.J.A.C. 5:23-3.21(c)3x, in Section R302.5.1, Opening protection, the requirement for a self-closing device for the door between a garage and living space would be deleted. This would retain the current code requirement and level of protection provided for the separation between a garage and living space.

15. At N.J.A.C. 5:23-3.21(c)3xi, in Section R302.6, Dwelling-garage fire separation, the reference to Table 702.3.5 for attachments of the gypsum wallboard would be deleted. FTO-13, which contains the requirements for the fire separation between the dwelling and an attached garage, which is referenced by this section, has attachment requirements. Therefore, this cross reference would not be necessary.

16. The existing amendment at N.J.A.C. 5:23-3.21(c)3xiii, in Section R302.13, Combustible insulation clearance, would be deleted. The cross referenced section would be included in the one- and two-family dwelling subcode as part of this proposal.

17. At N.J.A.C. 5:23-3.21(c)3xiv, Section R303.8, Exterior stairway illumination, would be deleted. The current requirements for both interior and exterior stairway illumination are located in one section that is deleted. In the IRC/2015, the requirements for interior and exterior stairway illumination are located in two sections, both of which

would be deleted as part of this proposal. The current code requirements would be maintained.

18. At N.J.A.C. 5:23-3.21(c)3xvii, in Sections R310.2.3.2 and R310.3.2.1, both entitled Drainage, the cross references to Section R406.1 in the IRC/2015 text would be corrected.

19. At N.J.A.C. 5:23-3.21(c)3xviii, Section R310.5, Dwelling additions and Section R310.6, Alterations or repairs of existing basements, would be deleted. N.J.A.C. 5:23-6, the Rehabilitation Subcode, regulates work in existing buildings; therefore, these sections would not be necessary.

20. At N.J.A.C. 5:23-3.21(c)3xxiv, the deletion of Section R311.7.9, Illumination, would be relocated from the existing N.J.A.C. 5:23-3.21(c)3xxii. There would be no change in the requirements.

21. At N.J.A.C. 5:23-3.21(c)3xxv, the second sentence of Section R311.8.1, Maximum slope, would be deleted. Detached one- and two-family dwellings are exempt from the barrier free subcode. Therefore, the maximum slope for other than egress ramps would be unregulated.

22. The existing amendment at N.J.A.C. 5:23-3.21(c)3xxv, Section R313.1.1, Design and installation, would be deleted. The current amendment adds a design option for a NFPA 13D system. This text is now included in the IRC/2015 therefore, the amendment would not be necessary.

23. The existing amendment at N.J.A.C. 5:23-3.21(c)3xxviii, Section R314.4, Power source, would be relocated to N.J.A.C. 5:23-3.21(c)3xxx as Section R314.6.

24. At N.J.A.C. 5:23-3.21(c)3xxix, the exception to Section R314.4, Interconnection, would be deleted because it addresses requirements for existing buildings which are regulated in N.J.A.C. 5:23-6, the Rehabilitation Subcode.

25. At N.J.A.C. 5:23-3.21(c)3xxxi, Section R314.7.5, Monitoring, would be added. The current requirements of the IRC/2009 require household fire warning systems to be monitored and maintained in accordance with National Fire Protection Association Standard 72 (NFPA 72). Therefore, with the amendment, current code requirements would be maintained.

26. At N.J.A.C. 5:23-3.21(c)3xxxii, Section R315.2, Where required, and Section R315.2.2, Alterations, repairs and additions, would be amended to delete requirements for work in existing buildings. Carbon monoxide alarms in existing buildings are regulated in N.J.A.C. 5:23-6, the Rehabilitation Subcode.

27. At N.J.A.C. 5:23-3.21(c)xxxiii, Site address, the amendment would require the building be provided with a site address. The IRC/2015 requirements for size and style of the lettering and the maintenance of the lettering would be deleted (fourth, fifth and ninth sentences). First responders have expressed a need for the building to be identified in cases of emergency. Additionally, the reference to “fire code official” would be amended to “fire protection subcode official”. The “fire protection subcode official” would be regulatory authority responsible for the enforcement of this provision.

28. At N.J.A.C. 5:23-3.21(c)3xlvi, in Section R326.1, General, the 2015 International Swimming Pool and Spa Code (ISPSC/2015) would be referenced. Currently, swimming pools and spas accessory to detached one- and two-family dwellings and attached single

family townhouses are required to comply with the Association of Pool and Spa Associates standards. These standards are outdated and obsolete. The ISPSC/2015 would replace those standards for pools, spas and the enclosures around them. Additionally, in this section, amendments would be made to the ISPSC/2015 to the code enforcement terminology used in the administrative requirements to replace it with terminology consistent with the administrative code enforcement provisions of the UCC.

29. At N.J.A.C. 5:23-3.21(c)4viii, the proposed amendment to Section 404.4, Retaining walls, would make it clear that only retaining walls that require a construction permit at N.J.A.C. 5:23-2.14 are required to be designed and constructed in accordance with this section.

30. At N.J.A.C. 5:23-3.21(c)4ix, the amended text in Section 406 would correct the wording of the Dampproofing and Waterproofing section and the would be consistent with the cross referenced section of the building subcode (Section 1805).

31. The existing amendment at N.J.A.C. 5:23-3.21(c)4x, Section R408.3, Unvented crawl space, would be deleted. The cross referenced section would be included in the one- and two-family dwelling subcode as part of this proposal.

32. At N.J.A.C. 5:23-3.21(c)5iv, Section R507.2.4, Deck lateral load connection, would be deleted. This section contains seismic requirements which are deleted from the IRC/2015 at N.J.A.C. 5:23-3.21(c)3iv as part of this proposal.

33. At N.J.A.C. 5:23-3.21(c)6i, Figure R602.6.1, Top plate framing to accommodate piping, would be amended to correct the title of the table.

34. At N.J.A.C. 5:23-3.21(c)9i, in Figure R1001.11, Clearance from combustibles, the figure would be amended to provide for consistence with the currently amended text of the code section that refers to this figure. There would be no change in the requirements.

35. At N.J.A.C. 5:23-3.21(c)9ii, in Exception #3 of Section R1003.18, Chimney clearance, 12 inches would be changed to 8 inches as a result of an change in the IRC/2015.

36. At N.J.A.C. 5:23-3.21(c)10, in Chapter 11, Energy efficiency, the chapter would no longer be deleted. In the 2015 code development cycle, the International Code Council decided to have the requirements of Chapter 11 of the IRC/2015 match the residential requirements of the 2015 International Energy Conservation Code which is proposed for adoption at N.J.A.C. 5:23-3.18. There is no longer a need to delete this section to eliminate the conflict as there is no longer a conflict. The amendments would be consistent with the amendments to the 2015 International Energy Conservation Code.

37. At N.J.A.C. 5:23-3.21(c)14i, Section M1801.3.2, Flue passageways, the term “certification” would be amended to “verification” to provide for consistency with an amendment to N.J.A.C. 5:23-2.20(d).

38. At N.J.A.C. 5:23-3.21(c)15i, Section M2005.1, General, the cross reference to “Chapter 28” would be deleted and “the plumbing subcode (N.J.A.C. 5:23-3.15)” would be inserted.

39. At N.J.A.C. 5:23-3.21(c)16ii, Section M2105.18, Protection of potable water, the cross reference to “Section P2902” would be deleted and “the plumbing subcode (N.J.A.C. 5:23-3.15)” would be inserted.

40. At N.J.A.C. 5:23-3.21(c)16iii, Section M2103.3, Pipe joints, the cross reference to “Section P3003.6.1” in Item #2 would be deleted and “the plumbing subcode (N.J.A.C. 5:23-3.15)” would be inserted.

41. At N.J.A.C. 5:23-3.21(c)16iv, Section M2105.19, Pipe penetrations, the cross reference to “Section P2606.1” would be deleted and “the plumbing subcode (N.J.A.C. 5:23-3.15)” would be inserted.

42. At N.J.A.C. 5:23-3.21(c)18i, Section M2301.4, Heat transfer gases or liquids and heat exchangers, the cross reference to “Section P2902.5.2” would be deleted and “the plumbing subcode (N.J.A.C. 5:23-3.15)” would be inserted.

43. At N.J.A.C. 5:23-3.21(c)18ii, Section M2301.7, Solar thermal systems for heating potable water, the cross reference to “Section P2902.5.5” would be deleted and “the plumbing subcode (N.J.A.C. 5:23-3.15)” would be inserted.

44. At N.J.A.C. 5:23-3.21(c)18iii, Section M2301.7.1, Indirect systems, the cross reference to “Section P2902.5.2” would be deleted and “the plumbing subcode (N.J.A.C. 5:23-3.15)” would be inserted.

45. At N.J.A.C. 5:23-3.21(c)18iv, Section M2301.7.2, Direct systems, the cross reference to “Chapter 29” would be deleted and “the plumbing subcode (N.J.A.C. 5:23-3.15)” would be inserted.

46. At N.J.A.C. 5:23-3.21(c)19ii, Section G2403, General definitions, deletes definitions already defined in Chapter 2 of the one- and two-family dwelling subcode and reformats this section into one amendment.

47. The existing amendment at N.J.A.C. 5:23-3.21(c)19xii is proposed for deletion because requirements for the purging of gas piping are now contained in the IRC/2015.

48. At N.J.A.C. 5:23-3.21(c)19xii and xiii, Section G2425.15.2, Flue passageways, and Section G2427.5.5, Inspection of chimneys, the term “certification” would be amended to “verification” to provide for consistency with an amendment to N.J.A.C. 5:23-2.20(d).

49. The existing amendment at N.J.A.C. 5:23-3.21(c)24, Chapter 44, Referenced standards would be deleted. The IRC/2015 lists NFPA 13R in the list of standards, therefore, this amendment is no longer necessary.

50. At N.J.A.C. 5:23-3.21(c)24ii, Appendix G, Piping standards for various applications, would be deleted. N.J.A.C. 5:23-3.15, the plumbing subcode, regulates piping standards therefore this appendix would be deleted.

51. The existing amendment at N.J.A.C. 5:23-3.21(c)25iii and iv, Appendix G, Swimming pools, spas and hot tubs, would be deleted. These requirements are contained in the text of the IRC/2015 and are no longer in the appendix.

52. At N.J.A.C. 5:23-3.21(c)24iv, Appendix O, Automatic Vehicular Gates, would be deleted as these appliances are beyond the scope of the Uniform Construction Code. In the same section, the existing amendment to delete the “ICC International Residential Code Electrical Provisions/National Electrical Code Cross-Reference” would be deleted. This appendix is no longer included in the IRC/2015.

53. At N.J.A.C. 5:23-3.21(c)24v, Appendix R, Light Straw-Clay Construction and Appendix S, Strawbale Construction would be included as part of the IBC/2015. These

Appendices reflect new and innovative construction techniques to address “green buildings” and meet the intent and purpose of the Uniform Construction Code Act.

54. At N.J.A.C. 5:23-3.21(c)24vi, Appendix T, Recommended Procedure For Worst-Case Testing Of Atmospheric Venting Systems Under N1102.4 or N1105 Conditions $\leq 5ACH_{50}$; and Appendix U, Solar-Ready Provisions—Detached One- And Two-Family Dwellings, Multiple Single-Family Dwellings (Townhouses), would be deleted as these provisions are beyond the scope of the Uniform Construction Code.

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

1. At N.J.A.C. 5:23-3.22(a) and (b), references to the International Fuel Gas Code 2009 (IFGC/2009) would be changed to reference the International Fuel Gas Code 2015 (IFGC/2015).

2. At N.J.A.C. 5:23-3.22(b)2i, in Section 201.3, Terms defined in other codes, the regulatory citation would be provided for the plumbing subcode.

3. At N.J.A.C. 5:23-3.22(b)2iii, the definition of the term “approved” as it is defined at N.J.A.C. 5:23-3.21(c)2iii would be repeated here.

4. At N.J.A.C. 5:23-3.22(b)2iv, the definition of the term “approved agency” as it is defined at N.J.A.C. 5:23-3.21(c)2iv would be repeated here.

5. At N.J.A.C. 5:23-3.22(b)2vii, the definition of the term “dwelling unit” would be amendment consistent with the proposed amendment at N.J.A.C. 5:23-3.14(b)2xi that is included as part of this proposal

6. At N.J.A.C. 5:23-3.22(b)3iii, in Section 301.6, Plumbing connections, the reference to the “International Plumbing Code” would be deleted and “the plumbing subcode” would be inserted.

7. At N.J.A.C. 5:23-3.22(b)4v, in Section 406.7, Purging, the amendment would be deleted because the requirements are now included in the IFGC/2015.

8. At N.J.A.C. 5:23-3.22(b)5i and ii, the term “certification” would be amended to “verification” to provide for consistency with the current requirements at N.J.A.C. 5:23-2.20(d).

9. At NJAC 5:23-3.22(b)6ii, in Section 624.1.1, Installation requirements and Section 624.2, Water heaters utilized for space heating, the reference to the “International Plumbing Code” would be deleted and “the plumbing subcode” would be inserted.

10. The current amendment at N.J.A.C.5:23-3.22(b)7i(1), would be deleted. The International Existing Buildings Code (IEBC) is no longer referenced in the IFGC/2015.

Barrier Free Subcode (N.J.A.C. 5:23-7)

The sections of the Barrier Free Subcode, N.J.A.C. 5:23-7.1- 7.14 and 7.20, which contain the technical requirements now being adopted by reference as part of the building subcode, would be deleted and those sections would be reserved. The reason for this change has been discussed above. The sections of the Barrier Free Subcode that contain the requirements for recreation (N.J.A.C. 5:23-7.15-7.32 except 7.20) would be retained with no change in text and without renumbering.

As the Department has provided a 60-day comment period on this notice of proposal, this

notice is excepted from the rulemaking calendar requirement pursuant to N.J.A.C. 1:30-3.3(a)5.

Social Impact

The amendments and accompanying repeal are proposed to 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 Uniform Construction Code Act by providing for the use of the latest construction methods, techniques and materials 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 above, the proposed amendments include enhancements 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 building or home owners .

Economic Impact

The Department anticipates that the proposed amendments and repeal would have a positive economic impact because clear and current technical standards promote cost effective construction. Because 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. The narrowing of the “wind borne debris region” to exclude New Jersey in both the building subcode and the one- and two-family subcode would eliminate the requirement for impact-resistant glazing in all but Category IV structures (hospital, police and fire stations and

emergency shelters) resulting in a cost savings in new construction in areas formerly identified as part of the wind borne debris region. The building subcode proposed for adoption includes a change to establish a threshold of 2,500 square feet for the requirement for sprinklers in buildings of Group F-1 (factories) and 5,000 square feet for buildings of Group M (mercantile establishments) where upholstered furniture or mattresses are manufactured, displayed or sold. The currently-adopted subcode contains no threshold. This change will result in a cost savings for small facilities. The building subcode proposed for adoption also contains a new requirement for floor-level exit signs in hotels and motels. As stated above, the incremental cost of compliance is not significant when compared with the total cost of construction of a hotel. Similarly, the mechanical subcode proposed for adoption contains a new requirement for carbon monoxide detectors in enclosed parking garages. The one- and two-family dwelling subcode proposed for adoption contains a requirement for the protection of basement floors constructed of engineered wood by the installation of ½ inch gypsum wallboard or 5/8 inch wood structural panels in buildings not provided with fire sprinklers. Again, the incremental cost of compliance is not significant as compared to the overall cost of compliance of a new home. In the electrical subcode proposed for adoption, there is a new requirement for arc fault protection of all outlets serving kitchens and laundry rooms within dwelling units. Finally, there is a new requirement for a rapid shutdown of photovoltaic systems in buildings. Again, the incremental cost of compliance is not significant as compared to overall cost. The question of the cost of compliance with the energy subcode requirements (N.J.A.C. 5:23-3.18) and their projected payback is provided in the summary of the energy subcode above.

Federal Standards Statement

No Federal standards analysis is required for the proposed amendments and repeal

because the amendments are not being proposed in order to implement, comply with, or participate in any program established under Federal law or under a State law that incorporates or refers to Federal law, standards, or requirements. 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 US DOE requirements promulgated pursuant Title III of the federal Energy Conservation and Production Act of 1976, as amended, and in the proposed amendments to the accessibility requirements which also are discussed above.

Jobs Impact

The proposed amendments and repeal to adopt the latest editions of the national model codes that comprise the Uniform Construction Code are not expected to have an impact on the creation or loss of jobs.

Agriculture Industry Impact

The Department does not anticipate that the proposed amendments and repeal will impact the agriculture industry.

Regulatory Flexibility Analysis

The proposed amendments impose technical compliance requirements on builders, some of which are “small businesses” as defined under 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. Builders would be required to comply with the requirements of the adopted subcodes of the Uniform Construction Code as would any other entity performing construction the State. Because 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 in order to comply with the UCC.

Smart Growth Development Impact

The proposed amendments and repeal update various subcodes of the State Uniform Construction Code. Because 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 one and two or within designated centers under the State Development and Redevelopment Plan.

Housing Affordability Impact

The proposed amendments and repeal to adopt the most recent editions of the national model codes are expected to have modest impact on housing affordability; the cost and payback of the proposed amendments to the energy subcode are discussed in the summary of this rule proposal above. The construction of affordable housing would experience an initial cost increase, which would be balanced by a payback in energy savings over the life of the building.

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

5:23-3.14 Building subcode

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

1. Pursuant to authority of P.L. 1975, c. 217, as modified by P.L. 1996, c. 53, the Commissioner hereby adopts the model code of the International Code Council, [2009] **2015** International Building Code, known as the "IBC/[2009]**2015**." This code is hereby adopted by reference as the building subcode for New Jersey subject to the modifications stated in (b) below.

i. (No change.)

ii. The IBC/[2009] **2015**, as amended, may be known and cited as the "building subcode."

2. Any references to the International Plumbing Code[,]**or** the International Existing Building Code[, International Residential Code, or the ICC/ANSI A117.1 standard (including reference to Chapter 11)] listed in Chapter 35 shall be considered a reference to the appropriate plumbing subcode[, and the one- and two-family dwelling subcode referenced in N.J.A.C. 5:23-3,] **or to** the rehabilitation subcode, N.J.A.C. 5:23-6, [or to the barrier free subcode, N.J.A.C. 5:23-7,] as appropriate.

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

1. (No change.)

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

i. – vi. (No change.)

vii. The definition of “change of occupancy” shall be deleted.

viii. The definition of “Congregate living facility” shall be deleted.

ix. In the definition of “Custodial Care” the last sentence shall be deleted.

x. The definition of “deferred submittal” shall be deleted.

xi. In the definition of "Dwelling Unit," "living as a single housekeeping unit" shall be inserted after "persons."

xii. 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.”

xiii. 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.”

Renumber vii. as xiv. (No change in text.)

xv. The definition of “foster care facilities” shall be deleted.

[viii. In the definition of "Dwelling Unit," "living as a single housekeeping unit" shall be inserted after "persons."]

xvi. The definition of “guest room” shall be deleted.

[ix.] **xvii. The definitions of "historic building" [and "jurisdiction"] shall be deleted.**

xviii. The definition of “incapable of self-preservation” shall be deleted.

xix. The definition of “jurisdiction” shall be deleted.

xx. The definition of “lodging house” shall be deleted.

xxi. In the definition of "merchandise pad," "as indicated in Section 105.2" shall be deleted.

Renumber x. – xi. as xxii.- xxiii. (No change in text.)

[xii.] **xxiv.** The definitions of "permit," **and** "person," [and "repair"] shall be deleted.

xxv. The definition of the term “personal care service” shall be deleted.

xxvi. A definition of “radioactive material” shall be inserted as follows:

"Radioactive Material. Any material or combination of materials that spontaneously emit ionizing radiation."

Renumber xiii. as xxvii. (No change in text.)

xxviii. The definition of the term “repair” shall be deleted.

xxix. The definition of the “Residential Health Care Facility” shall be inserted as follows” RESIDENTIAL HEALTH CARE FACILITY. A facility not located with, and operated by, a licensed health care facility that provides food, shelter, supervised health care and related services, in a homelike setting, to four or more persons 18 years of age or older who are unrelated to the owner or administrator.”

xxx. The definition of "Rooming House" shall be inserted as follows:

"ROOMING HOUSE: A building arranged or used for single occupancy where no meals

or personal or financial services are provided to the residents. For the purposes of applying this definition, personal services shall mean, any services permitted or required to be furnished by an owner or operator to a resident, other than shelter, including but not limited to, meals or other food services, and assistance in dressing, bathing or attending to other personal needs."

xxxi. The definition of "Single Residential Occupancy" shall be inserted as follows: "Single Residential Occupancy: A building arranged or used for individual non-transient residency by persons living independently of one another, regardless of whether the residents share the use of common facilities, such as kitchen or bathing facilities."

xxxii. In the definition of "Special Inspector", "building official" shall be deleted and "construction official" shall be inserted. Additionally, the following sentence shall be added: "Special inspectors shall be certified in accordance with the administrative provisions of the Uniform Construction Code."

xxxiii. The definition of the term "start of construction" shall be deleted.

Renumber xiv. as xxxiv. (No change in text.)

xxxv. The definition of the terms "substantial improvement" and substantial structural damage" shall be deleted.

xxxvi. The definition of "Type B Unit" shall be deleted.

[xv. The following terms and definitions referencing Chapter 11 shall be deleted:
Accessible; Accessible Route; Accessible Unit; Circulation path; Common use; Detectable warning; Dwelling Unit or Sleeping Unit, Multistory; Dwelling Unit or Sleeping Unit, Type A;

Dwelling Unit or Sleeping Unit, Type B; Employee Work Area; Facility; Intended to be occupied as a residence; Multistory Unit; Multilevel Assembly Seating; Public Entrance; Public-Use area; Self-service storage facility; Service entrance; site; Type A unit; Type B unit; and Wheelchair space.]

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

[i. In Exception 4 of Section 303.1, entitled "Assembly Group A", delete the following text: "Chapter 11" and insert "the Barrier Free Subcode, *N.J.A.C. 5:23-7*" in its place.

ii. In Section 303.1, Delete "Dance halls (not including food or drink consumption)" from Group A-3 and insert "Dance halls" into Group A-2.]

Renumber iii. as i. (No change in text.)

[iv.] **ii.** In Section 307.2, Definitions, the following [definition] **term** shall be inserted: "RADIOACTIVE MATERIAL. [Any material or combination of materials that spontaneously emit ionizing radiation.]"

Renumber v. as iii. (No change in text.)

iv. 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.

v. In Section 308.2, Definitions, the following term shall be inserted: "BOARDING HOUSE", "EVACUATION, IMPRACTICAL", "EVACUATION, SLOW" and "RESIDENTIAL HEALTH CARE FACILITES". Additionally, the following terms

shall be deleted: “FOSTER CARE FACILITES” and “INCAPABLE OF SELF PRESERVATION”.

vi. [Section 308.2, Group I-1, shall be amended as follows: In the first sentence, "16" shall be deleted and "5" shall be inserted. In the second sentence, "responding to" shall be deleted and "slow evacuation in " shall be inserted. In addition, "For the purposes of applying this provision, slow evacuation shall mean the movement of all occupants, residents, and staff to an exit in more than three minutes, but not more than thirteen minutes." shall be inserted as the third sentence. In the list of types of occupancies, "residential board and care facilities, assisted living facilities" shall be deleted and "boarding houses" shall be inserted. In the same list, "abuse" shall be inserted after "drug." Also, in the last paragraph, "in accordance with Section 101.2" and "A facility such as above, housing at least six and not more than 16 persons shall be classified as a Group R-4" shall be deleted and the following definition of "boarding house" shall be inserted: "Boarding House: A building arranged or used for single occupancy where meals or personal or financial services are provided to the residents."] **In Section 308.3, 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.**

vii. In Section [308.3] **308.4**, Group I-2, "who are [not capable] **incapable** of self-preservation" shall be deleted and "where evacuation is impractical" **shall be inserted**. [For the purposes of applying this provision, impractical evacuation shall mean the movement of all

occupants, residents, and staff to an exit in more than 13 minutes" shall be inserted. In the list of types of occupancies, "assisted living facilities" shall be inserted.] **Additionally, "Assisted living facilities" shall be added to the list and "Foster care facilities" shall be deleted.**

viii. In Section 308.4.2, Five or fewer persons receiving medical care, in the sixth and seventh line delete "903.3.1.3 or with Section P2904 of the International Residential Code" and insert "903.3.1.1".

ix. In Section 308.5, Institutional Group I-3, in the fourth and fifth lines "who are generally incapable of self-preservation" shall be deleted in "where evacuation is impractical" shall be inserted.

[viii. In Section 308.5, Group I-4, in the second sentence, "with" shall be deleted and "accessory to a dwelling unit and having" shall be inserted and "in accordance with Section 101.2" shall be deleted.

ix. In Section 308.5.1, Adult Care Facility, "accommodations for less than 24 hours for more than five unrelated adults and provides" shall be deleted, "services" shall be deleted after "care," and the following shall be inserted: "on less than a 24-hour basis where evacuation is slow or impractical, shall be classified as Group I-4. For the purposes of applying this provision, impractical evacuation shall mean the movement of all occupants, residents, and staff to an exit in more than thirteen minutes and slow evacuation shall mean the movement of all occupants, residents, and staff to an exit in more than three minutes, but not more than thirteen minutes." In the exception, "of responding to an emergency situation" shall be deleted and "of prompt evacuation" shall be inserted. In addition, "For the purposes of applying this

provision, prompt evacuation shall mean the movement of all occupants, residents, and staff to an exit in three minutes or less." shall be inserted as the second sentence.

x. In Section 308.5.2, Child Care Facility, "more than five" shall be deleted. In the same section, the exception shall be deleted and replaced with the following: "Exception: Child day care facilities, accessory to a dwelling unit, serving five or fewer persons of any age for less than 24 hours shall be considered Group R-3 or R-5, as applicable."]

x. Section 308.6.1, Classification as Group E, shall be deleted in its entirety.

[xi. Section 310, Residential Group R, shall be deleted and the following shall be inserted:

"310.1 Residential Group R. Residential Group R includes, among others, the use of a building or structure, or a portion thereof, for sleeping purposes when not classified as an Institutional Group I. Residential occupancies shall include the following:

(1) R-1 Residential occupancies containing sleeping units where the occupants are primarily transient (less than 30 days) including:

Hotels (including motels) having transient occupancy

Rooming houses, with more than five residents, having transient occupancy

Vacation timeshare properties

(2) R-2 Residential occupancies containing sleeping units or more than two dwelling units where the occupants are primarily permanent in nature, including:

Apartment houses

Convents

Dormitories

Fraternity and sorority houses

Hotels (non-transient)

Monasteries

Motels (non-transient)

Rooming houses with more than five residents, not having transient occupancy

Therapeutic residences with more than 16 residents

(3) R-3 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 R-3 includes:

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-1, R-2 or I-1, as appropriate.)

Adult and child day care facilities, accessory to a dwelling unit, serving five or fewer persons of any age for less than 24 hours.

Group Homes with 5 or fewer occupants, all of whom are capable of prompt self-evacuation. For the purpose of applying this requirement, prompt self-evacuation shall mean the movement to an exit in three minutes or less.

Rooming houses with five or fewer residents.

Therapeutic residences with five or fewer residents.

(4) R-4 Therapeutic residences including more than five but not more than 16 occupants, excluding staff.

Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3 except as otherwise provided in the code.

(5) R-5 Detached one- and two-family dwellings not more than three stories in height with a separate means of egress and multiple single-family townhouses not more than three stories in height with a separate means of egress designed and constructed in accordance with the one- and two-family dwelling subcode. Group R-5 also includes:

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.)

Adult and child day care facilities, accessory to a dwelling unit, serving five or fewer persons of any age for less than 24 hours.

Group Homes with 5 or fewer occupants, all of whom are capable of prompt self-evacuation. For the purpose of applying this requirement, prompt self-evacuation shall mean the movement to an exit in three minutes or less.

Rooming houses with five or fewer residents.

Therapeutic residences with five or fewer residents."]

xi. In Section 310.2, Definitions, the following terms shall be deleted: “CONGREGATE LIVING FACILTIES”, “GUEST ROOM”, “LODGING HOUSE”, PERSONAL CARE SERVICE”. Additionally, the following terms shall be inserted: “SINGLE RESIDENTIAL OCCUPANCY”, “EVACUATION, SLOW” and “ROOMING HOUSE”.

xii. In Section 310.3, Residential Group R-1, in the third 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”

xiii. In Section 310.4, Residential Group R-2, in the third line “in nature” shall be deleted. Additionally, the following shall be deleted from the list of occupancies: “Boarding houses (non-transient) with more than 16 occupants”, “Congregate living facilities (non-transient) with more than 16 occupants”, “Hotels (non-transient)”, “Motels (non-transient)” and “Vacation timeshare properties”. The following item shall be added to the list: “Rooming houses with more than 5 occupants”.

xiv. In Section 310.5, Residential Group R-3, in the second and third line “in nature” shall be deleted. Additionally, in the list of occupancies, the second entry, Boarding houses (non-transient) shall be amended by deleting “(non-transient)”, by deleting “16” and by inserting “5”. The term “Boarding houses (transient) with 10 or fewer occupants”, “Congregate living facilities (non-transient) with 16 or fewer occupants”,

“Congregate living facilities (transient) with 10 or fewer occupants” and “Lodging houses with five or fewer guest rooms” 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 308.3.4”, “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.

xv. Section 310.5.1, Care facilities within a dwelling, and Section 310.5.2, Lodging houses, shall be deleted.

xvi. In Section 301.6, 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.

xvii. New Section 310.7, Residential Group R-5 shall be inserted as follows: Residential Group R-5 occupancies shall include all detached one- and two-family dwellings not more than three stories in height with a separate means of egress and multiple single-family townhouses not more than three stories in height with a separate

means of egress designed and constructed in accordance with the International Residential Code. This Group shall also include:

Care facilities that provide accommodations for five or fewer persons receiving care

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.)

Group Homes with 5 or fewer occupants in accordance with Section 908.3.4

Rooming houses with five or fewer residents.”

4. [Section 310.2, Definitions, shall be amended as follows:

i. The definition of "Boarding House" shall be deleted in its entirety.

ii. The definition of "Personal Care Service" shall be deleted in its entirety.

iii. The definition of "Residential Care/Assisted Living Facilities" shall be deleted in its entirety.

iv. The definition of "Rooming House" shall be inserted as follows: "Rooming House: A building arranged or used for single occupancy where no meals or personal or financial services are provided to the residents."

v. The definition of "Single Residential Occupancy" shall be inserted as follows: "Single Residential Occupancy: A building arranged or used for individual non-transient residency by persons living independently of one another, regardless of whether the residents share the use of common facilities, such as kitchen or bathing facilities."

vi. The definition of "Therapeutic Residence" shall be inserted as follows:
"Therapeutic Residence: A residence for adults, each of whom is capable of prompt evacuation, and who live within a single dwelling unit for therapeutic purposes, without a resident landlord or operator, but with some government or private social service provider oversight. For the purposes of applying this provision, prompt evacuation shall mean the movement of all occupants, residents, and staff to an exit in three minutes or less."

vii. The definition of "Transient Occupancy" shall be inserted as follows:
"Transient Occupancy: A residential occupancy where no more than fifteen percent of the residents occupy the residency for more than 90 days."

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

i. In Section [402.4.2] **402.8.3**, Number of Means of Egress, "used by persons other than employees" shall be deleted.

[ii. In Section 403.4.7, Standby power, "Chapter 27" shall be deleted and "the electrical subcode (*N.J.A.C. 5:23-3.16*)" shall be inserted.

iii. In Section 403.4.8, Emergency power systems, "Chapter 27" shall be deleted and "the electrical subcode (*N.J.A.C. 5:23-3.16*)" shall be inserted.

iv. In Section 405.8, Standby power, "Chapter 27" shall be deleted and "the electrical subcode (*N.J.A.C. 5:23-3.16*)" shall be inserted.

v. In Section 405.9, Emergency power, "Chapter 27" shall be deleted and "the electrical subcode (*N.J.A.C. 5:23-3.16*)" shall be inserted.]

[vi.] **ii.** In Section [406.1.4 Separation, Item 1 shall be deleted and] **406.3.4.1, Dwelling unit separation, the last sentence shall be deleted.** [the following text from the 2000 International Building Code as amended by New Jersey shall be inserted:

"1. A private garage located beneath a room(s) shall have walls, partitions, floors, and ceilings separating the garage from the adjacent interior spaces constructed with not less than a one-hour fire resistance rating (See FTO 13). Attached private garages shall be completely separated from the adjacent interior spaces and the attic area by a means of 1/2-inch gypsum board or equivalent applied to the garage side. Door openings between the garage and the residence shall be equipped with either solid wood doors not less than 1 3/8 inches (35 mm) thick, solid or honeycomb core steel doors not less than 1 3/8 inches (35 mm) thick or doors in compliance with Section 715.4.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted."]

iii. In Section 407.4.4.1, Exit access through care suites, the first sentence shall be deleted.

iv. In Section 407.10, Electrical systems, "Chapter 27" shall be deleted and "the electrical subcode (N.J.A.C. 5:23-3.16)" shall be inserted.

Re-number vii. as v. (No change in text.)

[viii. In Section 412.3.5, Standby power, "Chapter 27" shall be deleted and "the electrical subcode (N.J.A.C. 5:23-3.16)" shall be inserted.

ix. In Section 412.3.6, Accessibility, "Chapter 11" shall be deleted and "the barrier free subcode (N.J.A.C. 5:23-7)" shall be inserted.]

Renumber x. as vi. (No change in text.)

[xi. In Section 414.5.4, Standby or electrical power, "Chapter 27" shall be deleted and "the electrical subcode (N.J.A.C. 5:23-3.16)" shall be inserted.

xii. In Section 417.1, General, "Chapter 28" shall be deleted and "the mechanical subcode (N.J.A.C. 5:23-3.20)" shall be inserted.

xiii. In Section 419.7, Accessibility, "Chapter 11" shall be deleted and "the barrier free subcode (N.J.A.C. 5:23-7)" shall be inserted.]

vii. In Section 419.9, Plumbing facilities, "Chapter 29" shall be deleted in the first and second sentence and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

[xiv. In Section 421.8, Standby power, "Chapter 27" shall be deleted and "the electrical subcode (N.J.A.C. 5:23-3.16)" shall be inserted.]

Renumber xv. as viii. (No change in text.)

[6.] **5.** Chapter 5, General Building Heights and Areas, shall be amended as follows:

i. (No change.)

ii. Table 504.3 "ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE" shall be amended as follows:

(1) In the first column, OCCUPANCY CLASSIFICATION, Group U shall be deleted.

(2) In the first column, OCCUPANCY CLASSIFICATION, superscript ⁱ shall be inserted at Group I-4. In addition, the following note shall be added to the table: : “i. Child care facilities of Types IIB, III, IV or V construction shall be limited to 20 feet in height above grade plane.”

(3) Footnotes c, d, e, f and h shall be deleted.

(4) Under Occupancy Classification H-1, H-2, H-3, H-5, the NS in the second column shall be deleted.

(5) Under Occupancy Classification H-4, the row that begins with NS shall be deleted.

(6) Under Occupancy Classification I-1 Condition 1, I-3, the row that begins with NS shall be deleted.

(7) Under Occupancy Classification I-1 Condition 2, I-2, the row that begins with NS shall be deleted.

(8) Under the Occupancy Classification I-4, in the second column, the reference to footnote d shall be deleted from the NS.

(9) Under Occupancy Classification R, the row that begins with NS shall be deleted.

[ii.] iii. Table [503] 504.4, [Allowable Heights and Building Areas] ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE, shall be amended as follows:

(1) Footnotes c, d, e, f and h shall be deleted.

[(1)] **(2)** Under construction Type VA for Group A-1 NS, "2" shall be deleted and "1" shall be inserted **and for Group A-1 S, “3” shall be deleted and “2” shall be inserted.**

[(2)] **(3)** Under construction Type IB for Group A-2 NS, "11" shall be deleted and "3" shall be inserted **and for A-2 S, “12” shall be deleted and “4” shall be inserted.** Under construction Types IIA and IIB for Group A-2 NS, "3" and "2" shall be deleted and "2" and "1" shall be inserted, respectively **and for Group A-2 S, “4” and “3” shall be deleted and “3” and “2” shall be inserted, respectively.** Under construction Types IIIA and IIIB for Group A-2 NS, "3" and "2" shall be deleted and "2" and "1" shall be inserted, respectively **and for A-2 S, “4” and “3” shall be deleted and “3” and “2” shall be inserted, respectively.** In addition, under construction Type IV for Group A-2 NS, "3" shall be deleted and "2" shall be inserted **and for Group A-2 S, “4” shall be deleted and “3” shall be inserted.** Finally, under construction Type VA for Group A-2 NS , "2" shall be deleted and "1" shall be inserted **and for A-2 S “3” shall be deleted and “2” shall be inserted.**

[(3)] **(4)** Under construction Type IB for Group A-3 NS, "11" shall be deleted and "5" shall be inserted **and for A-3 S, “12” shall be deleted and “6” shall be inserted.** In addition, under construction Type VA for Group A-3 NS, "2" shall be deleted and "1" shall be inserted **and for Group A-3 S, “3” shall be deleted and “2” shall be inserted.**

[(4)] **(5)** Under construction Type IB for Group A-4 NS, "11" shall be deleted and "5" shall be inserted **and for Group A-4 S, “12” shall be deleted and “6” shall be**

inserted. In addition, under construction Type VA for Group A-4 **NS**, "2" shall be deleted and "1" shall be inserted **and for Group A-4 S, “3” shall be deleted and “2” shall be inserted.**

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

[(6)] **(7)** Under construction Type IB for Group B **NS**, "11" shall be deleted and "7" shall be inserted **and for Group B S, “12” shall be deleted and “8” shall be inserted.** In addition, under construction Type IIIA for Group B **NS**, "5" shall be deleted and "4" shall be inserted **and for Group B S, “6” shall be deleted and “5” shall be inserted.**

[(7)] **(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.**

[(8)] **(9)** Under construction Type IB for Group F-2 **NS**, "11" shall be deleted and "7" shall be inserted **and for Group F-2 S, “12” shall be deleted and “8” shall be inserted.**

(10) Under Occupancy Classifications H-1, H-2, H-3, H-4 and H-5, the row that begins with NS shall be deleted.

[(9)] **(11)** Under construction Type IA for Group H-2 **S**, "UL" shall be deleted and "3" shall be inserted. In addition, [the maximum number of stories and maximum allowable area] for **construction type VB for Group H-2 S**, [construction Type VB] **“1”** shall be deleted and "NP" shall be inserted.

[(10)] **(12)** Under construction Type IA for Group H-3 S, "UL" shall be deleted and "7" shall be inserted. In addition, under construction Type IIIA for Group H-3 S, "4" shall be deleted and "3" shall be inserted.

[(11)] **(13)** Under construction Type IA for Group H-4 S, "UL" shall be deleted and "7" shall be inserted. In addition, under construction Type IIIA for Group H-4 S, ["5"] **“6”** shall be deleted and ["4"] **“5”** shall be inserted.

(14) Under Occupancy Classifications I-1, Condition 1, I-1, Condition 2, I-2, and I-3, the row that begins with NS shall be deleted.

[(12)] **(15)** Under construction Type VA for Group I-3 S, ["2"] **“3”** shall be deleted and ["1"] **“2”** shall be inserted. In addition, [the maximum number of stories and the maximum allowable area] **under construction type VB** for Group I-3 S, [construction Type VB] **“2”** shall be deleted and "NP" shall be inserted.

[(13)] **(16)** Under [Group] **OCCUPANCY CLASSIFICATION**, add superscript ["^e"] **“i”** to Group I-4. In addition, the following note shall be added to the table: "[e.] **i.** Child care facilities of Types IIB, III, IV or V construction shall be limited to [20 feet and] 1 story."

[(14)] **(17)** Under construction Type IB for Group M NS, "11" shall be deleted and "6" shall be inserted **and for Group M S, “12” shall be deleted and “7” shall be inserted.** In addition, under construction Type IIIA for Group M NS, "4" shall be deleted and "3" shall be inserted, **and for Group M S, “5” shall be deleted and “4” shall be inserted.** Finally, under construction Type VA for Group M NS, "3" shall be deleted and "2" shall be inserted **and for Group M S, “4” shall be deleted and “3” shall be inserted.**

(18) Under Occupancy Classifications R-1, R-2, R-3, and R-4 the row that begins with NS shall be deleted.

[(15)] **(19)** Under construction Type IB for Group R-1 S, ["11"] **“12”** shall be deleted and ["9"] **“10”** shall be inserted. In addition, under construction Type IIB for Group R-1 S, ["4"] **“5”** shall be deleted and ["3"] **“4”** shall be inserted. Finally, under construction Type IIIB for Group R-1 S, ["4"] **“5”** shall be deleted and ["3"]**”4”** shall be inserted.

[(16)] **(20)** Under construction Type IB for Group R-2 S, ["11"] **“12”** shall be deleted and ["9"] **“10”** shall be inserted. In addition, under construction Type IIB for **Group** R-2 S, ["4"] **“5”** shall be deleted and ["3"] **“4”** shall be inserted. Finally, under construction Type IIIB for Group R-2 S, ["4"] **“5”** shall be deleted and ["3"] **“4”** shall be inserted.

[(17)] **(21)** Under construction Type IB for Group R-3 S, ["11"] **“12”** shall be deleted and ["4"]**”5”** shall be inserted. Under construction Type IIB for Group R-3 S, ["4"] **“5”** shall be deleted and ["3"]**”4”** shall be inserted. In addition, under construction Type IIIB for Group R-3 S, ["4"] **“5”** shall be deleted and ["3"] **“4”** shall be inserted. Finally, under construction Type VB for Group R-3 **S and S13R**, ["3"] **“4”** shall be deleted and ["2"] **“3”** shall be inserted.

[(18)] **(22)** Under construction Type IB for Group R-4 S, ["11"] **“12”** shall be deleted and ["4"] **“5”** shall be inserted. Under construction Type IIB for Group R-4 S, ["4"] **“5”** shall be deleted and ["3"] **“4”** shall be inserted. In addition, under construction Type IIIB for Group R-4 S, ["4"] **“5”** shall be deleted and ["3"] **“4”** shall be inserted.

[(19)] **(23)** Under construction Type IB for Group S-1 NS, "11" shall be deleted and "5" shall be inserted **and for Group S-1 S, "12" shall be deleted and "6" shall be inserted.** In addition, under construction Type VA for Group S-1 NS, "3" shall be deleted and "2" shall be inserted **and for Group S-1 S, "4" shall be deleted and "3" shall be inserted.**

[(20)] **(24)** Under construction Type IB for Group S-2 NS, "11" shall be deleted and "7" shall be inserted **and for Group S-2 S, "12" shall be deleted and "8" shall be inserted.** In addition, under construction Type VA for Group S-2 NS, "4" shall be deleted and "3" shall be inserted **and for Group S-2 S, "5" shall be deleted and "4" shall be inserted.**

[(21)] **(25)** [Use] Group U shall be deleted.

iii. [In Section 504.2, Automatic sprinkler system increase, delete Exception #1 in its entirety and insert in its place:

1. Buildings, or portions of buildings, of Type IIB, III, IV or V construction classified as a Group I-2 occupancy or Group I-4 child care facility.

iv.] In Section [505.4]**505.2.3**, Openness, Exception 5 shall be deleted in its entirety.

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

(1) Footnotes c, d, e, f and h shall be deleted.

(2) Under construction Type IIIB, IV, VA and VB for Group A-5 NS, S1 and SM, "UL" shall be deleted.

(3) Under Occupancy Classifications H-1, H-2, H-3, H-4, and H-5, the row that begins with NS shall be deleted.

(4) Under construction Type VB for Group H-2 S-1 and SM, “3,000” shall be deleted and “NP” shall be inserted.

(5) Under Occupancy Classifications I-1, I-2, and I-3, the row that begins with NS shall be deleted.

(6) Under construction Type VB for Group I-3 S1, “20,000” shall be deleted and “NP” shall be inserted and for Group I-3 SM, “15,000” shall be deleted and “NP” shall be inserted.

(7) Group U shall be deleted.

v. [In Section 506.2.2, Open space limits, "not less than 20 feet in width," shall be inserted at the end of the sentence.

vi.] Section [507.2, Unsprinklered] **507.3 Nonsprinklered**, one story, shall be deleted in its entirety.

[vii.] **vi.** Section [507.4] **507.5, Two-Story buildings**, shall be amended as follows: In the [first] **second** line, " of Type I or Type II construction that is" shall be inserted after "building."

[viii.] **vii.** In Table 508.4, Required Separation of Occupancies (Hours),["U^d"] **“U”** shall be deleted in the fifth row and the fifth column of the table.

[7.] **6.** Chapter 6, Types of Construction, shall be amended as follows:

i. In Table 602, Fire Resistance Rating Requirements for Exterior Walls Based on Fire Separation Distance^[a], "U" shall be deleted from the heading of the fifth column. [In addition, in the same table, Note b shall be deleted.]

ii. (No change.)

[8.] **7. Chapter 7, [Fire-Resistance-Rated Construction] Fire and Smoke Protection Features**, shall be amended as follows:

i. In Section 703.3, [Alternative] Methods for determining fire resistance, Item #5 is amended to delete "Section 104.11" and insert "*N.J.A.C. 5:23-3.7*" in its place.

ii. In Section 703.4, Automatic sprinklers, in the last sentence, “Sections 104.10 and 104.11” shall be deleted and “N.J.A.C. 5:23” shall be inserted.

iii. In Section 705.2.3, Combustible Projections, in the exception “and U” shall be deleted.

Renumber ii as iv. (No change in text.)

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

Renumber iii – iv. as vi.- vii. (No change in text.)

[v.] **viii.** In Table [707.3.9] **707.3.10**, Fire-Resistance Rating Requirements For Fire Barrier Assemblies or Horizontal Assemblies Between Fire Areas, the last row containing "U" and "1" shall be deleted.

[vi. In Section 708.2, Shaft enclosure required, Exception 11 shall be deleted in its entirety.

vii. Section 708.14.1, Elevator lobby, shall be amended as follows: In the first sentence, "In buildings having occupied floors greater than 75 feet above the lowest level of fire department vehicle access" shall be inserted before "An." In the same section, Exceptions 4 and 6 shall be deleted in their entirety.

viii. Section 708.14.2, Enclosed elevator lobby pressurization alternative, shall be deleted in its entirety.]

[9.]**8.** Chapter 9, Fire Protection Systems, shall be amended as follows:

i. - ii. (No change.)

[iii. In Section 901.6.3, Group H, in the exception, "building official" shall be deleted and "fire protection subcode official" shall be inserted.]

Renumber iv.- v. as iii. - iv. (No change in text.)

[vi.] **v.** Section 903.2.1.2., Group A-2, shall be amended to add a new section 903.2.1.2.1 as follows: "903.2.1.2.1 In Group A-2 Nightclubs, the automatic sprinkler system shall be tied to the performance sound system and to the house lights in such a way that activation of the automatic sprinkler system mutes the performance sound system and restores the intensity of illumination to that required by [1006.2] **1008.2.**"

[vii.] **vi.** 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”**. [the exception shall be deleted and the following shall be inserted:

"Exceptions

1. An automatic fire sprinkler system installed in accordance with Section 903.3.1.2. shall be allowed in Group I-1 facilities.

2. For other than buildings of construction Types IIIB or VB, an automatic fire sprinkler system shall not be required for Group I-4 child care facilities that are located at the level of exit discharge and that accommodate 100 or fewer children and in which each child care room has an exit door directly to the exterior."]

[viii.] **vii.** In Section 903.2.11.1, Stories without openings, ", of all buildings where the floor area exceeds 1,500 square feet (139.4 m2) and" shall be deleted. **Additionally, in Item #1, in the first sentence, “exterior stairway complying with Section 1009 or an outside ramp complying with Section 1010” shall be deleted and “exterior exit stairway or ramp complying with Section 1027” shall be inserted.**

[ix.] **viii.** 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 according to table 903.2.13, Automatic Sprinkler System Thresholds. All others not listed shall follow the applicable requirements as set forth in the IBC/[2009] **2015.**

Automatic Sprinkler System Thresholds

Group B

	IIB	IIIB	VB
Story	Max. Area	Max. Area	Max. Area
1	36,000	*	*

Automatic Sprinkler System Thresholds

Group B

2	72,000 (36,000 per floor)	*	*
3	99,360 (36,000 per floor)	99,360 (36,000 per floor)	*

Group F-2

Story	IIB Max. Area	IIIB Max. Area	VB 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

Automatic Sprinkler System Thresholds

Group B

	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 [406.3] **406.5**

*Requirements as set forth in the IBC/[2009] **2015**"

ix. In 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.

x. In Section 903.3.5, Water supplies, "International Plumbing Code" shall be deleted and "the plumbing subcode (*N.J.A.C. 5:23-3.15*)" shall be inserted. **Additionally, in the last sentence "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.**

xi. (No change.)

xii. In Section 903.3.8, Limited area sprinkler systems, the text shall be deleted and the following shall be inserted in its place: “903.3.8 Limited area sprinkler systems. Limited area sprinkler systems serving fewer than 20 sprinklers on any single connection are permitted to be connected to the domestic service where a wet automatic standpipe is not available. Limited area sprinkler systems connected to domestic water supplies shall comply with each of the following requirements:

1. Valves shall not be installed between the domestic water riser control valve and the sprinklers.

Exception: An approved indicating control valve supervised in the open position in accordance with Section 903.4.

2. The domestic service shall be capable of supplying the simultaneous domestic demand and the sprinkler demand required to be hydraulically calculated by NFPA 13, NFPA 13R or NFPA 13D.”

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

Renumber xii. – xiii. as xiv. – xv. (No change in text.)

[xiv.]**xvi.** In Section 904.2, Where [required] **permitted**, "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.

xvii. In Section 904.5, Wet-chemical systems, delete the last sentence.

xviii. In Section 904.6, Dry-chemical systems, delete the last sentence.

xix. In Section 904.7, Foam systems, delete the last sentence.

xx. In Section 904.8, Carbon dioxide systems, delete the last sentence.

xxi. In Section 904.9, Halon systems, delete the last sentence.

xxii. In Section 904.10, Clean-agent systems, delete the last sentence.

xxiii. In Section 904.11.1.3 Water supply protection, "International Plumbing Code" shall be deleted and "the plumbing subcode (*N.J.A.C. 5:23-3.15*)" shall be inserted.

[xv.] **xxiv.** In Section 905.2, Installation standards, 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 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** 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 1 1/2-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 1 1/2-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 also** 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.

[905.2.2.2 Interconnection: The required water supply shall be connected to the base of each standpipe riser. Where more than one standpipe riser is required, all risers shall be interconnected with a common supply line. An approved indicating valve shall be installed to permit individual risers to be taken out of service."

905.2.3 Control valves: Where a standpipe system riser also serves as the automatic sprinkler system riser in building required to have both systems or in buildings having both systems, sprinkler control valves shall be installed at each floor level at the connection to the riser.]

Renumber xvi. as xxv. (No change in text.)

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

Renumber xviii. as xxvii. (No change in text.)

[xix.] **xxviii.** Sections 905.3.4 through [905.3.7] **905.3.8** shall be renumbered as 905.3.5 through [905.3.8] **905.3.9** with no change in text.

Renumber xx. as xxix. (No change in text)

[xxi.] **xxx.** [Section 905.4.2, Interconnection, shall be deleted in its entirety and] **Insert Section 905.4.3 from** Section 915.7.1 of the 1996 BOCA National Building Code [shall be inserted] as follows "[905.4.2] **905.4.3** Location: At each floor level and not more than 5 feet (1,524 mm) above the floor, there shall be connected to each standpipe a 2 1/2 inch hose connection with valves and threads compatible with the connections used by the local fire department."

[xxii.] **xxxi.** In Section 905.5.3, Class II system 1-inch hose, "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.

[xxiii. Section 905.6.2, Interconnection, shall be deleted.]

[xxiv.] **xxxii.** In Section 906.1, Where required, [Item #1 and in the exception, "and existing" shall be deleted.] **in the exception to Item #1, number the exception as #1 and insert the following exception from the 2009 International Building Code: “2. In new Group A, B and E occupancies equipped throughout with quick response sprinklers, portable fire extinguishers shall be required only in locations specified in Items 2 through 6.”** Additionally, in Item #6, "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.

xxxiii. In Section 906.5, Where required, "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.

Renumber xxv. – xxvii as xxxiv.- xxxvi. (No change in text.)

xxxvii. Section 907.2.1.2 Emergency voice/alarm communication captions, shall be renumbered as Section 907.2.1.3.

[xxviii.] **xxxviii.** In Section 907.2.3, Group E, Exception #[2.1] **3.1**, "with alarm verification" shall be inserted at the end of the exception [and in Exception #2.5 "fire code official" shall be deleted and "fire protection subcode official" shall be inserted].

Renumber xxix. as xxxix. (No change in text.)

xl. Section 907.2.6, Group I, in Exception #2 "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.

Renumber xxx. – xxxii. as xli. – xliii. (No change in text.)

[xxxiii.] **xliv.** [Section 907.5.2.3.2, Employee work area, is deleted in its entirety.]

Section 907.6.6.2, Termination of monitoring service, shall be deleted.

[xxxiv.] **xliv.** In Section [909.5.1, Leakage area] **909.5.2, Testing of leakage area**, "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.

Renumber xxxv. – xxxviii. as xlvi. – xlix. (No change in text.)

[xxxix. In Section 909.11, Power systems, "Chapter 27 of this code" shall be deleted and "the electrical subcode, *N.J.A.C. 5:23-3.16*" shall be inserted.]

l. Section 909.12.1, Verification, in the exception, "building official" shall be deleted and "fire protection subcode official" shall be inserted.

[xl.] **li.** In Section 909.15, Control diagrams, "fire code official" shall be deleted and "fire protection subcode official" shall be inserted. **Additionally, "in format and manner approved by the fire chief" shall be deleted.**

Renumber xli. – xlii. as lii.- liii. (No change in text.)

[xliii.] **liv.** In Section 909.19, System acceptance, **in the fourth and tenth line and** in the exception, "fire code official" shall be deleted and "fire protection subcode official" shall be inserted.

[xliv. In Section 909.20.6.2, Standby power, "Chapter 27" shall be deleted and "the electrical subcode (*N.J.A.C. 5:23-3.16*)" shall be inserted.]

Renumber xlv. as lv. (No change in text.)

lvi. Section 909.21, Elevator hoistway pressurization alternative, shall be deleted in its entirety.

lvii. In Section 910.1, General, “or otherwise installed” shall be inserted after “this code” in the first line.

[xlvi. Insert the text of Section 910.2.3 of the 2006 edition of the International Building Code as follows: "910.2.3 Exit access travel distance increase. Buildings and portions thereof used as Group F-1 and S-1 occupancy where the maximum exit access travel distance is increased in accordance with Section 1016.2."]

lviii. In Section 911.1.1, Location and access, “fire chief” shall be deleted and “fire subcode official” shall be inserted.

Renumber xlvii. – xlviii. as lix. – lx. (No change in text.)

[xlix.] **lxi. Section 912.2, Location, shall be renumbered as 912.3 [with no change in text] and “fire protection subcode official in coordination with the” shall be inserted before “fire chief” in the last sentence.**

lxii. Section 912.2.1, Visible location, shall be renumbered 912.3.1 and “or as otherwise approved by the fire chief” shall be deleted.

lxiii. [Additionally,] Section 912.2.2, Existing buildings, shall be deleted in its entirety.

[l.] **lxiv. New Section 912.4, Height, shall be inserted as follows:**

"912.4, 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."

[li.] **lxv.** Sections 912.3, [Access] **Fire hose threads**, [and 912.4, Signs] shall be renumbered as 912.5 [and 912.6 respectively,] with no change in text.

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 chief" shall be deleted and "fire protection subcode official" shall be inserted.

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.

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 chief" shall be deleted.

lxix. Section 912.4.3, Physical protection, shall be renumbered as 912.6.3 with no change in text.

lxx. Section 912.5, Signs, shall be renumbered 912.7, with no change in text.

Renumber lii. as lxxi. (No change in text.)

[liii.] **lxxii.** New Section [912.6] **912.9**, Projection, shall be inserted as follows:
"[912.6] **912.9** 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."

lxxiii. Section 913.2.2, Circuits supplying fire pumps, shall be deleted in its entirety.

Renumber liv. as lxxiv. (No change in text.)

lxxv. In Section 915.1, General, the last sentence shall be deleted.

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

i. The term[s "Type A unit,"] " **or** Type B unit," [and "Accessible Unit"] shall be deleted and ["an Adaptable or Accessible Unit"] "**or**" shall be inserted **between "Accessible units" and "Type A units"** in the following sections: Section [1008.1.1] **1010.1.1**, Exception 7; Section [1008.1.5] **1010.1.5**, Exceptions 3 [and 5]; Section [1008.1.7] **1010.1.7**, Exception **1.3**; [Section 1008.1.8, Exception 3;] Section [1010.6.3] **1012.6.3**, Exception 1; and Section [1010.6.4]**1012.6.4**, Exception.

[ii. In Section 1002, Definitions, in the definition of "Merchandise Pad," "as indicated in Section 105.2" shall be deleted.]

Renumber iii. as ii. (No change in text.)

[iv. In Section 1003.5, Elevation change, in Exceptions 1, 2, and 3, "Chapter 11" shall be deleted and "the barrier free subcode (N.J.A.C. 5:23-7)" shall be inserted.]

[v.] **iii.** In Section [1004.1.1] **1004.1.2** , Areas without fixed seating, the exception shall be deleted in its entirety.

iv. In Table 1004.1.2, MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT, in the first column, FUNCTION OF SPACE, twenty-fifth row, delete

“swimming pools”, “and pool” and “Decks”; in the second column, OCUPANT LOAD FACTOR, twenty-fifth row, delete “15 gross”.

Renumber vi. as v. (No change in text.)

[vii. In Section 1006.3, Illumination emergency power, in the last sentence of the last paragraph, "Section 2702" shall be deleted and "the electrical subcode (*N.J.A.C. 5:23-3.16*)" shall be inserted.]

vi. In Section 1006.2.1 Egress based on occupant load and common path of egress travel distance, in Exception #1, the first sentence "and R-3" shall be deleted. In the same sentence, "20" shall be deleted and "10" shall be inserted. In addition, a new exception shall be inserted as follows: "3. In buildings of Group R-3 occupancy".

vii. In Table 1006.3.2(2), Stories with One Exit or Access to One Exit from Other Occupancies, under the heading "Occupancy," "U" shall be deleted from the first row.

viii. In Section [1007.3] **1009.3**, Stairways, Exception [3] **5** shall be deleted.

ix. In Section [1007.4] **1009.4**, Elevators, **in the first sentence, “Chapter 27 shall be deleted and “the electrical subcode (N.J.A.C. 5:23-3.16)” shall be inserted. Additionally,** Exception 2 shall be deleted.

x. In Section [1007.5] **1009.5**, Platform lifts, in [the first sentence, "Section 1109.7, Items 1 through 9" shall be deleted and "the barrier free subcode (*N.J.A.C. 5:23-7*)" shall be inserted. In] the second sentence, "Chapter 27" shall be deleted and "the electrical subcode (*N.J.A.C. 5:23-3.16*)" shall be inserted.

xi. In Section [1008.1] **1010.1.1**, Size of Doors, Exception 8 shall be deleted.

xii. In Section [1008.1.4.5] **1010.1.4.4**, Security grilles, "In Groups B, F, M, and S" shall be deleted and "horizontal" shall be capitalized.

xiii. In Section [1008.1.5] **1010.1.5**, Floor elevation, in Exception 3, "7.75 inches (197 mm)" shall be deleted and "8.25 inches (210 mm)" shall be inserted. **Additionally, Exception 5 shall be deleted.**

xiv. In Section [1008.1.7] **1010.1.7**, Thresholds, in the [exception] **Exception #1**, "7.75 inches (197 mm)" shall be deleted and "8.25 inches (210 mm)" shall be inserted. [In the same exception, "Chapter 11" shall be deleted and "the barrier free subcode (N.J.A.C. 5:23-7)" shall be inserted.] **Additionally, Exception #2 shall be deleted.**

xv. In Section [1008.1.9.1] **1010.1.9.1**, Hardware, "locks" shall be deleted.[In the same section, "Chapter 11" shall be deleted and "the barrier free subcode (N.J.A.C. 5:23-7)" shall be inserted.]

xvi. Section [1008.1.9.3] **1010.1.9.3**, Locks and latches, shall be amended as follows: In Item 2, ["Group A having an occupant load of 300 or less" shall be deleted] **following "Group A" insert ""other than nightclubs"**. In the same item, "and in places of religious worship" shall be deleted. In the same section, Item 6 shall be inserted as follows: "6. Key operation shall be permitted from a dwelling unit provided that the key cannot be removed from the lock when the door is locked from the side from which egress is made."

xvii. [In Section 1008.1.9.7, Delayed egress locks, "E" shall be deleted.

xviii. Section 1008.1.9.8, Electromagnetically locked egress doors, shall be deleted.

xix.] In Section [1008.1.10] **1010.1.10**, Panic and fire exit hardware, **in** the exception [shall be deleted in its entirety.], **“other than nightclubs” shall be inserted after “Group A occupancies”**. **Additionally, in the second paragraph, “1,200” shall be deleted and “800” shall be inserted.**

[xx.] xviii. In Section [1009.4.2]**1011.5.2**, [Stair tread and risers] **Riser height and tread depth**, Exception [5] **3**, change the maximum riser height from "[7.75] **7 3/4** inches (197 mm)" to "[8.25] **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)." In the same section, Exception [6] **4** shall be deleted.

[xxi. In Section 1009.11 Ship ladders, ", in buildings of Group F, H and S from mezzanines not more than 250 square feet (23 m²) in area and which serves not more than 5 occupants" shall be inserted after "occupants" in the first sentence.

xxii.] **xix.** In Section [1011.4] **1013.5**, Internally illuminated exit signs, "Chapter 27" shall be deleted and "the electrical subcode (*N.J.A.C. 5:23-3.16*)" shall be inserted.

[xxiii.] **xx.** In Section [1011.5.3] **1013.6.3**, Power source, in the last sentence, "Chapter 27" shall be deleted and "the electrical subcode (*N.J.A.C. 5:23-3.16*)" shall be inserted.

[xxiv.] **xxi.** In Section [1012.2] **1014.2**, Height, [add the following text] **insert new Exception 1 as follows:** "[Exception:]**1.** 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.

[xxv.] **xxii.** In Section [1012.4] **1014.4**, Continuity, Exception 4 shall be deleted.

[xxvi.] **xxiii.** In Section [1013.2] **1015.3**, Height, [insert new] **in** Exception 1 [as follows: "For occupancies in Group R-3 and within individual dwelling units in occupancies of Group R-2, porches, balconies or raised floor surfaces located more than 30 inches (762 mm) above the floor or grade below shall have guards not less than 36 inches (914 mm) in height." In the same section, Exceptions 1 through 4 shall be renumbered as 2 through 5] **“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 line shall be deleted.** Additionally, in Exception 3, "34 inches (864mm)" shall be deleted and "30 inches (762 mm) shall be inserted.

[xxvii. Section 1014.2.5, Exit access through suites, shall be deleted.

xxviii. In Section 1015.1, Exits or exit access doorways from spaces, in the exception to Item 1, the first sentence in the exception shall be numbered "1." and "and R-3" shall be deleted. In the same sentence, "20" shall be deleted and "10" shall be inserted. In addition, a new exception shall be inserted as follows: "2. In buildings of Group R-3 occupancy".]

xxiv. In Section 1015.8, Window sills, “36 inches (915 mm)” shall be deleted and “24 inches (610 mm)” shall be inserted.

[xxix. In Section 1016.1, Travel distance limitations, Exceptions 3 and 4 shall be deleted. In the same section, in the last paragraph "Where applicable" shall be deleted and "When permitted by Section 1022.1" shall be inserted.

xxx. In Table 1016.1 Note a, insert the text of the 2006 edition of the International Building Code as follows: "Section 1016.2: For increased limitations in Group F-1 and S-1."

xxxi. Insert the text of Section 1016.2 from the 2006 edition of the International Building Code as follows: "1016.2 Roof vent increase. In buildings that are one story in height, equipped with automatic heat and smoke roof vents complying with Section 910 and equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1, the maximum exit access travel distance shall be 400 feet (122 m) for occupancies in Group F-1 and S-1."

xxxii. In Section 1017.2, Aisles in Groups B and M, in the exception, "Chapter 11" shall be deleted and "the barrier free subcode (N.J.A.C. 5:23-7)" shall be inserted.

xxxiii.] **xxv.** In Table [1018.1] **1020.1**, Corridor Fire Resistance Rating, under the heading "Occupancy," "U" shall be deleted from the third row. In addition, **under the heading "without sprinkler system"**, "Not Permitted" shall be deleted from the fifth row and "1" shall be inserted.

[xxxiv. In Section 1021.1, Exits from stories, delete Exception 3 and renumber Exceptions 4 and 5 as 3 and 4. In new Exception 3, delete "and R-3". In the same exception, "20" shall be deleted and "10" shall be inserted. Insert new Exception 5 as follows: "5. In buildings of Group R-3 occupancy".

xxxv. In Table 1021.2, Stories with One Exit, under the heading "Occupancy," "U" shall be deleted from the first row.

xxxvi. In Section 1022.1, Enclosures required, in Exception 1 after "occupant load of less than 10" insert "or serves four or fewer dwelling units".

xxxvii.] **xxvi.** In Section [1028.1.1] **1029.1.1**, Bleachers, after "ICC 300", insert "Chapters 2, 3 and 4".

[xxxviii.] **xxvii.** At Section [1028.2] **1029.2**, entitled "Assembly main exit", add the text "other than nightclubs," after ["Group A occupancies"] **“used for assembly purposes”** at the beginning of the first **and fourth** sentences.

[(1) In the exception, after "In assembly occupancies" insert "other than nightclubs".

xxxix.] **xxviii.** Add new section [1028.2.1] **1029.2.1** as follows:

"[1028.2.1] **1029.2.1** Group A-2 Nightclubs. Buildings or portions thereof of Group A-2 nightclubs with an occupant load of 100 or more shall have a main entrance capable of serving as the main exit with an egress capacity for at least one-half the total occupant load. The remaining exits shall be capable of providing two-thirds of the total required exit capacity. Buildings or portions thereof of Group A-2 nightclubs with an occupant load of more than 300 shall have a main entrance capable of serving as the main exit with an egress capacity for at least two-thirds of the total occupant load. The remaining exits shall also be capable of providing two-thirds of the total required exit capacity."

[xl.] **xxix.** Section [1029.1] **1030.1**, General, shall be amended as follows: In the second sentence, "Basements and" shall be deleted and "sleeping" shall be capitalized. In the same section, Exception [4] **1** shall be deleted its entirety. In Exception [6]**2**, "basements or" shall be deleted. In addition, Exception [7]**3** shall be deleted in its entirety.

[11.] **10.** Chapter 11, Accessibility, shall be [deleted in its entirety.] **amended as follows:**

i. In Section 1101.1, Scope, insert the following after the first sentence: "This chapter shall be interpreted to require access for people with disabilities, including, but not limited to occupants, employees, consumers, students, spectators, participants, or visitors."

ii. In Section 1101.2, Design , "amended as follows:" shall be added to the end of the sentence and the following list shall be inserted:

1. The text at section 105.2, entitled "Documents," shall be amended as follows:

1.1 In section 105.2.2, entitled "National Fire Alarm Code," delete "NFPA 72-2007" and insert "the edition of NFPA 72 adopted by reference in this subcode;"

1.2 In section 105.2.3, entitled "Power Assist and Low Energy Power Operated Doors," delete "ANSI/BHMA A156.19-2007" and insert "the edition of ANSI/BHMA A156.19 adopted by reference in this subcode;"

1.3 In section 105.2.4, entitled "Power Operated pedestrian Doors," delete "ANSI/BHMA A156.10" and insert "the edition of ANSI/BHMA A156.10 adopted by reference in this subcode;"

1.4 In section 105.2.5, entitled "Safety Code for Elevators and escalators," delete "ASME/ANSI A17.1-2007/CSA B44-07" and insert "the edition of ASME/ANSI A17.1/CSA B44 adopted by reference in this subcode;"

1.5 In section 105.2.6, entitled "Safety Standard for Platform Lifts and Stairway Chairlifts," delete "ASME/ANSI A18.1-2005" and insert "ASME/ANSI A18.1 adopted by reference in this subcode."

2. In section 106.5, delete the definition of "Administrative Authority";

3. Delete Chapter 2, "Scoping";

4. In Section 410.5.2, Lifts with Doors on Adjacent Sides, the Exception shall be deleted.

5. In Section 604.5.2, entitled "Rear Wall Grab Bars," delete Exception 2 in its entirety.

6. Delete section 607.8, entitled "Water Temperature," in its entirety.

7. Delete section 608.8 entitled "Water Temperature," in its entirety.

8. In section 611, entitled "Washing Machines and Clothes Dryers," delete section 611.3, entitled "Operable parts," and section 611.4, entitled "Height."

9. Sections 804.6.2, entitled "Operable Parts", 804.6.3, entitled "Dishwasher," 804.6.4, entitled "Cooktop," 804.6.5, entitled "Oven," and 804.6.6, entitled "Refrigerator/Freezer," shall be deleted in their entirety.

10. Amend section 1002.3.1, entitled "Location," as follows:

10.1 In the Exception, delete the word "unfinished" in two places.

11. In Section 1002.15.2, Bed Frames, “with a minimum of six and one-half inches clear from the floor to the lowest level of the bed frame” shall be inserted at the end of the sentence.

12. Amend section 1003.3.1, entitled "Accessible route," as follows: Insert “1.” before the existing exception and delete "unfinished" in two places. Additionally insert "Exception 2. An accessible route is not required to exterior decks, patios, or balconies that have impervious or improved surfaces that are not more than four (4) inches below the finished floor level of the adjacent interior space of the dwelling unit."

13. Section 1003.10, Laundry equipment, shall be deleted in its entirety.

14. Section 1003.11.2.5.2, entitled “Shower”, shall be amended as follows:

14.1 In the first line, after the word "Exception," insert the number "1."

14.2 Add the following text at the end of the Exception: "2. The threshold for a shower compartment may be adaptable provided the shower threshold can be made accessible with minimal expense and effort."

15. In section 1003.12.3.1, entitled "Clear Floor Space", delete Exception (a) in its entirety and insert in its place: "(a) the cabinetry can be removed or replaced as a unit,"

16. In section 1003.12.3.2, entitled "Height", delete the exception in its entirety and insert the following in its place: "Exception: A counter that is adjustable or replaceable as a unit to provide a work surface at heights between 29 inches minimum and 36 inches maximum shall be permitted."

17. In section 1003.12.4.1, entitled "Clear Floor Space", delete Exception2 (a) in its entirety and insert in its place: "(a) the cabinetry can be removed or replaced as a unit,"

18. In section 1003.12.4.2, entitled "Height", delete the exception in its entirety and insert the following in its place: "Exception: A sink and counter that is adjustable or replaceable as a unit at heights between 29 inches minimum and 36 inches maximum, provided rough-in plumbing permits connections of supply and drain piping for sinks mounted at heights of 29 inches, shall be permitted."

19. In section 1003.12.5, entitled "Appliances," delete the following sections: section 1003.12.5.1, entitled "Operable parts;" section 1003.12.5.3, entitled "Dishwasher;" section 1003.12.5.4, entitled "Cooktop;" section 1003.12.5.5, entitled "Oven;" and section 1003.12.5.6, entitled "Refrigerator/Freezer."

20. Delete section 1004, entitled "Type B Units," in its entirety.

iii. Insert Section 1101.3 as follows:

“1101.3 Existing facilities. Any building or portion of a building constructed or altered to be accessible shall be maintained accessible.”

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 housing through the Council on Affordable Housing (COAH);

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 of 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) and that are attached to at least one other dwelling unit shall comply with this chapter.

v. In Section 1103.2.5, Construction sites, the following exception shall be inserted:

“Exception: Construction site trailers used as sales offices shall be accessible.”

vi. Section 1104.1, Multilevel buildings and facilities, shall be deleted and the following shall be inserted:

1104.4 Multilevel nonresidential buildings and multilevel buildings of Group R-1

1104.4.1 Small Buildings. Small buildings, defined as those with a total gross enclosed floor area of less than 10,000 square feet, shall be required to have at least one accessible entrance on the ground (or first) floor and accessible interior building features on all floors. Except as provided in (a)1i through iv below, small buildings that are not more than two stories shall not be required to have an elevator(s) to provide a vertical accessible route between floors. Small buildings that are three or more stories shall be required to have an elevator(s) to provide a vertical accessible route between floors; however, in such buildings, floors that are less than 3,000 square feet or floors with only mechanical equipment shall not be required to be served by an elevator.

1104.4.1.1 Regardless of the square footage of the buildings or floors, buildings of two or more stories that are owned and occupied by public entities shall provide a vertical accessible route between floors.

1104.4.1.2. Regardless of the square footage of the buildings or floors, buildings of two or more stories that house public transit stations or airport passenger terminals shall provide a vertical accessible route between floors.

1104.4.1.3 Regardless of the square footage of the buildings or floors, buildings of two or more stories that house the professional offices of health care providers shall provide a vertical accessible route between floors.

1104.4.1.4 Regardless of the square footage of the buildings or floors, buildings of two or more stories that house shopping centers or shopping malls shall provide a vertical accessible route between floors.

1104.4.1.4.1 For the purposes of applying this requirement, a shopping center or shopping mall shall mean a building or a series of buildings on a common site, under common ownership or control, or developed as one project or as a series of related projects housing five or more sales or rental establishments.

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 (a)1 above. In addition, large buildings shall be required to have an elevator(s) to provide a vertical accessible route between floors; however, in such buildings, floors 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 Where facilities for employees, including rest rooms, lunch rooms, and lockers, and public facilities, including rest rooms and drinking fountains, are provided on a floor or mezzanine that is not required to be served by an elevator and where no vertical accessible route is provided, the facilities provided on the floor or mezzanine must also be provided on the accessible level.

1104.4.2.2 A limited use limited application elevator that complies with ANSI/ASME A17.1 adopted by reference in the building subcode may be used to provide a vertical accessible route to the floor or mezzanine provided that the travel distance does not exceed 25 feet.

1104.4.3 For the purposes of applying these provisions, buildings separated by firewalls with penetrations intended for human passage shall not constitute separate buildings.

1104.4.4 The following provisions shall apply to a nonresidential building required to be accessible, whether a large building or a small building.

1104.4.4.1 An accessible route available to the general public shall not pass through kitchens, storage rooms, or similar spaces.

1104.4.4.2 In buildings, facilities, or portions thereof that primarily serve children, accessible facilities that comply with the provisions of this subchapter for use by adults shall be provided.

vii. In Section 1106.2, Groups I-1, R-1, R-2, R-3 and R-4, 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 1106.1.” Additionally, items number 3 and 4 shall be deleted.

viii. In Section 1106.6, 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.”

ix. Insert Section 1106.8 as follows:

“1106.8 Parking signage. Each accessible parking space shall be marked with an R7-8 sign from the Manual of Uniform Traffic Control Devices and shall display the international symbol of accessibility. Beneath the R7-8 sign, each accessible parking space shall also be marked with a penalty sign, as required by N.J.S.A. 39:4-198, containing the following language:

PENALTY

\$250 FIRST OFFENSE

SUBSEQUENT OFFENSES

\$250 MINIMUM AND/OR

UP TO 90 DAYS COMMUNITY SERVICE

TOW AWAY ZONE

1106.8.1 The bottom of the lowest sign shall be mounted approximately 60 inches above the parking lot or sidewalk surface when the sign is parallel to the sidewalk and approximately 72 inches above the parking lot or sidewalk when the sign is perpendicular to the sidewalk.

1106.8.2 The penalty sign shall be centered and mounted at the head of each parking space.”

x. In Section 1107.2, Design, “and Type B units” shall be deleted from the first sentence and “and” shall be inserted between “Accessible units” and “Type A units’. Additionally, the last sentence shall be deleted.

xi. In Section 1107.3, Accessible spaces, “or Type B units” shall be deleted from the first sentence and “or” shall be inserted between “Accessible units” and “Type A units’ ”. After “dining areas” the second sentence, “Laundry areas, mailboxes and meeting rooms” shall be inserted. The text of Exception #1 shall be deleted and the following shall be inserted in its place: “Mailboxes shall be mounted at minimum height of 28 inches and a maximum of 54 inches where a parallel approach is provided.” Finally, Exception #3 shall be deleted in its entirety.

xii. In Section 1107.4, 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

xiii. In Section 1107.5, Group I, “and Type B units” shall be deleted.

xiv. In Section 1107.5.1, Group I-1, “and Type B units” and “and 1107.5.1.2” shall be deleted.

xv. Section 1107.5.1.2, Type B units, shall be deleted in its entirety.

xvi. In Section 1107.5.2, Group I-2 nursing homes, “and Type B units” and “and 1107.5.2.2” shall be deleted.

xvii. Section 1107.5.2.2, Type B Units, shall be deleted and in its place insert the following: “1107.5.2.2 Toilets Used by Residents. Toilets used by residents shall be provided sufficient clearance on both sides of the toilet to enable the physical access and maneuvering by staff members to assist the resident in wheelchair-to-toilet transfers and returns. Alternative grab bar configurations shall be permitted.”

xviii. In Section 1107.5.3, Group I-2 hospitals, “and Type B units” and “and 1107.5.3.2” shall be deleted.

xix. Section 1107.5.3.2, Type B Units, shall be deleted in its entirety.

xx. In Section 1107.6, Group R, “and Type B units” shall be deleted from the first sentence and “and” shall be inserted between “Accessible units” and “Type A units”.

xxi. In Section 1107.6.1, Group R-1, “and Type B units” and “and 1107.6.1.2” shall be deleted.

xxii. Section 1107.6.1.2, Type B units, shall be deleted in its entirety.

xxiii. In Section 1107.6.2, Group R-2, “and Type B units” shall be deleted and “and” shall be inserted between “Accessible units” and “Type A units”. Additionally, “and 1107.6.2.2” shall be deleted.

xxiv. In Section 1107.6.2.1, Live/work units, in the last sentence, “be a Type B unit” shall be deleted and “comply with Sections 1107.6.2.2 and 1107.7” shall be inserted.

xxv. In Section 1107.6.2.2, Apartment houses, monasteries and convents, “Live/Work Units” shall be added before “Apartment” in the title, “and Type B units” and “and 1106.6.2.2.2” shall be deleted, and “Live/Work Units” shall be added before “Apartment” in the third line. Additionally, the exception shall be deleted.

xxvi. Section 1107.6.2.2.1, Type A units, shall be deleted entirety and the following shall be inserted:

“1107.6.2.2.1 Type A units. In Group R-2 live/work units, apartment houses, monasteries and convents containing four or more dwelling units or sleeping units, all ground floor dwelling units in a building without elevator service and all dwelling units in an elevator serviced building shall be Type A units. For the purpose of applying this requirement, the ground floor shall mean, in a building containing dwelling units, the first floor with a dwelling unit or portion of a dwelling unit, regardless of whether that floor is at grade. A building may have more than one ground floor.

Exception: The number of Type A units is permitted to be reduced in accordance with 1107.7.

xxvii. Section 1107.6.2.2.2, Type B units, shall be deleted in its entirety.

xxviii. In Section 1107.6.2.3, Group R-2 other than live/work units, apartment houses, monasteries and convents, “Type B units” shall be deleted and “Type A units” inserted in its place.

xxix. Section 1107.6.2.3.2, Type B units, shall be deleted in its entirety and the following shall be inserted:

“1107.6.2.3.2 Type A units. In Group R-2 occupancies other than live/work units, apartment houses, monasteries and convents containing four or more dwelling units or sleeping units, all ground floor dwelling units in a building without elevator service and all dwelling units in an elevator serviced building shall be Type A units. For the purpose of applying this requirement, the ground floor shall mean, in a building containing dwelling units, the first floor with a dwelling unit or portion of a dwelling unit, regardless of whether that floor is at grade. A building may have more than one ground floor.

Exception: The number of Type A units is permitted to be reduced in accordance with 1107.7.

xxx. In Section 1107.6.3, Group R-3, “Type B units” shall be deleted in the section and the exception and “Type A units” inserted in its place in both locations.

xxxi. In Section 1107.6.4, Group R-4, “Type B units” shall be deleted and “Type A units” inserted in its place.

xxxii. Section 1107.6.4.2, 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.

xxxiii. In Section 1107.7, General exceptions, “and Type B units” shall be deleted. Additionally, in the last line “1107.7.5” shall be deleted and “1107.7.3” inserted in its place.

xxxiv. Section 1107.7.1, Structures without elevator service, shall be deleted in its entirety.

xxxv. Section 1107.7.2, Multistory units, shall be renumbered as Section 1107.7.1. In the third line and the seventh line, “Type B unit” shall be deleted and “Type A unit” inserted in its place. Additionally, in the seventh line, following the word “toilet”, “and bathing” shall be inserted.

xxxvi. Section 1107.7.3, Elevator service to the lowest story with units, shall be deleted in its entirety.

xxxvii. Section 1107.7.4, Site impracticality, shall be renumbered as Section 1107.7.3 and “Type B units” in the third line of the section and in Items 1, 2, 3 and 4, shall be deleted and “Type A units” inserted in its place.

xxxviii. Section 1107.7.5, Design flood elevation, shall be renumbered as Section 1107.7.3 and in the second 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.”

xxxix. In Section 1109.7, 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 this subchapter;

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 Use Groups A-3, places of religious worship, or E of any size.”

xl. In Section 1109.8, Lifts, Items #4, #6, and #10 shall be deleted.

xli. In Section 1109.12.3, Point of sale and service counters, 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.”

xlii. In Section 1110.2.2, Facilities serving Type A and Type B units in a single building, delete “and Type B” in the title and in the first sentence.

xliii. In Section 1110.2.3, Facilities serving Type A and Type B units in a multiple buildings, delete “and Type B” in the title and in the first sentence.

xliv. Section 1110.4.8, Amusement rides, shall be deleted in its entirety.

xlv. Section 1110.4.12, Miniature golf facilities, shall be deleted in its entirety.

xlvi. In Section 1111.1, Signs, in the last line of the exception to Item #2, “an assigned” shall be inserted following “identification of” and “spaces” shall be deleted and “space” shall be inserted.

xlvii. In Section 1111.3, Other signs, Item #7 shall be deleted in its entirety.

xlviii. Insert new Section 1112, Variations, as follows:

“Section 1112 Variations

1112.1 General. Where it can be demonstrated that one or more of the provisions of this subchapter are technically infeasible, variations or exceptions to those specific provisions may be granted if:

- 1. The spirit and intent of the law are observed;**
- 2. Public welfare and safety are assured; and**
- 3. Equivalent facilitation and protection for people with disabilities are secured.**

1112.2 Prohibited. In no case shall a complete waiver of these requirements be granted.

1112.3 Procedure. Procedures for granting variations and exceptions shall be in accordance with N.J.A.C. 5:23-2.9 through 2.13.”

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

i. (No change.)

ii. In Section 1208.2, Minimum ceiling heights, “7 feet 6 inches (2286mm)” shall be deleted and “7 feet (2134 mm)” shall be inserted in its place.

iii. Section 1210.3, Privacy, shall be deleted in its entirety.

Renumber 13. as 12. (No change in text.)

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

i. In Section 1405.11.4, Grounding, "Chapter 27 of this code [and the ICC Electrical Code]" shall be deleted and "the electrical subcode, *N.J.A.C. 5:23-3.16*" shall be inserted.

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

i. (No change.)

ii. In Section 1503.4.1, Secondary (emergency overflow) drains or scuppers, "Sections 1106 and 1108, as applicable of the International Plumbing Code" shall be deleted and "the plumbing subcode, N.J.A.C. 5:23-3.15" shall be inserted.

[ii.] **iii.** In Table 1505.1, Minimum Roof Covering Classification for Types of Construction, Note a shall be deleted in its entirety. In addition, at Note b, "and **Group U**" shall be deleted from the first sentence.

Renumber iii. as iv. (No change in text.)

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

Renumber iv. – viii. as vi. – x. (No change in text.)

xi. In Section 1507.17.4.2, Ice barrier, "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.

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

i. (No change.)

ii. In Table 1607.1, Minimum Uniformly Distributed Live Loads and Minimum Concentrated Live Loads, at Note g, "building official" shall be deleted and "design professional" shall be inserted. **Additionally, in the column entitled "Occupancy or Use" at #5, delete "and decks" and below "Balconies" insert "On one- and two-family residences only, and not exceeding 100 sq. ft." In the second column, entitled "Uniform (psf)", on the line for "Balconies" insert "100" and on the line for "On one- and two-family residences only, and not exceeding 100 sq. ft." insert "60".**

iii. Section [1607.9] **1607.10**, 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 1607.9.1.4, Group A occupancies, "and Group E" shall be added to the title of the section and after "Group A" insert "and Group E".

v. In Section 1607.9.2, Alternate floor live load reduction, Item 1, "or Group E" shall be inserted after "Group A."]

Renumber vi. – viii as iv. – vi. (No change in text.)

[ix. Section 1613.3, Existing building, shall be deleted in its entirety.]

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

i. (No change.)

[ii. Section 1702.1, General, shall be amended as follows: In the title, "/Special Inspector" shall be inserted after "Agency." In the first sentence, "or design professional acting as the approved agency" shall be inserted after "agency." At the end of the definition, add the sentence, "Special inspectors shall be certified in accordance with the administrative provisions of the Uniform Construction Code."]

Renumber iii. as ii. (No change in text.)

iii. In Section 1703.1.1, Independence, in the second sentence “building official” shall be deleted and “construction official” shall be inserted.

iv. (No change.)

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

vi. **In Section 1703.4, Performance, in the first sentence, “building official” shall be deleted and “construction official” shall be inserted.**

vii. **In Section 1703.4.1, Research and investigation, in the first and second sentences, “building official” shall be deleted and “construction official” shall be inserted.**

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

ix. **In Section 1703.6.2, Test and inspection records, in the first sentence, “building official” shall be deleted and “construction official” shall be inserted.**

[vi. Section 1704.1, General, shall be amended as follows: In the first sentence of the first paragraph, "the registered design professional" shall be deleted and "person" shall be inserted. Also, in the first sentence of the first paragraph, "of Class 1 buildings only or any building containing a smoke control system" shall be inserted after "construction." In the second sentence of the second paragraph, "the registered design professional" shall be deleted and "person" shall be inserted.

vii. Section 1704.1.1, Statement of special inspections, shall be amended as follows: In the first sentence, "registered design professional" shall be deleted and "person" shall be inserted.

viii. Section 1704.1.2, Report requirement, shall be amended as follows: In the second sentence, "building official" shall be deleted and "construction official" shall be inserted and "registered design professional" shall be deleted and "person" shall be inserted. In the same sentence, "in accordance with *N.J.A.C 5:23-2.21(c)*" shall be inserted after "charge." In the fifth sentence, "building official" shall be deleted and "construction official" shall be inserted and "registered design professional" shall be deleted and "person" shall be inserted. In the last sentence, "building official" shall be deleted and "construction official" shall be inserted.]

x. In Section 1704.2, Special inspections and tests, in the first sentence "of Class 1 buildings only or any building containing a smoke control system" shall be inserted after "construction." Additionally, in exceptions #1 and #2, "building official" shall be deleted and "construction official" shall be inserted.

xi. In Section 1704.2.3, Statement of special inspections, "in accordance with Section 107.1" shall be deleted.

[ix. In Section 1704.3, Steel construction, "the on-site erection of" shall be inserted after "for."

x. In Table 1704.3, Required Verification and Inspection of Steel Construction, Items 1, 3, and 4 shall be deleted.

xi. In Section 1704.5, Masonry construction, "in Seismic Design Category D" shall be inserted after the word "construction" within the text. In the same section, in Exception 2, the reference to "Table 1807.1.6.3(1)" shall be deleted.]

xii. In Section 1704.3, Statement of special inspections, "the registered design professional" shall be deleted and "person" shall be inserted.

xiii. In Section 1704.4, Contractors responsibility, in the first sentence, "main - wind- or" shall be deleted. In addition, in the same sentence, "or a wind-" shall be deleted.

xiv. In Section 1704.5, Submittal to building official, in the title "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.

[xii. Section 1704.6, Wood construction, shall be deleted in its entirety.]

xv. Section 1704.6, Structural observations, shall be deleted in its entirety.

[xiii. In Section 1705.3, Seismic resistance, "for Seismic Design Category D buildings" shall be inserted after "inspections."]

xvi. In Section 1705.2, Steel construction, "the on-site erection of" shall be inserted between "of" and "steel".

xvii. In Section 1705.4, Masonry construction, "in Seismic Design Category D" shall be inserted after the word "construction". Additionally, in Exception 2, the reference to "Table 1807.1.6.3(1)" shall be deleted.

xviii. Section 1705.5, Wood construction, shall be deleted.

[xiv. Sections 1705.4, Wind resistance; 1705.4.1, Wind requirements in the statement of special inspections; and 1705.4.2, Detailed requirements, shall be deleted in their entirety.

xv. Section 1706 Special inspection for wind requirements, shall be deleted.

xvi. In Section 1707.1, Special Inspections for Seismic Resistance, in items 1 and 3, "C," shall be deleted in reference to seismic design categories.]

xix. In Section 1705.11, Special inspection for wind resistance, shall be deleted.

xx. In Section 1705.12.1.1, Seismic force-resisting systems, “B and C,” shall be deleted in reference to seismic design categories. Additionally, the exception shall be deleted.

xxi. In Section 1705.12.1.2, Structural steel elements, “B and C,” shall be deleted in reference to seismic design categories.

xxii. In Section 1705.12.2, Structural wood, in the first sentence, “C,” shall be deleted in reference to seismic design categories.

xxiii. In Section 1705.12.3, Cold-formed light-frame construction, in the first sentence, “C,” shall be deleted in reference to seismic design categories.

xxiv. In Section 1705.12.4, Designated seismic systems, in the first sentence, “C,” shall be deleted in reference to seismic design categories.

[xvii.] **xxv. In Section [1707.7] 1705.12.6, Plumbing, Mechanical and Electrical Components, in items 1, 3, 4 and 5, "C," shall be deleted in reference to seismic design categories.**

xxvi. In Section 1705.12.8, Seismic isolation systems, in the first sentence of the first paragraph, “C,” shall be deleted in reference to seismic design categories.

[xviii.] **xxvii. Section [1708.3] 1705.13.1 , Structural steel, shall be deleted.**

xxviii. In Section 1705.13.2, Nonstructural components, in the first sentence, “B and C,” shall be deleted in reference to seismic design categories.

xxix. In Section 1705.13.3, Designated seismic systems, in the first sentence, “C,” shall be deleted in reference to seismic design categories.

xxx. In Section 1705.13.4, Seismic isolation systems, in the first sentence, “B and C,” shall be deleted in reference to seismic design categories.

[xix. In Section 1709.1, Contractor responsibility, in the first sentence, "main - wind- or" shall be deleted. In addition, in the same sentence, "or a wind-" shall be deleted.

xx. Section 1710, Structural Observations, shall be deleted in its entirety.]

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

i. (No change.)

ii. In Section 1803.5, Investigated conditions, in the last line, delete “1803.5.12” and insert “1803.5.13”.

Re-number ii. – ix. as iii. – x. (No change in text.)

[19.] **18.** Chapter 23, Wood, shall be amended as follows:

i. - iii. (No change.)

iv. In Table [2306.2.1(2)] **2306.2(2)**, [Allowable shear for wood structural panel blocked diaphragms utilizing multiple rows of fasteners (high load diaphragms) with framing of Douglas fir larch or southern pine for wind or seismic loading] **Allowable Shear Values (Pounds Per Foot) For Wood Structural Panel Blocked Diaphragms Utilizing Multiple**

Rows of Staples (High-Load Diaphragms) With Framing of Douglas Fir-Larch or Southern Pine for Wind or Seismic Loading, Note g shall be deleted.

v. (No change.)

19. Chapter 27, Electrical, shall be deleted except Section 2702, Emergency and standby power systems.

20. Chapters [27, Electrical;] 28, Mechanical Systems; and 29, Plumbing, shall be deleted in their entirety.

21. Chapter 30, Elevators and Conveyor Systems, shall be amended as follows:

i. (No change.)

ii. In Section 3001.2, Referenced standards, "ASME A17.1/CSA B44" shall be deleted and "ASME A17.1 with the exception of Sections 1.1.3 and 1.2, Sections 5.8 [and] 5.9, **and 5.11**, Sections 7.4 through 7.7 and Sections 7.9 through 7.11; ASME A17.1 Appendixes L, [N,] and P; **Table N1**; ASME A18.1" shall be inserted after "shall conform to" in the fourth sentence.

[iii. In Section 3001.3, Accessibility, "Chapter 11" shall be deleted and "the barrier free subcode (N.J.A.C. 5:23-7)" shall be inserted.]

Renumber iv. – vi. as iii. – v. (No change in text.)

vi. In Section 3002.9, Plumbing and mechanical systems, in the exception, "without an oil-water separator" shall be inserted at the end of the sentence. In addition, the following sentence shall be inserted: "The discharge shall not be directly or indirectly connected to the sanitary drainage system."

vii. (No change.)

viii. [New] **In Section 3003.3, Standardized fire service elevator keys, [shall be inserted as follows: "All new elevators shall be equipped to operate with a standardized fire service key."] “International Fire Code” shall be deleted and “Elevator Safety Subcode (N.J.A.C. 5:23-12)” shall be inserted.**

ix. [In Section 3004.3, Area of vents, in the last sentence, "annealed glass" shall be deleted and "plain glass" shall be inserted.

x. In Section 3004.4, Plumbing and mechanical systems, in the exception, "without an oil-water separator" shall be inserted at the end of the sentence. In addition, the following sentence shall be inserted: "The discharge shall not be directly or indirectly connected to the sanitary drainage system."] **In Section 3006.2, Hoistway opening protection required, Condition #1 shall be deleted and Conditions 2 – 5 shall be renumbered 1-4 with no change in text.**

x. In Section 3006.3, Hoistway opening protection, item 4 shall be deleted in its entirety

xi. In Section 3008.7, Elevator system monitoring, in the first sentence, “or a central control point approved by the fire department and” shall be deleted.

xii. In Section 3008.7.1, Elevator recall, in the first sentence, “or an alternate location approved by the fire department and” shall be deleted.

xiii. In Section 3008.8.1, Protection of wiring or cables, in the first sentence, “or an alternate location approved by the fire department and” shall be deleted.

xiv. In Section 3008.6.6, Two-way communication, in the first sentence, “or an alternate location approved by the fire department and” shall be deleted.

22. Chapter 31, Special Construction, shall be amended as follows:

i. (No change.)

ii. Section [3103.1.1] **3103.1.2, 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. [Section 3109.4.1.8, Dwelling wall as barrier, shall be deleted in its entirety.

v. In Section 3109.4.1.9, Pool structure as barrier, "either shall be capable of being secured, locked or removed to prevent access, or the ladder or steps" shall be deleted. In addition, the last sentence shall be deleted.

vi. Section 3110, Automatic Vehicular Gates shall be renumbered as 3111 and new Section 3110.0, "Swimming pools, and spas " shall be inserted as follows:

3110.0 Swimming pools and spas. Swimming pools and spas shall be constructed in accordance with section 3110.1 through 3110.6.

3110.1 Public swimming pools. Public swimming pools shall be designed and constructed in conformance with ANSI/APSP-1 as listed in Chapter 35.

3110.2 Public spas. Public spas shall be designed and constructed in conformance with ANSI/APSP-2 as listed in Chapter 35.

3110.3 Permanently installed residential spas. Permanently installed residential spas shall be designed and constructed in conformance with ANSI/APSP-3 as listed in Chapter 35.

3110.4 Above-ground and on-ground residential swimming pools. Above-ground and on-ground residential swimming pools shall be designed and constructed in conformance with ANSI/APSP-4 as listed in Chapter 35.

3110.5 Residential in-ground swimming pools. Residential in-ground swimming pools shall be designed and constructed in conformance with ANSI/APSP-5 as listed in Chapter 35.

3110.6 Portable spas. Portable spas shall be designed and constructed in conformance with ANSI/APSP-6 as listed in Chapter 35.] **Section 3109, Swimming Pool Enclosures and Safety**

Devices, shall be deleted in its entirety and the following shall be inserted:

SECTION 3109 SWIMMING POOLS, SPAS AND HOT TUBS

3109.1 General. The design and construction of pools, spas, hot tubs and enclosures shall comply with the International Swimming Pool and Spa Code listed in Chapter 35.

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. Chapter 1, Scope and Administration, shall be deleted in its entirety. 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 Section 201.2, 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 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 "permit," and "repair" shall be deleted.

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

3.1 In Section 302.1, Electrical, “or the International Residential Code, as applicable in accordance with Section 102.7.1” shall be deleted.

3.2 In Section 302.2, Water service drainage, “International Plumbing Code” shall be deleted and “plumbing subcode (N.J.A.C. 5:23-3.15)” shall be inserted.

3.3 In 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 Section 305, Barrier requirements, shall be amended as follows:

3.4.1 In Section 305.1, General, Exception 2 shall be deleted.

3.4.2 Section 305.4, Structure wall as a barrier, shall be deleted.

3.4.3 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 In Section 306.1, General, “in accordance with Section 102.7.1” shall be deleted.

3.6 Sections 306.3, Stair treads and risers, and 306.4, Deck steps handrail required, shall be deleted.

3.7 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 In Sections 307.2, Glazing in hazardous locations, 307.4, Materials and structural design, 307.8, Roofs or canopies, and 316.4, Installation, “in accordance with Section 102.7.1” shall be deleted.

3.9 In Section 307.9, Accessibility, the last sentence shall be deleted.

3.10 In Section 318.2, 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 In Section 321.4, Residential pool and deck illumination, “or the International Residential Code, as applicable in accordance with Section 102.7.1” shall be deleted.

4. Chapter 4, Public swimming pools, shall be amended as follows:

4.1 In Section 410.1, Dressing and sanitary facilities, “International Plumbing Code” shall be deleted and “plumbing subcode (N.J.A.C. 5:23-3.15)” shall be inserted.

5. Amendments to Chapter 6, Aquatic recreation facilities, shall be amended as follows:

5.1 In 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 Section 609.1, General, “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, 606.5, Toilet tissue holder, 609.6, Lavatory mirror, 606.7, Sanitary napkin receptacles, 609.8, Sanitary napkin dispensers and 609.9, Infant Care, shall be deleted.

6. Chapter 11, Referenced Standards, shall be amended as follows:

6.1 In the ICC table, "IPC-12, International Plumbing Code" shall be deleted and "NSPC-12, National Standard Plumbing Code*" shall be inserted. In addition, at the bottom of the ICC table, "* NSPC-12 is non-ICC and is published by the National Association of Plumbing-Heating-Cooling Contractors" shall be inserted.

23. Chapter 32, Encroachments into the Public Rights of Way, shall be amended as follows:

i. In Section 3202.1.2, Vaults and other enclosed spaces, ["authority or legislative body having jurisdiction"] "**applicable governing authority**" shall be deleted and "Uniform Construction Code (N.J.A.C. 5:23)" shall be inserted.

ii. – iii. (No change.)

24. Chapter 33, Safeguards During Construction, shall be amended as follows:

i. (No change.)

ii. [In Section 3306.2, Walkways, "Chapter 11" shall be deleted and "the barrier free subcode, N.J.A.C. 5:23-7" shall be inserted.] **Section 3305, Sanitary, shall be deleted in its entirety.**

iii. (No change.)

iv. In the last sentence of Section 3309.1, Where required, "On construction sites," shall be inserted before ["All."] **“Structures”**. [In addition, in the last sentence, "Section 906" shall be deleted and "the International Fire Code" shall be inserted.]

25. [Chapter 34, Existing Structures, shall be amended as follows:

i. Sections 3401, General; 3402, Definitions; 3403, Additions; 3404, Alteration; 3405, Repairs; 3406, Fire Escapes; 3407, Glass Replacement; 3408, Change of Occupancy; 3409, Historic Buildings; 3410, Moved Structures; and 3411, Accessibility for Existing Buildings, shall be deleted.

ii. Section 3412, Compliance Alternatives, shall be deleted with the exception of Section 3412.6, Evaluation Process, which shall be amended as follows:

(1) "in accordance with *N.J.A.C. 5:23-6.2(c)4*" shall be inserted at the end of the first sentence.

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

[i. Under the heading APSP, the following APSP Standards shall be inserted: "ANSI/APSP-1-03, Public Swimming Pools, ANSI/APSP-2-99, Public Spas, ANSI/APSP-3-99, Standard for Permanently Installed Residential Spas, ANSI/APSP-4-07, Standard for Above-Ground/On-Ground Residential Swimming Pools, ANSI/APSP-5-03, Standard for Residential In-ground Swimming Pools, and ANSI/APSP-6-99, Standard for Portable Spas."]

ii. – iii. Renumber as i. – ii. (No change in text.)

[iv. Under the subheading "AWS D1.1-04," "Section 1708.3" shall be deleted.]

iii. Under the heading “ICC” insert “ISPSC -15, International Swimming Pool and Spa Code 3109.1”

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

i. – ii. (No change.)

iii. Appendix I, Patio Covers, Appendix J, Grading, [and] Appendix K, Administrative Provisions, **Appendix L, Earthquake Recording Instrumentation and Appendix M, Tsumani-Generated Flood Hazard** shall be deleted in their entirety.

5:23-3.16 Electrical subcode

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

1. Pursuant to the authority of P.L. 1975, c. 217, as modified by P.L. 1996, c. 53, the Commissioner hereby adopts the model code of the National Fire Protection Association, known as “The National Electrical Code [2011] **2014**” as the electrical subcode for New Jersey.

i. (No change)

2. The National Electrical Code [2011] **2014** may be known and cited as “the electrical subcode.”

i. Codes and standards referenced in the Informational Notes of the electrical subcode (NEC [2011] **2014**) shall be considered adopted by reference to the extent prescribed by each related section. These codes and standards also are printed in DCA Bulletin # [12-1] **15-1**, which contains a list of adopted codes and standards that are applicable to the enforcement of the electrical subcode.

3. The Commissioner hereby adopts the National Electrical Safety Code ANSI [C2-2007] **C2-2012** 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 of the electrical subcode are amended as follows:

1. – 2. (No change.)

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

i. (No change.)

ii. Section 210.8(A)10, Dwelling Units (Ground-fault Circuit-Interrupter Protection for Personnel) shall be deleted.

Renumber ii. as iii. (No change in text.)

4. – 6. (No change.)

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

i. [Section 680.42(B), entitled “Bonding,” shall be deleted and the following shall be inserted:

“680.42(B) Bonding. Bonding by metal to metal mounting on a common frame or base shall be permitted.

Exception No. 1. The metal Bands or hoops used to secure wooden staves shall not be required to be bonded as required in 680.26.

Exception No. 2. A listed self-contained spa or hot tub that meets all of the following conditions shall not be required to have equipotential bonding of perimeter surfaces installed as required in 680.26(B)(2):

(1) Is installed in accordance with manufactures instructions on or above grade.

(2) The vertical measurement from all perimeter surfaces within 30 horizontal inches (76cm) of the spa to the top rim of the spa is greater than 28 inches (71cm).

Informational note: For further information regarding the grounding and bonding requirements for self-contained spas and hot tubs, see ANSI/UL 1563 – 2009, Standard for Electric Spas, Equipment Assemblies, and Associated Equipment.] **In Section 620.1, Scope, Informational Note No. 1 shall have “ASME A17.1-2010/CSA B44-10” deleted and “ASME A17.1-2013/CSA B44-13” shall be inserted in its place;**

ii. In Section 620.23(C), Duplex Receptacle, the Informational Note shall shall have “ASME A17.1-2010/CSA B44-10” deleted and “ASME A17.1-2013/CSA B44-13” shall be inserted in its place;

iii. In Section 620.24(C), Duplex Receptacle, the Informational Note shall have “ASME A17.1-2010/CSA B44-10” deleted and “ASME A17.1-2013/CSA B44-13” shall be inserted in its place;

iv. In Section 620.51(A), Type, the Informational Note shall have “ASME A17.1-2010/CSA B44-10” deleted and “ASME A17.1-2013/CSA B44-13” shall be inserted in its place;

v. In Section 620.91, Emergency and Standby Power Systems, the Informational Note shall have “ASME A17.1-2010/CSA B44-10” deleted and “ASME A17.1-2013/CSA B44-13” shall be inserted in its place;

vi. In Section 680.25(A)(1), Feeders (Wiring Methods) the exception shall be deleted. 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. – 9. (No change.)

5:23-3.17 Fire protection subcode

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

1. Pursuant to the authority of P.L. 1975, c. 217 as modified by P.L. 1996, c. 53, the Commissioner hereby adopts the following portions of the building, electrical, mechanical and

fuel gas subcodes, to the extent delineated in *N.J.A.C. 5:23-3.4*, as the fire protection subcode for New Jersey.

i. International Building [Code/2009] **Code** of the International Code Council, Inc. **adopted as amended at N.J.A.C. 5:23-3.14 as the building subcode** [(N.J.A.C. 5:23-3.14)]:

(1) – (10) (No change.)

ii. National Electrical [Code/2008] **Code** of the National Fire Protection Association **adopted as amended at N.J.A.C. 5:23-3.16 as the electrical subcode** [(N.J.A.C. 5:23-3.16).]:

(1) – (5) (No change.)

iii. International Mechanical [Code/2009] **Code** of the International Code Council, Inc. **adopted as amended at N.J.A.C. 5:23-3.20 as the mechanical subcode** [(N.J.A.C. 5:23-3.20)]:

(1) – (7) (No change.)

iv. International Fuel Gas [Code/2009] **Code** of the International Code Council, Inc. **adopted as amended at N.J.A.C. 5:23-3.22 as the fuel gas subcode** [(N.J.A.C. 5:23-3.22)]:

(1) (No change.)

(2) Chapter 5--Chimneys and [Vans] **Vents**;

(3) (No change.)

2. (No change.)

[(b) Rules concerning modifications to subcodes are as follows:

1. The modifications made to the appropriate portion of the adopted model code in N.J.A.C. 5:23-3.14 (Building Subcode), N.J.A.C. 5:23-3.16 (Electrical Subcode), N.J.A.C. 5:23-

3.20 (Mechanical Subcode) and N.J.A.C. 5:23-3.22 (Fuel Gas Subcode) will apply also to those portions as regards this adoption.]

5:23-3.18 Energy Subcode

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

1. Pursuant to authority of P.L. 1975, c. 217, as modified by P.L. 1996, c. 53, the Commissioner hereby adopts the model code of the International Code Council, known as the International Energy Conservation Code/**2015** (IECC/[2009]**2015**), as the energy subcode for New Jersey.

i. Copies of the IECC/[2009]**2015** 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** Administration, shall be amended as follows:

i. Sections C101.1, Title, [101.2, Scope,] and C101.3, Intent, shall be deleted.

ii. Section C101.4, Applicability, shall be deleted except for Subsection C101.4.[6]**1**, Mixed Occupancy. **In addition, Section C101.4.1, Mixed Occupancy, and Section C101.5, Compliance, shall have “by means of the ASHRAE Standard 90.1-2013” inserted after “IECC--Commercial Provisions”**

iii. Sections C103, Construction Documents, C104, Inspections, and C105, Validity, shall be deleted.

iv. Section C106.[4]**3**, Other laws, shall be deleted.

v. Sections C107, Fees, C108, Stop Work Order, and C109, Board of Appeals, shall be deleted.

2. Chapter 2, Definitions, shall be [amended as follows:] **deleted**.

[i. In Section 201.3, Terms defined in other codes, "International Plumbing Code" shall be deleted and "National Standard Plumbing Code" shall be inserted.

ii. The definitions "Addition", "Alteration", "Building", "Code Official", "Dwelling Unit," and "Repair" shall be deleted.

iii. The definition of "Residential Building" shall be amended to add the text "and R-5" after R-3.]

3. Chapter 3, Climate Zones, shall be [amended as follows:] **deleted**.

[i. Section 303.3, Maintenance information, shall be deleted.

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

i. Section 402.3.6, Replacement fenestration, shall be deleted.

ii. In Section 403.2.2, Sealing (Mandatory), the second paragraph "Effective January 1, 2013" shall be inserted before "Duct tightness."

iii. In Section 403.7, Systems serving multiple dwelling units (Mandatory), delete "Sections 503 and 504" and replace with "Chapters 6 and 7 of the 2007 ASHRAE/IESNA Standard 90.1".]

[5.]**4**. Chapter [5]**4**, Commercial Energy Efficiency, shall be amended as follows:

i. At Section [501.1] **C401.1**, Scope, the text shall be deleted and replaced with the following: "The requirements contained in this chapter shall be applicable to commercial buildings, or portions thereof. These commercial buildings shall meet the ASHRAE/IESNA Standard 90.1/ [2007] **2013**, Energy Standard for Buildings Except for Low-Rise Residential Buildings."

ii. Section [501.2] **C401.2**, Application, shall be deleted and replaced with ["501.2"] **C401.2** Amendments. The following amendments shall apply to ASHRAE **90.1-/[2007] 2013**

1. [Section 9.4.1.4 (c), shall have the following sentence added: "Guest suites shall have the option of a master control device meeting these requirements at the entry to each room."

2.] Chapter 8, Power, shall be considered optional.

iii. **Section C401.2.1, Application to existing buildings**, Section [502] **C402**, Building Envelope Requirements, Section [503] **C403**, Building Mechanical Systems, Section [504] **C404**, Service Water Heating (**Mandatory**), Section [505] **C405**, Electrical Power and Lighting Systems, [and] Section [506] **C406, Additional Efficiency Package Options, C407, Total Building Performance, and C408, System Commissioning**, shall be deleted in their entirety.

5. Chapter 5, Existing buidlings, shall be deleted.

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

i. In the ICC table, "IPC-[09]15, International Plumbing Code" shall be deleted and "NSPC-09, National Standard Plumbing Code" shall be inserted. In addition, at the bottom of the ICC table, "*** NSPC-09 is non-ICC and is published by the National Association of Plumbing-Heating-Cooling Contractors" shall be inserted.

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

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

i. Sections R101.1, Title, and R101.3, Intent, shall be deleted.

ii. Section R101.4, Applicability, shall be deleted except for Subsection R101.4.6, Mixed Occupancy.

iii. Sections R103, Construction Documents, R104, Inspections, and R105, Validity, shall be deleted.

iv. Section R106.3, Other laws, shall be deleted.

v. Sections R107, Fees, R108, Stop Work Order, and R109, Board of Appeals, shall be deleted.

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

i. In Section R201.3, Terms defined in other codes, "International Plumbing Code" shall be deleted and "National Standard Plumbing Code" shall be inserted.

ii. The definitions "Addition" and "Alteration" shall be deleted.

iii. The definition of "Approved" shall be deleted and the following shall be inserted: "Approved refers to approval by the building subcode official or other authority having jurisdiction in accordance with the regulations."

iv. In the definition of "Approved Agency," "or other authority having jurisdiction in accordance with the Uniform Construction Code" shall be inserted after "official."

v. The definition of "Building" shall be deleted and the definition at N.J.A.C. 5:23-3.14(b)2 shall be inserted: BUILDING. A structure enclosed with exterior walls or fire walls, built, erected and framed of component structural parts, designed for the housing shelter, enclosure and support of individuals, animals or property of any kind. When used herein, building and structure shall be interchangeable except where the context clearly indicates otherwise."

vi. The definition of "Code Official" shall be deleted.

vii. In the definition of "Dwelling Unit," "living as a single housekeeping unit" shall be inserted after "persons."

viii. The definitions of “Historic Building,” “Repair,” “Reroofing,” “Roof Recover,” “Roof Repair,” and “Roof Replacement,” shall be deleted.

3. Chapter 3, Climate Zones, shall be amended as follows:

i. Section R303.3, Maintenance information, shall be deleted.

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

i. In Section R402.4.1, Building thermal envelope, the “and” between R402.4.1.1 and R402.4.1.2 shall be deleted and “or” shall be inserted in its place.

ii. Section R403.2, Hot water boiler outdoor temperature setback, shall be deleted.

iii. In Section R403.7, Equipment sizing and efficiency rating (Mandatory), “or replacement” shall be deleted in the second sentence.

iv. In 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 90.1-2013”.

5. Chapter 5, Existing Buildings, shall be deleted.

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

i. In the ICC table, “IPC-15, International Plumbing Code” shall be deleted and “NSPC-09, National Standard Plumbing Code” shall be inserted. In addition, at the bottom of the ICC table, “** NSPC-09 is non-ICC and is published by the National Association of Plumbing-Heating-Cooling Contractors” shall be inserted.

7. Appendix RA, Recommended Procedure for Worst-Case Testing of Atmospheric Venting Systems Under R402.4 or R405 Conditions $\leq 5ACH_{50}$, is informative and is not part of the code and Appendix RB, Solar-Ready Provisions—Detached One- and Two-Family Dwellings, Multiple Single-Family Dwellings (Townhouses), is deleted.

5:23-3.20 Mechanical subcode

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

1. Pursuant to authority of P.L. 1975, c. 217, the Commissioner hereby adopts the model code of the International Code Council, Inc., known as the International Mechanical Code/[2009]**2015**. This code is hereby adopted by reference as the Mechanical Subcode for the State of New Jersey subject to the modifications in (b) below.

i. (No change.)

ii. The International Mechanical Code/[2009]**2015** may be known and cited as the "mechanical subcode."

2. – 3. (No change.)

(b) The following chapters, sections or pages of the International Mechanical Code/[2009]**2015** shall be amended as follows:

1. (No change.)

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

i. In Section 201.3, Terms defined in other codes, delete "International Plumbing Code," and insert "plumbing subcode (N.J.A.C. 5:23-3.15)."

ii. (No change.)

iii. The definition of the term "approved" is deleted[.] **and the following shall be inserted: "Approved refers to approval by the building subcode official or other authority having jurisdiction in accordance with the regulations."**

iv. In the definition of "Approved Agency," "or other authority having jurisdiction in accordance with the Uniform Construction Code" shall be inserted after "official."

[iv.] v. The definition of the term "building" is deleted **and the definition at N.J.A.C. 5:23-3.14(b)2 shall be inserted: BUILDING. A structure enclosed with exterior walls or fire walls, built, erected and framed of component structural parts, designed for the housing shelter, enclosure and support of individuals, animals or property of any kind. When used herein, building and structure shall be interchangeable except where the context clearly indicates otherwise."**

Renumber v. – vi as vi.-vii. (No change in text.)

viii. In the definition of "Dwelling Unit," "living as a single housekeeping unit" shall be inserted after "persons."

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

i. (No change.)

ii. Section [301.4] **301.7**, Listed and labeled, is amended to delete the words "in accordance with Section 105."

iii. In Section [301.8] **301.11**, Plumbing connections, delete "International Plumbing Code" and insert "plumbing subcode (*N.J.A.C. 5:23-3.15*)" in its place.

iv. Section [301.11] **301.14, Repair**, is deleted.

v. Add new section [301.16] **301.19**, Safety devices and controls, as follows:
"Oil burners, other than oil stoves with integral tanks, shall be provided with means for manually stopping the flow of oil to the burner. Such device or devices shall be placed in a readily accessible location a minimum of 10 feet from the burner. For electrically driven equipment, an identified switch in the burner supply circuit shall be provided at the entrance to the room or area where the appliance is located or, for equipment located in basements, the switch is required to be located at the top of stairs leading to the basement. An identifiable valve in the oil supply line,

operable from a location a minimum of 10 feet from the burner shall be used for other than electrically driven or controlled equipment."

vi. Section 307.1, Fuel-burning appliances, shall be amended to insert "drywell, sump pump, floor drain, [or] drainage system below floor" after "fixture."

vii. – ix. (No change.)

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

i. (No change.)

ii. [In] **Item 7** in Sections [504.8] **504.10**, Common exhaust systems for clothes dryers located in multistory structures, [item 7] **and 505.3, Common exhaust systems for domestic kitchens located in multistory structures**, is amended to add ", if provided," after the word "and".

iii. (No change.)

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. (No change.)

6. Chapter 8 of the mechanical subcode, entitled "Chimneys and Vents," shall be amended as follows:

i. In Section 801.18.2, Flue passageways, in the first sentence, "free of obstructions and combustible deposits" shall be deleted and "inspected in accordance with the chimney [certification] **verification** program as provided for in *N.J.A.C. 5:23-2.20(d)*" shall be inserted.

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. In Section, 923, Small ceramic kilns, "Section 105.2" shall be deleted in two locations and "N.J.A.C. 5:23-3.7" shall be inserted.

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.

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

i. (No change.)

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.

[8.] **9.** Chapter 11 of the mechanical subcode, entitled "Refrigeration," is amended as follows:

i. Section 1101.1, Scope, the words "and repair" shall be deleted.

ii. Section 1102.2.2, Purity, is deleted in its entirety.

iii. - iv. (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.

Renumber 9. as 11. (No change in text.)

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

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

(1) [Delete "IEBC—06, International Existing Building Code."]

(2) Delete "IPC—[06]**15**, International Plumbing Code."

[11.] **13.** Appendix A of the mechanical subcode entitled "[Combustion Air and] Chimney Connector Pass-Throughs" is informative and is not part of the code.

Renumber 12. as 14. (No change in text.)

[(c) Single station carbon monoxide alarms shall be installed and maintained in full operating condition in the immediate vicinity of each sleeping area in any guestroom or dwelling unit located in a building of Group I-1, R-1, R-2, R-3, R-4, or R-5, if the building contains a fuel-burning appliance or has an attached garage. An "open parking structure," as defined in the building subcode, shall not be deemed to be an attached garage.

1. Exceptions: Guestrooms or dwelling units which do not themselves contain a fuel-burning appliance or have an attached garage, but which are located in a building with a fuel-burning appliance or an attached garage, need not be provided with single station carbon monoxide alarms provided that:

i. The guestroom or dwelling unit is located more than one story above or below any story which contains a fuel-burning appliance or an attached garage; the guestroom or dwelling unit is not connected by duct work or ventilation shafts to any room containing a fuel-burning appliance or to an attached garage; and the building is provided with a common area carbon monoxide alarm system. The individual alarms shall be located in every room adjacent to the room(s) containing a fuel-burning appliance, and in every corridor, hall or lobby adjacent to such room(s) and in the immediate vicinity of any ventilated shaft, including, but not limited to, stair shafts, elevator shafts, ventilation shafts on the story containing the fuel-burning appliance and any story within two stories above or below said story. All such common area alarm devices shall be connected to an alarm monitoring station or shall be interconnected; or

ii. The building is provided with a monitored carbon monoxide alarm system. Individual alarms shall be located in every room containing a fuel-burning appliance. All such alarms shall be connected to an alarm monitoring station that shall be staffed at all times by a person who is trained and qualified to respond so as to protect the health and safety of building occupants in the event of the activation of one or more alarms. Carbon monoxide alarms and fire alarms may be incorporated into a common monitored system.

2. Carbon monoxide alarms shall be manufactured, listed and labeled in accordance with UL 2034 and shall be installed in accordance with the requirements of this section and NFPA 720. Carbon monoxide alarms shall be battery operated, hard-wired or of the plug-in type.]

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 authority of P.L. 1975, c. 217, as modified by P.L. 1996, c.53, the Commissioner hereby adopts the model code of the International Code Council, [2009] **2015**

International Residential Code known as the "[IRC/2009] **IRC/2015**" as the one-and two-family dwelling subcode in New Jersey subject to the modifications stated in (c) below.

i. (No change.)

ii. The [IRC/2009] **IRC/2015** may be known and cited as the one-and two-family dwelling subcode.

(b) The provisions of this subcode shall apply to [the construction, alteration, repair, or increase in size of detached one-or two-family dwellings, or single family townhouses, of Group R-5 not more than three stories in height. For this purpose, a townhouse shall be as defined in Section 202 of the International Residential Code: "A single-family dwelling unit constructed in a group of three or more attached units in which each unit extends from foundation to roof and with open space on at least two sides."] **detached one- and two-family dwellings and townhouses not more than three stories above grade plane in height with a separate means of egress serving each dwelling unit and their accessory structures.**

(c) The following chapters or sections of the [IRC/2009] **IRC/2015** shall be modified as follows:

1. (No change.)

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

i. – iii. (No change)

iv. In the definition of "Approved Agency," "or other authority having jurisdiction in accordance with the Uniform Construction Code" shall be inserted after ["Official."]

“official.”

v. The definition of "Attic, habitable" shall be deleted **and the following shall be inserted: An attic that has a stairway as a means of access and egress and in which the ceiling area at a height of seven feet above the attic floor is not more than one-third the area of the next floor below.**

vi. The definition[s] of "Building" shall be deleted and the [definition at N.J.A.C. 5:23-3.14(b)2iv] **following** shall be inserted[.]: **BUILDING. A structure enclosed with exterior walls or fire walls, built, erected and framed of component structural parts, designed for the housing shelter, enclosure and support of individuals, animals or property of any kind. When used herein, building and structure shall be interchangeable except where the context clearly indicates otherwise.**

vii. – xi. (No change.)

xii. The definition of “Guestroom” shall be deleted.

xiii. The definition of “Historic Building” shall be deleted.

Re-number xii. as xiv. (No change in text.)

xv. The definition of “Lodging House” shall be deleted.

Re-number xiii. as xvi. (No change in text.)

[xiv.] **xvii. The definition of "Owner" shall be deleted and the [definition at N.J.A.C. 5:23-3.14(b)2viii] 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."**

Re-number xv. – xviii as xviii. – xxi. (No change in text.)

xxii. The definition of “Reroofing,” “Roof Recover,” “Roof Repair,” “Roof Replacement” shall be deleted.

Re-number xix. as xxiii. (No change in text.)

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

i. Add new Section R300 as follows:

"R300 Height and Area Limitations. Buildings of VB, unprotected wood framed construction, as that term is defined in Section 602 of the building subcode, shall be not more than two stories, not more than 35 feet in height, and not more than 4,800 square feet in area per floor. For the purpose of applying this section, a habitable attic shall not constitute a story. [A habitable attic shall be an attic that has a stairway as a means of access and egress and in which the ceiling area at a height of seven feet above the attic floor is not more than one-third the area of the next floor below.]

R300.1 Increases in Height. The building shall be not more than three stories and not more than 55 feet in height where the building is equipped throughout with an automatic sprinkler system installed in accordance with the National Fire Protection Association (NFPA) Standard 13D or [13R and where the system is monitored by an approved supervising station in accordance with NFPA 72] or **Section P2904**.

R300.2 Increases in area. The area of a building may be increased as provided in Sections R300.2.1 and Section R300.2.2 below.

R300.2.1 The area limitation shall be [permitted to be increased 200 percent for one-and two-story buildings and 100 percent for buildings more than two stories in height] **unlimited** where a building is equipped throughout with an automatic sprinkler system installed in accordance with NFPA Standard 13D or **Section P2904**.

R300.2.2 The area limitation shall be permitted to be increased two percent for each one percent of excess frontage where a building has more than 25 percent of the building perimeter fronting

on a street or other unoccupied space. The unoccupied space shall be on the same lot or dedicated for public use, shall be not less than 30 feet in width, and shall have access from a street by a posted fire lane that is not less than 18 feet in width.

R300.3 Buildings of VA construction. Buildings of VA, protected wood framed construction, as that term is defined in Section 602 of the building subcode, shall be not more than three stories, not more than 40 feet in height, and not more than 10,200 square feet in area per floor.

R300.3.1 Buildings of VA construction greater than three stories in height shall be designed and constructed in accordance with the building subcode.

R300.3.2 Buildings of VA construction shall be permitted to be increased in area in accordance with R300.2.

R300.4 Buildings of other types of construction: The height and area limits allowable for buildings of construction type VA shall apply to other construction types, as they are defined in Section 602 of the building subcode, provided that the fire ratings of building elements meet or exceed the requirements for type VA in Tables 601 and 602 of the building subcode.

ii. [In Section R301.2.1.2, Protection of openings, in the first sentence, "and glass doors" shall be inserted after "Windows." In addition, in the exception, "in one-and two-story buildings" shall be deleted from the first sentence.

iii.] ii. Table R301.2(1), Climatic and Geographic Design Criteria, shall be amended as follows:

Table [No.] R301.2(1)

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

Ground Snow Load (lbs./sq. ft.)	Wind Speed (mph)	Seismic Design Category	Subject to Damage From Weathering	Frost Line Depth	Subject to Damage Termite
20 See note 4	See Fig. R301.2(4)A	N/A	Severe See note 1	2 feet-6 inches (Southern Area) 3 feet-0 inches (Northern Area) See notes 2, 3 and 4	Moderate to Heavy

Notes:

1. Weathering may require a higher strength concrete or grade of masonry than necessary to satisfy structural requirements of this code. The grade of masonry units shall be determined from the ASTM C34, C55, C62, C73, C90, C129, C145, C216, or C625 listed in Chapter 43.
2. The frost line depth may require deeper footings than indicated in Section R403.1.4. The jurisdiction shall fill in the frost line depth column with minimum depth of footing below finished grade.

3. New Jersey is divided into two zones: Zone 1 consists of Monmouth and Burlington Counties and all counties to the south. Zone 2 consists of Mercer and Middlesex Counties and all counties to the north.

4. The enforcing agency having jurisdiction may establish values other than the ones listed for "ground snow load," and "frost line depth" if warranted by documented local climatic and geographic conditions."

[iv.] **iii.** Section R301.2.1.5, Topographic wind effects, shall be deleted. **In addition, Table R301.2.1.5.1 and Figures R301.2.1.5.1(1), (2) and (3) shall be deleted.**

[v.] **iv.** Section R301.2.2, Seismic provisions, shall be deleted in its entirety and the following shall be inserted: "Detached one- and two-family dwellings and attached single-family townhouses are exempt from the seismic requirements of this code." [In addition, the exception shall be deleted in its entirety.]

Renumber vi. – viii. as v.- vii. (No change in text.)

[ix.] **viii.** In Section R302.2, Townhouses, in the **fourth sentence**, [first sentence of the exception, "1-hour" shall be deleted and "2-hour" shall be inserted. Additionally, in the second sentence of the exception,] "Chapters 34 through 43" shall be deleted and "the electrical subcode (*N.J.A.C. 5:23-3.16*)" shall be inserted.

[x. In Section R302.2.4, Structural Independence, Item #5 shall be amended as follows: "1-hour" shall be deleted and "2-hour" shall be inserted.]

Renumber xi. as ix. (No change in text.)

x. In Section R302.5.1, Opening protection, in the last sentence, “, equipped with a self-closing device” shall be deleted.

xi. In Section R302.6, Dwelling-garage fire separation, “Attachment of gypsum board shall comply with Table R702.3.5.” shall be deleted.

xii. Table R302.6, [Dwelling/Garage] **Dwelling-Garage** Separation, shall be amended as follows: In the column entitled "Material" and the rows entitled "From all habitable rooms 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.

xiii. [In Section 302.13, Combustible Insulation Clearance, "Section N1102.4.5" shall be deleted and "the energy subcode (*N.J.A.C. 5:23-3.18*)" shall be inserted.

xiv.] Section [R303.6, Stairway] **R303.7, Interior stairway** illumination, [and] Section [R303.6.1] **R303.7.1, Light activation, and R303.8, Exterior stairway illumination,** shall be deleted in their entirety.

[xv.] **xiv.** Section [R303.8] **R303.10, Required heating,** shall be deleted in its entirety.

[xvi.] **xv.** 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, entitled 'Minimum Fixture Clearances' " shall be inserted. In addition, Figure R307.1 shall be deleted [in its entirety].

Renumber xvii. as xvi. (No change in text.)

xvii. In Sections R310.2.3.2, Drainage, and R310.3.2.1, Drainage, "Section R405.1" shall be deleted in the body of the general text and again in the exception and "Section R406.1" shall be inserted for each deletion.

xviii. Sections R310.5, Dwelling additions, and R310.6, Alterations or repairs of existing basements, shall be deleted.

Renumber xviii. as xix. (No change in text.)

[xix.] **xx.** In Section [R311.7.4.1, Riser height] **R311.7.5.1, Risers**, [in the first sentence,] "7 3/4 inches (196 mm)" shall be deleted and "8 1/4 inches (210 mm)" shall be inserted.

[xx.] **xxi.** In Sections [R311.7.4.2, Tread depth] **R311.7.5.2, Treads, and R311.7.5.2.1, Winder treads**, [in the first sentence of the first paragraph, "10 inches (254 mm)" shall be deleted and "9 inches (229 mm)" shall be inserted. [In addition, in the first sentence of the second paragraph, "10 inches (254 mm)" shall be deleted and "9 inches (229 mm)" shall be inserted.]

[xxi.] **xxii.** In Section [R311.7.7.1] **R311.7.8.1, Height**, "34 inches (864 mm)" shall be deleted and "30 inches (762 mm)" shall be inserted.

[xxii. Section R311.7.8, Illumination, shall be deleted in its entirety.]

xxiii. (No change.)

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

xxv. In Section R311.8.1, Maximum slope, delete the second sentence.

Re-number xxiv. as xxvi. (No change in text.)

[xxv. In Section R313.1.1, Design and installation, "or NFPA 13D" shall be inserted after "Section P2904".]

Re-number xxvi. as xxvii. (No change in text.)

[xxvii.] **xxviii.** Section [R314.3.1] **R314.2.2, Alterations, repairs and additions**, shall be deleted [in its entirety].

[xxviii. In Section R314.4, Power source, both exceptions shall be deleted.]

xxix. In Section R314.4, Interconnection, the exception shall be deleted.

xxx. In Section R314.6, Power source, both exceptions shall be deleted.

xxxi. 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.] **xxxii. In Section R315.2, Where required [in existing dwellings], “and R315.2.2” shall be deleted. Also, Section R315.2.2, Alterations, repairs and additions, shall be deleted.**

[xxx.] **xxxiii. In Section R319, Site address, the fourth, fifth and ninth sentences shall be deleted [in its entirety]. Additionally, in the seventh sentence, “fire code official” shall be deleted and “fire protection subcode official” shall be inserted.**

[xxxiv.] **xxxiv. Section R320, Accessibility, shall be deleted [in its entirety].**

[xxxv.] **xxxv. Section R321, Elevators and platform lifts, shall be deleted [in its entirety].**

Re-number xxxiii. – xxxiv. as xxxvi. – xxxvii. (No change in text.)

[xxxv.] **xxxviii. In Section R322.1.6[.], Protection of mechanical, plumbing and electrical systems, the second sentence shall be deleted [in its entirety].**

Re-number xxxvi. as xxxix. (No change in text.)

[xxxvii.] **xl. In Section R322.1.9, Manufactured homes, in the first sentence, “[or] and replacement” [and “and the anchor and tie-down requirements of Section AE604 and AE605 of Appendix E shall apply”] shall be deleted.**

Re-number xxxviii. – xlii. as xli. – xlv. (No change in text.)

xlvi. In Section R326.1, General, “and enclosures” shall be inserted between “spas” and “shall”. In addition, the following shall be added to the end of the section: “Amendments to the ISPC shall be as follows:

1. Chapter 1, Scope and Administration, shall be deleted in its entirety. 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 Section 201.2, 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 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 "permit," and "repair" shall be deleted.

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

3.1 In Section 302.1, Electrical, "or the International Residential Code, as applicable in accordance with Section 102.7.1" shall be deleted.

3.2 In Section 302.2, Water service drainage, “International Plumbing Code” shall be deleted and “plumbing subcode (N.J.A.C. 5:23-3.15)” shall be inserted.

3.3 In 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 Section 305, Barrier requirements, shall be amended as follows:

3.4.1 In Section 305.1, General, Exception 2 shall be deleted.

3.4.2 Section 305.4, Structure wall as a barrier, shall be deleted.

3.4.3 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 In Section 306.1, General, “in accordance with Section 102.7.1” shall be deleted.

3.6 Sections 306.3, Stair treads and risers, and 306.4, Deck steps handrail required, shall be deleted.

3.7 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 In Sections 307.2, Glazing in hazardous locations, 307.4, Materials and structural design, 307.8, Roofs or canopies, and 316.4, Installation, “in accordance with Section 102.7.1” shall be deleted.

3.9 In Section 307.9, Accessibility, the last sentence shall be deleted.

3.10 In Section 318.2, 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 In Section 321.4, Residential pool and deck illumination, “or the International Residential Code, as applicable in accordance with Section 102.7.1” shall be deleted.

4. Chapter 4, Public swimming pools, shall be amended as follows:

4.1 In Section 410.1, Dressing and sanitary facilities, “International Plumbing Code” shall be deleted and “plumbing subcode (N.J.A.C. 5:23-3.15)” shall be inserted.

5. Amendments to Chapter 6, Aquatic recreation facilities, shall be amended as follows:

5.1 In 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 Section 609.1, General, “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, 606.5, Toilet tissue holder, 609.6, Lavatory mirror, 606.7, Sanitary napkin receptacles, 609.8, Sanitary napkin dispensers and 609.9, Infant Care, shall be deleted.

6. Chapter 11, Referenced Standards, shall be amended as follows:

6.1 In the ICC table, "IPC-15, International Plumbing Code" shall be deleted and "NSPC-12, National Standard Plumbing Code*" shall be inserted. In addition, at the bottom of the ICC table, "* NSPC-12 is non-ICC and is published by the National Association of Plumbing-Heating-Cooling Contractors" shall be inserted.

4. Chapter 4, Foundations, shall be amended as follows:

i. - vii. (No change.)

viii. In Section 404.4, Retaining walls, in the first sentence “that are not laterally supported at the top and that retain in excess of 48 inches (1219 mm) of unbalanced fill, or retaining walls exceeding 24 inches (610 mm) in height that resist lateral loads in addition to soil” shall be deleted and “for which a construction permit is required by N.J.A.C. 5:23-2.14” shall be inserted.

[viii.] **ix.** 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 [1807] **1805**, Dampproofing and Waterproofing from the [International Building Code (IBC)/2006] **building subcode** shall be inserted as follows:

"R406.1 [Where required] **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 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 [six] **6** inches (152 mm) of the ground level at the outside building perimeter, or [where there is evidence] 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 underfloor 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/FIA-] **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 [pump;] **operate** and the rated capacity of the disposal area of the system.

R406.2 Dampproofing [required]. 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 [AFPA TR7] **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 [six] **6**-mil (0.006 inch; 0.152 mm) polyethylene with joints lapped not less than [six] **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 [four] **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, [three] **3** pounds per square yard (16N/m²) 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] **portland** cement mortar. The parging shall be covered 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 [required]. 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 ~~six~~ **6**-mil (**0.006 inch; 0.152 mm**) polyvinyl chloride with joints lapped not less than [six] **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 [six]6-mil (0.006 inch; 0.152 mm) polyvinyl chloride, 40-mil (0.040 inch; 1.02 mm) polymer-modified asphalt, [six]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 [four] 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 [dedicated drainage system] **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 [six] 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 [two] 2 inches (51 mm) of gravel or crushed stone complying with Section R406.4.1 and shall be covered with not less than [six] 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.

Exception: Where a site is located in well-drained gravel or sand/gravel mixture soils, a dedicated drainage system is not required."

[R406.4.4 Precast concrete foundations. Precast concrete walls that retain earth and enclose habitable or useable space located below grade that rest on crushed stone footings shall have a perforated drain pipe installed below the base of the wall on either the interior or the exterior side of the wall, at least one foot (305 mm) beyond the edge of the wall. If the exterior drainage pipe

is used, an approved filter membrane material shall cover the pipe. The drainage system shall discharge into an approved drainage system that complies with the plumbing subcode."]

Renumber ix. as x. (No change in text.)

[x. In Section R408.3, Unvented crawl space, in Condition 2.1 and Condition 2.2, "Section N1102.2.9" shall be deleted and "the energy subcode (*N.J.A.C. 5:23-3.18*)" shall be inserted.]

xi. (No change.)

5. Chapter 5, Floors, shall be amended as follows:

i.- iii. (No change.)

iv. Section 507.2.4, Deck lateral load connection, shall be deleted in its entirety.

6. Chapter 6, Wall Construction, shall be amended as follows:

i. In Figure R602.6.1, [Notching and Bored Hole Limitations for Exterior Walls and Bearing Walls, "eight 10d nails" shall be deleted and "three-8d nails"] **Top plate framing to accommodate piping, "8-10d nails" shall be deleted and "3-8d nails" shall be inserted.**

ii.- iii. (No change.)

iv. In Section [R611.1] **R608.1**, General, the second sentence shall be deleted.

7. Chapter 8, Roof-Ceiling Construction, shall be amended as follows:

i. (No change.)

ii. New Section [802.10.6] **R802.10.5**, 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."

8. Chapter 9, Roof Assemblies, shall be amended as follows:

i. In Section R903.4.1, [Overflow] **Secondary (emergency overflow)** drains [and] **or** scuppers, in the last sentence **of the first paragraph, "Sections 1106 and 1108 as applicable of the International Plumbing Code"** shall be deleted and "plumbing subcode (*N.J.A.C. 5:23-3.15*)" shall be inserted in its place.

ii. In Section[s 905.2.7.1, 905.4.3.1, 905.5.3.1, 905.6.3.1, 905.7.3.1 and 905.8.3.1] **R905.16.4.1, Ice barrier**, in the first sentence, delete "In areas where there has been a history of ice forming along the eaves causing a back-up of water as designated in table R301.2(1)", and "In areas where the average daily temperature in January is 25[degrees]F (-4[degrees]C) or less," shall be inserted.

9. Chapter 10, Chimneys and Fireplaces, shall be amended as follows:

i. In Section R1001.11, Fireplace clearance, Exception 3, "12 inches" shall be deleted and "six inches" shall be inserted. **In addition, in Figure R1001.11, Clearance from combustibles, "12 IN." shall be deleted and "6 IN." shall be inserted.**

ii. In Section R1003.18, Chimney clearances, Exception 3, "[12] 8 inches" shall be deleted and "six inches" shall be inserted.

iii. (No change.)

10. Chapter 11, Energy Efficiency, shall be [deleted in its entirety] **amended as follows:**

i. Sections N1101.2 (R101.3), Intent, and N1101.5 (R103.2), Information on construction documents, shall be deleted.

ii. In Section N1101.6 (R202), Defined terms, the following definitions shall be deleted: Addition, Alteration, Approved, Approved Agency, Building, Historic Building,

Repair, Reroofing, Residential Building, Roof Recover, Roof Repair, and Roof Replacement.

iii. Section N1101.12 (R303.3), Maintenance information, shall be deleted.

iv. In Section N1102.4.1 (R402.4.1), Building thermal envelope, the “and” between R402.4.1.1 and R402.4.1.2 shall be deleted and “or” shall be inserted in its place.

v. Section N1103.2 (R403.2), Hot water boiler outdoor temperature setback, shall be deleted.

vi. In Section N1103.7 (R403.7), Equipment sizing and efficiency rating (Mandatory), “or replacement” shall be deleted in the second sentence.

vii. In Section N1103.8 (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 90.1-2013".

viii. Sections N1107 (R501), Existing Buildings--General, N1108 (R502), Additions, N1109 (R503), Alterations, N1110 (R504), Repairs, and N1111 (R505), Change of Occupancy or Use, shall be deleted.

11. – 12. (No change.)

13. Chapter 14, Heating and Cooling Equipment, shall be amended as follows:

i. – vii. (No change.)

viii. In Section [M1413.2, Protection of potable water] **M1413.1, General**, "Section P2902" shall be deleted **in item #4** and "the plumbing subcode (*N.J.A.C. 5:23-3.15*)" shall be inserted.

14. Chapter 18, Chimney and Vents, shall be amended as follows:

i. In Section M1801.3.2, Flue passageways, in the first sentence, "free of obstructions and combustible deposits" shall be deleted and "inspected in accordance with the

chimney [certification] **verification** program as provided for in *N.J.A.C. 5:23-2.20(d)*" shall be inserted.

15. Chapter 20, Boilers/Water Heaters, shall be amended as follows:

i. In Sections M2004.1, General, **and M2005.1, General**, "Chapter 28" shall be deleted and "the plumbing subcode (*N.J.A.C. 5:23-3.15*)" shall be inserted.

ii. (No change.)

16. Chapter 21, Hydronic Piping, shall be amended as follows:

i. (No change.)

ii. In Sections M2101.3, Protection of potable water, **and M2105.18, Protection of potable water**, "Section P2902" shall be deleted and "the plumbing subcode (*N.J.A.C. 5:23-3.15*)" shall be inserted.

iii. In Section M2103.3, Pipe joists, in Item #2, "Section P3003.6.1" shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

iv. In Section M2105.19, Pipe penetrations, "Section P2606.1" shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

17. (No change.)

18. Chapter 23, Solar **Thermal** Systems, shall be amended as follows:

i. In Section M2301.4, Heat transfer gasses or liquids and heat exchangers, "Section P2902.5.2" shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

[i.] **ii. In Sections M2301.5, Backflow protection, and M2301.7, Solar thermal systems for heating potable water**, "Section P2902.5.5" shall be deleted and "the plumbing subcode (*N.J.A.C. 5:23-3.15*)" shall be inserted.

iii. In Section M2301.7.1, Indirect systems, “Section P2902.5.2” shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

iv. In Section M2301.7.2, Direct systems, “Chapter 29” shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

19. Chapter 24, Fuel Gas, shall be amended as follows:

i. (No change.)

ii. Section G2403, entitled "General Definitions" shall be amended as follows:

(1) The definition of "approved," “**approved agency,**” “**code**” and “**code official**” shall be deleted.

[(2) The definition of "code" shall be deleted.

(3) The definition of "code official" shall be deleted and the following shall be inserted: "For the purpose of this subcode, the term 'code official' shall mean the appropriate subcode official as required by *N.J.A.C. 5:23-3.4.*"

iii. – viii. (No change.)

ix. Add new Section [G2412.9] **G2412.11** as follows:

[G2412.9] **G2412.11** (401.9) Protection from vehicle impact. Gas meters, related regulators and piping that are installed indoors or outdoors and are subject to vehicle impact shall be protected by barriers meeting the requirements of Section 312 of the International Fire Code. For the purpose of applying this provision, "subject to vehicle impact" shall mean located within three feet of any garage door opening, driveway or designated parking area and not separated by a building wall from the space where a vehicle may be operated.

Exception: If verification of the installation of an excess flow valve is provided by the gas utility, vehicle impact barriers shall not be required.

x. – xi. (No change.)

[xii. Section G2417.7, entitled "Purging," shall be deleted and the following shall

be inserted:

G2417.7 Purging requirements. The purging of piping shall be in accordance with Sections G2417.7.1 through G2417.7.3.

G2417.7.1 Piping systems required to be purged outdoors. The purging of piping systems shall be in accordance with the provisions of Sections G2417.7.1.1 through G2417.7.1.4 where the piping system meets either of the following:

1. The design operating gas pressure is greater than 2 psig.
2. The piping being purged contains one or more sections of pipe or tubing meeting the size and length criteria of Table G2417.7.1.1.

G2417.7.1.1 Removal from service. Where existing gas piping is opened, the section that is opened shall be isolated from the gas supply and the line pressure vented in accordance with Section G2417.7.1.3. Where gas piping meeting the criteria of Table G2417.7.1.1 is removed from service, the residual fuel gas in the piping shall be displaced with an inert gas.

Table G2417.7.1.1 Size and Length of Piping

Nominal Pipe Size (inches)<a>	Length of Piping (feet)
>2 1/2 <3	> 50
>3 <4	> 30
>4 <6	> 15
>6 <8	> 10

Table G2417.7.1.1 Size and Length of Piping

Nominal Pipe Size (inches)<a>	Length of Piping (feet)
>8	Any length

For SI units: 1 inch = 25.4mm; 1 ft =304.8mm.

a. CSST EHD size of 62 is equivalent to nominal 2 inch pipe or tubing size.

G2417.7.1.2 Placing in operation. Where gas piping containing air and meeting the criteria of Table G2417.7.1.1 is placed in operation, the air in the piping shall first be displaced with an inert gas. The inert gas shall then be displaced with fuel gas in accordance with Section G2417.7.1.3.

G2417.7.1.3 Outdoor discharge of purged gases. The open end of a piping system being pressure vented or purged shall discharge directly to an outdoor location. Purging operations shall comply with all of the following requirements:

1. The point of discharge shall be controlled with a shutoff valve.
2. The point of discharge shall be located at least 10 feet from sources of ignition, at least 10 feet from building openings and at least 25 feet from mechanical air intake openings.
3. During discharge, the open point of discharge shall be continuously attended and monitored with a combustible gas indicator that complies with Section G2417.7.1.4.

4. Purging operations introducing fuel gas shall be stopped when 90% fuel gas by volume is detected within the pipe.
5. Persons not involved in the purging operations shall be evacuated from all areas within 10 ft of the point of discharge.

G2417.7.1.4 Combustible gas indicator. Combustible gas indicators shall be listed and shall be calibrated in accordance with the manufacturer's instructions. Combustible gas indicators shall numerically display a volume scale from 0% to 100% in 1% or smaller increments.

G2417.7.2 Piping systems allowed to be purged indoors or outdoors. The purging of piping systems shall be in accordance with the provisions of Section G2417.7.2.1 where the piping system meets both of the following:

1. The design operating gas pressure is 2 psig or less.
2. The piping being purged is constructed entirely from pipe or tubing not meeting the size and length criteria of Table G2417.7.1.1.

G2417.7.2.1 Purging procedure. The piping system shall be purged in accordance with one or more of the following:

1. The piping shall be purged with fuel gas and shall discharge to the outdoors.
2. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through an appliance burner not located in a combustion chamber. Such burner shall be provided with a continuous source of ignition.
3. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through a burner that has a continuous source of ignition and that is designed for such purpose.

4. The piping shall be purged with fuel gas that is discharged to the indoors or outdoors, and the point of discharge shall be monitored with a listed combustible gas detector in accordance with Section G2417.7.2.2. Purging shall be stopped when fuel gas is detected.

5. The piping shall be purged by the gas supplier in accordance with written procedures.

G2417.7.2.2 Combustible gas detector. Combustible gas detectors shall be listed and shall be calibrated or tested in accordance with the manufacturer's instructions. Combustible gas detectors shall be capable of indicating the presence of fuel gas.

G2417.7.3 Purging appliances and equipment. After the piping system has been placed in operation, appliances and equipment shall be purged before being placed into operation.]

[xiii.] **xii.** In Section G2425.15.2, Flue passageways, in the first sentence, "free of obstructions and combustible deposits" shall be deleted and "inspected in accordance with the chimney [certification] **verification** program as provided for in *N.J.A.C. 5:23-2.20(d)*" shall be inserted.

[xiv.] **xiii.** In Section G2427.5.5, Inspection of chimneys, "examined to ascertain that it is clear and free of obstructions" shall be deleted and "inspected in accordance with the chimney [certification] **verification** program as provided for in *N.J.A.C. 5:23-2.20(d)*" shall be inserted.

Renumber xv. – xvi. as xiv.- xv. (No change in text.)

20. – 23. (No change.)

[24. Chapter 44, Referenced standards, shall be amended as follows:

i. Under the subheading, NFPA, "NFPA 13R-07 Installation of Sprinkler Systems in Residential Occupancies Up To and Including Four Stories in Height" shall be inserted.]

[25.] **24.** The Appendices shall be amended as follows:

i. (No change.)

ii. Appendix D, Recommended Procedure for Safety Inspection of an Existing Appliance Installation[:]; Appendix E, Manufactured Housing Used as Dwellings[: and]; Appendix F, **Passive Radon Gas Controls Methods; and Appendix G, Piping Standards for Various Applications**, are deleted in their entirety.

[iii. In Appendix G, Section AG105.1, Application, "subject to this code" shall be inserted at the end of the first sentence.

iv. Appendix G, Swimming pools, Spas and hot tubs, shall be adopted as part of this subcode and Section AG105.2, Outdoor swimming pool, Provision 9 shall be deleted in its entirety. In the same section, under Provision 10, Item 10.1 shall be deleted. In addition, the last sentence in Item 10.2 shall be deleted. Also, Section AG105.3, Indoor swimming pool, "Item 9" shall be deleted and "Items 1 through 7" shall be inserted.]

Renumber v. as iii. (No change in text.)

[vi.] **iv.** Appendix I, Private Sewage Disposal; Appendix J, Existing Buildings and Structures; Appendix L, Permit Fees; Appendix M, Home Day Care - R-3 Occupancy; Appendix N, Venting Methods; Appendix O, [Gray Water Recycling Systems] **Automatic Vehicular Gates**; Appendix P, Sizing of Water Piping Systems; and Appendix Q, [ICC International Residential Code Electrical Provisions/National Electrical Code Cross-Reference] **Reserved**, shall be deleted [in their entirety].

v. Appendix R, Light Straw-Clay Construction; and Appendix S, Strawbale Construction, shall be adopted as part of this subcode.

vi. Appendix T, Recommended Procedure For Worst-Case Testing Of Atmospheric Venting Systems Under N1102.4 or N1105 Conditions $\leq 5ACH_{50}$; and

Appendix U, Solar-Ready Provisions—Detached One- And Two-Family Dwellings, Multiple Single-Family Dwellings (Townhouses), shall be deleted in its entirety.

5:23-3.22 Fuel gas subcode

(a) Rules concerning the **fuel gas** subcode adopted are as follows:

1. Pursuant to authority of 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/[2009]**2015**. This code is hereby adopted by reference as the fuel gas subcode for the State of New Jersey subject to the modifications in (b) below.

i. (No change.)

ii. The International Fuel Gas Code/[2009]**2015** may be known and cited as the "fuel gas subcode."

2. – 3. (No change.)

(b) The following chapters, sections or pages of the International Fuel Gas Code/[2009]**2015** shall be amended as follows:

1. (No change.)

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

i. In Section 201.3, Terms defined in other codes, delete "International Plumbing Code," and insert "the plumbing subcode (**N.J.A.C. 5:23-3.15**)."

ii. The definition of the term "alteration" is deleted[;].

iii. The definition of the term "approved" is deleted[;] **and the following shall be inserted: "Approved refers to approval by the building subcode official or other authority having jurisdiction in accordance with the regulations."**

iv. In the definition of "Approved Agency," "or other authority having jurisdiction in accordance with the Uniform Construction Code" shall be inserted after "official."

[iv.] v. The definition of the term "code" is deleted[;].

Re-number v. as vi. (No change in text.)

vii. In the definition of "Dwelling Unit," "living as a single housekeeping unit" shall be inserted after "persons."

Re-number vi. as viii. (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.

Re-number iii. – vii. as iv.- viii. (No change in text.)

4. Chapter 4 of the fuel gas subcode, entitled "Gas Piping Installation," shall be amended as follows:

i. (No change.)

ii. Add new Section [401.9] **401.11** as follows:

[401.9] **401.11** Protection from vehicle impact. Gas meters, related regulators and piping that are installed indoors or outdoors and are subject to vehicle impact shall be protected by barriers meeting the requirements of Section 312 of the International Fire Code. For the purpose of applying this provision, "subject to vehicle impact" shall mean located within three feet of any garage door opening, driveway or designated parking area and not separated by a building wall from the space where a vehicle may be operated.

(1) Exception: If verification of the installation of an excess flow valve is provided by the gas utility, vehicle impact barriers shall not be required.

iii. –iv. (No change.)

[v. Section 406.7, entitled "Purging," shall be deleted and the following shall be inserted:

406.7 Purging requirements. The purging of piping shall be in accordance with Sections 406.7.1 through 406.7.3.

406.7.1 Piping systems required to be purged outdoors. The purging of piping systems shall be in accordance with the provisions of Sections 406.7.1.1 through 406.7.1.4 where the piping system meets either of the following:

1. The design operating gas pressure is greater than 2 psig.
2. The piping being purged contains one or more sections of pipe or tubing meeting the size and length criteria of Table 406.7.1.1.

406.7.1.1 Removal from service. Where existing gas piping is opened, the section that is opened shall be isolated from the gas supply and the line pressure vented in accordance with Section 406.7.1.3. Where gas piping meeting the criteria of Table 406.7.1.1 is removed from service, the residual fuel gas in the piping shall be displaced with an inert gas.

Table 406.7.1.1 Size and Length of Piping

Nominal Pipe Size (inches)<a>	Length of Piping (feet)
>2 1/2 <3	> 50

Table 406.7.1.1 Size and Length of Piping

Nominal Pipe Size (inches)<a>	Length of Piping (feet)
>3 <4	> 30
>4 <6	> 15
>6 <8	> 10
>8	Any length

For SI units: 1 inch = 25.4mm; 1 ft =304.8mm.

a. CSST EHD size of 62 is equivalent to nominal 2 inch pipe or tubing size.

406.7.1.2 Placing in operation. Where gas piping containing air and meeting the criteria of Table 406.7.1.1 is placed in operation, the air in the piping shall first be displaced with an inert gas.

The inert gas shall then be displaced with fuel gas in accordance with Section 406.7.1.3.

406.7.1.3 Outdoor discharge of purged gases. The open end of a piping system being pressure vented or purged shall discharge directly to an outdoor location. Purging operations shall comply with all of the following requirements:

1. The point of discharge shall be controlled with a shutoff valve.
2. The point of discharge shall be located at least 10 feet from sources of ignition, at least 10 feet from building openings and at least 25 feet from mechanical air intake openings.
3. During discharge, the open point of discharge shall be continuously attended and monitored with a combustible gas indicator that complies with Section 406.7.1.4.

4. Purging operations introducing fuel gas shall be stopped when 90% fuel gas by volume is detected within the pipe.

5. Persons not involved in the purging operations shall be evacuated from all areas within 10 ft of the point of discharge.

406.7.1.4 Combustible gas indicator. Combustible gas indicators shall be listed and shall be calibrated in accordance with the manufacturer's instructions. Combustible gas indicators shall numerically display a volume scale from 0% to 100% in 1% or smaller increments.

406.7.2 Piping systems allowed to be purged indoors or outdoors. The purging of piping systems shall be in accordance with the provisions of Section 406.7.2.1 where the piping system meets both of the following:

1. The design operating gas pressure is 2 psig or less.
2. The piping being purged is constructed entirely from pipe or tubing not meeting the size and length criteria of Table 406.7.1.1.

406.7.2.1 Purging procedure. The piping system shall be purged in accordance with one or more of the following:

1. The piping shall be purged with fuel gas and shall discharge to the outdoors.
2. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through an appliance burner not located in a combustion chamber. Such burner shall be provided with a continuous source of ignition.
3. The piping shall be purged with fuel gas and shall discharge to the indoors or outdoors through a burner that has a continuous source of ignition and that is designed for such purpose.

4. The piping shall be purged with fuel gas that is discharged to the indoors or outdoors, and the point of discharge shall be monitored with a listed combustible gas detector in accordance with Section 406.7.2.2. Purging shall be stopped when fuel gas is detected.

5. The piping shall be purged by the gas supplier in accordance with written procedures.

406.7.2.2 Combustible gas detector. Combustible gas detectors shall be listed and shall be calibrated or tested in accordance with the manufacturer's instructions. Combustible gas detectors shall be capable of indicating the presence of fuel gas.

406.7.3 Purging appliances and equipment. After the piping system has been placed in operation, appliances and equipment shall be purged before being placed into operation.]

5. Chapter 5 of the fuel gas code, entitled "Chimneys and vents," shall be amended as follows:

i. In Section 501.15.2, Flue passageways, in the first sentence, "free of obstructions and combustible deposits" shall be deleted and "inspected in accordance with the chimney [certification] **verification** program as provided for in *N.J.A.C. 5:23-2.20(d)*" shall be inserted.

ii. In Section 503.5.6, Inspection of chimneys, "examined to ascertain that it is clear and free of obstructions" shall be deleted and "inspected in accordance with the chimney [certification] **verification** program as provided for in *N.J.A.C. 5:23-2.20(d)*" shall be inserted.

iii. (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 .

Renumber ii as iii. (No change in text.)

7. Chapter 8 of the fuel gas code, entitled "Referenced Standards," shall be amended as follows:

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

(1) [Delete "IEBC—06, International Existing Building Code."]

(2) [Delete "IPC—[06]15, International Plumbing Code."]

8. – 9. (No change.)