

(d) Pursuant to Reorganization Plan No. 004-1996, the Department or the municipal code enforcing agency shall have authority to enforce and cite violations of N.J.A.C. 6:22-5.4.

Amended by R.1986 d.142, effective May 5, 1986.

See: 17 N.J.R. 1169(a), 18 N.J.R. 945(a).

New (a)7; old (a)7 through 9 renumbered (a)8.-10.

Administrative Change: This section was originally part of N.J.A.C. 5:23-3.11.

See: 18 N.J.R. 1842(a).

Amended by R.1988 d.155, effective April 4, 1988.

See: 20 N.J.R. 824(d).

Added (d). This was amended by the rule adoption of the Department of Education published in the New Jersey Register at 20 N.J.R. 824(d).

Administrative Correction to (c).

See: 22 N.J.R. 2503(b).

Amended by R.1990 d.507, effective October 15, 1990.

See: 22 N.J.R. 2208(a), 22 N.J.R. 3214(a).

Text conformed to P.L. 1990, c.23, qualified agencies may perform plan review of public school structures.

Amended by R.1991 d.309, effective June 17, 1991.

See: 23 N.J.R. 1084(a), 23 N.J.R. 1922(a).

Rule conformed to P.L. 1990 c. 23; text at (c) revised to specify type of project covered; BOCA cites updated; reference to N.J.A.C. 6:22 added.

Amended by R.1993 d.662, effective December 20, 1993.

See: 25 N.J.R. 3891(a), 25 N.J.R. 5918(a).

Amended by R.1997 d.417, effective October 6, 1997.

See: 29 N.J.R. 3387(a), 29 N.J.R. 4285(a).

Deleted (a); recodified former (b) through (e) as (a) through (d); in (b), inserted "Prior to the release . . . of projects,;" in (b)1 and 2, inserted "public" preceding "school buildings"; in (c)7, deleted option of inspecting agency requiring subsequent correction of any errors in the plans, inserted second sentence, and in third sentence amended notice provisions.

Amended by R.1998 d.332, effective July 6, 1998.

See: 30 N.J.R. 1377(a), 30 N.J.R. 2421(b).

In (d), substituted "alarm" for "detection", changed BOCA reference and substituted a reference to (d)5ii for a reference to (e)5ii in 5, and changed BOCA in 6.

Amended by R.2000 d.166, effective April 17, 2000.

See: 31 N.J.R. 4151(a), 32 N.J.R. 1376(a).

Rewrote the section.

Amended by R.2001 d.127, effective April 16, 2001.

See: 33 N.J.R. 392(a), 33 N.J.R. 1195(a).

In (a)3, substituted "instructional spaces, the size of any such spaces" for "units" and substituted "such" for "instructional".

### 5:23-3.11B Underground storage tank systems

(a) The installation, repair (other than "minor repair," as defined in N.J.A.C. 7:14B-10.5), and closure (or "demolition") of underground storage tank systems, as defined in N.J.A.C. 7:14B-10.1, shall be controlled by the State Uniform Construction Code and by N.J.A.C. 7:14B-1 through 15.

(b) A DEP permit for the installation, repair or closure of an underground storage tank system that requires a DEP approval, or any part thereof, or an emergency permit granted pursuant to N.J.A.C. 7:14B, shall be a prior approval for any permit application submitted pursuant to the State Uniform Construction Code Act and these rules. Applicants installing secondarily contained systems for which no prior DEP approval is necessary shall be required to submit engineering drawings of the secondarily contained

systems and to certify that the underground storage tank system meets all requirements of N.J.A.C. 7:14B.

(c) Construction code officials shall retain all penalty powers, as set forth in these rules, with respect to the installation, usage or closure (demolition) of underground storage tank systems and parts thereof in violation of the State Uniform Construction Code Act or these rules.

(d) The following types of underground storage tank systems requiring a construction permit are exempt from the requirements of N.J.A.C. 7:14B:

1. Farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. Tanks with a capacity of 2,000 gallons or less used to store heating oil for onsite consumption in a nonresidential building;
3. Tanks used to store heating oil for onsite consumption in a residential building;
4. Septic tanks installed in compliance with rules adopted by DEP pursuant to P.L. 1954, c.199 (N.J.S.A. 58:11-23 et seq.);
5. Tanks situated in an underground area, including, but not limited to, basements, cellars, mines, drift shafts, or tunnels, if the storage tank is situated upon or above the surface of the floor;
6. Tanks situated in an underground area, including, but not limited to, basements, cellars, mines, drift shafts, or tunnels, if the storage tank is equipped with secondary containment and is uncovered so as to allow visual inspection of the exterior of the tank;
7. Wastewater treatment tanks;
8. Electrical equipment;
9. Hydraulic lift tanks; and
10. Any pipes, lines, fixtures, or other equipment connected to any tank exempted from the provisions of N.J.A.C. 7:14B as set forth in (b)1 to 9 above.

New Rule, R.1990 d.562, effective November 19, 1990.

See: 22 N.J.R. 2629(c), 22 N.J.R. 3482(d).

Amended by R.1997 d.409, effective October 6, 1997.

See: 29 N.J.R. 2736(a), 29 N.J.R. 4281(a).

In (d)3, deleted maximum capacity for tanks of 2000 gallons.

Amended by R.1998 d.332, effective July 6, 1998.

See: 30 N.J.R. 1377(a), 30 N.J.R. 2421(b).

In (d)3, deleted "with a capacity of 2000 gallons or less" following "Tanks".

### 5:23-3.12 Amended rules

Whenever the Commissioner shall make any modifications to the rules, notice of same shall be published in the New Jersey Register.

Amended by R.1995 d.544, effective October 16, 1995.

See: 27 N.J.R. 2827(a), 27 N.J.R. 3933(a).  
Amended by R.2000 d.413, effective October 16, 2000.  
See: 32 N.J.R. 2278(a), 32 N.J.R. 3783(a).  
Rewrote the section.

### 5:23-3.13 State-sponsored code change proposals

(a) Any municipality, other political subdivision, or agency of the State seeking to submit a "State-sponsored code change proposal" shall do so not less than 90 days prior to the code change meeting of the model code adoption agency for which the amendment is proposed.

(b) Such proposal shall be on a form provided by the model code organization where one is available. If none is available, such proposal shall state the name and address of the official proposing the code change, the agency or political subdivision represented, the text of the amendment suggested and an explanation of the amendment together with any technical justification deemed necessary by the proponents.

(c) A hearing shall thereafter be held in accordance with N.J.S.A. 52:27D-124 of the Act.

(d) Copies of the submitted applications for code change proposals, transcripts of hearings on such applications and State-sponsored code change proposals as adopted, shall be available from the department at a fee of \$.50 per page.

(e) Whenever a model code change hearing is scheduled so as not to permit adequate time to meet the procedures set forth in this section and in N.J.S.A. 52:27D-124 of the Act, the Commissioner may hold a hearing and require the advice of the code advisory board within a lesser time period, as the situation dictates.

### 5:23-3.14 Building subcode

(a) Rules concerning the building 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 Building Officials and Code Administrators International, Inc., known as the "BOCA National Building Code/1996." This code is hereby adopted by reference as the building subcode for New Jersey subject to the modifications stated in (b) below.

i. Copies of this code may be obtained from the sponsor at: BOCA, International, 4051 W. Flossmoor Road, Country Club Hills, Illinois 60478-5795.

ii. "The BOCA National Building Code/1996," may be known and cited as the "building subcode."

2. Any references to the mechanical code, plumbing code, CABO One and Two Family Dwelling Code, CABO A117.1 standard (including reference to chapter 11) or NFPA 70 (including reference to Chapter 27) listed in Chapter 35 shall be considered a reference to the appropriate adopted mechanical, plumbing, one and two family dwelling or electrical subcode referenced in N.J.A.C. 5:23-3 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. Chapter 1 of the building subcode, entitled "Administration," is deleted in its entirety.

2. The following amendments are made to Chapter 2 of the building subcode, entitled "Definitions," section 202.0 general definitions:

i. The term and definition of "Additions" is deleted;

ii. The definition of the term "Agricultural building" is amended to add a sentence as follows: "Structures qualifying under the Uniform Construction Code definition of Commercial Farm Buildings may be built according to the regulations at N.J.A.C. 5:23-3.2(d).";

iii. The definition of the term "Approved" is amended to delete the phrase "or other authority";

iv. The phrase and definition of "Approved material, equipment and methods" is deleted;

v. The term and definition of "Approved rules" is deleted;

vi. The term and definition "Attic, habitable" are added from the 1990 BOCA National Building Code as follows: "Attic, habitable: A habitable attic is an attic which has a stairway as a means of access and egress and in which the ceiling area at a height of 7 1/2 feet (2235 mm) above the attic floor is not more than one-third of the area of the next floor below."

vii. The definition of the term "Building" is deleted and replaced by the definition at N.J.A.C. 5:23-1.4;

viii. The term and definition of "Building, existing" is deleted;

ix. The term and definition of "Building line" is deleted;

x. The term and definition of "Building service equipment" is deleted and replaced by the term and definition of "equipment" at N.J.A.C. 5:23-1.4;

xi. The definition of the term "Code official" is deleted and is redefined herein and throughout the subcode as the "building subcode official" as defined in N.J.A.C. 5:23-1.4 unless indicated otherwise;

xii. The term and definition of "Equipment, existing" is deleted;

xiii. The terms and definitions of "hereafter" and "heretofore" are deleted;

xiv. The term and definition of "Jurisdiction" is deleted;

xv. The term and definition of "Occupancy, change of" is deleted;

- xvi. The definition of "Owner" is deleted and replaced by the definition at N.J.A.C. 5:23-1.4;
  - xvii. The term and definition of "Permit" is deleted;
  - xviii. The term and definition of "Person" is deleted;
  - xix. The term and definition of "Repair" is deleted;
  - xx. The definition of the term "Structure" is replaced by the definition at N.J.A.C. 5:23-1.4;
  - xxi. The term and definition "Structure, existing" is deleted;
  - xxii. The term and definition of "Writing" is deleted;
  - xxiii. The term and definition of "Zoning" is deleted.
3. The following amendments are made to Chapter 3 of the building subcode, entitled "Use or Occupancy."
- i. Section 301.2 is deleted;
  - ii. Section 307.8 is amended to replace the term "less" in the second line of exception #3 with the term "more."
  - iii. Section 310.6 is amended to delete the phrase "not more than three stories in height."
  - iv. Section 312.0 is deleted and substitute in lieu thereof section 312.0 of the 1993 BOCA National Building Code as follows: "312.0 Utility and Miscellaneous Use Group—312.1 General: Buildings and structures of an accessory character and miscellaneous structures not classified in any specific use group shall be constructed, equipped and maintained to conform to the requirements of this code commensurate with the fire and life hazard incidental to their occupancy. Use Group U shall include fences over 6 feet (1829 mm) high, tanks, cooling towers, retaining walls and buildings such as private garages, carports, sheds and agricultural buildings.
  - v. Table 313.1.2 is modified to delete Use Group U from the table.
4. The following amendments are made to Chapter 4 of the building subcode, entitled "Special Use and Occupancy";
- i. Section 415.1 is amended to replace the phrase "authority having jurisdiction" with the term "construction official";
  - ii. Section 416.11 is deleted;
  - iii. Section 420.0 is amended to replace the terms "Mobile Units," "Unit" and "Units" with the terms "Manufactured Homes," "Home" and "Homes" respectively;
  - iv. Sections 420.1 and 420.2 are deleted in their entirety;
  - v. Section 421.3 is amended to replace the term "code official" with the term "construction official";
  - vi. Section 421.6 is amended to end with the phrase "in accordance with the plumbing subcode";
  - vii. Section 421.6.1 is deleted;
  - viii. Section 421.6.2 is amended to end with the phrase "in accordance with the plumbing subcode";
  - ix. Section 421.9.3 is amended to replace the term "governing body" with the term "construction official."
  - x. Section 421.10.1 #9 of the 1996 BOCA National Building Code is deleted in its entirety.
5. The following amendment is made to Chapter 5 of the building subcode, entitled "General Building Limitations":
- i. Table 503 is modified to delete Use Group U from the table.
6. The following amendments are made to Chapter 7 of the building subcode, entitled "Fire-resistant Material and Construction":
- i. Table 705.2 is modified to delete U<sup>d</sup> in the second column and U<sup>c</sup> in the fourth column under the heading of Use Group. Delete "Note c" and "Note d" of the table.
  - ii. Table 707.1 is modified to delete U under the heading of Use Group in the second row.
  - iii. Section 721.6.5 is deleted and substitute in lieu thereof the text of Section 720.6.5 of the 1993 BOCA National Building Code as follows: "Architectural Trim: Fireblocking shall be installed in exterior cornices and other exterior architectural elements where permitted of combustible construction in Section 1406.0, or where erected with combustible frames, at maximum intervals of 20 feet (6096 mm). If noncontinuous, such elements shall have closed ends, with at least 4 inches (102 mm) of separation between sections."
  - iv. Section 723.6 is deleted in its entirety.
7. The following amendments are made to Chapter 8 of the building subcode, entitled "Interior Finishes":
- i. Table 803.4 is modified to delete U under the heading of Use Group in the eighth row.
  - ii. Sections 805.1, 805.2.1, 807.2.1 and 807.2.2 are amended to replace the term "code official" with the term "fire protection subcode official."
8. The following amendments are made to Chapter 9 of the building subcode, entitled "Fire Protection Systems":

i. References to the term "code official" shall be replaced with the term "fire protection subcode official."

ii. Section 901.4 is deleted in its entirety;

iii. Section 903.1 is amended to replace the term "department" with the phrase "enforcement agency responsible for plan review," and in the note, to replace the word "Since" with the term "If";

iv. Section 917.0 is amended to replace the phrase "administrative authority of the jurisdiction" with the term "fire protection subcode official;"

v. Section 921.0 is deleted in its entirety.

9. The following amendments are made to Chapter 10 of the building subcode, entitled "Means of Egress":

i. Section 1001.2 is amended to replace the phrase "Article 1 for modification of this code or by adoption of approved rules" with the regulations at "N.J.A.C. 5:23-2";

ii. Section 1005.5 is deleted and substitute in lieu thereof Section 1005.5 of the 1993 BOCA National Building Code as follows: "1005.5 Open-sided floor areas: Guards shall be located along open-sided walking surfaces, mezzanines and landings which are located more than 30 inches (762 mm) above the floor or grade below. The guards shall be constructed in accordance with Section 1021.0. Exception: Guards are not required on the loading side of loading docks and the auditorium side of stages and raised platforms."

iii. Section 1005.6 is deleted and substitute in lieu thereof section 1005.6 of the 1993 BOCA National Building Code as follows:

"1005.6 Elevation Change: Where changes in elevation exist in exit access corridors, exits or exit discharge, ramps shall be used where the difference in elevation is less than 12 inches (305 mm). Exception: A maximum step height of 8 inches (203 mm) shall be permitted for buildings with occupancies in Use Groups F, H, R and S at exterior doors not required to be accessible by Chapter 11."

iv. Section 1014.6 exception #8 is modified to replace the first sentence with the text of Section 1014.6 exception #8 of the 1993 BOCA National Building Code and retain the 1996 text for the second sentence as follows:

"8. In occupancies in Use Group R-3 and within dwelling units in occupancies in Use Group R-2, the maximum riser height shall be 8¼ inches (210 mm) and the minimum tread depth shall be 9 inches (229 mm). A nosing of not less than ¾ inches (19 mm) but not more than 1¼ inches (32 mm) shall be provided on stairways with a solid riser where the tread depth is less than 11 inches (279 mm)."

v. Section 1014.6.3 is deleted and substitute in lieu thereof Section 1014.6.3 of the 1993 BOCA National Building Code as follows:

"1014.6.3 Winders: Winders shall not be permitted in required means of egress stairways except in occupancies in Use Group R-3 and stairways serving a single dwelling unit. Such winders shall have a tread depth of not less than 9 inches (229 mm) at a point not more than 12 inches (305 mm) from the side where the tread is narrower and the minimum tread depth shall not be less than 6 inches (152 mm)."

vi. Section 1014.9.1 is deleted and substitute in lieu thereof Section 1014.9.1 of the 1993 BOCA National Building Code as follows:

"1014.9.1 Strength: All stairways, platforms and landings in other than occupancies in Use Group R-3 shall be adequate to support a live load of 100 pounds per square foot (488.20 kg/m<sup>2</sup>) and a concentrated load of 300 pounds (136.20 kg)."

vii. Section 1017.1.1 is amended to add the word "nominal" at the end of the sentence at exception #2.

viii. Section 1021.2 exception #1 is deleted and substitute in lieu thereof Section 1021.2 exception #1 of the 1993 BOCA National Building Code as follows:

"1. In other than occupancies in Use Group E, guards shall not be less than 34 inches (864 mm) in height above the leading edge of the tread along stairs which are not more than 20 feet (6096 mm) in height or which reverse direction at an intermediate landing with 12 inches (305 mm) or less measured horizontally between successive flights."

ix. Section 1021.2, exception #3 is deleted in its entirety.

x. Section 1022.2 and the exception are deleted and substitute in lieu thereof Section 1022.2 of the 1993 BOCA National Building Code as follows:

"1022.2 Handrail details: Handrail-gripping surface shall be continuous, without interruption by newel posts, other structural elements or obstructions. A handrail and any wall or other surface adjacent to the handrail shall be free of any sharp or abrasive elements. The clear space between the handrail and the adjacent wall or surface shall not be less than 1½ inches (38 mm). Edges shall have a minimum radius of ½ inch (3 mm)."

xi. Section 1022.2.2 exception #1 is deleted and substitute in lieu thereof Section 1022.2.2 exception #1 of the 1993 BOCA National Building Code as follows:

"1. Handrails that form part of a guard shall have a height not less than 34 inches (864 mm) and not more than 42 inches (1067 mm)."

xii. Section 1022.2.4 is deleted and substitute in lieu thereof the text of Section 828.2.4 of the 1987 BOCA National Building Code as follows:

“Handrail grip size: For all stair handrails located within a dwelling unit, the maximum horizontal cross-sectional dimension of the handrails shall not exceed  $2\frac{5}{8}$  inches (67 mm).”

xiii. Section 1024.1 is modified to delete the second sentence in the paragraph.

xiv. Section 1028.2 is deleted.

10. Chapter 11 of the building subcode entitled “Accessibility,” is modified in the manner set forth in N.J.A.C. 5:23-7.

11. Chapter 12 of the building subcode, entitled “Interior Environment”, is modified as follows:

i. Sections 1207.2 and 1207.2.1 entitled “Stairway illumination” and “Controls,” respectively, are deleted in their entirety.

ii. Section 1210.1 is deleted and substitute in lieu thereof Sections 1210.1 and 1210.1.1 of the 1993 BOCA National Building Code as follows:

“1210.1 Roof spaces: Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilation openings that are protected against the entrance of rain and snow. The openings shall be covered with corrosion-resistant mesh not less than  $\frac{1}{4}$  inch (6 mm) nor more the  $\frac{1}{2}$  inch (13 mm) in any direction.

1210.1.1 Ventilation Area: The minimum required net free ventilation area shall be  $\frac{1}{50}$  of the area of the space ventilated, except that the minimum required area shall be reduced to  $\frac{1}{300}$ , provided that: a vapor retarder having a permeance not exceeding 1 perm is installed on the warm side of the ceiling; or at least 50 percent, and not more than 80 percent, of the required ventilating area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above eave or cornice vents, with the balance of the required ventilation provided by eave or cornice vents.”

12. Chapter 13 entitled “Energy Conservation” is deleted in its entirety.

13. The following amendment is made to Chapter 14 of the building subcode, entitled “Exterior Wall Coverings”:

i. Section 1405.3.11, entitled “Foundation Insulation” is deleted in its entirety.

14. The following amendment is made to Chapter 15 of the building subcode, entitled “Roofs and Roof Structures”:

i. Section 1512.1 is amended to delete the sentence “The repair . . . for new roofing.”

15. The following amendments are made to Chapter 16 entitled “Structural Loads”:

i. Table 1609.7(6) Note e is deleted and substitute in lieu thereof the text of Table 1611.7(6) Note e of the 1993 BOCA National Building Code as follows: “Note e. Openings are permanent openings and those that are likely to be breached during wind having the basic wind speed per Section 1609.3. Doors and windows which have been designed for wind loads in accordance with Section 1609.8 are to be considered enclosures.”

ii. Section 1614.5 is amended to replace the term “Change of Occupancy” with the term “Change of Use as per N.J.A.C. 5:23-2.6”;

16. The following amendments are made to Chapter 17 of the building subcode, entitled “Structural Tests and Inspections”:

i. Section 1701.2 is amended to replace the term “approved rules” with the word “regulations”;

ii. In Section 1702.1, the definition of the term “approved agency” is amended to add the words “by the building subcode official or other authority having jurisdiction in accordance with the regulations” after the word “approved”;

iii. In Section 1702.1, the definition and the term “Inspection, special” are deleted;

iv. Section 1705.1 is amended to add the words “for Class 1 structures or when requested by the building subcode official” after the words “special inspections” on lines 1 and 2;

v. Section 1705.1.1 is deleted in its entirety and replaced with the sentence: “Permit applications shall be made in accordance with N.J.A.C. 5:23-2.15”;

vi. Section 1705.2 is amended to add the sentence: “Building elements fabricated off site shall be approved in accordance with N.J.A.C. 5:23-4.26”;

vii. Section 1705.3.1 is deleted in its entirety;

viii. Section 1707.1 is amended to replace the phrase “approved rules” with the word “regulations,” and to replace the phrase “Section 106.0” with the phrase “the regulations.”

17. The following amendment is made to Chapter 26 of the building subcode, entitled “Plastic”:

i. Section 2603.5.1 is deleted in its entirety.

18. The following amendment is made to Chapter 27 of the building subcode, entitled “Electric Wiring, Equipment and Systems”:

i. Chapter 27 is deleted in its entirety.

19. The following amendments are made to Chapter 28 of the building subcode, entitled "Mechanical Systems":

- i. Section 2803.0 is deleted in its entirety;
- ii. Section 2809.0 is deleted in its entirety.

20. Chapter 29 of the building subcode, entitled "Plumbing Systems" is deleted in its entirety.

21. The following amendments are made to Chapter 30 of the building subcode, entitled "Elevators and Conveying Systems":

i. Section 3001.1 is amended to replace the phrase "Except as otherwise provided by statute, the" in the first line with "The", to add the phrase "and where applicable, of N.J.A.C. 5:23-12" after the word "Chapter" in the second line, to delete the phrase "and amusement devices" in the second sentence and to replace the term "code official" with the term "construction official" in the second sentence;

ii. Section 3001.2 is amended to substitute the term "this code" for "these rules", to add the phrase "with the exception of Rule 1206.1h" after "ASME A17.1", and to add the following sentence at the end of the first paragraph: "However any education, experience or training requirements included or cited in reference standards shall not be binding in this State.";

iii. Section 3002.1, "Hoisting and elevating equipment, miscellaneous," is amended to delete "inclined elevators" in the fourth line;

iv. Section 3003.0 is deleted in its entirety except section 3003.3;

v. Section 3004.1 is amended to delete the words "and maintenance" and substitute in lieu thereof "inspection and," and to delete the words "and periodic inspections";

vi. Section 3004.2 is amended to add the words "and inspections" after the word "tests" in the title and after the words "All such tests" in the seventh line; to delete the words "this chapter" in the first sentence and "this code" in the second sentence and substitute in lieu thereof "these rules"; and to replace the term "code official" with the term "appropriate subcode official";

vii. Sections 3004.3 and 3004.4 are deleted in their entirety;

viii. Section 3004.5.2 is amended to delete the words "and amusement devices";

ix. Section 3004.5.4 is amended to replace the term "code official" with the term "construction official";

x. Section 3005.0 is deleted in its entirety with the exception of section 3005.4 which is amended to replace the term "code official" with the term "construction official";

xi. Section 3006.2 is amended to add in the fifth line after the words "rescue purposes," the phrase "and all elevators installed as part of an accessible route or approved to serve as an accessible means of egress";

xii. Section 3009.0 is amended to delete the words "Signals and" after the word "Emergency" in the title;

xiii. Section 3010.2.2 is amended to replace the term "code official" with the term "fire protection subcode official";

xiv. Section 3012.2 is deleted;

xv. Section 3012.4 is amended to replace the term "code official" with the term "construction official";

xvi. Section 3012.5 is amended to replace the term "code official" with the term "construction official";

xvii. Section 3013.0 is deleted in its entirety.

22. The following amendments are made to Chapter 31 of the building subcode, entitled "Special Construction":

i. Section 3102.5 is deleted in its entirety.

ii. Section 3104.1.1 is deleted in its entirety and replaced by the following language:

(1) Temporary structures: A construction permit is required for the erection, operation or maintenance of all temporary structures (excluding tents and tensioned membrane structures) covering an area in excess of 120 square feet, including all connecting areas or spaces with a common means of egress or entrance, or which are used or intended to be used for gatherings of 10 or more persons;

(2) Tents with appurtenances: A construction permit is required for the erection, operation or maintenance of all tents or tensioned membrane structures of any size if they contain appurtenances such as platforms or electrical equipment;

(3) Tents without appurtenances: No permit is required for the erection, operation or maintenance of any tent or tensioned membrane structure without appurtenances if the tent or structure is no more than 900 square feet in area and no more than 30 feet in any dimension (excluding canopies), whether it is one unit or composed of multiple units. Tents used exclusively for recreational camping purposes shall be exempt from the above requirements.

(4) A temporary greenhouse, also called a "hoop-house" or "polyhouse," used exclusively for the production or storage of live plants, shall be exempt from the permit requirements of the Uniform Construction Code if it meets the following criteria:

(A) There is no permanent anchoring system or foundation;

(B) There is no storage, temporary or otherwise, of solvents, fertilizers, gases, or other chemical or flammable materials;

(C) The structure is no wider than 31 feet and there is an unobstructed path of no greater length than 150 feet from any point to a door or fully accessible wall area; and

(D) The covering of the structure is of a material no greater than six mils (152.4 micrometers) in thickness, conforming to N.F.P.A. 701 standard, that yields approximately four pounds of maximum impact resistance to provide egress through the wall.

(5) The provisions of (b) 22ii(4) above notwithstanding, if a temporary greenhouse contains any device subject to the electrical subcode or any mechanical equipment subject to the mechanical subcode, then a permit shall be required for the device, system or fixture only. If the temporary greenhouse is connected to a potable water system, a permit shall be required for the backflow prevention devices only;

iii. Section 3104.6 is amended to replace the term "code official" with the term "construction official";

iv. Section 3106.5 is amended to replace the term "authorities" with "authorities having jurisdiction";

v. Section 3107.8 is amended to replace the term "Mobile units" with the term "Manufactured Homes";

vi. Section 3107.10 is amended as follows: The text from the phrase "sections 118.0" to the end is deleted and replaced with the following language: "N.J.A.C. 5:23-2.4";

vii. Section 3107.11 is amended to replace the term "Section 3403.0" with the term "N.J.A.C. 5:23-2.5";

viii. Section 3108.5 is amended to add the phrase "to comply with the requirements of the electrical subcode" after the word "grounded."

23. The following amendments are made to Chapter 32 of the building subcode, entitled "Construction in the Public Right of Way":

i. Section 3202.5 is deleted in its entirety.

ii. Section 3204.2 is deleted.

iii. Section 3205.1 is amended to replace the term "code official" on line 1 with the term "construction official".

24. The following amendments are made to Chapter 33 of the building subcode entitled "Site Work, Demolition and Construction":

i. Section 3302.1 is amended to replace the term "code official" on line 3 with the term "construction official";

ii. Section 3309.2 is amended to delete the words "and the construction and extension of soil and vent stacks and the location of window openings shall comply with the provisions of section 2908.3" and replace them with the following language:

(1) "When a new building is erected higher than an existing building, windows or other wall openings shall not be located nearer than 10 feet to an existing soil or vent stack on the lower building unless the owner of the new building makes the necessary provision to extend such soil or vent stacks to a height of not less than two feet above the topmost opening at his own expense and with the approval of the adjoining owner."

(2) "When the existing adjoining building is of greater height than the new building, the owner of the structure of greater height may, with consent of the owner of the new structure, extend all new soil, waste or vent stacks which are located within 20 feet of the common lot line to a level above the higher existing roof";

iii. Section 3310.0 is deleted in its entirety and replaced by N.J.A.C. 5:23-2.17.

iv. Section 3315.0 is amended to replace the words "Sections 1024.0 and 2702.2, item 5" with "Section 1024.0 and provide a level of illumination equivalent to at least 3 foot candles (32 lux);"

25. Chapter 34 entitled "Existing Structures" is deleted in its entirety.

26. The following amendments are made to Chapter 35 of the building subcode entitled "Referenced Standards":

i. Under the subheading "ASME", standard "A17.1-93", add "and A17.1b-95 Addendum" after "A17.1a-94 Addendum";

ii. Under the subheading "Codes" delete the following titles:

(1) BOCA National Property Maintenance Code;

(2) ICC International Mechanical Code;

(3) ICC International Plumbing Code—with 1996 Supplement;

## (4) ICC International Private Sewage Disposal Code—with 1996 Supplement;

## (5) CABO Model Energy Code.

Amended by R.1981 d.132, effective May 7, 1981.  
 See: 13 N.J.R. 121(a), 13 N.J.R. 258(d).  
 Amended by R.1983 d.12, eff. February 7, 1983, operative February 22, 1983.  
 See: 14 N.J.R. 132(a), 15 N.J.R. 141(c).  
 Added (a)2 and (c).  
 Amended by R.1984 d.314, eff. August 6, 1984.  
 See: 16 N.J.R. 1139(a), 16 N.J.R. 2084(b).  
 This section was substantially amended.  
 Amended by R.1985 d.154, effective April 1, 1985 (operative July 1, 1985).  
 See: 17 N.J.R. 239(a), 17 N.J.R. 810(a).  
 (a)2 added; subsection (c) added.  
 Correction: N.J.A.C. 5:23-3.14(c)5 was incorrect in adoption.  
 See: 17 N.J.R. 1409(a).  
 Amended by R.1985 d.324, effective July 1, 1985.  
 See: 17 N.J.R. 861(c), 17 N.J.R. 1646(a).  
 (b)3i: amended text.  
 Amended by R.1986 d.380, effective September 22, 1986.  
 See: 18 N.J.R. 1235(a), 18 N.J.R. 1931(a).  
 Substantially amended.  
 Amended by R.1987 d.374, effective September 21, 1987.  
 See: 19 N.J.R. 1024(a), 19 N.J.R. 1720(b).  
 Model subcode revisions.  
 Amended by R.1988 d.270, effective June 20, 1988.  
 See: 20 N.J.R. 575(a), 20 N.J.R. 1344(a).  
 Added (a)3 and (c).  
 Amended by R.1990 d.253, effective May 21, 1990.  
 See: 22 N.J.R. 909(b), 22 N.J.R. 1554(a).  
 Text added at (c)2ii, 4, 5 and 7.  
 Amended by R.1990 d.325, effective July 2, 1990.  
 See: 21 N.J.R. 1654(a), 22 N.J.R. 2001(a).  
 Text added at (b)5xii(1) to conform to Fire Code.  
 Amended by R.1990 d.507, effective October 15, 1990.  
 See: 22 N.J.R. 2208(a), 22 N.J.R. 3214(a).  
 Text conformed to BOCA National Code/1990.  
 Amended by R.1990 d.558, effective November 19, 1990.  
 See: 22 N.J.R. 1969(b), 22 N.J.R. 3483(a).  
 Conditional exemption for hoophouses or polyhouses added.  
 Amended by R.1991 d.325, effective July 1, 1991.  
 See: 23 N.J.R. 805(a), 23 N.J.R. 2046(a).  
 Article 26 amended at (b)14.  
 Amended by R.1991 d.429, effective August 19, 1991.  
 See: 23 N.J.R. 1487(a), 23 N.J.R. 2501(a).  
 In (a), added 3. Added (c).  
 Amended by R.1992 d.244, effective June 15, 1992.  
 See: 24 N.J.R. 1147(a), 24 N.J.R. 2243(a).  
 Text added at (b)10v through viii.  
 Amended by R.1993 d.662, effective December 20, 1993.  
 See: 25 N.J.R. 3891(a), 25 N.J.R. 5918(a).  
 Amended by R.1995 d.144, effective March 20, 1995 (operative July 1, 1995).  
 See: 26 N.J.R. 2698(a), 26 N.J.R. 3524(a), 27 N.J.R. 1180(a).  
 Amended by R.1995 d.477, effective September 5, 1995.  
 See: 27 N.J.R. 1717(a), 27 N.J.R. 3328(a).  
 Added (b)2v.  
 Amended by R.1998 d.332, effective July 6, 1998.  
 See: 30 N.J.R. 1377(a), 30 N.J.R. 2421(b).  
 Rewrote the section.  
 Amended by R.2000 d.492, effective December 18, 2000.  
 See: 32 N.J.R. 3219(a), 32 N.J.R. 4437(b).  
 Rewrote (b)25.  
 Amended by R.2001 d.127, effective April 16, 2001.  
 See: 33 N.J.R. 392(a), 33 N.J.R. 1195(a).  
 In (a)9, added new ix and recodified former ix through xiii as new x through xiv.

## Case Notes

Set back provisions of borough zoning ordinance controlled conflicting state building code provisions. *Pfeuffer v. Sculco*, 242 N.J.Super. 181, 576 A.2d 309 (A.D.1990).

## 5:23-3.15 Plumbing subcode

## (a) Rules concerning 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 National Association of Plumbing Heating Cooling Contractors, known as "The National Standard Plumbing Code/2000," as the plumbing subcode for New Jersey.

i. Copies of this code may be obtained from the sponsor at: NAPHCC, P.O. Box 6808, Falls Church, VA 22046.

2. "The National Standard Plumbing Code/2000," may be known and cited as "the plumbing subcode."

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

1. The section entitled "Administration," comprising sections ADM 1.1 through ADM 1.13, is deleted in its entirety.

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

i. The definition of the term "administrative authority" is deleted in its entirety, and substitute in lieu thereof the following language, "Unless otherwise defined herein, or unless the context clearly indicates otherwise, the term "administrative authority" for purposes of the plumbing subcode, shall mean the "plumbing subcode official."

ii. The definition of the term "approved" is amended to add after the word "authority" on line 2, the words "as defined in N.J.A.C. 5:23-3.7."

iii. The definition of the term "building" is deleted, and substitute in lieu thereof, the definition of the term "building" found in N.J.A.C. 5:23-1.4.

iv. The definition of the term "building classification" is amended to delete the term "administrative authority" and substitute in lieu thereof, the term "building subcode official."

v. The term and definition of "code" are deleted.

vi. The term and definition of "family" are deleted.

vii. The term and definition of "nuisance" are deleted.

References to 1989 Supplement added; (c)1 and 3 added.

Amended by R.1990 d.507, effective October 15, 1990.

See: 22 N.J.R. 2208(a), 22 N.J.R. 3214(a).

Text conformed to BOCA National Code/1990.

Amended by R.1991 d.429, effective August 19, 1991.

See: 23 N.J.R. 1487(a), 23 N.J.R. 2501(a).

In (a), added 3. Added new (c).

Amended by R.1992 d.183, effective April 20, 1992.

See: 24 N.J.R. 167(a), 24 N.J.R. 1475(b).

Text added at (b)7 and (c)1, deleting parts of article 16 of the mechanical subcode.

Amended by R.1993 d.662, effective December 20, 1993.

See: 25 N.J.R. 3891(a), 25 N.J.R. 5918(a).

Amended by R.1995 d.120, effective March 6, 1995 (operative July 1, 1995).

See: 26 N.J.R. 4874(b), 27 N.J.R. 894(b).

Amended by R.1999 d.259, effective August 16, 1999.

See: 31 N.J.R. 825(a), 31 N.J.R. 2330(a).

Added (c).

Amended by R.2001 d.196, effective June 18, 2001.

See: 33 N.J.R. 6(a), 33 N.J.R. 2090(a).

Rewrote (a) and (b).

Administrative correction.

See: 33 N.J.R. 3310(a).

### 5:23-3.20A (Reserved)

New Rule R.1992 d.183, effective April 20, 1992.

See: 24 N.J.R. 167(a), 24 N.J.R. 1475(b).

Repealed by R.2001 d.196, effective June 18, 2001.

See: 33 N.J.R. 6(a), 33 N.J.R. 2090(a).

Section was "Indoor air quality subcode".

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

(a) Rules concerning the 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 Council of American Building Officials known as "The CABO One and Two Family Dwelling Code/1995" as the one and two-family dwelling subcode for New Jersey subject to the modifications stated in (c) below.

i. Copies of this code may be obtained from BOCA International, 4051 West Flossmoor Road, Country Club Hills, Illinois 60478-5795.

(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 Use Group R-4, of type 5B construction not more than two stories or 35 feet in height and 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 which has a stairway as a means of access and egress and in which the ceiling area at a height of 7 1/2 feet (2,235 mm.) above the attic floor is not more than one-third the area of the next floor below.

1. The use of the CABO Code for the construction of one or two family detached dwellings, as described in (b) above, in flood prone areas shall be permitted. The requirements of Section 3107.0 of the building subcode shall supplement the requirements of the One and Two-Family Dwelling Subcode when dwellings are built in flood prone areas as identified by the most recent Flood Insurance Rate Map published by the Federal Emergency Management Agency.

(c) The following chapters or sections of the one and two-family dwelling subcode are modified as follows:

1. Chapter 1 entitled "General Administration" is deleted in its entirety.

2. Chapter 2, entitled "Building Definitions," is amended as follows:

i. The definition of the term "approved" is deleted. In lieu thereof substitute "approved by the building

subcode official or other authority having jurisdiction in accordance with the regulations."

ii. The definition of the term "Approved Agency" is amended to add the phrase "or other authority having jurisdiction in accordance with the UCC" after the word "Official" on line 4.

iii. The definition of the term "Building Official" is deleted and is redefined herein and throughout the subcode as the "building subcode official" as defined in N.J.A.C. 5:23-1.4 unless indicated otherwise.

iv. The definition of the term "Grade Plane" is deleted. In lieu thereof substitute: "A reference plane representing the average elevation of finished ground level adjoining the building at all exterior walls. When the finished ground level slopes away from the exterior walls, the reference plane shall be established by the lowest points within the area between the building and the lot line, or when the lot line is more than 6 feet from the building, between the building and a point 6 feet from the building."

v. The definition of the term "Story" is amended to delete "except that the topmost story shall be that habitable portion of a building included between the upper surface of the topmost floor and ceiling or roof above."

3. Chapter 3, entitled "Building Planning" is amended as follows:

i. Section 301.2 is amended to modify Table 301.2a to read as follows:

Table No. 301.2a  
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

Roof Snow Load (lbs./sq. ft.)	Wind Pressure (lbs./sq. ft.)	Seismic Condition by Zone	Subject to Damage from Weathering	Frost Line Depth	Subject to Damage from	
					Ter- mite Yes	Decay Yes
20 see note 3	see notes 4, 5, 6 and fig. 301.2d	see note 2	severe see note 1	2'-6" (Southern Area)		
				3'-0" (Northern Area) See notes 1, 2 and 3		

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 47. The frost line depth may require deeper footings than indicated in figure 403.1a.
2. New Jersey is divided into two zones: Zone one 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.
3. The enforcing agency having jurisdiction may establish values other than the ones listed for "roof snow load," and "frost line depth" if warranted by documented local climatic and geographic conditions.
4. Wind speed for Atlantic, Cape May, Monmouth, and Ocean counties, and Bass River, Washington, and Woodland townships in Burlington County shall be 90 mph.
5. Wind speed for Bergen, Camden, Cumberland, Essex, Gloucester, Hudson, Mercer, Middlesex, Morris, Passaic, Salem, Somerset, Union, and Burlington (except for Bass River, Washington, and Woodland townships) counties shall be 80 mph.
6. Wind speed for Hunterdon, Warren and Sussex counties shall be 70 mph.

ii. Section 302.1, in the first and fourth lines, delete "3 feet" and substitute in lieu thereof, "5 feet."

iii. Sections 303.4 and 303.4.1 are deleted in their entirety.

iv. Section 303.6 "Required Heating" is deleted.

v. Section 309.1 Opening Protection—Delete and substitute in lieu thereof the following: "Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid core wood doors not less than 1¾ inches in thickness or approved equivalent. The sills of all door openings between garages and adjacent interior spaces shall be raised not less than 4 inches above the garage floor."

vi. Section 309.2—Separation Required—Delete and substitute in lieu thereof the following: "Private garages located beneath rooms shall have walls, partitions, floors and ceilings separating the garage from the adjacent interior spaces constructed with not less than 1 hour fire resistance rating. Attached private garages shall be completely separated from the adjacent interior spaces and the attic area by means of ½-inch gypsum board or equivalent applied to the garage side."

vii. Section 310.2.1—Minimum Size—In the second sentence, in the fourth line, delete "22 inches (559 mm)" and substitute in lieu thereof "24 inches (610 mm)."

viii. Section 312.1, under the second exception in the second line, delete "8¼ inches" and substitute in lieu thereof, "8 inches";

ix. Sections 314.1, 314.2, 314.2.1 and 314.3 are deleted and substitute in lieu thereof the text of Section R-213.1 of the 1992 CABO One and Two Family Dwelling Code as follows:

"R-213.1 General: When risers are closed, all treads may have a uniform projection not to exceed 1½ inches.

The greatest riser height within a flight of stairs shall not exceed the smallest by more than ¾ inch.

The greatest tread run within any flight of stairs shall not exceed the smallest by more than ¾ inch.

Stairways shall not be less than 3 feet clear width, and the headroom, rise and run shall conform to the following requirements from Figure No. R-213.1 of the 1992 CABO One and Two-Family Dwelling Code. As per this figure, tread depth is 9" minimum, riser height is 8¼" maximum and headroom is 6'8" minimum. Handrails may project from each side of a stairway a distance of 4½ inches into the required width."

x. Section 314.4 is amended to change "10 inches (254 mm)" in the third line to "9 inches (229 mm)."

xi. Section 314.6 is amended to change "10 inches (254 mm)" in the fourth line to "9 inches (229 mm)."

xii. Section 314.7 is deleted in its entirety;

xiii. Section 315.2 is deleted and substitute in lieu thereof the following text from Section R-214.1 of the 1992 CABO One and Two-Family Dwelling Code.

"The handgrip portion of the handrails shall not be more than 2 ⅝ inches in cross-sectional dimension, or the shape shall provide an equivalent gripping surface. The handgrip portion of handrails shall have a smooth surface with no sharp corners."

xiv. Section 316.1.1 entitled "Alterations, repairs and additions" is deleted in its entirety.

xv. In Section 317.2.4, after the words "foam filled doors" add the phrase "except for fire doors";

xvi. Section 324 is deleted in its entirety.

4. Chapter 4, entitled "Foundations," is amended as follows:

i. Section 404.1, Concrete and Masonry, is amended to delete the exception.

ii. Section 404.2 is deleted and replaced with the following text from the 1992 edition of the CABO One and Two Family Dwelling Code, Section R-304.4: "Foundation walls subject to more pressure than would be exerted by backfill having an equivalent fluid weight of greater than 30 pounds per cubic foot (4.72 kN/m<sup>3</sup>) shall be designed in accordance with accepted engineering practices."

iii. In Section 405.1, the exception is amended to delete the text and substitute the following language from the 1992 edition of the CABO One and Two Family Dwelling Code, Section R-305.1: "A drainage system is not required when the foundation is installed on well-drained ground or sand-gravel mixture soils according to the Unified Soil Classification System, Group I Soils."

iv. Section 407 of the 1995 CABO One and Two-Family Dwelling Code entitled "Foundation Insulation" is deleted in its entirety.

v. Add new section 410 "Pile Foundation," as follows: "Pile foundations utilized in buildings under the scope of this subcode shall be regulated by Chapter 18 of the building subcode."

5. Chapter 5, entitled "Floors," is amended as follows:

i. In Section 501.1, replace the phrase "Section 108" with the phrase "N.J.A.C. 5: 23-3.6 and 3.7."

ii. In Section 501.2, delete the words "imposed according" from line three.

iii. In Section 502.4, replace the word "approval" with "approved."

iv. In Section 505.2.2, delete the exception and replace it with the following text: "Except where required by the radon subcode, a base course is not required when the concrete slab is installed on well-drained or sand-gravel mixture soils."

v. In Section 505.2.3, exception, insert the phrase "Where permitted by the radon subcode," at the beginning of line one.

6. Chapter 6, entitled "Wall Construction," is amended as follows:

i. In Section 601.1, delete the words "Section 108" and in lieu thereof insert "N.J.A.C. 5:23-3.6 and 3.7";

ii. Delete Section 604.1.1.

7. Chapter 7, entitled "Wall Covering," is amended as follows:

i. In Section 701.1, delete the words "Section 108" and in lieu thereof insert "N.J.A.C. 5:23-3.6 and 3.7";

8. Chapter 8, entitled "Roof Ceiling Construction," is amended as follows:

i. In Section 801.1, delete the words "Section 108" and in lieu thereof insert "N.J.A.C. 5:23-3.6 and 3.7."

9. Chapter 9, entitled "Roof Coverings," is amended as follows:

i. In Section 901.1, delete the words "Section 108" and in lieu thereof insert "N.J.A.C. 5:23-3.6 and 3.7";

ii. In Section 901.3, "Roof Covering Materials," on line three, delete the phrase "in areas . . . 3 feet" and replace with the phrase: "when the edge of the roof is less than 6 feet ( 1829 mm)";

iii. Section 910.1 is amended to delete the words "Sections 117 and" and substitute the word "Section" and to delete the sentence "When the repair . . . for the new roofing."

iv. Section 910.3, item number 3 is amended to delete the word "three" and substitute in lieu thereof "two."

10. Chapter 10, entitled "Chimneys and Fireplaces," is amended as follows:

i. Section 1001.7 is amended to add the following phrase after "1800°F": "and embedded in medium duty refractory mortar complying with ASTM C105." Delete the Exception.

ii. Section 1002 is amended to add the sentence: "Factory-built chimneys shall conform to UL 103 and be installed in accordance with their listing."

iii. In Section 1003.4, in the last line, change "10 inches" to "12 inches."

iv. In Section 1003.7, in the second line, change "2 inches (51 mm) thick" to "4 inches (102 mm) solid masonry or equivalent."

v. In Section 1003.9, in the second and fifth lines, change "2 inches (51 mm)" to "4 inches (102 mm)" and add the sentence "The minimum clearance to combustibles from the exterior surface of the smoke chamber shall be 2 inches (51 mm)."

vi. Section 1004.1, item #4 is amended to add the following after the word "opening": "for a fireplace having an opening of less than 6 square feet. The hearth of a fireplace with a larger opening shall extend a minimum of 20 inches (508 mm) beyond the face of the fireplace opening and a minimum of 12 inches (305 mm) on each side of the fireplace opening." Also, in item #5 of Section 1004.1, delete the text and substitute in lieu thereof: "Factory-built fireplaces shall be listed, labeled and tested according to UL 127, and installed according to their listing."

vii. Section 1005.1 is amended to add "Factory-built fireplace stoves shall be tested according to UL 737." to the end of the section.

11. Chapter 11 entitled, "Mechanical Administration" is amended as follows:

i. Section 1101.2 is deleted;

ii. Section 1103 is deleted.

12. Chapter 12, entitled "Mechanical Definitions," is amended as follows:

i. In Section 1202.0, the term and definition "Unusually tight construction" are deleted.

13. Chapter 13 entitled, "General Mechanical System Requirements" is amended as follows:

i. Section 1304.1 is amended to add the sentence, "This section shall not preclude the employees of a natural gas utility from converting existing liquefied petroleum installations to natural gas without permits."

ii. Section 1307.1 is amended to delete the last sentence.

iii. Section 1307.4 is deleted.

14. Chapter 14, entitled "Heating and Cooling Equipment," is amended as follows:

i. Section 1401.3 is deleted.

15. Chapter 15 entitled, "Electric Resistance Heating" is amended as follows:

i. Section 1501.1 is amended to delete the words "Chapters 39-46 of this code" and substitute in lieu thereof "the requirements of the electrical subcode."

ii. Section 1502.1 is amended to delete the words "Chapters 39-46 of this code" and substitute in lieu thereof "the requirements of the electrical subcode."

iii. Section 1502.2 is amended to delete the words "Chapters 39-46 of this code" and substitute in lieu thereof "the requirements of the electrical subcode."

iv. Section 1503.1 is amended to delete the words "Chapters 39-46 of this code" and substitute in lieu thereof "the requirements of the electrical subcode."

16. Chapter 21 entitled, "Chimneys and Vents" is amended as follows:

i. Section 2101.3 is amended to replace the words "cleaned and free of obstructions." with the words "inspected in accordance with the chimney certification program as provided for in N.J.A.C. 5:23-2.20(c)."

17. Chapter 25 entitled, "Hydronic Piping" is amended as follows:

i. Section 2501.3 is amended to delete the words "Chapter 29-38 of this code" and substitute in lieu thereof "the requirements of the plumbing subcode."

ii. Section 2501.4 is amended to delete the words "the provisions listed in Section 3402" and substitute in lieu thereof "the requirements of the plumbing subcode."

18. Chapter 26 entitled, "Fuel-Gas Piping" is amended as follows:

i. Section 2602 is deleted;

ii. Section 2603.1 is deleted;

iii. Section 2603.2 is deleted;

iv. Section 2603.3 is deleted;

v. Section 2608.9 is amended to delete the words "Chapters 39-46 of this code" and substitute in lieu thereof "the requirements of the electrical subcode."

19. Chapters 29 through 46 are deleted.

20. Appendices A through F are deleted.

New Rule, R.1985 d.324, effective July 1, 1985.

See: 17 N.J.R. 861(c), 17 N.J.R. 1646(a).

Amended by R.1987 d.374, effective September 21, 1987.

See: 19 N.J.R. 1024(a), 19 N.J.R. 1720(b).

Model subcode revisions.

Amended by R.1988 d.388, effective August 1, 1988.

See: 20 N.J.R. 1130(a), 20 N.J.R. 2073(b).

Added (c).

Amended by R.1990 d.253, effective May 21, 1990.

See: 22 N.J.R. 909(b), 22 N.J.R. 1554(a).

References to 1989 Supplement added; (b)1ii(5), 2, 4, 8 and 9 amended; (b)5, 6 and 7 added; (c) deleted; Table R-201.2 added.

Amended by R.1991 d.571, effective November 18, 1991.

See: 23 N.J.R. 2619(a), 23 N.J.R. 3444(b).

Added new (c).

Amended by R.1992 d.208, effective May 18, 1992.

See: 24 N.J.R. 680(a), 24 N.J.R. 1879(a).

Code provisions applicable to flood hazard zones clarified.

Amended by R.1993 d.662, effective December 20, 1993.

See: 25 N.J.R. 3891(a), 25 N.J.R. 5918(a).

Amended by R.1998 d.332, effective July 6, 1998.

See: 30 N.J.R. 1377(a), 30 N.J.R. 2421(b).

Rewrote the section.

Amended by R.2000 d.166, effective April 17, 2000.

See: 31 N.J.R. 4151(a), 32 N.J.R. 1376(a).

In (c)4, substituted "more pressure than would be exerted by backfill" for "lateral pressure from soils" following "subject to" in ii, and substituted "drainage" for "designated disposal" preceding "system" and added "according to the Unified Soil Classification System, Group I Soils" at the end of iii; and inserted (c)9iv.

### 5:23-3.22 Fuel gas subcode

(a) Rules concerning the 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/2000. This code is hereby adopted by reference as the Fuel Gas Subcode for the State of New Jersey subject to the modifications stated in (b) below.

i. Copies of this code may be obtained from BOCA International, 4051 West Flossmoor Road, Country Club Hills, Illinois 60478-5795.

ii. The International Fuel Gas Code/2000 may be known and cited as the "fuel gas subcode."

2. Any references to the International Building Code, International Plumbing Code, ICC Electrical Code, International Fire Code or the International Energy Conservation Code listed in Chapter 7 shall be considered a reference to the appropriate adopted building, plumbing, electrical, BOCA National Fire Prevention Code-1996 or energy subcode in N.J.A.C. 5:23-3.

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

(b) The following chapters, sections or pages of the International Fuel Gas Code/2000 are amended as follows:

1. Chapter 1 of the fuel gas subcode, entitled "Administration" is deleted in its entirety.

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

i. Section 201.3 is amended to delete the words "International Building Code, ICC Electrical Code, International Fire Code, International Plumbing Code," and in lieu thereof substitute "building, electrical, fire protection, and plumbing subcodes."

ii. The definition of the term "alteration" is deleted and the definition found in N.J.A.C. 5:23-1.4 is substituted;

iii. The definition of the term "approved" is deleted;

iv. The definition of the term "code" is deleted;