

**CHAPTER 23  
UNIFORM CONSTRUCTION CODE**

**Authority**

N.J.S.A. 52:27D-123, 123a, 123.2, 123.5, 123.8, 123.10, 124, 124f, 133.4, and 133.5.

**Source and Effective Date**

R.2008 d.188, effective June 13, 2008.  
See: 39 N.J.R. 2578(a), 40 N.J.R. 4314(a).

**Chapter Expiration Date**

In accordance with N.J.S.A. 52:14B-5.1b, Chapter 23, Uniform Construction Code, expires on June 13, 2015. See: 43 N.J.R. 1203(a).

**Chapter Historical Note**

Chapter 23, Uniform Construction Code, was adopted as R.1976 d.344, d.345, d.346 and d.347, effective January 1, 1977 and codified as Subchapter 1, General Provisions; Subchapter 2, Administration and Enforcement Process; Subchapter 3, Subcodes, and Subchapter 4, Enforcing Agencies: Duties, Powers, Procedures. See: 8 N.J.R. 216(b), 319(a), 370(d), 414(a); 8 N.J.R. 546(a). Chapter 23, Uniform Construction Code, superseded N.J.A.C. 5:16, Standard Building Code and N.J.A.C. 5:20, Safety Glazing Materials, which were repealed by R.1978 d.360, effective October 6, 1978. See: 10 N.J.R. 377(a), 10 N.J.R. 470(a). Chapter 23, Uniform Construction Code, also superseded N.J.A.C. 5:21, Uniform Standards Code for Mobile Homes, which was repealed by R.1982 d.7, effective February 1, 1982. See: 13 N.J.R. 717(a), 14 N.J.R. 142(a).

Subchapter 5, Licensing of Code Enforcement Officials, was adopted as R.1977 d.304, effective October 1, 1977. See: 9 N.J.R. 257(b), 9 N.J.R. 413(b). Subchapter 6, Tax Exemption for Solar Facilities, was adopted as R.1978 d.334, effective September 18, 1978. See: 10 N.J.R. 222(b), 10 N.J.R. 418(a).

Pursuant to Executive Order No. 66(1978), Subchapter 6, Tax Exemption for Solar Facilities, was readopted as R.1980 d.303, effective July 1, 1980. See: 12 N.J.R. 249(c), 12 N.J.R. 452(c).

Pursuant to Executive Order No. 66(1978), Chapter 23, Uniform Construction Code, was readopted as R.1983 d.144, effective April 26, 1983. See: 14 N.J.R. 1247(a), 15 N.J.R. 803(c).

Subchapter 7, Barrier Free Subcode, was adopted as R.1986 d.448, effective November 3, 1986. See: 18 N.J.R. 757(a), 18 N.J.R. 2194(a).

Subchapter 8, Asbestos Hazard Abatement Subcode, was adopted as Emergency New Rules R.1985 d.362, effective June 18, 1985 (expired August 17, 1985). See: 17 N.J.R. 1782(a).

Pursuant to Executive Order No. 66(1978), the provisions of R.1985 d.362 were readopted as R.1985 d.472, effective August 16, 1985. See: 17 N.J.R. 2249(a).

Pursuant to Executive Order No. 66(1978), Chapter 23, Uniform Construction Code, was readopted as R.1988 d.168, effective March 22, 1988. N.J.A.C. 5:23-6.1, 6.2 and 6.3, concerning tax exemption for solar facilities, were not readopted and expired on April 1, 1988. See: 20 N.J.R. 223(a), 20 N.J.R. 893(a).

Subchapter 9, Code Interpretations, was adopted as R.1988 d.195, effective May 2, 1988. See: 20 N.J.R. 224(a), 20 N.J.R. 977(a).

Subchapter 10, Radon Hazard Subcode, was adopted as R.1990 d.226, effective May 7, 1990. See: 21 N.J.R. 3696(a), 22 N.J.R. 1356(a).

Subchapter 4A, Industrialized/Modular Buildings and Building Components, was adopted as R.1990 d.313, effective June 18, 1990, (operative July 1, 1990). See: 22 N.J.R. 691(a), 22 N.J.R. 1915(b).

Subchapter 11, Indoor Air Quality Standards and Procedures for Buildings Occupied by Public Employees, was adopted as R.1992 d.33, effective January 21, 1992. See: 23 N.J.R. 1730(b), 24 N.J.R. 229(c).

Subchapter 12, Elevator Safety Subcode, was adopted as R.1991 d.325, effective July 1, 1991. See: 23 N.J.R. 805(a), 23 N.J.R. 2046(a).

Pursuant to Executive Order No. 66(1978), Chapter 23, Uniform Construction Code, was readopted as R.1993 d.106, effective February 3, 1993. See: 24 N.J.R. 1420(b), 25 N.J.R. 920(a).

Subchapter 4B, Manufactured Homes and Manufactured Home Add-On Units Not Subject to Federal Regulation, and Subchapter 4C, Enforcement of Federal Manufactured Home Standards, were adopted as R.1994 d.96, effective February 22, 1994. See: 25 N.J.R. 5388(a), 26 N.J.R. 1073(a).

N.J.A.C. 5:23-7.1 through 7.99 were repealed and 7.100 through 7.116 were recodified as 7.2 through 7.18 by R.1995 d.144, effective March 20, 1995 (operative July 1, 1995). See: 26 N.J.R. 2698(a), 26 N.J.R. 2524(a), 27 N.J.R. 1180(a).

Subchapter 11, Indoor Air Quality Standards and Procedures for Buildings Occupied by Public Employees, was repealed by R.1995 d.612, effective December 4, 1995 (operative July 1, 1995). See: 27 N.J.R. 3518(a), 27 N.J.R. 4885(a).

Pursuant to Executive Order No. 66(1978), Chapter 23, Uniform Construction Code, was readopted as R.1997 d.409, effective September 9, 1997. As a part of R.1997 d.409, effective October 6, 1997, Subchapter 6, Tax Exemption, was repealed. See: 29 N.J.R. 2736(a), 29 N.J.R. 4281(a).

Subchapter 6, Rehabilitation Subcode, was adopted as R.1998 d.28, effective January 5, 1998. See: 29 N.J.R. 3603(a), 30 N.J.R. 129(a).

Subchapter 12A, Optional Elevator Inspection Program, was adopted as R.1998 d.480, effective September 21, 1998. See: 30 N.J.R. 1119(b), 30 N.J.R. 3461(a).

Subchapter 11, Playground Safety Subcode, was adopted as R.1999 d.351, effective October 18, 1999. See: 31 N.J.R. 1838(a), 31 N.J.R. 3082(a).

Subchapter 3A, State-Jurisdiction Subcodes, was adopted as R.2001 d.303, effective September 4, 2001. See: 33 N.J.R. 1991(a), 33 N.J.R. 2989(a).

Chapter 23, Uniform Construction Code, was readopted as R.2003 d.70, effective January 15, 2003. See: 34 N.J.R. 351(a), 35 N.J.R. 1054(a).

Chapter 23, Uniform Construction Code, was readopted as R.2008 d.188, effective June 13, 2008. See: Source and Effective Date.

Subchapter 4B, Manufactured Homes and Manufactured Home Add-On Units Not Subject To Federal Regulation, was renamed Manufactured Homes and Manufactured Home Add-On Units; and Subchapter 4D, Recreational Park Trailers, was adopted as new rules by R.2008 d.213, effective August 4, 2008. See: 39 N.J.R. 2411(a), 40 N.J.R. 4523(b).

**Cross References**

Child care center physical facility requirements, see N.J.A.C. 10:122-5.1 et seq.

Children's group home physical facility requirements, see N.J.A.C. 10:128-4.1 et seq.

Children's shelter physical facility requirements, see N.J.A.C. 10:124-5.1 et seq.

Residential child care facility maintenance and sanitation requirements, see N.J.A.C. 10:127-4.4.

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owner on a form prescribed by the Department of Community Affairs, in which he acknowledges that work done by him, or by a subcontractor working under his supervision, is not covered under the New Home Warranty and Builders' Registration Act and states that he will disclose this information to any person purchasing the property from him within 10 years of the date of issuance of a certificate of occupancy.

2. The name and license number of the contractor or subcontractor for plumbing and for electrical work where such work is proposed.

i. Plumbing and electrical work shall not be undertaken except by persons licensed to perform such work pursuant to law, except in the case of a single family homeowner on his own dwelling.

ii. The seal and signature of the licensed plumbing and electrical contractor shall be affixed to the corresponding subcode application form.

3. The name and address of the responsible person who will be in charge of the work and who is responsible to the owner for ensuring that all work is installed and completed in conformity with the regulations. The person may be the design architect or engineer, the contractor or a third party acceptable to the construction official.

4. If the work involves lead abatement, one of the following shall be supplied:

i. The name and Department certification number issued pursuant to N.J.A.C. 5:17 of any business firm undertaking the lead abatement; or

ii. If the work is to be done by employees of the owner of the property, the name and New Jersey Department of Health certification number issued pursuant to N.J.A.C. 8:62 of each such employee; or

iii. If the work is to be done on an owner-occupied single family dwelling, a certification by the owner stating that he or she owns and occupies the property as a principal place of residence, will be performing the abatement work, and has received the written information for homeowners prepared by the Department explaining the danger of improper lead abatement, procedures for conducting safe lead abatement, and the availability of certified lead abatement contractors or of any available training for homeowners.

5. If the work involves fire protection equipment, any contractor performing such work shall have the appropriate certification issued pursuant to N.J.S.A. 52:27D-25n et seq. The certification number of the contractor shall appear on the permit application.

i. Exception: Certification shall not be required for licensed electrical contractors or for licensed alarm contractors installing fire alarms.

ii. Exception: Certification shall not be required for homeowners performing work within their residences.

iii. Exception: Certification shall not be required for in-house employees performing routine maintenance work, inspections, or testing of fire protection equipment.

iv. Exception: Certification shall not be required for contractors who install water supply lines outside a building.

6. If the work involves a landscape irrigation system, any contractor performing such work shall be certified pursuant to the Landscape Irrigation Contractors Certification Act, N.J.S.A. 45:5AA-1 et seq. The seal and signature of the certified contractor shall be affixed to the permit application.

i. Exception: Certification shall not be required for public employees performing work on property of the public entity, for vendors of landscape irrigation components, materials or equipment delivering, rendering advice or assistance or performing normal warranty service for such equipment, for contractors installing or performing work on irrigation equipment to be used solely for agricultural purposes or for licensed plumbing contractors.

ii. Exception: Certification shall not be required for homeowners performing work on landscape irrigation systems on their own properties.

7. If the work involves a burglar alarm, fire alarm, or electronic security system, any contractor performing such work shall be licensed pursuant to N.J.S.A. 45:5A-18 et seq. The license number of the contractor shall appear on the permit application.

i. Exception: Licensure shall not be required for telephone utility or cable television companies regulated by the Board of Public Utilities or for licensed electrical contractors.

ii. Exception: Licensure shall not be required for homeowners performing work on burglar alarms, fire alarms, or electronic security systems in their own homes.

8. If work involves a home improvement performed by a contractor, such contractor shall be registered pursuant to N.J.S.A. 56:8-136 et seq. The registration number of the contractor shall appear on the permit application. No number shall be required to be provided by any person performing a home improvement who is not required to be registered, in accordance with (b)8ii, iii, v, vi or viii below. The appropriate license, registration or certification number and documentation shall be provided by any person exempt from registration as a contractor pursuant to (b)8iv or vii below.

i. For purposes of this paragraph, "home improvement" shall mean and include any work subject to the code that involves the reconstruction, alteration, renovation, repair or demolition of the whole or any part of any building in Group R-2, R-3, R-4 or R-5, or in any building or structure appurtenant thereto, or the conversion of an existing building in another group into a building in Group R-2, R-3, R-4 or R-5;

ii. Exception: Registration shall not be required for any person performing a home improvement upon a building or structure in Group R-2, R-3, R-4 or R-5 owned by that person, or by a member of that person's immediate family;

iii. Exception: Registration shall not be required for any person performing a home improvement, without any charge for his or her services, upon a residential or non-commercial property owned by a bona fide charity or other non-profit organization;

iv. Exception: Registration shall not be required for any person regulated by the State as an architect, professional engineer, landscape architect, land surveyor, electrical contractor, master plumber, locksmith, burglar alarm business, fire alarm business, liquefied petroleum gas marketer, lead evaluation or abatement contractor or asbestos abatement contractor, or any other person in any other related profession requiring registration, certification or licensure by the State of New Jersey, who is acting within the scope of practice of that profession;

v. Exception: Registration shall not be required for any person employed by a community association or cooperative corporation or by a landlord who is making home improvements within the person's scope of employment at the residential or non-commercial property that is owned or leased by the community association or cooperative corporation or landlord;

vi. Exception: Registration shall not be required for any public utility, as defined under N.J.S.A. 48:2-13;

vii. Exception: Registration shall not be required for any person licensed as a home financing agency, a home repair contractor or a home repair salesman pursuant to N.J.S.A. 17:16C-77, provided that the person is acting within the scope of such license, and provided that such license number shall appear on the permit application;

viii. Exception: Registration shall not be required for any home improvement retailer with a net worth of more than \$50,000,000 or any employee of such home improvement retailer who is making or selling such home improvements within the person's scope of employment by the home improvement retailer. This exception shall not apply to persons working as subcontractors for any such home improvement retailer.

9. Contractors who are not subject to State licensing, registration or certification shall be subject to any applicable licensing, registration or certification requirement established by municipal ordinance. Any municipal license, registration or certification number issued to any such contractor shall be included in any application for a construction permit for work to be done by such contractor.

10. In the event of any change of contractor or person in charge of work under (b)1 through 9 above, such change shall be filed as an amendment to the application.

(c) A separate application and permit shall be required for each building.

(d) Application for a permit shall be made by the owner, or his agent, a licensed engineer, architect or plumbing, electrical or other contractor employed in connection with the proposed work. If the application is by a person other than the owner in fee, it shall be accompanied by an affidavit of the owner or the authorized person making the application, that the proposed work is authorized by the owner in fee, and that the applicant is authorized to make such application. All issued permits shall remain the property of the owner even if the application was made by a contractor or authorized agent.

(e) Construction permits for individual tenant spaces in multi-tenant buildings shall be issued pursuant to N.J.A.C. 5:23-2.23A.

(f) Plans, plan review, plan release:

1. Plans and specifications: The application for the permit shall be accompanied by no fewer than two copies of specifications and of plans drawn to scale, with sufficient clarity and detail dimensions to show the nature and character of the work to be performed. Plans submitted shall be required to show only such detail and include only such information as shall be necessary to demonstrate compliance with the requirements of the code and these regulations or to facilitate inspections for code conformity. When quality of materials is essential for conformity to the regulations, specific information shall be given to establish such quality; and this code shall not be cited, or the term "legal" or its equivalent be used, as a substitute for specific information.

i. Site diagram: There shall also be filed a site plan showing to scale the size and location of all the new construction and all existing structures on the site, distances from lot lines and the established street grades; accessible route(s) for buildings required by N.J.A.C. 5:23-7.1 to be accessible; and it shall be drawn in accordance with an accurate boundary line survey. In the case of demolition, the site plan shall show all construction to be demolished and the location and size of all existing structures and construction that are to remain on the site or plot.

established by the enforcing agency, shall be numbered, docketed and examined promptly after their submission for compliance with the provisions of the regulations.

4. Plan review:

i. Department review: When a review and release of plans by the Department is required pursuant to N.J.A.C. 5:23-3.11 or requested for a prototype plan intended for use Statewide, the owner or agent of the owner shall file an application for construction plan release for each project, along with three sets of plans (two sets for prototypes), specifications and such other supporting information as the Department may require on forms obtained from the Department. The plans, specifications and other supporting information shall conform to the requirements of (e) above.

(1) Release of plans: Plans complying with the provisions of the regulations shall be released by the Department and written notice of approval shall be given the applicant promptly and no later than 20 business days after the submission thereof. Plans failing to comply with the provisions of the code shall be rejected and a written notice of rejection, stating the grounds for rejection, shall be given to the applicant not later than 20 business days after the submission thereof. Whenever plans have been rejected and are thereafter revised and resubmitted, the revised plans shall be released if the grounds for rejection have been corrected and code compliance has been demonstrated. In that case, a written notice of release shall be given to the applicant not later than seven business days after the resubmission of the revised plans. When the grounds for rejection have not been corrected or when code compliance has not been demonstrated, a written notice of rejection stating the grounds for rejection shall be given to the applicant not later than seven business days after the resubmission of the revised plans.

(2) Endorsement of released plans: All plans and amendments thereto, when approved by the department, shall be stamped or endorsed "released", followed by a notation of the date of plan release. One set of such released plans shall be retained by the department, two sets of such released plans shall be submitted to the local enforcing agency with the application for construction permit as herein provided.

(3) Partial filing: When circumstances require, a project may be filed in part (that is, footings, structural, electrical, plumbing, and so forth). Each partial submittal shall include sufficient detail to assure that the proposed portion of work complies with the regulations. A plan "release" for such a portion of work shall be issued without prejudice as to whether a "release" shall be issued for the entire project.

(4) Construction permits: Owners and their agents shall not apply to a local enforcing agency for a con-

struction permit for any building or structure for which a Department plan review and release is required by N.J.A.C. 5:23-3, unless such review and release has been applied for and received by the applicant as evidenced by presentation of released plans to the local enforcing agency.

(5) Time limitation of application: An application for a plan review shall be deemed to have been abandoned 12 months after date of filing, unless such application has been diligently prosecuted or a release has been issued; except that, for reasonable cause, the Department may grant one or more extensions of time for additional periods not exceeding 90 days each.

(A) When plans are submitted for local review that are required to be reviewed by the Department, the local enforcing agency shall so notify the owner or agent in writing no later than three business days after the submission of the plans.

ii. Local enforcing agency plan review: Where a Department plan review is not required by the regulations, an applicant for a construction permit shall be deemed to have applied for a local enforcing agency plan review by filing an application for a construction permit.

(1) If required State, county or local prior approvals have not been granted, plan review shall proceed provided that the application for a permit is otherwise complete and the plan review fee has been paid. No permit shall be issued until all required State, county and local approvals are in place.

(A) Exception: Permit applicants applying for plan review of individual owner-occupied one- or two family home addition or alteration projects must have zoning approval in place before plan review shall proceed.

(2) When the plans submitted with an application for a construction permit or amendment thereto are accompanied by plans which have been released by the Department, then further municipal plan review and fee therefor shall not be required. Release of the plans by the Department shall not prevent enforcing agency officials from thereafter requiring correction of any errors in said plans or from issuing a stop work order when in violation of the regulations. In such case the enforcing agency shall notify the Department;

iii. Validity of plan or prototype release: The released plans or prototype (Department or local) shall be valid for the purposes of applying for a construction permit until six months after the operative date of the next edition of the code, as set forth in N.J.A.C. 5:23-1.6.

iv. Time limitation of application: An application for a permit for any proposed work shall be deemed to have

been abandoned six months after date of filing, unless such application has been diligently prosecuted or a permit shall have been issued; except that for reasonable cause, the construction official may grant one or more extensions of time for additional periods not exceeding 90 days each.

v. Amended plans and specifications: Amendments may be filed at any time; such amendments shall be deemed part of the original application and, when released, shall be filed therewith. Amended plans and specifications shall be required where deviations affect matters controlled by the code and, in the judgment of the subcode official having jurisdiction, such amended plans are necessary to assist in the determination of code compliance. The official may require the affected portions of the work to be halted until amended plans and specifications are released. If the amendment involves a substantial deviation from the original application, a new affidavit of consent may be required by the construction official. If a Department plan review was required originally, the enforcing agency shall not permit an amendment to the plans or specifications unless the amendment has been released by the Department.

vi. Building systems: Structural, electrical and mechanical designs performed and certified by licensed architects or engineers need not be checked in detail by the staff of the enforcing agency, but shall remain as the responsibility of the professional certifying such design.

vii. A schematic or sketch plan, when required pursuant to this subsection, shall not be deemed to be a construction copy of a plan and shall therefore not be required to be signed or sealed by a registered architect or licensed professional engineer.

Amended by R.1985 d.352, effective July 15, 1985.

See: 17 N.J.R. 1031(a), 17 N.J.R. 1758(a).

(b)1i: deleted text "The registration number of the contractor", and added "A current validated . . . contractor and the".

Amended by R.1985 d.479, effective September 16, 1985.

See: 17 N.J.R. 1462(a), 17 N.J.R. 2248(b).

(b)2ii added. (d) text added "All issued permits . . .".

Administrative Correction: Cleaned up typographical errors.

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

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 (a)6 on Class I structure.

Amended by R.1993 d.353, effective July 19, 1993.

See: 25 N.J.R. 1629(a), 25 N.J.R. 3147(a).

Amended by R.1995 d.381, effective July 17, 1995.

See: 27 N.J.R. 970(a), 27 N.J.R. 2715(a).

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.1997 d.304, effective July 21, 1997.

See: 29 N.J.R. 2204(a), 29 N.J.R. 3248(a).

In (e)1, substituted "no fewer" for "no less"; and in (e)1i, inserted reference to accessible routes.

Amended by R.1998 d.28, effective January 5, 1998.

See: 29 N.J.R. 3603(a), 30 N.J.R. 129(a).

Amended (a)6, (a)7v and (e)3v; inserted (a)8 and (e)1vii.

Amended by R.2003 d.187, effective May 5, 2003.

See: 34 N.J.R. 4248(a), 35 N.J.R. 1939(c).

Rewrote the section.

Amended by R.2003 d.216, effective May 19, 2003.

See: 35 N.J.R. 16(a), 35 N.J.R. 2203(a).

Rewrote the section.

Amended by R.2004 d.144, effective April 5, 2004.

See: 35 N.J.R. 4944(a), 36 N.J.R. 1753(a).

Rewrote (e).

Amended by R.2006 d.32, effective January 17, 2006.

See: 37 N.J.R. 2918(a), 38 N.J.R. 484(a).

Added (b)5 through 7; recodified former (b)5 as (b)8 and rewrote the reference to (b)1, 2, 3, 4 as "(b)1 through 7."

Amended by R.2006 d.127, effective April 3, 2006.

See: 37 N.J.R. 4599(a), 38 N.J.R. 1572(a).

Recodified former (b)8 as (b)10 and rewrote the reference "(b)1 through 7" as "(b)1 through 9"; added (b)8 and (b)9.

Administrative correction.

See: 38 N.J.R. 3776(b).

Amended by R.2007 d.124, effective May 7, 2007.

See: 38 N.J.R. 3708(a), 39 N.J.R. 1669(a).

Rewrote (e)1ix; in (e)4i(4), substituted "Department" for "department"; and added (e)4i(4)(A).

Amended by R.2007 d.125, effective May 7, 2007.

See: 38 N.J.R. 3707(a), 39 N.J.R. 1671(a).

Added new (e); and recodified former (e) as (f).

Amended by R.2007 d.231, effective August 6, 2007.

See: 39 N.J.R. 722(a), 39 N.J.R. 3295(a).

In (f)1vi(1), substituted "07-2" for "03-2" and "at [www.nj.gov/dca/codes](http://www.nj.gov/dca/codes)" for "PO Box 802, Trenton, New Jersey 08625"; added (f)1vi(1)(A); in (f)1vi(2), deleted "EZ" following "Check" two times and "or from Pacific Northwest National Laboratory, PO Box 999, ATTN: K5-20, Richland, Washington 99352" following "[www.energycodes.gov](http://www.energycodes.gov)" and substituted "at [www.ashrae.org](http://www.ashrae.org)" for "1791 Tullie Circle, NE, Atlanta, GA 30329"; and added (f)1vi(2)(A).

Administrative correction.

See: 39 N.J.R. 3914(a).

Administrative correction.

See: 39 N.J.R. 4571(a).

Amended by R.2008 d.39, effective March 3, 2008.

See: 39 N.J.R. 2175(a), 40 N.J.R. 1084(a).

Added (f)1i(1).

Administrative correction.

See: 40 N.J.R. 1829(a).

Amended by R.2009 d.49, effective February 2, 2009.

See: 40 N.J.R. 5318(a), 41 N.J.R. 733(a).

In the introductory paragraph of (f)2i, inserted a comma following "option", inserted the fourth occurrence of "shall", and inserted "except for plans that are validated as identical to the original prototype, as provided in (f)2i(1) below"; and added (f)2i(1) and (f)4i(5).

Amended by R.2009 d.162, effective May 18, 2009.

See: 40 N.J.R. 4268(a), 41 N.J.R. 2094(a).

Added new (f)4ii(1); and recodified former (f)4ii(1) as (f)4ii(2).

Amended by R.2011 d.270, effective November 7, 2011.

See: 43 N.J.R. 1297(a), 43 N.J.R. 2999(a).

In (a)6, inserted "or any structure with a smoke control system".

Amended by R.2012 d.139, effective July 16, 2012.

See: 44 N.J.R. 8(a), 44 N.J.R. 1969(a).

In the introductory paragraph of (f)1vi(1), and in (f)1vi(1)(A) and (f)1vi(2)(A), substituted "11-1" for "07-2"; in (f)1vi(1), deleted "from the Department of Community Affairs, Division of Codes and Standards at [www.nj.gov/dca/codes](http://www.nj.gov/dca/codes) or" following "available"; in (f)1vi(1)(A), inserted "meet or" and substituted "IECC/2009" for "IECC/2003 by two percent or more"; in the introductory paragraph of (f)1vi(2), substituted a comma for "and" following "Heating"; and in (f)1vi(2)(A), substituted "ASHRAE/2007" for "ASHRAE/2004".

Amended by R.2013 d.081, effective June 3, 2013.

See: 44 N.J.R. 1303(a), 45 N.J.R. 1393(a).

In (a)6, substituted "1" for "I"; in the introductory paragraph of (f)1vi, and in (f)1vii(1) and (f)1vii(3), substituted "3" for "III" throughout; in the introductory paragraph of (f)1vi(1), substituted "one- and" for "one-and"; and in (f)1vii(1), substituted "Act," for "Act," twice.

Amended by R.2014 d.117, effective July 21, 2014.

See: 46 N.J.R. 160(a), 46 N.J.R. 1685(a).

Recodified (f)1ix in part as (f)1ix(1), and in (f)1ix(1), inserted "Exception:", a comma following "renovation", and the last sentence.

In (c)2, deleted "hot" preceding "water heaters", substituted "bathtubs" for "tubs", and inserted "clothes"; added new (c)3; and recodified former (c)3 through (c)6 as (c)4 through (c)7.

Amended by R.2011 d.270, effective November 7, 2011.

See: 43 N.J.R. 1297(a), 43 N.J.R. 2999(a).

Incorporated the amendment by R.2011 d.269; and in (c)4, substituted "fewer 125 or 250" for "less 110 or 220".

Amended by R.2012 d.139, effective July 16, 2012.

See: 44 N.J.R. 8(a), 44 N.J.R. 1969(a).

In (c)5iv(1), inserted "and" at the end; and added (c)5v and (d)1i.

Amended by R.2012 d.181, effective November 5, 2012.

See: 44 N.J.R. 1757(a), 44 N.J.R. 2556(a).

Added (c)8.

### 5:23-2.18 Inspections

(a) Preliminary inspection: Before issuing a permit, the construction official and appropriate subcode official shall, where necessary, examine or cause to be examined all buildings, structures and sites for which an application has been filed for a construction permit.

(b) Inspections during the progress of work: The construction official and appropriate subcode officials shall carry out periodic inspections during the progress of work to ensure that work inspected conforms to the requirements of the code.

1. Inspections of one- and two-family dwellings for which construction must cease until the inspection is made shall be limited to the following:

i. The bottom of footing trenches before placement of footings, except that in the case of pile foundations, inspections shall be made in accordance with the requirements of the building subcode;

ii. Foundations and all walls up to grade level prior to covering or back filling;

(1) For new construction, a foundation location survey showing all building corners of the foundation and the elevation of the top of the foundation wall shall be submitted to the construction official as soon as possible after the installation of the foundation wall. It is not necessary for work to cease for the preparation and submission of this survey. A land surveyor licensed in the State of New Jersey shall prepare the survey. The proposed foundation location and elevation as shown on the original plot plan shall also be shown on the foundation location survey.

(A) Exception: A foundation location survey shall not be required for additions, decks, swimming pools, sheds or similar structures.

(2) For new construction, additions, and work that is determined to be a substantial improvement pursuant to N.J.A.C. 5:23-6.3A, the foundation location survey, including the lowest floor elevation and as-built elevation documentation, for a building that is located in a flood hazard area shall be submitted to the construction official and to the local floodplain administrator and shall include elevation certificates as required by section 1612.5 of the building subcode or section R322.1.10 of

the one- and two-family dwelling subcode; the documentation and certificates shall be submitted prior to further vertical construction;

iii. Utility services, including septic;

iv. Mid-point inspections shall include the following:

(1) Building Subcode: All structural framing, connections, wall and roof sheathing, and insulation.

(A) The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and/or air conditioning duct system.

(B) For buildings containing roof or other truss systems, a truss system and permanent truss bracing inspection shall be performed prior to the installation of any interior roof truss covering material. Where the truss design utilizes the interior finish as bracing for the bottom cord, that portion of the bracing shall be part of the final inspection and shall be in addition to the components of the final inspection in (d) below.

(C) The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.

(D) Prior to inspection, the responsible person in charge of work shall provide to the building inspector a signed framing checklist (Form F390) to be verified and initialed by the inspector and then made part of the permit file for buildings of Type V construction.

(2) Electrical Subcode: Rough wiring, panel and service installation.

(3) Plumbing Subcode: Rough piping.

2. Inspections for all subcodes of construction, other than one- and two-family dwellings, shall be limited to those required for one- and two-family dwellings and the following: fire suppression systems; heat producing devices; any special inspections required by any subcode of the regulations;

i. The mid-point inspection shall include a review for compliance with N.J.A.C. 5:23-7, the Barrier Free Subcode, for buildings required by N.J.A.C. 5:23-7.1 to be accessible.

ii. The requirement for a framing checklist, established at (b)1iv(D) above, shall apply to buildings of Type V construction of Groups R-2, R-3 and R-4 only.

3. Any additional inspections, as permitted by this chapter and as may be required by the municipality, shall be of the type and nature that construction may continue without interruption;

4. Additional inspection schedule: Where buildings proposed for construction exceed two stories in height or by their nature pose complex or unusual inspection problems, the construction official or appropriate subcode of-

ficial may specify additional inspections to the applicant in writing prior to the issuance of a permit and during construction in the case of unforeseeable circumstances.

(c) Notice for inspection:

1. The owner or other responsible person in charge of work shall notify the enforcing agency when the work is ready for any required inspection specified herein or required by the construction official or appropriate subcode official. This notice shall be given at least 24 hours prior to the time the inspection is desired. This notice shall represent an attestation on the part of the owner, other than single-family owner-occupants performing their own work, or other responsible person in charge of work, that the work has been completed in conformance with the code and is ready for inspection.

2. Inspections shall be performed within three business days of the time for which it was requested. The work shall not proceed in a manner which will preclude the inspection until it has been made.

(d) Final inspection: Upon completion of the building or structure, and before the issuance of a certificate of use and occupancy required herein, a final inspection shall be made, and any violations of the code shall be noted and the holder of the permit shall be notified of any discrepancies by the construction official. The final inspection shall include:

1. Building and Fire Subcode: Installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and any other required equipment.

2. Electrical Subcode: Wiring, devices and fixtures.

3. Plumbing Subcode: Piping, trim and fixtures.

4. Tests required by any provision of the adopted subcodes.

5. A review for compliance with N.J.A.C. 5:23-7, the Barrier Free Subcode, for all buildings required by N.J.A.C. 5:23-7.1 to be accessible.

6. Verification of compliance with N.J.A.C. 5:23-3.5, Posting structures.

(e) Inspections records: The enforcing agency shall make a written record of all inspections, including any discrepancies or violations noted and shall maintain those reports as a public record which shall be available for public inspection during normal business hours.

(f) Department inspections: At the request of an enforcing agency, the Department may assist the enforcing agency in the inspection of any construction, provided that the enforcing agency has submitted the plans and specifications for such construction to the Department.

(g) The construction official shall serve as an agent of the Bureau of Housing Inspection of the Department of Community Affairs for the purpose of inspecting newly constructed and altered hotels and multiple dwellings in order to enforce the

provisions of the regulations for the maintenance of hotels and multiple dwellings (N.J.A.C. 5:10). Responsibility for inspection may be delegated to the appropriate sub-code official(s).

(h) Periodic inspections: The building subcode official or fire protection subcode official may periodically inspect all existing buildings and structures, except one and two family dwellings, for compliance with the rules with respect to posting. Such inspection shall specify any violation of the rules with respect to the posting of floor load, occupancy load and use group of the building.

Amended by R.1981 d.182, effective June 4, 1981.

See: 13 N.J.R. 187(b), 13 N.J.R. 333(b).

Amended by R.1992 d.244, effective June 15, 1992.

See: 24 N.J.R. 1147(a), 24 N.J.R. 2243(a).

Class I inspections added to (b)liv.

Amended by R.1996 d.323, effective July 15, 1996 (operative January 1, 1997).

See: 28 N.J.R. 2112(a), 28 N.J.R. 3549(a).

Amended by R.1997 d.304, effective July 21, 1997.

See: 29 N.J.R. 2204(a), 29 N.J.R. 3248(a).

Added (b)lii(1) and (d)1.

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

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

In (d), added 2; and added (h).

Amended by R.2003 d.187, effective May 5, 2003.

See: 34 N.J.R. 4248(a), 35 N.J.R. 1939(c).

In (b), rewrote liv.

Amended by R.2003 d.216, effective May 19, 2003.

See: 35 N.J.R. 16(a), 35 N.J.R. 2203(a).

Rewrote the section.

Administrative correction.

See: 35 N.J.R. 3298(a).

Amended by R.2006 d.75, effective February 21, 2006.

See: 37 N.J.R. 3110(a), 38 N.J.R. 1183(a).

Added (b)liv(1)(E).

Amended by R.2007 d.46, effective February 5, 2007.

See: 38 N.J.R. 872(a), 39 N.J.R. 370(b).

In (c)1, added new third sentence, and recodified former third sentence as new (c)2.

Administrative correction.

See: 39 N.J.R. 3914(a).

Amended by R.2008 d.192, effective July 21, 2008.

See: 39 N.J.R. 4985(a), 40 N.J.R. 4314(b).

In the introductory paragraph of (b)1, substituted "one- and" for "one-and"; and in the introductory paragraph of (b)lii(1), inserted "and the elevation of the top of the foundation wall", "or professional engineer" and "and elevation", and inserted the second sentence.

Administrative correction.

See: 40 N.J.R. 5579(a).

Amended by R.2009 d.48, effective February 2, 2009.

See: 40 N.J.R. 5319(a), 41 N.J.R. 733(b).

Deleted former (b)liv(1)(D); recodified former (b)liv(1)(E) as (b)liv(1)(D); in (b)liv(1)(D), inserted "(Form F390)" and "for buildings of Type V construction"; and added (b)2ii.

Amended by R.2009 d.126, effective April 20, 2009.

See: 41 N.J.R. 16(a), 41 N.J.R. 1725(a).

In (b)lii(1)(A), deleted "as described in N.J.A.C. 5:23-9.9" following "sheds".

Amended by R.2014 d.117, effective July 21, 2014.

See: 46 N.J.R. 160(a), 46 N.J.R. 1685(a).

Rewrote (b)lii(2).

#### Case Notes

Initial Decision (2007 N.J. AGEN LEXIS 561) adopted, which ordered a 60-day suspension of petitioner's Building Subcode Official and Building Inspector H.H.S. licenses for violations of N.J.A.C. 5:23-2.18(b) and 5:23-2.24(a); petitioner approved framing inspections and issued a certificate of occupancy on the subject project that did not meet the conditions of the approved plans and specification, approved

(1) Section R-302.1, Fire-Resistant Construction for Exterior Walls;

(2) Section R-314, Smoke Alarms; and

(3) Sections R-302.2 and R-302.3, Fire-Resistant Construction for Townhouses and Two-Family Dwellings;

iv. The following provisions of the electrical subcode:

(1) Section 240.3, Protection of Equipment Against Overcurrent;

(2) Section 240.4, Protection of Conductors Against Overcurrent;

(3) Section 250.4, General Requirements for Grounding and Bonding;

v. Subchapter 7, the barrier free subcode; and

vi. Any structural deficiency, which is present or likely to occur that has the potential for injury or significant damage to the livability of a home. This shall include any structural member that exceeds the permitted deflection established at N.J.A.C. 5:23-6.5(c)1i through iii.

2. The municipality may retain the services of a professional engineer or registered architect, to be paid at an hourly rate and to work subject to the supervision and control of the construction official, for inspections, review of plans and supporting documents and preparation of reports and documents, in connection with enforcement of (a)1 above provided that the professional retained is independent of both the builder and the homeowner and has no actual or apparent conflict of interest that would call into question his or her ability to carry out these duties impartially. Any person carrying out inspections under such a contract shall be, at a minimum, a licensed engineer or a registered architect or shall have a bachelor's degree from an accredited institution of higher education in engineering or in architecture, or in engineering or architectural technology and shall have not less than five years of experience in the design, construction or rehabilitation of woodframe structures.

Repealed by R.1996 d.236, effective May 20, 1996 (operative January 1, 1997).

See: 27 N.J.R. 4050(a), 28 N.J.R. 2586(a).

Section was "Applicant's right of appeal; procedure".

New Rule, R.2006 d.355, effective October 2, 2006.

See: 38 N.J.R. 1789(a), 38 N.J.R. 4175(a).

Amended by R.2008 d.192, effective July 21, 2008.

See: 39 N.J.R. 4985(a), 40 N.J.R. 4314(b).

Section was "Enforcement actions in residential developments after issuance of certificate(s) of occupancy". In (a)1ii(1), substituted "403.14" for "403.12, 406.1, 406.2, 406.3.1, 406.3.2, 406.3.3, 406.3.4, 406.3.5, 406.3.6, 406.3.7, 406.4, 406.5"; in (a)1ii(5), substituted "1009.3.2, 1009.3.3, 1009.10, 1009.11, 1025.11, 1025.13 and 1025.14" for "1003.3.3.3.1, 1003.3.3.3.2, 1003.3.3.11, 1003.3.12, 1008.9, 1009.11, and 1008.12"; in (a)1iii(1), substituted "Section" for "Sections" and "Exterior walls" for "R-302.2 and R-302.3, Required Fire Resistance Ratings"; in (a)1iii(2), substituted "R-313" for "R-317"; and in

(a)1iii(3), substituted "R-317.1" for "R-321.1" and "R-317.2" for "R-321.2"; and in (a)1vi, inserted a comma following "deficiency" and inserted "through iii".

Amended by R.2010 d.291, effective December 20, 2010.

See: 42 N.J.R. 1943(a), 42 N.J.R. 3053(a).

In (a)1ii(1), substituted "403.2.2" for "403.14"; and rewrote (a)1ii(5), (a)1iii(1), (a)1iii(2) and (a)1iii(3).

Administrative correction.

See: 43 N.J.R. 174(a).

### 5:23-2.36 (Reserved)

Repealed by R.1996 d.236, effective May 20, 1996 (operative January 1, 1997).

See: 27 N.J.R. 4050(a), 28 N.J.R. 2586(a).

Section was "Procedure of the board".

### 5:23-2.37 (Reserved)

Repealed by R.1996 d.236, effective May 20, 1996 (operative January 1, 1997).

See: 27 N.J.R. 4050(a), 28 N.J.R. 2586(a).

Section was "Decision of the board".

### 5:23-2.38 Departmental appeal

(a) Whenever the Department shall act as the enforcing agency under the State Uniform Construction Code Act (N.J.S.A. 52:27D-128), an appeal in lieu of the appeal to the county, municipal or joint construction board of appeals may be made to the Hearing Coordinator, Division of Codes and Standards, Department of Community Affairs, PO Box 802, Trenton, NJ 08625.

1. The case shall be adjudicated before the Office of Administrative Law and the final decision shall be issued by the Commissioner.

2. Such hearings shall be governed by the provisions of the Administrative Procedure Act, N.J.S.A. 52:14B-1 et seq., and the Uniform Administrative Procedure Rules, N.J.A.C. 1:1, and the time provisions applicable to construction boards of appeal.

(b) Any party in interest aggrieved by any decision made by a facility manager or owner or administering agency with respect to compliance with either the Barrier Free Recreation Standards (N.J.A.C. 5:23-7.15 through 7.31) or the Playground Safety Subcode (N.J.A.C. 5:23-11) shall have the right to appeal the decision to the Department.

1. The Department shall forward a copy of the complaint to the facility manager and to the facility owner or agency responsible for administration of the facility and shall request a response from the facility manager.

2. The facility manager shall respond in writing within 45 days of receipt of the request.

3. The Department shall review the response and shall determine whether the complaint is justified and what corrective measures shall be required to be taken by the facility owner or administering agency. The Department shall make such determination and issue any necessary orders within 60 days.

4. In the event that the owner or administering agency of a facility appeals any such order and the Department determines that a contested case exists, it shall forward such case for adjudication in an administrative hearing before the Office of Administrative Law and the final decision shall be issued by the Commissioner. Hearings shall be conducted in accordance with the provisions of the Administrative Procedure Act (N.J.S.A. 52:14B-1 et seq.) and the Uniform Administrative Procedure Rules (N.J.A.C. 1:1).

5. A "party in interest" may be either the owner, or authorized representative of the owner, of the premises that is the subject of the decision or an occupant, user or prospective occupant or user, of the premises, or a group representative of such occupants, users or prospective occupants or users; provided, however, that an occupant, user or representative group shall only be deemed to be a party in interest if notice of such interest has been given to the Department by the party prior to the issuance of the Department's determination.

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 13 or 13R and where the system is monitored by an approved supervising station in accordance with NFPA 72.

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 where a building is equipped throughout with an automatic sprinkler system installed in accordance with NFPA Standard 13.

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. Table R301.2(1), Climatic and Geographic Design Criteria, shall be amended as follows:

Table No. 301.2(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)	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:

- 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.
- 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.
- 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.
- 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. Section R301.2.1.5, Topographic wind effects, shall be deleted.

v. 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.

vi. In Table R301.5, Minimum Uniformly Distributed Live Loads, delete “Balconies (exterior) and” from the fourth row. Insert a new row below “Decks” with “Exterior Balconies” in the “Use” column and “60” in the “Live Load” column.

vii. In exception 2 of Section R302.1, the following shall be added to the end of the sentence: “provided the aggregate area of all buildings on the same lot do not exceed the permissible area from Section R300.”

viii. In Section R302.2, Townhouses, in the 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.

ix. 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.

x. In Exception 1 of R302.3, Two-family dwellings, “13R, or 13D” shall be inserted after “NFPA 13.”

xi. Table R302.6, 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.

xii. 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.

xiii. Section R303.6, Stairway illumination, and Section R303.6.1, Light activation, shall be deleted in their entirety.

xiv. Section R303.8, Required heating, shall be deleted in its entirety.

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.

xvi. In Section R310.1, Emergency escape and rescue required, “Basements, habitable attics and” shall be deleted. The sentence shall start with “Every.” In addition, the exception shall be deleted in its entirety.

xvii. In Section R311.3.1, Floor elevations at the required egress doors, in the Exception, “7 ¾ inches (196 mm)” shall be deleted and “8 1/4 inches (210 mm)” shall be inserted. Also, in Section R311.3.2, Floor elevations for other exterior doors, “7 3/4 inches (196 mm)” shall be deleted and “8 1/4 inches (210 mm)” shall be inserted.

xviii. In Section R311.7.4.1, Riser height, in the first sentence, “7 ¾ inches (196 mm)” shall be deleted and “8 ¼ inches (210 mm)” shall be inserted.

xix. In Section R311.7.4.2, Tread depth, 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.

xx. In Section R311.7.7.1, Height, “34 inches (864 mm)” shall be deleted and “30 inches (762 mm)” shall be inserted.

xxi. Section R311.7.8, Illumination, shall be deleted in its entirety.

xxii. In Section R311.8.3.1, Height, “34 inches (864 mm)” shall be deleted and “30 inches (762 mm)” shall be inserted.

xxiii. Section R313.1, Townhouse automatic fire sprinkler system, shall be deleted. Section R313.1.1 shall be retained.

xxiv. In Section R313.1.1, Design and installation, “or NFPA 13D” shall be inserted after “Section P2904”.

xxv. Section R313.2, One- and two-family dwellings automatic fire systems, shall be deleted. Section R313.2.1 shall be retained.

xxvi. Section R314.3.1, Alterations, repairs and additions, shall be deleted in its entirety.

xxvii. In Section R314.4, Power source, both exceptions shall be deleted.

xxviii. Section 315.2, Where required in existing dwellings, shall be deleted.

xxix. Section R319, Site address, shall be deleted in its entirety.

xxx. Section R320, Accessibility, shall be deleted in its entirety.

xxxi. Section R321, Elevators and platform lifts, shall be deleted in its entirety.

xxxii. In Section R322.1, General, “as established by Table R301.2(1)” shall be deleted.

xxxiii. In Section R322.1.6., Protection of mechanical and electrical systems, the second sentence shall be deleted in its entirety.

xxxiv. In Section R322.1.7, Protection of water supply and sanitary sewage systems, in the first and second sentences, “and replacement” shall be deleted. Also, in the second sentence, “the plumbing provisions of this code and Chapter 3 of the International Private Sewage Disposal Code” shall be deleted and “the plumbing subcode (N.J.A.C. 5:23-3.15)” shall be inserted.

xxxv. In Section R322.1.9, Manufactured homes, in the first sentence, “or replacement” and “and the anchor and tie-down requirements of Section AE604 and AE605 of Appendix E shall apply” shall be deleted.

xxxvi. In Section R322.3.1, Locations and site preparation, Item #1 shall be deleted and the Section R324.3.1 of the 2006 International Residential Code shall be inserted as follows: “1. Buildings and structures shall be located landward of the reach of mean high tide.”

xxxvii. Section R322.3.6, Construction Documents, shall be deleted in its entirety.

xxxviii. Section R323, Storm Shelters, shall be deleted.

4. Chapter 4, Foundations, shall be amended as follows:

i. In Section R401.1, Application, “as established by Table R301.2(1)” shall be deleted.

ii. In Table R401.4.1, Presumptive Load Bearing Values of Foundation Materials, “12,000; 4,000; 3,000; 2,000; and 1,500” shall be deleted and “12,000; 6,000; 5,000; 3,000; and 2,000” shall be inserted.

iii. Section R403.1.4, Minimum depth, shall have the following exceptions added:

“Exceptions:

1. Accessory garden-type utility sheds and similar structures that are 100 square feet or less in area, 10 feet or less in height and does not contain a water, gas, oil or sewer connection. These structures shall be of sufficient weight to remain in place or shall be anchored to the ground.

2. Accessory garden-type utility sheds and similar structures that are greater than 100 square feet, but not more than 200 square feet in area, and 10 feet or less in height, provided the shed is dimensionally stable without the foundation system and does not contain a water, gas, oil or sewer connection. A shed shall be considered dimensionally stable if it is provided with a floor system that is tied to the walls of the structure such that it reacts to loads as a unit.

These structures shall be of sufficient weight to remain in place or shall be anchored to the ground.”

iv. In Section R403.1.4.1, Frost protection, the exception shall be deleted and the following shall be inserted:

Exception: Free standing buildings meeting all of the following conditions shall not be required to be protected:

1. Buildings and other structures that represent a low hazard to human life in the event of failure, including but not limited to, agricultural buildings, temporary buildings and minor storage facilities.

2. Area of 600 square feet (56 m<sup>2</sup>) or less for light framed construction, or 400 square feet (37 m<sup>2</sup>) or less for other than light-framed construction; and

3. Eave height of 10 feet (3048 mm) or less.

v. In Section R403.3.3, Drainage, “Table R405.1” shall be deleted and “Table R406.1” shall be inserted.

vi. In Section 404.2.5, Drainage and dampproofing, delete “Sections R405 and R406, respectively.” and insert “Section R406.”

vii. In Table R404.1.1(1), Note B; Table R404.1.1(2), Note D; Table R404.1.1(3), Note D; Table R404.1.1(4), Note D; Table R404.1.2(2), Note A; Table R404.1.2(3), Note A; Table R404.1.2(4), Note A; Table R404.1.2(5), Note A; Table R404.1.2(6), Note A; Table R404.1.2(7), Note A; and Table R404.1.2(8), Note A, “Table R405.1” shall be deleted and “Table R406.1” shall be inserted.

viii. Sections R405, Foundation Drainage, with the exception of Table R405.1, which shall be renumbered as “Table R406.1”, and R406, Foundation Waterproofing and Dampproofing, shall be deleted and the text of Section 1807, Dampproofing and Waterproofing from the International Building Code (IBC)/2006 shall be inserted as follows:

“R406.1 Where required. 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.

R406.1.1 Story above grade. 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 Underfloor space. The finished ground level of an underfloor 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 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 underfloor 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.

Exception: Under-floor spaces that meet the requirements of FEMA/FIA-TB-11.

R406.1.3 Groundwater 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 groundwater 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; 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.

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-mil (0.006 inch; 0.152 mm) polyethylene with joints lapped not less than six 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-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 pounds per square yard (16N/m<sup>2</sup>) of acrylic modified cement, 1/8-inch (3.2 mm) coat of surface-bonding mortar complying with ASTM C 887, any of the materials permitted for waterproofing by Section R406.3.2, or other approved methods or materials.

R406.2.2.1 Surface preparation of walls. Prior to application of dampproofing materials on concrete walls, holes and recesses resulting from the removal of form ties shall be sealed with a bituminous material or other approved methods or materials. Unit masonry walls shall be parged on the exterior surface below ground level with not less than 3/8 inch (9.5 mm) of Portland cement mortar. The parging shall be coved at the footing.

Exception: Parging of unit masonry walls is not required where a material is approved for direct application to the masonry.

R406.3 Waterproofing required. Where the groundwater investigation indicates that a hydrostatic pressure condition exists, and the design does not include a groundwater 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, 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, or not less than six-mil polyvinyl chloride with joints lapped not less than six 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-mil (0.006 inch; 0.152 mm) polyvinyl chloride, 40-mil (0.040 inch; 1.02 mm) polymer-modified asphalt, six-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.

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. 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 program as provided for in N.J.A.C. 5:23-2.20(d)" shall be inserted.

xiv. 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 program as provided for in N.J.A.C. 5:23-2.20(d)" shall be inserted.

xv. In Section G2448.1.1, Installation requirements, "this code" shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

xvi. In Section G2448.2, Water heaters utilized for space heating, "this code" shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

20. Chapters 25 through 28 shall be deleted in their entirety. Plumbing requirements under the scope of this subcode shall be regulated by the plumbing subcode.

21. Chapter 29, Water Supply and Distribution, shall be deleted except P2904, Multi-purpose fire sprinkler systems.

i. Section P2904 shall be amended as follows:

(1) In Section P2904.1, General, the last sentence shall be deleted and "A backflow flow preventer shall be required to separate a stand-alone sprinkler system from the water distribution system in accordance with the plumbing subcode (N.J.A.C. 5:23-3.15)." shall be inserted.

(2) In Section P2904.2.3, Freezing areas, "Section P2603.6" shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

(3) In Section P2904.8.1, Preconcealment Inspection, item 8, "Section P2503.7" shall be deleted and "the plumbing subcode (N.J.A.C. 5:23-3.15)" shall be inserted.

22. Chapters 30 through 33 shall be deleted in their entirety. Plumbing requirements under the scope of this subcode shall be regulated by the plumbing subcode.

23. Chapters 34 through 43 shall be deleted in their entirety. Electrical requirements under the scope of this subcode shall be regulated by the electrical subcode.

24. Chapter 44, Referenced standards, shall be amended as follows:

i. Under the subheading, NFPA, "NFPA 13R-07, Installation of Sprinkler Systems in Residential Occu-

pancies Up To and Including Four Stories in Height" shall be inserted.

25. The Appendices shall be amended as follows:

i. Appendix A, Sizing and Capacities of Gas Piping; Appendix B, Sizing of Venting Systems Serving Appliances Equipped with Draft Hoods, Category I Appliances, and Appliances Listed for Use with Type B Vents; and Appendix C, Exit Terminals of Mechanical Draft and Direct-Vent Venting Systems are informative and are not part of the one- and two-family dwelling subcode.

ii. Appendix D, Recommended Procedure for Safety Inspection of an Existing Appliance Installation; Appendix E, Manufactured Housing Used as Dwellings; and Appendix F, Radon Control Methods, 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.

v. Appendix H, Patio Covers, and Appendix K, Sound Transmission, shall be adopted as part of this subcode.

vi. 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; Appendix P, Sizing of Water Piping Systems; and Appendix Q, ICC International Residential Code Electrical Provisions/National Electrical Code Cross-Reference, shall be deleted in their entirety.

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.

Amended by R.2001 d.369, effective October 15, 2001.

See: 33 N.J.R. 2365(a), 33 N.J.R. 3674(a).

In (b), inserted "that are" following "type 5B construction", "no more" preceding "than 4,800 square feet", and substituted "seven feet" for "7 1/3 feet (2,235 mm)."

Amended by R.2003 d.187, effective May 5, 2003.

See: 34 N.J.R. 4248(a), 35 N.J.R. 1939(c).

Rewrote the section.

Amended by R.2003 d.420, effective November 3, 2003.

See: 34 N.J.R. 4248(a), 35 N.J.R. 5073(a).

Rewrote (c).

Amended by R.2005 d.403, effective November 21, 2005.

See: 37 N.J.R. 2753(a), 37 N.J.R. 4399(b).

Rewrote (c).

Amended by R.2006 d.28, effective January 17, 2006.

See: 37 N.J.R. 2750(a), 38 N.J.R. 485(b).

Rewrote (c)15.

Administrative correction.

See: 38 N.J.R. 926(a).

Amended by R.2006 d.75, effective February 21, 2006.

See: 37 N.J.R. 3110(a), 38 N.J.R. 1183(a).

Added (c)10; recodified former (c)10-15 as (c)11-16.

Administrative correction.

See: 38 N.J.R. 1827(b).

Amended by R.2007 d.65, effective February 20, 2007.

See: 38 N.J.R. 3348(a), 39 N.J.R. 633(a).

Rewrote (a) and (c).

Amended by R.2007, d.384, effective December 17, 2007.

See: 39 N.J.R. 2684(a), 39 N.J.R. 5211(a).

Added new (c)17; and recodified existing (c)17 through (c)22 as (c)18 through (c)23.

Amended by R.2008 d.84, effective April 7, 2008.

See: 39 N.J.R. 5144(a), 40 N.J.R. 1827(a).

Deleted former (c)3xviii; recodified former (c)3xix through (c)3xxxi as (c)3xxviii through (c)3xxx; in the introductory paragraph of (c)4, inserted a comma following "Foundations"; and in (c)4iii, added the second sentence.

Administrative correction.

See: 40 N.J.R. 1829(a).

Amended by R.2009 d.48, effective February 2, 2009.

See: 40 N.J.R. 5319(a), 41 N.J.R. 733(b).

In (c)3xxvii, inserted the final sentence; recodified the former second occurrence of (c)3xxiii as (c)3xxviii; added new (c)4iii; recodified former (c)4iii and (c)4iv as (c)4iv and (c)4v; added new (c)4vi; recodified former (c)4v through (c)4vii as (c)4vii through (c)4ix; added (c)5iii; in (c)8i, inserted "(N.J.A.C. 5:23-3.15)"; in (c)9iii, deleted "Figure R1003.11 and" following "In"; added new (c)19ix; recodified former (c)19ix through (c)19xiii as (c)19x through (c)19xiv; and rewrote (c)23iv.

Amended by R.2009 d.126, effective April 20, 2009.

See: 41 N.J.R. 16(a), 41 N.J.R. 1725(a).

Added new (c)4ii; and recodified former (c)4ii through (c)4ix as (c)4iii through (c)4x.

Amended by R.2010 d.195, effective September 7, 2010.

See: 41 N.J.R. 3140(a), 42 N.J.R. 2043(a).

Rewrote (a) and (c).

Amended by R.2011 d.269, effective November 7, 2011.

See: 43 N.J.R. 904(a), 43 N.J.R. 3008(a).

Added new (c)3vii; deleted former (c)3xxii; recodified former (c)3vii through (c)3xxi as (c)3viii through (c)3xxii; added new (c)19xii; and recodified former (c)19xii through (c)19xv as (c)19xiii through (c)19xvi.

## 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/2009. 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. Copies of this code may be obtained from the International Code Council, 4051 West Flossmoor Road, Country Club Hills, Illinois 60478-5795.

ii. The International Fuel Gas Code/2009 may be known and cited as the "fuel gas subcode."

2. Any references to the International Plumbing Code or the International Existing Building Code listed in Chapter 8 shall be considered a reference to the appropriate plumbing subcode in N.J.A.C. 5:23-3 or rehabilitation subcode in N.J.A.C. 5:23-6.

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/2009 shall be amended as follows:

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

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."

ii. The definition of the term "alteration" is deleted;

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

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

v. The definition of the term "code official" is deleted.

vi. The definition of the term "unlisted boiler" is deleted.

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

i. Section 301.1, Scope, is amended to delete the words "in accordance with Section 101.2."

ii. In Section 301.3, Listed and labeled, "in accordance with Section 105," shall be deleted. In addition, the second sentence shall be deleted in its entirety.

iii. Section 301.9, Repair, is deleted.