

CHAPTER 23
UNIFORM CONSTRUCTION CODE

Authority

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

Source and Effective Date

R.2003 d.70, effective January 15, 2003.
See: 34 N.J.R. 351(a), 35 N.J.R. 1054(a).

Chapter Expiration Date

Chapter 23, Uniform Construction Code, expires on January 15, 2008.

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 Chapter 23, Uniform Construction Code, superseded N.J.A.C. 5:16, Standard Building Code and N.J.A.C. 5:20, Safety Glazing Materials, which were repealed by R.1978 d.360, effective October 6, 1978.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 Chapter 23, Uniform Construction Code, also superseded N.J.A.C. 5:21, Uniform Standards Code for Mobile Homes, which was repealed by R.1982 d.7, effective February 1, 1982.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: Source and Effective Date.

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.

CHAPTER TABLE OF CONTENTS

SUBCHAPTER 1. GENERAL PROVISIONS

- 5:23-1.1 Title; division into subchapters
- 5:23-1.2 Authority
- 5:23-1.3 Intent and purpose

- 5:23-1.4 Definitions
- 5:23-1.5 Effective date
- 5:23-1.6 Grace period
- 5:23-1.7 Validity

SUBCHAPTER 2. ADMINISTRATION AND ENFORCEMENT; PROCESS

- 5:23-2.1 Title; scope; intent
- 5:23-2.2 Matter covered
- 5:23-2.3 Applicability
- 5:23-2.4 Alterations, replacements and damages
- 5:23-2.5 Concerning increase in size
- 5:23-2.6 Change of use
- 5:23-2.7 Ordinary maintenance
- 5:23-2.8 Installation of equipment
- 5:23-2.9 Variations and exceptions
- 5:23-2.10 Applications for variations
- 5:23-2.11 Review of variation applications
- 5:23-2.12 Final decision on variations
- 5:23-2.13 Authority to grant variations
- 5:23-2.14 Construction permits—when required
- 5:23-2.15 Construction permits—application
- 5:23-2.16 Construction permits—procedure
- 5:23-2.17 Demolition or removal of structures; abandoned wells
- 5:23-2.17A Minor work
- 5:23-2.18 Inspections
- 5:23-2.18A Utility load management device installation programs
- 5:23-2.18B Utility area lighting facility installation program
- 5:23-2.18C Use and occupancy of swimming pools, spas and hot tubs
- 5:23-2.19 Special technical services
- 5:23-2.20 Tests and special inspections
- 5:23-2.21 Construction control
- 5:23-2.22 Premanufactured construction
- 5:23-2.23 Certificate requirements
- 5:23-2.24 Conditions of certificate of occupancy
- 5:23-2.25 Establishment of fees
- 5:23-2.26 (Reserved)
- 5:23-2.27 Refunds
- 5:23-2.28 Volume computation
- 5:23-2.29 Entry
- 5:23-2.30 Violation, notice and orders
- 5:23-2.31 Compliance
- 5:23-2.32 Unsafe structures
- 5:23-2.33 Service of notice
- 5:23-2.34 through 5:23-2.37 (Reserved)
- 5:23-2.38 Departmental appeal
- 5:23-2.39 Automatic fire suppression systems

SUBCHAPTER 3. SUBCODES

- 5:23-3.1 Title; scope; intent
- 5:23-3.2 Matters covered; exceptions
- 5:23-3.3 Enforcement
- 5:23-3.4 Responsibilities
- 5:23-3.5 Posting structures
- 5:23-3.6 Standards; accepted practice
- 5:23-3.7 Municipal approvals of alternative materials, equipment, or methods of construction
- 5:23-3.8 Products violating the Code
- 5:23-3.9 Interpretations and opinions
- 5:23-3.10 (Reserved)
- 5:23-3.11 Enforcement activities reserved to the Department
- 5:23-3.11A Public school facility plan review and inspections; Uniform Construction Code enhancements in public school facilities
- 5:23-3.11B Underground storage tank systems
- 5:23-3.12 Amended rules
- 5:23-3.13 Code change proposals
- 5:23-3.14 Building subcode
- 5:23-3.15 Plumbing subcode
- 5:23-3.16 Electrical subcode
- 5:23-3.17 Fire protection subcode
- 5:23-3.18 Energy Subcode
- 5:23-3.19 Manufactured home subcode

- 5:23-3.20 Mechanical subcode
- 5:23-3.20A (Reserved)
- 5:23-3.21 One and two-family dwelling subcode
- 5:23-3.22 Fuel gas subcode

APPENDIX 3-A. NEW JERSEY DEPARTMENT OF COMMUNITY AFFAIRS DIVISION OF CODES AND STANDARDS CODE CHANGE PROPOSAL REHABILITATION SUBCODE (N.J.A.C. 5:23-6)

SUBCHAPTER 3A. STATE-JURISDICTION SUBCODES

- 5:23-3A.1 Scope
- 5:23-3A.2 Subcodes established

SUBCHAPTER 4. ENFORCING AGENCIES; DUTIES; POWERS; PROCEDURES

- 5:23-4.1 Title; scope; intent
- 5:23-4.2 Matter covered; exceptions
- 5:23-4.3 Municipal enforcing agencies—establishment
- 5:23-4.3A Enforcing agency classification
- 5:23-4.4 Municipal enforcing agencies—organization
- 5:23-4.5 Municipal enforcing agencies—administration and enforcement
- 5:23-4.5A Selection of private on-site inspection and plan review agencies
- 5:23-4.6 Interlocal enforcing agencies—establishment
- 5:23-4.7 Interlocal enforcing agencies—organization
- 5:23-4.8 Interlocal enforcing agencies—administration and enforcement
- 5:23-4.9 State enforcing agencies—establishment
- 5:23-4.10 State enforcing agencies—organization
- 5:23-4.11 State enforcing agencies—administration and enforcement
- 5:23-4.12 Private on-site inspection and plan review agencies; establishment
- 5:23-4.13 Private on-site inspection and plan review agencies; organization
- 5:23-4.14 Private on-site inspection and plan review agencies; administration and enforcement
- 5:23-4.15 Suspension and revocation
- 5:23-4.16 (Reserved)
- 5:23-4.17 Municipal enforcing agency fees
- 5:23-4.18 Standards for municipal fees
- 5:23-4.19 New Jersey State permit surcharge fees
- 5:23-4.20 Department fees
- 5:23-4.21 Private enforcing agency authorization and reauthorization fees
- 5:23-4.22 (Reserved)
- 5:23-4.23 Payment of fees
- 5:23-4.24 Plan review by the Department of Community Affairs
- 5:23-4.25 (Reserved)
- 5:23-4.26 Certification of building elements
- 5:23-4.27 through 5:23-4.40 (Reserved)

SUBCHAPTER 4A. INDUSTRIALIZED/MODULAR BUILDINGS AND BUILDING COMPONENTS

- 5:23-4A.1 Purpose
- 5:23-4A.2 Findings; functions of the Commission
- 5:23-4A.3 Scope
- 5:23-4A.4 Definitions
- 5:23-4A.5 Standards
- 5:23-4A.6 Amendments
- 5:23-4A.7 Certification required
- 5:23-4A.8 Product control and identification
- 5:23-4A.9 Compliance assurance documents
- 5:23-4A.10 Uniform Administrative Procedures
- 5:23-4A.11 Appeals
- 5:23-4A.12 Conduct of hearings
- 5:23-4A.13 through 5:23-4A.27 (Reserved)

UNIFORM CONSTRUCTION CODE

SUBCHAPTER 4B. MANUFACTURED HOMES AND MANUFACTURED HOME ADD-ON UNITS NOT SUBJECT TO FEDERAL REGULATION

- 5:23-4B.1 Scope
- 5:23-4B.2 Applicability
- 5:23-4B.3 Standards
- 5:23-4B.4 Administration and enforcement
- 5:23-4B.5 Acceptability
- 5:23-4B.6 Approvals of building systems and compliance assurance program
- 5:23-4B.7 Certification
- 5:23-4B.8 Labels; fees
- 5:23-4B.9 Requirements for submission of compliance assurance documents
- 5:23-4B.10 Appeals
- 5:23-4B.11 Conduct of hearings

SUBCHAPTER 4C. ENFORCEMENT OF FEDERAL MANUFACTURED HOME STANDARDS

- 5:23-4C.1 Delegation of authority
- 5:23-4C.2 Relation to Federal law
- 5:23-4C.3 Complaint procedure
- 5:23-4C.4 Hearing and appeal procedures
- 5:23-4C.5 Monitoring inspection fee

SUBCHAPTER 5. LICENSING OF CODE ENFORCEMENT OFFICIALS

- 5:23-5.1 Title; scope; intent
- 5:23-5.2 Licensing unit; hearings
- 5:23-5.3 Types of licenses
- 5:23-5.4 Licenses required
- 5:23-5.5 General license requirements
- 5:23-5.6 Construction official requirements
- 5:23-5.7 Subcode official requirements
- 5:23-5.8 Building inspector H.H.S. requirements
- 5:23-5.9 Building inspector I.C.S. requirements
- 5:23-5.10 Building inspector R.C.S. requirements
- 5:23-5.11 Electrical inspector H.H.S. requirements
- 5:23-5.12 Electrical inspector I.C.S. requirements
- 5:23-5.13 Fire protection inspector H.H.S. requirements
- 5:23-5.14 Fire protection inspector I.C.S. requirements
- 5:23-5.15 Fire protection inspector R.C.S. requirements
- 5:23-5.16 Plumbing inspector H.H.S. requirements
- 5:23-5.17 Plumbing inspector I.C.S. requirements
- 5:23-5.18 Inplant inspector requirements
- 5:23-5.19 Elevator inspector H.H.S. requirements
- 5:23-5.19A Mechanical inspector requirements
- 5:23-5.19B Amusement ride inspector I.C.S. requirements
- 5:23-5.19C Amusement ride inspector H.H.S. requirements
- 5:23-5.19D Boiler, pressure vessel and refrigeration inspector R.C.S. requirements
- 5:23-5.19E Boiler, pressure vessel and refrigeration inspector I.C.S. requirements
- 5:23-5.19F Boiler, pressure vessel and refrigeration inspector H.H.S. requirements
- 5:23-5.20 Standards for educational programs
- 5:23-5.21 Renewal of license
- 5:23-5.22 Fees
- 5:23-5.23 Examination requirements
- 5:23-5.23A Examination requirements for State-jurisdiction subcode technical licensure
- 5:23-5.24 Procedure for approving educational programs
- 5:23-5.25 Revocation of licenses and alternative sanctions

SUBCHAPTER 6. REHABILITATION SUBCODE

- 5:23-6.1 Introduction; using this subcode
- 5:23-6.2 Applicability and compliance
- 5:23-6.3 Definitions
- 5:23-6.4 Repairs
- 5:23-6.5 Renovations
- 5:23-6.6 Alterations

- 5:23-6.7 Reconstruction
- 5:23-6.8 Materials and methods
- 5:23-6.9 New building elements
- 5:23-6.10 Basic requirements and supplemental requirements—general
- 5:23-6.11 Basic requirements in all Groups
- 5:23-6.11A Supplemental requirements in all Groups
- 5:23-6.12 Basic requirements—Group A-1
- 5:23-6.12A Supplemental requirements—Group A-1
- 5:23-6.13 Basic requirements—Group A-2 Nightclubs
- 5:23-6.13A Supplemental requirements—Group A-2 Nightclubs
- 5:23-6.14 Basic requirements—Groups A-2 other than Nightclubs, A-3 and A-4
- 5:23-6.14A Supplemental requirements—Groups A-2 other than Nightclubs, A-3 and A-4
- 5:23-6.15 Basic requirements—Group A-3 Places of Worship
- 5:23-6.15A Supplemental requirements—Group A-3 Places of Worship
- 5:23-6.16 Basic requirements—Group A-5
- 5:23-6.16A Supplemental requirements—Group A-5
- 5:23-6.17 Basic requirements—Group B
- 5:23-6.17A Supplemental requirements—Group B
- 5:23-6.18 Basic requirements—Group E
- 5:23-6.18A Supplemental requirements—Group E
- 5:23-6.19 Basic requirements—Group F
- 5:23-6.19A Supplemental requirements—Group F
- 5:23-6.20 Basic requirements—Group H
- 5:23-6.20A Supplemental requirements—Group H
- 5:23-6.21 Basic requirements—Group I-1
- 5:23-6.21A Supplemental requirements—Group I-1
- 5:23-6.22 Basic requirements—Groups I-2 and I-4
- 5:23-6.22A Supplemental requirements—Groups I-2 and I-4
- 5:23-6.23 Basic requirements—Group I-3
- 5:23-6.23A Supplemental requirements—Group I-3
- 5:23-6.24 Basic requirements—Group M
- 5:23-6.24A Supplemental requirements—Group M
- 5:23-6.25 Basic requirements—Group R-1
- 5:23-6.25A Supplemental requirements—Group R-1
- 5:23-6.26 Basic requirements—Groups R-2 and R-4
- 5:23-6.26A Supplemental requirements—Groups R-2 and R-4
- 5:23-6.27 Basic requirements—Groups R-3 and R-5
- 5:23-6.27A Supplemental requirements—Groups R-3 and R-5
- 5:23-6.28 Basic requirements—Group S
- 5:23-6.28A Supplemental requirements—Group S
- 5:23-6.29 Mixed use buildings
- 5:23-6.30 Special technical requirements—all groups
- 5:23-6.31 Change of use
- 5:23-6.32 Additions
- 5:23-6.33 Historic buildings

SUBCHAPTER 7. BARRIER FREE SUBCODE

- 5:23-7.1 Applicability
- 5:23-7.2 Accessibility standard
- 5:23-7.3 Exceptions
- 5:23-7.4 Nonresidential buildings and buildings of Use Group R-1.
- 5:23-7.5 Residential buildings other than Group R-1
- 5:23-7.6 Exterior accessible route
- 5:23-7.7 Accessible building entrances
- 5:23-7.8 Interior accessible routes
- 5:23-7.9 Accessible parking
- 5:23-7.10 Requirements applicable to specific nonresidential Groups and Group R-1
- 5:23-7.11 Requirements applicable to all nonresidential use groups, including spaces other than guestrooms in Use Group R-1
- 5:23-7.12 Existing facilities
- 5:23-7.13 Variations
- 5:23-7.14 Enforcement
- 5:23-7.15 Recreation
- 5:23-7.16 Recreation: definitions
- 5:23-7.17 Recreation: exceptions
- 5:23-7.18 Recreation: route of travel
- 5:23-7.19 Recreation: pools
- 5:23-7.20 Recreation: swimming and skating areas

- 5:23-7.21 Recreation: boating areas
- 5:23-7.22 Recreation: fishing areas
- 5:23-7.23 Recreation: court games
- 5:23-7.24 Recreation: ice rinks and roller rinks
- 5:23-7.25 Recreation: playing fields
- 5:23-7.26 Recreation: golf facilities
- 5:23-7.27 Recreation: ski lifts, aerial tramways, and conveyors
- 5:23-7.28 Recreation: trails
- 5:23-7.29 Recreation: camping sites
- 5:23-7.30 Recreation: equipment
- 5:23-7.31 Recreation: equestrian facilities

**SUBCHAPTER 8. ASBESTOS HAZARD ABATEMENT
SUBCODE**

- 5:23-8.1 Title; scope; intent
- 5:23-8.2 Definitions
- 5:23-8.3 Enforcement; licensing; special technical services
- 5:23-8.4 Variations
- 5:23-8.5 Construction permit for asbestos abatement
- 5:23-8.6 Coordination with other permits
- 5:23-8.7 Inspections; violations
- 5:23-8.8 Certificate of occupancy; certificate of completion
- 5:23-8.9 Fees
- 5:23-8.10 Asbestos safety technician
- 5:23-8.11 Asbestos safety control monitor
- 5:23-8.12 Application of asbestos
- 5:23-8.13 Pre-project procedures
- 5:23-8.14 Operations and maintenance activities
- 5:23-8.15 Asbestos hazard abatement projects
- 5:23-8.16 Asbestos encapsulation and enclosure
- 5:23-8.17 Limited containment removals
- 5:23-8.18 Demolition
- 5:23-8.19 Abatement in occupied buildings
- 5:23-8.20 Removal of non-friable asbestos-containing material
- 5:23-8.21 Air monitoring methodology
- 5:23-8.22 Disposal of asbestos waste

SUBCHAPTER 9. CODE INTERPRETATIONS

- 5:23-9.1 Interpretations: Plumbing Subcode
- 5:23-9.2 Interpretation: Construction Permit for a single family residence
- 5:23-9.3 (Reserved)
- 5:23-9.4 (Reserved)
- 5:23-9.5 Interpretation: Records retention
- 5:23-9.6 Interpretations: Construction requirements for new and existing casinos
- 5:23-9.7 Interpretation: Manufacturing, production and process equipment
- 5:23-9.8 Interpretation: bed and breakfast guest houses—change in Group requirements
- 5:23-9.9 Foundation systems for garden type utility sheds and similar structures

SUBCHAPTER 10. RADON HAZARD SUBCODE

- 5:23-10.1 Title; scope; intent
- 5:23-10.2 Definitions
- 5:23-10.3 Enforcement
- 5:23-10.4 Construction techniques

**APPENDIX 10-A. NEW JERSEY MUNICIPALITIES IN
TIER 1**

SUBCHAPTER 11. PLAYGROUND SAFETY SUBCODE

- 5:23-11.1 Subcode adopted
- 5:23-11.2 Definition
- 5:23-11.3 Enforcement of subcode
- 5:23-11.4 Compliance schedule

SUBCHAPTER 12. ELEVATOR SAFETY SUBCODE

- 5:23-12.1 Title; scope; intent
- 5:23-12.2 Referenced standards

- 5:23-12.3 Inspection and test schedule
- 5:23-12.4 Registration of elevator devices
- 5:23-12.5 Registration fee
- 5:23-12.6 Test and inspection fees
- 5:23-12.7 Licensing
- 5:23-12.8 Alterations, replacements, damages, increases in size, changes in use group, minor work, ordinary repairs
- 5:23-12.9 Certificate of compliance requirements
- 5:23-12.10 Inspections in seasonal facilities
- 5:23-12.11 Notice concerning accidents
- 5:23-12.12 Special safety equipment

**SUBCHAPTER 12A. OPTIONAL ELEVATOR
INSPECTION PROGRAM**

- 5:23-12A.1 Title; scope; intent
- 5:23-12A.2 Qualified elevator device inspection firms
- 5:23-12A.3 Qualified elevator device inspector
- 5:23-12A.4 Enrollment of devices
- 5:23-12A.5 Permit process and monitoring
- 5:23-12A.6 Special inspection and compliance procedures

SUBCHAPTER 1. GENERAL PROVISIONS

5:23-1.1 Title; division into subchapters

(a) These regulations shall be known as the “Regulations for the New Jersey Uniform Construction Code” and are referred to herein as “the regulations”.

(b) The chapter consists of the following subchapters:

1. “General provisions” which may be cited throughout the regulations as N.J.A.C. 5:23-1 and when referred to in subchapter 1 of this chapter may be cited as this subchapter.

2. “Administration and enforcement; process” which may be cited throughout the regulations as N.J.A.C. 5:23-2 and when referred to in subchapter 2 of this chapter may be cited as this subchapter.

3. “Subcodes” which may be cited throughout the regulations as N.J.A.C. 5:23-3 and when referred to in subchapter 3 of this chapter may be cited as this subchapter.

i. N.J.A.C. 5:23-3.11B contains references to the Department of Environmental Protection’s rules concerning underground storage tanks, codified at N.J.A.C. 7:14B, which are jointly enforced by this Department and local enforcing agencies pursuant to this chapter.

4. “Enforcing agencies: duties, powers, and procedures” which may be cited throughout the regulations as N.J.A.C. 5:23-4 of this chapter and when referred to in subchapter 4 of this chapter may be cited as this subchapter.

5. “Industrialized/Modular Buildings and Building Components” which may be cited throughout the regulations as N.J.A.C. 5:23-4A and when referred to N.J.A.C. 5:23-4A may be cited as this subchapter.

1. The "annual permit" may be issued for building/fire protection, electrical, mechanical or plumbing work or any combination of those classifications of work, providing that the individual responsible for work done under the annual permit possesses knowledge as evidenced in accordance with N.J.A.C. 5:23-2.14(c)5, in the technical work classification for which the annual permit is sought.

i. An approved copy of the annual permit application shall be kept at a facility's maintenance office within the municipality having jurisdiction for review by the Construction Official and appropriate subcode official. The Construction Official shall be notified of the location of the facilities maintenance office.

2. The life of the annual construction permit shall be limited to one year;

3. The facility shall maintain a construction log of all work performed. The construction log shall contain the date, a brief description and estimated or actual cost of the project. This log shall be subject to a quarterly inspection by the construction official or his authorized representative. Any business record showing when and where work was done and the extent of such work shall be deemed to be a construction log: Applications for the renewal of the "annual permit" shall be filed with the Construction Official at least 60 days prior to the expiration of the current annual permit. The facility application shall make current the information previously submitted to the Construction Official. The application for renewal shall be accompanied by the established fee.

4. The annual permit covers all work subject to this chapter done by the facility's full-time maintenance staff, but shall not include work performed by outside contract even if the contractor is hired by the facility and is working under direct supervision of the facility's maintenance staff. Work performed by outside contract shall be subject to applicable UCC regulations and State Licensure Law.

5. A permanent work log, approved by the construction official, of all work done under the "annual permit" must be maintained at a facilities maintenance office on site or must be available at the time of the inspection upon 24 hours notice of such inspection. The log must contain the date, a brief description of the work, photographs for any work which was not inspected prior to closing as set forth in (e)8 below, and the name of the person supervising the work. The log shall be retained for three years.

6. Architectural or engineering drawings, as required by law for work done under the annual permit, shall be prepared by a registered architect or licensed engineer as defined by the statutory requirements of the professional registration laws of this State and shall be kept permanently on file and be made available to the Construction Official and appropriate subcode official, for review upon request.

7. The appropriate subcode official, at least two (2) times a year, shall perform inspections of the facility for which an annual permit has been issued. The maximum time between inspections shall be a six month period.

8. Work that is normally inspected prior to closing shall be ordered to be reopened by the facility upon written notice from the Construction Official or appropriate subcode official if he has reason to believe that a violation is present. A photograph shall be taken of any work intended to be enclosed without inspection.

9. Any work that is done under the supervision of the facilities maintenance staff and under a regular construction permit shall be entered into the annual permit log. The construction permit number shall be listed as a part of the entry.

10. Training for annual permits shall be provided at the seminars for code officials.

i. The facility shall provide a list of at least one, but not more than three, individuals per subcode who are required to complete five hours of continuing education per year.

ii. The Department shall maintain the training records for each annual permit. The annual permit shall not be renewed unless the facility completes the training for each issued subcode.

iii. The Department shall notify the construction official who issued the permit if the training has not been completed.

11. Any changes to the annual construction permit application shall be forwarded to the Construction Official within 30 days of the change.

12. The following work is not permitted under an annual permit:

i. Any work done on a facility that would result in a change of use of a building or part of a building;

ii. New buildings and additions regardless of size;

iii. Renovation, alteration or reconstruction work completed between inspection periods in an area in excess of 5,000 square feet per building;

iv. Any work done on a facility that would result in an increase to the area of a building;

v. The installation or alteration of a sprinkler system;

vi. Any work that affects the required means of egress;

vii. Any modification work, other than routine maintenance, that affects life safety systems, such as, but not limited to:

(1) Emergency lighting systems;

- (2) Smoke and heat detection systems;
- (3) Stand-by generator systems;
- (4) Emergency smoke evacuation systems.

viii. Any work which would disturb asbestos and require a permit to perform.

(f) Construction requirements for commercial farm buildings shall be as set forth in N.J.A.C. 5:23-3.2(d).

(g) No person shall construct, enlarge, alter, reconstruct, or demolish a retaining wall or series of retaining walls having a total height four feet or greater, or a retaining wall less than four feet having a negative impact on a foundation, without first obtaining a construction permit. The height of a retaining wall shall be the sum of the heights of all retaining walls on the same slope.

1. Exception: This requirement shall not apply to any retaining wall that is intended to be dedicated to the municipality and is subject to regulation, inspection, and the issuance of bonds under Article 6, Subdivision and Site Plan Review and Approval, of the Municipal Land Use Law, P.L. 1975, c.291 (N.J.S.A. 40:55D-37 et seq.).

As amended, R.1981 d.462, eff. December 7, 1981.

See: 13 N.J.R. 390(a), 13 N.J.R. 885(d).

(c)1i: added "under the control and supervision of a person"; (c)1iii: added "any business construction log."

Amended by R.1985 d.351 effective July 15, 1985.

See: 17 N.J.R. 1029(a), 17 N.J.R. 1756(b).

Section substantially amended.

Amended by R.1986 d.213, effective June 16, 1986.

See: 17 N.J.R. 2490(a), 18 N.J.R. 1266(a).

Subsection (e) substantially amended.

Administrative Correction: "facility's" changed from "facilities" throughout.

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

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.60, effective February 19, 1991.

See: 22 N.J.R. 3609(a), 23 N.J.R. 405(b).

Gas utilities exempt from permit and notice requirements.

Amended by R.1991 d.325, effective July 1, 1991.

See: 23 N.J.R. 805(a), 23 N.J.R. 2046(a).

Mechanical work added to (e)1.

Amended by R.1992 d.230, effective June 1, 1992.

See: 24 N.J.R. 168(a), 24 N.J.R. 2052(a).

Form numbers changed in (d).

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.381, effective July 17, 1995.

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

Amended by R.1995 d.475, effective September 5, 1995 (operative January 1, 1996).

See: 27 N.J.R. 1716(a), 27 N.J.R. 3325(a).

Rewrote (c)6 and (e)10.

Amended by R.1996 d.297, effective July 1, 1996 (operative October 1, 1996).

See: 28 N.J.R. 1586(b), 28 N.J.R. 3301(a).

In (b) added exception for signs.

Amended by R.1997 d.302, effective July 21, 1997 (operative September 24, 1997).

See: 29 N.J.R. 2202(a), 29 N.J.R. 3242(b).

Added (b)7.

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

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

Rewrote (a); added (a)1 stating exception; amended (e)4 and (e)12iii. Administrative change.

See: 31 N.J.R. 135(b).

Amended by R.1999 d.424, effective December 6, 1999.

See: 31 N.J.R. 2428(a), 31 N.J.R. 4001(c).

In (a)1 and (b)1, substituted references to ordinary maintenance for references to ordinary repairs.

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

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

In (b), added 8 and 9.

Administrative correction.

See: 34 N.J.R. 2965(a).

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 4.

Amended by R.2004 d.67, effective February 17, 2004.

See: 35 N.J.R. 4627(a), 36 N.J.R. 949(b).

In (b)8, substituted "that" for "which" preceding "are 100 square feet or less in area", substituted "Group R-2, R-3, R-4 or R-5" for "Use Groups R-2, R-3 or R-4", and inserted "the requirements at" preceding "N.J.A.C. 5:23-9.9".

Amended by R.2005 d.228, effective July 18, 2005.

See: 37 N.J.R. 163(a), 37 N.J.R. 2673(b).

Added (g).

5:23-2.15 Construction permits—application

(a) The application for a permit shall be submitted on the standard Construction Permit Application form prescribed by the Commissioner at N.J.A.C. 5:23-4.5(b)2 and shall be accompanied by the required fee, as provided for in this subchapter and N.J.A.C. 5:23-4. The application shall contain a general description of the proposed work, its location, the use and occupancy of all parts of the building or structure and all portions of the site or lot not covered by the building or structure, and such additional information as may be required by the construction official, which shall include, but not be limited to, the following:

1. The name and address of the owner: Where the owner is not a resident of the State, he shall designate a resident as agent for the purpose of service of any notices or orders which may be necessary. Such address shall not be limited to a post office box, but shall specify a physical location where such owner or agent may be found during normal business hours. Where the owner is a corporation, partnership or other business entity, the application shall indicate the names and addresses of the officers, or other responsible persons upon whom service may be made;

2. The street address and lot and block number of the property upon which the building or structure is proposed to be erected;

3. A description of the proposed work, including the use group classification, proposed construction type, lot ground coverage in square feet, total floor area in square feet, total building or structure volume in cubic feet, the total number of plumbing fixtures, the total number of electrical fixtures, outlets and major appliances, a description of the type of heating system, the source of water supply, the mode of sanitary waste disposal and a listing of any special, unusual or hazardous facilities proposed for inclusion in the building or structure;

4. The estimated cost of the work for which a permit is sought, including but not limited to building construction, on-site construction, and all integral equipment, built-in furnishings and finishes. Where any material or labor proposed for installation in the building or structure is furnished or provided at no cost, its normal or usual cost shall be included in the estimated cost;

5. A statement that all required State, county and local prior approvals have been given, including such certification as the construction official may require;

6. For Class I structures, a list of all materials and work requiring special inspections, and a list of agencies, qualified licensed professionals or firms intended to be retained for conducting those inspections in accordance with the requirements of the building subcode;

7. If the work involves lead abatement, the applicant shall provide the following:

i. A copy of the scope of work which shall describe precisely the location and extent of the work;

ii. A sketch plan showing the locations where abatement work is to be performed and showing emergency egress routes for any occupants to be in the building during abatement;

iii. A record of all materials to be used for all phases of the job, including encapsulants, enclosures, containment materials and replacement components, as appropriate;

iv. A copy of the lead evaluation report, if any has been done, prepared by a business firm certified by the Department pursuant to N.J.A.C. 5:17 to do lead evaluation; and

v. The degree to which any lead hazard identified in any report prepared by a lead evaluation firm certified by the Department will be abated; and

8. If the work involves reconstruction, an identification of the work area, except where plans are filed with the application, in which case the work area shall be delineated on the plans.

(b) In addition, the following information shall be required on any application for a construction permit when such information is available, but not later than the commencement of work.

1. The names and addresses of all contractors engaged or planned for engagement by the owner in the execution of the work.

i. A current validated State builder registration card shall be shown by the contractor and the registration number of the contractor shall be recorded on the permit, pursuant to the New Home Warranty and Builder's Registration Act (N.J.S.A. 46:3B-1 et seq.), if the project is a one or two family dwelling, condominium or cooperative, unless it is to be built in whole or in part by an owner, in which case an affidavit shall be filed by the 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. In the event of any change of contractor or person in charge of work under (b)1, 2, 3 and 4 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 prop-

(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 construction 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.

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) 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).

Case Notes

Zoning permit may be required pursuant to Municipal Land Use Law but not Uniform Construction Code Act. *Acqua Development Corp. v. Township of Holmdel*, 287 N.J.Super. 578, 671 A.2d 636 (L.1995).

Compliance with former N.J.A.C. 5:23-2.5 requirements for permit to non-contractor owner to perform repairs. *Winn v. Margate City*, 204 N.J.Super. 114, 497 A.2d 928 (Law Div.1985).

Requirement of architect's or engineer's seal on plans does not broaden scope of engineering practice into architecture; engineer's plan limitations. *State Board of Architects v. North*, 197 N.J.Super. 349, 484 A.2d 1297 (Ch.Div.1984).

Prior-approval rule discussion; zoning matters involved in construction must be resolved before issuance of permits. *Bell v. Twp. of Bass River*, 196 N.J.Super. 304, 482 A.2d 208 (Law Div.1984).

Construction permit application and fee requirements under former N.J.A.C. 5:23-2.5; municipal requirement for payment of property taxes before issuance of permit invalid as preempted by legislation. *Home Builders League of South Jersey, Inc. v. Evesham Twp.*, 174 N.J.Super. 252, 416 A.2d 81 (Law Div.1980).

Construction permit applicant must provide assurances that prior approvals obtained. *Riggins v. Pinelands Commission*, 8 N.J.A.R. 441 (1985).

5:23-2.16 Construction permits—procedure

(a) Action on application: The construction official or the appropriate subcode official in the case of construction involving only one trade or subcode, shall examine or cause to be examined all applications for permits and amendments thereto, and approve or deny in whole or in part the application, within 20 business days. If the application is denied in whole or in part, the enforcing agency shall set forth the reasons therefor in writing. If an enforcing agency fails to grant, in whole or in part, or deny an application within 20 business days, such failure shall be deemed a denial of the application for purposes of an appeal to the Construction Board of Appeals, unless such period of time has been extended with the consent of the applicant. Whenever plans have been rejected and are thereafter revised and resubmitted, the revised plans shall be released if the deficiencies that were stated as 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.

1. Exception: For a building designed in conformance with the one-and two-family dwelling subcode, where the Department or local enforcing agency has released a prototype plan which is to be used for the work covered by the permit application, the construction official shall act on the application within three business days.

i. Where the prototype release did not include the foundation detail, the construction official shall act on the application within seven business days.

2. Exception: For a building designed in conformance with the building subcode, where the Department or local enforcing agency has released a prototype plan which is to be used for the work covered by the permit application, the construction official shall act on the application within seven business days.

(b) Suspension of permit: Any permit issued shall become invalid if the authorized work is not commenced within 12 months after issuance of the permit, or if the authorized work is suspended or abandoned for a period of six months after the time of commencing the work.

(c) Previous approvals: The rules shall not require changes in the plans, construction or designated use of a building for which a lawful permit has been heretofore issued or otherwise lawfully authorized, and the construction of which shall have been actively prosecuted within six months after the operative date of the rules and completed with dispatch. This six months provision shall also apply to subsequent amendments.

(d) Signature to permit: The construction official shall attach his signature to every permit; or he may authorize a subordinate to affix such signature thereto. By doing so he shall certify that each responsible subcode official shall have reviewed and approved the application for permit.

(e) Released plans: The construction official shall stamp or endorse in writing both sets of plans released, and one set of such released plans shall be retained and the other set shall be kept at the building site, open to inspection of the construction official or the construction official's authorized representative at all reasonable times.

(f) Revocation of permits:

1. The construction official may revoke a permit or approval issued under the provisions of this code in the following cases:

i. If the applicant has submitted any false statement or misrepresentation of fact in the application or on the plans on which the permit or approval was based; or

ii. If the project for which the permit was obtained is not completed by the third anniversary of the date of issuance of the permit or January 14, 2005, whichever is later. If a project is not completed by the such date, the permit holder may apply to the enforcing agency for a one-year extension of time for completion of the project. The enforcing agency shall not unreasonably withhold approval of any such extension request. If the project is not completed within the time allowed, the enforcing agency shall take such action under the code as may be appropriate, including, without limitation, demolition of the structure, in which case the legal authority of the jurisdiction shall institute appropriate action against the owner of the property for recovery of the costs incurred. The provisions of this subparagraph shall not apply to:

(1) Improvements to the interior of a building in which the permit holder is currently residing, if such improvements are not visible from outside of the property;

(2) Any building in which all exterior work and all required site improvements have been completed; or

(3) Any project currently under the control of a mortgagee in possession.

(g) Approval of part: The construction official shall issue a permit for the construction of foundations or any other

part of a building or structure before the entire plans and specifications for the whole building or structure have been submitted, provided adequate information and detailed statements have been filed complying with all the pertinent requirements of this code. The holder of such permit for the foundations or other part of a building or structure shall proceed at his own risk with the building operation and without assurance that a permit for the entire structure will be granted.

(h) Posting of permit: A true copy of the construction permit shall be kept on the site of operations open to inspection during the entire time of prosecution of the work and until the completion of the same.

(i) Notice of start: At least 24 hours notice of start of work under a construction permit shall be given to the construction official.

(j) Conditions of permit: The issuance of the construction permit shall be conditioned upon the following:

1. The payment of appropriate fees;

2. That work will conform to the requirements of the code applicable to the work for which the permit has been issued including prior approvals and any approved amendments thereto;

3. That the permit is a license to proceed with the work and shall not be construed as authority to violate, cancel or set aside any of the provisions of the regulations;

4. That the owner, his agent, contractor or other employees will assist the enforcing agency in its inspection work, if requested.

(k) Upon request of the local health department, the construction official shall supply copies of permits issued for lead abatement work.

Amended by R.1993 d.420, effective September 7, 1993.

See: 25 N.J.R. 2158(a), 25 N.J.R. 4072(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.409, effective October 6, 1997.

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

Amended by R.1998 d.36, effective January 5, 1998.

See: 29 N.J.R. 4214(a), 30 N.J.R. 193(a).

Deleted (k); recodified existing (l) as (k).

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).

In (a), rewrote 1 and added 2.

Amended by R.2004 d.364, effective October 4, 2004 (operative January 14, 2005).

See: 36 N.J.R. 2604(a), 36 N.J.R. 4440(a).

Rewrote (f).

Case Notes

Construction permit could be voided by developer suspending construction for period of more than six months. *Palatine I v. Planning Bd. of Tp. of Montville*, 133 N.J. 546, 628 A.2d 321 (1993).

5:23-2.17 Demolition or removal of structures; abandoned wells

(a) Service connections: Before a structure can be demolished or removed, the owner or agent shall notify all utilities having service connections within the structure, such as water, electric, gas, sewer and other connections. A permit to demolish or remove a structure shall not be issued until releases are obtained from all utilities that provided service to the property, stating that their respective service connections and appurtenant equipment, such as meters and regulators, have been removed or sealed or plugged in a safe manner.

(b) Abandoned wells:

1. In the event that there is a well on the property that has been abandoned, or that will be abandoned in conjunction with the proposed demolition, a permit to demolish or remove a structure on that property shall not be issued until a certification has been obtained from a well driller licensed by the Department of Environmental Protection indicating that the well has been sealed in accordance with N.J.A.C. 7:9-9. If such certification is not presented within 15 days of the application for the permit, the construction official shall give notice of the absence of such certification to the Bureau of Water Allocation, Department of Environmental Protection, PO Box 029, Trenton, NJ 08625-0029.

2. Notice shall also be given by the construction official to the Bureau of Water Allocation in the event of any demolition activity found to have been undertaken without a permit at a building or premises currently or previously served by a well and in any other case in which no permit application for demolition has been made but the construction official becomes aware that a well has been, or is about to be, abandoned without having been sealed by a licensed well driller.

(c) Notice to adjoining owners: Only when written notice has been given by the applicant to the owners of adjoining lots and to the owners of wired or other facilities, of which the temporary removal may be necessitated by the proposed work, shall a permit be granted for the demolition or removal of a building or structure.

(d) Lot regulation: Whenever a structure is demolished or removed, the premises shall be maintained free from all unsafe or hazardous conditions by the proper regulation of the lot, restoration of established grades and the erection of the necessary retaining walls and fences in accordance with the provisions of the appropriate subcodes.

(e) Asbestos abatement: Before a structure can be demolished or removed, the owner or agent shall document that the requirements of USEPA 40 CFR 61 subpart M have been or shall be met. A permit to demolish or remove the structure shall not be issued until the owner or agent notifies the enforcing agency that all friable asbestos or asbestos-containing material that will become friable during demolition or removal has been or will be properly abated prior to demolition.

Amended by R.1993 d.198, effective June 7, 1993.

See: 24 N.J.R. 1422(a), 25 N.J.R. 2519(b).

Amended by R.1993 d.420, effective September 7, 1993.

See: 25 N.J.R. 2158(a), 25 N.J.R. 4072(a).

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

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

Amended by R.1998 d.36, effective January 5, 1998.

See: 29 N.J.R. 4214(a), 30 N.J.R. 193(a).

Added (b); and recodified existing (b) through (d) as (c) through (e).

5:23-2.17A Minor work

(a) The issuance of a permit shall not be required before minor work may proceed. The owner, or an architect or contractor acting on behalf of the owner, shall, however, provide notice of the work to the enforcing agency before work begins.

(b) Notice of work; application:

1. Notice of minor work shall be a personal or telephoned oral notice before work commences. This oral notice shall be provided to the enforcing agency between 9:00 A.M. and 5:00 P.M., Monday through Friday, except holidays. In those cases where the local enforcing agency is not open and available to receive notice at those times then notice shall be provided to the municipal clerk;

2. In addition to oral notice, the owner or his agent shall be required to file an application. The completed application with the fee shall be delivered in person or by mail to the enforcing agency, within five business days from the date of the oral notice.

(c) Minor work:

1. Minor work shall mean and include:

i. The construction or total replacement of any porch or stoop which does not provide structural support for any roof or portion of a building;

ii. Renovation or alteration work in an existing one or two-family dwelling, provided that no primary structural members are altered in any way, and further provided that the work does not constitute reconstruction; and

iii. The removal and replacement of more than 25 percent of the exterior siding of a one or two-family dwelling;

2. Minor work shall also mean and include the replacement of any existing plumbing piping work with new and approved material of like capacity; the installation of drinking fountains and condensate drains in existing structures; the replacement of existing low pressure hot water heaters with new ones of like capacity; and the new installation of lavatories, water closets, tubs, showers, washers or dishwashers, and garbage disposers in existing space of one and two-family dwellings where the new installation of additional fixtures can be accommodated with no increase in the size of the water distribution system, water service or house drain;

3. Minor work shall also mean and include new electrical work incidental to the installation of air conditioning, equipment, clothes dryers, and ranges or ovens in one and two-family dwellings; the installation of five or less 110 or 220 volt receptacles or fixtures where existing circuits and/or available space circuits and service are adequate to support the load; the replacement of existing wiring with new wiring of the same capacity provided that the new wiring shall be of a type approved for the use by the code;

4. Minor work shall also mean and include the following:

- i. The installation of any fire detection or suppression device in any one-or two-family dwelling;
- ii. The installation of a radon mitigation system in an existing one-or two-family dwelling;
- iii. The installation of a burglar alarm or security system in any structure;
- iv. The installation of communications wiring in any Class 1 or Class 2 structure or any Class 3 structure involving the penetration of a fire-resistance rated assembly.

(1) For the purposes of applying this provision, communications wiring shall mean any wiring covered by Chapter 8 of the electrical subcode. Communications wiring shall also include data circuits between computers/information technology equipment, which may be classified as "communications circuits," in accordance with Article 725 of the electrical subcode;

5. Minor work shall not include lead abatement.

6. Minor work on elevator devices shall also mean and include work as outlined below and not involving any structural modification to a building and as scoped within the applicable sections of Part XII of ASME A17.1 referenced in the building subcode:

- i. Alteration to hoistway enclosures (ASME A17.1 Part XII, Rule 1201.1a, 1203.1a);
- ii. Alteration to construction at top of hoistways (1201.1c) and at bottom of hoistways (1201.1d);

iii. Alteration to hoistways which affects control of smoke and hot gases (1201.1e);

iv. Construction and alteration of machine room and machinery spaces (1201.2, 1203.1b);

v. Installation and alteration of electrical equipment, wiring, pipes and ducts in hoistway and machine rooms (1201.3, 1203.1c);

vi. Alteration to pits (1201.6, 1203.1f);

vii. Alteration to bottom and top car counterweight clearances and runbys (1201.7, 1203.1g, 2508);

viii. Alteration to horizontal car and counterweight clearances (1201.8, 1203.1h);

ix. Additions, alterations or replacements of hoistway entrances (1201.10, 1203.1j);

x. Installation or alteration of hoistway door locking devices, access switches, parking devices and unlocking devices (1201.11, 1203.1k);

xi. Alteration or addition of power operation of hoistway doors (1201.12, 1203.1m);

xii. Alteration of spring buffers and bumpers (1202.2, 1203.2b);

xiii. Alteration of counterweights (1202.3; 1203.1d and 1203.2c);

xiv. Alteration of car frames and platforms (1202.4a, 1203.2d);

xv. Alteration of car enclosures, car doors, gates, and illumination of cars (1202.5 except installation of new cars, 1203.2e);

xvi. Use of freight elevators to carry passengers, hydraulic elevators only (1203.2j);

xvii. Relocation of power unit (1203.3f);

xviii. Replacement of tanks (1203.6);

xix. Addition or alteration of top-of-car operating devices (1202.12a, 1203.8a);

xx. Addition or alteration or car-leveling or truck-zoning devices (1202.12b, 1203.8b);

xxi. Alteration of anti-creep leveling devices (1203.8c);

xxii. Change of power supply, hydraulic elevators only (1203.8d);

xxiii. Addition of rope equalizers (1202.14c, 1203.9c);

xxiv. Addition of auxiliary rope-fastening devices (1202.14d);

xxv. Alteration of manual operating devices which are provided to manually operate elevators in case of power failure;

xxvi. Alteration of handrails on escalators and moving walks (1207.6, 1208.6);

xxvii. Alteration or addition of lighting and access to interiors and related electrical work (1207.14, 1208.14); and

xxviii. Alteration of entrances or egresses on escalators (1207.15).

(d) Inspection of minor work:

1. Inspections shall be required for minor work and the enforcing agency shall inspect any such work within 30 days of the request for inspection;

2. The construction official shall issue a certificate of approval stating that the work performed under a Minor Work Permit substantially complies with the UCC. The inspection shall be based upon what is visible at the time of said inspection and the certificate of approval shall so indicate.

Amended by R.1991 d.509, effective October 7, 1991.

See: 23 N.J.R. 2236(a), 23 N.J.R. 3001(a).

Stylistic changes.

Amended by R.1993 d.580, effective November 15, 1993.

See: 25 N.J.R. 3692(a), 25 N.J.R. 5145(c).

Amended by R.1993 d.663, effective December 20, 1993.

See: 25 N.J.R. 4546(a), 25 N.J.R. 5927(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.476, effective September 5, 1995 (operative January 1, 1996).

See: 27 N.J.R. 1846(a), 27 N.J.R. 3325(b).

Rewrote (d).

Amended by R.1995 d.564, effective November 6, 1995 (operative March 1, 1996).

See: 27 N.J.R. 2829(a), 27 N.J.R. 4281(b).

N.J.A.C. 5:23-2.17A(c)6xxv through xxvii, as added by R.1995 d.564, operative May 1, 1996.

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

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

Amended (c)1i through (c)1iii.

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)6, inserted a reference to 2508 in vii, inserted a new xxv, and recodified former xxv through xxvii as xxvi through xxviii.

Amended by R.2003 d.473, effective December 15, 2003.

See: 35 N.J.R. 2421(a), 35 N.J.R. 5543(a).

In (c)6, substituted "modification" for "alteration".

Amended by R.2004 d.467, effective December 20, 2004.

See: 36 N.J.R. 2122(a), 36 N.J.R. 5709(b).

In (c), rewrote 4.

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 shall be submitted to the construction official as soon as possible after the installation of the foundation wall. A land surveyor licensed in the State of New Jersey shall prepare the survey. The proposed foundation location 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 as described in N.J.A.C. 5:23-9.9 or similar structures.

(2) For new construction and additions, the foundation location survey for a building that is located in a flood plain shall include flood hazard certificates as required by section 1612.5 of the building subcode or section R301.2.4 of the one-and two-family dwelling subcode.

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) The inspector shall use a Department approved checklist.

(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.

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 official 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. 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 subcode 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).

5:23-2.18A Utility load management device installation programs

(a) Whenever a public utility proposes to undertake a program of installing load management devices at the properties of a substantial number of service customers within a limited period of time, it may apply to the Department for permission to utilize the procedure set forth in this section.

(b) A utility with a program to install load management devices shall submit detailed information to the Department on the design of the device.

(c) The utility shall provide an educational program acceptable to the Department to acquaint any interested Department personnel and municipal subcode officials with the device and with installation and operating procedures.

(d) The utility shall insure that all devices to be installed are identical in design, listed and labeled or otherwise approved according to this chapter for their intended use.

(e) At least one month in advance of any installations, the utility shall submit to the Department, and to each affected municipality, notice of the anticipated number of installations to be performed in each municipality. A maximum and a minimum figure may be submitted where there is uncertainty about the number to be scheduled by customers. An approximate number of weeks for installations in that municipality shall be given along with an approximate number of installations per week.

1. Each week, in advance of installation, the utility shall notify the municipality of any change in the anticipated number of installations for that week. No weekly number of installations shall be so great that the cumulative number of installations in the municipality shall exceed the maximum anticipated number submitted.

2. Prior to the commencement of any installation, and as soon as may be practicable, the utility or its contractors will provide to each municipality notice of the actual sites of installations.

3. The Department and the municipalities shall be notified as soon as possible in the event of any change in existing schedules by the utility or its contractors.

(f) On the Monday following installations, the utility shall submit to each municipality a completed permit application for all installations completed in the municipality's jurisdiction during the preceding week.

1. A listing of all permits so delivered shall be filed by the utility with the Department.

2. All devices installed during that week, by a single contractor, shall be included on that application. The application shall include the Construction Permit Application and an Electrical Subcode Technical Section.

3. Since the permit is not, typically, for work at a single location, the block number shall be entered as "UCC 2.18" and the lot as "A." The work site location shall be the name of the municipality and the owner in fee shall be the utility.

4. In addition to the Construction Permit Application, the utility or contractor shall supply the municipality a complete listing of locations where the devices, listed on this permit, were installed. This list shall include owner's name, owner's address, block and lot, date of installation, type of device(s) installed, and the contractor's name.

(g) If, for any reason, a permit application, or any part, is found to have been submitted in error, the utility or its contractors shall notify the municipality as soon as possible.

(h) When all required municipal and utility inspections have been approved, a single certificate of approval, for that permit, shall be issued to the utility.

(i) If any municipality or the Department has reason to suspect that permit applications are being mishandled or carelessly accounted for, an investigation may be conducted of the utility's permit files for this project and of any permits in the possession of individual contractors in the utility's employ for this project.

(j) The utility shall pay to each municipality 30 percent of the permit fees otherwise due and owing.

(k) The municipality shall inspect 30 percent of the installations performed and shall record the results of those inspections. The utility shall inspect at least 10 percent of the installations performed and shall record the results of those inspections and forward those results concurrently to the municipality and to the Department weekly.

(l) If a municipality or a utility discovers a defect rate of not less than seven percent for any contractor employed by the utility, the Department shall be immediately notified. The Department shall investigate and, in the interest of public safety, shall be authorized to order that:

1. The offending contractor cease to be employed by the utility for this project;

2. The utility remit the fees necessary to inspect all existing installations of the offending contractor in all municipalities where that contractor has performed work;

3. That each municipality affected perform inspections of all the offending contractor's existing installations; and

4. That the utility or its designees correct or remove all defective installations to the satisfaction of the municipal officials.

(m) If, at any time, the Department tabulates a program-wide defect rate equal to or exceeding three percent, the utility shall be notified and the inspection rate and fee rate in (j) and (k) above shall rise to 50 percent.

4. Rehabilitation subcode code change proposals shall be submitted to the Code Development Unit, Department of Community Affairs, Division of Codes and Standards, PO Box 802, Trenton, New Jersey 08625. Code change proposals may be faxed to the Code Development Unit at (609) 984-7717 or (609) 633-6729.

5. A public hearing for rehabilitation subcode code change proposals shall be held prior to a scheduled Code Advisory Board meeting. The date and time of the public hearing on rehabilitation subcode code change proposals may be obtained by contacting the Code Development Unit at (609) 984-7609.

(c) The following apply to code change proposals to other State-developed subcodes:

1. Proposals for code changes to other State-developed subcodes may be submitted to the Department at any time and shall include the information outlined in (b)2 above.

2. Code change proposals to other State-developed subcodes shall be submitted to the Code Development Unit in accordance with (b)4 above.

Amended by R.2004 d.261, effective July 6, 2004.

See: 36 N.J.R. 1267(a), 36 N.J.R. 3275(a).

Rewrote the section.

Amended by R.2005 d.342, effective October 17, 2005.

See: 37 N.J.R. 2325(a), 37 N.J.R. 3974(a).

In (a)1, added "private party," and substituted "240" for "90"; in (a)2, added "party or", "company," ", " following "agency", and "if applicable,"; added (c).

5:23-3.14 Building subcode

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

1. Pursuant to authority of P.L. 1975, c.217, as modified by P.L. 1996, c.53, the Commissioner hereby adopts the model code of the International Code Council, International Building Code, known as the "IBC/2000." 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 International Code Council at 4051 West Flossmoor Road, Country Club Hills, Illinois 60478-5795.

ii. The IBC/2000, as amended, may be known and cited as the "building subcode."

2. Any references to the mechanical code, plumbing code, International Residential Code, ICC A117.1 standard (including reference to Chapter 11) or the ICC Electrical Code 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, Administration, shall be deleted in its entirety. In addition, any referenced section of Chapter 1

shall be deleted throughout the code and "the administrative provisions of the Uniform Construction Code (N.J.A.C. 5:23)" shall be inserted.

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

i. The definition of "addition," shall be deleted.

ii. In the definition of agricultural buildings, "A structure qualifying under the Uniform Construction Code definition of a Commercial Farm Building may be built according to the regulations at N.J.A.C. 5:23-3.2(d)" shall be inserted after the last sentence.

iii. The definition of "alteration" shall be deleted.

iv. The definition of "building" shall be deleted and the following shall be inserted: "BUILDING. A structure enclosed with exterior walls or fire walls, built, erected and framed of component structural parts, designed for the housing shelter, enclosure and support of individuals, animals or property of any kind. When used herein, building and structure shall be interchangeable except where the context clearly indicates otherwise."

v. The definition of "building line" shall be deleted.

vi. The definition of "building official" shall be deleted and the following shall be inserted: "BUILDING SUBCODE OFFICIAL. A qualified person appointed by the municipal appointing authority or the commissioner pursuant to the act and the regulations to enforce the provisions of the building subcode within the jurisdiction of the enforcing agency."

vii. The definitions of "existing structure," "historic building," and "jurisdiction" shall be deleted.

viii. The definition of "owner" shall be deleted and the following shall be inserted: "OWNER. The owner or owners in fee of the property of a lesser estate therein, a mortgagee or vendee in possession, an assignee of rents, receiver, executor, trustee, lessee or any other person, firm or corporation, directly or indirectly in control of a building, structure or real property and shall include any subdivision thereof of the State."

ix. The definitions of "permit," "person," and "repair" shall be deleted.

x. The definition of "structure" shall be deleted and the following shall be inserted: "STRUCTURE. A combination of materials to form a construction for occupancy, use, or ornamentation, whether installed on, above, or below the surface of a parcel of land; provided the word "structure" shall be construed when used herein as though followed by the phrase "or part or parts thereof and all equipment therein" unless the context clearly requires a different meaning.

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

i. In Section 302.3.3, Separated uses, the first sentence of Exception 2 shall be deleted and the following

shall be inserted: "A private garage located beneath a room(s) shall have walls, partitions, floors, and ceilings separating the garage from the adjacent interior spaces constructed with not less than a one-hour fire resistance rating. Attached private garages shall be completely separated from the adjacent interior spaces and the attic area by a means of ½-inch gypsum board or equivalent applied to the garage side."

ii. In Table 302.3.3, Required Separation of Occupancies (Hours)a, Use Group U shall be deleted.

iii. Section 308.2, Group I-1, shall be amended as follows: In the first sentence, "16" shall be deleted and "5" shall be inserted. In the second sentence, "responding to" shall be deleted and "slow evacuation as defined in Section 22-1.3 of NFPA 101-97, referenced in Chapter 35, in" shall be inserted. In the third sentence, "residential board and care facilities, assisted living facilities" shall be deleted and "boarding houses" shall be inserted. In the same sentence, "abuse" shall be inserted after "drug." Also, "A facility such as above, housing at least six and not more than 16 persons shall be classified as a Group R-4" shall be deleted and the following definition of "boarding house" shall be inserted:

"Boarding House: A building arranged or used for single occupancy where meals or personal or financial services are provided to the residents."

iv. In Section 308.3, Group I-2, "who are not capable of self-preservation" shall be deleted and "where evacuation is impractical as defined in Section 22-1.3 of NFPA 101-97, referenced in Chapter 35" shall be inserted. In the second sentence, a comma shall be inserted after "to" and "assisted living facilities" shall be inserted before "mental hospitals."

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

vi. In Section 308.5.1, Adult Care Facility, "accommodations for less than 24 hours for more than five unrelated adults and provides" shall be deleted, "services" shall be deleted after "care," and the following shall be inserted: "on less than a 24-hour basis where evacuation is slow or impractical as defined in Section 22-1.3 of NFPA 101-97, referenced in Chapter 35, shall be classified as Group I-4. Where evacuation is prompt, the facility shall be classified as Group A-3."

vii. Section 308.5.2, Child Care Facility, shall be deleted and the following shall be inserted: "A facility that provides supervision and personal care on less than a 24-hour basis for children 2½ years of age or less shall be classified as Group I-4." In the same section, the exception shall be deleted.

viii. Section 310, Residential Group R, shall be deleted and the following definitions shall be inserted:

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

Hotels (including motels) having transient occupancy

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

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

Apartment houses

Convents

Dormitories

Fraternity and sorority houses

Monasteries

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

Therapeutic residences with more than 16 residents

(3) R-3 Detached one- and two-family dwellings greater than three stories in height, multiple single-family townhouses greater than three stories in height, attached two-family dwellings separated from adjacent units by firewalls, and other one- and two-family dwellings that are outside the scope of the one- and two-family dwelling subcode. Group R-3 includes:

Single residential occupancies, accessory to a dwelling unit, having no more than five roomers or lodgers (Single occupancies, accessory to a dwelling unit, having more than five roomers or lodgers shall be classified as Group R-2 or I-1, as appropriate.)

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

Rooming houses with five or fewer residents.

Therapeutic residences with five or fewer residents.

(4) R-4 Therapeutic residences including more than five but not more than 16 occupants, excluding staff, capable of prompt evacuation as defined by Section 22-1.3 of NFPA 101-97, referenced in Chapter 35.

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

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

Single residential occupancies, accessory to a dwelling unit, having no more than five roomers or lodgers (Single occupancies, accessory to a dwelling unit, having more than

five roomers or lodgers shall be classified as Group R-2 or I-1, as appropriate.)

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

Rooming houses with five or fewer residents.

Therapeutic residences with five or fewer residents."

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

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

ii. In the first sentence of the definition of "Dwelling Unit," "living as a single housekeeping unit" shall be inserted after "persons" and before "including."

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

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

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

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

vii. The definition of "Therapeutic Residence" shall be inserted as follows: "Therapeutic Residence: A residence for adults, each of whom is capable of prompt evacuation as defined by Section 22-1.3 of NFPA 101-97, referenced in Chapter 35, and who live within a single dwelling unit for therapeutic purposes, without a resident landlord or operator, but with some government or private social service provider oversight."

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

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

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

ii. In Section 411.4, Automatic sprinklers, the exception shall be deleted in its entirety.

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

i. Table 503, Allowable Heights and Building Areas, shall be amended as follows:

(1) Under construction Type VA for Group A-1, "2" shall be deleted and "1" shall be inserted.

(2) Under construction Type IB for Group A-2, "11" shall be deleted and "3" shall be inserted. Under construction Types IIA and IIB for Group A-2, "3" and "2" shall be deleted and "2" and "1" shall be inserted, respectively. Under construction Types IIIA and IIIB for Group A-2, "3" and "2" shall be deleted and "2" and "1" shall be inserted, respectively. In addition, under construction Type IV for Group A-2, "3" shall be deleted and "2" shall be inserted. Finally, under construction Type VA for Group A-2, "2" shall be deleted and "1" shall be inserted.

(3) Under construction Type IB for Group A-3, "11" shall be deleted and "5" shall be inserted. In addition, under construction Type VA for Group A-3, "2" shall be deleted and "1" shall be inserted.

(4) Under construction Type IB for Group A-4, "11" shall be deleted and "5" shall be inserted. In addition, under construction Type VA for Group A-4, "2" shall be deleted and "1" shall be inserted.

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

(6) Under construction Type IB for Group B, "11" shall be deleted and "7" shall be inserted. In addition, under construction Type IIB for Group B, "4" shall be deleted and "3" shall be inserted. Finally, under construction Type IIIA and IIIB for Group B, "5" and "4" shall be deleted and "4" and "3" shall be inserted, respectively.

(7) Under construction Type IB for Group F-1, "11" shall be deleted and "6" shall be inserted.

(8) Under construction Type IB for Group F-2, "11" shall be deleted and "7" shall be inserted.

(9) The maximum number of stories and maximum allowable area for Group H-2, construction Type VB shall be deleted and "NP" shall be inserted.

(10) Under construction Type IIIA for Group H-3, "4" shall be deleted and "3" shall be inserted.

(11) Under construction Type IIIA for Group H-4, "5" shall be deleted and "4" shall be inserted.

(12) The maximum number of stories and the maximum allowable area for Group I-3, construction Type VB shall be deleted and "NP" shall be inserted.

(13) Under construction Type IB for Group M, "11" shall be deleted and "6" shall be inserted. Under construction Type IIB for Group M, "4" shall be

deleted and "2" shall be inserted. In addition, under construction Types IIIA and IIIB, "4" shall be deleted and "3" and "2" shall be inserted, respectively. Finally, under construction Type VA, "3" shall be deleted and "2" shall be inserted.

(14) Under construction Type IB for Group R-1, "11" shall be deleted and "9" shall be inserted. In addition, under construction Type IIB for Group R-1, "4" shall be deleted and "3" shall be inserted. Finally, under construction Type IIIB for Group R-1, "4" shall be deleted and "3" shall be inserted.

(15) Under construction Type IB for Group R-2, "11" shall be deleted and "9" shall be inserted. In addition, under construction Type IIB for R-2, "4" shall be deleted and "3" shall be inserted. Finally, under construction Type IIIB for Group R-2, "4" shall be deleted and "3" shall be inserted.

(16) Under construction Type IB for Group R-3, "11" shall be deleted and "4" shall be inserted. Under construction Type IIB for Group R-3, "4" shall be deleted and "3" shall be inserted. In addition, under construction Type IIIB for Group R-3, "4" shall be deleted and "3" shall be inserted. Finally, under construction Type VB for Group R-3, "3" shall be deleted and "2" shall be inserted.

(17) Under construction Type IB for Group R-4, "11" shall be deleted and "4" shall be inserted. Under construction Type IIB for Group R-4, "4" shall be deleted and "3" shall be inserted. In addition, under construction Type IIIB for Group R-4, "4" shall be deleted and "3" shall be inserted. Finally, under construction Type VB for Group R-4, "3" shall be deleted and "2" shall be inserted.

(18) Under construction Type IB for Group S-1, "11" shall be deleted and "5" shall be inserted. Under construction Type IIB for Group S-1, "3" shall be deleted and "2" shall be inserted. In addition, under construction Type IIIB for Group S-1, "3" shall be deleted and "2" shall be inserted. Finally, under construction Type VA for Group S-1, "3" shall be deleted and "2" shall be inserted.

(19) Under construction Type IB for Group S-2, "11" shall be deleted and "7" shall be inserted. Under construction Type IIB for Group S-2, "4" shall be deleted and "3" shall be inserted. In addition, under construction Type IIIB for Group S-2, "4" shall be deleted and "3" shall be inserted. Finally, under construction Type VA for Group S-2, "4" shall be deleted and "3" shall be inserted.

(20) Use Group U shall be deleted.

(21) At the end of the table, after "UL = Unlimited," "NP = Not permitted" shall be inserted.

ii. Section 507.1, Unsprinklered, one story, shall be deleted in its entirety.

iii. Section 507.3, Two-story, shall be amended as follows: In the first sentence, "building of Type I or Type II construction under " shall be inserted after "two-story."

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

i. In Table 602, Fire Resistance Rating Requirements for Exterior Walls Based on Fire Separation Distance^a, "U" shall be deleted from the heading of the fifth column. In addition, in the same table, at Note b, "and Group U when used as an accessory to Group R3" shall be deleted.

ii. In Section 602.3, Type III, the last sentence shall be deleted.

8. Chapter 7, Fire-Resistance-Rated Construction, shall be amended as follows:

i. In Table 705.4, Fire Wall Fire Resistance Ratings, under the heading "Group," "U" shall be deleted.

ii. Section 705.5, Horizontal continuity, shall be deleted in its entirety. Section 707.6 of the 1996 BOCA National Building Code shall be inserted as follows: "Horizontal Continuity. Firewalls shall be made smoke tight at the junction of exterior walls. In exterior wall construction employing studs, the wall shall extend through the stud space to the exterior sheathing."

iii. Section 707.14.1, Elevator lobby, shall be amended as follows: In the first sentence, "In buildings having occupied floors greater than 75 feet above the lowest level of fire department vehicle access" shall be inserted before "elevators." In the same section, Exception 4 shall be deleted in its entirety.

9. Chapter 9, Fire Protection Systems, shall be amended as follows:

i. In Section 903.2.5, Group I, the exception shall be deleted and the following shall be inserted: "Exceptions

1. For other than buildings of construction Types IIIB and VB, an automatic fire sprinkler system installed in accordance with Section 903.3.1.2. shall be allowed in Group I-1 facilities.

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

ii. Section 903.2.8, Group R-2, shall be deleted in its entirety. Section 904.9 of the 1996 BOCA National Building Code shall be inserted as follows: "Group R-2: An automatic fire sprinkler system shall be provided

throughout all buildings with an occupancy in Group R-2 in accordance with Section 903.3.1.1 or 903.3.1.2:

Exception: Buildings that do not exceed two stories including basements, which are not considered a story above grade, and with a maximum of 12 dwelling units per fire area. Each dwelling unit shall have at least one door opening to an exterior exit access that leads directly to the exits required to serve the dwelling unit.

iii. In Section 903.2.9, Group R-4, the reference to "Section 903.3.1.3" shall be deleted.

iv. Section 903.2.12.1, Stories and basements without openings, shall be deleted in its entirety and Section 904.10 of the 1996 BOCA National Building Code shall be inserted as follows: "Windowless story: An automatic fire sprinkler system shall be provided throughout every story or basement of all buildings where there is not provided at least one of the following types of openings:

1. An exterior stairway that conforms to the requirements of Section 1005.3.6, or an outside ramp that conforms to the requirements of Section 1003.3.4, leading directly to grade in each 50 linear feet (15240 mm) or fraction thereof of exterior wall in the story or basement, on at least one side of the building.

2. Openings entirely above the adjoining ground level totaling 20 square feet (1.9 m²) in each 50 linear feet (15240 mm) or fraction thereof of exterior wall in the story or basement, on at least one side of the building. Openings shall have a least dimension of not less than 22 inches (559 mm), and shall have a minimum net clear opening of 5 square feet (0.5 m²). Access to such openings from the exterior shall be provided to the fire department and such openings shall be unobstructed to allow fire fighting and rescue operations from the exterior.

Where openings in a story are provided on only one side and the opposite wall of such story is more than 75 feet (22860 mm) from such openings, the story shall be equipped throughout with an automatic fire sprinkler system or openings as specified herein shall be provided on at least two sides of the exterior walls of the story. If any portion of a basement is located more than 75 feet (22860 mm) from the openings required in this section, the basement shall be equipped throughout with an automatic sprinkler system.

Exception: Occupancies in Group R-3."

v. New Section 903.2.16, Automatic sprinkler system thresholds, shall be inserted as follows: "An automatic sprinkler system shall be required in accordance with Section 903.3.1.1 when the maximum area is exceeded for the following construction types of Groups B, F-2, and S-2 according to table 903.2.16, Automatic Sprinkler System Thresholds. All others not

listed shall follow the applicable requirements as set forth in the IBC/2000."

"Automatic Sprinkler System Thresholds

Group B		IIB	IIIB	VB
Story	Max. Area	Max. Area	Max. Area	Max. Area
1	36,000	*	*	*
2	72,000 (36,000 per floor)	*	*	*
3	99,360 (36,000 per floor)	99,360 (36,000 per floor)	*	*

Group F-2		IIB	IIIB	VB
Story	Max. Area	Max. Area	Max. Area	Max. Area
1	36,000	*	18,000	18,000
2	72,000 (36,000 per floor)	*	36,000 (18,000 per floor)	36,000 (18,000 per floor)
3	99,360 (36,000 per floor)	*	*	*

Group S-2a		IIB	IIIB	VB
Story	Max. Area	Max. Area	Max. Area	Max. Area
1	36,000	36,000	36,000	18,000
2	72,000 (36,000 per floor)	72,000 (36,000 per floor)	72,000 (36,000 per floor)	36,000 (18,000 per floor)
3	99,360 (36,000 per floor)	99,360 (36,000 per floor)	99,360 (36,000 per floor)	*

a. Exception—Open parking structures in accordance with Section 406.3

*Requirements as set forth in the IBC/2000"

vi. Section 903.3.2, Quick response and residential sprinklers, shall be deleted in its entirety.

vii. In Section 905.2, Installation standards, Sections 915.4, 915.5, and 915.6 of the 1996 BOCA National Building Code shall be inserted as follows: "905.2.1 Piping design. The riser piping, supply piping and the water service piping shall be sized to maintain a residual pressure of at least 65 psi (448 kPa) at the topmost outlet of each riser while flowing the minimum quantities of water specified in Sections 905.2.1.1 and 905.2.1.2. The pipe size shall be based on the capacity of the automatic water supply system or, where an automatic water

supply is neither required nor provided to maintain the residual pressure of 65 psi (448 kPa), the pipe size shall be based on a pressure of 150 psi (1,034 kPa) available at the fire department connection.

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

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

Exceptions:

1. Where only 1½-inch valves are provided, the riser(s) shall be sized to provide a minimum flow of 100 gpm (378 L/min.).
2. In buildings where limited area sprinkler systems are supplied with water from a common standpipe riser, the riser shall be sized to satisfy total demand.
3. For occupancies in Group B, I, R-1 or R-2 in buildings that are equipped throughout with an automatic sprinkler system in accordance with Section 906.2.1, each riser shall be sized for a minimum flow of 250 gpm (945 L/min.).
4. Risers that are sized in accordance with the pipe schedule requirements of NFPA 14 listed in Chapter 35 are not subject to this requirement.

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

Exceptions

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

of 250 gpm (945 L/min.) for the first riser plus 250 gpm (945 L/min.) for each additional riser, and the total shall not be required to exceed 750 gpm (2838 L/min.).

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

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

Exceptions

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

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

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

viii. In Section 905.4, Location of class I standpipe hose connections, Items 1 and 2 shall be deleted in their entirety. Section 915.7 of the 1996 BOCA National Building Code shall be inserted as follows: "A standpipe hose connection shall be located at each floor level at every exit stairway, and on each side of the wall adjacent to the exit opening of a horizontal exit.

Exceptions

1. Where the floor areas adjacent to a horizontal exit are reachable from exit stairway outlets by a 30-foot (9,144 mm) hose stream from a nozzle attached to 100 feet (30,480 mm) of hose, a hose connection shall not be required at the horizontal exit.
2. Standpipe hose connections for systems required by Section 905.3.2. shall be permitted to be located only at exits such that all portions of the building floor area are not

more than 200 feet (60,960 mm) from a hose connection or 200 feet (122 m) from the nearest point of fire department vehicle access.”

ix. Section 905.4.2, Interconnection, shall be deleted in its entirety and Section 915.7.1 of the 1996 BOCA National Building Code shall be inserted as follows “905.4.2 Location: At each floor level and not more than 5 feet (1,524 mm) above the floor, there shall be connected to each standpipe a 2 ½ inch hose connection with valves and threads compatible with the connections used by the local fire department.”

x. Section 906.0, Portable Fire Extinguishers, shall be deleted in its entirety and new Section 906.0, entitled “Fire Department Connections,” from Section 916.0 of the 1996 BOCA National Building Code shall be inserted as follows: “906.1 Required: All required water fire-extinguishing and standpipe systems shall be provided with a fire department connection in accordance with the applicable standards. Standpipes in buildings under construction or demolition shall conform to Section 3311.

Exceptions

1. Limited area sprinkler systems supplied from the domestic water system.

2. Where the local fire department approves a single connection for a large diameter hose of at least four inches (102 mm).

3. An automatic sprinkler system with less than 20 sprinklers.

906.2 Connections: Fire department connections shall be arranged in such a manner that the attachment to any one sprinkler connection will serve all sprinklers, and the attachment to any one standpipe connection will serve all standpipes within the building.

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

906.3 Location: Fire department connections shall be located and shall be visible on a street front or on a location approved by the fire department. Such connections shall be located so that immediate access is provided to the fire department. Fire department connections shall not be obstructed by fences, bushes, trees, walls, or any other similar object.

906.4 Height: Fire department connections shall not be less than 18 inches (457 mm) and more than 42 inches (1,067 mm) in elevation, measured from the ground level to the centerline of the inlets.

906.5 Projection: Where the fire department connection will otherwise project beyond the property line or into the

public way, a flush-type fire department connection shall be provided.

906.6 Hose thread: Hose thread in the fire department connection shall be uniform with that used by the local fire department.

906.7 Fittings: Fire department inlet connection shall be fitted with check valves, ball drip valves and plugs with chains or frangible clips.

906.8 Signs: A metal sign with raised letters at least one inch (25 mm) in height shall be mounted on all fire department connections serving sprinklers or standpipes. Such signs shall read “Automatic Sprinklers” or “Standpipes,” or both, as applicable.”

xi. Sections 907.2.6 and 907.2.8 are amended as indicated at N.J.A.C. 5:23-3.17(a)1i(5).

xii. Section 907.2.10.1.4, Additions, alterations, or repairs to Group R, shall be deleted in its entirety.

xiii. In Section 907.2.10.3, Interconnection, Exception 2 shall be deleted in its entirety.

xiv. In Section 909.18.8.3, Reports, “The report shall be reviewed by the registered design professional and, when satisfied that the design intent has been achieved, the responsible registered design professional shall seal, sign, and date the report” shall be deleted.

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

i. In Section 1003.2.12.1, delete the exception and insert the following text: “For occupancies in Group R-3, and within individual dwelling units in occupancies in Group R-2, porches, balconies or raised floor surfaces located more than 30 inches (762 mm) above the floor or grade below shall have guards not less than 36 inches (914 mm) in height. Open sides of stairs with a total rise of more than 30 inches (762 mm) above the floor or grade below shall have guards not less than 34 inches (864 mm) in height measured vertically from the nosing of the treads.”

ii. In Section 1003.2.12.2, at the end of the second sentence, insert the following text: “except for occupancies of Group R-3, and within individual dwelling units in occupancies of Group R-2.”

iii. In Section 1003.3.1.3.5, Security grilles, “In Groups B, F, M, and S” shall be deleted and “horizontal” shall be capitalized.

iv. In Section 1003.3.1.4, in Exception 1, the text “more than three stories high” shall be deleted.

v. Section 1003.3.1.8, Locks and latches, shall be amended as follows: In Exception 2, “Group A having an occupant load of 300 or less” shall be deleted. In the same section, Exception 5 shall be inserted as follows:

"5. Key operation shall be permitted from a dwelling unit provided that the key cannot be removed from the lock when the door is locked from the side from which egress is made."

vi. In Section 1003.3.1.8.2, Delayed egress locks, "E" shall be deleted.

vii. In Section 1003.3.3.3, Exception 5, change the maximum riser height from "7.75 inches (197 mm)" to "8.25 inches (210 mm)" and change the minimum tread depth from "10 inches (254 mm)" to "9 inches (229 mm)."

viii. In Section 1003.3.3.7, delete the exception and insert the following text: "Exception: For occupancies in Group R-3, and within individual dwelling units in occupancies in Group R-2, circular stairways shall have a tread depth at a point not more than 12 inches (305 mm) from the side where the treads are narrower of not less than 11 inches (279 mm) and the minimum depth of any tread shall not be less than 9 inches (229 mm)."

ix. In Section 1003.3.3.8, add the following text: "Exception: For occupancies of Group R-3, and within individual dwelling units of Group R-2, winders are permitted, provided that the width of the tread at a point not more than 12 inches (305 mm) from the side where the treads are narrower is not less than 9 inches (229 mm) and the minimum width of any tread is not less than 6 inches (152 mm). The continuous handrail required by Section 1003.3.3.11 shall be located on the side where the tread is narrower."

x. In Section 1003.3.3.11, delete Exception 4, and insert the following text: "4. For occupancies of Group R-3, and within the individual dwelling units of Group R-2, handrails shall not be required for stairways with fewer than three risers."

xi. In Section 1003.3.3.11.1 add the following text: "Exception: For occupancies of Group R-3, and within individual dwelling units in occupancies of Group R-2, handrails shall have a minimum height of 30 inches and a maximum height of 38 inches measured vertically from the nosing of the treads."

xii. After Section 1003.3.3.11.3, add the following text: "Exception: For occupancies of Group R-3, and within individual dwelling units in occupancies of Group R-2, the handgrip portion of handrails shall have a maximum circular cross section of 2.625 inches (67 mm). Other handrail shapes that provide an equivalent grasping surface are permissible."

xiii. In Section 1004.2.2.1, Two exit or exit access doorways, the last sentence of Exception 1 shall be deleted.

xiv. Section 1004.2.3, Egress through intervening spaces, shall be deleted in its entirety. Section 1006.2.1 of the 1996 BOCA National Building Code shall be

inserted as follows: "Egress through adjoining spaces: Egress from a room or a space shall not pass through adjoining or intervening rooms or areas, except where such adjoining rooms or areas are accessory to the area served; are not a high-hazard occupancy; and provide a discernable path of travel to an exit. A maximum of one exit access shall be permitted to pass through a kitchen, storeroom, restroom, closet or similar space provided that a passage through such space is not the only means of access to an exit. An exit access shall not pass through a room subject to locking. Means of egress from dwelling units or sleeping areas shall not lead through other dwelling units or sleeping areas and shall not lead through toilet rooms or bathrooms."

xv. In Section 1004.3.2, Corridors, "and passageways" shall be inserted after "corridors."

xvi. In Table 1004.3.2.1, Corridor Fire Resistance Rating, under the heading "Occupancy," "U" shall be deleted from the third row.

xvii. In the title of Section 1004.3.2.2, "and passageway" shall be inserted after "Corridor." In addition, in the first sentence, "or passageway" shall be inserted after "corridor."

xviii. Section 1004.3.2.3, Dead ends, shall be amended as follows: In the first sentence "and passageways" shall be inserted after "corridors." In Exception 1, "or passageway" shall be inserted after "corridor." In Exception 2, "and passageways" shall be inserted after "corridors." In Exception 3, "or passageway" shall be inserted after each "corridor."

xix. In Table 1005.2.2, Buildings with One Exit, under the heading "Occupancy," "U" shall be deleted from the first row.

xx. In Section 1005.3.2, Vertical exit enclosures, Exception 1 shall be deleted and the following shall be inserted: "1. In other than Group H and I occupancies, a stairway connecting not more than two floor levels, one of which is the level of exit discharge, which serves an occupant load of not more than 10 or serves four or fewer dwelling units is not required to be enclosed." In the same section, Exception 8 shall be deleted.

xxi. Section 1005.3.5, Horizontal exits, shall be deleted in its entirety. Section 1019.0 of the 1996 BOCA National Building Code shall be inserted as follows: "Horizontal Exits

1005.3.5 General: Horizontal exits shall be accepted as an approved exit element of a required means of egress. The connection between an area of a building that the horizontal exit serves and the area of refuge as herein required shall be accomplished by protected openings in a fire-resistance rated wall, or by an open-air balcony or bridge.

1005.3.5.1 Separation: The separation between buildings or areas of refuge connected by a horizontal exit shall be provided by at least a two-hour fire-resistance rated firewall or fire separation assembly with approved opening protectives complying with Chapter 7 and Table 602.

1005.3.5.2 Doors: All doors shall swing in the direction of egress travel. Where the horizontal exit serves as an exit from both sides of the wall, there shall be adjacent openings with swinging fire doors opening in opposite directions.

Exception: Horizontal sliding doors complying with Section 1003.3.1.3.3.

1005.3.5.3 Area of refuge: The discharge area of a horizontal exit shall be either public areas or spaces occupied by the same tenant, and each such area of refuge shall be adequate to hold the total occupant load of both connected areas. The capacity of areas of refuge shall be computed on a minimum net floor area allowance for each occupant to be accommodated therein, not including areas of stairways, elevators and other shafts or courts, as follows:

1. 30 square feet (3 m²) per patient for hospitals and nursing homes.
2. Six square feet (0.56 m²) per occupant on stories not housing patients confined to a bed or litter in an occupancy in Group I-2.
3. Six square feet (0.56 m²) per occupant in an occupancy in Group I-3.
4. Three square feet (0.28 m²) in all other cases.

1005.3.5.4 Egress from area of refuge: The path of egress travel from the horizontal exit through the area of refuge to another exit shall be continuously available. In other than occupancies in Group I-3, there shall be at least one exit on each side of the horizontal exit, which is not a horizontal exit. Any area of refuge not having access to an exit, other than a horizontal exit, shall be considered as part of an adjoining area of refuge with such exit. In the area(s) served by the horizontal exit, the length of exit access travel distance to the horizontal exit or another exit shall not exceed the requirements of Section 1004.2.4.”

xxii. Section 1009.1, General, shall be amended as follows: In the second sentence, “Basements and” shall be deleted and “sleeping” shall be capitalized.

11. Chapter 11, Accessibility, shall be deleted in its entirety.

12. Chapter 13, Energy Efficiency, shall be deleted in its entirety.

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

i. In Table 1505.1, Minimum Roof Covering Classification for Types of Construction, Note a shall be

deleted in its entirety. In addition, at Note b, “and U occupancies” shall be deleted from the first sentence.

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

i. Section 1603.3, Live loads posted, shall be deleted in its entirety.

ii. Section 1603.4, Occupancy permits for changed loads, shall be deleted in its entirety.

iii. New Section 1604.9, General structural integrity, from Section 1604.2 of the 1996 BOCA National Building Code, shall be inserted as follows: “The requirements for general structural integrity shall be in accordance with Section 1.4 of ASCE 7 listed in Chapter 35.”

iv. In Table 1607.1, Minimum Uniformly Distributed Live Loads and Minimum Concentrated Live Loads, at Note g, “building official” shall be deleted and “design professional” shall be inserted.

v. Section 1607.9, Reduction in live loads, shall be amended as follows: In the first sentence, “and applied” shall be inserted after “reduced.” After the first sentence, “The method chosen shall be applied throughout the building.” shall be inserted.

vi. In Section 1607.9.1.3, Special occupancies, “or educational occupancies” shall be inserted after “public assembly occupancies.”

vii. In Section 1607.9.2, Alternate floor live load reduction, Item 1, “or Group E” shall be inserted after “Group A.”

viii. Section 1614.1.1, Addition to existing building, shall be deleted in its entirety.

ix. Section 1614.2, Change of Occupancy, shall be deleted in its entirety.

x. Section 1614.3, Alterations, shall be deleted in its entirety.

xi. New Section 1607.14, entitled “Residential Attics with trusses,” from Section 1606.2.3 of the 1996 BOCA National Building Code, shall be inserted as follows: “A storage live load shall be applied to those portions of the bottom chord of not less than two adjacent trusses with the same web configuration containing a rectangle 42 inches (1067 mm) high or greater by 2 feet (610 mm) wide or greater, located within the plane of the truss. The rectangle shall fit between the top of the bottom chord and the bottom of any other truss member, provided each of the following criteria are met:

- (1) The attic area is accessible by a permanent stairway, pull down stairway, or scuttle opening

meeting the size requirement specifications of Section 1208.2, and

(2) The truss shall have a bottom chord pitch less than 2 in 12.”

xii. In Section 1621.1.7, Component anchorage \$1, Item 1 shall be deleted in its entirety.

xiii. In Section 1621.3.14, Elevator design requirements, at the end of the section, the following shall be inserted: “The scope of Part XXIV of ASME A17.1, entitled “Elevator Safety Requirements for Seismic Risk Zone 2 or Greater,” is deleted.”

xiv. In Table 1622.2.5(2), Importance Factor (I) and Seismic Use Group Classification for Nonbuilding Structures, at Notes H-II and H-III, “authority having jurisdiction” shall be deleted and “construction official” shall be inserted.

15. Chapter 17, Structural Tests and Special Inspections, shall be amended as follows:

i. In Section 1701.1, Scope, “shall apply to Class I buildings and” shall be inserted after “chapter.”

ii. Section 1702.1, General, shall be amended as follows: In the title, “/Special Inspector” shall be inserted after “Agency.” In the first sentence, “or design professional acting as the approved agency” shall be inserted after “agency.”

iii. Section 1703.1, Approved agency, shall be amended as follows: In the first sentence, “Upon the request of the construction official” shall be inserted before “An.” In the same sentence, “building official” shall be deleted and “construction official” shall be inserted and “applicable” shall be deleted and “following” shall be inserted.

iv. In Section 1703.7, Evaluation and follow-up inspection, “in accordance with N.J.A.C. 5:23-4.26” shall be inserted after the second “assembly.”

v. Section 1704.1, General, shall be amended as follows: In the first sentence, “of Class 1 buildings only” shall be inserted after “construction.” In the second sentence, “the registered design professional” shall be deleted and “person” shall be inserted.

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

vii. In Section 1704.3, Steel construction, “the on-site erection of” shall be inserted after “for.”

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

ix. In Section 1704.5, Masonry construction, “in Seismic Design Category D” shall be inserted after the second “construction.” In the same section, in Exception 2, the reference to “Table 1805.5(1)” shall be deleted.

x. Section 1704.6, Wood construction, shall be deleted in its entirety.

xi. Section 1704.9, Pier foundations, shall be deleted in its entirety.

xii. In Section 1705.1, Scope, “for Seismic Design Category D buildings” shall be inserted after “provided.”

xiii. Section 1706, Quality Assurance for Wind Regulations, shall be deleted in its entirety.

xiv. Sections 1708.1, Masonry, 1708.1.1, Empirically designed masonry and glass unit masonry in nonessential facilities, 1708.1.2, Empirically designed masonry and glass unit masonry in essential facilities, 1708.1.3, Engineered masonry in nonessential facilities, 1708.1.4, Engineered masonry in essential facilities, 1708.3, Reinforcing and pre-stressing steel, 1708.4, Structural tests, and 1708.5, Mechanical and electrical equipment, shall be deleted in their entirety.

xv. Section 1709, Structural Observations, shall be deleted in its entirety.

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

i. In the title of Section 1802.2.6, “Seismic Design Category C” shall be deleted and “Seismic Design Category D” shall be inserted. In the first sentence, the reference to “Seismic Design Category C” shall be deleted and “Seismic Design Category D” shall be inserted.

ii. New Section 1802.2.8 from Section 1802.1 of the 1996 BOCA National Building Code shall be inserted as follows: “Building Height: For all buildings that are more than three stories or 40 feet (12,192 mm) in height, the building official shall request soil tests.”

iii. Section 1802.4.1, Exploratory boring, shall be amended as follows: After the first sentence, the following sentence from Section 1802.1 of the 1996 BOCA National Building Code shall be inserted: “There shall be at least one exploratory boring to rock or to an adequate depth below the load-bearing strata for every 2,500 square feet (232.5 mm) of built-over area, and such additional tests as the code official requires.”

iv. In Section 1802.6, Reports, “soil borings are required” shall be inserted after “Where.”

v. In Section 1805.2.1, Frost protection, "400 square feet (37 m²)" shall be deleted and "100 square feet (9.25 m²)" shall be inserted.

vi. In Section 1806.3.1, Floors, "60" shall be deleted and "6" shall be inserted.

vii. New Section 1806.5 from Section 1813.8 of the 1996 BOCA National Building Code shall be inserted as follows: "1806.5 Erosion protection: Where water impacts the ground from the edge of the roof, downspout, scupper or other rain water collection or diversion device, provisions shall be made to prevent soil erosion and direct the water away from the foundation."

viii. Section 1807.2.6, Spacing, shall be deleted in its entirety and Section 1816.9 of the 1996 BOCA National Building Code shall be inserted as follows: "Spacing: The minimum center-to-center spacing of piles shall not be less than twice the average diameter of a round pile, nor less than 1 3/4 times the diagonal dimension of a rectangular pile. Where driven to or penetrating into rock, the spacing shall not be less than 24 inches (610 mm). Where receiving principal support at the end from materials other than rock, or through friction resistance, the spacing shall not be less than 30 inches (762 mm) except that for piles having enlarged bases formed either by compacting concrete or driving a pre-cast base, the minimum center-to-center spacing shall be 4 1/2 feet (1,372 mm). The spacing of piles shall be such that the average load on the supporting strata will not exceed the safe load-bearing value of those strata as determined by test borings or other approved methods."

ix. In Section 1807.2.23.2, Seismic Design Category D, E, or F, the references to "Seismic Design Categories E and F" shall be deleted.

x. Section 1808.2.2.1, Materials, shall be deleted in its entirety and Section 1821.2.2 of the 1996 BOCA National Building Code shall be inserted as follows: "All concrete shall have a 28-day specified compressive strength (f_c) of not less than 4,000 psi (27579 kPa)."

17. Chapter 21, Masonry, shall be amended as follows:

i. In Figure 2111.1, Fireplace and Chimney Details, in the plan view illustration, Letter B is improperly dimensioned. The text of Section 2111.10 shall prevail.

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

i. In Section 2303.4.1, entitled "Truss Design Drawings," the third sentence shall be amended to insert "and truss layout drawings" after "Truss shop drawings."

ii. New Section 2303.4.2, entitled "Truss Identification," shall be inserted as follows: "Each truss shall be labeled or otherwise indelibly marked at the factory with the individual truss number as assigned in the truss layout plan. The indelible marking or label shall be

located on the bottom chord of the truss, inside the bearing points. When indelible markings are used, each digit shall be not less than one inch high. When labels are used, the label shall be a minimum of five inches by three inches and shall be affixed to the truss by a truss plate. Labels shall remain affixed to the truss."

19. Chapters 27, Electrical; 28, Mechanical Systems; and 29, Plumbing, shall be deleted in their entirety.

20. Chapter 30, Elevators and Conveying Systems, shall be amended as follows:

i. In Section 3001.1, Scope, "and where applicable N.J.A.C. 5:23-12" shall be inserted after "chapter."

ii. In Section 3001.2, Referenced standards, "this code" shall be deleted and "these rules" shall be inserted. In the same section, "with the exception of Rule 1206.1h, Part XX and Part XXI" shall be inserted after "ASME A17.1" and "ASME A18.1" shall be inserted after "ASME A90.1." In addition, at the end of the section, the following shall be inserted: "The scope of Part XXIV of ASME A17.1, entitled "Elevator Safety Requirements for Seismic Risk Zone 2 or Greater," is deleted."

iii. New Section 3002.4.1, Elevators in newly constructed multiple dwellings, shall be inserted as follows: "When an elevator is installed in a newly-constructed multiple dwelling, the elevator shall meet the dimensional requirements above."

iv. New Section 3003.3, Standardized fire service keys, shall be inserted as follows: "All new elevators shall be equipped to operate with a standardized fire service key."

v. In Section 3004.4, Closed vents, "annealed glass" shall be deleted and "plain glass" shall be inserted.

vi. In Section 3004.5, Plumbing and mechanical systems, the exception shall be deleted.

21. Chapter 31, Special Construction, shall be amended as follows:

i. New Section 3102.3.2, which shall be the text of Section 3104.6 of the 1996 BOCA National Building Code, shall be inserted as follows: "Certification: An affidavit or affirmation shall be submitted to the code official and a copy retained on the premises on which the tent or air-supported structure is located. The affidavit or affirmation shall attest to the following information relative to the flame-resistance of the fabric:

1. Names and addresses of the owners of the tent or air-supported structure.

2. Date the fabric was last treated with flame-resistant solution.

3. Trade name or kind of chemical used in treatment

4. Name of person or firm treating the material.

5. Name of testing agency and test standard by which the fabric was tested.”

ii. Section 3103.1.1 shall be deleted in its entirety and the following shall be inserted:

“(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 NFPA 701 standard, that yields approximately four pounds of maximum impact resistance to provide egress through the wall.

(5) The provisions of the Uniform Construction Code at N.J.A.C. 5:23-3.14(b)20ii(4) notwithstanding,

if a temporary greenhouse contains any device subject to the electrical subcode or any mechanical equipment subject to the mechanical subcode, 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 3109, Swimming Pool Enclosures, shall be deleted in its entirety and the following shall be inserted:

“3109

SWIMMING POOLS, SPAS AND HOT TUBS

3109.1 General. The provisions of this section shall control the design and construction of swimming pools, spas and hot tubs .

3109.2 Definitions. For the purposes of these requirements, the terms used shall be defined as follows and as set forth in Chapter 2.

BARRIER.

A fence, wall, building wall or combination thereof which completely surrounds the swimming pool and obstructs access to the swimming pool.

HOT TUB.

See “Swimming pool.”

IN-GROUND POOL.

See “Swimming pool.”

RESIDENTIAL.

That which is situated on the premises of a detached one-or two-family dwelling or a one-family townhouse not more than three stories in height.

SPA, NONPORTABLE.

See “Swimming pool.”

SWIMMING POOL.

Any structure intended for swimming or recreational bathing that contains water, provided that these regulations shall not be applicable to any such pool less than 24 inches (610 mm) deep or having a surface area less than 250 square feet (23.25 m²). This includes in-ground, aboveground and on-ground swimming pools, hot tubs and spas.

SWIMMING POOL, INDOOR.

A swimming pool that is totally contained within a structure and surrounded on all four sides by walls of said structure.

SWIMMING POOL, OUTDOOR.

Any swimming pool, which is not an indoor pool.

3109.3 In-ground public pools. In-ground pools shall be designed and constructed in conformance with ANSI/NSPI-1 as listed in Chapter 35.

3109.4 In-ground Residential pools. In-ground residential pools shall be designed and constructed in conformance with ANSI/NSPI-5 as listed in Chapter 35.

3109.5 Permanently installed public spas and hot tubs. Permanently installed public spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-2 as listed in Chapter 35.

3109.6 Portable residential spas and hot tubs. Portable residential spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-3 as listed in Chapter 35.

3109.7 Enclosures for private swimming pools, spas and hot tubs. The provisions of this section shall control the design of barriers for residential swimming pools, spas and hot tubs.

3109.7.1 Outdoor swimming pool. An outdoor swimming pool, including an in-ground, aboveground or on-ground pool, hot tub or spa shall be provided with a barrier which shall comply with the following:

1. The top of the barrier shall be at least 48 inches (1,219 mm) above grade measured on the side of the barrier, which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be two inches (51 mm) measured on the side of the barrier, which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an aboveground pool, the barrier may be at ground level, such as the pool structure, or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be four inches (102 mm).

2. Openings in the barrier shall not allow passage of a four-inch-diameter (102 mm) sphere.

3. Solid barriers, which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.

4. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1,143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1.75 inches (44 mm) in width. Where there are

decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.

5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1,143 mm) or more, spacing between vertical members shall not exceed four inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.

6. Maximum mesh size for chain link fences shall be a 1.25-inch (32 mm) square unless the fence is provided with slats fastened at the top or the bottom that reduce the openings to not more than 1.75 inches (44 mm).

7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 1.75 inches (44 mm).

8. Access gates shall comply with the requirements of Section AG105.2, Items 1 through 7, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches (1,372 mm) from the bottom of the gate, the release mechanism and openings shall comply with the following:

- 8.1. The release mechanism shall be located on the pool side of the gate at least three inches (76 mm) below the top of the gate, and

- 8.2. The gate and barrier shall have no opening greater than 0.5 inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.

9. Where an aboveground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then:

- 9.1. The ladder or steps shall be surrounded by a barrier that meets the requirements of Section AG105.2, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a four-inch-diameter (102 mm) sphere.

3109.8 Barrier exceptions. Spas or hot tubs with a safety cover that complies with ASTM F 1346, as listed in Chapter 35, shall be exempt from the provisions of this section.

3109.9 Enclosures for public swimming pools, spas and hot tubs. Public swimming pools shall be completely enclosed by a fence at least four feet (1,290 mm) in height or a screen enclosure. Openings in the fence shall not permit the passage of a four-inch (102 mm) diameter sphere. The fence or screen enclosure shall be equipped with self-closing and self-latching gates."

22. Chapter 32, Encroachments into the Public Rights of Way, shall be amended as follows:

i. In Section 3202.1.2, Vaults and other enclosed spaces, "authority or legislative body having jurisdiction" shall be deleted and "Uniform Construction Code (N.J.A.C. 5:23)" shall be inserted.

ii. In Section 3202.3.4, Pedestrian walkways, "authority having jurisdiction" shall be deleted and "the construction official" shall be inserted.

iii. In Section 3202.4, Temporary encroachments, "local authority having jurisdiction" shall be deleted and "municipality" shall be inserted.

23. Chapter 33, Safeguards During Construction, shall be amended as follows:

i. Sections 3303.1, Construction documents; 3303.2, Pedestrian protection; 3303.4, Vacant lot; 3303.5, Water accumulation; and 3303.6, Utility connections, shall be deleted in their entirety.

ii. In the last sentence of Section 3309.1, Where required, "On construction sites," shall be inserted before "All." In addition, in the last sentence, "Section 906" shall be deleted and "the International Fire Code" shall be inserted.

24. Chapter 34, Existing Structures, shall be deleted in its entirety.

25. Chapter 35, Referenced Standards, shall be amended as follows:

i. Under the subheading "ASME," the following reference shall be inserted: "ASME A18.1-1999, Safety Standard for Platform Lifts and Stairway Chairlifts, with A18.1a-2001 addenda."

ii. Under the subheading "NFPA," "NFPA 13-96, Installation of Sprinkler Systems; NFPA 13D-96, Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes; and NFPA 13R-96, Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height" shall be deleted and "NFPA 13-99 Installation of Sprinkler Systems; NFPA 13D-99, Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes; and NFPA 13R-99, Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height" shall be inserted. In addition, "NFPA 20-99, Installation of Centrifugal Fire Pumps" shall be inserted after "NFPA 17A-98, Wet Chemical Extinguishing Systems."

iii. Under the subheading "NSPI" the following NSPI Standards shall be inserted: "ANSI/NSPI-1, Permanently Installed Public In-ground Public Pools, ANSI/NSPI-2, Permanently Installed Public Spas,

ANSI/NSPI-3, Standard for Permanently Installed Residential Spas, ANSI/NSPI-4, Standard for Residential Above-Ground/One-Ground Swimming Pools, and ANSI/NSPI-5, Standard for Residential In-ground Swimming Pools."

26. The Appendices shall be amended as follows:

i. Appendix A, Employee Qualifications; Appendix B, Board of Appeals; Appendix C, Group U-Agricultural Buildings; Appendix D, Fire Districts; Appendix E, Supplementary Accessibility Requirements; Appendix F, Rodent Proofing; and Appendix G, Flood Resistant Construction, shall be deleted in their entirety.

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

(1) In Appendix H, Section H101.2, Signs exempt from permits, shall be deleted in its entirety.

(2) In Appendix H, Section H105.2, Permits, drawings and specifications, "as provided in Chapter 1" shall be deleted and "as provided in N.J.A.C. 5:23-2.14" shall be inserted.

(3) In Appendix H, Section H106.1, Illumination, "ICC Electrical Code" shall be deleted and "electrical subcode" shall be inserted.

(4) In Appendix H, Section H106.2, Electrical service, "ICC Electrical Code" shall be deleted and "electrical subcode" shall be inserted.

iii. Appendix I, Patio Covers, and Appendix J, Supplementary Accessibility Requirements for Qualified Historic Buildings and Facilities, shall be deleted in their entirety.

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.

Amended by R.2001 d.368, effective October 15, 2001.

See: 33 N.J.R. 1990(a), 33 N.J.R. 3673(b).

In (b)9, inserted a new ix and recodified former ix through xiv as x through xv.

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), substituted "seven" for "7 1/3 (2335 mm)" in 2vi, rewrote 10, added a new 17, and recodified former 17 through 26 as 18 through 27.

Amended by R.2002 d.215, effective July 1, 2002.

See: 34 N.J.R. 1078(a), 34 N.J.R. 2312(a).

In (b)22, inserted new ii and recodified existing ii through xvii as iii through xviii.

Administrative correction.

See: 34 N.J.R. 3771(b).

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.

Administrative correction.

See: 35 N.J.R. 2864(b).

Amended by R.2003 d.351, effective September 2, 2003.

See: 35 N.J.R. 1177(a), 35 N.J.R. 4051(a).

In (b)9, added xi; recodified existing xi to xiii as xii to xiv.

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

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

Rewrote (b).

Administrative correction.

See: 36 N.J.R. 3525(c).

Amended by R.2004 d.423, effective November 15, 2004.

See: 36 N.J.R. 3004(a), 36 N.J.R. 5090(a).

In (b)5, added ii.

Amended by R.2005 d.4, effective January 3, 2005.

See: 36 N.J.R. 4049(a), 37 N.J.R. 47(a).

In (b)19, added new iv and recodified former iv and v as v and vi.

Administrative correction.

See: 37 N.J.R. 502(b), 674(a).

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

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

Added (b)14xi and recodified former (b)14xi-xiii as (b)14xii-xiv; added (b)18 and recodified former (b)18-25 as (b)19-26.

Amended by R.2005 d.446, effective December 19, 2005.

See: 37 N.J.R. 2747(a), 37 N.J.R. 4907(a).

In (b)3viii(3), substituted "one- and two-family" for "single-family"; in (b)3viii(5), "Group R-5 also includes: ..."

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 Standards Plumbing Code/2003," 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/2003," including appendices, 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. Delete the term and definition of "Adopting Agency."

ii. Amend the definition of "approved" as follows: delete "Sec. 3.12" and insert "N.J.A.C. 5:23-3.7."

iii. Delete the definition of "Authority Having Jurisdiction" and insert the following: "Unless otherwise defined herein, or unless the context clearly indicates otherwise, the term "authority having jurisdiction" for purposes of the plumbing subcode, shall mean the "plumbing subcode official."

iv. 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.

v. In the definition of "Building Classification" delete "authority having jurisdiction" and insert "building subcode" at N.J.A.C. 5:23-3.14.

- vi. The term and definition of “code” are deleted.
 - vii. The term and definition of “family” are deleted.
 - viii. The term and definition of “nuisance” are deleted.
 - ix. Add the following new definition after the definition of Swimming Pool: Swimming Pool, Public: A swimming pool located on any property other than a one or two family residential property and including, but not limited to, swimming pools open to the use of members, residents or the public.
3. Chapter 2 of the plumbing subcode, entitled “General Regulations,” is amended as follows:
- i. Section 2.5 is deleted in its entirety.
 - ii. In Section 2.9.3 delete “Building Code or as required by the proper Authority Having Jurisdiction” and insert “building subcode.”
 - iii. Section 2.12 is amended to delete subparagraph e.
 - iv. In Section 2.16, at Item 1, insert the number “42” in the blank space provided. Additionally, add the following sentence: “Combination domestic/fire water service piping shall be installed such that the minimum earth cover is 42 inches or the top of the pipe is 12 inches below the frost depth of the locality, whichever is greater. Limited-area sprinkler systems installed in accordance with Section 903.3.5.1.1 of the building subcode, shall be installed such that the minimum earth cover is 42 inches.” In the same section, at Item 2, insert the number “24” in the blank space provided and add the following sentence at the end: “Minimum earth cover for building sewers connected to a private sewage disposal system shall be 6 inches.”
 - v. Section 2.19.1 is amended to delete the blank and the words “feet of any property line of the premises, or other.”
 - vi. Section 2.19.2 is amended to delete the words “the Health Department or other agency having jurisdiction” and substitute in lieu thereof “The New Jersey Department of Environmental Protection.”
 - vii. In Section 2.25, at Item 8, insert “and which does not otherwise adversely affect health and safety” at the end of the section.
4. Chapter 3 of the plumbing subcode, entitled “Materials,” is amended as follows:
- i. In Section 3.1.1 delete “Minimum.” In the same section at items (1) and (2), delete “Section 3.12.2” and insert “N.J.A.C. 5:23-3.7.”
 - ii. In Section 3.1.2, at Item a, delete “at least.” In the same section, delete “Section 3.12” and insert “N.J.A.C. 5:23-3.7.”
 - iii. In Section 3.13 delete “Section 3.12.2” and insert “N.J.A.C. 5:23-3.7.”
 - iv. Section 3.3.8a is amended to add the following phrase: “Pressure vessels shall be designed and constructed in accordance with the requirements of American Society of Mechanical Engineers, (ASME), Rules for Construction of Pressure Vessels, Section VIII/1998. Any pressure vessel that exceeds any of the following, shall meet the requirements of ASME and shall be stamped ASME: A heat input rating of 200,000 BTU per hour; or a water temperature of 200 degrees Fahrenheit; or a nominal water capacity of 120 gallons or any other thresholds of ASME that apply.”
 - v. Section 3.3.11 entitled “Septic Tanks” is deleted in its entirety.
 - vi. Add new section 3.4.2.1 as follows: 3.4.2.1 Combination Domestic/Fire Water Service: Water service piping for combination domestic/fire water services shall be of materials listed in Table 3.4 and shall be water pressure rated not less than 200 psig at 73°F. Joint restraints shall comply with Section 6.3, entitled “Joint Restraint for Fire Mains” per NFPA 13.
Exception: Limited area sprinkler systems installed in accordance with Section 903.3.5.1.1 of the building subcode, shall be water pressure rated not less than 160 psig at 73°F.
 - vii. In Section 3.11.1 delete “approved by the Authority Having Jurisdiction.”
 - viii. In Section 3.11.2 delete “except as may be otherwise authorized by the Authority Having Jurisdiction.”
 - ix. Sections 3.12.1, 3.12.2, 3.12.3, 3.12.4, and 3.12.5 are deleted in their entirety.
5. Chapter 4 of the plumbing subcode entitled, “Joints and Connections” is amended as follows:
- i. In Section 4.3.8(b)(3) delete “be approved by the Authority Having Jurisdiction if such products are not listed or labeled” and insert “or as permitted under N.J.A.C. 5:23-3.7.”
6. Chapter 5 of the plumbing subcode entitled, “Traps, Cleanouts and Backwater Valves” is amended as follows:
- i. In Section 5.3.2, Exception (2), delete “administrative authority” and insert “Authority Having Jurisdiction in accordance with N.J.A.C. 5:23-3.3.”
 - ii. In Section 5.3.4 delete “administrative authority” and insert “Authority Having Jurisdiction in accordance with N.J.A.C. 5:23-3.3.”
7. Chapter 6 of the plumbing subcode, entitled “Liquid Waste Treatment Equipment,” is amended as follows:
- i. At the end of Section 6.1.1 delete “in the opinion of the administrative authority” and add the following: “The determination of necessity shall be made by the plumbing subcode official in accordance with N.J.A.C. 5:23-3.3.”

ii. Section 6.4.4 is amended to add the phrase "in accordance with N.J.A.C. 5:23-3.3" after the word "approval" on line 2.

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

i. Section 7.2 is amended to read "Plumbing fixtures for accessible use and their installation shall conform to the requirements of N.J.A.C. 5:23-7 et. seq."

ii. In Section 7.4.4, Exception (2) shall be deleted and the following text shall be inserted: "Accessible water closets shall conform to the requirements of N.J.A.C. 5:23-7 et seq. In facilities intended primarily for use by the elderly, water closets, other than those required to be accessible, shall be at least 17 inches high."

iii. At the end of Section 7.18.2 after "Authority Having Jurisdiction" insert "in accordance with N.J.A.C. 5:23-3.3."

iv. Note 1 to Table 7.21.1 is amended to delete the words "For handicap requirements see local, state, or national codes." in the second sentence.

v. Figure 7.3.2 is amended to delete the word "Code" and substitute in lieu thereof "Subcode" in the block at bottom.

vi. A new section 7.25 is added as follows:

"7.25 Safety Features for Public Swimming Pools.

Public swimming pools shall comply with the following sections of the N.J. Department of Health and Senior Services, Chapter 26 "Public Recreational Bathing," Subchapter 3.

Swimming Pools. N.J.A.C. 8:26-3.16 Inlets and outlets:

(c)1. All swimming pools shall be equipped with main drain suction outlets in the lowest point of the swimming pool floor. The spacing of the main drain suction outlets shall not be greater than 20 feet on center, nor more than 15 feet from each side wall.

(d) The suction outlets shall be designed to protect against a suction entrapment, evisceration, and/or hair entanglement/entrapment hazard.

2. A minimum of two hydraulically balanced suction outlets equipped with covers shall be provided per swimming pool pump suction line.

ii. No means of isolating the two suction outlets shall be permitted that will cause one suction fitting to become the sole source of fluid to the pump. The single pipe to a pump suction inlet may be valved off to shut off the flow to the pump."

9. Chapter 10 of the plumbing subcode, entitled "Water Supply and Distribution," is amended as follows:

i. In Section 10.2 after "Authority Having Jurisdiction" insert "in accordance with N.J.A.C. 5:23-3.3".

ii. In Section 10.4.2 delete "with the approval of the Authority Having Jurisdiction" and insert "in accordance with the rules of the New Jersey Department of Environmental Protection at N.J.A.C. 7:10-10";

iii. Section 10.4.3 is amended to read: "Potable water supplies shall be protected in accordance with the provisions of this code and where applicable the Safe Drinking Water Regulations (N.J.A.C. 7:10). The requirements of this code shall establish requirements for individual outlet protection. The requirements of the Safe Drinking Water Act shall establish the requirements for containment.";

iv. In Section 10.4.4b delete "administrative authority" and insert "Authority Having Jurisdiction in accordance with N.J.A.C. 7:10-10.2(e)."

v. Section 10.5.6d. is amended to delete the words "and repair" on the first line, and to delete the third sentence.

vi. In Section 10.8.1 insert "as required by the Authority Having Jurisdiction" after "in accordance with good practice."

vii. Section 10.15.1 is amended to add the phrase "Outlet temperature of hot water from lavatory faucets in public facility restrooms (such as those in service stations, airports, train and bus terminals, and conventions halls) shall be provided with a means to limit the maximum temperature to 110 [degree]F. as required in ASHRAE 90.1-1999."

10. Chapter 11 of the plumbing subcode, entitled "Sanitary Drainage Systems," is amended as follows:

i. Section 11.4.3 is amended at the end to add the sentence "Diversity factors shall be established in accordance with N.J.A.C. 5:23-3.3."

11. Chapter 12 of the plumbing subcode, entitled "Vents and Venting," is amended as follows:

i. In Section 12.4.5 delete "when approved by the Authority Having Jurisdiction".

ii. Section 12.5 is deleted in its entirety.

iii. Section 12.8.2 is deleted in its entirety.

12. Chapter 13 of the plumbing subcode, entitled "Storm Water Drainage," is amended as follows:

i. Section 13.1.5a through c is amended to read "subsoil drains shall be provided in accordance with the building subcode."

ii. Section 13.1.10.1 is amended to delete the last sentence and to substitute in lieu thereof "Rainfall rates shall be based on Appendix A of the 1993 edition of the

National Standard Plumbing Code. Appendix A shall be applied so that the applicable rainfall rate for Burlington and Ocean counties and all counties south shall be six inches per hour and for Mercer and Monmouth counties and all counties north, the applicable rainfall rate shall be five inches per hour.”

iii. Section 13.1.10.2, “Secondary Roof Drainage,” is deleted.

iv. Section 13.1.10.4, “Equivalent Systems,” is deleted.

v. In Section 13.9.1 after “Authority Having Jurisdiction” insert “in accordance with N.J.A.C. 5:23-3.3.”

13. Except as otherwise indicated in (b) 14i below, sections 16.1 through 16.12.1.13 of chapter 16 of the plumbing subcode, entitled “Regulations Governing Individual Sewage Disposal Systems for Homes and Other Establishments Where Public Sewer Systems Are Not Available” are deleted in their entirety.

i. Section 16.1.7 is retained and amended to read as follows: “When a sewage disposal system is being abandoned and a connection is being made to the public sewer system, the plumbing subcode official shall ensure that the abandoned septic system is disconnected from the building, pumped out and filled with gravel, stones or soil material.”

Note: Existing standards of the Department of Environmental Protection and boards of health with respect to individual on-site sewage disposal systems remain in effect.

14. Chapter 15 of the plumbing subcode, entitled “Tests and Maintenance” is amended as follows:

i. Add new Section 15.6.1 as follows: 15.6.1 Combination Domestic/Fire Water Service Systems: Piping for combination domestic/fire water services systems shall be pressure tested to not less than 200 psig and shall maintain that pressure without loss for 2 hours.

ii. Add new Section 15.6.1.1 as follows: 15.6.1.1 Leakage: The following provisions shall apply to buried pipe in all combination domestic/fire water service systems, except for limited sprinkler systems:

(1) The amount of leakage at the joints shall be no greater than 2 qt/hr (1.89 L/hr) per 100 joints or gaskets, regardless of pipe diameter.

(2) The amount of leakage in accordance with (1) above shall be permitted to be increased in increments of 1 fluid ounce (30 ml) per inch valve diameter per hour for each metal seated valve that isolates the test section.

(3) The amount of leakage in buried piping shall be measured at the test pressure specified by pumping from a calibrated container.

iii. Add new Section 15.9 as follows: 15.9 Flushing of Piping: Lead-in connections to system risers and fire service mains from the water supply to the system riser (excluding limited systems) shall be flushed completely before connection is made to sprinkler piping. The flushing operation shall be continued for a sufficient amount of time to ensure that the system is thoroughly cleaned. The minimum rate of flow shall be not less than one of the following:

(1) The hydraulically calculated water demand rate of the system, including any hose requirements.

(2) The flow that is necessary to provide a velocity of 10 ft/sec (3.1 m/sec).

(3) The maximum flow rate available to the system under fire conditions.

15. Chapter 17 of the plumbing subcode, entitled “Potable Water Supply System” and comprising sections 17.1 through 17.15.2 is deleted in its entirety.

Note: Existing standards of the Department of Environmental Protection and boards of health with respect to individual on-site water supply systems remain in effect.

16. Chapter 18 of the plumbing subcode, entitled “Mobile Home and Travel Trailer Park Plumbing Standards,” is amended as follows:

i. Section 18.2.1 is amended to delete the last sentence beginning “Trailer home park”.

ii. Section 18.2.2 is amended to delete the words “or sewerage disposal” on line 1.

iii. Section 18.5.8 is amended to add the phrase “and as provided by the authority having jurisdiction” after the words “chapter 10 of this code.”

iv. Section 18.8.1.2 is deleted.

v. Section 18.8.3 is amended to add the phrase “for dependent trailers” after the word “park” on line 1.

vi. Section 18.8.4 is amended to add the phrase “for dependent trailers” after the word “park” on line 1.

vii. Section 18.9 is deleted.

viii. Section 18.10 is deleted.

17. Appendix A entitled “Sizing Storm Drainage Systems,” is deleted in its entirety.

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. 1326(a), 15 N.J.R. 141(c).

Added (a) 3 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).
 Section substantially amended.
 Amended by R.1986 d.12, effective February 3, 1986.
 See: 17 N.J.R. 2714(a), 18 N.J.R. 267(a).
 (a)1i had a change of address; (a)3 and (c) added.
 Amended by R.1987 d.81, effective February 2, 1987.
 See: 18 N.J.R. 2237(b), 19 N.J.R. 289(d).
 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.1989 d.66, effective February 6, 1989.
 See: 20 N.J.R. 2846(a), 21 N.J.R. 288(a).
 Added (c).
 Amended by R.1990 d.58, effective February 5, 1990.
 See: 21 N.J.R. 3346(b), 22 N.J.R. 351(a).
 Added (d) adopting the 1989 Supplement to the 1987 National Standard Plumbing Code.
 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 (a)3; (d)3ii amended.
 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.326, effective July 1, 1991.
 See: 23 N.J.R. 804(a), 23 N.J.R. 2044(a).
 GPF set at 1.6; gravity water closets not permitted in commercial uses.
 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.67, effective February 3, 1992.
 See: 23 N.J.R. 3602(a), 24 N.J.R. 404(b).
 Low volume water closet exception added at (b)18i(1).
 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.122, effective March 6, 1995 (operative July 1, 1995).

See: 26 N.J.R. 4874(a), 27 N.J.R. 894(a).
 Amended by R.1998 d.136, effective March 16, 1998.
 See: 30 N.J.R. 4(a), 30 N.J.R. 1038(a).
 In (b)9, added xii.
 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.2001 d.340, effective September 17, 2001.
 See: 33 N.J.R. 1245(a), 33 N.J.R. 3308(b).
 Rewrote the section.
 Amended by R.2002 d.393, effective December 16, 2002.
 See: 34 N.J.R. 2914(a), 34 N.J.R. 4428(a).
 In (b)8, deleted former (ii) and recodified existing (iii) to (ix) as (ii) to (viii).
 Amended by R.2005 d.35, effective January 18, 2005.
 See: 36 N.J.R. 3329(b), 37 N.J.R. 267(a).
 Rewrote the section.
 Administrative correction.
 See: 37 N.J.R. 885(a).
 Amended by R.2005 d.341, effective October 17, 2005.
 See: 37 N.J.R. 164(a), 37 N.J.R. 3974(b).
 In (b)3iv, added 'and add the following sentence at the end: "Minimum earth cover for building sewers connected to a private sewage disposal system shall be 6 inches."' at the end of the paragraph.

Case Notes

Statute providing that only licensed master plumbers could be plumbing contractors was unconstitutional. *Mechanical Contractors Ass'n of New Jersey, Inc. v. State*, 255 N.J.Super. 488, 605 A.2d 743 (A.D.1992).

5:23-3.16 Electrical subcode

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



mechanical means into an approved drainage system that complies with the plumbing subcode.

Exception: Where a site is located in well-drained gravel or sand/gravel mixture soils, a dedicated drainage system is not required.

5. Chapter 5, Floors, shall be amended as follows:

i. In Section R502.11.4, entitled "Truss Design Drawings," the second sentence shall be amended to insert "and truss layout drawings" after "Truss design drawings."

ii. New Section R.502.11.5, entitled "Truss Identification," shall be inserted as follows: "Each truss shall be labeled or otherwise indelibly marked at the factory with the individual truss number as assigned in the truss layout plan. The indelible marking or label shall be located on the bottom chord of the truss, inside the bearing points. When indelible markings are used, each digit shall be not less than one inch high. When labels are used, the label shall be a minimum of five inches by three inches and shall be affixed to the truss by a truss plate. Labels shall remain affixed to the truss."

6. Chapter 6, Wall Construction, shall be amended as follows:

i. In Figure R602.6.1, Notching and Bored Hole Limitations for Exterior Walls and Bearing Walls, "six-16 penny nails" shall be deleted and "three-8d nails" shall be inserted.

ii. In Table R602.10.1, Wall Bracing, under the column "Seismic Design Category or Wind Speed," at Category D¹ and D², "less than 110 mph" shall be deleted and "less than 120 mph" shall be inserted. In addition, the fourth row of Table R602.10.1 shall be deleted in its entirety.

iii. Section R606.1.1, Professional registration not required, shall be deleted in its entirety.

iv. In Section R611.1, General, the second sentence shall be deleted.

7. Chapter 8, Roof Ceiling Construction, shall be amended as follows:

i. In Section R802.10.1, entitled "Truss Design Drawings," the third sentence shall be amended to insert "and truss layout drawings" after "Truss design drawings."

ii. New Section 802.10.5, entitled "Truss Identification," shall be inserted as follows: "Each truss shall be labeled or otherwise indelibly marked at the factory with the individual truss number as assigned in the truss layout plan. The indelible marking or label shall be located on the bottom chord of the truss, inside the

bearing points. When indelible markings are used, each digit shall be not less than one inch high. When labels are used, the label shall be a minimum of five inches by three inches and shall be affixed to the truss by a truss plate. Labels shall remain affixed to the truss."

iii. Table R802.11, Required Strength of Truss or Rafter Tie-Down Connections to Resist Wind Uplift Forces^{a, b, c, d}, shall be deleted and the following shall be inserted:

"Required Strength of Truss or Rafter Tie-Down Connections to Resist Wind Uplift Forces^{a, b, c, d} (Pounds per tie-down connection)

Design Wind Load (psfd)	Total Roof Width Including Overhang (feet)				
	24	28	32	36	40
20	192	224	256	288	320
30	432	504	576	648	720
40	672	784	895	1,008	1,120
50	912	1,064	1,216	1,368	1,520
60	1,152	1,344	1,536	1,728	1,920
70	1,392	1,624	1,856	2,088	2,320
80	1,632	1,904	2,176	2,448	2,720
90	1,872	2,184	2,496	2,808	3,120

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kN/m², 1 pound = 0.454 kg.

a. Wind uplift forces are based on 24-inch spacing of roof trusses or rafters. For spacing other than 24 inches, forces shall be adjusted accordingly.

b. Interpolation is permitted for intermediate values of wind uplift pressures and roof widths.

c. The rated capacity of approved tie-down devices is permitted to include up to a 60-percent increase for wind effects where allowed by material specifications.

d. Figure R301.2(4) and Table R301.2(2) shall be used in determining the design wind load.

8. Chapter 10, Chimneys and Fireplaces, shall be amended as follows:

i. In Section R1001.15, Chimney clearances, Exception 3, "12 inches" shall be deleted and "six inches" shall be inserted.

ii. In Figure 1001.15, Clearance from Combustibles, "12 IN. MIN." shall be deleted and "6 IN. MIN." shall be inserted.

iii. In Section R1003.12, Fireplace clearance, Exception 3, "12 inches" shall be deleted and "six inches" shall be inserted.

9. Chapter 11, Energy Efficiency, shall be deleted in its entirety.

10. Chapter 12, Mechanical Administration, shall be amended as follows:

i. Section M-1202, Existing Mechanical Systems, shall be deleted in its entirety.

11. Part VI, Fuel Gas, shall be amended as follows:

i. In Section G2402.3, Terms defined in other codes, "ICC Electrical Code, International Building Code, International Fire Code, and International Plumbing Code" shall be deleted and "electrical, building, fire protection, and plumbing subcodes" shall be inserted.

ii. Section G2403, entitled "General Definitions" shall be amended as follows:

(1) The definition "code" shall be deleted.

(2) The definition of "code official" shall be deleted and the following shall be inserted: "For the purpose of this subcode, the term 'code official' shall mean the appropriate subcode official as required by N.J.A.C. 5:23-3.4."

(3) In the definition of "labeled," "authority having jurisdiction" shall be deleted and "construction official" shall be inserted.

(4) In the definition of "listed," "authority having jurisdiction" shall be deleted and "Uniform Construction Code (N.J.A.C. 5:23)" shall be inserted.

iii. Section G2404.5, Repair, shall be deleted in its entirety.

iv. In Section G2408.1, General, the second paragraph shall be deleted in its entirety.

v. Section G2409, Clearance Reduction, shall be amended as follows:

(1) In Section G2409.4, Central heating boilers and furnaces, "G2409.4.1 through G2409.4.7" shall be deleted and "G2409.4.1 through G2409.4.5 and G2409.4.7" shall be inserted.

(2) Section G2409.4.6, Unlisted central heating furnaces, shall be deleted in its entirety.

vi. Section G2411.2, Liquefied petroleum gas storage, shall be amended as follows: "Delete in its entirety Section 3-2.5, entitled 'Installation of Containers on Roofs of Buildings' in NFPA 58, 1998 Edition. The installation of LP Gas containers on roofs of buildings shall be strictly prohibited." shall be inserted after the first sentence.

vii. Section G2413.3, Other materials, shall be deleted in its entirety.

viii. In Section G2426.5.5, Inspection of chimneys, "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(c)" shall be inserted. In the same section, the exception shall be deleted in its entirety.

12. Part VII, Plumbing, shall be deleted in its entirety. Plumbing requirements under the scope of this subcode shall be regulated by the plumbing subcode.

13. Part VIII, Electrical, shall be deleted in its entirety. Electrical requirements under the scope of this subcode shall be regulated by the electrical subcode.

14. Part IX, Chapter 42, Referenced standards, shall be amended as follows:

i. Under the subheading, NFPA, "NFPA 13-96, Installation of Sprinkler Systems," shall be deleted and "NFPA 13-99, Installation of Sprinkler Systems; NFPA 13D-99, Installation of Sprinkler Systems in One-and Two-Family Dwellings and Manufactured Homes; and NFPA 13R-99, Installation of Sprinkler Systems in Residential Occupancies Up To and Including Four Stories in Height" shall be inserted.

15. The Appendices shall be amended as follows:

i. In Appendix A, Sizing and Capacities of Gas Piping, at Letters (e) and (d), "authority having jurisdiction" shall be deleted and "construction official" shall be inserted.

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 AG102.1, General, the definition of "swimming pool" shall be deleted and the following shall be inserted: "Any structure intended for swimming or recreational bathing that contains water, provided that these regulations shall not be applicable to any pool less than 24 inches (610 mm) deep or having a surface area less than 250 square feet (23.25m²). This includes in-ground, above-ground, on-ground swimming pools, hot tubs, and spas."

iv. In Appendix G, 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. Item 10.2 shall be renumbered as 10.1.

v. Appendix H, Patio Covers; Appendix I, Private Sewage Disposal; and Appendix J, Existing Buildings and Structures, 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).

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/2003. 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/2003 may be known and cited as the "fuel gas subcode."

2. Any references to the International Plumbing Code, ICC Electrical Code, International Energy Conservation Code or the International Existing Building Code listed in Chapter 8 shall be considered a reference to the appropriate adopted plumbing, electrical, or energy 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/2003 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. In Section 201.3 delete "ICC Electrical Code, and International Plumbing Code," and insert "electrical subcode and plumbing subcode."

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;

v. The definition of the term "code official" is deleted, and the following language is substituted: "For the purpose of the fuel gas subcode, the term "code official" shall mean the appropriate subcode official as designated in N.J.A.C. 5:23-3.4."

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

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

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

ii. In Section 301.3 delete "in accordance with Section 105."

iii. Section 301.9 is deleted.

iv. Section 305.1. Delete the second paragraph in its entirety.

v. Section 307.1 is amended to delete "approved plumbing fixture" on line 3 and insert the following: "drywell, sump pump, floor drain, or drainage system below floor."

vi. Section 307.2 is deleted.

4. Chapter 4 of the fuel gas subcode, entitled "Gas Piping Installation," is amended as follows:

i. Add new Section 401.9 as follows:

401.9 Protection from vehicle impact. Gas meters, related regulators and piping that are installed indoors or outdoors and are subject to vehicle impact shall be protected by barriers meeting the requirements of Section 312 of the International Fire Code. For the purpose of applying this provision, "subject to vehicle impact" shall mean located within three feet of any garage door opening, driveway or designated parking

area and not separated by a building wall from the space where a vehicle may be operated.

(1) Exception: If verification of the installation of an excess flow valve is provided by the gas utility, vehicle impact barriers shall not be required.

ii. Section 401.2 is amended to add the following: "Delete in its entirety Section 3-2.5 "Installation of Containers on Roofs of Buildings" in NFPA—58, 1998 Edition." Installation of LP-Gas containers on roofs of buildings shall be strictly prohibited.

iii. Section 403.3 is deleted.

5. Chapter 5 of the fuel gas code, entitled "Chimneys and Vents," is amended as follows:

i. In Section 503.5.6 delete "cleaned and free of obstructions" and insert "inspected in accordance with the chimney certification program as provided for in N.J.A.C. 5:23-2.20."

ii. Section 503.5.6.1, exception: Delete the exception in its entirety.

6. Chapter 6 of the fuel gas code, entitled "Specific Appliances" is amended as follows:

i. Section 623.2 is deleted.

ii. Section 623.3 is deleted.

iii. Section 627.10 is deleted.

7. Chapter 8 of the fuel gas code, entitled "Referenced Standards," is amended as follows:

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

(1) Delete "IBC—03, International Building Code" and insert "IBC—00, International Building Code."

(2) Delete "ICC EC—03, ICC Electrical Code."

(3) Delete "IEBC—03, International Existing Building Code."

(4) Delete "IECC—03, International Energy Conservation Code."

(5) Delete "IFC—03, International Fire Code" and insert "IFC—00, International Fire Code."

(6) Delete "IPC—03, International Plumbing Code."

(7) Delete "IRC—03, International Residential Code" and insert "IRC—00, International Residential Code."

8. Appendices A, B, and C of the fuel gas subcode are informative and are not part of the subcode itself.

9. Appendix D of the fuel gas subcode, entitled "Recommended Procedure for Safety Inspection of an Existing Appliance Installation," is deleted in its entirety.

New Rule, R.2001 d.196, effective June 18, 2001.

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

Administrative correction.

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

Amended by R.2004 d.468, effective December 20, 2004.

See: 36 N.J.R. 1858(b), 36 N.J.R. 5711(a).

In (b), added a new 4i and recodified existing i through ii as ii through iii.

Amended by R.2005 d.35, effective January 18, 2005.

See: 36 N.J.R. 3329(b), 37 N.J.R. 267(a).

Rewrote the section.

Administrative correction.

See: 37 N.J.R. 885(a).

APPENDIX 3-A

APPENDIX

NEW JERSEY DEPARTMENT OF COMMUNITY AFFAIRS
DIVISION OF CODES AND STANDARDS
CODE CHANGE PROPOSAL
REHABILITATION SUBCODE (N.J.A.C. 5:23-6)

Proposals must be presented with language proposed for deletion in brackets [].

Proposals must be presented with language proposed for addition underlined:

Mail code change proposals to: Fax code change proposals to:
Code Development Unit Code Development Unit
Department of Community Affairs (609) 984-7717 or
Division of Codes and Standards (609) 633-6729
PO Box 802
Trenton, New Jersey 08625

Direct questions to the Code Development or Code Assistance Units at (609) 984-7609.

Section (citation) proposed for change: _____
Sections (companion changes) that might also need to be changed:

NAME: _____

ORGANIZATION (if any): _____

ADDRESS: _____

TELEPHONE: _____ FAX: _____ E-mail: _____

Proposed Code Change:

Supporting Statement (reason for code change):

New Rule, R.2004 d.261, effective July 6, 2004.

See: 35 N.J.R. 1267(a), 36 N.J.R. 3275(a).

SUBCHAPTER 3A. STATE-JURISDICTION SUBCODES

5:23-3A.1 Scope

This subchapter shall govern the enforcement by the Department of Community Affairs of the State Uniform Construction Code, in conjunction with other rules administered by the Department, in facilities and installations for which the Department is the sole enforcing agency, as set forth in N.J.A.C. 5:23-3.11(j).

5:23-3A.2 Subcodes established

(a) All provisions of adopted model codes that are applicable to the construction, alteration, installation, erection or demolition of carnival-amusement rides or ski lifts shall be designated collectively as the amusement ride subcode.

(b) All provisions of adopted model codes that are applicable to the construction, alteration, installation, erection or demolition of high pressure boilers, pressure vessels or refrigeration systems shall be designated collectively as the boiler, pressure vessel and refrigeration subcode.

See: 35 N.J.R. 5336(a), 36 N.J.R. 1755(a).

Recodified to N.J.A.C. 5:23-2.7(c). Section was "Interpretation: Ordinary maintenance".

5:23-9.4 (Reserved)

New Rule, R.1990 d.490, effective October 1, 1990.

See: 22 N.J.R. 592(a), 22 N.J.R. 3148(a).

Repealed by R.1995 d.121, effective March 6, 1995 (operative July 1, 1995).

See: 26 N.J.R. 4875(a), 27 N.J.R. 894(c).

Formerly "Seismic Zones".

5:23-9.5 Interpretation: Records retention

(a) A construction official shall maintain, for the life of each structure wholly or partially within the jurisdiction of the enforcing agency, copies of the following documents: construction application, permits(s), any update(s), notice of unsafe structure, certificate of occupancy, ongoing inspection control card, elevator inspection, decision of the construction board of appeals, cut-in card and the inspection and certificate logs.

(b) Copies of additional documents may be retained at the discretion of the construction official.

(c) A construction office shall retain copies of plans for Class I and Class II structures for at least the life of the structures and copies of plans for Class III structures for at least 10 years.

New Rule, R.1990 d.364, effective August 6, 1990.

See: 22 N.J.R. 1455(a), 22 N.J.R. 2275(a).

Amended by R.1992 d.230, effective June 1, 1992.

See: 24 N.J.R. 168(a), 24 N.J.R. 2052(a).

Form numbers changed in (a).

Amended by R.1995 d.647, effective December 18, 1995 (operative March 18, 1996).

See: 27 N.J.R. 3517(a), 27 N.J.R. 5012(a).

Amended by R.1996 d.512, effective November 4, 1996.

See: 28 N.J.R. 3697(a), 28 N.J.R. 4782(a).

5:23-9.6 Interpretations: Construction requirements for new and existing casinos

(a) Fixed central pedestal seating (stools) shall be allowed within major aisles and cross-aisles in casinos for gaming patrons who use standard size slot machines or other similar machines, within these aisles, provided the following requirements have been met:

1. Schematic drawings which indicate the dimensions and locations of the stools, and the distances from adjacent fixtures, walls or other objects shall be submitted to the Department for review and release;

2. Stool placement shall not result in any reduction of the required aisle accessway width when measured from the stool and any other adjacent obstacle, including, without limitation, other stools in back-to-back seating arrangements;

3. Stools that swivel and have a back rest shall be restricted so as to rotate only in one direction, operate in series, and be self-centering;

4. A minimum clearance of eight inches, measured from the face of the gaming machine base at knee height,

shall be provided between the gaming machine and the stool and a minimum clearance of 10 inches, measured from seat edge to seat edge, shall be provided between adjacent stools, in order to ensure discharge clearances; and

5. The minimum clear width of aisles with slot stools shall be 48 inches.

(b) The following code requirements shall apply to gaming floors:

1. The use group of the gaming floor area shall be A-2.

2. Each gaming floor area shall be designed using an open landscape plan such that there is clear visibility throughout the floor and at least two of the exits are clearly discernible from all portions of the floor. Line of sight obstructions shall be limited and shall be subject to the approval of the Department.

3. An egress study shall be provided for each new egress route and for all modifications to an existing egress route, increases in occupant load or change of egress elements for gaming floor areas.

- i. The occupant load shall be calculated at 11 square feet gross per person for all gaming floor areas, regardless of the gaming activity.

- ii. The total capacity of the means of egress shall be calculated based on 116 2/3 percent of the calculated occupant load of any floor area containing gaming activities and any adjacent spaces using the gaming floor for exit access.

- iii. Travel distances shall be delineated on the egress study and shall be measured from each and every occupiable point on the gaming floor to the closest exit. The travel distance shall be measured along the natural path of travel using a distance of one foot from obstructions, corners and walls and using the center of door openings.

- iv. Each egress route shall identify the travel distance, number of occupants and size and type of egress elements.

4. Section 1017.4.1.3 of the building subcode, entitled "Special locking arrangements in penal facilities," shall be permitted to apply for areas that are back-of-house to the gaming floor where security is necessary.

5. Gaming equipment, change banks, monitor cabinets and other obstructions located on the gaming floor shall not exceed 65 inches in height except as provided in this paragraph:

- i. Equipment and obstructions located at or within 21 feet of perimeter walls, measured perpendicular to the wall, may be of unrestricted height;

- ii. Equipment and obstructions located at columns, but not extending more than 12 feet in any direction around the column, including the column itself, may be of unrestricted height;

iii. Equipment and obstructions located so that they do not obstruct visibility throughout the gaming floor, the visibility of at least two exits, or the operation of fire protection systems, may be of such height as is consistent with such visibility and operation; and

iv. Slot machines and similar gaming equipment may be 75 inches in height at any location on the casino floor provided the following conditions are met throughout the entire casino floor(s):

(1) Machines taller than 65 inches shall be of a circle top or similar design so that the 75-inch height is not continuous and at least 40 percent of the vertical projected area between 65 inches and 75 inches is open;

(2) An exit catchment area shall be provided immediately in front of the means of egress having the largest egress capacity and each other means of egress, ranked from the largest to smallest in terms of egress capacity, until such areas are provided in front of means of egress comprising 67 percent of the required egress capacity. Each catchment area shall be a rectangle with the full width of the means of egress component and twice the depth. Gaming equipment and other obstructions within the catchment area shall require Department approval;