

THE ULTIMATE BOOK OF SURVIVAL GEAR



NEW U.C.C. INSPECTORS

Code Professional

Presented to you is this helpful

"UCC Inspector Survival Guide"

The intent of this booklet is to provide you with helpful information, from the sections of The Uniform Construction Code to practical tips and resourceful contacts. This "Survival Guide" will expose you to some of the materials that can help you grow and expand your knowledge in the ever-changing world of Code Enforcement.

Please understand, this is only a guide, information changes on a regular basis and complete documents are not included.

You Must Invest Your
*** Time * Energy * Commitment ***

Read Your Code Books, Search Out a Subject, Ask Questions and Continue to Grow and Expand in the Knowledge of Your Profession and Craft.

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Municipal Construction Officials of New Jersey

Arrangement of Material Provided by Rich Perlman



START HERE



State of New Jersey

CODE OF ETHICS

The protection of life, health, and property is a solemn responsibility of the highest order. Recognizing the public's trust bestowed upon individuals engaged in the administration and enforcement of construction codes, the Department of Community Affairs and licensed code officials throughout the State of New Jersey are committed to a standard of professional behavior that exemplifies the highest ideals and principles of ethical conduct.

- Code Officials will never use their positions to secure any special benefit to themselves, their families, or their friends.*
- Code Officials will never accept any gift or gratuity from anyone whose work they regulate.*
- Code Officials will recuse themselves from enforcement of the Uniform Construction Code in matters where they, their families, or close friends have a direct or indirect personal or financial interest that might appear to conflict with the proper discharge of the duties of the Code Official.*
- Code Officials will never knowingly act in a way that might create an impression or suspicion among the public that they are engaged in conduct violative of the public trust.*
- Code Officials will always make decisions in connection with their official duties on a fair and impartial basis, and without regard to race, color, sex, religion, age, handicap, national origin, marital status, sexual orientation, political affiliation, or other inappropriate consideration.*
- Code Officials will never conduct themselves such that it might be reasonably inferred that the influence of a personal relationship caused them to act in a biased or partial manner.*
- Code Officials will never recommend or disparage products, suppliers, or contractors, or otherwise show partiality or exercise undue influence in any way.*
- Code Officials will perform their duties to the best of their ability at all times and will not accept additional employment that would leave insufficient time to perform their duties properly.*
- Code Officials will perform their duties with professionalism and with courtesy toward all.*

It is the intent and purpose of this act:

- a. To encourage innovation and economy in construction and to provide requirements for construction and construction materials consistent with nationally recognized standards.
- b. To formulate such requirements, to the extent practicable, in terms of performance objectives, so as to make adequate performance for the use intended as the test of acceptability.
- c. To permit to the fullest extent feasible the use of modern technical methods, devices and improvements, including premanufactured systems, consistent with reasonable requirements for the health, safety, and welfare of occupants or users of buildings and structures.
- d. To eliminate restrictive, obsolete, conflicting and unnecessary construction regulations that tend to unnecessarily increase construction costs or retard the use of new materials, products or methods of construction, or provide preferential treatment to types or classes of materials or products or methods of construction.
- e. To insure adequate maintenance of buildings and structures throughout the State and to adequately protect the health, safety and welfare of the people.
- f. To eliminate unnecessary duplication of effort and fees in the review of construction plans and the inspection of construction.

CONTACT INFORMATION: Please understand this is not all inclusive, check to Internet for your area

Division of Codes and Standards 609 292 7899

Code Assistants 609 984 7609

Licensing Unit 609 984 7834

Uniform Construction Code Publications 609 984 0040

ICC 888 422 7233

NFPA 800 344 3555

IAPMO NSPC 909 472 4100

UL 610 774 1300

INTERTEK 800 201 0335

OTHER:

ASSOCIATIONS:

N.J. Building Officials Association www.newjerseyboa.com

N.J. Plumbing Inspectors Association www.njpia.org

International Assoc. Electrical Inspectors www.iaei.org

N.J. Municipal Electrical Inspectors Assoc. www.njmeia.com

N.J. State Fire Prevention/Protection Association www.njsfppa.org

N.J. Association of Technical Assistants www.njata.org

Regional/Other

Bergen-Passaic Municipal Inspectors Assoc. www.bpmia.com

Central Jersey Code Officials Association www.cjcoa.org

Monmouth-Ocean County Building Officials. www.mocboa.com

Municipal Construction Officials of New Jersey www.munco.org

Sussex Warren Code Enforcement Official gregchontow@msn.com

OTHER:

OSHA 800 321 6742

New Jersey One Call 811 or 1 800 272 1000

UTILITIES:

Public Service Electric & Gas. 800 436 7734

Jersey Central Power & Light 800 662 3115

Atlantic City Electric. 800 642 3780

Rockland Electric Company. 877 434 4100

Park Ridge Dept. of Public Utilities. 201 391 2113

Butler Municipal Electric Light & Power. 973 838 7208

Milltown Electric Department. 732 828 2100

Sussex Rural Electric Coop, Inc.. 973 875 5101

Vineland Municipal Electric Utility. 856 794 4230

South River Board of Public Works. 732 257 9051

Madison Electric Utility. 973 593 3091

Seaside Heights Boro Electric Dept.. 732 375 4720

Lavallette Electric Dept.. 732 793 7766

Pemberton Electric Dept.. 609 518 7877

Elizabethtown Gas. 800 242 5830

New Jersey Natural Gas. 800 221 0051

South Jersey Gas. 888 766 9900

Optimum (Altice) Broadband Cable: 1-800-992-0132

Service Electric Hunterdon: 1-800-225-9102

Spectrum (Charter): 1-855-707-7328

Verizon (FiOS): 1-800-VERIZON (1-800-837-4966)

Xfinity (Comcast): 1-800-XFINITY (1-800-934-6489) / 1-800-COMCAST. (1-800-266-2278)

OTHER:

§ 5:23-3.3 Enforcement

(a) In accordance with the delineation of responsibility for enforcement specified herein, subject to specific reservations by the Department to itself, the appropriate official(s) shall enforce the subcode and shall act on any question relative to the mode or manner of construction, and the materials to be used in the erection, addition to, repair, renovation, alteration, reconstruction, removal, demolition, installation of service equipment, and the location, use and occupancy of all buildings and structures, except as may be otherwise specifically provided for in the regulations, including, but not limited to:

1. Applications, certificates and permits: Such official(s) shall review applications for permits for the erection, repair (other than ordinary maintenance), renovation, alteration and reconstruction of buildings and structures; indicate approval or denial to the construction official; and inspect the premises for which such permits have been issued and enforce compliance with the provisions of the regulations.
2. Notices and orders: Such official(s) shall issue all necessary notices or orders to remove illegal or unsafe conditions; to require the necessary safeguards during construction; and to insure compliance with all requirements for the safety, health and general welfare of the public.
3. Inspections: Such official(s) shall make all the required inspections, and all reports of such inspections shall be in writing and certified by them or they may engage such expert opinion as he may deem necessary to report upon unusual technical issues that may arise, subject to the approval of the construction official and appointing authority.
4. Enforcing agency records: Such official(s) shall assist in the keeping of official records of applications received, permits and certificates issued, fees collected, reports of inspections, and notices and orders issued as may be required by the construction official.

HOW TO CITE THE CODE



New Jersey Uniform Construction Code (aka: *The Blue Book*)

How the Blue Book is Organized and Read

N.J.A.C. 5:23 - 2.15 (f) 1 i(1)(A)

New Jersey Administrative
Code

Title

Chapter

Sub
Chapter

Section

Sub
Section

Paragraph

Sub

Paragraphs

N.J.A.C 5:23 CHAPTER 2

N.J.A.C 5:23-2.1	Title;scope;intent
N.J.A.C 5:23-2.2	Matter Covered
N.J.A.C 5:23-2.3	Applicability
N.J.A.C 5:23-2.4	Alterations, replacements and damages
N.J.A.C 5:23-2.5	Concerning increase in size
N.J.A.C 5:23-2.6	Change of use
N.J.A.C 5:23-2.7	Ordinary Maintenance
N.J.A.C 5:23-2.8	Installation of equipment
N.J.A.C 5:23-2.9	Variations and exceptions
N.J.A.C 5:23-2.10	Applications for variations
N.J.A.C 5:23-2.11	Review for variation applications
N.J.A.C 5:23-2.12	Final decision on variations
N.J.A.C 5:23-2.13	Authority to grant variations
N.J.A.C 5:23-2.14	Construction permits-when required
N.J.A.C 5:23-2.15	Construction permits-application
N.J.A.C 5:23-2.15A	Construction permits for a single family residence
N.J.A.C 5:23-2.16	Procedure
N.J.A.C 5:23-2.16A	Records retention
N.J.A.C 5:23-2.17	Demolition or removal of structures; abandoned wells
N.J.A.C 5:23-2.17A	Minor Work
N.J.A.C 5:23-2.18	Inspections
N.J.A.C 5:23-2.18A	Utility load management device installation programs
N.J.A.C 5:23-2.18B	Utility area lighting facility installation program

N.J.A.C 5:23-2.18C	Use and occupancy of swimming pools, spas and hot tubs
N.J.A.C 5:23-2.19	Special technical services
N.J.A.C 5:23-2.20	Test and special inspections
N.J.A.C 5:23-2.21	Construction control
N.J.A.C 5:23-2.22	Premanufactured construction
N.J.A.C 5:23-2.23	Certificate requirements
N.J.A.C 5:23-2.23A	Permits and certificates for multi-tenant buildings
N.J.A.C 5:23-2.24	Conditions of certificate of occupancy
N.J.A.C 5:23-2.25	Establishment of fees
N.J.A.C 5:23-2.26	{reserved}
N.J.A.C 5:23-2.27	Refunds
N.J.A.C 5:23-2.28	Volume computation
N.J.A.C 5:23-2.29	Entry
N.J.A.C 5:23-2.30	Violation, notice and orders
N.J.A.C 5:23-2.31	Compliance
N.J.A.C 5:23-2.32	Unsafe structures
N.J.A.C 5:23-2.33	Service of notice
N.J.A.C 5:23-2.34	Protection of adjoining properties and public right of way
N.J.A.C 5:23-2.35	Enforcement actions after issuance of certificate(s) of occupancy
N.J.A.C 5:23-2.36	{Reserved}
N.J.A.C 5:23-2.37	Elevation of an existing building
N.J.A.C 5:23-2.38	Departmental appeal
N.J.A.C 5:23-2.39	Automatic fire suppression systems

§ 5:23-4.3A Enforcing agency classification

(a) Local enforcing agencies shall be classified as Class 3 or RCS (specialty in residential and small commercial structures), Class 2 or ICS (specialty in industrial and commercial structures) or Class 1 or HHS (specialty in high-rise/hazardous structures). The classification of the enforcing agency shall be as determined by

(b) below. The highest class of structures, as defined in (d) below, for which the enforcing agency in a municipality is authorized to do plan review shall correspond to the classification of the enforcing agency as determined by (b) below. (b) The classification of an enforcing agency is determined by the lowest level of inspector license held by any of the subcode officials appointed to establish such agency and by the highest level of inspector license held by the appointed construction official. In the case of subcode officials, the inspector license used to determine the classification of the agency must be in the subcode area for which that individual is appointed. Enforcing agencies shall be classified as follows:

1. Class 1 agency: The lowest level of inspector license held in accordance with N.J.A.C. 5:23-5 by the construction official or any of the subcode officials appointed to constitute the enforcing agency is an HHS inspector license.

2. Class 2 agency: The lowest level of inspector license held in accordance with N.J.A.C. 5:23-5 by the construction official or any of the subcode officials appointed to constitute the enforcing agency is an ICS inspector license.

3. Class 3 agency: The lowest level of inspector license held in accordance with N.J.A.C. 5:23-5 by the construction official or any of the subcode officials appointed to constitute the enforcing agency is an RCS inspector license.

(c) Any change in the classification of an enforcing agency shall be effective immediately upon a change in the level of licensure of any of the officials appointed to constitute the enforcement agency as described in (a) above. The ability of a municipality to accept an application for plan review shall be determined by the classification of that municipality as of the date of application. Nothing contained herein, however, shall be construed to permit any enforcement agency to continue to review plans submitted if the classification of the agency has changed so as to render the agency no longer eligible to review the plans in question.

(d) Structures shall be classified as follows (group classifications are as per the building subcode, areas are per floor/stories/height are above grade):

§ 5:23-2.7 Ordinary maintenance

(a) Ordinary maintenance to structures may be made without filing a permit application with or giving notice to the construction official.

REFER TO THE CODE TEXT FOR THE COMPLETE DETAILS

§ 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 oral or written and submitted in person or electronically to local enforcement agency and shall be given before work commences. Notice shall include a brief summary and the location of the work to be performed. Such notice shall be consent for the enforcing agency to enter and inspect in the same manner a permit application is consent.

2. In addition to the notice, the owner or his or her agent shall be required to file a permit application. The completed permit application shall be delivered in person or by mail to the enforcing agency, within five business days from the date of the notice. The fee shall be paid prior to the issuance of the construction permit.

REFER TO THE CODE TEXT FOR THE COMPLETE DETAILS

§ 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;

(1) In the case of pile foundations, a pile log and certification prepared by a licensed design professional shall take the place of the inspection required by (b)1i above. Such certification shall include, but not be limited to, verification that the size, type, and location of the piles conforms to the released plans and that the piles are properly set to support the design loads. Such certification shall be based upon personal observations made by the design professional at the site;

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

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

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

(2) For new construction, additions, and work that is determined to be a substantial improvement pursuant to N.J.A.C. 5:23-6.3A, the foundation location survey, including the lowest floor elevation and as-built elevation documentation, for a building that is located in a flood hazard area shall be submitted to the construction official and to the local floodplain administrator and shall include elevation certificates as required by section 1612.4 of the building subcode or section R322.1.10 of the one- and two-family dwelling subcode; the documentation and certificates shall be submitted prior to further vertical construction;

iii. Utility services, including septic;

iv. Mid-point inspections shall include the following:

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

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

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

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

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

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

(3) Plumbing Subcode: Rough piping.

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

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

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

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

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

SIMPLIFIED USE GROUP EXAMPLES: Read the Code for full details, this text has been edited to condense material

Assembly Group A-1: Occupancy includes assembly uses, usually with fixed seating, intended for the production and viewing of the performing arts or motion pictures including, but not limited to: **Motion picture theaters Symphony and concert halls Theaters**

Assembly Group A-2: Occupancy includes assembly uses intended for food and/or drink consumption including, but not limited to: **Banquet halls Nightclubs Restaurants, cafeteria**

Assembly Group A-3: Occupancy includes assembly uses intended for worship, recreation or amusement and other assembly uses not classified elsewhere in Group A including, but not limited to: **Art galleries Community halls Libraries (Gymnasiums, indoor swimming pools, Indoor tennis courts (without spectator seating)**

Assembly Group A-4: Occupancy includes assembly uses intended for viewing of indoor sporting events and activities with spectator seating including, but not limited to: **Arenas Swimming Tennis**

Assembly Group A-5: Occupancy includes assembly uses intended for participation in or viewing outdoor activities including, but not limited to: **Amusement park structures Bleachers Grandstands**

Business Group B: Occupancy includes, among others, the use of a building or structure, or a portion thereof, for office, professional or service-type transactions, including storage of records and accounts. Business occupancies shall include, but not be limited to, the following: **Animal hospitals, Banks Barber shops Car wash Educational occupancies for students above the 12th grade Professional services (architects, attorneys, physicians)**

Educational Group E: Occupancy includes, among others, the use of a building or structure, or a portion thereof, by six or more at any one time for educational purposes through the 12th grade

Group F-1 Moderate-Hazard Factory Industrial Factory industrial uses that are not classified as F-2 Low Hazard shall be classified as F-1 Moderate Hazard and shall include, but not be limited to, the following: **Appliances Bakeries Business machines Canvas Carpets Clothing Disinfectants**

Group F-2 Low-Hazard Factory Industrial Factory industrial uses that involve the fabrication or manufacturing of noncombustible materials that during finishing, packing or processing do not involve a significant fire hazard shall be classified as F-2 occupancies and shall include, but not be limited to, the following: **Brick Ceramic products Foundries Glass products Gypsum Metal products**

High-Hazard Group H-1 High-Hazard Group H-2 High-Hazard Group H-3 High-Hazard Group H-4 High-Hazard Group H-5 (READ THE COMPLETE TEXT FOR DETAILS)

Institutional Group I-1: Occupancy shall include buildings, structures or portions thereof for more than 16 persons, excluding staff, who reside on a 24-hour basis in a supervised environment, receive custodial care and are capable of slow evacuation. This group shall include, but not be limited to, the following: **Alcohol and drug treatment centers Boarding houses Group homes Halfway houses Social rehabilitation facilities**

Institutional Group I-2: Occupancy shall include buildings and structures used for medical care on a 24-hour basis for more than five persons where evacuation is impractical. This group shall include, but not be limited to, the following: **Assisted living facilities Detoxification facilities Hospitals Nursing homes Psychiatric hospitals**

Institutional Group I-3: Occupancy shall include buildings and structures that are inhabited by more than five persons who are under restraint or security. A Group I-3 facility (evacuation impractical due to security measures). This group shall include, but not be limited to, the following: **Correctional centers Detention centers Jails Pre-release centers**

Institutional Group I-4: Occupancy shall include buildings and structures occupied by more than five persons of any age who receive custodial care for fewer than 24 hours per day by persons other than parents or guardians. This group shall include, but not be limited to, the following: **Adult day care Child day care**

Mercantile Group M. Occupancy includes, among others, the use of a building or structure or a portion thereof for the display and sale of merchandise, and involves stocks of goods, wares or merchandise incidental to such purposes and accessible to the public. Mercantile occupancies shall include, but not be limited to, the following: **Department stores Markets Fuel-dispensing**

Residential Group R. Occupancy includes, the use of a building or structure, or a portion thereof, for sleeping purposes. (WHEN NOT GROUP I)

Residential Group R-1. Occupancies containing *sleeping units*, occupants are primarily *transient*, including: **Hotels Motels Vacation properties**

Residential Group R-2. Residential Group R-2 occupancies containing *sleeping units* or more than two *dwelling units* where the occupants are primarily permanent, including: **Apartment houses. Dormitories. Live/work units Rooming houses with more than 5 occupants**

Residential Group R-3. Residential Group R-3 occupancies where the occupants are primarily permanent and not classified as Group R-1, R-2, R-4 or I, including: **Alcohol/drug/boarding treatment houses with five or fewer Detached one- and two-family dwellings greater than three stories in height, multiple single-family townhomes greater than 3 stories Group homes/ Rooming houses with five or fewer**

Residential Group R-4. Residential Group R-4 occupancy shall include buildings, structures or portions thereof for more than five but not more than (16) persons, (reside supervised 24-hour) (residential custodial care) (slow evacuation). This group shall include, but not be limited to, the following: **Alcohol and drug treatment centers Boarding houses. Group homes Halfway houses**

Residential Group R-5. Occupancies shall include all detached one- and two-family dwellings/multiple single-family townhouses not more than three stories in height with a separate means of egress. This Group shall also include: **Care facilities/ Group Homes/ Rooming for (five or fewer). Single Residential**

Storage Group S. Occupancy includes, among others, the use of a building or structure, or a portion thereof, for storage that is not classified as a hazardous occupancy.

Moderate-hazard storage, Group S-1. Occupancies are buildings occupied for storage uses that are not classified as Group S-2, including, but not limited to: **Aerosol products Baskets Books Boots/shoes Cardboard Dry boat storage (indoor) Furniture Furs Lumber Self-service storage Sugar Tires,**

Low-hazard storage, Group S-2. Occupancies include buildings used for the storage of noncombustible materials such as products on wood pallets or in paper cartons. Group S-2 storage uses shall include, but not be limited to: **Cement in bags Electrical coils Electrical motors Empty cans Food products glass or ceramic containers Meats Metal cabinets Porcelain and pottery Stoves Washers and dryers**

General. Buildings and structures of an accessory character and miscellaneous structures not classified in any specific occupancy shall be constructed equipped and maintained to conform to the requirements of this code commensurate with the fire and life hazard incidental to their occupancy. Group U shall include, but not be limited to, the following: **Agricultural buildings Barns Carports Private garages Tanks**

602.2 Types I and II

Types I and II construction are those types of construction in which the building elements listed in

Table 601 are of noncombustible materials, except as permitted in Section 603 and elsewhere in this code

602.3 Type III

Type III construction is that type of construction in which the exterior walls are of noncombustible materials (see FTO 14) and the interior building elements are of any material permitted by this code

602.4 Type IV

Type IV construction is that type of construction in which the exterior walls are of noncombustible materials and the interior building elements are of solid wood, laminated wood, heavy timber (HT) or structural composite lumber (SCL) without concealed spaces.

602.5 Type V

Type V construction is that type of construction in which the structural elements, exterior walls and interior walls are of any materials permitted by this code.

TABLE 601
FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

BUILDING ELEMENT	TYPE I		TYPE II		TYPE III		TYPE IV	TYPE V	
	A	B	A	B	A	B		A	B
Primary structural frame ^f (see Section 202)	3 ^{a,b}	2 ^{a,b}	1 ^b	0	1 ^b	0	HT	1 ^b	0
Bearing walls									
Exterior ^{e,f}	3	2	1	0	2	2	2	1	0
Interior	3 ^a	2 ^a	1	0	1	0	1/HT	1	0
Nonbearing walls and partitions Exterior	See Table 602								
Nonbearing walls and partitions Interior ^d	0	0	0	0	0	0	See Section 2304.11.2	0	0
Floor construction and associated secondary members (see Section 202)	2	2	1	0	1	0	HT	1	0
Roof construction and associated secondary members (see Section 202)	1 ^{1/2} ₂	1 ^{b,c}	1 ^{b,c}	0 ^c	1 ^{b,c}	0	HT	1 ^{b,c}	0

READ THE FOOT NOTES IN THE CODE BOOK

Construction Types - Definitions

TYPE I-A--Fire Resistive Non-combustible (Commonly found in high-rise buildings and Group I occupancies).

- 3 Hr. Exterior Walls*
- 3 Hr. Structural Frame
- 2 Hr. Floor/Ceiling Assembly
- 1 ½ Hr. Roof Protection

TYPE I-B--Fire Resistive Non-Combustible (Commonly found in mid-rise office & Group R buildings).

- 2 Hr. Exterior Walls*
- 2 Hr. Structural Frame
- 2 Hr. Ceiling/Floor Separation
- 1 Hr. Ceiling/Roof Assembly

TYPE II-A--Protected Non-Combustible (Commonly found in newer school buildings).

- 1 Hr. Exterior Walls
- 1 Hr. Structural Frame
- 1 Hr. Floor/Ceiling/Roof Protection

TYPE II-B--Unprotected Non-Combustible (Most common type of non-combustible construction used in commercial buildings).

Building constructed of non-combustible materials but these materials have no fire resistance.

TYPE III-A--Protected Combustible (Also known as "ordinary" construction with brick or block walls and a wooden roof or floor assembly which is 1 hour fire protected).

- 2 Hr. Exterior Walls*
- 1 Hr. Structural Frame
- 1 Hr. Floor/Ceiling/Roof Protection

TYPE III-B--Unprotected Combustible (Also known as "ordinary" construction; has brick or block walls with a wooden roof or floor assembly which is not protected against fire. These buildings are frequently found in "warehouse" districts of older cities.)

- 2 Hr. Exterior Walls*
- No fire resistance for structural frame, floors, ceilings, or roofs.

TYPE IV--Heavy Timber (also known as "mill" construction; to qualify all wooden members must have a minimum nominal dimension of 8 inches.)

- 2 Hr. Exterior Walls*
- 1 Hr. Structural Frame or Heavy Timber
- Heavy Timber Floor/Ceiling/Roof Assemblies

TYPE V-A--Protected Wood Frame (Commonly used in the construction of newer apartment buildings; there is no exposed wood visible.)

- 1 Hr. Exterior Walls
- 1 Hr. Structural Frame
- 1 Hr. Floor/Ceiling/Roof

TYPE V-B--Unprotected Wood Frame (Examples of Type V-N construction are single family homes and garages. They often have exposed wood so there is no fire resistance.)



PHILIP D. MURPHY
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TRENTON, NJ 08625-0802



LT. GOVERNOR SHEILA Y. OLIVER
Commissioner

BULLETIN 98-1

Issued: January 1998
Subject: Rehab Subcode Matrix
Reference: N.J.A.C. 5:23-6

Matrix Summarizing Categories of Work and Applicable Requirements

	REPAIR 6.4	RENOVATION 6.5	ALTERATION 6.6	RECONSTRUCTION 6.7	CHANGE OF USE 6.31	ADDITION 6.32
Certain Materials Prohibited/Required (6.4 through 6.7)	✓	✓	✓	✓	✓ ^d	✓ ^e
Not Diminish Structural Strength, System Capacity (6.4 through 6.7)	✓	✓	✓	✓	✓ ^d	✓ ^e
Materials and Methods (6.8)		✓	✓	✓	✓ ^d	✓ ^e
New Building Elements -- Comply with UCC (6.9)			✓	✓	✓ ^d	✓ ^e
Basic Requirements ^a (6.10 through 6.30)			c	✓	To be determined according to Hazard Index ^d	✓ ^e
Supplemental Requirements ^b				✓	✓ ^d	✓ ^e
Special Change of Use Requirements					To be determined according to Hazard Index	

Notes:

- Apply only to the work area of the project.
- Apply to the work area of the project, but may apply beyond.
- Cannot reduce the level of compliance with the Basic Requirements. BULLETIN 98-1 Page 2 of 2
- Any other work voluntarily undertaken in connection with a change of use must comply with the requirements of the appropriate category.
- Work in the existing building must comply with the requirements of the appropriate category. The addition itself must comply with the subcodes for new construction and cannot extend the size of the building beyond the limits allowed by this Subcode

"Repair" means the restoration to a good or sound condition of materials, systems and/or components that are worn, deteriorated or broken using materials or components identical to or closely similar to the existing.

"Renovation" means the removal and replacement or covering of existing interior or exterior finish, trim, doors, windows, or other materials with new materials that serve the same purpose and do not change the configuration of space. Renovation shall include the replacement of equipment or fixtures.

"Alteration" means the rearrangement of any space by the construction of walls or partitions or by a change in ceiling height, the addition or elimination of any door or window, the extension or rearrangement of any system, the installation of any additional equipment or fixtures and any work which reduces the loadbearing capacity of or which imposes additional loads on a primary structural component.

"Reconstruction" means any project where the extent and nature of the work is such that the work area cannot be occupied while the work is in progress and where a new certificate of occupancy is required before the work area can be reoccupied. Reconstruction may include repair, renovation, alteration or any combination thereof. Reconstruction shall not include projects comprised only of floor finish replacement, painting or wallpapering, or the replacement of equipment or furnishings. Asbestos hazard abatement and lead hazard abatement projects shall not be classified as reconstruction solely because occupancy of the work area is not permitted.

"Change of use" means a change from one use to another use in a building or tenancy or portion thereof.

"Addition" means an increase in the footprint area of a building or an increase in the average height of the highest roof surface or the number of stories of a building

"Historic" Not defined in N.J.A.C 5:23-6

- 1.The construction official shall ensure that all necessary application forms are available to the public at the central permit office.
- 2.The following standardized forms established by the Commissioner are required for use by the municipal enforcing agency:

F100 Construction Permit Application
F101 Consent to Undertake Proposed Work
F102 Application for Annual Permit
F110 Building Subcode Technical Section
F120 Electrical Subcode Technical Section
F130 Plumbing Subcode Technical Section
F140 Fire Subcode Technical Section
F145 Mechanical Inspection Technical Section
F150 Elevator Subcode Technical Section
F155 Elevator Subcode Multiple Devices
F160 Application for a Variation
F170 Construction Permit, Required Inspection
F180 Construction Permit Notice
F190 Permit Update
F211 Notice of Violation and Order to Terminate
F212 Notice and Order of Penalty
F213 Notice of Violation and Order to Terminate
F214 Notice and Order of Penalty
F221 Inspection Sticker Approval for Building
F222 Inspection Sticker Approval for Electric
F223 Inspection Sticker Approval for Plumbing
F224 Inspection Sticker Approval for Fire Protection
F225 Inspection Sticker Approval for Elevator
F226 Inspection Sticker Approval for Mechanical
F230 Inspection Sticker Approval--Not Approved
F241 Notice of Unsafe Structure
F242 Notice of Imminent Hazard
F245 Notice to Vacate
F250 Stop Construction Order
F255 Stop Construction Notice
F260 Certificate
F270 Application for Certificate
F310 Elevator Inspection
F320 Elevator Notice
F325 Notice of Elevator Device Sealed Out of Operation
F326 Accident/Incident Report
F350 Cut-In Card
F360 Denial of Permit
F370 Chimney Verification for Replacement of Fuel Fired Equipment
F380 Hydraulic System Data Plate
F390 Framing Checklist
F391 Digital Alarm Communicator Transmitters
F392 Air Barrier and Insulation Checklist
F200 Inspection Notice
F280 T.C.O. Control Card
F290 Ongoing Inspections Control Card
F300 Ongoing Inspections Schedule
F375 Tickler/X-Ref Card

Did you know Variations are allowed in Code?

§ 5:23-2.9 Variations and exceptions (a)No variations or exceptions from the requirements of any subcode of these regulations may be made, except upon the following findings: 1.That strict compliance with any specific subcode provision, if required, would result in practical difficulty to such owner; and 2.That the exception, if granted, will not jeopardize the health, safety and welfare of intended occupants and the public generally. (b)Except as may be otherwise specified in this chapter, no variations shall be granted from any of the requirements of N.J.A.C. 5:23-2, 4 or 5.

§ 5:23-2.10 Applications for variations (a)An application for a variation pursuant to this section shall be filed in writing with the construction official and shall state specifically: 1.A statement of the requirements of the subcode from which a variation is sought; 2.A statement of the manner by which strict compliance with said provisions would result in practical difficulties; 3.A statement of the nature and extent of such practical difficulties; and 4.A statement of feasible alternatives to the requirements of the subcode which would adequately protect the health, safety and welfare of the occupants or intended occupants and the public generally.

§ 5:23-2.11 Review of variation applications Within 20 business days next succeeding the receipt by the construction official of the application, it shall be denied or granted by written order stating the reasons therefor. The application shall be deemed denied for purposes of appeal if no decision is forthcoming within such 20-day period. Records of all applications for variation, and actions taken thereon shall be available for public inspection at the enforcing agency during normal business Hrs.

§ 5:23-2.12 Final decision on variations The appropriate subcode official(s) shall make the final determination with respect to matters within their jurisdiction. The construction official shall notify the applicant of that determination. Whenever an application for a variation shall result in contradictory or inconsistent determinations by different subcode officials having jurisdiction pursuant to N.J.A.C. 5:23-3, the construction official shall rule as to which subcode official's determination shall be final, and shall notify the applicant of that ruling. Whenever the construction official shall be certified in a particular subcode, he may modify the determination of the subcode official.

PERMIT # _____

LOT: _____ BLOCK: _____

C. WALL FRAMING

1. EXTERIOR WALL FRAME:

1 ST	2 ND	3 RD	4 TH	FLOOR
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SIZE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SPACE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SPECIES AND GRADE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CUTTING, NOTCHING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AND BORING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HEADER SIZES
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JACK STUD BEARING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TOP PLATES
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NAILING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAPS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	RAPTER TIES
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HURRICANE STRAPS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(AS REQUIRED)

D. ROOF FRAMING

1. TRUSS ROOF FRAMING (AS PER DESIGN):

APPROVED DOCUMENTS WHICH SHOW:

<input type="checkbox"/>	<input type="checkbox"/>	LAYOUT PLANS
<input type="checkbox"/>	<input type="checkbox"/>	TRUSS MEMBERS
<input type="checkbox"/>	<input type="checkbox"/>	CONNECTION SCHEDULE
<input type="checkbox"/>	<input type="checkbox"/>	PERMANENT BRACING DETAILS
<input type="checkbox"/>	<input type="checkbox"/>	DORMERS/ROOF STRUCTURES ON
<input type="checkbox"/>	<input type="checkbox"/>	MANUFACTURER'S DRAWINGS
<input type="checkbox"/>	<input type="checkbox"/>	EQUIPMENT/APPLIANCES ON MAN-
<input type="checkbox"/>	<input type="checkbox"/>	UFACTURER'S DRAWINGS

☐ LOCATION AS PER LAYOUT

☐ ALIGNMENT

☐ BEARING

☐ SPACING

☐ CONNECTIONS TO BEARING POINTS

☐ NO CONNECTION TO NON-BEARING POINTS

☐ DAMAGE AND DEFECTS

☐ ENGINEERED METHOD OF REPAIR

E. SHEATHING

1. SHEATHING - EXTERIOR WALLS:

<input type="checkbox"/>	MATERIAL
<input type="checkbox"/>	<input type="checkbox"/> PANEL SPAN, THICKNESS
<input type="checkbox"/>	SPECIAL REQUIREMENTS
<input type="checkbox"/>	<input type="checkbox"/> GAPPING <input type="checkbox"/> LAYOUT
<input type="checkbox"/>	<input type="checkbox"/> CORNER BRACING (IF REQUIRED)

2. INTERIOR LOAD-BEARING WALLS:

1 ST	2 ND	3 RD	4 TH	FLOOR
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SIZE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SPACE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAYOUT - SUPPORT
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BELOW PER CODE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SPECIES AND GRADE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CUTTING, NOTCHING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AND BORING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FIRE BLOCKING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HEADER SIZES
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JACK STUD BEARING

TOP PLATES

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NAILING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAPS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	STRAPPING

2. PERMANENT TRUSS-TO-TRUSS BRACING

(AS PER DESIGN):

<input type="checkbox"/>	<input type="checkbox"/>	LAYOUT
<input type="checkbox"/>	<input type="checkbox"/>	SIZE
<input type="checkbox"/>	<input type="checkbox"/>	TYPE
<input type="checkbox"/>	<input type="checkbox"/>	NAILING
<input type="checkbox"/>	<input type="checkbox"/>	OVERLAP
<input type="checkbox"/>	<input type="checkbox"/>	TERMINATION
<input type="checkbox"/>	<input type="checkbox"/>	TRANSITION (I.E., CROSS) BRACING

3. GABLE END BRACING (AS PER DESIGN):

<input type="checkbox"/>	<input type="checkbox"/>	LAYOUT
<input type="checkbox"/>	<input type="checkbox"/>	SIZE
<input type="checkbox"/>	<input type="checkbox"/>	TYPE
<input type="checkbox"/>	<input type="checkbox"/>	NAILING
<input type="checkbox"/>	<input type="checkbox"/>	OVERLAP
<input type="checkbox"/>	<input type="checkbox"/>	TERMINATION

3. INTERIOR NON-LOAD-BEARING WALLS:

1 ST	2 ND	3 RD	4 TH	FLOOR
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SIZE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SPACE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SPECIES AND GRADE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CUTTING, NOTCHING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AND BORING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FIRE BLOCKING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HEADER SIZES
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TOP PLATE NAILING

4. SOLID SAWN ROOF FRAMING:

<input type="checkbox"/>	<input type="checkbox"/>	SIZE
<input type="checkbox"/>	<input type="checkbox"/>	GRADES, SPECIES
<input type="checkbox"/>	<input type="checkbox"/>	LAYOUT
<input type="checkbox"/>	<input type="checkbox"/>	SPACING
<input type="checkbox"/>	<input type="checkbox"/>	SPAN
<input type="checkbox"/>	<input type="checkbox"/>	BEARING
<input type="checkbox"/>	<input type="checkbox"/>	FASTENING
<input type="checkbox"/>	<input type="checkbox"/>	DAMAGE CAUSED BY FASTENERS
<input type="checkbox"/>	<input type="checkbox"/>	(RAFTERS NOT SPLIT BY TOENAILS)
<input type="checkbox"/>	<input type="checkbox"/>	CUTTING, NOTCHING, AND BORING
<input type="checkbox"/>	<input type="checkbox"/>	BRIDGING
<input type="checkbox"/>	<input type="checkbox"/>	RIDGE SIZE
<input type="checkbox"/>	<input type="checkbox"/>	HURRICANE TIES WHERE APPLICABLE

2. SHEATHING - ROOF:

<input type="checkbox"/>	MATERIAL
<input type="checkbox"/>	<input type="checkbox"/> PANEL SPAN, THICKNESS
<input type="checkbox"/>	SPECIAL REQUIREMENTS
<input type="checkbox"/>	<input type="checkbox"/> BLOCKING, EDGE (IF REQUIRED)
<input type="checkbox"/>	<input type="checkbox"/> CLIPS (IF REQUIRED)
<input type="checkbox"/>	<input type="checkbox"/> LAYOUT

SHEATHING, FRT - ROOF

☐ FOUR FEET FROM FIREWALL

☐ NONCORROSIVE FASTENERS

PERMIT # _____

LOT: _____ BLOCK: _____

AIR BARRIER AND INSULATION CHECKLIST

In the checklist below, **AB** and **I** stand for the *air barrier* and *insulation* inspection components to be verified. The local code official will always verify the **I** components. In the case where the local code official is not verifying the **AB** components, they may be verified by a person independent of the insulation installer, or by the use of a blower door test.

If the permit holder has elected use of a blower door test, documentation of test results verifying air leakage less than 3 air changes per hour when tested per RESNET/ICC 380, ASTM E 779 or ASTM E 1827 and reported at a pressure of 0.2 w.g. (50 Pa) shall be submitted with this checklist. A passing test demonstrates that the **AB** components are verified.

COMPONENT		CRITERIA	Y, N, or N/A	COMMENTS	INITIALS	DATE
Floors (including above-garage and cantilevered floors)						
General	I	Insulation is installed to maintain permanent contact with underside of subfloor decking.				
	AB	Air barrier is installed at any exposed edge of insulation.				
Rim joists	AB	Rim joists include an air barrier.				
	I	Rim joists are insulated.				
Walls						
General	I	Corners and headers are insulated.				
	AB	Junction of foundation and sill plate is sealed.				
Crawl space walls	I	Insulation is permanently attached to walls.				
	I	Exposed earth in unvented crawl spaces is covered with Class I vapor retarder with overlapping joints taped.				
Windows and doors	AB	Space between window/door jambs and framing is sealed.				
Garage separation	AB	Air sealing is provided between the garage and conditioned spaces.				
Plumbing and wiring	I	Insulation is placed between outside and pipes. Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation extends behind piping and wiring.				
Shower/tub on exterior wall	I	Showers and tubs on exterior walls have insulation.				
	AB	Showers and tubs on exterior walls have an air barrier separating them from the exterior wall.				
Electrical/phone box on exterior walls	AB	Air barrier extends behind boxes or air sealed-type boxes are installed.				
Ceiling/Attic						
Skylights	AB	Space between skylight framing is sealed.				

PERMIT # _____

LOT: _____ BLOCK: _____

COMPONENT		CRITERIA	Y, N, or N/A	COMMENTS	INITIALS	DATE
Ceiling/Attic		(continued)				
General	AB	Air barrier in any dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed.				
	AB	Attic access (except unvented attic), knee wall door, or drop down stair is sealed.				
Recessed lighting	I	Recessed light fixtures penetrating the thermal envelope are air tight, IC-rated, and sealed to drywall.				
Other/All						
Air barrier and thermal barrier	I	Exterior thermal envelope insulation for framed assemblies is installed in substantial contact and continuous alignment with building envelope air barrier.				
	AB	Breaks or joints in the air barrier are filled or repaired.				
	I	Air-permeable insulation is not used as a sealing material.				
	AB	Air-permeable insulation is inside of an air barrier.				
Shafts, penetrations	AB	Duct shafts, utility penetrations, knee walls and flue shafts opening to exterior or unconditioned space are sealed.				
Narrow cavities	I	Batts in narrow cavities are cut to fit, or narrow cavities are filled by sprayed/blown insulation.				
HVAC register boots	AB	HVAC register boots that penetrate building envelope are sealed to subfloor or wall/ceiling covering.				

CODE OFFICIAL: _____ SIGNATURE: _____ DATE: _____

NJ IECC/2018 Energy Efficiency Certificate for Low-rise Residential Dwellings*		
Address:		Permit #:
Insulation Rating <i>(batt, spray, blown, continuous, other)</i>		R-value
Ceiling/Roof		
Above Grade Wall: framed ; mass		
Floor: over unconditioned space ; slab		
Crawlspace Wall		
Foundation/Basement Wall		
Ductwork (unconditioned spaces)		
Fenestration Rating		U-factor SHGC
Window		
Skylight		
Door		
Heating & Cooling Equipment	Type <i>(Oil, Gas, Electric, other)</i>	Efficiency <i>(AFUE, EER/SEER, HSPF, other)</i>
Furnace		
Heatpump		
Boiler		
Cooling System		
Water Heater		
Other		
Renewables (type of system)		
Other Energy Efficiency Equipment		
Builder or Design Professional Certification		
Name:		Date:
Registration/License Number:		
Comments		
* This is a generic certificate and some items listed above may not be applicable to this specific design when initially constructed; please leave those items blank.		

The inspection of work done in **commercial buildings** has not changed. The inspection includes, but is not limited to, verifying that:

- (1) The insulation specified on the plans is the insulation installed,
- (2) The lighting fixtures and associated controls specified on the plans are installed,
and
- (3) The mechanical systems, associated controls and associated insulation specified on the plans are installed.

HELPFUL HINTS

REMEMBER TO SAY THE SAME THING, EACH TIME,
EVERY TIME AND TO EVERYBODY !

YOU ARE A STATE LICENSED PROFESSIONAL:

- Be polite
- Act professional
- Read the plans, specifications and manufacture's installation instructions as applicable to understand the correct installation
- Research a matter if you're not sure of the answer
- Ask for help from your Subcode Official or Construction Official
- You may be in someone's home, So Wear Booties
- Pay attention to your personal hygiene
- Return phone calls and Emails
- Site the Code Text if the inspection is a Non-Approval
- Don't make things up
- Take your time on inspection (1) one thing at a time
- Don't let people distract you, stay focused
- Take good notes, document, document, document
- Remember you may be on camera
- Read your Code Books
- Do not take anything from anybody

GO TO
SCHOOL

RUTGERS

Continuing Studies

Continuing Education Seminars

USE THE LANGUAGE
TRANSLATION FEATURE ON YOUR
SMART PHONE AS NEEDED



WITH PERMISSION USE
FACETIME TO SHOW YOUR
SUBCODE ITEMS YOUR NOT SURE
ABOUT ON AN INSPECTION

Department of Community Affairs
Division of Codes and Standards/Bureau of Code Services
Licensing & Education Unit

Community College Contact List

College	Registration	Website	Coordinator(s)	Phone Number
Atlantic Cape	609-343-5655	www.atlantic.edu	Melissa Hatty mhatty@atlantic.edu	609-343-5658
Bergen	201-447-7488 X4	www.bergen.edu	Cinzia D'Iorio cdiorio@bergen.edu	201-447-7466
Brookdale	732-224-2813	www.brookdalecc.edu	Susan Pagano SPagano@brookdalecc.edu	732-224-2813
Camden	856-374-4955	www.camdencc.edu	Melanie Monturano mmonturano@camdencc.edu	856-227-7200 x1-4273
Essex	973-877-6590	www.essex.edu	Elvy Vieira vieira@essex.edu	973-877-1912
Mercer	609-570-3311	www.mccc.edu	Katie Calabrese, calabrek@mccc.edu	609-570-3278
Middlesex	732-906-7740	www.middlesexcc.edu	Lynn Lederer llederer@middlesexcc.edu	732-906-7740
Ocean	732-255-0404	www.ocean.edu	Karen Albrecht kalbrecht@ocean.edu	732-255-2094
Union	908-709-7600	www.ucc.edu	Lisa Hiscano Lhiscano@ucc.edu	908-709-7600 x3
Warren	908-689-7613	www.warren.edu	Barbara McFarlane bmcfarlane@warren.edu	908-835-2331

Mandatory Exams for UCC Inspector's Licenses According to Level Provided by Prometric and Promissor

License		Required Exams (Numbers and Names)			
Area	Level	NCPCCI* offered through Prometric (800-864-5309) www.prometric.com/NewJersey		International Code Council** offered through Promissor (888-422-7233) www.iccsafe.org	
		#	Name	#	Name
B u i l d i n g	RCS	1A	Building, One- and Two-Family	B1	Residential Building Inspector
		4A	Mechanical, One- and Two-Family	M1	Residential Mechanical Inspector
	ICS	1B	Building, General	B2	Commercial Building Inspector
		4B	Mechanical, General	M2	Commercial Mechanical Inspector
	HHS	1C	Building, Plan Review	B3	Building Plans Examiner
E l e c t r i c a l	ICS	2A	Electrical, One- and Two-Family	E1	Residential Electrical Inspector
		2B	Electrical, General	E2	Commercial Electrical Inspector
	HHS	2C	Electrical, Plan Review	E3	Electrical Plans Reviewer
F i r e P r o t e c t i o n	ICS	3B	Fire Protection, General	None Available	
		4A	Mechanical One – and Two-Family	M1	Residential Mechanical Inspector
	HHS	3C	Fire Protection, Plan Review	None Available	
P l u m b i n g	ICS	5B	Plumbing, General	None Available	
		4B	Mechanical, General	M2	Commercial Mechanical Inspector
	HHS	5C	Plumbing, Plan Review	None Available	
E l e v a t o r	HHS	6B	Elevator, General	None Available	
M e c h a n i c a l	N/A	4A	Mechanical, One – and Two-Family	M1	Residential Mechanical Inspector
		4B	Mechanical, General	M2	Commercial Mechanical Inspector

* NCPCCI is National Certification Program for Construction Code Inspectors

** ICC is International Code Council



NEW JERSEY

Uniform Construction Code

Municipal Procedures Manual

Revised March 2018

HOW THINGS WORK TOGETHER

Uniform Construction Code

Construction Official Commentary

State of New Jersey

Philip D. Murphy, Governor

Department of Community Affairs

Lt. Governor Sheila Y. Oliver, Commissioner

Publish date: January, 2008

WHEN YOU'RE REALLY STUCK... LOL

*** BULLETINS, FTO'S, ***

CODE COMMUNICATOR ARTICLES,
MUNICIPAL PROCEDURES MANUAL
AND THE CONSTRUCTION OFFICIAL
COMMENTARY ARE
ALL VALUABLE RESOURCES

GO FIND THEM AND READ THEM

Formal Technical Opinions

Formal technical opinions are issued to clarify provisions of the adopted subcodes and are binding upon code enforcement agencies.

<u>FTO-3</u>	Revised, Oct. 2016	Fire Escapes
<u>FTO-4</u>	Code Ref. Update, June 2006	Exemption from Floor Drain Requirement for Gas Stations
<u>FTO-5</u>	Code Ref. Update, Feb. 2016	Emergency Escape Windows (New Construction and Additions)
<u>FTO-7</u>	Code Ref. Update, Feb. 2016	Backflow Preventers for Fire Protection Installations
<u>FTO-12</u>	Code Ref. Update, Jan. 2011	Permissible Penetrations in Roof Assemblies for Residential Use Groups
<u>FTO-13</u>	Code Ref. Update, Sept. 2019	Fire Separation between Dwelling Units and Attached Private Garages
<u>FTO-14</u>	Code Ref. Update, Oct. 2007	Materials Permitted in Exterior Walls in Type III (Type 3) Construction

Bulletins

Bulletins are issued to provide advice to code enforcing agencies, builders, and designers when it is found that an issue that is in need of clarification is adequately dealt with by existing rules and that rulemaking is not appropriate or necessary.

<u>No. 19-3</u>	Issued, Sept. 2019 (Supersedes Bulletin No. 15-2)	Adopted Codes, Standards and Recommended Practices Referenced Under Informational Notes of the National Electrical Code 2017
<u>No. 19-2</u>	Issued, Sept. 2019 (Supersedes Bulletin No. 15-4)	Energy Subcode Compliance (includes Form 392)
<u>No. 19-1</u>	Issued, Sept. 2019 (Supersedes Bulletin Nos. 94-8, 03-4 and 05-2)	Design Loads for Ground Snow, Wind and Seismic
<u>No. 15-4</u>	Issued, Dec. 2015 (Supersedes Bulletin No. 11-1) Withdrawn as of 03/2020	Energy Subcode Compliance (includes Form 392)
<u>No. 15-3</u>	Issued, Dec. 2015	Group Classifications for Residential and Institutional Occupancies
<u>No. 15-2</u>	Issued, Sept. 2015 (Supersedes Bulletin No. 12-1) Withdrawn as of 03/2020	Adopted Codes, Standards and Recommended Practices Referenced Under Informational Notes of the National Electrical Code 2014
<u>No. 15-1</u>	Issued, July 2015	Liquid Carbon Dioxide (CO ₂) Carbonated Beverage Systems
<u>No. 14-3</u>	Issued, Nov. 2014	Jurisdiction Over Site Work
<u>No. 14-2</u>	Code Ref. Update, Feb. 2016	Use of NFPA 14 Manual Wet Fire Standpipes
<u>No. 14-1</u>	Code Ref. Update, Feb. 2016	New One- or Two-Family Dwellings Installing NFPA 13D or P2904 Instead of NFPA 13R Sprinkler Systems
<u>No. 13-1B</u>	Revised, June 2015	Pile Foundation Design Issues in Flood Hazard Areas for One- and Two-Family Dwellings

<u>No. 13-1A</u>	Issued, May 2013	Elevating Existing Houses
<u>No. 11-3</u>	Issued, May 2011	Antifreeze in New Residential and Commercial Fire Sprinkler Systems-NFPA 13, 13D or 13R
<u>No. 11-2</u>	Issued, Apr. 2011	Fire Alarm Transmission Channels and Managed Facilities Voice Networks
<u>No. 09-1</u>	Code Ref. Update, Sept. 2019 (Supersedes Bulletin No. 04-1)	Permit Requirements for LP-Gas Systems
<u>No. 07-3</u>	Revised, June 2015	Ice Dam Membrane/Ice Barrier
<u>No. 07-1</u>	Revised, Aug. 2019	Premanufactured Construction
<u>No. 06-1</u>	Issued, Feb. 2006	Work Performed Without Permits
<u>No. 05-2</u>	Revised, Dec. 2015 Withdrawn as of 03/2020	Seismic Hazard Maps
<u>No. 05-1</u>	Code Ref. Update, Sept. 2008	Issuance of Notice of Violation After Issuance of Certificate of Occupancy and Transfer of Title
<u>No. 04-2</u>	Revised, Dec. 2019 (Supersedes Bulletin No. 95-3)	Oxford House
<u>No. 03-5</u>	Revised, Sept. 2019	Special Inspections
<u>No. 03-4</u>	Revised, Dec. 2015 Withdrawn as of 03/2020	Wind Speed Map
<u>No. 03-3</u>	Revised, Apr. 2013	Public Access to Building Plans
<u>No. 02-2</u>	Revised, Apr. 2008	Availability of Concrete-Encased Electrodes
<u>No. 02-1</u>	Issued, Jan. 2002	Affordable Housing
<u>No. 01-2</u>	Code Ref. Update, Feb. 2016	Temporary Certificates of Occupancy
<u>No. 01-1</u>	Issued, May 2001	Railroad Facilities and Superfund Sites

<u>No. 00-3</u>	Revised, Jan. 2014 (Supersedes Bulletin No. 91-3)	Public Schools - Plan Review Procedure, Facility Planning Standards, and UCC Enhancements
<u>No. 99-3</u>	Revised, Sept. 2019	Carbon Monoxide Alarms
<u>No. 99-2</u>	Revised, Oct. 2008	Testing of Backflow Preventers
<u>No. 99-1</u>	Revised, Dec. 2020	Periodic Electrical Inspections, and "Bonding and Grounding" Certificates for Swimming Pools, Spas, and Hot Tubs
<u>No. 98-4</u>	Code Ref. Update, Apr. 2006	Site Lighting Installations by Utilities
<u>No. 98-3</u>	Revised, Sept. 2019	Health Care Facilities Plan Review
<u>No. 98-1</u>	Issued, Jan. 1998	Rehab Subcode Matrix
<u>No. 97-1</u>	Issued, Oct. 1997	Development, Fire Safety, and Prior Approvals
<u>No. 96-3</u>	Issued, Dec. 1996	Prior Approval for Septic Systems
<u>No. 96-2</u>	Code Ref. Update, Sept. 2019 (Supersedes Bulletin No. 79-9)	Signing and Sealing of Construction Documents
<u>No. 96-1</u>	Issued, Apr. 1996	Contractor Pricing
<u>No. 95-2</u>	Issued, Sept. 1995	Elder Cottage Housing Opportunities (ECHO) Units
<u>No. 95-1D</u>	Revised, Sept. 2017 (Supersedes Bulletin No. 88-8)	Removal/Abandonment of Underground Storage Tanks Regulated by DEP
<u>No. 95-1C</u>	Revised, Sept. 2017	Installation of Underground Storage Tanks Regulated by DEP
<u>No. 95-1B</u>	Revised, Sept. 2017 (Supersedes Bulletin Nos. 88-3, 91-4 and 93-1)	Removal/Abandonment of Residential Heating Oil Tanks and Other Heating Oil Tanks Under 2001 Gallons
<u>No. 95-1A</u>	Revised, Sept. 2017 (Supersedes Bulletin No. 92-2)	Installation of Residential Heating Oil Tanks and Other Heating Oil Tanks Under 2001 Gallons

<u>No. 95-1</u>	Revised, Sept. 2017	Flammable and Combustible Liquid Storage Tanks
<u>No. 94-10</u>	Code Ref. Update, Sept. 2019	Standard Forms and Fees
<u>No. 94-9</u>	Code Ref. Update, Jan. 2016 (Supersedes Bulletin Nos. 81-2 and 90-4)	Accepted Engineering Practice
<u>No. 94-8</u>	Revised, Dec. 2015 (Supersedes Bulletin No. 81-9) Withdrawn as of 03/2020	Ground Snow Loads
<u>No. 94-7</u>	Revised, July 2016	Plans for Elevator Devices
<u>No. 94-6</u>	Code Ref. Update, Feb. 2006 (Supersedes Bulletin No. 88-5)	Fire Alarm Systems
<u>No. 94-4</u>	Code Ref. Update, Oct. 2007 (Supersedes Bulletin Nos. 79-5 and 83-6)	Partial Plan Filing and Approval
<u>No. 94-3</u>	Code Ref. Update, Feb. 2006	Permit Documentation
<u>No. 94-2</u>	Code Ref. Update, Sept. 2019	Emergency Operation of Elevators
<u>No. 94-1</u>	Revised, Apr. 2008 (Supersedes Bulletin No. 90-6)	Sizing of Gas Piping
<u>No. 93-7</u>	Code Ref. Update, Sept. 2019	Temporary Construction in Campgrounds
<u>No. 93-5</u>	Code Ref. Update, Feb. 2014	Renovations and Demolitions Involving Asbestos
<u>No. 93-4</u>	Revised, Feb. 2006	Radon Hazard Subcode and Radon Mitigation Work in Existing Buildings
<u>No. 93-3</u>	Code Ref. Update, Jan. 2016	Cathodic Protection of Gas Piping

<u>No. 93-2</u>	Revised, Feb. 1997	Leased Structures
<u>No. 91-2</u>	Code Ref. Update, Sept. 2019	Compliance with Requirements of the Soil Erosion and Sediment Control Act
<u>No. 90-8</u>	Code Ref. Update, Dec. 2005	Alterations Mandated by Other Codes
<u>No. 90-7</u>	Code Ref. Update, Jan. 2016	Churches and Houses of Worship, Mixed-Use Occupancy
<u>No. 90-5</u>	Issued, Dec. 1990	Placement of Gas Piping Inspection Stickers
<u>No. 90-3</u>	Code Ref. Update, Sept. 2019	Gypsum Wallboard Classification
<u>No. 88-10</u>	Code Ref. Update, Mar. 2008	Private On-Site Water Supply Systems
<u>No. 88-2</u>	Revised, Dec. 1994 Withdrawn as of 08/2019	Manufactured Housing
<u>No. 88-1</u>	Code Ref. Update, Sept. 2019	Electric Utility Company Installations
<u>No. 85-4</u>	Code Ref. Update, Nov. 2005	Inspection of Gas Piping and Appliance Installations
<u>No. 81-7</u>	Code Ref. Update, Oct. 2007	Plans/Sketches for the Upgrade and Installation of Smoke Alarms in Hotels and Multiple Dwellings
<u>No. 80-6</u>	Code Ref. Update, Jan. 2016 Withdrawn as of 08/2019	Manufactured Homes
<u>No. 80-5</u>	Revised, Sept. 2019	Proper Utilization of Temporary Power Taps
<u>No. 79-7</u>	Revised, Sept. 2019	Septic Systems
<u>No. 79-6</u>	Code Ref. Update, Mar. 2014	Hotel and Multiple Dwelling Security Requirements
<u>No. 79-2</u>	Revised, July 2016	Testing of Plumbing Systems
<u>No. 79-1</u>	Revised, Apr. 2008	Prior Approvals for Potable Water Wells

Construction Code Communicator

The Construction Code Communicator (CCC) is a newsletter produced periodically by the Division. It contains articles on topics of current interest to local code officials, architects, engineers, builders, electricians, plumbers and others undertaking projects regulated by the State's Uniform Construction Code.

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(see Summer 2021 for "Post Superstorm Sandy Increased Cost of Compliance Deadline")

Construction Code Communicator

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CODE (as adopted by NJAC 5:23) as of 9-3-19

BUILDING SUBCODE (NJAC 5:23-3.14)

International Building Code/2018, NJ ed (IBC w/ NJ edits from 3.14)

- * Corrected pages (NJ errata)
- * Corrected sections (ICC errata)

Other referenced I-Codes (IFC/2018; ISPSC/2018; etc.)

Other referenced ICC Standards (ICC/ANSI A117.1-2009; ICC 300-2017; etc.)

PLUMBING SUBCODE (NJAC 5:23-3.15)

National Standard Plumbing Code/2018, NJ ed (NSPC w/ NJ edits from 3.15)

ELECTRICAL SUBCODE (NJAC 5:23-3.16)

National Electrical Code (NFPA 70)/2017

(link provides access to all NFPA standards)

MECHANICAL SUBCODE (NJAC 5:23-3.20)

International Mechanical Code/2018

ONE- AND TWO-FAMILY DWELLING SUBCODE (NJAC 5:23-3.21)

International Residential Code/2018, NJ ed (IRC w/ NJ edits from 3.21)

- * Corrected pages (NJ errata)
 - * Corrected sections (ICC errata)
- Other referenced I-Codes (ISPSC/2018; etc.)

FUEL GAS SUBCODE (NJAC 5:23-3.22)

International Fuel Gas Code/2018

REHABILITATION SUBCODE (NJAC 5:23-6)

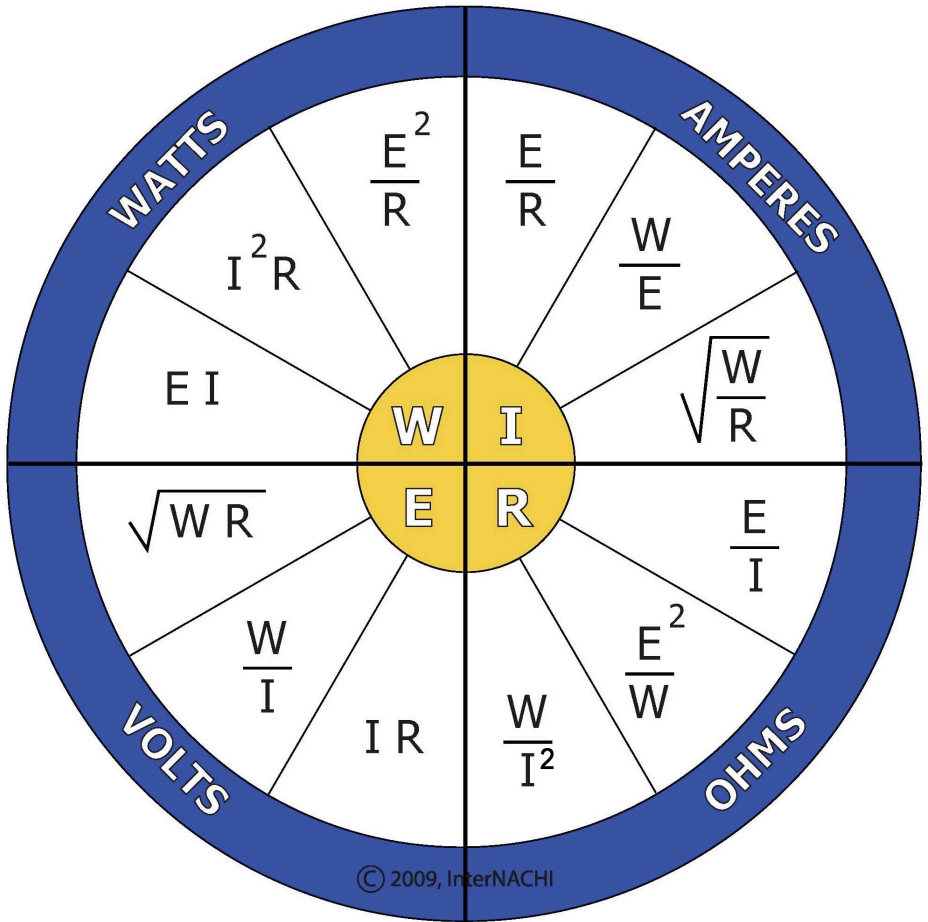
NJUCC, Subchapter 6

BARRIER FREE SUBCODE (Chapter 11 of IBC/2018 & NJAC 5:23-7)

ICC/ANSI A117.1-2009

ELEVATOR SUBCODE (NJAC 5:23-12)

Ohm's Law



PUBLIC SERVANT: *noun*

A person holding a government office or job by election or appointment; person in public service.



Inspections are like the
"Wheel Of Insanity"

You never know what you may have to
deal with Technically or Administratively

Words of Wisdom's from your Elders

I asked seasoned Code Professional in N.J. "If you had the chance, what would you like to tell a brand new UCC Inspector?"
This is what they are all saying to you, please listen

PURSUE EXCELLENCE

Remember to say the Same Thing, Each time, Every time and to Everybody

If you can't "Cite It, you can't Write It"

If you're not sure of a correct answer to a circumstance, it is acceptable to tell the responsible person in charge that you will research the proper answer and continue the discussion, Do Not Make Things Up

All Roads Start at the Uniform Construction Code

Life Safety First

Read and Rely on The Definitions in the Code

Be professional, respectful; and courteous to everyone,
you never know who you are speaking to

Be a good listen, remember there is more than one
side to any story, get the facts

Do not Abuse your Authority, Remember Where You Came From
and Be Thankful for Where You Are

When a homeowner is upset because on a Non-approval, remind them,
the service that you provide and that they paid for is for there protection

Put aside your personal ego and just perform the inspection

Get involved with the different Code Organizations,
stay connected, make a difference

Don't carry a bad experience from a previous inspection into your next

We are a service driven business, provide outstanding customer service

Keep learning, Keep growing, follow the UCC, the adopted Subcodes, and always apply the intent and purpose of the code

When we do our jobs right, nothing bad every happens

Definition + Intent = Good Code Compliance

Live in the past (codes) you will sink

Live for today you will tread water

Live for tomorrow and you will sail to new heights

Be consistent, even if you unknowingly wrong, be consistent

Document, Document, Document

Be reasonable, use good sound judgement, be consistent,
Enforce the Intent of the Act and Regulations and Never Stop Learning

You can walk the easy path of a job or walk the more difficult path
of a career, choose a career. Follow a Career and the Hard choices
that come with that choice Instead of Just Having a Job

Success is not measured by how many inspections
you fail, rather by how many people you help in the
process to avoid such failure

If you are technically correct in the decision you are making, stand your
ground even if your answer is unpopular

Be a Student of The Code

You must be able to be a leader of yourself before you can lead others

Introduce yourself, be respectful, listen more, talk less, be thorough, be
methodical, be concise, be fair and read the UCC often.

If you're not constantly learning, then you're doing something wrong

The greatest virtue of a Code Official is to have Utmost Integrity, be an
Effective Communicator and Most Importantly be a Life Learner Due to the
Significant Product System Changes & Code Related Changes that Occur

Our best to you and your Career

CONTACTS:

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This image shows a full page of blank handwriting practice paper. It features 20 evenly spaced horizontal blue lines across the entire page, providing a guide for letter height and placement. The lines are consistent in color and thickness throughout.

[illegible]

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