CODEWORD ©

THE OFFICIAL NEWSLETTER OF THE BOARD OF BUILDING REGULATIONS & STANDARDS

~January 2001~

BBRS APPROVES EMERGENCY REGULATIONS ADDRESSING ABANDONED OR DANGEROUS BUILDINGS

At its regular meeting of December 12, 2000 the BBRS approved by emergency action a series of regulations for the boarding up of abandoned buildings. The amendments were requested by State Fire Marshal Stephen Coan as a result of a series of task force meetings following the tragic Worcester Cold Storage Warehouse Fire of December 3, 1999. The emergency promulgation allows the Board to make the changes effective immediately. The Board of Fire Prevention Regulations also filed companion regulations in the State Fire Prevention Code which were made effective the same day. Both sets of regulations became effective December 12, 2000. The text of the amendment to each code follows:

780 CMR Massachusetts State Building Code
Amend 780 CMR § 121 by adding two new subsections: (1) 121.7 and (2) 121.8.

780 CMR 121.7 Standards for making buildings safe or secure: Any owner of a building who has been notified that said building shall be made safe or secure under 780 CMR 121.2, or any building official acting under the authority of 780 CMR 121.3 or 121.5 upon refusal or neglect of said owner to comply with such notice, shall:

(1) Remove all hazardous materials, as defined in M.G.L. c. 21K s.1, from the building until such time as the building is secured or reoccupied unless storage is lawfully permitted and the building is equipped with an automatic sprinkler system which is maintained and fully functional.

(2) Remove all combustible materials unless the building is equipped with an automatic sprinkler system which is maintained and fully functional. Combustible materials shall include any fixture not permanently attached.

(3) Remove all materials determined by the head of the fire department or local building inspector to be hazardous in case of fire.

(4) Secure all floors accessible from grade utilizing one of the following methods so long as such method is approved by the head of the fire department and local building inspector in writing:

(a) Secure all window and door openings in accordance with the U.S. Fire Administration, National Arson Prevention Initiative Board Up Procedures, continuously until such time as the building is reoccupied; or

(b) Provide 24 hour watchman services, continuously until such time as the building is reoccupied; or

(c) Provide a monitored intruder alarm system at the perimeter of all floors accessible from grade, continuously until such time as the building is reoccupied.

Said owner, as the case may be, shall notify the building official that the approved method chosen to secure the building has been incorporated. Said owner shall allow the building official to enter the building for an inspection to ascertain that the building is secured and made safe. Said owner shall allow the head of the fire department to enter the building. The building official shall be supplied with records of maintenance and operation if the provisions in clause 4 (b) or (c) are used.

(5) Maintain any existing fire alarms or sprinkler systems unless written permission is obtained from the head of the fire department in accordance with M.G.L. c. 148, § 27A to shut off or disconnect said alarms or systems.

(6) Maintain utilities unless written permission is obtained from the building official to disconnect said utilities. Permission to disconnect utilities shall not be granted if it will result in inadequate heat to prevent freezing of an automatic sprinkler system or inadequate utilities to maintain any other protection systems.

Any building which has been made to conform to the provisions of this regulation during vacancy may be reoccupied under its original use and occupancy classification, provided that any systems which were disconnected or shut down during the period of vacancy are restored to fully functional condition. The local building inspector shall be notified in writing prior to re-occupancy. If said building is changed in use or occupancy or otherwise renovated or altered it shall be subject to the applicable provisions of 780 CMR 34.

780 CMR 121.8: Marking or identifying certain buildings that are especially unsafe in the case of fire. Any building official who determines that a building is especially unsafe in case of fire under 780 CMR 121.2, shall notify the head of the fire department about the existence of said building. The building official, in cooperation and the with the head of the fire department, shall mark said building in accordance with the marking requirements established by the Board of Fire Prevention Regulations in 527 CMR 10.00.

AMENDMENTS TO 527 CMR 10.00 FIRE PREVENTION, GENERAL PROVISIONS

(1) 527 CMR 10.13 is hereby further amended by adding, after section 10.13 (6), the following new section:

10.13: Emergency Planning and Preparedness

(7) Marking or identifying certain buildings that are especially unsafe in the case of fire

(a) Any building determined to be especially unsafe in case of fire, under the provisions of 780 CMR 121.2 shall be identified and marked by the building official, with the cooperation of the head of the fire department, to indicate the degree of hazard.

(b) In marking such buildings, the following symbols shall be used:

This symbol shall mean that interior hazard exists to such a degree that interior operations shall be conducted with extreme caution.

This symbol shall mean that severe structural deficiencies or severe interior deficiencies exist to such a degree that operations shall be from the outside except for when a life hazard exists.

(c) Markings shall be applied on the front of the building at or above the second floor level, where practical, between openings such that they are visible from the street. Markings may be applied to the sides or the rear of a building if the head of the fire department deems such placement necessary. Markings shall also be applied in a conspicuous place near every entrance and on penthouses. Markings shall not be applied over doors, windows, or other openings where they may be obscured by smoke or fire.

(d) Markings shall be a minimum of 24 inches by 24 inches. Markings shall either be on a placard with a reflective background or painted with a reflective paint of contrasting color directly on the surface of the building. Stripes and borders outside of the marking shall be a minimum of 2 inches wide.

(e) All markings shall bear a date as to when applied or the date of the most recent inspection.

(f) Prior to receiving a mark, all buildings shall be inspected thoroughly by the head of the fire department.

BBRS MEETING SCHEDULE - 2001

All Meetings are on Tuesdays at 1:00 p.m

Date	Location
January 9	Wellesley
February 13	Wellesley
March 13	Wellesley
April 10	Wellesley
May 8	Boston (Public Hearing)
June 12	Wellesley
July 10	Wellesley
August 14	Wellesley
September 11	Wellesley
October 9	Wellesley
November 13	Boston (Public Hearing)
December 11	Wellesley

Boston – One Ashburton Place

Wellesley – National Guard Armory, 14 Minuteman Lane

LICENSED CONSTRUCTION SUPERVISOR DISCIPLINARY ACTIONS

Licensee	CSL #	Disciplinary Action Taken
Roger Gagnon, Sr. 15 Mann Street Bellingham, MA	29073	License suspended for 6 MONTHS effective October 17, 2000. Licensee may re-apply after 6 months on condition that all code violations have been corrected.
John M. Daniels 155 Lanesboro Rd. Cheshire, MA	29491	License suspended for ONE YEAR effective October 17, 2000. Licensee may re apply for license after one year and after successfully passing the Construction Supervisor License Examination.
Edward Faneuf 21 South Main Street Templeton, MA	56550	License suspended for a minimum of 3 MONTHS effective October 17, 2000. Licensee may re-apply after 3 months on condition that all code violations have been corrected
Wayne Whatmough 470 Towne Street North Attleboro, MA	21319	License suspended indefinitely effective October 17, 2000. Licensee may apply for reinstatement after all work performed and approved by local building department and after licensee has successfully passed the Construction Supervisor License Examination.
Philip Sirois, Jr. 243 Main Street Amesbury, MA	63707	License suspended indefinitely effective November 28, 2000 – must contact License Review Committee prior to reinstatement.
Brian Jamieson 4051 Center Street RFD #2 Palmer, MA	69772	License suspended until code violations corrected – effective November 28, 2000.
Dean Todd PO Box 2020 Lanesboro, MA	45717	License suspended for TWO YEARS effective November 28, 2000 - must contact license review committee as a condition of reinstatement.

HOME IMPROVEMENT CONTRACTOR DISCIPLINARY ACTIONS

NAME & ADDRESS	HIC REGISTRATION NUMBER	DECISION
James Munger Munger Remodeling, Inc. 833 Central Avenue Suite #1 Pawtucket, RI 02861	127430	(Default) REVOKED - $1200 administrative penalty
Roland Deslauriers, Jr. Central Construction Co. 209 Everett Street Middleboro, MA 02346	106305	SUSPENDED - Must submit new contract and submit income statement to Office of Consumer Affairs and Business Regulation.
Steven Morrison Morrison's Home Improve. 674 North Street Pittsfield, MA 01201	100983	SUSPENDED – three months (6/4/00 – 9/24/00)
William Goddard Apple Country Contractors 2 Stow Road Boxboro, MA 01719	106172	REVOKED - $2000 administrative penalty – refer to License Review Committee.
Robert Miller Home Repair & Remodeling, Inc. 62 Neponset Heights Avenue Foxboro, MA 02035	115861	REVOKED - $500 administrative penalty
Benjamin Daley Recovery Home Improve. Co. 7 Charolotte Court Franklin, MA 02038	106330	REVOKED (see also #127378)
7 Maple Street Buzzards Bay, MA 02532 42 Washington Ave Buzzards Bay, MA 02532	127378	SUSPENDED – $500 administrative penalty – must submit new contract

John Murphy 8 Gallagher Drive Plymouth, MA 02360	126486	(Default) REVOKED - $5000 administrative penalty
Michael Smith 16 Sconticut Road #227 Fairhaven, MA 02179	113705	(Default) REVOKED - $1000 administrative penalty
Gerard Dufault G.D. Homeworks 75 Bayview Avenue Berkley, MA 02779	120625	REVOKED - $500 administrative penalty
Milan Whitaker Eastcon Construction PO Box 43/ 96 Eagle Street Bridgewater, MA 02324 1261 Church Street New Bedford, MA 02745	115363	(Default) REVOKED - $800 administrative penalty
Michael Strom Kingsbridge, Inc. 346 Washington Street Braintree, MA 02184 10 Mazzeo Drive Randolph, MA 02368	125914	(Default) REVOKED - $400 administrative penalty
James Barry JLB Construction, Inc PO Box 106/ 22 Gunrock Rd Hull, MA 02045 125 St. Botoplph Street Boston, MA 02116	101859	(Default) REVOKED - $2000 administrative penalty
~~Michael Lounge~~ Leisure Time Pool & Spa 2296 Washington Street E. Bridgewater, MA 02333 42 Washington Ave Buzzards Bay, MA 02532	116473	(Default) REVOKED - $900 administrative penalty – must reimburse Guaranty Fund
William Landry B & B Custom Building, Inc. 34 Blueberry Road Humarock, MA 02047 167 Washington Street #1 Norwell, MA 02061	110876	REVOKED - must reimburse Guaranty Fund
Johnny Dane Ashley's Dependable Quality Roofing 22 Harvard Street Pembroke, MA 02359 16 Juniper Road Apt 15A N. Attleboro, MA 02760	123401	(Default) REVOKED - $200 administrative penalty – must reimburse Guaranty Fund
Michael Quigley D & M Home Improvement 66 Freemont Street Taunton, MA 02780	107119	SUSPENDED – must reimburse Guaranty Fund and then apply for reconsideration

Raymond Romano Raymond Romano Home Improvement, Inc. 98 Stevens Street Revere, MA 02151 91 Rummey Road Revere, MA 02151	121092	(Default) REVOKED - $1000 administrative penalty – must reimburse Guaranty Fund
Vincent Aiello AC Construction Co., Inc. PO Box 150/ 19 Arbor Court E. Walpole, MA 02032	103746	(Default) REVOKED - $800 administrative Penalty – must reimburse Guaranty Fund
Anthony Robinson T & S Masonry 15 Edgewood Street Roxbury, MA 02119	120964	(Default) REVOKED - $700 administrative penalty – must reimburse Guaranty Fund
Kyle Buckminster BCC Corp. 47 Davidson Rd., P.O. Box 2111 Framingham, MA 01701	126121	(Default) REVOKED - $5000 administrative Penalty – must reimburse Guaranty Fund and homeowner

BUILDING OFFICIALS ASSOCIATIONS ELECT NEW OFFICERS

Congratulations to the newly elected presidents of the three building officials associations.

Massachusetts Building Commissioner and Inspectors Association	Bruce Austin, Town of Greenfield
South East Massachusetts Building Officials Association	David R. Moore, Town of Bridgewater
Building Officials of Western Massachusetts	Steven Houle, Town of Ludlow

CONGRATULATIONS RON WETMORE

The BBRS and staff extend congratulations to Ron Wetmore, Building Commissioner of Bedford, on his recent election to the Board of Directors of the Building Officials and Code Administrators International (BOCA).

PLACING CONCRETE IN COLD WEATHER

by Sean MacDonald
District State Inspector
Department of Public Safety

Following proper procedures while placing concrete in cold weather can result in the sufficient strength and durability to satisfy the intended service requirements. These qualities will develop in concrete placed during the cold weather if it is properly produced, placed and protected. The necessary degree of protection increases as the ambient temperature decreases.

Definition:

Cold weather is defined as a period when, for more than 3 consecutive days, the following conditions exist.

1. The average daily air temperature is less than 40°F (5°C)
2. The air temperature is not greater than 50°F (10°C) for more than one-half of any 24-HR period.

The average daily air temperature is the average of the highest and lowest occurring during the period from midnight to midnight. Cold weather by this definition usually starts during fall and continues until spring.

Requirements and Guidelines

- The minimum temperature for concrete placed in cold weather is 50°F (10°C) as measured by the use of an appropriate thermometer.

- Aggregates and water should be heated sufficiently to eliminate snow and ice lumps.
  Concrete materials should be heated uniformly since considerable variation in their temperature will significantly reflect on the water requirement, air entertainment, rate of setting and slump.

- The minimum temperature for any concrete form, reinforcement steel, or subgrade is 35°F (2°C). An external heat source such as hot air jets most

often must be used during cold weather concrete placements.

- *Concrete shall not be placed on frozen subgrade material. Subgrade may be thawed by the use of a thermal blanket, but in most cases an external heat source must be applied. Subgrade material may have to be re-compacted.*

- *All snow and ice must be removed so that it does not occupy space intended to be filled with concrete. Hot air maybe used for this purpose.*

- *Concrete placements must be protected with insulating materials immediately and kept in place for a minimum of 3 days (72 hrs) during cold weather. Commonly used insulating materials include: polystyrene foam sheets, urethane foam, foamed vinyl blankets, mineral wool or cellulose fibers, straw, and blanket or batt insulation.*

- *During cold weather concrete placements an accelerant may be used to decrease setting time of concrete for the promotion of heat retention. These chemical additives may equal no greater that 2% of the total cement weight of the approved concrete mix design. This information is found on the concrete ticket which in most cases is delivered by the concrete supplier to the contractor and can be used by the building inspector to calculate admix ratios.*

- *To lower the likelihood of cracking due to thermal stresses, precautions should be taken to assure the gradual cooling of concrete surfaces at the termination of the protection period. If an extreme weather change is imminent protection of the placement should continue until a less rapid cooling to the ambient temperate will occur. Concrete placed in cold weather that does not attain 500 psi compressive strength must be REMOVED. It has been shown through data analysis that if concrete freezes it will not continue to gain strength in a manner consistent with normal concrete performance.*

- *The Building Official in each district shall have authority to enforce these regulations.*

- *R-values should be on insulating materials or made available to Building Official by contractor.*

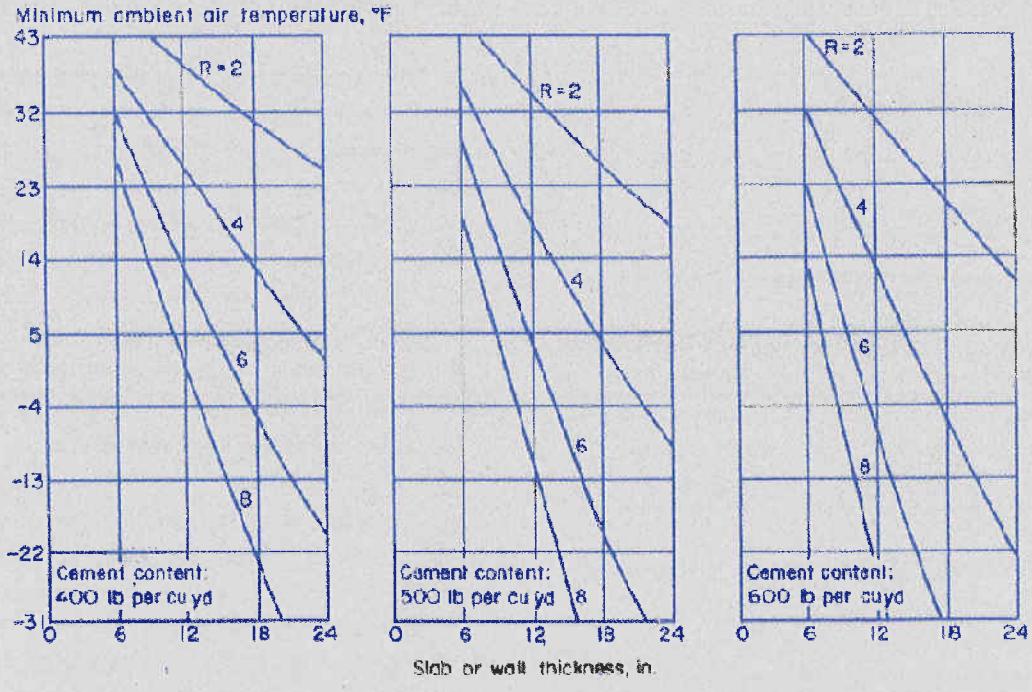

Fig. 12-16. Thermal resistance (*R*) of insulation required to maintain the concrete surface temperature of walls and slabs aboveground at 60°F or above for 3 days. Concrete temperature as placed: 50°F. Maximum wind velocity: 15 mph. Reference 12-13.

COLD WEATHER CONCRETING (continued)

REVISITNG THE COLLAPSE OF 2000 COMMONWEALTH AVENUE, BOSTON

As a follow up to the preceding article Codeword remembers the collapse of 2000 Commonwealth Avenue Boston in January 1971. The collapse was directly attributable to the lack of protection of concrete floor slabs which had been placed in sub freezing weather without the necessary protection against freezing. As a result, hydration of the concrete stopped due to freezing of the mix water, resulting in an extremely low strength concrete and subsequent collapse of the structure during construction. A total of four workers were killed as a result of the collapse.

PROFILIE BBRS TECHNICAL STAFF

Rob Anderson, Deputy Administrator

Rob has been a member of the BBRS technical staff since 1989 and currently holds the position deputy administrator. Rob is responsible for the day to day business operations of the BBRS, is a member of the Building Official Certification Committee representing the full Board and attends to the daily operation of the certification program. Rob possesses national certification as both a building official and plans examiner and is the immediate past Chairman of the National Certification Program's Board of Governors.

In addition to these duties, Rob serves as liaison to the Southeastern Massachusetts Building Officials Association (SEMBOA) and the Board's Geotechnical Advisory Committee. Recently, Rob was transferred to the Board's Taunton facility at the Paul A. Dever School, where he also serves as facility manager.

Following receipt of a Bachelor of Science degree in Architectural Engineering from Wentworth Institute of Technology in 1983, Rob worked as a project manager for various architectural firms in the Boston area.

In his spare time, Rob enjoys golf, reading, writing (but not rithmatic) architectural design and spending time with his family.

Tom Riley - Code Development Manager

Tom has been a valued member of the BBRS technical staff since 1988, and is currently the Code Development Manager overseeing promulgation of the Massachusetts State Building Code (780 CMR).

In addition to his Code development responsibilities, Tom is Program Manager to several BBRS Advisory Committees including the Energy Advisory Committee, the Fire Prevention-Fire Protection Advisory Committee, the Construction Materials Safety Board, and the Technical Code Council. He likewise serves as liaison between the BBRS and the Massachusetts Building Commissioners and Inspectors Association and is a frequent lecturer providing guidance on the Building Code before numerous professional engineering and trade organizations. Additionally he is a CABO certified Building Inspector

Tom holds a BSME from Lowell Technological Institute; has over 24 years of private industry engineering experience encompassing stress analysis, power plant design and military-industrial manufacturing engineering.

Tom's hobbies include skiing, sailing, hiking and "writing the Building Code".

Brian Gore, P.E. - Technical Director

Brian is a native of Great Britain where he earned a bachelors degree in Civil Engineering and Masters degree in Structural Engineering from the University of Liverpool. Brian also holds professional engineering registrations in Massachusetts and the European Community. He is also a Certified Building Official (Council of American Building Officials) and a Certified Building Commissioner in Massachusetts. In addition to his regular duties as technical director, Brian serves as the Chairman's designee to the Fire Safety Commission and the Automatic Sprinkler Appeals Board. Brian has been employed by the BBRS since 1990.

Brian also is the BBRS webmaster, the supervising editor of Codeword, the manager of the Construction Supervisor License Disciplinary program and the BBRS liaison to the Loads Advisory Committee, Seismic Advisory Committee. and the Building Officials of Western Massachusetts.

In his spare time, Brian enjoys playing golf, coaching youth soccer and spending time with his family.

Rob, Tom and Brian are also adjunct lecturers at Northeastern University Building Design and Management Program where they teach a course on the Massachusetts State Building Code.

UPCOMING CODE CHANGES APPROVED BY THE BOARD OF BUILDING REGULATIONS AND STANDARDS

TABLE 1

SUMMARY OF CODE CHANGES ADOPTED BY THE BBRS AND WILL BECOME EFFECTIVE IN MID-JANUARY, 2001

Code Change No.	BBRS Vote	Brief Description of Code Change
5-98-93	AS	Deletes Section 3603.16.8.1 thus allowing "non-required" fire protection devices without such devices being required hard wired to "required" devices – a relaxation in requirements
11-98-006	AS	Energy Conservation, Chapter 34, section 3407: Allows "true, divided light windows for architectural continuity thus preserving a small Massachusetts industry; also does not require NFRC ratings for basement windows of small size thus lowering construction first costs
11-98-007	AS	Energy Conservation, Chapter 34, Section 3407: A clarification which defines when replacement window kits must conform to energy performance requirements of Section 3407
11-98-008	AS	Energy Conservation, Chapter 34, Section 3407:Appropriately cross-references Code sub-sections; updates to nationally recognized air infiltration rates; deletes erroneous references to "doors" in Table 3707
11-98-012	AS	Appendix A: Updates the mailing address of the AWPA (wood preserving)
11-98-015	AS	Appendix J: Expands available options to demonstrate energy conservation compliance by recognizing HERS methods (home energy ratings)
11-98-016	AS	Regulation R6:Establishes "contract" dollar amounts consistent with those of state law (MGL c.142A – Home Improvement Contractor law)
10/14/98	AS	To Appendix H, add: Nathaniel Winsor House, 479 Washington St., Duxbury as a totally preserved historic building, per MHC
5-99-E1	AS	Chapter 36, Section 3603.6.1: Language of the subsection relative to switching, is amended to avoid "code collision" with the requirements of the State Electrical Code – 527 CMR 12:00
5-99-006	AS	Chapter 9, Section 914.2 amended to: relax standpipe requirements by moving from Class III to Class I standpipes, all per NFPA 14
5-99-007	AS	Chapter 9, Section 917.8.1 is amended to: add synchronization requirements for visible (strobe) alarms to reduce photo-sensitive epileptic effect
5-98-008	AS	Chapter 9, Section 919.3.2(4) is amended to: "harmonize" the language of 919 with that of Chapter 36, Section 3603.16
5-99-012 11-99-019 11-99-020 11-99-021 11-99-022 11-99-023 2-00-E1 4-00-E8 7-00-E6 thru 7-00-E10	AS	Chapter 13, Energy Conservation" Chapter is completely rewritten with delayed adoption to January 1, 20001 to allow for extensive educating of Regulators and the Regulated Community via DOE grants and Utility support – much more user-friendly software tools supporting same are also being introduced. (The latter twelve (12) Code Changes refine Code Change 5-99-012 which is the initially adopted "new" Chapter 13 – such ongoing refinements are part of training feedback with the Regulated Community and Regulators; i.e., some 80 trainings will be provided with about one half of them already held – this methodology was utilized when the "new construction" low-rise residential energy code was revised several years ago and has proven to be an effective way to assure near seamless introduction of such technical requirements. Note that only the refined version of 5-99-012 is provided here as all (12) other amendments are now incorporated into 5-99-012 as filed under EO# 384.

5-99-014	AS	Chapter 28 updated (w/delayed adoption until January 1, 2001) to assure HVAC air intakes are not located near building exhaust points or diesel truck loading docks – i.e., indoor air quality issues
5-99-016	AS	Chapter 34, section 3407 is amended to: "harmonize" code language with code language of the new Chapter 13 – delayed implementation until January 1, 2001
5-99-023	AS	Appendix J is amended to: reflect updated requirements of the new Chapter 13 – delayed implementation until January 1, 2001
"3/18/99"	AS	Appendix H has added: The William Cullen Bryant Homestead, Bryant Rd., Cummington, as a totally preserved historic building, per MHC
11-99-005	AS	Chapter 3, Section 310.2 is amended to: harmonize with MGL c.140 Section 22 regarding definitions of lodging housing
11-99-006	AS	Chapter 3, Section 310.2 is amended to: harmonize with MGL c.140 Section 22 regarding definitions of lodging housing
11-99-007	AM	Chapter 4, Section 413 is amended to: require that SPECIAL AMUSEMENT BUILDINGS be inspected once a year
11-99-007, contd.	AM	Chapter 1, Table 106 is amended by: adding an annual inspection of SPECIAL AMUSEMENT BUILDINGS (Section 413)
11-99-010	AM	Chapter 5, Section 504.6 of the BOCA CODE is re-acquired into Chapter 5 of 780 CMR to reduce costs of certain moderately large RESIDENTIAL OCCUPANCIES
11-99-011	AM	Chapter 5, Section 504.7 of the BOCA CODE is re-acquired into Chapter 5 of 780 CMR to reduce costs of certain moderately large RESIDENTIAL OCCUPANCIES
11-99-012	AM	Chapter 7, Section 707.5.3 is amended to allow for a less costly method of construction of true "fire walls"
11-99-024	AS	Chapter 14, Section 1406.4 is amended to: correct a term – the word "diameter" should be "perimeter"
11-99-025	AS	Chapter 16, Table 1606.1 is revised to: correct an incorrect reference
11-99-027	AS	Chapter 34, Section 3400.6 is amended to: change "livable" to the phrase "occupiable and habitable" (a phrase with Code definitional meaning)
12-99-E1 Note that the Geotechnical Advisory Committee has recommended Changes 12-99-E1 thru 12-99-E11	AS	Chapter 18, Section 1815.2.2 is amended to: acquire an EXCEPTION which recognizes any type of steel casing to replace ties and spirals for concrete confinement purposes
12-99-E2	AS	Chapter 18, Sections 1816.11.1 & 1816.11.2 are deleted and such info placed in Section 1816.3.3 & 1816.3.4 for clarification
12-99-E3	AS	Chapter 18, Section 1816.3.1 is rewritten to group all general pile seismic provisions in one code section
12-99-E4	AM	Chapter 18, Section 1816.16 is rewritten for clarity
12-99-E5	AS	Chapter 18, section 1818.3 is rewritten for clarity and consistency
12-99-E6	AS	Chapter 18, Section 1819.3 is adjusted to reflect NEHRP requirements only, thus eliminating unnecessarily conservative design
12-99-E7	AS	Chapter 18, Section 1820.1.2.1 is amended to: clarify and correct Code intent to

		permit any type of steel casing to replace ties and spirals for concrete confinement purposes
12-99-E8	AS	Chapter 18, Section 1820.1.2.2 is amended to: address required details of the pile reinforcing to pile cap connection
12-99-E9	AS	Chapter 18, Section 1821.2.6 is introduced to acquire requirements previously contained (but no longer) in section 1816.11.1 (clarity)
12-99-E10	AS	Chapter 18, Section 1821.3.5 is amended to: coordinate with renumbering
12-99-E11	AS	Chapter 18, Section 1824.3 is amended to: address rarely used heavy-duty reinforced pipe piles
"10/14/99"	AS	Chapter 18, Section 1805.3 is amended to: correct references (a correction per the Geotechnical Advisory Committee)
Official Interp. 50-98	-	Appendix B / incorporate Official Interp. No. 50-98: "Height and Area Requirements for Type 5B, One and Two-Family Dwellings"
"1/20/2000"	AS	To Appendix H, add: Ventfort Hall, 104 Walker St., Lenox / Totally Preserved Historic Bldg. via MHC (Mass. Historic Commission)
4-00-E10	AS	Appendix A is amended to: correct/update the proper year of NFPA standard 96 from NFPA 96-96 to NFPA 96-98
5-00-03	AM	Chapter 5, Section 504.2 is amended to allow Type 13R sprinklers in RESIDENTIAL occupancies within certain height and story limits

AS = "As Submitted"
AM = "As Modified"

TABLE 2

SUMMARY OF EMERGENCY CODE CHANGES ADOPTED BY THE BBRS, TO BECOME EFFECTIVE IN MID-JANUARY, 2001, COINCIDENT WITH THOSE CODE CHANGES NOTED IN TABLE 1 ABOVE

11-00-E1*	AS	Redefines the effective date for certain HVAC equipment efficiencies, consistent w/national standards
11-00-E2*	AS	Refines requirements for "construction document" submittals
11-00-E3*	AS	Further delineates "construction document" requirements and the role of the Building Official relative to "construction document" approval
11-00-E4*	AS	Refines certain definitions of the DEFINITIONS section of Chapter 13
11-00-E5*	AS	Clarifies the Title of Subsection 1304
11-00-E6*	AS	Vapor barrier permeability is referenced to a specific ASHRAE national standard
11-00-E7*	AS	Pre-engineered metal buildings, due to construction type, are exempted from certain permeability requirements
11-00-E8*	AS	Refines Table T1304.2.1 thru T1304.2.12 subset titles
11-00-E9*	AS	Refines the way in which non-glazed doors are addressed relative to building envelope requirements
11-00-E10*	AS	Better describes how "below grade walls" are to be addressed relative to building envelope requirements
11-00-E11*	AS	Defines air permeability requirements in both english and metric values
11-00-E12*	AS	More clearly identifies the current, recognized test methods for air leakage measurements of fenestration and doors
11-00-E13*	AS	Refines requirements for the possible weather-sealing of shafts, chutes, stairwell and elevator lobby doors
11-00-E14*	AS	Expands the triggering area of a building before a vestibule is required

11-00-E15*	AS	More clearly sets requirements for insulation materials in "ground contact"
11-00-E16*	AS	Updates certain reference standards
11-00-E17*	AS	Updates certain reference standards
11-00-E18*	AS	Amends the format of Table 1308.6.2.2
11-00-E19*	AS	Amends requirements for "additional interior lighting power"
11-00-E20*	AS	Clarifies what buildings may be designed in accordance with Section 1309
11-00-E21**	AS	Amends Section 3400.310) by requiring certain structural performance of totally preserved and partially preserved historic buildings

AS = "As Submitted"
AM = "As Modified"

- All Emergency Code Changes so marked relate to further refinements to the new Chapter 13 Energy Conservation Code for new construction commercial buildings and have been adopted by Emergency to ensure supplementing of the base new Chapter 13 requirements - such additions are the direct result of Regulated Community input acquired through training feedback - note that the new Chapter 13 becomes effective in January 2001 but for the next 6 months, one can utilize the current Chapter 13 or the new Chapter 13., but after said first 6 months of availability in 2001, then only the new Chapter 13 is in force.

** This Emergency amendment relates to structural requirements for totally preserved and partially preserved historic buildings

TABLE 3 SUMMARY OF EMERGENCY CODE CHANGE ADOPTED BY THE BBRS, ANDEFFECTIVE DECEMBER 12, 2000 TO SUPPLEMENT SIMILAR REQUIREMENTS SET FORTH IN 527 CMR AND RELATED TO THE BOARDING OF VACANT, UNSAFE BUILDINGS		
12-00-E1	AS	Amends Chapter 1, Section 121 by adding two new sections (121.7 and 121.8) addressing the requirements for the boarding of buildings to make such "safe and secure" (see article on page 1 of this issue of Codeword.)

CONSTRUCTION SUPERVISOR LICENSE EXAMINATION SCHEDULE

Registration and examination dates for the Construction Supervisor License Examination for the year 2001 are;

Registration Deadline	Examination Date
February 9, 2001	March 10, 2001
May 11, 2001	June 9, 2001
August 10, 2001	September 8, 2001
November 9, 2001	December 8, 2001

Examinations are held in Boston, Lowell, Marshfield, North Dartmouth, Springfield and Worcester

For information or an application and candidate formation package call the BBRS at;
(617)- 727-7532 Extension 20045

ATTENTION LICENSED CONSTRUCTION SUPERVISORS

Your initial license is valid for 3 years and is renewable every two years thereafter, expiring on the licensee's birthday. You will receive a renewal notice in the mail prior to the date of expiration - PROVIDING THAT YOU HAVE INFORMED THE BBRS IN WRITING OF ANY AND ALL CHANGES OF ADDRESS. You have one year from the date of expiration to renew your license. If you do not renew within this period you are required to take the Construction Supervisor License Examination - there are NO exceptions to this policy. If you do not receive a license renewal before the expiration of the license please contact the BBRS to ensure that we have your current address on file. Please note - it is YOUR responsibility to inform the BBRS of a change in address.

ATTENTION CANDIDATES PLANNING TO TAKE THE BUILDING OFFCIAL CERTIFICATION EXAMINATIONS

All examinations commencing after January 1, 2001 will be based on the 2000 edition of the International Codes.

In This Issue of *Codeword:*

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