

APPENDIX P - SIZING OF WATER PIPING SYSTEM - RESERVED

The ninth edition building code became first effective on October 20, 2017 and, with a shortened concurrency period, the new code came into full force and effect on **January 1, 2018**.

The new, ninth edition code is based on modified versions of the following *2015 International Codes as published by the International Code Council (ICC)*.

- The International Building Code (IBC);
- International Residential Code (IRC);
- International Existing Building Code (IEBC);
- International Mechanical Code (IMC);
- International Energy Conservation Code (IECC);
- International Swimming Pool and Spa Code (ISPSC);
- Portions of the International Fire Code (IFC).

Massachusetts amends these code fairly significantly to accommodate for unique issues in the commonwealth. This package of amendments revises the IRC only. Please see base code amendments for changes to other listed codes that comprise the ninth edition.

Please remember that the Massachusetts amendments posted on-line are *unofficial versions* and are meant for convenience only. Official versions of the Massachusetts amendments may be purchased from the State House Bookstore @ [Shop the Bookstore](#) and any of the I-Codes may be purchased from the International Code Council (ICC) @ [iccsafe.org](#).

Additionally, the ICC publishes transition documents that identify changes from the 2009 to the 2015 I-Codes for those who may have interest.

- [International Building Code \(IBC\) Transition](#)
- [International Residential Code \(IRC\) Transition](#).

Note: The residential code is part of the overall building code, which is referred to as 780 CMR. It is considered to be Chapter 51 in the overall code, which is why you will see reference to 780 CMR Chapter 51 in the amendments. The residential code is applicable to detached one- and two-family dwellings, multiple-family dwellings (townhouses) not more than three stories in height above the grade plane and/or their accessory structures not more than three stories in height above grade. See the base code for other building types.

51.00: continued

AJ501.4 Revise the subsection as follows:

AJ501.4 Structural. The minimum design loads for the structure shall be the loads applicable at the time the building was constructed, provided that a dangerous condition is not created. Structural elements that are uncovered during the course of the alteration and that are found to be unsound or dangerous shall be made to comply with the applicable requirements of 780 CMR 51.00. Where alterations may decrease the structural performance of the existing building, such proposed activities shall be evaluated by a registered design professional for adequacy, prior to such actual structural alterations.

AJ501.5 Revise the subsection as follows:

AJ501.5 Electrical Equipment and Wiring. See 527 CMR 12.00: *Massachusetts Electrical Code (Amendments)*.

AJ601.5 Add a subsection as follows:

AJ601.5 Structural. Where reconstruction may decrease the structural performance of the existing building, such proposed activities shall be evaluated by a registered design professional for adequacy, prior to such actual structural reconstruction.

AJ701 Add a section as follows:

AJ701 HISTORIC BUILDINGS

AJ701.1 General. For historic building requirements, see 780 CMR 34.00: *Existing Building Code*.

Appendix K: SOUND TRANSMISSION (Adopted in full)

Appendix L: PERMIT FEES (see 801 CMR 4.00: *Rates*, as applicable) (Reserved)

Appendix M: HOME DAY CARE – R-3 OCCUPANCY (Reserved)

Appendix N: VENTING METHODS (Reserved)

Appendix O: AUTOMATIC VEHICULAR GATES (Adopted in full)

Appendix P: SIZING OF WATER PIPING SYSTEM (Reserved)

Appendix Q (Reserved)

Appendix R: LIGHT STRAW-CLAY CONSTRUCTION (Reserved)

Appendix S: STRAWABLE CONSTRUCTION (Reserved)

Appendix T: RECOMMENDED PROCEDURE FOR WORST-CASE TESTING OF ATMOSPHERIC VENTING SYSTEMS UNDER N1102.4 OR N1105 CONDITIONS \leq 5 ACH₅₀ (Reserved)

Appendix U: SOLAR-READY PROVISIONS – DETACHED ONE- AND TWO-FAMILY DWELLINGS, MULTIPLE SINGLE-FAMILY DWELLINGS (TOWNHOUSES) (Adopted as amended)

Delete Appendix U and replace as follows:

SECTION AU101 (RB101) SCOPE

AU101.1 (RB101.1) General. These provisions shall be applicable for new construction, except additions.