

CHAPTER 22 – STEEL - AMENDMENTS

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 revise the IBC, IEBC, IMC, and IECC.

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](#).

780 CMR: MASSACHUSETTS AMENDMENTS TO THE *INTERNATIONAL BUILDING CODE 2015*

CHAPTER 22: STEEL

2205.1.1 Add subsection as follows:

2205.1.1 Shop Drawings. Complete shop drawings shall be prepared in a manner consistent with industry practice and in advance of the actual fabrication. Such drawings shall clearly distinguish between shop and field connections for bolts and welds, and shall also clearly identify steel grades, bolt types and sizes, weld types and sizes, locations and dimensions and all information necessary for proper fabrication and installation of the steel members.

2211.6.1 Add subsection as follows:

2211.6.1 Limitations on Cold-formed Steel Framed Shear Walls. The only sheathing materials permitted for cold-formed framed shear walls are steel sheets, wood structural panels, gypsum board panels, and fiberboard panels.

2211.6.1.1 Limitations on Gypsum Board Panel and Fiberboard Panel Sheathed Cold Formed Steel Framed Shear Walls. Gypsum board and fiberboard sheathed cold-formed steel framed shear walls are limited as follows:

1. The building shall not be more than 35 feet in height as measured from mean grade plane to mean roof plane.
2. The location of the shear walls shall be limited to exterior walls, fire walls, fire barriers, or fire partitions.
3. The building is not in Risk Category IV.
4. The seismic weight of each level (floor or roof), supported laterally by the shear walls, shall not be more than 25 psf. Where attics are not habitable, the seismic weight of a pitched roof shall include the dead load of the attic floor.

NON-TEXT PAGE