

780 CMR: MASSACHUSETTS AMENDMENTS TO THE *INTERNATIONAL BUILDING CODE 2009*

CHAPTER 4: SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

401.2 Add subsection:

401.2 Referenced Codes. *See* subsection 101.4.

402.11 Add Note 5. as follows:

5. A permit is required from the head of the Fire Department.

402.14 Add this last sentence:

'*See 527 CMR 12.00: 2008 Massachusetts Electrical Code (Amendments).*'

402.15 Replace 'accessible to' with 'in a location approved by'

403.1.1 Add this subsection:

403.1.1 Other References. Also *see* M.G.L. c. 148, §§ 26A, 26A½, and 26G.

403.3 Add a third exception:

3. Also *see* Chapter 9 for fire sprinkler exclusions in elevator machine rooms, hoistways and pits.

403.4.7.2 Replace item 3 as follows:

3. Standby power, shall be required for elevators in accordance with applicable requirements of 524 CMR.

403.4.8.1 Add Note 7 as follows:

7. Elevators, in accordance with the applicable requirements of 524 CMR.

403.6.1 Replace as follows:

403.6.1 Fire Service Access Elevator. In buildings more than 70 feet (21336 mm) in height above grade plane, a minimum of one fire service access elevator shall be provided in accordance with Section 3007.

403.6.2 Occupant Evacuation Elevators: Reserved.

406.2.2 Replace second sentence with:

'Vehicle and pedestrian areas accommodating van-accessible parking required by subsection 1106.5 shall conform to 521 CMR 23.00: *Parking and Passenger Loading Zones.*'

406.3.3.1 Replace in two locations '20 percent' with '25 percent'.

406.5.2 Add a second sentence:

'The construction of the concrete pad around the fuel dispensing island shall be *approved* and installed as required by 527 CMR 5.00: *Operation and Maintenance of Buildings or Other Structures Used as Garages, Service Stations and the Related Storage, Keeping and Use of Gasoline or Other Motor Fuel.*'

407.1.1 Add subsection:

407.1.1 Other References. Hospitals, nursing homes and convalescent homes shall be constructed of at least Type IB construction in accordance with M.G.L. c. 111, §§ 51 and 71.

409.1.2 Add subsection:

409.1.2 Other Reference. *See* M.G.L. c. 143, § 89 and 527 CMR for additional requirements.

4.00: continued

412.4.5 Add a second sentence as follows:

‘Also *see* 527 CMR.’

414.1.3 In the first sentence replace ‘*building official*’ with ‘*building official* and *fire official*’. In the first paragraph replace ‘qualified person, firm or corporation approved by’ with ‘*registered design professional* and submitted to’

414.1.4 Add subsection:

414.1.4 Bulk Merchandizing Retail Buildings. *See* section 424.

415.1 Add a last sentence as follows:

‘Note additionally that fire separation distances in section 415 for buildings containing explosives, as set forth in 527 CMR 13.00: *Explosives*, always govern, unless fire separation distances of the *International Fire Code* are more stringent.’

415.5.3 Add subsection:

415.5.3 Smoke and Heat Venting. Smoke and heat vents complying with section 910 shall be installed in the following locations:

1. In occupancies classified as Group H-2 or H-3, any of which are over 15,000 square feet (1394 m²) in single floor area.

Exception. Buildings of noncombustible construction containing only noncombustible materials.

2. In areas of buildings in Group H used for storing Class 2, 3 and 4 liquid and solid oxidizers, Class 1 and unclassified detonable organic peroxides, Class 3 and 4 unstable (reactive) materials, or Class 2 or 3 water-reactive materials as required for a Class V hazard classification.

Exception. Buildings of noncombustible construction containing only noncombustible materials.

424.0 Add this section in its entirety:

SECTION 424.0: BULK MERCHANDISING RETAIL BUILDINGS

424.1 General. Bulk merchandising retail buildings have different fire and life safety risks than traditional retail buildings. This section provides standards to adequately deal with these differences, and to reduce the risk of life loss, injury, and excessive property damage from fire.

424.2 Scope. The provisions of this section shall apply to buildings or structures defined as bulk merchandising retail buildings or portions thereof containing high piled combustible storage. Unless otherwise noted in this section, the requirements for bulk merchandising retail buildings shall be in accordance with the requirements set forth for Group M and section 414.

424.3 Definitions. The following words and terms shall, for the purposes of this section and as used elsewhere in this code, have the meanings shown below (*See* Chapter 2 for terms not defined below):

BULK MERCHANDISING RETAIL BUILDING. A building where sales areas contain high piled combustible commodities, or high piled, high hazard commodities as defined in Chapter 3 and 4.

GROUP A PLASTICS. Products that utilize plastic, or non plastic products that utilize significant plastic packaging materials, that have a high BTU content:

ABS (acrylonitrile-butadienestyrene copolymer)

Acetal (polyformaldehyde)

Acrylic (polymethyl methacrylate)

Butyl rubber

EPDM (ethylene-propylene rubber)

FRP (fiberglass reinforced polyester)