

4101:1-16-01 Structural design.

Chapter 16 of the International Building Code, 2021 edition, as incorporated by reference and modified in Section 101.1.1 of this code, is further modified as follows:

(A) Add new section 1602.2 to read as follows:

1602.2 Live loads posted. Where the *live loads* for which each floor or portion thereof of a commercial or industrial building is or has been designed to exceed 50 psf (2.40 kN/m²), such design *live loads* is to be conspicuously posted by the owner in that part of each *story* in which they apply, using durable signs. The removal or defacing of such notices is unlawful.

(B) Replace the last sentence in section 1603.1 with the following:

The design *loads* and other information pertinent to the structural design required by Sections 1603.1.1 through 1603.1.9 and Section 106 are to be indicated on the *construction documents*.

(C) Replace section 1607.2 with the following:

1607.2 Loads not specified. For occupancies or uses not designated in Section 1607, the *live load* is to be determined in accordance with generally accepted engineering practice.

(D) Modify section 1608.2 as follows:

(1) Delete the last two sentences of section 1608.2.

(2) Add the following sentence as the last sentence of section 1608.2.

Where these values are deemed inadequate because of record snowfall or experience, higher ground snow *loads* are to be determined and adopted by the local jurisdiction.

(E) Replace section 1612.3 with the following:

1612.3 Establishment of flood hazard areas. All buildings and structures which have been determined to require flood resistant construction by the local flood plain administrator of a community participating in the “National Flood Insurance Program (NFIP),” or by the Ohio department of natural resources for communities in the “NFIP”, are to be constructed as required by the provisions of this section and the local authority’s flood damage prevention regulations.

Reference to regulations in “FEMA 44 CFR Parts 59-77” in this section are adopted pursuant to section 121.75 and 121.76 of the Revised Code.

(F) Modify section 1612.4 as follows:

(1) Replace subsection 1.1 with the following:

1.1. The elevation of the *lowest floor*, including the basement, is provided by a registered surveyor.

(2) Replace subsection 2.1 with the following:

2.1. The elevation of the bottom of the lowest horizontal structural member is provided by a registered surveyor.

Replaces: 4101:1-16-01

Effective:

Five Year Review (FYR) Dates:

Certification

Date

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