



GOVERNMENT OF THE DISTRICT OF COLUMBIA
CONSTRUCTION CODES COORDINATING BOARD
c/o DCRA- 1100 4th Street SW, Washington, DC 20024

CODE CHANGE PROPOSAL FORM

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CODE: Building Code SECTION NO. Chapter 16 COMMITTEE AMENDMENT NO. BC-S-16-2-13
PROPOSING SUBCOMMITTEE: Structural TAG CHAIR: Alex Berley PHONE: 571-722-6459
E-mail: Alexander Berley [aberley@eandggroup.com]
DATES OF PROPOSAL: 4/18/12 CCCB PRESENTATION: 4/19/12;revised 6/12/12 CCCB APPROVAL: 7.3.12

CHECK ONE *Revise section to read as follows:* *Delete section and substitute the following:*
 Add new section to read as follows: *Delete section without substitution.*

TYPE ALL TEXT IN 12-POINT TIMES NEW ROMAN FONT
~~LINE THROUGH TEXT TO BE DELETED~~ (highlight text, under Format, click font and check strikethrough)
UNDERLINE TEXT TO BE ADDED
Use additional sheets of the form, if necessary.

See next page

Anticipated impact of code change on cost of construction (CHECK ONE)
 Increase *Decrease* *Negligible* *Unknown*

Per 1,000 SF single-family dwelling *to*
Per 1,000SF of commercial building *to*

JUSTIFICATION OF CHANGE:
Please reference one or more of the criteria required
 To address a critical life/safety, health, general welfare need.
 To address a specific District of Columbia policy or statute
 For consistency with federal, or with reference to the Metro DC area (MD, VA) codes
 Address a unique character issue in the District of Columbia
 Correction of errors and omissions
 Other (explain)

These code changes are carried over from 12 DCMR 2008 construction codes, deemed to be more appropriately conservative than proposed by ICC in IBC 2009 or IBC 2012. These code changes were labeled BC-S-16-2-13 when approved by the Structural TAG during this code cycle and labeled S-16A-1-11 when approved as part of the 2011 12 DCMR A on 11-2-2012.



1607 LIVE LOADS

Strike Item 14 in Table 1607.1 of the International Building Code in its entirety and insert new Item 14 in Table 1607.1 to the Building Code in its place to read as follows:

**TABLE 1607.1
MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS, L_o, AND MINIMUM
CONCENTRATED LIVE LOADS^g**

OCCUPANCY OR USE	UNIFORM (psf)	CONCENTRATED (lbs.)
14. Garages (Passenger vehicles only)	40-50 ^m	Note a
<u>Top deck of exposed garage</u>	<u>50, plus snow loading in accordance with Section 1608</u>	
Trucks and buses	See Section 1607.7	See Section 1607.7

^a Floors in garages or portions of buildings used for the storage of motor vehicles shall be designed for the uniformly distributed live loads of Table 1607.1 or the following concentrated loads: (1) for garages restricted to passenger vehicles accommodating not more than nine passengers, 3,000 pounds acting on an area of 4.5 inches by 4.5 inches; (2) for mechanical parking structures without slab or deck that are used for storing passenger vehicles only, 2,250 pounds per wheel.

^m Live load reduction is not permitted unless specific exceptions of Section 1607.10 apply.

Strike Section 1607.3 of the International Building Code in its entirety and insert new Section 1607.3 to the Building Code in its place to read as follows:

1607.3 Uniform live loads. The live loads used in the design of buildings and other structures shall be the maximum loads expected by the intended use or occupancy but shall in no case be less than the minimum uniformly distributed live loads required by Table 1607.1.

Exception: Buildings erected before July 1, 1925: In the alteration of buildings erected before July 1, 1925, the code official is authorized to allow a maximum reduction of 30 percent of the specified minimum live loads in Table 1607.1, with a minimum live load for other than residential buildings of 40 psf (1.92 kN/m²), provided official live load placards are posted showing this reduced live load.



Insert new Section 1607.15 to the Building Code to read as follows:

1607.15 Powered maintenance platforms. The structural supports for powered maintenance platforms shall be designed in accordance with the requirements in 29 CFR 1910 Subpart F Standard 1910.66 (“Powered Platforms for Building Maintenance”) of Occupational Safety and Health Administration Standards.

1608 SNOW LOADS

Insert new Section 1608.1.1 to the Building Code to read as follows:

1608.1 General. Design snow loads shall be determined in accordance with Chapter 7 of ASCE 7, but the design roof load shall not be less than that determined by Section 1607.

1608.1.1 Snow load for the District of Columbia. The basic snow load for the District of Columbia, as shown in Figure 1608.2 shall be a minimum of 25 psf (1.20 kN/m²) plus drifting or 30 psf (1.44 kN/m²) equivalent uniform load, whichever is greater.