Exhibit No.
BD-09-01-13-Y

NEW HAMPSHIRE BUILDING CODE PROPOSED AMENDMENT

Submitted by Wayne Richardson, CBO on behalf of the New Hampshire Building Officials Association.

Date: 7 November 2013

Company/Jurisdiction: NHBOA

Address: 53 Regional Drive, Suite 1,

Concord, NH 03301

Telephone: N/A email: warichar@comcast.net

Applicable codes: International Building Code - 2009 (IBC)

Current language (including section numbers)

(4) Delete Table 503 of the *International Building Code* 2009 and replace it with NH Modified Table 503 [effective date of April 1, 2010, ratified June 18, 2012].

Section 506.0 Building Area Modifications
506.1 General: The provisions of this section shall modify the area limitations of Table 503 as herein specified.

506.2 Street frontage increase: Where a building or structure has more than 25 percent of the building perimeter fronting on a street or other unoccupied space, the area limitations specified in Table 503 shall be increased 2 percent for each 1 percent of such excess frontage. The unoccupied space shall be on the same lot or dedicated for public use, shall not be less than 30 feet (9144 mm) in width and shall have access from a street by a posted fire lane not less than 18 feet (5486 mm) in width.
506.3 Automatic sprinkler system: Where a building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1, the area limitations specified in Table 503 shall be increased 200 percent for one- and two-story buildings and 100 percent for buildings more than two stories in height.
Exception:
1. The automatic sprinkler system increase shall not apply to buildings with an occupancy in Use Group H-1. 2. The automatic sprinkler system increase shall not apply to any fire area with an occupancy in Use Group H-2 or H-3.
506.4 Multistory buildings: The area limitations for buildings two stories in height shall be the same as the area limitations provided in Table 503 for one-story buildings. In buildings over two stories in height, the area limitations of Table 503 for one-story buildings shall be reduced as specified in Table 506.4.

Table 506.4 **Type of Construction**
REDUCTION OF AREA LIMITATIONS
Number of Stories

IA	IB		All Others
1	None	None	None
2	None	None	None
3	None	5%	20%
4	None	10%	20%
5	None	15%	30%
6	None	20%	40%
7	None	25%	50%
8	None	30%	60%
9	None	35%	70%
10	None	40%	80%

Proposed Code Change:

Delete all of the amendments to the above listed sections and tables. Use chapter 5, of the 2009 IBC as printed by the International Code Council, for controlling the height and areas of new structures and additions.

Reason/Justification:

The amendments currently adopted are based upon a code edition (2000 IBC) which has been through no less three (3) code consensus changes. The current modified H&A table is based upon a H&A table from the 1999 BOCA National Building Code that is no longer published. The successors to the original table have been through no less than four code consensus reviews and changes have been made in response to the numerous changes made in the IBC in areas related to fire protection requirements and technological changes in construction. The continued reluctance on the part of NH to use the published codes makes it difficult for today's building designs to be used. One such example is the use of what is termed a "pedestal" building. Ongoing code development process is designed to correct deficiencies within the code and to incorporate new technologies. It serves no logical purpose for continued application of code amendments based on outdated parameters.

Financial analysis:

There will be no adverse financial impact on building construction costs. It is possible to have a financial savings in design fees and construction costs with an increase in project returns to land owners & developers.

H&A TABLE COMPARISON - IBC, NH & NFPA 5000 FOR 2009 **NOTE: NH HAS MADE A DISTINCTION BETWEEN RESTURANTS AND NIGHTCLUBS**

Height limitations shown as stories and feet above grade plane - Area limitations as determined by the definition of "Area, Building" per floor - UL + Unlimited

IBC - BLACK, NH - BLUE, NFPA - RED (12/4 means number of stories with sprinklers and number without) **TYPE OF CONSTRUCTION**

		Ttype I		Type II		Type III		Type IV	Type V	
		A	B	A	B	A	B	HT	A	B
GROUP										
A-1	S	UL UL UL	5 5 12/4	3 3 3 15000 13125	2 2 2 8,500 8,400	3 3 2 14,000 11,500	2 2 2	3 3 2 15,000 12,600	2 1 2 11,500 8,925	1 1 1 5,500 4,200
	A	UL UL UL	UL 19,950 UL	15000	8,500	14,000	8500 8400 8500	15,000	11,500	5,500
A-2	S	UL UL UL/7	11 3 12/4	3 2 3 15,000 3,750	2 1 1 9,500 2,400	3 2 2 14,000 3,300	2 1 1 9,500 2,400	3 2 3 15,000 3,600	2 1 3 11,500 2,550	1 1 1 6,000 4,200
	A	UL 7,200 UL	UL 5,700 UL	15,000	8,500	14,000	8,500	15,000	11,500	5,500
A-2 R	S	UL UL UL/7 UL 7,200	11 5 12/4	3 2 3 15,000 13,750	2 1 1 9,500 8,400	3 3 2 14,000 11,550	2 2 1 9,500 8,400	3 3 3 15,000 12,600	2 1 3 11,500 8,925	1 1 1 6,000 4,200
	A	UL	UL 19,950 UL	15,000	8,500	14,000	8,500	15,000	11,500	5,500
A-3 C	S	UL UL UL/4 UL UL	11 6 12/4	3 3 3 15,000 22,500	2 2 1 9,500 14,400	3 3 2 14,000 19,800	2 2 1 9,500 14,400	3 3 2 15,000 21,600	2 1 2 11,500 15,350	1 1 1 6,000 7,200
	A	UL	UL 34,200 UL	15,000	8,500	14,000	8,500	15,000	11,500	5,500
A-3	S	UL UL UL/4 UL UL	11 5 12/4	3 3 3 15,000 13,125	2 2 1 9,500 8,400	3 3 2 14,000 11,550	2 2 1 9,500 8,400	3 3 2 15,000 12,600	2 1 2 11,500 8,925	1 1 1 6,000 4,200
	A	UL	UL 19,950 UL	15,000	8,500	14,000	8,500	15,000	11,500	5,500
A-4	S	UL UL UL/4 UL UL	11 5 12/4	3 3 2 15,000 13,125	2 2 1 9,500 8,400	3 3 2 14,000 11,550	2 2 NP 9,500 8,400	3 3 2 15,000 12,600	2 1 2 11,500 8,925	1 1 NP
	A	UL	UL 19,950 UL	15,000	8,500	14,000	NP	15,000	11,500	6,000 4,200 NP
A-5	S	UL UL UL/4 UL UL	UL UL UL UL UL	UL UL UL UL UL	UL UL UL UL UL	UL UL 3 UL UL	UL UL 2 UL UL	UL UL 3 UL UL	UL UL 2 UL UL	UL UL 1 UL UL
	A	UL	UL	UL	UL	UL	UL	UL	UL	UL
B	S	UL UL UL	11 6 11 UL 34,200	5 5 5 37,500 22,500	4 4 4 23,000 14,400	5 4 5 28,500 19,800	3 3 4 19,000 14,400	5 5 5 36,000 21,600	3 3 3 18,000 15,300	2 2 2 9,000 7,200
	A	UL UL UL	UL	37,500	23,000	28,500	19,000	36,000	18,000	9,000
E	S	UL UL UL	5 5 12/5 UL 34,200	3 3 3 26,500 22,500	2 2 2 14,500 14,400	3 3 3 23,500 19,800	2 2 2 14,500 14,400	3 3 3 25,500 21,600	1 1 1 18,500 15,300	1 1 1 9,500 7,200
	A	UL UL UL	UL	26,500	14,500	37,500	14,500	25,500	18,500	9,500
F-1	S	UL UL UL UL UL	11 6 11 UL 22,800	4 4 4 25,000 15,000	2 2 2 15,500 9,600	3 3 3 19,000 13,200	2 2 2 12,000 9,600	4 4 4 33,500 14,400	2 2 2 14,000 10,200	1 1 1 8,500 4,800
	A	UL	UL	25,000	15,500	19,000	12,000	33,500	14,000	8,500

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IBC - BLACK, NH - BLUE, NFPA - RED (12/4 means number of stories with sprinklers and number without) **TYPE OF CONSTRUCTION**

		Ttype I		Type II		Type III		Type IV	Type V	
		A	B	A	B	A	B	HT	A	B
F-2	S	UL UL UL	11 6 11	5 5 5	3 3 3	4 4 4	3 3 3	5 5 5	3 3 3	2 2 2
		UL UL	UL 34,200	37,500 22,500	23,000 14,400	28,500 19,800	18,000 14,400	50,500 21,600	21,000 15,300	13,000 7,200
	A	UL	UL	37,500	23,000	28,500	18,000	50,500	21,000	13,000
H-1	S	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	NP NP NP
		21000 14,400	16,500 11,400	11,000 7,500	7,000 4,800	9,500 6,600	7,000 4,800	10,500 7,200	7,500 5,100	
	A	21,000	16,500	11,000	7,000	9,500	7,000	10,500	7,500	NP NP NP
H-2	S	UL 3 UL	3 3 3	2 2 2	1 1 1	2 2 2	1 1 1	2 2 2	1 1 1	1 NP 1
		21000 14,400	16,500 11,400	11,000 7,500	7,000 4,800	9,500 6,600	7,000 4,800	10,500 7,200	7,500 5,100	
	A	21,000	16,500	11,000	7,000	9,500	7,000	10,500	7,500	3,000 NP 3,000
H-3	S	UL 7 UL	6 6 6	4 4 4	2 2 2	4 3 4	2 2 2	4 4 4	2 2 2	1 1 1
		UL 28,800	60,000 22,800	26,500 15,000	14,000 9,600	17,500 13,200	13,000 9,600	25,500 14,400	10,000 10,200	5,000 4,800
	A	UL	60,000	26,500	14,000	17,500	13,000	25,500	10,000	5,000
H-4	S	9 7 9	8 7 8	5 5 5	3 3 3	5 4 5	3 3 3	5 5 5	4 3 4	3 2 3
		UL UL	UL 34,200	37,500 22,500	17,500 14,400	28,500 19,800	17,500 14,400	36,000 21,600	18,000 15,300	6,500 7,200
	A	UL	UL	37,500	17,500	28,500	17,500	36,000	18,000	6,500
H-5	S	4 3 4	4 3 4	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	2 2 2
			UL 34,200	37,500 22,500	23,000 14,400	28,500 19,800	19,000 14,400	36,000 21,600	18,000 15,300	9,000 7,200
	A	UL UL UL	UL	37,500	23,000	28,500	19,000	36,000	18,000	9,000
I-1	S	UL UL NP	9 9 NP	4 4 NP	4 4 NP	4 4 NP	3 3 NP	4 4 NP	3 3 NP	2 2 NP
		UL UL	55,000 19,950	19,000 13,125	10,000 8,400	16,500 11,550	10,000 8,400	18,000 12,600		4,500 4,200
	A	NP	NP	NP	NP	NP	NP	NP	10,500 8,925 NP	NP
I-2	S	UL UL UL	4 4 12	2 2 3	1 1 1	1 1 1	NP NP NP	1 1 1	1 1 1	NP NP NP
		UL UL	UL 17,100	15,000 11,250	11,000 7,200	12,000 9,900		12,000 10,800	9,500 7,650	
	A	UL	UL	15,000	11,000	12,000	NP NP NP	12,000	9,500	NP NP NP

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		Ttype I		Type II		Type III		Type IV	Type V	
		A	B	A	B	A	B	HT	A	B
I-3	S	UL UL 7	4 4 11	2 2 2	1 1 1	2 2 2	1 1 2	2 2 2	2 1 2	1 NP 1
		UL UL	UL 14,250	15,000 9,375	10,000 6,000	10,500 8,250	7,500 6,000	12,000 9,000	7,500 6,375	
	A	UL	UL	15,000	10,000	10,500	7,500	12,000	7,500	5,000 NP 5,000
I-4	S	UL UL UL/2	5 4 12/2	3 2 6	2 1 4	3 1 1	2 NP 1	3 1 1	1 1 1	1 NP 1
		UL UL	60,500 17,100	15,000 11,250	13,000 7,200	23,500 9,900	13,000 NP	25,500 10,800	18,500 7,650	
	A	UL	60,500	15,000	13,000	23,500	13,000	25,500	18,500	9,000 NP 9,000
M	S	UL UL UL	11 6 11	4 4 4	2 2 4	4 3 4	2 2 4	4 4 4	3 2 3	1 1 1
		UL UL	UL 28,800	21,500 15,000	12,500 9,600	18,500 13,200	12,500 9,600	20,500 14,400	14,000 10,200	9,000 4,800
	A	UL	UL	21,500	12,500	18,500	12,500	20,500	14,000	9,000
R-1	S	UL UL UL	11 9 11	4 4 4	4 3 4	4 4 4	4 3 4	4 4 4	3 3 3	2 2 2
		UL UL	UL 22,800	24,000 15,000	16,000 9,600	24,000 13,200	16,000 9,600	20,500 14,400	12,000 10,200	7,000 4,800
	A	UL	UL	24,000	16,000	24,000	16,000	20,500	12,000	7,000
R-2	S	UL UL UL	11 9 11	4 4 4	4 3 4	4 4 4	4 3 4	4 4 4	3 3 3	2 2 2
		UL UL	UL 22,800	24,000 15,000	16,000 9,600	24,000 13,200	16,000 9,600	20,500 14,400	12,000 10,200	7,000 4,800
	A	UL	UL	24,000	16,000	24,000	16,000	20,500	12,000	7,000
R-3	S	UL UL UL	11 4 11	4 4 4	4 3 4	4 4 4	4 3 4	4 4 4	3 3 3	2 2 2
		UL UL	UL 22,800	UL 15,000	UL 9,600	UL 13,200	UL 9,600	UL 14,400	UL 10,200	UL 4,800
	A	UL	UL	UL	UL	UL	UL	UL	UL	UL
R-4	S	UL UL UL	11 4 11	4 4 4	4 3 4	4 4 4	4 3 4	4 4 4	3 3 3	2 2 2
		UL UL	UL 22,800	24,000 15,000	16,000 9,600	24,000 13,200	16,000 9,600	20,500 14,400	12,000 10,200	7,000 4,800
	A	UL	UL	24,000	16,000	24,000	16,000	20,500	12,000	7,000
S-1	S	UL UL UL	11 5 11	4 4 4	2 2 4	3 3 3	2 2 3	4 4 4	3 2 3	1 1 1
		UL UL	48,000 19,950	26,000 13,125	17,500 8,400	26,000 11,550	17,500 8,400	25,500 12,600	14,000 8,925	9,000 4,200
	A	UL	48,000	26,000	17,500	26,000	17,500	25,500	14,000	9,000
S-2	S	UL UL UL	11 7 11	5 5 5	3 3 4	4 4 4	3 3 4	5 5 5	3 3 4	2 2 2
		UL UL	79,000 34,200	39,000 22,500	26,000 14,400	39,000 19,800	26,000 14,400	38,500 21,600	21,000 15,300	13,500 7,200
	A	UL	79,000	39,000	26,000	39,000	26,000	38,500	21,000	13,500
U	S	UL UL *	6 6	4 4	2 2	3 3	2 2	4 4	2 2	1 1
	A	UL UL	35,500 19,950	19,000 13,125	8,500 8,400	14,000 11,550	8,500 8,400	18,000 12,600	9,000 8,925	5,500 4,200

For Building Code Review Board Use:

Not approved: _____ Approved: ✓ Approved with modifications: _____

Scheduled Hearing Date: 3-14-2014 Exhibit #: BD-09-01-13P

Chair's Signature: _____ Date: 3-14-2014

Printed Name: Shawn G. Bergeron Sr