

**ITEMS FOR EBCNYS14 TECHNICAL SUBCOMMITTEE REVIEW**

**DIVISION OF CODE ENFORCEMENT AND ADMINISTRATION – DEPARTMENT OF STATE**

Changes between the 2010 EBCNYS and 2012 IEBC

This chart indicates significant changes between the 2010 Existing Building Code of New York State and the 2012 International Existing Building Code. These changes are marked with an “X” under the left hand column were items the Subcommittees voted on. A “CC” in that column indicates it is an issue worthy of Code Council attention.

11/13/12

	<u>2010 EBCNYS</u>	<u>2012 IEBC</u>	<u>Change</u>	<u>Recommendation</u>	<u>Comments</u>
	<u>Chapter 2</u>	<u>Chapter 2</u>			<u>Definitions</u>
CC			Chapter 11 of 2012 IFC coordinated with 2014 EBCNYS	Staff will review Chapter 11 of the Fire Code and Existing Building Code of New York State to avoid conflicts and provide uniform requirements.	
X	Substantial structural damage	Substantial structural damage	Change from 20% reduction in capacity to 33%	Accept 2012. 5/15/12	More practical percentage. Term used to define and require review of structural work in several sections of the code.
X	Unsafe Buildings or Equipment	Unsafe	Change in term and definition	Accept 2012. 5/15/12	Includes “vacant structures.” Discussion established that it would be practical to enforce even if there were many vacant structures in a municipality. In PMC 108 – need to coordinate.
		Chapter 3			<u>Compliance Methods</u>
X	101.5	301.1	Similar exception	Delete Exception in 2012. 5/29/12	General requirements. Allows Code official to do work on existing buildings using previously ICC - based codes. NY never used legacy codes and much building stock was built before codes so it is not an appropriate allowance for New York. Also gives too much latitude to code officials.
CC		301.2  301.?	Additional codes	Correct 2012 to say “except for ECCCNY.” 5/15/12  Staff to clarify language, when new systems go	If conflicting codes, Energy Conservation Construction Code prevails by law – a problem in NY with ECCCNY.  Add language to Chapters 1 and 3 to state any new systems must meet requirements of the BC (in response to solar panels on roofs, and replacement of old air handling unit with new).

				in they must meet new requirements. Add one line to Chapter 1 and/or 301.2. 10/25/12	
	<b>Chapter 3</b>	<b>Chapter 4</b>			<b>Prescriptive Compliance Method</b>
X	301.1	401.1	New word "historic" and added reqmts.	Accept 2012 text. 5/29/12	Historic buildings now included in the prescriptive compliance method. Was not in the 2010 EBCNYS (see Section 408).
X		401.3	New section	Delete this section. 5/29/12	Dangerous conditions. Dangerous conditions already in PMC and FC which appears more appropriate than EBC.
X	302.1.1	402.2 403.2 404.5	FEMA variances. Different section and paragraph	Accept 2012. 6/7/12	Additions in flood hazard areas that are not substantial improvements need not comply with new requirements. Makes code easier to use and construction more reasonable.
X		404.2,.3 &.4	Structural	Accept 2012 except delete reference to one and two family homes. 7/5/12	Substantial structural damage. Lessening of requirements and exemption of 1 and 2 family homes – original requirements too costly. Now no requirements if structural damage was not caused by seismic event. JB will supply explanation for Code Council. Coordinate with RC re: one and two family homes. Same as 606.2.2 and 606.2.3.1
X	306	408	Historic requirements changed	Accept 2012. 10/31/12	Historic buildings now included in the prescriptive compliance method. Was not in the 2010 EBCNYS (see Section 408). Now have flood hazard reqmts/ exception.
X	308	410	Accessibility - Changed requirements for accessibility & new historic buildings accessibility reqmts.	Accept 2012.10/31/12	Historic building. This section deals with less restrictive requirements.
	<b>Chapter 4</b>	<b>Chapter 5</b>	No changes		<b>Classification of Work</b>
	<b>Chapter 5</b>	<b>Chapter 6</b>			<b>Repairs</b>
X	502.2	602.3	Glazing reqmts changed. From replace in kind to conform to BC	Retain 2010, Ex 2. NY 2007 modification. 6/7/12	Glazing in hazardous locations. Lose ability to repair using historic glazing materials. Retain exception for historic glazing.
CC	503.2 &.3		NY mod foam plastic in nightclubs and CO alarms	Retain 2010 modifications. 6/7/12 Add to performance and prescription chapters. 8/9/12	Foam plastic in nightclubs. NY modifications. Coordinate with the 3 compliance methods for the first time.
X		606.2.2 and 606.2.3.1	Structural	Accept 2012 except delete reference to one and two family homes.	Substantial structural damage. Lessening of requirements and exemption of 1 and 2 family homes – original requirements too costly. Now no requirements if structural damage was not caused by seismic event. JB will supply explanation for Code Council. Coordinate with RC re: one and two

				7/5/12	family homes. Same as 404.2, .3 &.4
X		608.2	New reqmt.	Delete this section. 7/5/12	Mechanical draft systems. System may be used. Same requirement in the MC, so not needed in the EBC.
	<b>Chapter 6</b>	<b>Chapter 7</b>			<b>Alterations Level 1</b>
X	603.2		NY mod – foam plastic in nightclubs.	Retain 2010 modification. Add to the performance and prescriptive chapters. 8/9/12	Foam plastic in nightclubs. NY modification. Coordinate with the 3 compliance methods for the first time.
X	605	705	Changes to accessibility reqmts.	Accept 2012. 8/23/12	Accessibility. 2012 requirements less restrictive than 2010 NY modifications.
X	606	706	Roofing, structural.	Accept 2012 version but remove references to Residential Code and permitting. 6/7/12	Roofing.
CC	608	708 (new)	Reroofing. Add a new section 708	Accept 2012 version of Section 1510 of BC. Staff to clarify language, when new systems go in they must meet new requirements. Add one line to Chapter 1 and/or 301.2. 10/25/12	Reroofing. Coordination – should be removed from BC. 6/7/12 Add language to Chapters 1 and 3 to state any new systems installed must meet requirements of the BC (in response to solar panels on roofs and new air handling unit installed).
CC		712.1	Fuel Gas. CSST bonding To coordinate with other codes	Accept NY mod. New. Also put in Chapter 3?? 10/25/12	<u>712.1 CSST. Corrugated stainless steel tubing (CSST) gas piping systems that are extended or altered shall be bonded in conformance with Section 310 of the Fuel Gas Code of New York State.</u>
	<b>Chapter 7</b>	<b>Chapter 8</b>			<b>Alterations Level 2</b>
CC	701.3	801.3	NY mod – ceiling height 6’8” instead of 7’0”	Retain 2010 modification. 6/21/12	NY modification. Many pre-existing buildings that cannot increase ceiling height. Significantly fewer variances since this modification was added to code.
CC		802.1	Scoping provisions of 2010 Chapter 1	Delete entire Section 802 and renumber or reserve. 7/5/12	General. If remove that reference it is consistent with the 2010 text. Delete entire section because there are no scoping provisions in Chapter 1.
CC	703.2.1 Ex.5	803.2.1 Ex.5	Allows enclosure specified in 803.2.1	To be coordinated with the FC, which will refer to meeting the requirements of the	The EBC requirements will be referred to in Chapter 11 of the FC. Not a change in requirements, but coordination between two codes.

				EBC. 8/9/12	
CC	703.2.1.Ex. 12	803.2.1.Ex. 12	Change from R-3 to one-and two-family dwellings	Retain NY modification from 2010 reference to R-3 6/21/12	Existing vertical openings, one and two family dwellings. Remove any mention of 1 and 2 family dwellings because that occupancy is not covered in this code.
X		804.1.1	New section	Accept 2012. 6/21/12	Corridor ratings. Allows lesser corridor ratings if area is sprinklered. Same as BC.
X		804.1.3 (new)	New NY mod. Dan Nichols	?? Dan did not submit proposal	Require R occupancies to be sprinklered when they meet the requirements of Tables 705.3.1.1(2). Dan N. to submit proposal. 8/9/12
X	704.2.2	804.2.2	Added B occupancy, and clarified	Accept 2012. 8/9/12	Sprinkler systems for Groups A, B, E, F, H, I, M, R, S. B is new but refers to FC which states only ambulatory care B occupancies need to be sprinklered.
X		804.2.2 Ex.2	If insufficient water, must have s.d.	Accept 2012. 7/5/12	Insufficient water, add smoke detection. New requirement adds some cost.
X	704.2.3	804.2.3	Windowless stories. Water supply.	Accept 2012. 7/5/12	More restrictive. Change from water available to the floor to water available to the building without installation of new fire pump.
X	704.2.4	804.2.4	Refers to different section in BC (903.12) clarifies. Change in terms from "sprinkler protection" to "system"	Accept 2012 and coordinate if FC subcommittee changes requirements. 7/5/12	Sprinkler systems. More flexibility and new sprinkler technology can now be used.
X	704.2.5	804.2.5	2012 requires approval by the CEO	Accept 2012. 7/5/12	Local alarm supervision. More restrictive than 2010 – will only be allowed per 2012 if CEO approves. Gives CEO flexibility regarding local conditions and/or the size of the business requiring alarms.
X	704.3 and Ex.1	804.3 and Ex. 1	Changed reqmts. for standpipes	Accept Dan's language.10/25/12	Maintaining the 30' and that the exception be changed to read- <u>"On buildings less than 75 feet in height, No pump shall be required....."</u> Requirements for existing buildings in the Fire Code allow 30', so will have consistency with existing buildings. Want wet standpipe to prevent corrosion and fire truck pumper.
X	705.3.1.1	805.3.1.1	Single exit bldg. changed and expanded to B, M and S occupancies.	Stay with 2010 requirements in text and tables, work on clarity of the table and add B, M and S2 occupancies to Item 1 and more clearly address mixed use buildings. 10/25/12	Single exit buildings. The 2012 ICC requirements are considered a problem: 1. Smokeproof enclosures, which are very difficult to build on existing buildings. 2. Allowed unlimited height for R-2 occupancies, which appeared too permissive. 3. No sprinkler requirements. Kept NY modifications as is because they appear to work well for Main Street buildings in New York and sprinklers are required in many situations.
X	705.3.1.2.1	805.3.1.2.1	Fire escape new and changed reqmts. and deletion of termination & bigger egress	Accept 2102. 9/27/12	Fire escape access requires bigger egress windows. Limited to new fire escape at grade.

			windows.		
X	705.3.3	805.3.3	NY mod – 100 instead of ICC - 300 people/main entrance	Accept 2012. 10/25/12	Main entrance – Group A. Accepted the ICC requirements after many years of having the NY modification because the ICC compensates for the extra people with other code requirements.
X	705.4.3.1	805.4.3.1	Door closers	Accept 2012. 10/25/12	Supplemental requirements for door closing. Now includes level of exit discharge.
X	705.5 Ex.4	805.5.1 Ex. 4	Group homes door closers	Accept 2012. 10/25/12	Corridor doors, group homes (was also in 2010) A corridor for a group home starts at 10 people (per BC Table 1018.1), so it is a slight issue.
X	705.7.3	805.7.2	Means of egress lighting	Retain 2010 text, but Dan Nichols to get back on this after ICC votes. 10/25/1	Supplemental requirements for means of egress lighting. 2012 has a lessening of requirements – no longer includes exits, only the floor which was on concern to the subcommittee.
X	705.11		Elevator section removed	Accept 2012. 10/11/12	Delete this section that was in 2010 code.
X	706.3	806.3, .4 and .5	Accessible. New term? Also, NY mod re: Type B units .4 and .5 new	Accept 2012. 8/23/12	Dwelling and sleeping units. Accessibility.
X	804.1.2	904.1.2	Must sprinkler, even if insufficient water	Accept 2012. 9/27/12	Rubbish chutes are very dangerous and should be sprinklered. Can be closed off if sprinklering is too expensive.
X	804.2	904.2	Fire alarm and detection system	Adopt new NY mod. 10/11/12	Changed because the 2012 has insufficient requirements for A, F, H & M occupancies. 904.2 will read: <u>Fire alarm and detection systems. Fire alarm and detection systems shall be provided throughout the building in accordance with the BCNYS.</u>
X	806.1 & .2	906.1 & .2	Accessibility. Type B units and exceptions	Accept 2012. 8/23/12.	Accessibility. This was a NY mod in the 2010 code.
	<b>Chapter 9</b>	<b>Chapter 10</b>			<b>Change of Occupancy</b>
X	902.1	1002.1	Special use and occupancy.	Accept 2012. 10/25/12	The only ICC change is a new special occupancy – ambulatory care.
CC	907	1007	Structural	Accept 2012. 10/25/12	Snow and wind loads, compliance with BCNYS level seismic forces. Essentially the same as 2010 code but has option of using ASCE 41 as an alternative.
X	912.4.1 Ex.7	1012.4.1 Ex.7	Larger emergency escape window req.	Accept 2012. 9/27/12	Change in window size from 18” to 22”. Allows access by firemen with airpacks.
X		1012.5.1.1	New section on fire wall alternatives	Accept 2012. 9/27/12	NY mill building issue which was a change made by the DOS Codes Division and accepted by the ICC. Provide fire separations with limited fire areas and buildings must be sprinklered.
X	912.8 Ex. 7 & 8	1012.8	Accessibility - new requirements	Accept 2012. 8/23/12	Accessibility. There were 8 exemptions, one of which was a NY mod. This was dropped in lieu of adopting the 2012 version.
	<b>Chapter 10</b>	<b>Chapter 11</b>			<b>Additions</b>
X	1002.2	1102.2	Change from fire	Accept 2012. 9/27/12	Remove NY mod Exception so entire section is consistent with 2012 ICC.

			wall to fire separation		
X	1002.2 Exc. 2		Area limitations for additions	Accept 2012. 9/27/12	Less restrictive than NY mod because fire separations are required now instead of fire walls.
	1003	1103	Seismic	Accept 2012. 10/25/12	Vertical and horizontal additions. Differentiate between wind and seismic loads.
X		1104 and 1104.1	Adds all R and I occupancies to comply with smoke alarm requirements as required by 1103.8 of the FCNYS	Accept 12. 9/27/12	NFPA allows 10 year battery when walls are not opened up. Coordinate with Fire Code. Upgrade in safety, not a significant cost.
X		1105.1	Accessibility -adds sections 806 and 906 to be complied with	Accept 2012. 8/23/12	Accessibility. Additions shall have accessibility provisions required for new construction .
	<b>Chapter 11</b>	<b>Chapter 12</b>			<b>Historic Building</b>
X	1102.2	1202.2	Unsafe conditions	Accept 2012. 10/11/12	CEO responsible for making decision
X	1102.5	1202.4	Changes to replacement materials	Retain 2010, Ex 2. NY 2007 modification. 10/11/12	Glazing in hazardous locations. Lose ability to repair using historic glazing materials. Retain exception for historic glazing.
X	1103.4	1203.4	No longer allows transoms in B occupancy & does away with exc.	Retain modification. 10/11/12	Less flexibility, so keep NY mod.
X	1103.12.2		Section on paneled doors removed in 2012	Retain modification. 10/11/12	NY modification.
X	1104.1.4	1204.1 & 1.4	Accessibility -new exception for Type B dwellings and toilet rooms	Accept 2012. 8/23/12	Accessibility –Change from “unisex” to “family and assisted use” toilet rooms. Also changed from one toilet room for each sex to one room.
X	1105.13	1205.13	No longer includes B occupancy	Retain modification. 10/11/12	NY modification. Can be a burden in B occupancies not to allow this
X	1105.15	1205.15	Accessibility Word change and new exception	Accept 2012. 8/23/12	Accessibility
	<b>Chapter 12</b>	<b>Chapter 13</b>			<b>Relocated or Moved Buildings</b>
CC	1202.3Ex.2	1302.3Ex.2	Changes stress allowed from 5 to 10%	Accept 2012. 10/11/12	Hard to distinguish between 5 and 10 %.
CC	1202.3Ex.2	1302.3Ex.2	Change stress	Accept 2012. 10/11/12	Hard to distinguish between 5 and 10 %.

			allowed from 5 to 10%		
	<b><u>Chapter 13</u></b>	<b><u>Chapter 14</u></b>			<b><u>Performance Compliance Methods</u></b>
X	1301.2.5	1401.2.5	Accessibility - reference to different section	Accept 2012. 8/23/12	Accessibility. Requirements of entire Accessibility Chapter 11 in 2010 code vs. only section on stages and platforms in 2012 code.
X	1301.6.13 1016	1401.6.13 1016.1	Different sections referred to BC	Accept 2012. 10/25/12	I-1 not permitted in 2012 version. More footnotes and uses such as pedestrian walkways so more portions of the building must conform.
	<b><u>Chapter 14</u></b>	<b><u>Chapter 15</u></b>			<b><u>Construction Safeguards</u></b>
CC	<b><u>Chapter A1</u></b>	<b><u>Chapter A1</u></b>	One change to A110.2 Exception – add flexible floor.	Accept 2012. 10/25/12	Seismic strengthening provisions for unreinforced masonry bearing wall buildings. For computing diaphragm forces – rigid vs. flexible diaphragm. Clarification so can use the correct load with correct construction configuration.
	<b><u>Referenced Standards</u></b>	<b><u>Referenced Standards</u></b>			
CC		<b><u>Appendix B</u></b>		Do not adopt - 2010 Appendix B Reserved	Supplementary Accessibility requirements. Was not adopted in the 2010 EBCNYS
CC		<b><u>Appendix C Chapter C1</u></b>	Voluntary requirements for residences	Delete. 10/25/12	Voluntary standard, so not appropriate to include in code. Gable end retrofit for high-wind areas
CC		<b><u>Chapter C2</u></b>	Voluntary requirements for one and two family residences	Delete. 10/25/12	Voluntary standard, so not appropriate to include in code. Roof deck fastening for high-wind areas