

ITEMS FOR EBCNYS TECHNICAL SUBCOMMITTEE REVIEW
2006 EXISTING BUILDING CODE TECHNICAL SUBCOMMITTEE REVIEW
DIVISION OF CODE ENFORCEMENT AND ADMINISTRATION - DEPARTMENT OF STATE

Changes between the 2003 and 2006 IEBC

Items **bolded** require the study of the Subcommittee

11/02/2007

ITEM NO. Status (shaded items have been resolved)	EBCNYS SECTION	2006 IEBC SECTION	TITLE	SUMMARY
1.* Delete section, revise 19 NYCRR Part 1203		104.2	Preliminary meeting	(not in NYS code) Changed from when requested by the permit applicant to when requested by the permit applicant <u>or code official.</u>
2. Will vote on 11/07		301	General	Clarifies the options of compliance with Chapter 3 or with the compliance alternatives in Section 101.4
3. Will vote on 11/07		302-308	Additions, Alterations and Repairs	Adds the option of compliance with Chapter 34 of the IBC for additions, alterations or repairs, fire escapes, glass replacement, change of occupancy, historic buildings, moved structures and accessibility for existing structures by adding the applicable sections of IBC Chapter 34 into IEBC new Chapter 3.

<p>4. Do not delete this section – retain because of nightclub issue.</p>			<p>Special Use and Occupancy</p>	<p>Entire old section deleted - 402 Special Use and Occupancy</p>
<p>5. Vote unanimous to adopt text.</p>		<p>506.1.1.1 506.1.1.2 Table 506.1.1.2 506.1.1.3</p>	<p>Structural. Seismic evaluation and design procedures</p>	<p>More detailed and specific language added regarding when seismic forces design procedures are required to meet the IBC level and specifically when seismic forces are permitted to meet reduced IBC levels.</p>
<p>6. vote unanimous to adopt text</p>		<p>506.2</p>	<p>Repairs to damaged buildings</p>	<p>Much more detailed. Broken down into more specific situations regarding compliant and noncompliant buildings and more specific structural situations.</p>
<p>7. Clarification – retain new text, delete old 407.2</p>		<p>507.2</p>	<p>Reduction of Strength</p>	<p>Entire old section deleted 407.2 Reduction of Strength</p>
<p>8. Vote unanimous to adopt 2006 text and delete NY mod text</p>		<p>508</p>	<p>Mechanical</p>	<p>Specifically states repair should not make the building less conforming and does not give extra allowance for historic buildings.</p>

<p>9. Do not delete this section – retain because of NY nightclub issue</p>			<p>Special Use and Occupancy</p>	<p>Entire old section deleted - 502 Special Use and Occupancy</p>
<p>10. Vote unanimous to adopt 2006 text</p>		<p>605.1</p>	<p>Accessibility Exception 4</p>	<p>New section - building that is is constructed or altered to be accessible shall be maintained accessible. New section - alteration of Type A individually owned R-2 occupancy shall conform to Type B, Chapter 11 and ANSI requirements.</p>
<p>11. Vote unanimous to adopt text.</p>		<p>606.2.1</p>	<p>Structural Addition or replacement of roofing or replacement of equipment</p>	<p>Added language allowing an additional layer of roof covering weighing 3 pounds per square foot or less to be applied over an existing single layer of roof covering without requiring the structural system supporting the roofing to comply with the vertical load requirements of the IBC.</p> <p>Note: issue of different re-roofing requirements in Building Code and Existing Building Code yet to be resolved. Ray will share new text with subcommittee when it is finished.</p>
<p>12. Appears to be a reduction of reqmts – vote on 11/07</p>		<p>704.2.1</p>	<p>Fire Protection. Automatic sprinkler system. High rise buildings.</p>	<p>Old - work areas should be provided with sprinklers when work area is on floor that has sufficient water from existing standpipe or riser serving floor. New - work areas that include exits or corridors shared by more than 1 tenant or serve more than 30 tenants shall be provided with sprinklers when the entire work area is located on a floor that has sufficient water from standpipe or riser serving floor.</p>

<p>13. New issue – why no R-1 and R-2 in the 2007 EBCNYS? Vote 11/07</p>		<p>705.3.1.1. (2) and (4)</p>	<p>Means of egress. Number of exits. Minimum number. Single exit buildings</p>	<p>Increases the allowable floor area per floor for Group B, F-2 and S-2 occupancies from 3,000 to 3,500 square feet. Old text stated 605.3.1.1.4. “Groups R-1 and R-2, except that in community residences for the developmentally disabled, the maximum occupant load excluding staff is 12.” New text removes reference to Groups R-1 and R-2.</p>
<p>14. Vote unanimous to adopt text.</p>		<p>707.4.2</p>	<p>Structural. Existing structural members. Lateral loads</p>	<p>Increases the maximum allowable seismic base shear increase for an Alteration Level 2 from 5 to 10 percent. Adds a maximum 10 percent limitation to the allowable decrease in base seismic shear capacity. Language was also added that allows the change in base shear to be calculated relative to the buildings’ current base shear capacity if it was increased since the original construction of the building.</p>
<p>15. Vote unanimous to adopt text.</p>		<p>802.1.2</p>	<p>Elevators</p>	<p>Adds reference to ASME A17.3 for emergency operation of existing elevators and ASME A17.1 for emergency recall operation of new elevators.</p>
<p>16. Rob to research – vote on 10/31. Did not get to this on 10/31, vote now on 11/07.</p>		<p>804.2.1</p>	<p>Manual fire alarm systems</p>	<p>Adds requirements for the installation of a manual fire alarm system throughout all work areas of a Level 3 alteration when required by the IBC. Deletes old Exception that stated: “Where the IBC does not require a manual fire alarm.”</p>

17. Vote unanimous to adopt text		804.2.2	Automatic fire protection	Adds requirements for the installation of a automatic fire detection system throughout all work areas of a Level 3 alteration when required by the IBC.
18. Vote unanimous to adopt text		807.5	Structural alterations	Change - increases from 5% to 10% base shear or if base shear capacity is decreased by more than 10% because of alterations. New Exception 3 - if building base shear capacity has been increased since the original construction, the % change shall be permitted relative to the increased value.
19.		807.5.2	Substantial structural alterations	<p>New section heading (these requirements were previously located under the heading Structural Alterations).</p> <p>Two exceptions from the old code were deleted. They were:</p> <ol style="list-style-type: none"> 1. Buildings of Group R occupancy with no more than 5 dwelling units or sleeping units used solely for residential purposes that are altered based on conventional light frame construction methods, the IBC or in compliance with the RC. 2. Where such alterations involve only the lowest story of a building and the change of occupancy provisions of the Change of Occupancy chapter do not apply, only the lateral-force-resisting components in and below that story need comply with this section. <p>Also deleted are specifics of what specific building components are involved in the computation of the 30% figure of the floor and roof areas involved in structural alterations.</p>

20.		807.7	Voluntary lateral-force-resisting alterations	Adds the words: Alterations of existing structural elements <u>and additions</u> of new structural elements . . . and In Exception 2. <u>Either the [L]lateral loading to existing structural elements is not increased beyond their capacity or the lateral loading to structural elements is not increased by more than 10%.</u>
21.		901.1	Scope	Scoping provisions are now provided as defined by 202, including: 1. Where the occupancy classification is not changed, or 2. Where there is a change in occupancy classification or the occupancy group designation changes.
22.		901.2	Change in occupancy with no change of occupancy classification	Added requirements for changes of occupancy with no change of occupancy classification to comply with the International Codes subject to the approval of the code official and the issuance of a certificate of occupancy for the change of occupancy.
23.		907.3.1	Compliance with the International Building Code	Defines parameters when compliance with the Building Code is required for a change of occupancy, and /or a portion the floors or level of alteration work that is involved. Language change - old code - “ <u>and</u> a change of Group M occupancy . . .” to “ <u>or</u> a change of Group M occupancy . . .” Deletes old Exception 4 having to do with a new occupancy of higher hazard category and lateral-force-resisting elements. New - permits the use of Reference Standard - GSREB [Guidelines for Seismic Retrofit of Existing Buildings] under specific conditions.
24.		912.1	Change of occupancy classification. General	New section. Addresses compliance path provisions for different change of occupancy situations.

25.		912.1.1	Compliance with Chapter 8	Deletes the old exception that allowed compliance with the chapter when the change of occupancy situation complies with the requirements in the section titled: “Change of occupancy classification to an equal or lesser hazard in all three hazard classifications.”
26.		912.1.4	Accessibility	New section. Requires all buildings undergoing a change of occupancy classification shall comply with 912.8 (appears to be included here to assure the code user refers to 912.8, which specifies accessibility requirements).
27.		912.3	Interior finish	New section. Interior Finishes requires compliance with the BCNYS for interior finish of walls and ceilings for those areas of the building undergoing a change of occupancy.
28.		912.5.1	Height and area for change to higher hazard classification	Deleted the exception: “A one story building changed to Group E shall not be required to meet the area limitations of the International Building Code.”
29.			Seismic loads	Deleted (was old Section 812.6). It did state: “Existing buildings with a change of occupancy classification shall comply with the seismic provisions of Section 807.3.”
30.		1001.1	Scope	New code states addition must comply with the International Codes, the old code required compliance with “building, plumbing, electrical and mechanical codes.” The exception to flood hazard areas was removed. New - text which states, “Where the addition impacts the existing building or structure, this portion shall comply with this code.”

31.		1003.3	Structural. Lateral-force-resisting systems	<p>1. Removed Exception: Structural elements whose stress is not increased by more than 5 %.</p> <p>2. Exception that was Number 2 in old code renumbered in new code to Number 1.</p> <p>3. New Exception 2. In other existing buildings where the lateral force story shear in any story is not increased by more than 10% cumulative.</p>
32.		1003.3.2	Horizontal addition	Following old language deleted from this section: “Lateral loads imposed on the elements of the existing structure and the addition shall be determined by a relative stiffness analysis of the combined structure including torsional effects.”
33.		1004	Smoke alarms in occupancy Groups R03 and R-4	<p>Following entire section removed: “904.1 Smoke alarms in an addition. Whenever an addition is made to a building or structure of a Group R-3 or R-4 occupancy, the existing building shall be provided with smoke alarms as required by the BC of NYS or RC of NYS as applicable.”</p> <p>(Section that was 804.2 in the old code book was renumbered to 904.1.)</p>
34.		1005	Accessibility	Change from reference from 506.2 (a small portion of the Accessibility section which is labeled “Alterations affecting an area containing a primary function”) for accessible routes to Section 605 (the entire Accessibility section).
35.		1104.1.4	Alterations. Ramps	Entire section removed. Had stated in the previous code, “Ramps. The slope of a ramp run of 24 inches (610 mm) maximum shall not be steeper than one unit vertical in eight units horizontal (12-percent slope).”

