

CONSTRUCTION CODE REVISIONS

2012 GENERAL SESSION

STATE OF UTAH

Chief Sponsor: Gage Froerer

Senate Sponsor: J. Stuart Adams

LONG TITLE

General Description:

This bill modifies a provision amending the state construction code.

Highlighted Provisions:

This bill:

► modifies a provision requiring an engineer evaluation of certain buildings built before 1975;

► ~~§~~ temporarily ~~←~~ eliminates a requirement that the evaluation occur when the building is undergoing reroofing or an alteration of or repair to certain features; and

► replaces that requirement with a ~~§~~ temporary ~~←~~ requirement that the evaluation occur when the building is undergoing structural alterations or repairs, and specifies what is not included in structural alterations or repairs.

Money Appropriated in this Bill:

None

Other Special Clauses:

None

Utah Code Sections Affected:

AMENDS:

15A-3-113, as enacted by Laws of Utah 2011, Chapter 14

Be it enacted by the Legislature of the state of Utah:



28 Section 1. Section **15A-3-113** is amended to read:

29 **15A-3-113. Amendments to Chapters 32 through 35 of IBC.**

30 (1) A new section IBC, Section 3401.6, is added as follows: "3401.6 Parapet bracing,
 31 wall anchors, and other appendages. ~~§~~→ **[Buildings] Until June 30, 2014, a building** ←~~§~~
 31a constructed before 1975 shall have parapet
 32 bracing, wall anchors, and appendages such as cornices, spires, towers, tanks, signs, statuary,
 33 etc. evaluated by a licensed engineer when [said] the building is undergoing [reroofing, or
 34 alteration of or repair to said feature.] structural alterations ~~H~~→ **, which may include structural**
 34a **sheathing replacement of 10% or greater,** ←~~H~~ **or** ~~H~~→ **other** ←~~H~~ **structural repairs. Reroofing**
 34b **or**
 35 **water membrane replacement may not be considered a structural alteration or repair for**
 36 **purposes of this section.** ~~§~~→ **[Such parapet] Beginning July 1, 2014, a building constructed**
 36a **before 1975 shall have parapet bracing, wall anchors, and appendages such as cornices, spires,**
 36b **towers, tanks, signs, statuary, etc. evaluated by a licensed engineer when the building is**
 36c **undergoing reroofing or alteration of or repair to the feature. Parapet** ←~~§~~ bracing, wall
 36d anchors, and appendages ~~§~~→ **required by this section** ←~~§~~ shall be
 37 evaluated in accordance with 75% of the seismic forces as specified in Section 1613. When
 38 allowed by the local building official, alternate methods of equivalent strength as referenced in
 39 an approved code under Utah Code, Subsection 15A-1-204(6)(a), will be considered when
 40 accompanied by engineer-sealed drawings, details, and calculations. When found to be
 41 deficient because of design or deteriorated condition, the engineer's recommendations to
 42 anchor, brace, reinforce, or remove the deficient feature shall be implemented.

43 Exceptions:

- 44 1. Group R-3 and U occupancies.
- 45 2. Unreinforced masonry parapets need not be braced according to the above stated provisions
- 46 provided that the maximum height of an unreinforced masonry parapet above the level of the
- 47 diaphragm tension anchors or above the parapet braces shall not exceed one and one-half times
- 48 the thickness of the parapet wall. The parapet height may be a maximum of two and one-half
- 49 times its thickness in other than Seismic Design Categories D, E, or F."

50 (2) IBC, Section 3408.4, is deleted and replaced with the following: "3408.4 Change in
 51 Occupancy. When a change in occupancy results in a structure being reclassified to a higher
 52 Occupancy Category (as defined in Table 1604.5), or when such change of occupancy results in
 53 a design occupant load increase of 100% or more, the structure shall conform to the seismic
 54 requirements for a new structure.