

**CALIFORNIA BUILDING STANDARDS COMMISSION
BUILDING CODE, and EXISTING BUILDING CODE WORKSHOP
November 6, 2014 - Agenda Item 3a**

**DRAFT EXPRESS TERMS for the 2016
CALIFORNIA BUILDING CODE, PART 2,
CALIFORNIA BUILDING STANDARDS CODE, TITLE 24,
CALIFORNIA CODE OF REGULATIONS**

LEGEND FOR DRAFT EXPRESS TERMS

1. Existing California amendments or code language being modified are in italics when they appear in the model code text: All such language appears in *italics*, modified language is underlined.
2. New California amendments: All such language appears underlined and in italics.
3. Repealed text: All such language appears in ~~strikeout~~.
4. *[Information for the reader: All such language is bracketed and in red italics]*

WORKSHOP DRAFT EXPRESS TERMS

Statement of specific purpose, problem, rationale and benefits:

The California Building Standards Commission (CBSC) currently adopts Chapter 15 Roof Assemblies and Rooftop Structures with various California amendments. CBSC coordinates adoption and amendments with the Division of the State Architect- Structural Safety Division (DSA-SS) and the Office of the State Fire Marshal (SFM) for application to State owned buildings, Colleges, Universities, and Community Colleges. New language was added in the 2015 International Building Code regarding Requirements for Roof Coverings in Section 1507. CBSC would like input into the proposed adoption of 2015 IEBC Section 1507.

CHAPTER 15 – ROOF ASSEMBLIES AND ROOFTOP STRUCTURES

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**SECTION 1507
REQUIREMENTS FOR ROOF COVERINGS**

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1507.17 Photovoltaic shingles. The installation of photovoltaic shingles shall comply with the provisions of this section.

1507.17.1 Deck requirements. Photovoltaic shingles shall not be applied to a solid or closely fitting deck, except where the shingles are specifically designed to be applied over spaced sheathing.

1507.17.2 Deck slope. Photovoltaic shingles shall not be installed on roof slopes less than three units vertical and 12 units horizontal (25-percent slope).

1507.17.3 Underlayment application. ...

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Statement of specific purpose, problem, rationale and benefits to Section 1510.7 Wind resistance.

CBSC is proposing to carry forward amendments from the 2013 CBC Section 1509.7.1 to the 2015 IBC model code language shown below. The IBC renumbered Section 1509.7 to Section 1510.7. CBSC will renumber the 1509.7.1 amendment to 1510.7.1. See the proposed regulatory language below.

**SECTION 1510
ROOFTOP STRUCTURES**

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1509.7.1 1510.7.1 Wind resistance. Rooftop mounted photovoltaic panels and modules shall be designed for component and cladding wind loads in accordance with Chapter 16 using an effective wind area based on the dimensions of a single unit frame.

Exception: [BSC] The effective wind area shall be in accordance with Chapter 16 and ASCE 7 Section 26.2. [Is this the current ASCE 7 reference?]

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Notation

Authority: Health and Safety Code §18928 & 18934.5

References: Health and Safety Code §§18928, 18928.1, & 18934.5