



STATE OF WASHINGTON  
**STATE BUILDING CODE COUNCIL**

May 2018  
Log No. \_\_\_\_\_

**1. State Building Code to be Amended:**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> International Building Code | <input type="checkbox"/> International Mechanical Code        |
| <input type="checkbox"/> ICC ANSI A117.1 Accessibility Code     | <input type="checkbox"/> International Fuel Gas Code          |
| <input type="checkbox"/> International Existing Building Code   | <input type="checkbox"/> NFPA 54 National Fuel Gas Code       |
| <input type="checkbox"/> International Residential Code         | <input type="checkbox"/> NFPA 58 Liquefied Petroleum Gas Code |
| <input type="checkbox"/> International Fire Code                | <input type="checkbox"/> Wildland Urban Interface Code        |
| <input type="checkbox"/> Uniform Plumbing Code                  |   |

For the Washington State Energy Code, please see specialized [energy code forms](#)

**Section(s):**

WAC 51-50-0107

**Title:**

Construction Documents

**2. Proponent Name (Joshua Mergens, PE, SE):**

**Proponent:** 2024 International Building Code Technical Advisory Group

**Title:** TAG Member

**Date:** 09/18/2024

**3. Designated Contact Person:**

**Name:** Joshua Mergens, PE, SE

**Title:** Principal/Owner (Balanced Structural Engineering, LLC)

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#### 4. Proposed Code Amendment.

Code(s) 2024 International Building Code      Section(s) WAC 51-50-0107

107.2 Construction documents. Construction documents shall be in accordance with Sections 107.2.1 through 107.2.9.

107.2.9 Nonstructural components. Construction documents shall indicate if structural support and anchoring documentation for nonstructural components is part of the design submittal or a deferred submittal. The construction documents for nonstructural components shall at a minimum identify the following: 1. All nonstructural components required by ASCE 7 Section 13.1.3 to have an importance factor of,  $I_p$ , of 1.5. 2. All mechanical equipment, fire sprinkler equipment, electrical equipment, and other nonstructural components required by ASCE 7 Section 13.1.3 Item 1 to be operational following a seismic event that require designated seismic systems per ASCE 7 Section 13.2.2 and special inspections per Section 1705.13.4.

#### Remove existing amendment and relocate to 1603.1.5.1 (a new amendment section):

~~107.2 Construction documents. Construction documents shall be in accordance with Sections 107.2.1 through 107.2.9.~~

1603.1.5.1 Nonstructural components. Construction documents shall indicate if structural support and anchoring documentation for nonstructural components is part of the design submittal or a deferred submittal. The construction documents for nonstructural components shall at a minimum identify the following: 1. All nonstructural components required by ASCE 7 Section 13.1.3 to have an importance factor of,  $I_p$ , of 1.5. 2. All mechanical equipment, fire sprinkler equipment, electrical equipment, and other nonstructural components required by ASCE 7 Section 13.1.3 Item 1 to be operational following a seismic event that require designated seismic systems per ASCE 7 Section 13.2.2 and special inspections per Section 1705.13.4.

#### 5. Briefly explain your proposed amendment, including the purpose, benefits and problems addressed.

The added construction document requirement included in the amendment relates to the structural drawings. In Chapter 16, the Structural chapter of the IBC, there is another section titled “Construction Documents” (1603). Section 1603 relates to construction document requirements for structural drawings. Because structural engineers are accustomed to following the provisions of 1603, this amended provision is often overlooked. As an engineer myself, I was unaware there was an added structural requirement for construction documents in chapter 1 until it was pointed out to me. It should be noted that section 107.2.7 – Structural Information, directs all structural provisions to section 1603.

Relocating the amendment makes it more likely to be noticed by both structural engineers and structural plan reviewers, ensuring better compliance in the state.

#### 6. Specify what criteria this proposal meets. You may select more than one.

- The amendment is needed to address a critical life/safety need.
- The amendment clarifies the intent or application of the code.
- The amendment is needed to address a specific state policy or statute.
- The amendment is needed for consistency with state or federal regulations.
- The amendment is needed to address a unique character of the state.
- The amendment corrects errors and omissions.

#### 7. Is there an economic impact: Yes No

If no, state reason:

The proposed change does not aim to modify existing requirements or intents, but rather an editorial modification to increase visibility of the provision to design professionals.

Please send your completed proposal to: [sbcc@des.wa.gov](mailto:sbcc@des.wa.gov)