

WSR 13-15-169
EXPEDITED RULES
BUILDING CODE COUNCIL

[Filed July 24, 2013, 8:48 a.m.]

Title of Rule and Other Identifying Information: Modification of chapter 51-50 WAC, Washington state amendments to the 2012 International Building Code, Section 1905 – Modifications to ACI 318.

NOTICE

THIS RULE IS BEING PROPOSED UNDER AN EXPEDITED RULE-MAKING PROCESS THAT WILL ELIMINATE THE NEED FOR THE AGENCY TO HOLD PUBLIC HEARINGS, PREPARE A SMALL BUSINESS ECONOMIC IMPACT STATEMENT, OR PROVIDE RESPONSES TO THE CRITERIA FOR A SIGNIFICANT LEGISLATIVE RULE. IF YOU OBJECT TO THIS USE OF THE EXPEDITED RULE-MAKING PROCESS, YOU MUST EXPRESS YOUR OBJECTIONS IN WRITING AND THEY MUST BE SENT TO Ray Allshouse, Chair, State Building Code Council, P.O. Box 41449, Olympia, WA 98504-1449, AND RECEIVED BY September 23, 2013.

Purpose of the Proposal and Its Anticipated Effects, Including Any Changes in Existing Rules: These changes are due to changes made to provisions for concrete by the American Concrete Institute. The building code must reference the correct standard. This is an editorial correction.

Reasons Supporting Proposal: This rule is needed to make editorial corrections.

Statutory Authority for Adoption: RCW 19.27.031, 19.27.074.

Statute Being Implemented: Chapters 19.27 and 34.05 RCW.

Rule is not necessitated by federal law, federal or state court decision.

Name of Proponent: State building code council, governmental.

Name of Agency Personnel Responsible for Drafting: Joanne T. McCaughan, 1500 Jefferson, Olympia, WA 98504-1449, (360) 407-9279; Implementation: Tim Nogler, 1500 Jefferson, Olympia, WA 98504-1449, (360) 407-9277; and Enforcement: Local government fire officials.

June 14, 2013

C. Ray Allshouse
Chair

AMENDATORY SECTION (Amending WSR 13-04-067, filed 2/1/13, effective 7/1/13)

WAC 51-50-1905 Section 1905—Modifications to ACI 318.

1905.1 General. The text of ACI 318 shall be modified as indicated in Sections 1905.1.1 through 1905.1.10.

WALL PIER. This definition is not adopted.

(Other definition remains unchanged)

1905.1.3 ACI 318, Section 21.4. Modify ACI 318, Section 21.4, by adding new Section 21.4.3 and renumbering existing Section 21.4.3 to become 21.4.4.

21.4.3 - Connections that are designed to yield shall be capable of maintaining 80 percent of their design strength at the deformation induced by the design displacement or shall use Type 2 mechanical splices.

21.4.4 - Elements of the connection that are not designed to yield shall develop at least 1.5 S_y .

1905.1.4 ACI 318, Section 21.9. This section is not adopted.

1905.1.9 ACI 318, Section D.3.3.

Modify ACI 318 Sections D.3.3.4.2, D.3.3.4.3(d) and D.3.3.5.2 to read as follows:

D.3.3.4.2 - Where the tensile component of the strength-level earthquake force applied to anchors exceeds 20 percent of the total factored anchor tensile force associated with the same load combination, anchors and their attachments shall be designed in accordance with D.3.3.4.3. The anchor design tensile strength shall be determined in accordance with D.3.3.4.4.

EXCEPTION((S)): ((+)) Anchors designed to resist wall out-of-plane forces with design strengths equal to or greater than the force determined in accordance with ASCE 7 Equation 12.11-1 or 12.14-10 ((need not)) shall be deemed to satisfy Section D.3.3.4.3(d).

~~((2- Anchors in concrete designed to support nonstructural components in accordance with ASCE 7 Section 13.4.2 need not satisfy Section D.3.3.4.3.))~~

D.3.3.4.3(d) – The anchor or group of anchors shall be designed for the maximum tension obtained from design load combinations that include E, with E increased by Ω_0 . The anchor design tensile strength shall be calculated from D.3.3.4.4.

D.3.3.5.2 - Where the shear component of the strength-level earthquake force applied to anchors exceeds 20 percent of the total factored anchor shear force associated with the same load combination, anchors and their attachments shall be designed in accordance with D.3.3.5.3. The anchor design shear strength for resisting earthquake forces shall be determined in accordance with D.6.

EXCEPTIONS: 1. ~~((D.3.3.5.3 need not apply and the design shear strength in accordance with D.6.2.1(c) need not be computed)) For the calculation of the in-plane shear strength of anchor bolts attaching wood sill plates of bearing or nonbearing walls of light-frame wood structures to foundations or foundation stem walls, the in-plane shear strength in accordance with D.6.2 and D.6.3 need not be computed and D.3.3.5.3 shall be deemed to be satisfied provided all of the following are ((satisfied)) met:~~

- 1.1. The allowable in-plane shear strength of the anchor is determined in accordance with AF&PANDS Table 11E for lateral design values parallel to grain.
- 1.2. The maximum anchor nominal diameter is 5/8 inches (16 mm).

- 1.3. Anchor bolts are embedded into concrete a minimum of 7 inches (178 mm).
- 1.4. Anchor bolts are located a minimum of 1 3/4 inches (45 mm) from the edge of the concrete parallel to the length of the wood sill plate.
- 1.5. Anchor bolts are located a minimum of 15 anchor diameters from the edge of the concrete perpendicular to the length of the wood sill plate.
- 1.6. The sill plate is 2-inch or 3-inch nominal thickness.
- 2. ~~((Section D.3.3.5.3 need not apply and the design shear strength in accordance with Section D.6.2.1(e) need not be computed)) For the calculation of the in-plane shear strength of anchor bolts attaching cold-formed steel track of bearing or nonbearing walls of light-frame construction to foundations or foundation stem walls, the in-plane shear strength in accordance with D.6.2 and D.6.3 need not be computed and D.3.3.5.3 shall be deemed to be satisfied provided all of the following are ((satisfied)) met:~~
 - 2.1. The maximum anchor nominal diameter is 5/8 inches (16 mm).
 - 2.2. Anchors are embedded into concrete a minimum of 7 inches (178 mm).
 - 2.3. Anchors are located a minimum of 1 3/4 inches (45 mm) from the edge of the concrete parallel to the length of the track.
 - 2.4. Anchors are located a minimum of 15 anchor diameters from the edge of the concrete perpendicular to the length of the track.
 - 2.5. The track is 33 to 68 mil designation thickness. Allowable in-plane shear strength of exempt anchors, parallel to the edge of concrete shall be permitted to be determined in accordance with AISI S100 Section E3.3.1.
 - 3. ~~((Anchors in concrete designed to support nonstructural components in accordance with ASCE 7 Section 13.4.2 need not satisfy Section D.3.3.5.3.~~
 - 4.)) In light-frame construction, bearing or nonbearing walls, shear strength of concrete anchors less than or equal to 1 inch (25 mm) in diameter connecting sill plate or track to foundation or foundation stem wall need not satisfy D.3.3.5.3 (a) through (c) when the design strength of the anchors is determined in accordance with D.6.2.1(c).

~~((1905.1.10 ACI 318, Section D.4.2.2. Delete ACI 318, Section D.4.2.2, and replace with the following:~~

~~D.4.2.2 For anchors with diameters not exceeding 4 in., the concrete breakout strength requirements shall be considered satisfied by the design procedure of D.5.2 and D.6.2. For anchors in shear with diameters exceeding 4 inches, shear anchor reinforcement shall be provided in accordance with the procedures of D.6.2.9.))~~

WSR 13-15-178

EXPEDITED RULES

DEPARTMENT OF COMMERCE

[Filed July 24, 2013, 11:17 a.m.]

Title of Rule and Other Identifying Information: Projects of statewide significance.

Expedited

NOTICE

THIS RULE IS BEING PROPOSED UNDER AN EXPEDITED RULE-MAKING PROCESS THAT WILL ELIMINATE THE NEED FOR THE AGENCY TO HOLD PUBLIC HEARINGS, PREPARE A SMALL BUSINESS ECONOMIC IMPACT STATEMENT, OR PROVIDE RESPONSES TO THE CRITERIA FOR A SIGNIFICANT LEGISLATIVE RULE. IF YOU OBJECT TO THIS USE OF THE EXPEDITED RULE-MAKING PROCESS, YOU MUST EXPRESS YOUR OBJECTIONS IN WRITING AND THEY MUST BE SENT TO Nick Demerice, Commerce, P.O. Box 42525, Olympia, 98504-2525, AND RECEIVED BY September 24, 2013.

Purpose of the Proposal and Its Anticipated Effects, Including Any Changes in Existing Rules: Commerce is required to adopt rules regarding the designation of projects of statewide significance in RCW 43.157.030. These rules will outline the application process and define the information required to be included by applicants. The rules will also define a decision timeline for the department.

Reasons Supporting Proposal: Projects cannot be designated until after rule making has been completed. The intention of these rules is to mirror the criteria defined in statute by the legislature and clarify a process for applicants.

Statutory Authority for Adoption: RCW 43.157.030.

Statute Being Implemented: Chapter 43.157 RCW.

Rule is not necessitated by federal law, federal or state court decision.

Name of Proponent: Washington state department of commerce, governmental.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Nick Demerice, Olympia, (360) 725-4010.

July 24, 2013

Nick Demerice

Director of External Relations

Chapter 130-30 WAC

Projects of Statewide Significance

NEW SECTION

WAC 130-30-010 Purpose. (1) The department of commerce may designate certain private sector investments as projects of statewide significance to expedite the permitting and environmental review process. These projects will bolster the economy at both the local and state levels.

(2) The purpose of this chapter is to prescribe the form and manner of the application to be used in requesting designation as a project of statewide significance.

NEW SECTION

WAC 130-30-020 Definitions. Unless the context clearly requires otherwise, the definitions found in RCW 43.157.010.

(1) "Standard contact information" shall mean a mailing address, telephone number, and e-mail address.

(2) "Jurisdiction" shall mean any local government with the authority to issue permits related to the construction of a project seeking designation as a project of statewide significance.

NEW SECTION

WAC 130-30-030 Application. (1) Applications shall be submitted to the department.

(2) Applications shall be completed on forms prescribed by and obtained from the department.

(3) The application will contain the following information:

(a) Standard contact information of the applicant requesting the designation;

(b) Standard contact information of all jurisdictions that will have the project of statewide significance within its boundaries;

(c) Selection of the category of project of statewide significance;

(d) A detailed description of the project that details, at least:

(i) The location of the project,

(ii) The applicant's average employment in the state for the prior year,

(iii) The estimated new employment related to the project,

(iv) The estimated wages of employees related to the project,

(v) The estimated level of private investment in the project,

(vi) The estimated time schedules for completion and operation,

(vii) A justification why the director of the department should qualify the project based on the criteria found in RCW 43.157.010 (5)(b)(iii)(J); and

(e) Explanation of the need to expedite the permitting and environmental review process.

(4) The application shall be accompanied by letters of approval from the legislative of any jurisdiction that will have the proposed project of statewide significance within its boundaries as defined by RCW 43.157.030.

Reviser's note: The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

NEW SECTION

WAC 130-30-040 Department deliberations. (1) The department will consider the application and make a determination whether the project is one of statewide significance within sixty days of the receipt of application.

(2) The applicants will be notified in writing of the department's decision.