

318 Sub D – Members

ACI 318 Fall Convention
Rio All-Suites Hotel
Las Vegas, NV

Tuesday, October 16, 2018

Amazon B

1:30 PM – 6:00 PM

Minutes

1. Call to order and welcome

Robert Frosch called the meeting to order and invited each of the members and visitors to introduce themselves.

Members in attendance:

Frosch (chair), Bertero, Correal, Decker, Dolan, Hube, Mlakar, Novak, Poston, Roberts-Wollmann, Stark, and Wood

Members with regrets:

Poston

Visitors in attendance:

Mehrdad Sasani, Claudia Morillo, Greg Zeisler, Robert Esplin, and Alan Wiley

2. Approval of Minutes

The minutes of the Spring 2018 meeting was approved by unanimous voice vote.

3. 318-19 End of Cycle Calendar

Robert Frosch discussed the time line and actions required for completion of the 318-19 code cycle, including the December 17-18, 2018 meeting in Dallas which all main committee members need to attend.

4. Main Committee Items

a. Completed Items

i. CD027 – Chapter 8 Commentary References to Research/Tests

The committee was updated that CD027 was approved at the last 318 main committee meeting.

ii. CD016 – Eliminate Longitudinal Bar Strain Limit (0.004)

CD016 was tabled earlier in the code cycle due to CR006 which was coordinated to delete the 0.004 strain limit. The committee was updated that

CR006 passed the main committee. A strain limit, however, was retained which changed the 0.004 limit to simply require “tension controlled” at the extreme layer of reinforcement.

b. CD008 – Require confinement for mechanical bar splices in tops of columns and pedestals

Responding to comments from main, the committee reviewed CD008 and made some minor changes. The committee considered rewording and possibly merging sections 10.7.6.1.6 and 10.7.6.1.7. However, in the end, the decision was made to retain the original wording of 10.7.6.1.6 and make 10.7.6.1.7 parallel. The modified change proposal was unanimously approved and will be presented at the main committee meeting. Following the meeting, this change proposal was approved by the main committee.

c. CD014 – Retaining Walls

Larry Novak discussed negative comments received by the main committee. By unanimous voice vote, the committee approved the editorial changes to CD014. The change proposal will be presented at the main committee meeting. Following the meeting, this change proposal was approved by the main committee.

d. CD029 – Walls with ICF

Larry Novak discussed two negative comments received by the main committee. By unanimous voice vote, the committee approved the editorial changes to CD029. The change proposal will be presented at the main committee meeting. Following the meeting, this change proposal was approved by the main committee.

e. CD030 – Editorial correction for flange width definition

Robert Frosch discussed with the committee an editorial correction for the definition of flange width. The committee voted unanimously (with one abstain) to send the correction to the main committee for approval. Following the meeting, this change proposal was approved by the main committee.

5. TAC Comments

a. Round 1

The committee discussed the 318 ballot results on the responses to the first round of TAC comments. Each item was discussed and changes to both the responses to the 318 comments as well as the original TAC responses were made. All changes were approved by the committee.

b. Round 2

The committee discussed the 318 ballot results on the responses to the second round to TAC comments. Only one comment for Sub D was included in this

second round. The response to the 318 comment was approved, and no change was needed to the TAC response. The committee approved the response.

6. Technical Inquiry

A technical inquiry concerning the location of the critical section for walls resisting out-of-plane shear. In 318-11, a reduction to d away is permissible, but this reduction is not provided in 318-14. In general, the committee does not feel that a reduction in shear is needed for this case. Due to the dimensions of the wall, a reduction in shear to d away is not significant. It was decided that an errata for 318-14 should not be created and that this can be considered as potential new business for the next code cycle.

7. New Business for Next Code Cycle

The following were discussed as potential new business items for the next code cycle: Minimum two-way slab thickness, minimum flexural reinforcement, minimum reinforcement for footings, unified design procedures for nonprestressed and prestressed members, lockable dowels, minimum cover over mechanical splices, and critical section location for shear walls out-of-plane.

8. Adjournment

The meeting was adjourned at 5:45 pm.