

ACI SUBCOMMITTEE 318F – FOUNDATIONS

Virtual Meeting
Tuesday, October 19, 2021
11:00 AM - 4:00 PM (US **Eastern** Daylight Time)
Go-to-Meeting, The World

AGENDA

Note: Subcommittee Meeting Login Info will be provided via email

1. Call to Order
2. Virtual Meeting Tips (Go-to-Meeting)
 - a. Enter your name in Go-to-Meeting so everybody can see it when you are speaking
 - b. Mute yourself if you are not speaking.
3. Self-Introductions
4. Announcements
 - a. No audio, photo or video recording
 - b. Confidentiality of ACI technical committee work in progress
5. Approval of October 19, 2021 Virtual Meeting Agenda
6. Approval of Spring (March 30) 2021 Virtual Meeting Minutes
7. Overview of ACI 318 LB 20-04 CF001d and CF002c and LB 21-01 CF003b Code Change proposals:
 1. CF001d (Minimum reinforcement requirements for deep foundation members and members in SDC A and B)
 - a. Ballot Results
 - b. Resolution of Negatives (Stevenson and McFarlane)
 - c. Strategy for full acceptance by Main 318
 2. CF002c (Strength reduction factors ϕ for deep foundation members)
 - a. Ballot Results
 - b. Resolution of Negatives (Hartmann and Stevenson)
 - c. Strategy for full acceptance by Main 318
 3. CF003b (Design of portions of laterally unsupported cast-in-place concrete deep foundation members using Chapter 14).
 - a. Ballot Results
 - b. Resolution of Negatives (Ospina and Schaeffer)
 - c. Strategy for full acceptance by Main 318

8. Impact of ACI 318-19 shear design provisions on design of reinforced concrete cantilever retaining walls (Pujol, Fargier, Ospina) and other foundation types (Rautenberg, Patel, Ospina)
 1. Status of discussions with ACI 318E and Main ACI 318
 2. Interaction with USBoR, DOD and other institutions
 3. Consensus-based strategy
9. Overview of ACI 318 **LBF** 21-01 CF004a and CF005a Code Change proposals:
 1. CF004a (Refinement of design provisions for grade beams)
 - a. Ballot Results (Ospina)
 - b. Strategy for balloting at Main 318
 2. CF005a (Concrete cover requirements for reinforcement in foundation members)
 - a. Ballot Results (Ospina)
 - b. Strategy for balloting at Main 318
10. New business items and answers to questions/comments received from code users as part of public review of ACI 318-19:
 1. Upcoming (Tentative) Ballots at 318F Level
 - a. Shear strength of grouted members vs. concrete members (McFarlane)
 - b. Grout qualifications (McFarlane)
 - c. Minimum reinforcement requirements for pile caps
 - d. Minimum reinforcement requirements for footings
 - e. Design requirements for mat foundations
 2. Treatment of size effect on shear strength of grade beams (See Attachment 4 of Fall 2019 meeting agenda), pile caps and other foundation elements
 3. Interpretation of ACI 318 code provisions in Chapters 7, 8, 9, 22 and 24 for the design of shallow concrete foundations
 4. Consistency between ACI 318 and PCI provisions for precast prestressed concrete pile design (See Attachment 5 of Fall 2019 meeting agenda)
 5. Minimum transverse reinforcement size for precast concrete piles in SDC A and B (13.4.5.6) (See Attachment 6 of Fall 2019 meeting agenda)
11. Timeline
 - a. Subcommittee Ballots
 - b. Main Committee Ballots
12. Other New Business
 - a. TBD
 - b. TBD
13. Adjournment
14. Next Meeting (Format TBD): Spring 2022 Convention (Orlando?)