

Sub B Meeting Agenda



Fall 2021

Committee:	ACI 318B - Anchorage & Reinforcement	
Date:	Monday 18 October 2021	Tuesday 19 March 2021
Time:	5:30 - 7:30 pm (EDT)	11 am - 3:30 pm (EDT)
Location:	Your Computer Screen – via Go to Meeting	
To Committee Members (Voting):	Neal Anderson (Chairman)	NSAnderson@sgh.com
	Lisa Feldman (Secretary)	Lisa.Feldman@usask.ca
	Tess Ahlborn	tess@mtu.edu
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	Don Meinheit	dmeinheit@wje.com

The next ACI 318, Sub B - *Anchorage & Reinforcement* Committee virtual meetings are scheduled for Monday afternoon and Tuesday morning noted above.

Attached is the draft Agenda for the meeting. If you have any questions, comments, or additions to the Agenda, please contact the chair or secretary.

Copy to: Andy Taylor (318 Chairman) andrew.taylor@kpf.com
 Greg Zeisler (318 Secretary) greg.zeisler@concrete.org

AGENDA

**ACI 318, Sub B - Anchorage & Reinforcement Committee
ACI Fall Virtual Committee Meeting
Monday 18 October & Tuesday 19 October 2021**

PLEASE MUTE YOUR MICROPHONE / TELEPHONE WHEN NOT SPEAKING

Item	Agenda Topic	Approximate Time (Eastern)
<u>Monday</u>		
1.	Call 1 st meeting to order	5:30 pm
2.	Committee membership / visitors (Anderson) (a) Roll call of voting committee members. (b) Welcome to visitors (Secretary Feldman will verify others showing up on the Go To Meeting line-up).	
3.	Approve minutes of Spring 2021 Virtual Meeting	5:40 pm
4.	Report on ACI 318 Steering Committee Meeting and Upcoming Main Code Schedule. Other housekeeping items. (Anderson)	5:45 pm
5.	Subcommittee 318.1-R ~ Quo Vadis? (Silva) (a) Newly formed task group (b) Summarize / review Issues (c) Workplan (d) Steps forward	5:50 pm
6.	Terminology Discussion for Upcoming Ballots (Silva , Paulson) (a) Mechanical splices, etc. (b) Bond, developed, anchored, etc.	6:10 pm
7.	Review of Ballot CB 21-02 Item: (a) CB 210(a) - (Chapter 17) Minimum bond strength for adhesive anchors (French , Fuchs)	7:00 pm
8.	Monday adjournment	7:30 pm
<u>Tuesday</u>		
9.	Call 2 nd meeting to order	11:00 am
10.	Committee membership / visitors (Anderson) (a) Roll call of voting committee members. (b) Welcome to visitors (Secretary Feldman will verify others showing up on the Go To Meeting line-up).	

Item	Agenda Topic	Approximate Time (Eastern)
11.	ACI 355 Standards (Hoermann-Gast, Silva) (a) New standard for post-installed reinforcing bar 355.R-XX (b) Decision to revise the seismic qual. requirements in 355.4 and 355.2	11:10 am
12.	CRC Funding Consideration (Ghannoum) (a) Characterization of Inelastic Strain Behavior of Mechanical Splices (<i>presentation</i>) (b) Administrative Ballot	11:25 am
13.	Coffee Break	11:45 am
14.	Review of Ballot CB 21-02 Items (continued): (b) CB 205(a) - (Chapter 17) - Clarify the provision for strength reduction for anchor reinforcement for shear for earthquake-induced force (Cleland) (c) CB 206(a) - (Chapter 17) - Added factor to account for overturning compression in breakout calculations (Silva)	11:55 am
15.	Break	12:55 pm
16.	Review of Ballot CB 21-02 Items (continued): (d) CB 604(c) - (Chapter 25) Clarification to the language of Section 25.4.3.3 - ties or stirrups confining hooked bars (Darwin) (e) CB 607(a) - Tie Reinforcement at Headed Bars (Chapter 25) (Darwin)	1:10 pm
17.	Upcoming ballot item review (Silva) (a) Revise equations for shear breakout (b) Shear – tension interaction	2:10 pm
18.	Task Group Updates / Reports	2:45 pm
19.	Other new business?	2:55 pm
20.	Tuesday Adjournment	3:10 pm

Attachment A – Terminology Verbiage (attached)

Attachment B – Characterization of Inelastic Strain Behavior of Mechanical Splices
- ACI Foundation - ACI Technical Committee Support Form for Proposals (Separate Cover)

Online Meeting Information:

Monday

When: 10/18/2021 (times are Eastern Daylight Time)

Time: 5:30 - 7:30 pm (EDT)

Join Virtual Link: <https://global.gotomeeting.com/join/552343501>

Tuesday

When: 10/19/2021 (times are Eastern Daylight Time)

Time: 11 am - 3:30 pm (EDT)

Join Virtual Link: <https://global.gotomeeting.com/join/523104805>

If the ACI website is having issues for meeting ballots, we will take a voice vote on GoTo Meeting. If the given issue is benign and non-contentious, I will only ask for negatives and abstentions to an item. Otherwise, I will assume your vote is affirmative.

Attachment A – Terminology Verbiage

Background: As the task groups are working on ballot items, we are finding a variety of terms meaning the same thing. This is the nature of the consensus process, perhaps. One subcommittee uses a term it likes, and another subcommittee uses a different term that they like. Yet both terms reference exactly the same thing – do you say tomato or do you say tom-mato?

Currently, this impacts splices and development / anchorage. Cathy has gathered these terms in the process of preparing ballots; they are summarized below. I would like to have a focused discussion and (try to) come to some consensus on consistent and clear terminology on the following:

Terms describing mechanical splices

mechanical, mechanical splice, type, mechanical connector, mechanical connection, mechanical device, mechanical anchorage
lap splice
butt-welded splices
end-bearing splices
connection, mechanical connector, mechanical connection (sometimes used mechanical connection)
coupler

Terms describing development, bond, pullout, anchorage, breakout

bond
development, proper development, properly developed, effective development length, basic development length, minimum development length, required development length is increased, development in tension or compression of at least the specified tensile strength of bars, developed longitudinal reinforcement within, fully developed
embedment. Extensions, terminated
anchored, fully anchored, satisfactory anchorage
length required to transmit the design forces, unless longer lengths are required by Chapter 18., provide effective...
splitting, pullout, breakout, blowout
excess reinforcement