



Safety Codes Council

MINUTES OF THE SIXTH BUILDING SUB-COUNCIL MEETING OF 2020

DATE: September 17, 2020

TIME: 8:30 a.m. to 3:05 p.m.

LOCATION: Videoconference

PRESENT: *Sub-Council Members*

Andy Smith, Chair
Colin Belliveau
Russell Croome, Vice Chair North
David Flanagan
Rick Gratton
Stephen Hill
Keith Jansen
Corey Klimchuk
Robert Kralka
Terry O'Flaherty
Matthew Kramer
Grace O'Brien
Brendan Ottosen
Darin Sceviour
Bruce Schultz, Vice Chair South
Justin Pockar

Safety Codes Council

Amina Deiab, Kathryn Derkach, Jennifer Johnson, Susan Rossmann,
Leo Sanni
Kris Schmaltz, Tyler Wightman, Michael Lalonde (Item 4.2)

Alberta Municipal Affairs

Paul Chang, Joe Healy

REGRETS: Lee Phillips

GUESTS: Karen Muir (BFSC Liaison), Gerry Wiles (ESC Liaison), Chris Taylor (FSC Liaison)

RECORDER: Jennifer Johnson

2020 MEETINGS: November 5

1. Meeting Opening

The Chair called the meeting to order at 8:30 a.m. A round table introduction was held. Amina Deiab, the new President & CEO, took a few minutes to introduce herself to the sub-council. Teleconference tips and etiquette were reviewed.

1.1 Agenda Adoption

The following items were added to the agenda:

- 4.6. Restricted Practitioner Rules STANDATA
- 4.7. BCI-023 Qualifications and Approvals STANDATA
- Correction for Item 4.3 “Letter from ABOA Regarding Illic Nordic Lumber”

Stephen Hill/Bruce Schultz moved that the agenda be adopted, as amended; CARRIED.

1.2 Adoption of the May 14, 2020 Minutes

Terry O’Flaherty/Rick Gratton moved to adopt the minutes of the May 14, 2020 meeting, as circulated; CARRIED.

2. Matters for Decision

2.1. Closed Session

Bruce Schultz/Stephen Hill moved to go into closed session; CARRIED.

Keith Jansen /Bruce Schultz moved to come out of closed session; CARRIED.

2.1.1. Reappointment of Matthew Kramer to represent HVAC

Corey Klimchuk/Colin Belliveau moved to recommend to the Board reappointment of Matthew Kramer to the Building Sub-Council to represent HVAC for a term ending January 31, 2024, effective February 1, 2021; CARRIED.

2.1.2. Reappointment of Stephen Hill to represent Rural Municipalities

Keith Jansen/Russell Croome moved recommend to the Board reappointment of Stephen Hill to the Building Sub-Council to represent Rural Municipalities for a term ending January 31, 2024, effective February 1, 2021; CARRIED.

2.1.3. Energy Efficient Seat and Nominating Organization

The following was discussed:

- Alberta Building Envelope Council was identified as a potential nominating organization, Council staff will reach out to them. [Council Administration]

2.2. Skills Matrix Review

The matrix was reviewed and edits were made.

Colin Belliveau/Matthew Kramer moved to accept the Building Sub-Council Skills Matrix 2021; CARRIED.

2.3. Matrix Review

Stephen Hill/Terry O’Flaherty moved to go into closed session; CARRIED.

Bruce Schultz/Terry O’Flaherty moved to come out of closed session; CARRIED.

The sub-council matrix was reviewed to ensure it continues to appropriately represent the building discipline. It was requested a footnote be added asking all home warranty providers to be approached for a nominee when that seat becomes vacant.

The sub-council would like to invite the Refrigeration, Air Conditioning, Heating Association of Alberta (RAHA) to present at an upcoming meeting.

Colin Belliveau/ Matthew Kramer moved to accept the Building sub-council matrix as it currently is; CARRIED.

[Council Administration]

2.4. Elevator Modernization STANDATA

The following was discussed:

- This STANDATA was issued in June to clarify what is required for an elevator modernization including which permits are necessary.

Bruce Schultz/Stephen Hill moved to support issuance of the Existing Elevator Modernization/Fire Alarm Interface STANDATA; CARRIED.

2.5. Building Permits Refrigeration STANDATA

The following was discussed:

- This STANDATA is following up on a request from the refrigeration industry to clarify when permits are necessary.
- Has been reviewed by AIT (Apprenticeship and Industry Training)
- HVAC representative requested to take it back to his nominating organization for comments. Administrator will follow up.

Bruce Schultz/Grace O’Brien moved to support issuance of the Permits Under the Building Discipline STANDATA with comments from the HVAC industry; CARRIED.

[Administrator/Kramer]

2.6. Firestop Technical Judgements DRAFT STANDATA

The following was discussed:

- This STANDATA was the result of a working group, was redrafted over the summer and is now complete.

Bruce Schultz/Stephen Hill moved to support issuance of the Firestop Technical Judgements STANDATA; CARRIED.

2.7. Thin Masonry STANDATA

The following was discussed:

- This STANDATA came from discussions with Alberta Masonry Council, as they were looking for a way to have better product outcomes.
- Provides an engineer authenticated document with acceptable solutions in regards to the scope and limitations for thin masonry veneers.
- Discussion regarding if it would be necessary to include drawings each time or would it be acceptable to just follow the authenticated document, it was noted that this would be up to AHJs to decide.
- Members would like more time to review the document in detail, including with their nominating organizations, and will discuss again at the November meeting.

[Council Administration/All]

2.8. Alternative solution for solid soffits STANDATA

The following was discussed:

- The alternative solution relates to a mesh product that provides ventilation during regular use but when exposed to a fire it becomes a solid material, thereby restricting heat and flames from entering an attic space.
- Discussion regarding whether testing by a recognized lab is adequate; should there be a letter of authentication (similar to above)?
- Members are asked to send comments and questions to Kathryn and the Chair, they will be forwarded to the Administrator for further discussion at the November meeting.

[Council Administration/Administrator]

3. Review Matters Arising/Action List

3.1. Rick Gratton/David Flanagan moved to create a working group to review the work of the previous stacked townhomes working group and the response from Municipal Affairs; CARRIED.

Keith Jansen/David Flanagan moved to have an initial set of comments for the November 2020 meeting and aim to have a final set at the January 2021 meeting; CARRIED.

Rick Gratton /Stephen Hill moved to include as working group members Keith Jansen (Chair), Rick Gratton, David Flanagan, and others as necessary; CARRIED.

3.7. Terry O'Flaherty /Stephen Hill moved to form a working group to work with Municipal Affairs on 14-BCV-007 Interior Stairways for Roof Access STANDATA revisions; CARRIED.

Terry O'Flaherty/ Grace O'Brien moved that the final review be completed by March 2021; CARRIED.

Grace O'Brien / Terry O'Flaherty moved that the working group include as members: Terry O'Flaherty (Chair), Grace O'Brien, Corey Klimchuk and others as needed; CARRIED.

	Item	Description	Action	Responsible	Date Initiated	Priority	Status/Update
1.	Stacked Townhomes	Consideration of a code change proposal re: 9.10.14 and 9.10.15, AMA does not support the existing wording for a STANDATA		Chang	Jan 25/18	High	Administrator will draft letter to the BSC via the Chair to provide reasoning for not supporting this proposal.
2.	Off Site Review Clarification re: Pre-manufactured Structures	Development of an Information Bulletin on pre-manufactured structures.	Info Bulletin	Chang	Sep 3/15	High	Working with stakeholders to draft a STANDATA for off-site review or engineer authentication for structures built off site.
3.	Professional Schedules	Proposed revision to schedules have been prepared.	With AMA	Orr		High	<p>MA has requested that APEGA/AAA prepare the recommended user guide to go with the schedules in order to make the intent clear and clarify questions that arise due to the new changes.</p> <p>There were concerns that stakeholders were not appropriately consulted. It was noted that concerns were submitted to APEGA during the review process and were considered by the task force developing the new schedules.</p>
4.	Technical Judgements for Fire Stop System	Consideration of the publication of a STANDATA based on the report provided to AMA;	STANDATA	Chang	Sep 3/15	Mid	Item 2.6 on the agenda Resolved, remove from item list.

		draft reviewed by BSC					
5.	Elevator Permits – FEO Upgrades	Building, Fire, Elevator and Electrical Administrators are discussing a joint STANDATA to require a Building permit or at least a flag to the Building discipline	STANDATA	Chang	Nov 16/17	Mid	Item 2.4 on the agenda. Resolved, removed from item list.
6.	14 BCI Residential Children’s Homes	Draft supported by BSC April 2018	STANDATA	BSC Members			Members would like to discuss further. Add to November agenda.
7.	14-BCV-007 Interior Stairways for Roof Access	BSC requests that AMA consider revisiting this STANDATA to take into consideration AEDARSA and OHS requirements.	Revisit published STANDATA	Chang	Mar 21/19		Municipal Affairs is doing a complete review. Propose that BSC set up a working group to work with technical advisor to clarify and address concerns.
8.	Fire Protected Joists	The Director of Codes and Standards will ensure this item is also added to the next PTPACC meeting agenda. This is not anticipated to be in the 2020 Codes.		Chang	Sep 27/18	Mid	Administrator met with proponents and reiterated recommendations from BSC and MA to make a proposal to the NRC. Not aware at this time of any proposals to NRC. Closed, removed from item list.
9.	Requirements of Engineering Letter for Accepting Material or System Not in Code	Grace O’Brien will bring this issue back to AAA.		O’Brien	Sep 27/18	High	Talked to AAA and they have not heard anything about this yet. Grace will continue to try to get a hold of Greg.
10.	Permit Requirements for Refrigeration Systems	Request that AMA consider drafting a STANDATA to clarify permitting requirements for	STANDATA	Chang	Nov 8/18	Low	Item 2.5 on agenda. Closed, remove from item list.

		refrigeration systems.					
11.	Structural Design of Residential Buildings re. STANDATA 14-BCV-016	Consider the proposed revisions to STANDATA 14-BCV-016 Manufactured Structural Components in the Construction of One- and Two-Family Dwellings.	STANDATA	Chang	Nov 8/18	High	Item 4.5 on agenda.
12.	Pre-Engineered Solutions for Thin Masonry Veneers	Administrator to work with the Alberta Masonry Council (AMC) on proposed STANDATA		Chang	Jan 16/20		Item 2.7 on agenda. Bring back to next meeting.
13.	Farm Buildings in NBC(AE) Code	Permitting Concerns		Chang/Orr	Mar 19/20		Municipal affairs will wait for status update and deal with them together.
		Harmonization with 2020 Code		Council Staff/Orr	Mar 19/20		Council staff will confirm status of recommendation to the Board
14.	BCV-010 Oil and Gas Processing Facilities	Clarification on the intent of this STANDATA and the value it provides. AACA to bring concerns to Administrator.		Ottosen	Jan 15/20		Remove from list.

4. Matters for Discussion

4.1. AGM Update

The following was discussed and a presentation is available in the portal

- Safety Codes Council AGM was postponed this year due to Covid-19 and plans are being made to host it virtually towards the end of October
- Need to hold the AGM to approve the bylaw changes that were recommended as a result of last year's governance review
- A refresher of the recommendations was provided: dissolve the TCC, creation of two new sub-councils for Utilities and Private Sewage Disposal Systems

4.2. Council Education Presentation

A presentation by Kris Schmaltz and Michael Lalonde was included in the portal and the following was discussed:

- The Council is reviewing its approach to education and training in the system and has developed outcomes and principles to guide programming
- Looking for stakeholder feedback on the proposed future direction of building capacity system-wide through shared understanding and knowledge, and any gaps anyone sees regarding education in the system.
- Targeting a broader system-wide audience could improve shared consistency in understanding of roles, responsibilities, and general knowledge in the safety system
- There is a gap in the industry for code related training for professionals
- Suggestion to look at APEGA and AAA's professional development guidelines
- Information on the entire process (ie. working with AMA, STANDATAs, Safety Codes Council, etc.) would be helpful to stakeholders and nominating organizations
- Need to ensure people in the field are receiving the right education
- Focus on parts of the code which consistently have variation in interpretation

4.3. Letter from ABOA regarding Ilim Nordic Timber

The following was discussed:

- Lumber incorrectly being stamped as structural lumber
- People checking it should be aware that this is not acceptable lumber for structural use.
- Letter provided for information, please distribute widely

4.4. Alternate Solutions for vented roof spaces

The following was discussed:

- Administrator looking for clarification on why the proponents were sent away with minimal technical concerns but with criticism over the process as compared to a similar request for thin masonry veneers which was accepted
- There was a case for alternate solutions but no industry guide backing it, not clear who would be responsible for the use of this solution
- It was noted that the code does allow for AHJ interpretation, however the proponents were looking for a province wide solution

4.5. Structural Design of Residential Buildings re. STANDATA 14-BCV-016

Russell Croome chaired the discussion.

The following was discussed:

- The Administrator is reviewing information from APEGA and other stakeholders, not able to produce the STANDATA at this time
- Municipal Affairs looking into how this was developed and if there were unintended consequences
- APEGA has written to AMA to express concern with engineering design software being operated by non-professionals
- Software is capable of much more than when this was originally issued, need to ensure the rules are keeping up with the available technology
- It was noted that the existing STANDATA has not been withdrawn, it just has not been updated with the code cycle

- Bring back to November meeting

4.6. Restricted Practitioners Rules STANDATA

The following was discussed:

- Draft STANDATA proposed by AAA to help clarify who can provide which services and when
- Appendix includes a list of engineers who are permitted practitioners, list will remain the same until they are no longer practicing
- It was noted that there is a need to explain what is not allowed under these clauses
- Members would like to review further and bring back to November meeting for a decision

[All]

4.7. BCI-023 Qualifications and Approvals

The following was discussed:

- This STANDATA been reviewed by FSC and has their support for issuance
- There is limited scope for the building discipline, mainly relating to the integrated testing coordinator
- Members are to send comments to Administrator, will revisit at the next meeting

[All]

4.8. Liaison Reports

4.8.1. Fire Sub-Council

The following was discussed:

- There was a presentation on Costco fuel bars using equipment that did not meet code
- Discussions regarding impact of Covid-19 (ie. fire drills)
- Closed the Occupant Load Working Group

4.8.2. Barrier Free Sub-Council

The following was discussed:

- New member Georg Rath

4.9. Working Group Reports

4.9.1. Using Stopped Escalators as Stairs

The following was discussed:

- BOMA saw the draft and has provided feedback
- They are looking for direction on how to move forward
- Will reconvene the working group and bring back an additional recommendation on the appropriate way to proceed

4.9.2. Trade Off for Sprinklers in Part 9 Buildings

The following was discussed:

- Working Group has held 3 meetings so far this year
- Drafting suggested wording that would be included in a code change request, will have it ready for the BSC to review at the November meeting
- Next meeting is October 1st

4.10. Administrator/AMA Report

The Administrator reported:

- The Safety Codes Act was updated on July 23 to deal with issues arising from the pandemic
- Currently working on possible bulletin to identify exemptions for certain industrial buildings as related to the National Energy Code for Buildings 2017
- Building and Electrical Administrators reviewing application of CSA-B72 as referenced in the Building Code to lightning protection systems, which when installed is under the electrical discipline.
- AMA has identified 819 variations from the NBC, working through those to get closer to harmonization
- Some of our technical advisors have applied to be part of the National Barrier Free Technical Committee (this is not NRC)
- Updating online application for barrier free relaxation to be more user friendly

4.10.1. SLALA and PDD Update

The following was discussed:

- No update available and it was noted that this item can be removed from upcoming agendas

4.11. 2021 Meeting Dates

Proposed 2021 meeting dates were posted in the portal and reviewed by members.

4.12. Council Updates

A written report was included in the portal and updates were provided on:

- Staff continue to work from home until October
- Sub-council meetings continue to be online until further notice, members are asked to provide any feedback on how to improve the meeting experience
- Responsibility for services related to storage tank systems has been moved to ASCA at the Council
- Reminder to please fill out your member survey
- Increasing our social media presence, please forward any info your nominating organization would like to share with the general public
- Launching a new public website soon, would like one or two members to provide feedback. The Chair and Corey Klimchuk offered to review.

5. Meeting Finalization

5.1. Round Table

- There was a notice from NRC yesterday announcing the delay of the new National Building Code until December 2021, this means the Alberta Edition will also be delayed
- The Administrator noted that they are working together to ensure the Alberta Edition can be published in as timely a manner as possible

5.2. Next Meeting

The next meeting was reconfirmed for November 5th, 2020 via teleconference at 8:30 a.m.

5.3. Meeting Adjournment

Bruce Schultz/Stephen Hill moved to adjourn the meeting at 3:05 p.m.; CARRIED.

– NEW ACTION ITEMS –

2.1.3. Energy Efficient Seat and Nominating Organization

The following was discussed:

- Alberta Building Envelope Council was identified as a potential nominating organization, Council staff will reach out to them. [Council Administration]

2.3. Matrix Review

The sub-council matrix was reviewed to ensure it continues to appropriately represent the fire discipline. It was requested a footnote be added asking all home warranty providers to be approached for a nominee when that seat becomes vacant. The sub-council would like to invite the Refrigeration, Air Conditioning, Heating Association of Alberta (RAHA) to present at an upcoming meeting.

Colin Belliveau/ Matthew Kramer moved to accept the Building sub-council matrix as it currently is; CARRIED.

[Council Administration]

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– MOTIONS –

1.1 Agenda Adoption

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Matters Arising

3.1. Stacked Townhomes

Rick Gratton/David Flanagan moved to create a working group to review the work of the previous stacked townhomes working group and the response from Municipal Affairs; CARRIED.

Keith Jansen/David Flanagan moved to have an initial set of comments for the November 2020 meeting and aim to have a final set at the January 2021 meeting; CARRIED.

Rick Gratton /Stephen Hill moved to include as working group members Keith Jansen (Chair), Rick Gratton, David Flanagan, and others as necessary; CARRIED.

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Terry O'Flaherty/ Grace O'Brien moved that the final review be completed by March 2021; CARRIED.

Grace O'Brien / Terry O'Flaherty moved that the working group include as members: Terry O'Flaherty (Chair), Grace O'Brien, Corey Klimchuk and others as needed; CARRIED.

– WORKING GROUP MEMBER LISTS –

WORKING GROUP	WORKING GROUP MEMBERS (<u>Chair</u>)
Stacked Townhomes	<u>Keith Jansen</u> Rick Gratton, David Flanagan
Interior Stairways for Roof Access	<u>Terry O’Flaherty</u> Grace O’Brien, Corey Klimchuck
Using Stopped Escalators as Stairs Joint EVSC	<u>Corey Klimchuk, Dan Theriault</u> Rick Gratton, JC Bawa, Stephen Weston, Lonny Vanderheide, Don Ireland, Salim Merchant
Trade-Offs for Sprinklers in Part 9 Buildings	<u>Rick Gratton</u> Keith Jansen, Bruce Schultz, Terry O’Flaherty, Cammie Laird (FSC)