

Lower Mainland Technical Committee of Building Officials

Minutes for April 11th, 2018 Meeting
Hosted by City of Richmond

Note: The opinions expressed by this Committee in the Minutes of this meeting may be of assistance in determining the appropriate use of materials, equipment or methods of construction, but should NOT be considered as Official Building Code Interpretations.

2018 Chairperson: Trevor Welsh twelsh@portmoody.ca

2018 Co-Chairperson: Jonathan Mearns jmearns@richmond.ca

LMTC Member contact list Coordinator: Dawn Gillingham dgillingham@hope.ca

Date: April 11th, 2018

Location: City of Richmond

- 1.0 **Welcome Attendees:** Trevor Welsh welcomed the attendees to the City of Richmond, and thanked the host City. The meeting was called to order at 1:00pm.
- 2.0 **Introduction of Members**
- 3.0 **Appointment of Scribe** Name: Trevor Welsh AHJ: City of Port Moody
- 4.0 **Attendance:** All members are responsible to report their CPD points to the BOABC, through the web page members section.

Kathleen Stewart	City of Richmond
Bill Ozeroff	City of Maple Ridge
Amrit Batra	City of Richmond
Cameron MacKinnon	City of Richmond
Perry Halabuza	City of Coquitlam
Joe Krevs	City of New Westminster
Trevor Welsh	City of Port Moody
Jonathon Mearns	City of Richmond
Wil Neish	City of Burnaby
Reece Garcea	City of Surrey
Rita Lenz	City of Delta
Vanny Koles	City of Richmond
Richard Wilson	City of Mission
Alex Burreynson	District of West Vancouver
Chantal Gemperle	City of Pitt Meadows

Oscar Sieg	City of Langley
Paul Weber	City of Vancouver
Harprit Grewal	City of Surrey
Karl Rohde	City of White Rock
Norman Tong	Squamish Lillooet Regional District
James Hook	City of Vancouver

5.0 **Adoption of Minutes:** March 14th, 2018 – City of Burnaby

Motion to adopt Minutes Moved by: Wil Neish

Seconded by: Paul Weber

Discussion: Perry noted from a correction of spelling on item 10.5

Carried: Yes

6.0 **Review of Agenda.**

7.0 **Additional agenda items.**

8.0 **Old Business**

8.1	PE-RT Piping Update	Jon Milloy
On-going update of potential Building Act application.		
8.2	NFPA 20 – Access for Fire Pumps	Darrell Bridge
Follow up for appeal from NFPA regarding access requirements for fire pumps. CFT issued appeal (to either the province or NFPA)		
Chairperson to contact CFT for follow up to determine status of appeal.		
8.3	Determination of Fire Resistance Ratings	Jay Klassen
Follow up discussion regarding utilizing Article A-9.10.3.1. Tables versus Appendix D for Fire Resistance Rating. Subsection D-1.1.3., “The ratings shown in this document apply if more specific test values are not available.”. If specific assemblies are either identified in the tables of Article A-9.10.3.1. or listed to CAN/ULC S101, as noted in Subsection D-1.1.5. then the information provided in Appendix D cannot be used for Fire Resistance Ratings.		
Further discussion is required, examples are to be requested of conflicting assemblies.		

8.4	Combustible Pipe Transitions / Fire Rated Assemblies	Thomas Bradmore
<p>Discussion of the whether plumbing piping that penetrates a rated assembly is permitted to transition between combustible and non-combustible piping. Jurisdiction were to review and research to provide interpretations/comments back.</p> <p>Chairperson to contact Building Safety Standards Branch to ask if code change is going to occur based off of Interruption Committees suggestions.</p>		

9.0 **New Business:**

9.1	LMTC CPD Points and Hosting Meetings	Name: Trevor Welsh
<p>Discussion regarding CPD points and jurisdictions hosting meetings occurred.</p>		
9.2	Unprotected Openings	Name: Stacey McSherry
<p>Glazed openings in exposing building face in Part 9 – If Clause 9.10.15.4.(1)(b) conform to Subsection 3.2.3. is selected as the basis to determine area of unprotected openings, does all requirements under Subsection 3.2.3 apply, such as, Article 3.2.3.7. Construction of Exposing Building Face or would the construction of that same building face be limited to the provisions of Article 9.10.15.5.?</p> <p>Most jurisdictions agreed that the exposing building face construction requirements would not apply.</p> <p>Would the 3.2.3. table count glazed or unprotected openings. Majority of the jurisdictions would count as glazing, Vancouver’s Bylaw has unprotected openings counting in 9.10.15</p>		
9.3	Firefighting Provisions	Name: Oscar Sieg
<p>Under ‘provisions for firefighting’, the minimum lane width can be 6 metres. Which jurisdictions are demanding for more than 6 metres? And, is the demand for greater width coming from the Fire Department?</p> <p>No, jurisdiction are asking at BP. It was the consensus that if additional width was needed it would be Fire’s to request at DP.</p>		
9.4	Sprinkler Drawings Submissions	Name: Joseph Krevs
<p>Sprinkler drawings at BP submission. What other Municipalities are doing?</p>		

<p>A number of jurisdiction are now requiring dwgs and LOA at BP stage. Other Jurisdiction are still requiring after application. There is a shift to more jurisdictions requiring submission prior to BP issuance.</p>		
9.5	Glass Guards without Top Rail	Name: Dave Butler
<p>FYI to attending members, a new glass topless guard detail (attached) will be on EGBC website to replace the existing one Version1.0 -May 3, 2013 very soon. A few AHJs have already accepted them with full site details, site specific, along with letters of assurance, note laminated glass must be used and not tempered.</p>		
9.6	Secondary Suites – Within Duplex	Name: Perry Halabuza
<p>See attached sketch.</p> <ol style="list-style-type: none"> 1. Is a secondary suite permitted in each dwelling unit (by code)? Yes 2. Can the firewall be constructed as a “Party Wall” (with secondary suites)? No 		
9.7	SIP Panels	Name: Reese Garcia
<p>Receiving applications of SIPs panels with CSA components. Are other AHJ getting them? How are engineers for structure being utilized?</p> <ul style="list-style-type: none"> • A couple of AHJ have required Architectural Sign-offs; • Some systems have CCMC approval, no approval without RP. Vancouver would require Part 5 if they cannot confirm conformance with Part 9. 		
9.8	High Velocity Heating Systems	Name: Bill Ozeroff
<p>Maple Ridge has started to see high velocity heating ducts (smaller ducts) with spray foam being applied. It was the consensus of the other jurisdiction that it would not be accepted. Other jurisdictions haven’t been coming across this application at this time. See attached for code references provided by Maple Ridge.</p>		
9.9	Multiple Buildings on single podium	Name: James Hook
<p>How is spatial being treated between the buildings on the podium?</p> <p>It was the consensus that if the podium is separated through a 3.2.1.2. slab then spatial would be counted.</p>		

10.0 **Motion to adjourn meeting moved by:** Jonathan Mearns

Seconded by: Perry Halabuza

Adjournment of Meeting Time: 3:03pm

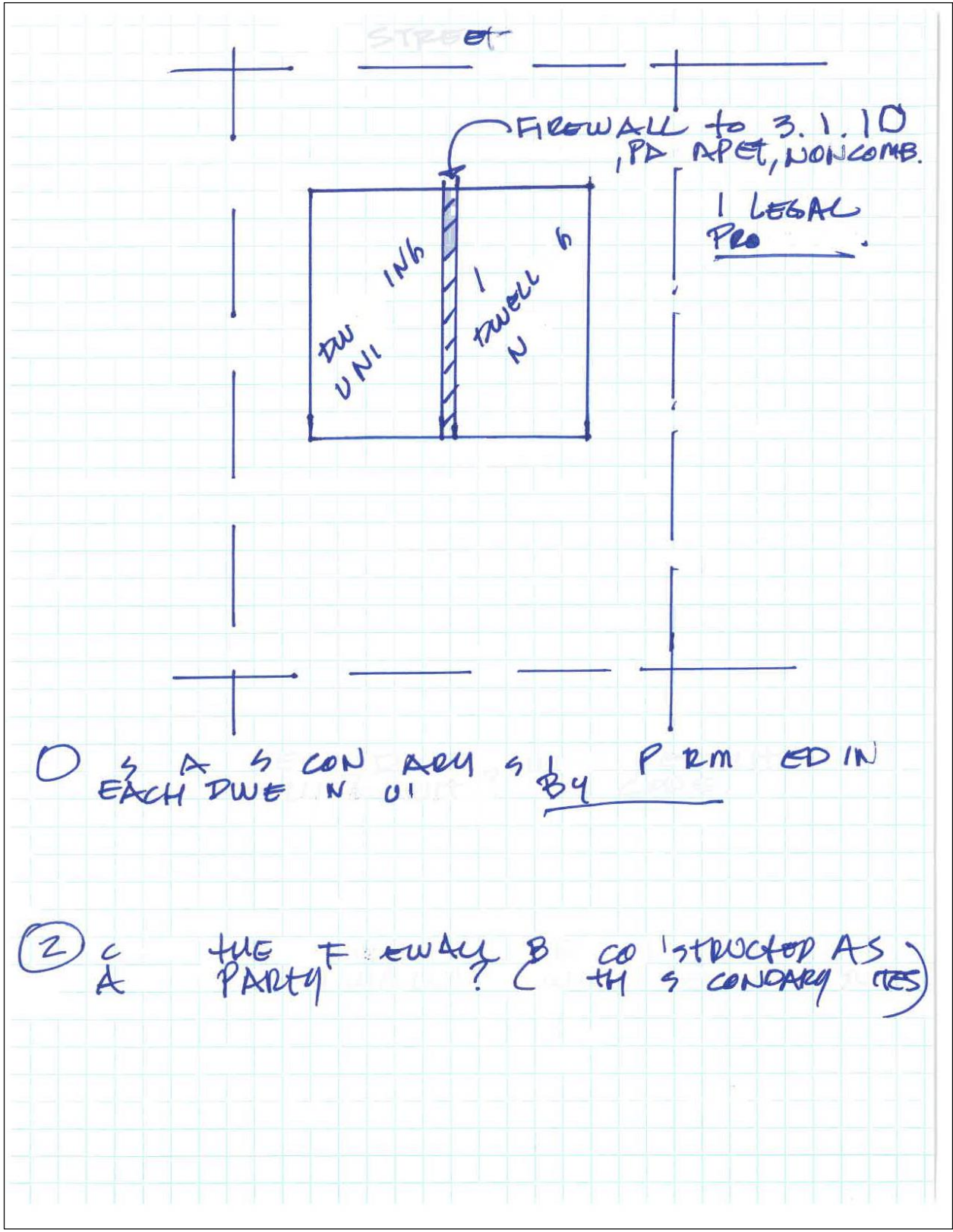
Location of next meeting: City of Port Moody

Date of next meeting: June 13th, 2018

2018 Meeting schedule:

- May 2018 No Meeting due to Spring Conference and AGM
- June 13th, 2018..... City of Port Moody
- July 11th, 2018..... City of Abbotsford
- August 2018..... No Meeting for Summer Vacations
- September 12th, 2018..... Township of Langley
- October 10th, 2018..... City of Surrey
- November 14th, 2018..... City of Coquitlam
- December 12th, 2018..... District of West Vancouver

Agenda Item 9.6 - Attachment



Agenda Item 9.8 - Attachment

9.33.6.4.(5) Coverings, Linings, Adhesives and Insulation

Related to discussion; High Velocity Heating Systems..... insulating ductwork with spray foam

- 1) Coverings, linings and associated adhesives and insulation of air ducts, plenums and other parts of air duct systems shall be of noncombustible material when exposed to heated air or radiation from heat sources that would result in the exposed surface exceeding a temperature of 120°C.
- 2) Except as provided in Sentence (3), when combustible coverings and linings, including associated adhesives and insulation, are used, they shall have
 - a) a flame-spread rating of not more than 25 on any exposed surface or any surface that would be exposed by cutting through the material in any direction, and
 - b) a smoke developed classification of not more than 50.
- 3) The outer covering of ducts, plenums and other parts of air duct systems used within an assembly of combustible construction are permitted to have
 - a) an exposed surface flame-spread rating of not more than 75, and
 - b) a smoke developed classification greater than 50.
- 4) Combustible coverings and linings described in Sentences (2) and (3) shall not flame, glow, smoulder or smoke when tested in accordance with the method of test in ASTM C 411, "Hot-Surface Performance of High-Temperature Thermal Insulation," at the maximum temperature to which the coverings and linings are to be exposed in service.
- 5) Except as provided in Sentence (6), foamed plastic insulation shall not be used as part of an air duct **or for insulating an air duct.**
- 6) Foamed plastic insulation is permitted to be used in a ceiling space that acts as a return air plenum provided the foamed plastic insulation is protected from exposure to the plenum in accordance with Sentence 3.1.5.12.(2).
- 7) Combustible coverings and linings of ducts, including associated adhesives and insulation, shall be interrupted
 - a) at the immediate area of operation of heat sources in a duct system, such as electric resistance heaters or fuel-burning heaters or furnaces, and
 - b) where the duct penetrates a fire separation.
- 8) Linings of ducts shall be installed so that they will not interfere with the operation of volume or balancing dampers or of fire dampers, fire stop flaps and other closures.