

Welcome - Agenda

In The Know

- Recent Interpretations
- Technical Bulletins
- Code Appeals

Spatial Separations

- History of spatial requirements
- Limiting Distance Offset and Skewed walls

Member Questions

Feedback and Future Sessions

AGENDA

These sessions are intended to:

- generate dialogue amongst members
- be a source of advice, feedback and options
- support members in their work
- provide professional development focus on your questions and feedback

These sessions are not:

- the only means for dialogue amongst members
- formal education and training
- exam review

PURPOSE

- ▶ 18-0074 L-Shaped Grab Bars in Accessible Showers ▶ 18-0076 - Openings near unenclosed exterior exit New ▶ 18-0077 - Application of CSA B651 for Tactile Walking Surfaces
- ▶ 18-0078 Combustible Exterior Soffits or Ceilings in a Noncombustible Building New
- ▶ 18-0079 Geotechnical Field Review on a Continuous Basis
- ▶ 18-0080 Supported Joist Span
- ▶ 18-0081 Engineering Design of Guards New
- ▶ 18-0082 Fixture Unit Load for a Wet Vent Serving a Water Closet
- 18-0083 Door Release Hardware at Exit Lobbies and at Exterior Doors from Exit Stair Shafts
- 18-0084 18-0084 Required RSI for Spray Foam Insulation Applied Directly to Underside of Roof Sheathing within an Attic with HRV Equipment
- ▶ 18-0085 Exterior Foam Plastic Insulation
- ▶ 18-0086 Plenums in Dwelling Units New
- 18-0087 Measuring LD to an ROW or Crown Land
- ▶ 18-0088 Minimum Size for Building Drain Cleanout New
- ▶ 18-0089 Floor Drain Requirements in a Single Family Dwelling with a Secondary Suite
- ▶ 18-0090 Doorway Emptying onto Ramp, Length of Landing
- ▶ 18-0093 Firestopping of Outlet Boxes
- ▶ 18-0095 Hold-Open Devices
- ▶ 18-0097 Site Grading for Surface Drainage New
- ▶ 18-0098 Mezzanine Area, Stair Opening, Layout of Open Horizontal Plane, Visual Access
- ▶ 18-0099 Fire Blocking in a Lowered Ceiling
- ▶ 18-0100 Fire Separation of Rooftop Exit Enclosures New
- ▶ 18-0101 Maximum Size Increase for Trap & Trap Arm
- ▶ 18-0102 Calculating Effective Thermal Resistance New
- ▶ 18-0103 Waterproof Finishes at Stand-alone Bathtub New
- ▶ 18-0104 Spray Foam Insulation as Alternate to Roof Venting New
- ▶ 18-0106 Heating and Insulation of Crawl Space New
- ▶ 18-0108 Fire Protection of Structural Steel in a Fire Separation New
- ▶ 18-0111 Protection of Structural Wood Elements from Moisture and Decay New
- ▶ 18-0112 Framing between Main Dwelling Unit and Secondary Suite New
- ▶ 18-0113 Emergency Power for Fire Pump New
- ▶ 18-0118 Guards with Flexible Pickets or Horizontal Rails
 New
- ▶ 18-0120 Type of Construction for Balconies New
- ▶ 18-0124 Blocking for L-shaped Grab Bar New

In The Know

Current Interpretations







Online Learning Information >

About ▼ Membership ▼ Oualification ▼ Certification ▼ Exams ▼ Education & Interpretations ▼ Contact Us Q

f in

Building and Plumbing Code Interpretations

2018 BC Building Code Interpretations Index

2012 BC Building Code Interpretations Index

2006 BC Building Code Interpretations Index

1998 BC Building Code Interpretations Index

The **BC Building Code Interpretation Committee** is comprised of the following stakeholders:

AIBC / EGBC / BOABC / City of Vancouver

The purpose of the BC Building Code Interpretation Committee is to:

- To facilitate province wide uniformity in the interpretation of the BC Building Code
- To receive, discuss and evaluate interpretation requests from code users
- To arrive at a consensus on the final wording of each interpretation for signature by the Chair
- To disseminate the completed interpretations to code users

The committee is not time-sensitive, meaning it can not, and should not, be used to provide immediate site-specific interpretation. The committee meets with the intention of providing generic interpretations that can form a basis for greater conformity and consistency in code use and application.

WHAT'S NEW

Act - How does this impact the permitting process

On April 29, 2021, Engineers and Geoscientists BC distributed information

to municipalities and regional districts...

Important Notice - Imported Structural Lumber and Enquiries about Plywood and

To: Canadian Building Associations and Officials, CLSAB Accredited Agencies and CLSAB Staff From: Chuck

Dentelbeck,..

BOABC Summer 2021 Newsletter - Issue #1 Click here to view the BOABC

Newsletter - Summer 2021 - Issue #1

June Building Code Webinar

Information Bulletin



Building and Safety Standards Branch

PO Box 9844 Stn Prov Govt Victoria BC V8W 9T2 Email: <u>building.safety@gov.bc.ca</u> Website: www.gov.bc.ca/buildingcodes

Website: www.gov.bc.ca/buildingcode

No. B21-01 February 1, 2021

Building Officials Qualifications

The purpose of this bulletin is to provide information about the mandatory qualification scheme for building officials in the Province of British Columbia.

Please note that unless it is clear from the context, the term 'building officials' in this bulletin includes plumbing officials.

Background

The Building Act (the Act) was passed in 2015 to modernize and improve the building regulatory system in British Columbia. In order to help assure the competency of building officials and support more consistent application of the BC Building Code, the Building Act sets out a requirement that all building officials must be qualified to make decisions about conformance with provincial building regulations on behalf of local authorities. Building officials are typically employed by local authorities to monitor the compliance of building design and construction with building regulations and bylaws. They review plans, issue building permits, and monitor buildings under construction.

On February 28, 2021, all building officials working on behalf of local authorities must hold qualifications commensurate with their scope of practice. Prior to this requirement in the Act, there were no mandatory requirements for the training, examination, or continuing professional development of building officials, although many chose to participate in the Building Officials' Association of BC (BOABC) voluntary certification programs.

Registering and Maintaining Qualification Requirements

To lawfully make compliance decisions, an individual must either be an exempt building professional or be entered into the register of qualified officials and maintain their compliance with the qualification requirements going forward. To be qualified, one must:

- Be a member in good standing of the BOABC;
- 2. Pass exams according to the level of their responsibilities;
- Undertake annual continuing professional development (CPD);
- 4. Be entered in the register of qualified building officials; and
- Pay an annual fee to the administrative authority and submit an annual report to the registrar.

The contents of this Bulletin are not intended to be provided as legal advice and should not be relied upon as legal advice. For further information, contact the Building and Safety Standards Branch. £

B.C. has declared a state of emergency | Visit EmergencyInfoBC for wildfire evacuation orders and evacuee supports







Home > Farming, natural resources and industry > Construction Industry > Building Codes & Standards > BC Codes >

- ▶ Building Act
- ▼ BC Codes

BC Codes 2018

Errata & Revisions

Technical Bulletins

Code Interpretations

Code Questions

Letters of Assurance

▶ Public Review

Accessibility

- Energy Efficiency

 ► Existing Buildings
- ▶ Building Code Appeal Board
- Other Construction Regulations

Safety Standards

 Resources & Contact Information

Technical Bulletins

The technical bulletins provide more detail and help clarify code provisions for builders and building professionals.

Technical bulletins

Expand All | Collapse All

BC Building Code 2018

- B21-01 Building Officials Qualifications (PDF)
- B19-08 <u>Changes to the BC Energy Step Code for Part 3 and Part 9</u>
 <u>Buildings (PDF)</u>
- B19-07 New Provisions for Encapsulated Mass Timber Construction (PDF)
- B19-06-R Revision 2 to the BC Building Code 2018 (Revised December 18, 2019) (PDF)
- B19-05 <u>Secondary Suites, Changes to Design and Construction</u> <u>Requirements (PDF)</u>
- B19-04 <u>Information for Planners about Changes to the BC Building</u> <u>Code for Secondary Suites (PDF)</u>
- B19-03 <u>Guidelines for Energy Advisors Setting Airtightness Values</u> for <u>Energy Modelling of Part 9 Buildings for Compliance with the</u> <u>BC Energy Step Code (PDF)</u>
- B19-02 <u>Step 1 in the BC Energy Step Code: Airtightness, Enhanced</u> Compliance and Compliance Paths (PDF)
- B19-01 Complying with Step 1 of the BC Energy Step Code for Part 9 Buildings (PDF)

Ask a Code Question

Reviewed the technical bulletins and <u>Codes Questions</u> page and still have questions?

Contact us

IN THE KNOW - TECHNICAL BULLETINS

¹ Local authorities in this document means a municipality or regional district other than the City of Vancouver, Treaty First Nations, the Nisga'a Nation or a Nisga'a Village, the board of governors of the UBC, or any other authority prescribed by regulation of the Lieutenant Governor in Council.

² Exempt building professionals are defined in Part 3 – Division 1 of the Building Act General Regulation, and include architects, professional engineers, and holders of limited licences under the Engineers and Geoscientists Act whose scope of practice includes consulting on building regulations. Other designations for specific limited circumstances and decisions are also identified there.

Home > Farming, natural resources and industry > Construction Industry > Building Codes & Standards > Building Code Appeal Board >







- BCAB Decisions > ▶ Building Act
- ► BC Codes

Accessibility

Energy Efficiency

- ► Existing Buildings
- ▼ Building Code Appeal Board **BCAB Decisions**
- Search All Decisions
- ▶ Other Construction Regulations
- Safety Standards
- Resources & Contact Information

BCAB #1863

June 1, 2021

Re: Spatial Separation, NFPA 13D, "Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes," Exemptions

Project description

The project is a two-storey single-family dwelling with an attached garage, located on a property where the fire department response time is expected to exceed 10 minutes in 10% or more of all calls to the subject site. In order not to reduce the limiting distance to half of the actual limiting distance as required by Sentence 9.10.15.3. (1), the building will be sprinklered in conformance with the applicable edition of NFPA 13D, "Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes."

Applicable Code requirements

The definition of "sprinklered" in Article 1.4.1.2. and Sentence 1.5.1.2.(1) in Division A, and Sentences 3.2.5.12.(1) and (3), 9.10.1.3.(8), and 9.10.15.3.(1) of Division B of the 2012 British Columbia Building Code.

Sprinklered (as applying to a building or part thereof) means that the building or part thereof is equipped with a system of automatic sprinklers.

1.5.1.2.(1) In case of conflict between the provisions of this Code and those of a referenced document, the provisions of this Code shall govern.

Appellant's position

The appellant maintains NFPA 13D, including the exemption for sprinkler protection in attached garages, complies with the requirements of Article 9.10.15.3 to apply the actual limiting distance for a sprinklered building.

Appeal Board decision #1863

It is the determination of the Board that the attached garage does not require sprinkler protection as per the exemptions contained in NFPA 13D.

Reason for decision

The Board does not consider a conflict exists between Article 9.10.15.3. and the referenced standard NFPA 13D. The Article does not specify additional sprinkler protection beyond that required by NFPA 13D.

Attached garages and other areas in buildings are exempt from sprinkler protection by NFPA 13D. The Board considers both storeys of the building, including the storey the garage is part of, to meet Code definition of "sprinklered".

The Board acknowledges the NFPA 13D standard may have shortcomings in its application for spatial separation, however those must be identified specifically and adopted within the BC Building Code to be applicable (such as in Sentence 3.2.5.12.(6)). The Board understands a code change request related to this matter may be under review.

Lyle Kuhnert

Chair, Building Code Appeal Board



B.C. has declared a state of emergency | Visit <u>EmergencyInfoBC</u> for wildfire evacuation orders and <u>evacuee supports</u>





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Home > Farming, natural resources and industry > Construction Industry > Building Codes & Standards > Building Code Appeal Board >

- Building Act
- ▶ BC Codes

Accessibility

Energy Efficiency

- Existing Buildings
- ▼ Building Code Appeal Board

BCAB Decisions

Search All Decisions

Other Construction Regulations

Safety Standards

► Resources & Contact Information

Building Code Appeal Board decisions

Building Code Appeal Board (BCAB) decisions are available online for review. Each decision of the board has a unique number. The higher the number, the more recent the decision.

Expand All | Collapse All

2021 decisions

- Appeal 1866 Required egress for a mercantile Group E suite, June 17, 2021
- Appeal 1865 Permitted use of a storage garage, June 17, 2021
- Appeal 1864 Required manual stations for fire alarm systems, May 27, 2021
- Appeal 1863 Spatial separation, NFPA 13D, "Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes," exemptions, June 1, 2021
- Appeal 1862 Spatial separation, NFPA 13D, "Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes," exemptions, May 27, 2021
- Appeal 1861 Pending
- Appeal 1860 Size of trap and trap arm in relation to fixture outlet pipe, April 15, 2021
- Appeal 1859 Pending
- Appeal 1858 Withdrawn
- Appeal 1857 Applicable edition of BC Building Code, April 1, 2021
- Appeal 1856 Application of Defined Term Dwelling Unit, February

BCAB decisions

Look up previous appeal board decisions using the online search tool.

Search all BCAB decisions

IN THE KNOW - BUILDING CODE APPEALS





Fire

Years of experience, incidents, tragedies, and education has helped evolve how people handle, control, prevent, contain, and provide safe conditions with fire.

SPATIAL SEPARATIONS





*To enforce these new rules surveyors were appointed and empowered with the authority to invoke jail sentences on violators

Rome 64AD – 6 days to bring under control Changes

- Wider streets,
- restrictions on the height of houses;
- no common walls of buildings and homes that were not constructed with fire resistant material such as stone.

London 1666* - It is estimated to have destroyed the homes of 70,000 of the City's 80,000 inhabitants.

Changes – **Rebuilding of London Act 1666**

Among other things, the Act added or modified regulations to:

- Architectural styles of buildings on designated high Streets
- ► Heights of private homes
- Building materials (brick and stone preferred)
- Wall thicknesses
- Street widths
- ▶ Buildings within 40 feet of the Thames
- Jetties and similar overhangs (banned)





Vancouver - 1886

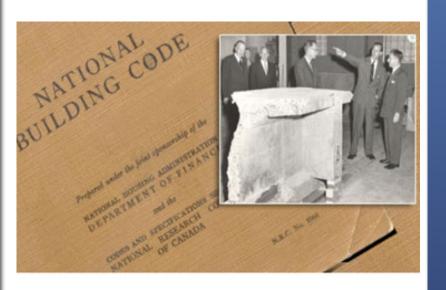
- Most of Vancouver structures were lost.
- ▶ Building rules enhancement of Fire and Police Dept.

Recent tragedies - Alberta

More recently significant subdivision fires in Alberta has resulted in that province taking significant steps to code changes in spatial requirements.

These fires have led to more in-depth research and new changes to:

- Limiting distances and fire department response time
- Size/Spacing of Unprotected openings;
- Construction of exposing building faces;
- Projections.



Column 1	Column 2	Column 3	Column 4	Column 5			
Grade of Separation	Minimum Fire Resistance of Construction	Minimum Fire Resistance of Closures	Minimum Fire Resistance of Shafts ⁽¹⁾	Minimum Space Separation			
Grade 1 Construction Separation	1 hour	% hour(1)	¾ hour(x)	_			
Grade 2 Construction Separation	2 hours	134 hours	1 hour	-			
Grade 3 Construction Separation	3 hours	2 hours	2 hours(2)	-			
Grade 4 Construction Separation	4 hours	3 hours	2 hours ^(tt)				
Grade 1 Space Separation		_		15 feet			
Grada 2 Space Separation	-	-	_	20 feet			
Grade 3 Space Separation	_	-	_	25 feet			

Original Spatial Regulations in the NBC

The NBC originally established the relationship of the size of the building and occupancy related to fire load and the distance to other buildings.

Referencing the 1953 National Building Code (NBC) "grade" separations determined by:

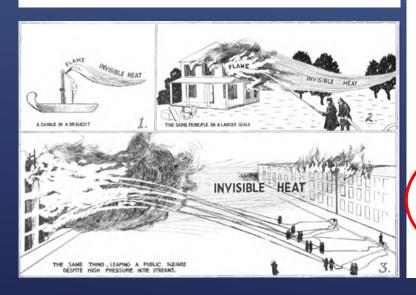
- Separation (construction) Fire Resistance of wall construction
- Separation (space) (Limiting Distance)
- Fire load lbs combustible material/square foot

SPATIAL SEPARATIONS HISTORY

- **▶** Conduction
- ▶ Convection
- Radiation* is typically the biggest factor in fire spread and therefore spatial standards have been set to control its effect on neighbour properties.
 - ► The main principle of radiation is: the closer the material is to the fire the more radiated heat it will receive.
 - Materials like concrete are good construction materials to help prevent fires spreading through houses or to nearby buildings.

HOW FIRE SPREADS

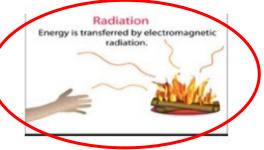














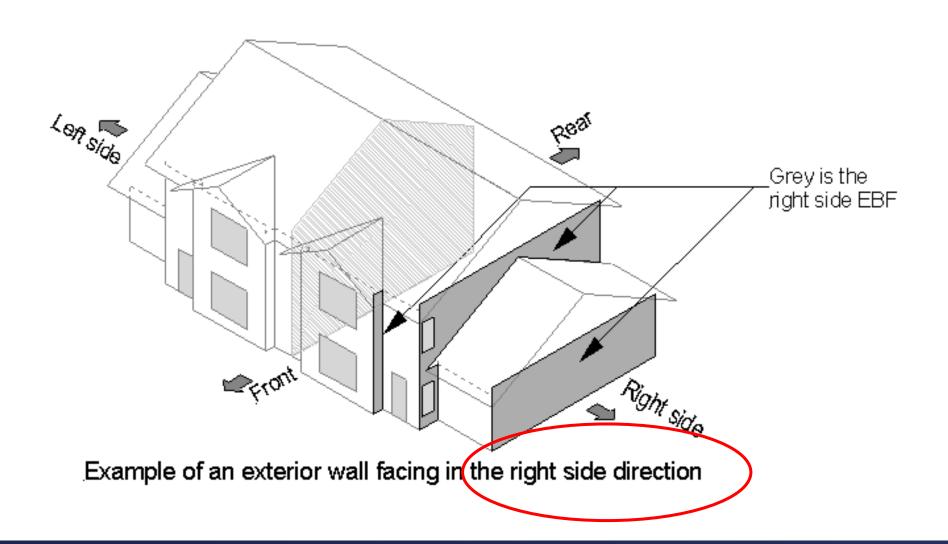
BOABC Module 03 Fire Protection 9.10.15.2

Following slides taken from BOABC teaching module 03

LIMITING DISTANCE OFFSET & SKEWED WALLS

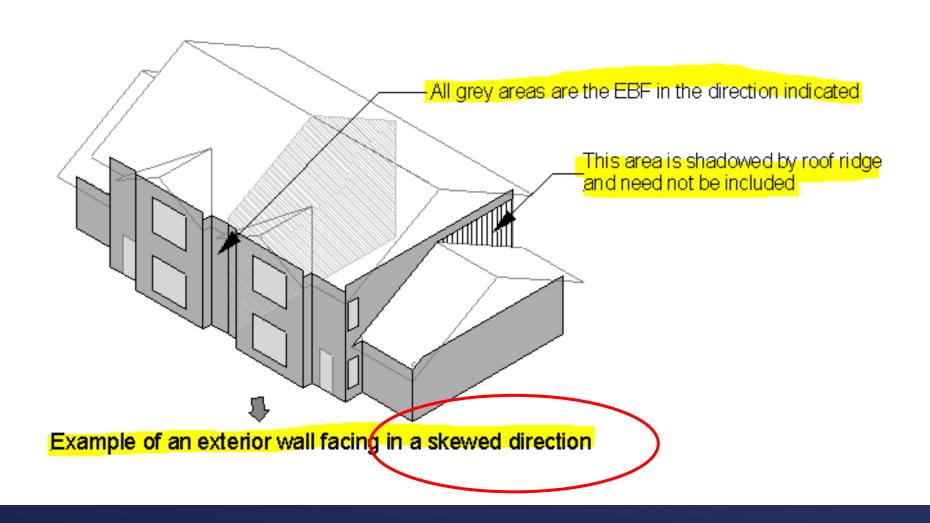


Area and Location of Exposing Building Face 9.10.15.2.



OFFICIAL S.

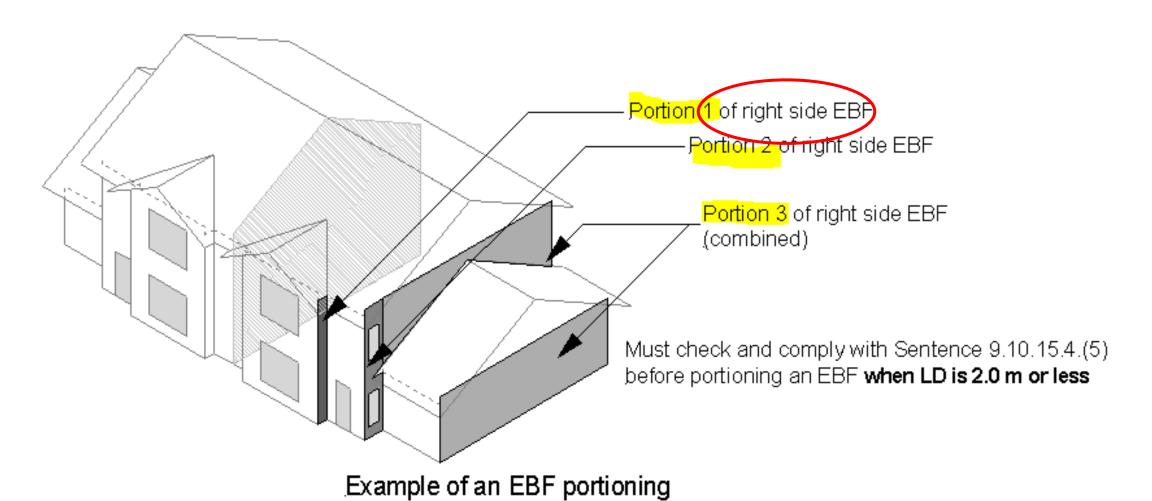
Subsection 9.10.15. Spatial Separation between Houses Area and Location of Exposing Building Face 9.10.15.2.



OFFICIALS.

Subsection 9.10.15. Spatial Separation between Houses

Area and Location of Exposing Building Face 9.10.15.2.





Area and Location of Exposing Building Face 9.10.15.2.

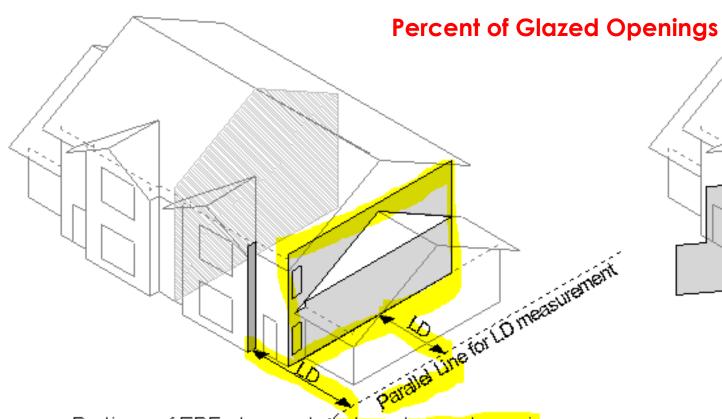
4) In the case of an irregularly-shaped or skewed exterior wall, the location of the EBF is taken as a vertical plane located so that there are no glazed openings between the vertical plane and the line to which the LD is measured. Table 9.10.15.4. can then be used to determine the maximum area of glazed openings permitted.

Note:

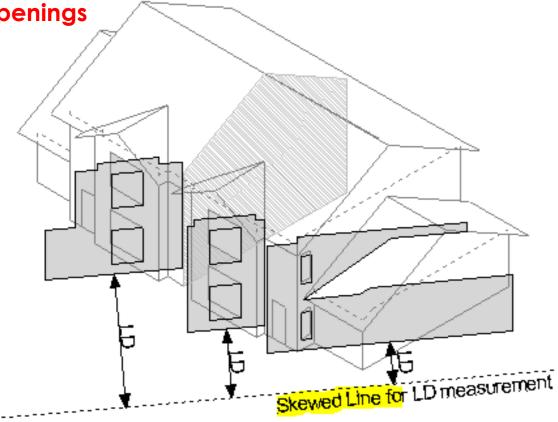
Regarding staggered or skewed exposing building faces of houses research shows that where an exposing building face is stepped back from the property line or is at an angle to the property line, it is possible to increase the percentage of glazing in those portions of the exposing building face further from the property line without increasing the amount of radiated energy that would reach the property line in the event of a fire in such a building.



Area and Location of Exposing Building Face 9.10.15.2.



Portions of EBF plane set at closest gazed opening to extablish LD to determine percent of glazed openings permitted in the portion



Portions of EBF plane set at closest gazed opening to extablish LD to determine percent of glazed openings permitted in the portion



Area and Location of Exposing Building Face 9.10.15.2.

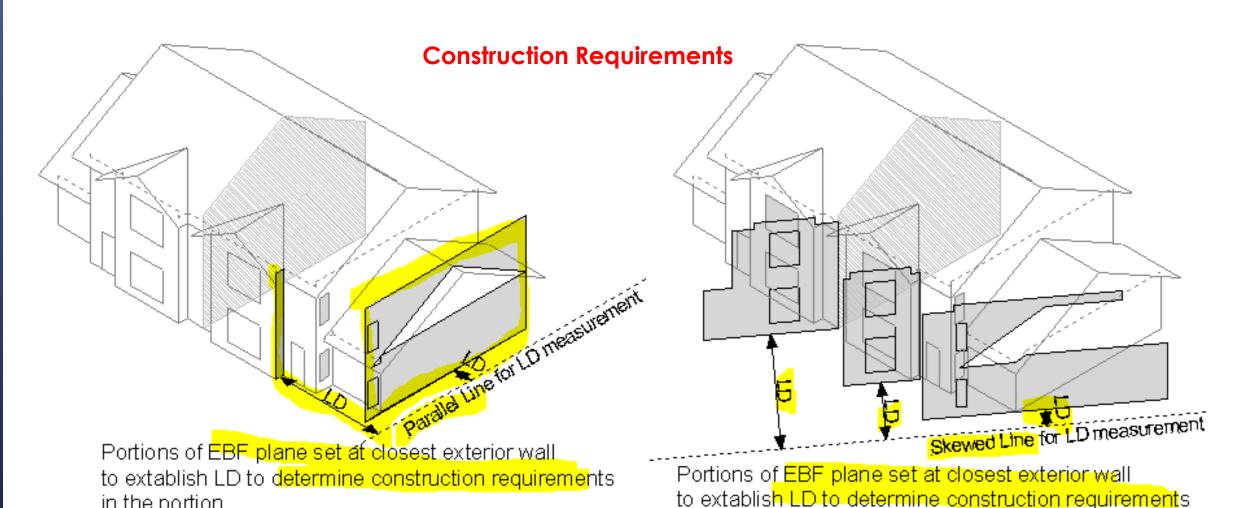
In order to determine the required cladding-sheathing assembly and fire-resistance rating for an irregularly shaped or skewed exterior wall, the location of the EBF is considered to be a vertical plane located so that no portion of the actual EBF is between the vertical plane and the line to which the LD is measured.

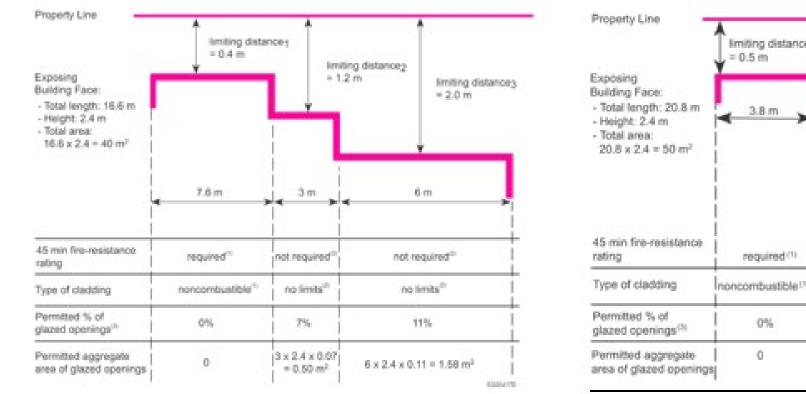
in the portion

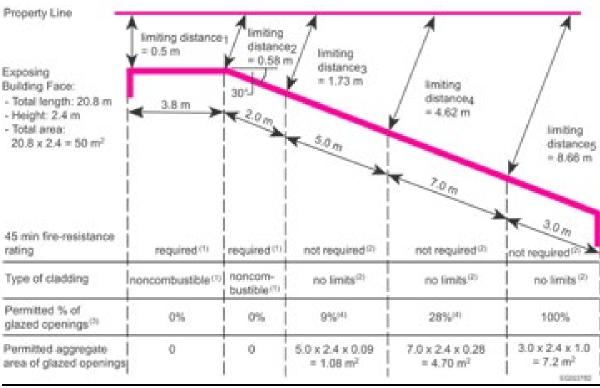
Subsection 9.10.15. Spatial Separation between Houses

in the portion

Area and Location of Exposing Building Face 9.10.15.2.







NBC AND BCBC – OFFSET AND SKEWED WALLS NBC WEBLINK

- Is your building department using a specific evaluation method?
- ► How is that information transferred to the drawings and verified on site? Revised drawings or markup notes?
- ▶ Is this information understood by the builder?

Please forward responses to BOABC – kkunka@boabc.org

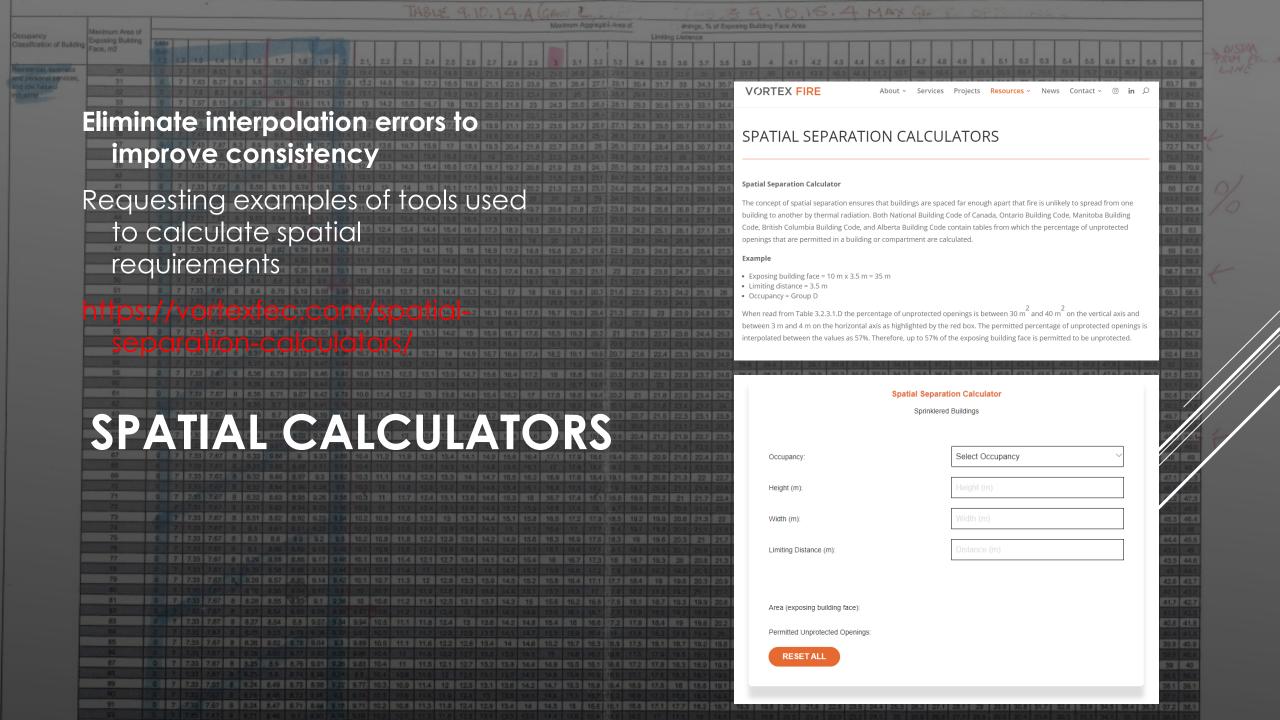
CONSISTENT APPROACH

NOTE:
THE AREA OF THE
OPENINGS ON THE
MEASUREMENT PLANE
WILL BE SMALLER THA
THEIR ACTUAL AREA

PROJECTION OF BUILDING FACE PARALLEL TO LINE TO WHICH UMITING DISTANCE IS MEASURED!

LIMITING DISTANCE

MEASUREMENT PLANE -



HOW CAN WE HELP BUILDERS AND DESIGNERS UNDERSTAND SPATIAL TO IMPROVE OUR EFFICIENCY AND **CONSISTENCY?**

SHOULD WE CREATE ONE COMMON DOCUMENT?



Information Bulletin

Spatial Separation Requirements

District of Lake Country

10150 Bottom Wood Lake Road Lake Country, BC V4V 2M1 t: 250-766-6675 f: 250-766-0200 Inspection Request Line 250-766-6676 okanaganway.ca

To inform staff, building contractors, home owners and the general public of the requirements in the British Columbia Building Code (BCBC) regarding Fire Protection as it relates to spatial separation between houses.

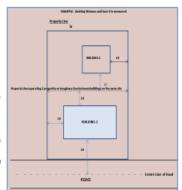
The BC Building Code uses different criteria to establish spatial separation requirements for unsprinklered buildings. depending on the response time of a fire department. Where the response time exceeds 10 minutes in 10% or more of the calls to, requirements related to limiting distance may be affected. As the District of Lake Country has a volunteer Fire Department, the response time exceed 10 minutes in all instances

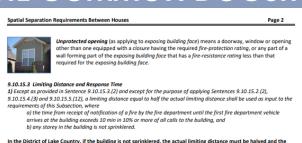
Limiting distance: means the distance from an exposing building face to a property line, the centre line of a street, lane or public thoroughfare, or to an imaginary line between 2 buildings or fire compartments on the same property, measured at right angles to the exposing building face

Exposing building face: means that part of the exterior wall of a building that faces one direction and is located between ground level and the ceiling of its top storey or, where a building is divided into fire



compartments, the exterior wall of a fire compartment that faces one direction. * in some circumstances, a roof is considered a wall





application of subsequent requirements applied as if the building was closer to the property line than it actually is.

9.10.15.4 Glazed Openings in Exposing Building Face

1) Except as provided in Sentence (6), the maximum aggregate area of glazed openings in an exposing building face shall

b) conform to Subsection 3.2.3., or

c) where the limiting distance is not less than 1.2 m, be equal to or less than the limiting distance squared.

There are 3 options available to calculate the maximum allowable aggregate area of glazed openings. In most cases, Table 9.10.15.4 is utilized, however all options can be considered and the least restrictive applied

Maximum Area of Glaze Forming part of		xter					uses					
Maximum Total Area of Exposing Building Face,	Maximum Aggregate Area of Glazed Openings, % of Exposing Building Face Area Umiting Distance, m											
m²	Less than 1.2	1.2	1.5	2.0	4.0	6.0	8.0	10.0	12.0	16.0	20.0	25.0
30	0	7	9	12	39	88	100	_	_	_	_	_
40	0	7	8	11	32	69	100	_	-	_	_	-
50	0	7	8	10	28	57	100	-	_	-	=	_
100	0	7	8	9	18	34	56	84	100	=	-	-
Over 100	0	7	7	8	12	19	28	40	55	92	100	_

EXAMPLES: CALCULATION OF GLAZED OPENINGS in EXPOSED BUILDING FACE (using Table 9.10.15.4)

(1) Exp. Building Face: 40m2 Limiting Distance: 2.0m (RU1 Single Family Residential minimum side yard setback per Bylaw 561, 2007) 1.0m Limiting Distance: 1.0m

% of glazed openings permitted: 0% (2)Exp. Building Face:

1.2m (used for calculation) % of glazed opening in exposed building face: 7% or 2.8m2 (40 x 0.07 = 2.8m2)

LAKE COUNTRY

Spatial Separation Requirements Between Houses

(3) Exp. Building Face: 40m2 Limiting Distance: 3.0m ½ Limiting Distance 1.5m

% of glazed openings in exposed building face: 8% or 3.2m2 (40 x 0.08 = 3.2m2)

9.10.15.4 2) Where the limits on the area of alazed openinas are determined for individual portions of the exterior wall, as described in Subclause 9.10.15.2. (1)(b)(iii), the maximum aggregate area of glazed openings for any portion shall conform to the values in the row of Table 9.10.15.4, corresponding to the maximum total area of exposing building face (see column 1 of the Table) that is equal to the sum of all portions of the exposing building face, (See Appendix A.)

3) Except for buildings that are sprinklered and for openable windows having an unobstructed opening equal to 0.35 m² installed in accordance with Sentences 9.9.10.1.(1) and (2), where the limiting distance is 2 m or less, individual glazed openings or a group of glazed openings in an exposing building face shall not exceed 50% of the maximum allowable aggregate area of glazed openings determined in Sentence (1).

4) The spacing between individual glazed openings described in Sentence (3) serving a single room or space described in Sentence (5) shall be not less than

a) 2m horizontally of another glazed opening that is on the same exposing building face and serves the single room or space, or b) 2m vertically of another glazed opening that serves the single room or space, or another room or space on the same storey.

5) For the purpose of Sentence (4), "single room or space" shall mean a) two or more adjacent spaces having a full-height separating wall extending less than 1.5 m from the interior face of the

b) two or more stacked spaces that are on the same storey

6) The limits on the area of glazed openings shall not apply to the exposing building face of a dwelling unit facing a detached

garage or accessory building, where

a) the detached garage or accessory building serves only one dwelling unit.

b) the detached garage or accessory building is located on the same property as that dwelling unit, and

c) the dwelling unit served by the detached garage or accessory building is the only major occupancy on the property.

9.10.15.4 (2) - (5) provide options for additional glazed openings if the exposed building face is staggered or skewed or the lot configuration is slanted/skewed/irregular; but also puts limits on the spacing of groups of windows depending on the limiting distance. If permitted, the wall can be portioned into sections and a varied percentage of glazed openings based on the limiting distance of that portion.

9.10.15.4.(6) a garage or shop or other accessory building placed on the same property as a dwelling is not subject to spatial separation requirements - however - important to note: should an accessory building contain a suite/living space, spatial separation calculations must be considered.

9.10.15.5 Construction of Exposing Building Face of Houses

Depending on limiting distance, the exposing building face will have certain construction requirements:

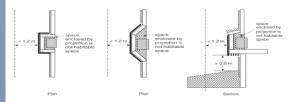
Limiting Distance	Exposed Building Face Construction *	Other Considerations
< 0.6m	Fire Resistance Rating not less than 45 minutes	Cladding to be metal or non-combustible; see the code for installation requirements
≥ 0.6m and < 1.2m	Fire Resistance Rating not less than 45 minutes	Cladding to be metal or non-combustible; can include some wood siding products – see BC Building Code for installation requirements
≥ 1.2m	No limits	No limits

*includes exterior walls located above the exposing building face that enclose an attic or roof space



Spatial Separation Requirements Between Houses

9.10.15.5(7) Combustible projections on an exposing building face The construction of projections from walls such as fireplaces or chimney chases that have a limiting distance of 1.2m or less are to be constructed in the same way as the exposing wall within 1.2m (as above) If the underside of the projection is more than 0.6m above finished ground level, it must comply with the protective requirements of 9.10.15.5.(7) b) i) - vi)



normal cladding-sheathing assembly

cladding-sheathing assemblies providing additional fire protection

9.10.15.5. (8) - (9) Projection of Soffits above Exposing Building Faces Soffits are not permitted to project to within 0.45m (except as provided in Sentence 10) of a property line and would be required to be trimmed back or have no soffit. (this typically would not occur in Lake Country with minimum zoning setback

9.10.15.5. (10) The face of a roof soffit is permitted to project to the property line,

9.10.15.5.(11) Where roof soffits project to less than 1.2 m from the property line, the centre line of a lane or public thoroughfare or an imaginary line between two buildings or fire compartments on the same property, they shall

a) have no openings, and b) be protected by

i) not less than 0.38 mm thick sheet steel,

ii) unvented aluminum conforming to CAN/CGSB-93.2-M, "Prefinished Aluminum Siding, Soffits, and Fascia, for Residential Use."

not less than 12.7 mm thick gypsum soffit board or gypsum ceiling board installed according to CSA A82.31-M, "Gypsum Board Application,"

iv) not less than 11 mm thick plywood,

v) not less than 12.5 mm thick OSB or waferboard

Have questions? We're here to help. Please contact the Building Department at 250-766-6675 for more information

eplacement for reviewing the bylaw or associated legal documents. If there is any contradiction between this guide and elevant municipal bylaws and/or applicable codes, please refer to the bylaws and/or codes for legal authority.



CONSISTENT APPROACH



FULL-SCALE FIRE STUDY OF SPATIAL SEPARATION

Research Report: IRC-RR-195

Date of Issue: May 19, 2005

Authors: Joseph Z. Su and Bruce C. Taber





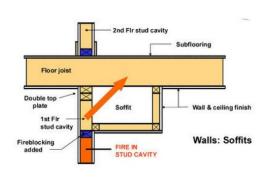




CONTINUED EDUCATION AND RESEARCH

https://nrcpublications.canada.ca/eng /view/ft/?id=a3eb57c3-04cb-4231-b2ad-e99c62dc9684







Next Session – Aug 26/21 FIRE BLOCKING FIRE STOPPING FIRE/SMOKE DAMPERS

THE GOOD, THE BAD, THE UGLY

MEMBER QUESTIONS (TO BE ADDED TO FORUM DISCUSSION)

FOR FOLLOW UP

- LOW PROFILE POT LIGHTS
 REQUESTING POLICY/EXAMPLES
- FLASHING TAPES
 REQUESTING POLICY/EXAMPLES

NEW

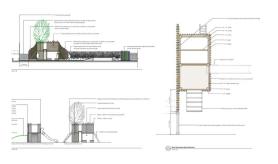
- GRADE CLEARANCES LESS THAN 150MM
- FIRE DAMPERS AUGUST SESSION
- FARM BUILDINGS OVER 600 SQM SEE FORUM

NEW

COMBUSTIBLE PLAY EQUIPMENT – HIGHRISE (NEW) ARTICLE 3.1.5. BCAB #1479

- ORIGINALLY BOARD CONSIDERED THE EXTERNAL LANDSCAPE ELEMENTS TO NOT PRESENT A GREATER HAZARD THAN OTHER ALLOWABLE COMBUSTIBLE ELEMENTS AND SUGGESTS AN EQUIVALENCY BE CONSIDERED.







BCAB #1479 - Combustible Landscape Structures on Roof of Noncombustible Buildings, Sentence 3.1.5.1.(1) ('92 BCBC)

April 21, 1999

BCAB #1479

Re: Combustible Landscape Structures on Roof of Noncombustible Buildings, Sentence 3.1.5.1.(1) ('92 BCBC)

-WAS THERE AN EQUIVALENCY?

URBAN OMNIBUS

The Tragic Poetry of Building Codes

Stephen Rustow • Mar 11, 2015

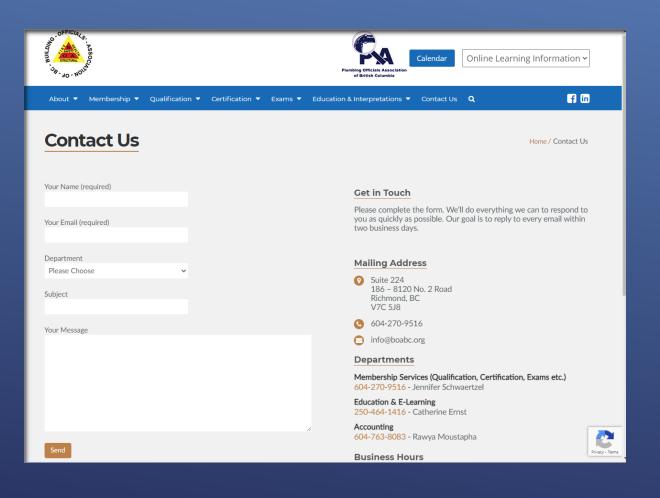
From time to time, our Omnibus columnists check in to provide commentary on issues of design, policy, and history and their impact on the life and form of the city today. Stephen Rustow's first column scaled the heights of New York's skyscrapers to consider "The Privatization of Prospect." Here, in his second installment, Rustow looks at three intangible forces that greatly influence the shape of our built environment: zoning, finance, and the building code. Based in regulation or market fluctuation, each code has a discrete history and objective, and, as Rustow points out, its own distinctive language. Below, Rustow discusses how these variations in parlance become physical and encourages greater appreciation of the codes' powerful and intertwined influence on urban form. – V.S.

Musings of a Code Nerd

Relationship between Zoning, Financing and Building Codes

https://urbanomnibus.net/2015/03/the-tragicpoetry-of-building-codes/

If zoning is sketched in watercolor or charcoal and financing counts in red and black ink, building codes are written in blood.



Session feedback & future topics kkunka@boabc.org

- Engagement & Communication Reminder
 - ► BOABC contacts
 - ▶ Zone Meetings
 - ► Zone Directors Mentors
 - ▶ Member Forum Discussions

NEXT SESSION IS AUGUST 26TH, 2021 FORUM DISCUSSION FIRE BLOCKING, FIRE STOPPING – FIRE/SMOKE D'AMPERS