



CITY OF VANCOUVER

POLICY REPORT
DEVELOPMENT AND BUILDING

Report Date: October 31, 2006
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Meeting Date: November 14, 2006

TO: Vancouver City Council

FROM: Chief Building Official

SUBJECT: Proposed 2007 Building By-law

RECOMMENDATION

- A. THAT Council adopt the 2006 British Columbia Building Code, amended generally as provided in Appendix A to reflect "Unique to Vancouver Requirements", as the 2007 Building By-law.
- B. THAT Council instruct the Director of Legal Services to bring forward a By-law that repeals Building By-law No. 8057 except for transitional provisions, creates the 2007 Building By-law referred to in Recommendation A, and takes effect on or after April 15, 2007 as determined by Council.

GENERAL MANAGER'S COMMENTS

The General Manager of Community Services RECOMMENDS approval of A and B.

COUNCIL POLICY

Under section 306(a) of the Vancouver Charter, Council may make By-laws to regulate the construction of buildings, and, under section 306(w), may adopt by reference in whole or in part and with any change Council considers appropriate, any code relating to fire safety or energy conservation or affecting the construction, alteration, or demolition of buildings.

On January 14, 2003, Council directed the Chief Building Official to collaborate with the Province of British Columbia in the adoption of the objective based building code in development at that time by the National Research Council of Canada, and to participate in the public consultation process relating to both the proposed National Building Code of Canada and the proposed British Columbia Building Code. Council further directed the Chief Building Official to use the proposed British Columbia Building Code as the base document for a new Building By-law.

SUMMARY

In this report,

- (a) "Current Building By-law" means Building By-law No. 8057,
- (b) "Proposed Building By-law" means the new By-law to which Recommendation A refers,
- (c) "Former NBC" means the 1995 National Building Code of Canada,
- (d) "Former BCBC" means the 1998 British Columbia Building Code,
- (e) "New NBC" means the 2005 National Building Code of Canada, and
- (f) "New BCBC" means the 2006 British Columbia Building Code.

This report recommends the adoption of the Proposed Building By-law in the objective based format using the New BCBC as the base document. As directed by Council, the development of the Proposed Building By-law was done in collaboration with the Province of British Columbia. Extensive public consultation with the construction industry was carried out through collaboration with the Province and the National Research Council of Canada in early 2003. This public consultation process focussed on the new objective based format and proposed technical changes to the model codes. Further consultation was carried out in August and September of 2006 with respect to the proposed "Unique to Vancouver" requirements that the Proposed Building By-law is to include. The results of these consultations were used in the development of the Proposed Building By-law.

The Proposed Building By-law maintains existing Council mandated policies while at the same time provides further harmonization with the New BCBC. Through the development of the Proposed Building By-law about 1/3rd of the differences between the Current Building By-law and the Former BCBC were deleted.

In addition to the objective based format and minor editorial changes, the following is a brief summary of what is new for the Proposed Building By-law:

- Alternative commercial kitchen exhaust requirements reflecting current technology that will better assist with the addition of restaurants in existing buildings. (A new "Unique to Vancouver" requirement.)
- New Objective and Functional Statements to address the energy efficiency type provisions of the Current By-law. (A new "Unique to Vancouver" provision. No additional Environmental Protection requirements are proposed at this time.)
- Revised Fire Department Access requirements that better reflect the operational needs of the Fire Department as well as existing infrastructures in the City. (A new "Unique to Vancouver" requirement.)
- Higher qualifications for Structural Engineers responsible for the structural design of major buildings. (A new "Unique to Vancouver" requirement.)

- Updated structural design requirements that reflect the latest research and knowledge and data in the field of structural engineering. (Consistent with the New BCBC and New NBC.)
- Updated traffic management requirements that reflect current provincial regulations. (Updates to the current “Unique to Vancouver” requirements.)
- Expansion of rain screen design for one and two family dwellings. (Consistent with the New BCBC and New NBC.)

Should Council accept the recommendations of this report, Staff recommend that the Proposed Building By-law be in effect on or after April 15, 2007 as determined by Council.

PURPOSE

This report recommends the adoption of the Proposed Building By-law using the New BCBC as the base document with the amendments provided in Appendix A. Appendix A provides a list of the recommended amendments to the New BCBC that will be used to form the Proposed Building By-law as well as indicates the nature of each amendment and whether it represents a change to the Current Building By-law. As directed by Council, the Proposed Building By-law is in the objective based format.

BACKGROUND

As stated in the Policy section of this report, the Vancouver Charter empowers Council to adopt by-laws to regulate the construction of buildings. The Current Building By-law regulates the construction requirements for buildings as well as the administrative provisions for permitting, inspection, and enforcement of these requirements.

Council’s ability to adopt its own Building By-law regulating the construction of buildings is unique in the Province and also unusual in the rest of Canada. It is an important authority which allows Council the opportunity to be responsive to local issues impacting on building safety much more effectively and quickly than other municipalities. Using this ability, the City has been a leader in adopting a number of building regulations, many of which have eventually been adopted both nationally and provincially. Notable examples of this leadership are; mandatory sprinkler systems, energy efficiency, rain screen cladding, enhanced accessibility, and upgrading of existing buildings. Many of these requirements have now been emulated in the current editions of the New NBC and New BCBC.

While Staff view Council’s authority to enact its own Building By-law as an important asset to the City, there has been consistent industry pressure for a uniform building code for the entire Province, including the City. Like the Current Building By-law, Staff have attempted to deal with these industry concerns, to the greatest extent possible, without impacting Council mandated policies in the development of the Proposed Building By-law. Development and preparation of the Proposed Building By-law was a formidable task. In addition to the work required to review and analyse the impact of the adoption of the New BCBC as the base document, Staff were required to carry out a detailed analysis of the current “Unique to Vancouver” requirements (differences between the Former BCBC and the Current Building By-law). Through this analysis further harmonization between the Proposed Building By-law and New BCBC was achieved in a significant way.

In order to be consistent with the base documents (New NBC and New BCBC) and follow Council policy, the Proposed Building By-law is in the objective based format. This format is designed to facilitate a more flexible approach to building regulation, by permitting alternate design solutions based on meeting fundamental intent and objectives of the Proposed Building By-law. Like the base documents, the Proposed Building By-law contains three Divisions. Division A will contain the objective and functional statements, Division B the prescriptive requirements which essentially resemble those of the Current Building By-law, and Division C will contain the administrative provisions.

It should be noted that the objective based format was developed by the National Research Council of Canada in collaboration with the Provinces and Territories. The City participated in this process as well as the sharing in the public consultation process carried out by the National Research Council of Canada and Province of British Columbia in early 2003.

DISCUSSION

As stated in the Background Section of this report, a major public consultation process was carried out by the National Research Council of Canada and the Province of British Columbia with respect to the development of the New NBC and New BCBC in early 2003. As directed by Council, the City participated in this process by sharing in the industry feedback received related to the proposed objective based format as well as the proposed technical changes to the New NBC that would be considered for the development of New BCBC and subsequently the Proposed Building By-law. At that time, over 1300 technical changes were recommended by the National Research Council of Canada for adoption into the New NBC. During this process all stakeholders were given the opportunity to provide relevant comments.

In August and September of this year, further consultation was carried out with respect to the proposed "Unique to Vancouver" requirements of the Proposed Building By-law. These "Unique to Vancouver" requirements are the amendments to the New BCBC that will be used to form the Proposed Building By-law. (See Appendix A) The results of the 2003 and 2006 public consultations were used in the development and preparation of the Proposed Building By-law.

The Proposed Building By-law attempts to deal with industry concerns, to the greatest extent possible, without impacting on Council policy directions. The Proposed Building By-law adopts the New BCBC as the base document and retains differences which are based on Council policy. These Council mandated policies are related to the following issues:

- Artist live-work studios
- Energy efficiency
- Enhanced accessibility requirements for persons with disabilities
- Existing building requirements
- Fire Department operational requirements
- Mandatory sprinkler systems

All of the above noted Council mandated policies have been carried over from the Current Building By-law to the Proposed Building By-law. It should be noted that as a result of the development of the Proposed Building By-law, approximately 1/3rd of the existing technical

differences between the Former BCBC and Current Building By-law have been deleted, while at the same time maintaining all Council mandated policies. Furthermore, a few additional "Unique to Vancouver" requirements are proposed for the New Building By-law. Staff believe that these additional requirements will provide greater assistance to Building Owners and Designers in the application of the Proposed Building By-law. (These new "Unique to Vancouver" requirements are discussed further below.)

SUMMARY OF SIGNIFICANT CHANGES TO THE PROPOSED BUILDING BY-LAW

The following is intended to provide a brief summary of the significant changes to the Proposed Building By-law which differ from that of the Current Building By-law. Changes which are considered minor and editorial in nature have not been included in this summary. It should be noted that some of the significant changes have been adopted as a result of our adoption of the New BCBC as the base document for the Proposed Building By-law.

Alternative Commercial Kitchen Exhaust Requirements - Over the past few years industry has expressed concerns over requirements for the installation of commercial kitchen exhaust systems. The Current Building By-law requires all kitchen exhaust systems to be vented vertically to the roof. When an existing building is altered by adding a new restaurant, venting to the roof can often be problematic and difficult. In the past, restaurant owners have submitted alternative solutions to address this requirement which met the intent and objective of the Current Building By-law. These alternative solutions were based on new technology which allowed a kitchen exhaust system to vent horizontally to the street or lane. In order to avoid a lengthy process and additional expense by restaurant owners, these equivalent measures have been incorporated into the Proposed Building By-law. This new "Unique to Vancouver" requirement will make it easier for building owners during the City's permitting and inspection process.

Environmental Protection Objective and Functional Statements - As stated in the Background Section of this report, the Proposed Building By-law will be in the objective based format. Since Environmental Protection is not an objective of the New NBC or New BCBC, additional objective and functional statements are required in the Proposed Building By-law in order to maintain existing Council mandated policies with respect to energy efficiency and water conservation. By providing "Unique to Vancouver" objective and functional statements related to Environmental Protection, these existing requirements may be retained in the Proposed Building By-law. It should be noted that no new Environmental Protection requirements have been added to the Proposed Building By-law. As the City's green building strategy is developed, further Environmental Protection requirements may be added to the Building By-law.

Revised Fire Department Access Requirements - For many years designers have expressed concern about the Fire Department access requirements in the Current Building By-law. Since these requirements were generic in nature and adopted directly from that of the Former BCBC and Former NBC, often the requirements did not address local geographic and operational needs of the City. As a result the Chief Building Official's Office worked with the Fire Department to develop more explicit requirements that will meet the City's overall needs. While these new requirements differ from that of the New BCBC and New NBC, they are easier to apply. These new "Unique to Vancouver" requirements will assist designers in meeting Fire Department requirements. While this change represents a new "Unique to

Vancouver" requirement, Staff feel it will assist applicants in meeting Fire Department requirements.

Higher Qualifications for Structural Engineers - Through the City's structural review pilot program, the Chief Building Official requested that the Association of Professional Engineers and Geoscientists of BC (APEGBC) consider higher qualifications for engineers practicing structural engineering. As a result, APEGBC has developed a Structural Engineer designation (Struct. Eng.) for its members. This designation requires engineers practicing structural engineering to undergo more rigorous training and testing. APEGBC's By-law with respect to the Structural Engineer designation will take effect on January 1, 2007.

Therefore, should Council accept the recommendations of this report, this provision will be mandated in the Proposed Building By-law for major buildings. This new "Unique to Vancouver" requirement will provide clarification to engineers and industry that structural designs for major buildings must be prepared by engineers having the "Struct. Eng." designation in accordance with APEGBC's By-laws. It should be noted that APEGBC has indicated that there are a sufficient number of engineers in the lower mainland to do this type of work. For the past two years APEGBC has made its members aware of this upcoming requirement.

Updated Structural Design Requirements - Both the New NBC and New BCBC have upgraded the structural design requirements for buildings. These revisions represent a change in structural design by impacting the way seismic, snow and wind loads are calculated. This change represents the latest research, knowledge and data in the field of structural engineering. The National Research Council of Canada has indicated that these changes will not represent a significant difference for most designs, however the new requirements will provide a better overall performance level for seismic, snow and wind loads. Through training programs offered by APEGBC and the National Research Council of Canada, structural engineers have been made aware of these new requirements and in fact, some designers have been using the new requirements in their designs for the past year. Therefore, the Chief Building Official has recommended that these new requirements be adopted in the Proposed Building By-law. Should Council accept these recommendations, the structural provisions of the Proposed Building By-law will be consistent with that of the New NBC and New BCBC. Therefore, this change is not considered to be a new "Unique to Vancouver" requirement.

Updated Traffic Management Safety Requirements - Engineering Services requested that the Chief Building Official update the requirements in Part 8 of Division B with respect to traffic control at construction and demolition sites. These requirements provide standards that must be followed at a construction or demolition site in order to limit the impact of construction activities on streets and roadways. Many of these requirements in the Current Building By-law are outdated and have subsequently been superseded by the Ministry of Transportation's "Traffic Control Manual for Work on Roadways". Since this manual has all ready been adopted by Engineering Services, the applicable traffic safety requirements of the Existing Building By-law have been revised accordingly. It should also be noted that these amendments also include safety measures for pedestrians, cyclists and other non- motorized modes of transportation. Therefore, this change only proposes further updates to existing "Unique to Vancouver" requirements.

Rain Screen for One and Two Family Dwellings - There is no requirement in the Current Building By-law for one and two family homes to have a rain screen cladding system.

However, both the New NBC and New BCBC now require rain screen cladding systems for all one and two family dwellings along the west coast of British Columbia. In the past, the City was seen as a leader in this regard by mandating rain screen design for all residential buildings other than one and two family dwellings. With the development of the most current model codes (New NBC and New BCBC), rain screen design has been introduced for typical wood frame residential buildings including one and two family dwellings. Therefore, should Council accept the recommendations of this report, rain screen design will be required for all residential buildings. The Chief Building Official feels that it is prudent that the City now follow both the National and Provincial standards for rain screen design in one and two family dwellings.

It should be noted that proposed rain screen requirements for one and two family dwellings are prescriptive in nature and therefore, will not require professional involvement as is required for other larger residential buildings. Since these requirements are prescriptive in nature, they can be followed by builders and home owners without having to hire the services of Architects or Engineers skilled in this type of work. Once again this change is not a new "Unique to Vancouver" requirement as it has been adopted by the New BCBC.

IMPLEMENTATION PLAN

In adopting the Proposed Building By-law, Staff suggest that sufficient time be provided for Industry as well as Staff to become familiar with the requirements of the Proposed Building By-law. In the past, Council has generally provided a transition period of 3 months between existing and new Building By-laws. At the moment, the Province of BC has provided Industry with a 3 month transition time before mandating the New BCBC which becomes effective on December 15, 2006. Should Council accept the recommendations in this report, Staff recommend that the Proposed Building By-law become effective three to four months after the Director of Legal Services brings forward the appropriate enactment By-law (i.e. Proposed Building By-law effective on or after April 15, 2007 as directed by Council).

This transition period will allow time for training of Industry and Staff prior to the effective date of the Proposed Building By-law as well as provide designers more lead time in completing designs which are currently under the provisions of the Current Building By-law. It should be noted that Staff and Industry training has been ongoing by the National Research Council of Canada with respect to the proposed format of the new objective based model code and technical changes, which form the base document for the Proposed Building By-law. This training has been made available to Staff as well as Industry. Furthermore, should Council accept the recommendations in this report, formal training will be available to Industry and Staff in late November and in early February 2007 with respect to the Proposed Building By-law.

PUBLIC CONSULTATION

As noted in the Discussion Section of this report, extensive public consultation related to the objective based format of the Proposed Building By-law and the technical changes to the base documents was carried out in early 2003. At that time, the City participated in this consultation process and the results were shared between the National Research Council of Canada, Province of British Columbia and the City. The feedback and comments resulting from this process were used in the development of the Proposed Building By-law.

In August and September of this year, further consultation with various stakeholders was carried out for the proposed “Unique to Vancouver” requirements. These stakeholders were as follows:

- Urban Development Institute
- Homeowner’s Protection Office
- British Columbia Construction Association
- Association of Professional Engineers and Geo-Scientists of British Columbia
- Architectural Institute of British Columbia
- Canadian Home Builders Association
- Applied Science Technologists and Technicians of British Columbia

The comments received with respect to the “Unique to Vancouver” requirements that are intended to form the Proposed Building By-law were minimal. The concerns raised were related primarily to the new environmental protection objective and functional statements, and the application of the structural engineer designation.

Industry expressed concern that the Proposed Building By-law would implement new “green building” type requirements. The Chief Building Official’s Office has provided clarification to these stakeholders to indicate that no additional “green building” requirements have been proposed at this time. These statements have only been added to the Proposed Building By-law in order to permit the retention of existing Council mandated policies related to energy efficiency and water conservation.

Industry also raised concerns about the requirement for all engineers responsible for the structural design of major projects to have a “Structural Engineer” designation in accordance with APEGBC’s By-laws. This concern was primarily related to the number of engineers in the Province having this designation. While this may be a concern in areas outside the Lower Mainland, APEGBC has indicated that there are a sufficient number of engineers in the Lower Mainland that currently have the “Structural Engineer” designation. Furthermore, APEGBC has indicated that all major structural engineering firms in the Lower Mainland have engineers on staff with this designation. The Chief Building Official’s Office has clarified this concern with the relevant stakeholders.

Minor revisions were suggested by Industry with respect to a few technical provisions of the Proposed Building By-law. These suggestions have been considered and the provisions have been modified accordingly.

It should also be noted that the highlights of the Proposed Building By-law were presented to an interdepartmental staff committee (Policy Implementation Advisory Committee) having representation from Planning, Development Services and Engineering Services. The committee supported the recommendations of this report and offered suggestions to ensure that there were no conflicts between the Proposed Building By-law and the Zoning and Development By-law. These issues have been addressed.

CONCLUSION

Through extensive public consultation, the Proposed Building By-law represents a significant improvement over the Current Building By-law in that it is now in the objective based format, provides further harmonization with that of the new British Columbia Building Code while maintaining Council mandated policies, and provides additional "Unique to Vancouver" requirements that will assist Building Owners, Designers and Staff with the application of the Proposed Building By-law.

Should Council accept the recommendations of this report, Staff suggest a 3 to 4 month transition period between the Current Building By-law and the proposed Building By-law. This transition period will allow time for Building By-law training to both Industry and Staff with respect to the requirements of the Proposed Building By-law.

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Unique to Vancouver Requirements

Division A – Part 1

(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	DELETE the word “Code” in the Title of Subsection 1.1.1. and REPLACE with the word “By-law”	No	Editorial change only.
2.	DELETE the word, “Code” in the Title of Article 1.1.1.1. and REPLACE with the word “By-law”.	No	Editorial change only.
3.	DELETE the word, “Code” in Sentence 1.1.1.1.(1) and REPLACE with the word “By-law”.	No	Editorial change only.
4.	DELETE the word, “Code” in Sentence 1.1.1.1.(2) and replace with the word “By-law”.	No	Editorial change only.
5.	DELETE Sentence 1.1.1.1.(4) and replace with the following two sentences: 4) Except as permitted in Sentence (5), this By-law applies to the <i>alteration</i> , rehabilitation and change of occupancy of <i>heritage buildings</i> . [See Articles 10.1.1.1. and 10.2.1.2. of Division B] 5) Alternative compliance methods for <i>heritage buildings</i> in Subsection 10.4.1. of Division B can be substituted for the requirements contained elsewhere in this By-law.	No	This was Article 2.1.6.1. of the 1999 VBBL. (This Sentence is only being relocated to Division A to be consistent with the Objective Based Code format.)
6.	DELETE the word “Code” in Sentence 1.1.2.1.(1) and replace with the word “By-law”.	No	Editorial change only.
7.	DELETE the word “Code” in Clause 1.1.2.1.(1) (k) and replace with the word “By-law”.	No	Editorial change only
8.	ADD the words “or removed” after the word “relocated” and ADD the words “or removal” after the word “relocation” in Clause 1.1.2.1.(1)(l).	No	Editorial change only
9.	DELETE the word “Code” in Sentence 1.1.2.2.(1) and REPLACE with the word “By-law”.	No	Editorial change only

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
10.	DELETE the words "Special events facilities" and REPLACE with [...] and DELETE the words "Authority Having Jurisdiction" and REPLACE with the words " <i>Chief Building Official</i> " in Clause 1.1.2.2.(1)(f).	No	Editorial change only
11.	DELETE the word "and" from the end of Clause 1.1.2.2.(1)(g).	No	Editorial change only
12.	INSERT the following clause after Clause 1.1.2.2.(1)(h): i) existing <i>one-family dwellings</i> which are located on a parcel which is the subject of an application to subdivide into strata lots, provided that i) the minimum distance between the existing <i>one-family dwelling</i> and any of the proposed new strata title boundaries complies with the applicable spatial separation requirements in Part 3 or 9 of Division B, and ii) the existing <i>one-family dwelling</i> is not renovated or changed to any other use.	Yes	Editorial change only to delete the 0.91ha lot size and the 15m limiting distance restriction in the 1999 VBBL. This was Clause 1.1.2.2.(1)(i) in the 1999 VBBL.
13.	DELETE the words "the level of life safety and building performance shall not be decreased below a level that already exists." and REPLACE with "the <i>building</i> shall be upgraded in accordance with Part 10." in Sentence 1.1.2.3.(1).	Yes	Change to reflect our existing building requirements.
14.	DELETE Sentence 1.1.2.4.(1) and replace with the following: 1) Deleted.	No	Editorial change only.(these provisions are located elsewhere in the By-law)
15.	DELETE the word, "Code" in the title of Subsection 1.2.1. and REPLACE with the word "By-law".	No	Editorial change only.
16.	DELETE the word, "Code" in the title of Article 1.2.1.1. and REPLACE with the word "By-law".	No	Editorial change only.
17.	DELETE the word, "Code" in Sentence 1.2.1.1.(1) and REPLACE with the word "By-law".	No	Editorial change only.
18.	DELETE the word, "Code" in Sentence 1.2.1.1.(2) and REPLACE with the word "By-law".	No	Editorial change only.
19.	DELETE the word, "Code" in Sentence 1.2.2.3.(1) and REPLACE with the word "By-law".	No	Editorial change only.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
20.	DELETE the word "Code" in the Title of Section 1.3 and REPLACE with the word "By-law".	No	Editorial change only.
21.	DELETE the word "Code" in Sentence 1.3.1.1.(1) and REPLACE with the word "By-law".	No	Editorial change only.
22.	DELETE the word, "Code" in Sentence 1.3.1.2.(1) and REPLACE with the word "By-law".	No	Editorial change only.
23.	DELETE the word, "Code" in Sentence 1.3.1.3.(1) and REPLACE with the word "By-law".	No	Editorial change only.
24.	DELETE the word, "Code" in Sentence 1.3.1.4.(1) and REPLACE with the word "By-law".	No	Editorial change only.
25.	DELETE the word, "Code" in Sentence 1.3.2.1.(1) and REPLACE with the word "By-law".	No	Editorial change only.
26.	DELETE the word, "Code" in Sentence 1.3.3.1.(1) and REPLACE with the word "By-law".	No	Editorial change only.
27.	INSERT the following Sentence after Sentence 1.3.3.2.(1): "2) Part 4 Shall apply to all <i>buildings</i> except <i>one and two family dwellings</i> and <i>accessory buildings</i> ."	No	This sentence was Sentence 2.1.2.1.(2) of the 1999 VBBL. (<i>The Sentence is only being relocated to Division A to be consistent to that of the Objective Based Code format.</i>)
28.	INSERT the following Sentence after Sentence 1.3.3.2.(2): "3) Part 5 shall apply to all Group C <i>multi-family buildings</i> and <i>Artist Live/Work Studios</i> more than 2 storeys in <i>building height</i> or more than 600 m ² in <i>building area</i> regardless of <i>firewalls</i> ."	No	This sentence was Sentence 2.1.2.1.(3) of the 1999 VBBL. (<i>The Sentence is only being relocated to Division A to be consistent to that of the Objective Based Code format.</i>)
29.	INSERT the words, "Except as provided in Sentence 1.3.3.2.(2)" at the beginning of Sentence 1.3.3.3.(1).	Yes	Editorial change to reflect the 1999 VBBL variation that mandates Part 4 for all buildings other than one and two family dwellings. (In 1999 VBBL, this Sentence was 2.1.3.1.(1).)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
30.	<p>INSERT the following Article after Article 1.3.3.4.:</p> <p>1.3.3.5. Buildings Divided by Property Lines</p> <p>1. Where a subdivision of land creates a parcel boundary in or through a <i>building</i> which otherwise complies with this By-law, or new <i>construction</i> is proposed to cross an existing parcel boundary, such <i>building</i> or a portion of the <i>building</i> may at the discretion of the <i>Chief Building Official</i> be considered as a single <i>building</i> not requiring internal <i>firewalls</i> or <i>party walls</i> along lot lines provided that legal agreements are registered against title to all parcels whereby</p> <ul style="list-style-type: none"> a) all relevant <i>owners</i> grant easements necessary to ensure common access to the fire and life safety systems and <i>exits</i> required for the <i>building</i> to function as a single <i>building</i> and to allow the <i>owners</i> to operate and maintain the <i>building</i> and its common systems, and b) all <i>owners</i> grant a covenant to the city on terms acceptable to its Director of Legal Services and the <i>Chief Building Official</i> whereby the <i>owners</i> <ul style="list-style-type: none"> i) acknowledge and agree that they have requested the <i>Chief Building Official</i> to treat the <i>building</i> as a single <i>building</i>, ii) release and indemnify the city and the <i>Chief Building Official</i> for, without limitation, all liability arising from the <i>Chief Building Official</i> agreeing to treat the <i>building</i> or a portion of the <i>building</i> as a single <i>building</i> for the purposes of this By-law, and iii) agree to inspect, test and keep in good repair and good working order all common fire and life safety systems, common utilities and shared <i>exits</i> located on their parcel and, to the extent necessary, use the easements referred to in Clause (a) for that purpose. 	No	This Article was Article 2.1.7.3. in the 1999 VBBL. (This article is only being relocated to Division A to be consistent with the Objective Based Format.)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
31.	<p>INSERT the following Article after 1.3.3.5.</p> <p>1.3.3.6. Automatic Sprinkler Systems</p> <p>1) Except for <i>buildings</i> described in Sentence (2), all newly constructed <i>buildings</i> shall be provided with an automatic <i>sprinkler system</i> designed and installed in accordance with Article 3.2.5.13.</p> <p>2) The following <i>buildings</i> are not required to be <i>sprinklered</i></p> <ul style="list-style-type: none"> a) temporary <i>buildings</i> conforming to Subsection 1A.7.7., and tents and <i>air-supported structures</i> conforming to Subsection 3.1.6., b) one <i>storey</i> non-residential storage <i>buildings</i> less than 100 m² in <i>building area</i>, and having a <i>limiting distance</i> on all sides of not less than 15 m, c) one <i>storey</i> detached residential garages and carports, d) one <i>storey</i> detached <i>buildings</i> which are accessory to <i>one- and two-family dwellings</i>, and which are less than 50 m² in <i>building area</i>, e) <i>industrial</i> or hazardous <i>occupancies</i> where the <i>Chief Building Official</i> accepts that the installation of an automatic <i>sprinkler system</i> would represent a hazard to the occupants or would be incompatible with the use of the <i>building</i>, f) public concession stands and changing room <i>buildings</i> less than 100 m² in <i>building area</i> and having a <i>limiting distance</i> on all sides of not less than 15 m, g) ticket kiosks, h) bleachers which do not contain roofed <i>occupancies</i>, i) <i>farm buildings</i>, j) greenhouses used solely for the growing of plants where no public admittance is permitted, and k) one <i>storey</i> portable classroom <i>buildings</i> of less than 100 m² in <i>building area</i> with an <i>occupancy</i> classification of Group A <p>Division 2 or Group D. [See Appendix A.]</p>	No	This Article was 2.1.8.1. in the 1999 VBBL. (This article is only being relocated to Division A to be consistent with the Objective Based Format.)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
32.	<p>Insert the following Article after Article 1.3.3.6.:</p> <p>1.3.3.7. Energy Use</p> <p>1) Except as permitted in Sentence (2), all <i>buildings</i> referenced in Sentence 1.3.3.2.(1) and Sentence 9.25.1.1.(3) of Division B shall comply with the energy efficient design requirements of ANSI/ASHRAE/IESNA 90.1, "Energy Standard for Building Except Low-Rise Residential Buildings".</p> <p>2) If the <i>Chief Building Official</i>, in consultation with the Director of Planning, is of the opinion that enforcement of the ANSI/ASHRAE/IESNA 90.1 Standard will result in unnecessary hardship including, without limitation, the incremental cost of full compliance exceeding the discounted value of future energy savings, the <i>Chief Building Official</i>, in consultation with the Director of Planning, may relax the requirements of Sentence 1.3.3.7.(1). (See Appendix A.)</p> <p>3) Group C, <i>residential occupancies</i>, less than 4 storeys in <i>building height</i> shall comply with the energy efficient design requirements of Section 9.25. of Division B. Heat Transfer, Air Leakage and Condensation Control".</p>	Yes	<p>This provision does not exist in the BCBC. The BCBC does not contain energy requirements; therefore this is required to clarify the score of the City's energy requirements.</p> <p>The reference to Sentence 1.3.3.2.(1) in Sentence (1) is Sentence 2.1.2.1.(1) of the 1999 VBBL. The proposed Appendix note will make reference to Bulletin 2004-008-BU.</p>
33.	DELETE the word "Code" in Sentence 1.3.4.1.(1) and REPLACE with the word "By-law".	Yes	Editorial change only.
34.	DELETE the word "Code" in Sentence 1.4.1.1.(1) and REPLACE with the word "By-law".	No	Editorial change only.
35.	DELETE the word "Code" in Sentence 1.4.1.1.(2) and REPLACE with the word "By-law".	No	Editorial change only.
36.	DELETE the word "Code" in Sentence 1.4.1.1.(3) and REPLACE with the word "By-law".	No	Editorial change only.
37.	DELETE the word "Code" in Sentence 1.4.1.1.(4) and REPLACE with the word "By-law".	No	Editorial change only.
38.	DELETE the word "Code" in Sentence 1.4.1.2.(1) and REPLACE with the word "By-law".	No	Editorial change only.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
39.	<p>DELETE the definitions of "Bathroom group", "Heritage building", "Owner", Plumbing contractor", Secondary suite", "Street", and "Unsafe condition" from Sentence 1.4.1.2.(1), and INSERT the following into Sentence 1.4.1.2.(1) in alphabetical order:</p> <p><i>Acceptable</i> means acceptable to the <i>Chief Building Official</i>.</p> <p><i>Accepted</i> means accepted by the <i>Chief Building Official</i>.</p> <p><i>Addition</i> means an <i>alteration</i> to any <i>building</i> which will increase the total aggregate <i>floor area</i> or the <i>building height</i> (in <i>storeys</i>).</p> <p><i>Apprentice</i> means a regularly indentured apprentice under the British Columbia Industry Training Authority Act.</p> <p><i>Approved</i> (as used in Part 7) means <i>accepted</i>.</p> <p><i>Area of refuge</i> means a space that facilitates a safe delay in egress, is sufficiently protected from fire conditions developing in the <i>floor area</i>, and provides direct access to an exit or fire fighters' elevator.</p> <p><i>Artist Live/Work Studio</i> means an Artist Studio and a Residential Unit associated with and forming an integral part of an Artist Studio, as those terms as defined in the Zoning and Development By-law.</p> <p><i>Artist studio</i> — <i>Class A and artist studio</i> — <i>Class B</i> have the meaning assigned to them by the Zoning and Development By-law.</p> <p><i>Bathroom group</i> means one lavatory basin, one water closet and one bathtub or maximum 2 head shower drain.</p> <p><i>Building Energy Use</i> means non site-renewable energy used for space heating, cooking and/or operation of <i>buildings</i> intended for human <i>occupancy</i>.</p> <p><i>Building Envelope Professional</i> means a member of the Architectural Institute of British Columbia or the Association of Professional Engineers and Geoscientists of the Province of British Columbia</p>	No	<p>These defined terms were in Sentence 1.1.3.2.(1) of the 1999 VBBL. (No changes have been made other than the ones noted.)</p> <p>The Province repealed the Apprenticeship Act in 1997. This is the title of the present Act.</p> <p>The <i>Building Energy Use</i> is a new definition and does not exist in the BCBC. Since the BCBC does not contain energy requirements, this definition is required to address the City's Environmental Protection objectives in Division A-Part 2.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p><i>Building Inspector</i> includes the <i>City Building Inspector</i> and any other employee of the city authorized to inspect on behalf of the <i>City Building Inspector</i>.</p> <p><i>Catch basin</i> means a receptacle installed to intercept the flow of deleterious matter into the <i>building sewer</i> or public <i>sewer</i> and to prevent the outflow of sewer gas, but does not include a <i>sump</i>.</p> <p><i>Certified Professional</i> means a Certified Professional as defined in the Certification of Professionals By-law.</p> <p><i>Chief Building Official</i> means the <i>City Building Inspector</i>.</p> <p><i>City Building Inspector</i> means the person appointed as such by City Council pursuant to the provisions of the Vancouver Charter and includes a Deputy to the <i>City Building Inspector</i>.</p> <p><i>City Engineer</i> means the person appointed as such by City Council pursuant to the provisions of the Vancouver Charter.</p> <p><i>Construction</i> means, with respect to a <i>building</i>, erection, repair, <i>alteration</i>, enlargement, <i>addition</i>, demolition, removal and excavation.</p> <p><i>Construction Safety Officer</i> means a person who has been trained specifically to understand and apply <i>safe construction</i> practice as it relates to the worksite and as it affects the public, neighbouring property and utilities, and who has been retained by the <i>owner</i>, or the <i>owner's</i> principal <i>contractor</i> or <i>project</i> manager, to coordinate all subtrade supervisors relating to <i>construction</i> safety at the <i>project</i> site.</p> <p><i>Construction Safety Program</i> means a policy of construction procedures designed to protect workers on a <i>project</i>, neighbouring private property, public property and members</p>		

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p>of the general public, and includes measures of fire safety.</p> <p><i>Contractor</i> means a person who contracts with an <i>owner</i> or an authorized agent of an <i>owner</i> to undertake a <i>project</i>, and includes an <i>owner</i> who contracts with more than one person for the work on a <i>project</i> or undertakes the work on a <i>project</i> or any part thereof.</p> <p><i>Designated flood plain</i> means an area of land designated as such by the City or the Province of British Columbia that is susceptible to the rise of ocean and river water bodies due to tidal and storm-water conditions. [See Appendix A.]</p> <p><i>Designated Structural Engineer (Struct. Eng.)</i> means a person who is registered or licensed to practice as a professional engineer under the Engineers and Geoscientists Act., and a person who is designated by the Association of Professional Engineers and Geoscientists of British Columbia as a Designated Structural Engineer.</p> <p><i>Ecology unit</i> means a device used for the cleaning of exhaust air and listed in conformance with ULC-S647.</p> <p><i>Existing building</i> means a building lawfully constructed and completed under a <i>permit</i> before submission of the current <i>permit</i> application.</p> <p><i>Floor drain</i> means a <i>fixture</i> used to receive water from the floor of a <i>building</i>.</p> <p><i>Green House Gases</i> mean any gas that contributes to a gradual warming of the Earth's climate as a result of increased heat retention.</p> <p><i>Heritage building</i> is a <i>building</i> which is legally protected or officially recognized as a heritage property by the Provincial or the City. [See Appendix A.]</p>		<p>A new definition for <i>Designated Structural Engineer</i> has been added to address Vancouver's requirement for major building projects.</p> <p>A new definition for <i>Ecology unit</i> has been added to address commercial kitchen exhaust duct location requirements.</p> <p><i>Green House Gases</i> is a new definition and does not exist in the BCBC. Since the BCBC does not contain energy requirements, this definition is required to address the City's Environmental Protection</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p><i>Journeyman plumber</i> means a person, other than an <i>apprentice</i>, who holds a certificate issued pursuant to the British Columbia Industry Training Authority Act authorizing the person to engage in the plumbing trade.</p> <p><i>Licensed Beverage Establishment</i> means an <i>assembly occupancy</i> or part thereof, where people may consume alcohol in a Restaurant - Class 2 as defined in the Zoning and Development By-law, lounge, recreational centre, community hall, cabaret, pub, neighbourhood public house, marine public house and similar facility.</p> <p><i>Multi-family</i> means a <i>residential occupancy</i> with more than two <i>dwelling units</i>. [See Appendix A.]</p> <p><i>One-family dwelling</i> means a <i>building</i> containing only one <i>dwelling unit</i>.</p> <p><i>One-family dwelling with secondary suite</i> means a <i>building</i> containing only two dwelling units of which the <i>secondary suite</i> is smaller than the principal residence.</p> <p><i>Owner</i> means the registered owner, as the same appears on the records of the Vancouver Land Title Office, or if there is registered an agreement for sale and purchase, <i>owner</i> shall mean the person registered as the last holder either directly or by assignment of such agreement for sale and in the case of Crown-owned lands, <i>owner</i> shall mean the occupier.</p> <p><i>Permit</i> means permission or authorization in writing by the <i>Chief Building Official</i> to perform work regulated by this By-law and, in the case of an <i>occupancy permit</i>, to occupy any <i>building</i> or part thereof.</p> <p><i>Plumbing contractor</i> means a person licensed as a <i>contractor</i> pursuant to the License By-law and who is either a plumber or a person who employs a plumber on a full time basis.</p>		<p>objectives in Part 2 of Division A.</p> <p>Minor editorial changes only from the 1999 VBBL.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p><i>Plumbing fixtures</i> means installed receptacles, devices or appliances, including <i>floor drains</i> and <i>roof drains</i> and swimming pools, which are supplied with water or which receive liquid or liquid-borne wastes and discharge such wastes into the <i>drainage system</i> to which they may be directly or indirectly connected, except that industrial or commercial tanks, vats and similar processing equipment are not <i>plumbing fixtures</i>, but may be connected to or discharge into <i>traps</i> or <i>plumbing fixtures</i> which are in compliance with or otherwise provided for in this By-law.</p> <p><i>Plumbing Inspector</i> means any person appointed as such by the <i>Chief Building Official</i>.</p> <p><i>Project</i> means any <i>construction, alteration</i> or demolition operation.</p> <p><i>Public sewer connection</i> means that part of the public sewer which connects or is intended to connect a <i>building sewer</i> with any public sewer.</p> <p><i>Re-occupancy permit</i> means permission or authorization in writing by the <i>Chief Building Official</i> to re-occupy any <i>building</i> or part thereof in respect of which the <i>Chief Building Official</i> has issued an order to cease <i>occupancy</i> because of an unsafe condition.</p> <p><i>Row housing</i> means a <i>building</i> of <i>residential occupancy</i> where no <i>dwelling unit</i> is located above another <i>dwelling unit</i> and there is no common interior or exterior means of egress.</p> <p><i>Secondary suite</i> means that area of a <i>building</i> that is intended to be a <i>dwelling unit</i> that is smaller than the principal residence in the same <i>building</i>.</p> <p><i>Separate system area</i> means an area in which the <i>City Engineer</i> has required the separate disposal of <i>storm</i></p>		<p>Minor editorial changes only from the 1999 VBBL.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p><i>water and sewage.</i></p> <p><i>Sewage sump</i> means an <i>approved</i> airtight tank or pit which receives <i>sewage</i> or liquid waste and which is located below the normal grade of the gravity system and must be emptied by mechanical means.</p> <p><i>Sewer</i> means an underground drain or conduit to remove waste water and organic refuse.</p> <p><i>Small suite means</i> a suite classified as a Group A, Division 2, Group D, Group E, Group F, Division 3 occupancy where the occupant load for the entire suite does not exceed 60 persons.</p> <p><i>Sprinkler contractor</i> means a person licensed as a contractor pursuant to the License By-law and who is either a <i>sprinkler system installer</i> or a person who employs a <i>sprinkler system installer</i> on a full-time basis.</p> <p><i>Sprinkler system</i> means an automatic fire extinguishing system designed to the National Fire Protection Association 13, 13D or 13R standard and all applicable associated sprinkler standards, and which consists of a system of devices and equipment designed to automatically detect a fire and discharge water or another approved fire extinguishing agent in the area of or onto a fire.</p> <p><i>Sprinkler system installer</i> means a person who has successfully completed an accredited program as a <i>Sprinkler System Installer</i> under the British Columbia Industry Training Authority Act and Industry Training Regulation.</p> <p><i>Street</i> means a public road, highway, bridge, viaduct, lane, and sidewalk, and any other way normally open to the use of the public, but does not include a private right-of-way on private property or, for the purposes only of Part</p>		<p><i>Sprinkler fitter</i> has been deleted from the 1999 VBBL and replaced with <i>Sprinkler System Installer</i>. The BC Industry Training Authority Act and Industry Training Regulation use the term "<i>Sprinkler System Installer</i>" rather than "<i>Sprinkler Fitter</i>".</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p>3 and Part 9 of this By-law, a <i>street</i> which is less than 9 m in width or a lane or sidewalk.</p> <p><i>Sump</i> means a receptacle installed between the storm or <i>combined sewer</i> and the <i>building</i> storm system to intercept the flow of deleterious matter into the <i>building</i> or public sewer and to prevent the outflow of <i>sewer gas</i>.</p> <p><i>Trade waste system</i> means a system of drainage pipes from floor drains and hub drains located in food display areas that are intercepted by a trade waste <i>sump</i> and <i>backwater valve</i> before entering the sanitary <i>building</i> drain.</p> <p><i>Trades safety coordinator</i> means an agent, employee or officer of a company supplying, installing or using materials at a <i>construction site</i> who has been trained to understand and apply safe <i>construction</i>, installation or demolition techniques, as applicable, respecting those materials and their relationship to the worksite, neighbouring property, public utilities and the general public.</p> <p><i>Two-family dwelling</i> means</p> <ul style="list-style-type: none"> a) as applying to plumbing, a <i>building</i> containing only 2 self-contained <i>dwelling units</i> each served with a separate water connection, and b) in all other cases, a <i>building</i> containing only 2 self-contained <i>dwelling units</i>. <p><i>Unsafe condition</i> means any condition that could cause undue hazard or risk to life, limb or health of any person authorized, expected, or anticipated to be on or about premises or a <i>building</i> or <i>construction</i>.</p>		

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
40.	REPLACE the word "Code" with the word "By-law" in the definitions for "Alteration, Appliance, Fire-protection rating, Fire-resistance rating, Fire Wall and Flame-spread rating" in Sentence 1.4.1.2.(1)	No	Editorial change only.
41.	DELETE the word "Code" in Sentence 1.5.1.1.(1) and REPLACE with the word "By-law".	No	Editorial change only.
42.	DELETE the word "Code" in all locations of Sentence 1.5.1.2.(1) and REPLACE with the words "By-law".	No	Editorial change only.
43.	DELETE the word "Code" in Sentence 1.5.1.3. (1) and REPLACE with the word "By-law".	Yes	Editorial change only.
44.	DELETE the word "Code" in Sentence 1.5.2.1.(1) and REPLACE with the word "By-law".	Yes	Editorial change only.
45.	DELETE the word "Code" and replace with the word "By-law" throughout Section 1.5.	Yes	Editorial change only.

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Unique to Vancouver Requirements
Division A – Part 2
(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	Delete the word "Code" in Sentence 2.1.1.1.(1) and replace with the words "By-law except for existing buildings."	Yes	Editorial Change only.
2.	Delete the word "Code" in Clause 2.1.1.2.(1)(a) and replace with the word "By-law."	Yes	Editorial Change only.
3.	Delete the word "Code" in Clause 2.1.1.2.(1)(b) and replace with the word "By-law."	Yes	Editorial Change only.
4.	Delete Sentence 2.1.1.2.(2) and replace with the word "Deleted."	Yes	Editorial Change only.
5.	Delete the word "Code" and replace with the words "By-law" in Clause 2.1.1.2.(4)(a).	Yes	Editorial Change only.
6.	Delete the words "British Columbia Fire Code" with the word "Fire By-law" in Clause 2.1.1.2.(4)(b).	Yes	Editorial Change only.
7.	Delete the word "Code" in Sentence 2.2.1.1.(1) and replace with the word "By-law" throughout.	Yes	Editorial Change only.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
8.	<p>INSERT the following after OP 4.4.:</p> <p>OEP Environmental Protection An objective of this By-law is to limit the probability that, as a result of the design, <i>construction</i> or demolition of the <i>building</i>, the health and building safety of occupants and others will be negatively impacted.</p> <p>OEP 1 Green House Gas Management An objective of this By-law is to limit the probability that, as a result of the design, <i>construction</i> or demolition of the <i>building, green house gases</i> will be produced. The risks of <i>green house gas</i> generation addressed in this By-law are those caused by</p> <p>OEP 1.1 excessive building energy use OEP 1.2 inadequate management of energy</p> <p>OEP 2 Water Management An objective of this By-law is to limit the probability that, as a result of the design, <i>construction</i>, or demolition of the <i>building, excess water</i> is consumed. The risks of excess water consumption addressed in this By-law are those caused by</p> <p>OEP 2.1 inefficient fixtures and plumbing facilities OEP 2.2 inadequate storm water management OEP 2.3 inadequate management of landscaping design OEP 2.4 inefficient landscaping irrigation</p>	Yes	<p>These are new objective statements for Vancouver to address our existing Energy Provisions. Notes: No new energy provisions or green building provisions have been added to the proposed 2007 VBBL.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p>OEP 3 Indoor Air Quality Management An objective of this By-law is to limit the probability that, as a result of the design, <i>construction</i> or demolition of the <i>building</i>, <i>building</i> occupants will be exposed to an unacceptable risk of illness due to inadequate indoor air quality. The risks of inadequate indoor air quality addressed in this By-law are those caused by</p> <p>OEP 3.1 lack of post-construction flush out of <i>building</i> prior to <i>occupancy</i></p> <p>OEP 3.2 use of carpets, paints, sealants, adhesives or other materials of any nature contain a high content of volatile organic compounds</p> <p>OEP 4 Waste Management An objective of this By-law is to limit the probability that, as a result of the design, <i>construction</i> or demolition of the <i>building</i>, waste is generated which will expose the health and building safety of occupants and others to unacceptable negative impact. The risks of unacceptable negative impact addressed in this By-law are those caused by</p> <p>OEP 4.1 inappropriate disposal of <i>construction</i> waste</p> <p>OEP 4.2 use of inappropriate <i>building</i> materials</p> <p>OEP 4.3 inadequate disposal of waste generated by <i>building</i> occupants</p>		

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p>OEP 5 Atmospheric Ozone Depletion</p> <p>An objective of this By-law is to limit the probability that, as a result of the design, <i>construction</i> or demolition of the building, ozone depleting chemicals are emitted which will expose the building of occupancy and others to unacceptable negative impact. The risk of unacceptable negative impact addressed in this By-law are those caused by</p> <p>OEP 5.1 use of materials and processes that generate ozone depleting chemicals</p>		

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Unique to Vancouver Requirements
Division A – Part 3
(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	Delete the word "Code" in Sentence 3.1.1.1.(1) and replace with the words "By-law except for <i>existing buildings</i> ."	Yes	Editorial Change only. This is a new Part to reflect the objective based code format.
2.	Delete the word "Code" in Clause 3.1.1.2.(1)(a) and replace with the word "By-law."	Yes	Editorial Change only. This is a new Part to reflect the objective based code format.
3.	Delete the word "Code" in Clause 3.1.1.2.(1)(b) and replace with the word "By-law."	Yes	Editorial Change only. This is a new Part to reflect the objective based code format.
4.	Delete Sentence 3.1.1.2.(2) and replace with the following: 2) Deleted	Yes	Editorial Change only. This is a new Part to reflect the objective based code format.
5.	Delete the word "Code" in Sentence 3.2.1.1.(1) and replace with the word "By-law."	Yes	Editorial Change only. This is a new Part to reflect the objective based code format.
6.	Insert the following after "F82": FEP01 To limit the impact of human activities on the natural and built environment as a result of <i>construction of buildings</i> .	Yes	This is a new functional statement for Vancouver to address our existing Energy requirements. Please note: no new energy requirements have been added to the By-law.

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Unique to Vancouver Requirements
Division B – Part 1
(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	Delete the word "Code" in Sentence 1.1.1.1.(1) and replace with the following: "By-law"	Yes	Editorial change only. This is a new Part to address the objective based code format.
2.	Delete the word "Code" in Sentence 1.1.2.1.(1) and replace with the following: "By-law"	Yes	Editorial change only. This is a new Part to address the objective based code format.
3.	Delete the phrase "Code shall beAppendix C. (see Appendix A.)" in Sentence 1.1.3.1.(1) and replace with the following: "By-law shall be in conformance with Table 1.1.3.1.A and Table 1.1.3.1.B"	Yes	Editorial change only. This is a new Part to address the objective based code format. This was Sentence 2.2.1.1.(1) in the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes																																																		
4.	<p>Add Table 1.1.3.1. after Sentence 1.1.3.1.(1).</p> <table border="1"> <thead> <tr> <th>Table 1.1.3.1.A Climatic Data for the City of Vancouver – Except Granville & 41st Ave Forming Part of Sentence 1.1.3.1.(1)</th> <th></th> </tr> </thead> <tbody> <tr> <td>1. January 2.5% Design Temperature</td> <td>- 7°C</td> </tr> <tr> <td>2. January 1% Design Temperature</td> <td>- 9°C</td> </tr> <tr> <td>3. July 2.5% Design Dry-bulb Temperature</td> <td>26°C</td> </tr> <tr> <td>4. July 2.5% Design Wet-bulb Temperature</td> <td>19°C</td> </tr> <tr> <td>5. Degree-days below 18°C</td> <td>2925</td> </tr> <tr> <td>6. Ground Snow Load</td> <td>1.8 kPa</td> </tr> <tr> <td>Ground Snow Load, 1/50 (Ss)</td> <td>0.2 kPa</td> </tr> <tr> <td>7. Associated Rain Load, 1/50 (Sr)</td> <td>0.36 kPa</td> </tr> <tr> <td>Hourly Wind Pressures</td> <td>0.48 kPa</td> </tr> <tr> <td>Probability 1/10</td> <td></td> </tr> <tr> <td>Probability 1/50</td> <td></td> </tr> <tr> <td>8. Seismic Data:</td> <td></td> </tr> <tr> <td>5% Damped Spectral Response Acceleration Sa(T)</td> <td></td> </tr> <tr> <td>Sa(0.2)</td> <td>0.94</td> </tr> <tr> <td>Sa(0.5)</td> <td>0.64</td> </tr> <tr> <td>Sa(1.0)</td> <td>0.33</td> </tr> <tr> <td>Sa(2.0)</td> <td>0.17</td> </tr> <tr> <td>Peak Ground Acceleration, PGA</td> <td>0.46</td> </tr> <tr> <td>9. 15-minute Rainfall</td> <td>10 mm</td> </tr> <tr> <td>10. One-day Rainfall, 1/50</td> <td>112 mm</td> </tr> <tr> <td>11. Annual Rainfall</td> <td>1325 mm</td> </tr> <tr> <td>12. Moisture Index</td> <td>1.44</td> </tr> <tr> <td>13. Annual Total Precipitation</td> <td>1400 mm</td> </tr> <tr> <td>14. Driving Rain Wind Pressures, 1/5</td> <td>160 Pa</td> </tr> </tbody> </table>	Table 1.1.3.1.A Climatic Data for the City of Vancouver – Except Granville & 41 st Ave Forming Part of Sentence 1.1.3.1.(1)		1. January 2.5% Design Temperature	- 7°C	2. January 1% Design Temperature	- 9°C	3. July 2.5% Design Dry-bulb Temperature	26°C	4. July 2.5% Design Wet-bulb Temperature	19°C	5. Degree-days below 18°C	2925	6. Ground Snow Load	1.8 kPa	Ground Snow Load, 1/50 (Ss)	0.2 kPa	7. Associated Rain Load, 1/50 (Sr)	0.36 kPa	Hourly Wind Pressures	0.48 kPa	Probability 1/10		Probability 1/50		8. Seismic Data:		5% Damped Spectral Response Acceleration Sa(T)		Sa(0.2)	0.94	Sa(0.5)	0.64	Sa(1.0)	0.33	Sa(2.0)	0.17	Peak Ground Acceleration, PGA	0.46	9. 15-minute Rainfall	10 mm	10. One-day Rainfall, 1/50	112 mm	11. Annual Rainfall	1325 mm	12. Moisture Index	1.44	13. Annual Total Precipitation	1400 mm	14. Driving Rain Wind Pressures, 1/5	160 Pa	Yes	<p>Editorial change only.</p> <p>Ground snow load, wind pressure, seismic data, and one-day rainfall have been revised. Annual rainfall, moisture index and driving rain wind pressure have been added.</p> <p>This is a new Part to address the objective based code format.</p> <p>This was Table 2.2.1.1. in the 1999 VBBL.</p>
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Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
5.	Delete the phrase "determined from Appendix C shall be those listed for January 2.5 % values (see Appendix A)" in Sentence 1.1.3.1.(2) and replace with the following: "shall be those listed in Table 1.1.3.1.A and Table 1.1.3.1.B for January 2.5 % values. (see Appendix A.)"	Yes	Editorial change only. This is a new Part to address the objective based code format. This was Sentence 2.2.1.1.(2) in the 1999 VBBL.
6.	Delete the phrase "established on the basis of local experience" in Sentence 1.1.3.2.(1) and replace with the following: "not less than 450 mm."	Yes	Editorial change only. This is a new Part to address objective based format. This was Sentence 2.2.1.2.(1) in the 1999 VBBL.
7.	Delete the phrase "NFC" in Sentence 1.1.4.1.(1) and replace with the following: "Vancouver Fire By-law"	Yes	Editorial change only. This is a new Part to address the objective based format.
8.	Delete the word "Code" in Sentence 1.3.1.1.(1) and replace with the following: "By-law"	Yes	Editorial change only. This is a new Part to address objective based format. This was Sentence 2.7.3.1.(1) in 1999 VBBL.
9.	Delete the word "Code" in Sentence 1.3.1.2.(1) and replace with the following: "By-law"	Yes	Editorial change only. This is a new Part to address objective based format. This was Sentence 2.7.3.2.(1) in 1999 VBBL.
10.	Delete the title "Priority of the British Columbia Building Code" in Article 1.3.1.3. and replace with the following: "Priority of the Vancouver Building By-law"	Yes	Editorial change only. This is a new Part to address the objective based format. This was Article 2.7.2.1. in the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
11.	Delete the word "Code" in Sentence 1.3.1.3.(1) and replace with the following: "By-law"	Yes	Editorial change only. This is a new Part to address the objective based format. This was Sentence 2.7.2.1.(1) in the 1999 VBBL.
12.	Delete the title "Documents Referenced in the National Building Code of Canada 2005" in Table 1.3.1.2. and replace with the following: "Documents Referenced in the Vancouver Building By-law"	Yes	Editorial change only. This is a new Part to address the objective based format. This was Table 2.7.3.2. in the 1999 VBBL.
13.	Add the content of Table 1.3.1.2. Division B in the NPC in Table 1.3.1.2. and with the number 7 replacing the leading 2 in each Sentence of the Code Reference.	Yes	Editorial change only. This is a new Part to address the objective based code format.
14.	Add the following in the Code Reference CAN/CSA-B45 Series -02 Plumbing Fixtures in Table 1.3.1.2. "7.2.2.6.(1)(a)"	Yes	Editorial change only. This is a new Part to address the objective based code format.
15.	Add the following in Table 1.3.1.2. "ULC-S647-05 Standard for Exhaust Cleaning and Recirculation Assemblies for Commercial and Institutional Kitchen Exhaust Systems" Code Reference: 1.4.1.2.	Yes	This is a new reference document in the proposed 2007 VBBL.
16.	Delete the word "Code" in Sentence 1.3.2.1.(1) and replace with the following: "By-law"	Yes	Editorial change only. This is a new Part to address the objective based code format.

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Unique to Vancouver Requirements
Division B – Part 3
(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	REPLACE the phrase “or territorial legislation” in Sentence 3.1.2.5.(2) with the following: “legislation or a Special Needs Residential Facility, as defined in the Zoning and Development By-law.”	No	No change from the 1999 VBBL.
2.	ADD the following after Sentence 3.1.2.5.(2): “3) A Child Day Care Facility as defined in the Zoning and Development By-law, can be classified as a Group C <i>major occupancy</i> meeting the requirements for a <i>one-family dwelling</i> , provided it contains no more than 8 children. [See Appendix A].”	No	No change from the 1999 VBBL.
3.	ADD the following after Sentence 3.1.2.5.(3): “4) A Child Day Care Facility designed to accommodate children under the age of 30 months shall be classified as a Group B Division 2 <i>major occupancy</i> .”	No	No change from the 1999 VBBL.
4.	ADD the following after Sentence 3.1.2.5.(4): 3.1.2.6. Retail Food Facility “1) A retail food facility is permitted to be classified as a Group E <i>major occupancy</i> provided it is designed to accommodate not more than 16 persons consuming food or drink.”	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
5.	<p>ADD the following at the end of Sentence 3.1.3.1.(3):</p> <p>[See Appendix A]</p>	No	No change from the 1999 VBBL.
6.	<p>REPLACE the phrase “Not more” in Sentence 3.1.3.2.(2) with the following:</p> <p>“Except as provided in Article 3.1.3.4. and 10.2.2.12., not more”</p>	No	No change from the 1999 VBBL.
7.	<p>ADD the following after Sentence 3.1.3.2.(2):</p> <p>“3.1.3.3. Artist Live/Work – Class A Artist Studio [See Appendix A.]</p> <p>1) A building containing <i>artist studio — class A</i> and residential quarters integrated with the studio for the use of artists occupying the studio may be designed as a Group C <i>major occupancy</i> provided</p> <p>a) the building is <i>sprinklered</i> in conformance with NFPA 13, and</p> <p>b) structural floor loads are based on a light <i>industrial occupancy</i>, with a minimum <i>live load</i> of 3.6 kPa and, where the <i>floor areas</i> are designated for residential use only, such as sleeping lofts, dinettes and bathrooms, with a minimum <i>live load</i> of 1.9 kPa.”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
8.	<p>ADD the following after Sentence 3.1.3.3.(1):</p> <p>“3.1.3.4. Artist Live/Work – Class B Artist Studio [See Appendix A.]</p> <p>1) A building containing <i>artist studio – class B</i> and residential quarters integrated with the studio for the use of artists occupying the studio may be permitted provided</p> <ul style="list-style-type: none"> a) the <i>construction</i> requirements of Subsection 3.2.2. are based on the most restrictive requirements arising from the evaluation of the <i>building</i> as both a Group F Division 2 <i>occupancy</i> and a Group C <i>occupancy</i>, b) the spatial separation requirements of the <i>building</i> are based on Table 3.2.3.1.D. for a Group F, Division 2 <i>occupancy</i>, c) the fire alarm is based on Group C <i>occupancy</i> requirements and where a fire alarm is required, <i>smoke detectors</i> are installed in corridors and stair shafts as required in Article 3.2.4.11., d) <i>smoke alarms</i> are provided in individual <i>suites</i> as required in Article 3.2.4.20., e) the <i>building</i> is <i>sprinklered</i> in conformance with NFPA 13 to a minimum Ordinary Hazard Group 1 classification, f) standpipes are based on residential Group C <i>occupancy</i> requirements, g) <i>accessible</i> design is based on Group C <i>occupancy</i> requirements, and h) structural floor loads are based on a light <i>industrial occupancy</i>, with a minimum <i>live load</i> of 3.6 kPa and, where <i>floor areas</i> are designated for residential use only, such as sleeping lofts, dinettes and bathrooms, with a minimum live load of 1.9 kPa. [See Appendix A.]” 	No	No change from the 1999 VBBL.
9.	<p>ADD the following after Sentence 3.1.3.4.(1):</p> <p>“2) Light and ventilation requirements can be borrowed from the working studio area.”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
10.	<p>ADD the following after Sentence 3.1.3.4.(2):</p> <p>“3) Where a portion of the studio such as a dinette or sleeping loft is used solely as living space, <i>exit</i> travel distances from these spaces may be based on a Group C residential <i>occupancy</i>.”</p>	No	No change from the 1999 VBBL.
11.	<p>REPLACE the phrase “Test Methods for Electrical Wires and Cables,” in Clause 3.1.4.3.(1)(a) with the following:</p> <p>“Test Methods for Electrical Wires and Cables” (FT1 Rating), except as required by Subclause 3.6.4.3.(1)(a)(ii),”</p>	No	No change from the 1999 VBBL.
12.	<p>REPLACE the phrase “Test Methods for Electrical Wires and Cables,” in Clause 3.1.5.18.(1)(a) with the following:</p> <p>“Test Methods for Electrical Wires and Cables” (FT4 Rating), except as required by Subclause 3.6.4.3.(1)(a)(ii),”</p>	No	No change from the 1999 VBBL. This was Clause 3.1.5.17.(1)(a) in 1999 VBBL.
13.	<p>ADD the following after Sentence 3.1.14.2.(2):</p> <p>“3.1.14.3. Overhead Skylight Glazing</p> <p>3) All skylights shall be glazed with wired glass, laminated safety glass or <i>combustible</i> glazing, anchored to their frames and structure, so as to effectively reduce hazards to occupants below them. [See A-3.1.14.3. in Appendix A.]”</p>	Yes	Minor editorial changes only. This only modified in order to clarify that the frames must be anchored to the structure.
14.	<p>In Sentence 3.2.1.5.(1) DELETE the word “by Sentence (2) and 3.2.2.15.(3)” and REPLACE with “[...]”.</p> <p>DELETE Sentence 3.2.1.5.(2) and REPLACE with the following:</p> <p>2) DELETED</p>	Yes	Minor editorial changes only. This amendment is only required to reflect the City of Vancouver mandatory Sprinkler requirement.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
15.	<p>ADD the following after Sentence 3.2.1.6.(1):</p> <p>“3.2.1.7. Fire Containment in Group C 4 Storey Buildings</p> <p>1) Except as required in Article 3.1.3.2., <i>occupancy separations</i> in a 4 <i>storey combustible building</i> between a Group C <i>major occupancy</i> and other <i>major occupancies</i> shall be constructed as a concrete <i>fire separation</i> with a <i>fire-resistance rating</i> not less than 2 h and all load bearing walls and columns supporting the 2 h <i>fire separation</i> shall be <i>non-combustible</i> and shall have a <i>fire-resistance rating</i> of not less than 2 h.”</p>	Yes	<p>Minor editorial changes only.</p> <p>This was Sentence 3.2.1.6.(1) in the 1999 VBBL. The Sentence was modified by removing the 12 m height limit as it was determined to be redundant.</p>
16.	<p>Add the following after Sentence 3.2.1.7.(1):</p> <p>“2) The <i>fire-resistance rating</i> required in Sentence (1) is permitted to be 1 1/2 h for a <i>storage garage</i> provided the <i>fire separation</i> is constructed of concrete.”</p>	No	<p>No change from the 1999 VBBL.</p> <p>This was Sentence 3.2.1.6.(2) in the 1999 VBBL.</p>
17.	<p>ADD the following at the end of Sentence 3.2.2.7.(2):</p> <p>[See Appendix A]</p>	No	<p>No change from the 1999 VBBL.</p>
18.	<p>REPLACE the phrase “except as permitted by Sentence (3),” in Clause 3.2.2.15.(2)(a) with the following:</p> <p>“[...]”</p>	No	<p>No change from the 1999 VBBL.</p>
19.	<p>REPLACE Sentence 3.2.2.15.(3) with the following:</p> <p>“3) Deleted.”</p>	No	<p>No change from the 1999 VBBL.</p>
20.	<p>REPLACE the phrase “Except as permitted by Sentence (2),” in Sentence 3.2.2.18.(1) with the following:</p> <p>“Except as permitted by Sentence (2) and required by Sentence (3),”</p>	No	<p>No change from the 1999 VBBL.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
21.	<p>ADD the following after Sentence 3.2.2.18.(2):</p> <p>“3) Except for <i>buildings</i> described in Sentence 2.1.8.1.(2), all newly constructed <i>buildings</i> shall be provided with an automatic <i>sprinkler system</i> designed and installed in accordance with Article 3.2.5.13.”</p>	No	No change from the 1999 VBBL.
22.	<p>REPLACE Sentence 3.2.3.9.(1) with the following:</p> <p>“1) An <i>exposing building face</i> in a <i>storage garage</i> [. . .] is permitted to have unlimited <i>unprotected openings</i> provided it has a <i>limiting distance</i> not less than 3 m. [See Appendix A.]”</p>	No	No change from the 1999 VBBL.
23.	<p>REPLACE the phrase “A fire” in Sentence 3.2.4.1.(1) with the following:</p> <p>“Except as permitted by Sentences (3) and (4), a fire”</p>	Yes	Minor editorial changes only.
24.	<p>REPLACE the phrase “that is not <i>sprinklered</i>” in Sentence 3.2.4.1.(3) with the following:</p> <p>“[. . .]”</p>	Yes	Minor editorial changes only.
25.	<p>REPLACE the phrase “that is contained in the <i>building</i> that is not <i>sprinklered</i>” in Sentence 3.2.4.1.(4) with the following:</p> <p>“[. . .]”</p>	Yes	Minor editorial changes only.
26.	<p>REPLACE the phrase “Except as” in Sentence 3.2.4.6.(2) with the following:</p> <p>“Except as required by Sentence (3) and”</p>	No	No change from the 1999 VBBL.
27.	<p>ADD the following after Sentence 3.2.4.6.(2):</p> <p>“3) A manual silencing switch, accessible only to authorized personnel, shall be installed inside of the annunciator described in Sentence 3.2.4.8.(1). [See Appendix A.]”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
28.	REPLACE the phrase “the alarm initiating devices” in Sentence 3.2.4.8.(2) with the following: “ <i>smoke detectors</i> , heat detectors, manual pull stations and waterflow detecting devices”	No	No change from the 1999 VBBL.
29.	REPLACE the phrase “supervisory” in Sentence 3.2.4.9.(2) with the following: “trouble”	No	No change from the 1999 VBBL.
30.	REPLACE Sentence 3.2.4.9.(3) with the following: “3) Indication of a trouble signal in accordance with Sentence (2) shall be transmitted to a Fire Signal Receiving Centre conforming to CAN/ULC-S561, ”Installation and Services for Fire Signal Receiving Centres and Systems” as provided for in Sentence 3.2.4.7.(4).”	Yes	Minor editorial changes only.
31.	REPLACE the phrase “and” in 3.2.4.11.(1)(e) with the following: “[...]”	No	No change from the 1999 VBBL.
32.	REPLACE the phrase “Article3.2.8.7. in 3.2.4.11.(1)(f),” with the following: “Article 3.2.8.7., and”	No	No change from the 1999 VBBL.
33.	DELETE “and” from Clause 3.2.4.11.(1)(e); DELETE the period from Clause 3.2.4.11(1) (f) and substitute a comma; and ADD the following after (f): “g) each floor area in front of any elevator where required by Sentence 3.2.6.4.(5).”	Yes	Minor editorial changes only.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
34.	REPLACE Sentence 3.2.4.14.(1) with the following: "1) Deleted. [See Article 3.2.6.4. for high buildings]"	No	No change from the 1999 VBBL.
35.	REPLACE Sentence 3.2.4.14.(2) with the following: "2) Deleted."	No	No change from the 1999 VBBL.
36.	REPLACE Sentence 3.2.4.14.(3) with the following: "3) Deleted."	No	No change from the 1999 VBBL.
37.	REPLACE the phrase "single open circuit" in Clause 3.2.4.18.(10)(a) with the following: "single open circuit or short circuit"	Yes	Minor editorial changes only.
38.	REPLACE Sentence 3.2.4.18.(11) with the following: "11) Deleted."	No	No change from the 1999 VBBL. This was Sentence 3.2.4.19.(11) in the 1999 VBBL.
39.	REPLACE the phrase "The visual warning system required by Sentence (2) activated and powered by the sounding of the <i>smoke alarm system</i> and" in Sentence 3.2.4.19.(3) with the following: "The visual warning system required by Sentence (2) shall consist of strobe lights conforming to ULC- S526 "Standard for Visible Signal Devices for Fire Alarm Systems" that are designed as part of the <i>building</i> fire alarm system and"	Yes	Minor editorial changes only. This was Sentence 3.2.4.20.(4) in the 1999 VBBL.
40.	REPLACE Clause 3.2.4.19.(3)(a) with the following: "a) Deleted."	Yes	Minor editorial changes only. This was Clause 3.2.4.20.(4)(a) in the 1999 VBBL. Since the referenced UCL standard already mandated the provisions of Clause a), this Clause has been deleted.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
41.	REPLACE Sentence 3.2.4.19.(3)(b) with the following: "b) Deleted."	Yes	Minor editorial changes only. This was Clause 3.2.4.20.(4)(b) in the 1999 VBBL. Since the referenced UCL standard already mandated the provisions of Clause b), this Clause has been deleted.
42.	REPLACE Sentence 3.2.4.19.(3)(c) with the following: "c) Deleted."	Yes	Minor editorial changes only. This was Clause 3.2.4.20.(4)(c) in the 1999 VBBL. Since the referenced UCL standard already mandated the provisions of Clause c), this Clause has been deleted.
43.	REPLACE the phrase "When a fire alarm system ...in locations described in Articles 3.8.2.27 to 3.8.2.31., and shall" in Sentence 3.2.4.19.(5) with the following: "When a fire alarm system is not provided in <i>occupancies</i> required by Subsection 3.8.2. to have a warning system, strobe lights conforming to ULC - S526 "Standard for Visible Signal Devices for Fire Alarm Systems" shall be connected to and activated by <i>smoke alarms</i> required by Sentence 3.2.4.20.(1) and Article 9.10.19.1., in locations described in Articles 3.8.2.27 to 3.8.2.31., and shall"	Yes	Minor editorial changes only. This was Sentence 3.2.4.20.(6) in the 1999 VBBL.
44.	Replace 3.2.4.19.(4) with the following: "4) Deleted."	No	No change from the 1999 VBBL. This was Sentence 3.2.4.20.(5) in the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
45.	REPLACE Clause 3.2.4.19.(5)(a) with the following: “a) Deleted.”	Yes	Minor editorial changes only. This was Clause 3.2.4.20.(6)(a) in the 1999 VBBL. This provision is addressed by the applicable manufacturing standard and therefore redundant in the VBBL.
46.	REPLACE Clause 3.2.4.19.(5)(b) with the following: “b) Deleted.”	Yes	Minor editorial changes only. This was Clause 3.2.4.20.(6)(a) in the 1999 VBBL. This provision is addressed by the applicable manufacturing standard and therefore redundant in the VBBL.
47.	REPLACE Clause 3.2.4.19.(5)(c) with the following: “c) Deleted.”	Yes	Minor editorial changes only. This was Clause 3.2.4.20.(6)(a) in the 1999 VBBL. This provision is addressed by the applicable manufacturing standard and therefore redundant in the VBBL.
48.	REPLACE Clause 3.2.4.19.(5)(d) with the following: “d) Deleted.”	Yes	Minor editorial changes only. This was Clause 3.2.4.20.(6)(a) in the 1999 VBBL. This provision is addressed by the applicable manufacturing standard and therefore redundant in the VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
49.	<p>REPLACE Clause 3.2.4.19.(6)(a) with the following:</p> <p>“a) be designed and wired specifically to allow strobe lights to operate as required by</p> <ul style="list-style-type: none"> i) Sentence (3) where a fire alarm system is provided, or ii) Sentence (5) where a fire alarm system is not provided,” 	No	No change from the 1999 VBBL. This was Clause 3.2.4.20.(7)(a) in the 1999 VBBL.
50.	<p>ADD the following after Sentence 3.2.5.1.(3):</p> <p>“4) where locking devices to prevent access to <i>floor areas</i> are installed on <i>exit</i> doors either</p> <ul style="list-style-type: none"> b) a master key to operate the locking devices shall be provided in an <i>acceptable</i> location accessible to fire fighters, or c) the <i>exit</i> door shall be provided with a wired glass panel not less than 0.0645 m² in area and be located not more than 300 mm from the door opening hardware. [See Appendix A.]” 	No	No change from the 1999 VBBL.
51.	<p>In Sentence 3.2.5.4.(1), REPLACE the phrase “A <i>building</i> which is more than 3 <i>storeys</i> in <i>building height</i> or more than 600 m² in <i>building area</i> shall” with the following:</p> <p>“Every <i>building</i> [...] shall”</p>	Yes	Minor editorial changes only.
52.	<p>REPLACE “Location of Access Routes” in Article 3.2.5.5. with the following:</p> <p>“Location of Access Routes and Paths of Travel”</p>	Yes	Minor editorial change only.
53.	<p>ADD the following after the title in Article 3.2.5.5.:</p> <p>[See Appendix A]</p>	Yes	Minor editorial change only. An Appendix note will be added to the 2007 VBBL to further explain this provision.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
54.	<p>REPLACE Sentence 3.2.5.5.(1) with the following:</p> <p>“1) Except as provided by Sentences 2) and 3), access routes required by Article 3.2.5.4. shall be located so that every access opening required by Articles 3.2.5.1. and 3.2.5.2. is located not less than 3 m and not more than 15 m from the closest portion of the access route required for fire department use, measured horizontally to the face of the <i>building</i>. [See Appendix A.]”</p>	Yes	Minor editorial changes only. This was Clause 3.2.5.5.(1)(a) in the 1999 VBBL.
55.	<p>REPLACE Sentence 3.2.5.5.(2) with the following:</p> <p>“2) Except as provided by Sentence 3), access routes required by Article 3.2.5.4. shall be located so that</p> <ul style="list-style-type: none"> a) the <i>building</i> face facing the access route is located not less than 3 m from the closest portion of the access route required for fire department use, measured horizontally to the face of the <i>building</i>, and b) the principal entrance is located not more than 15 m from the closest portion of the access route required for fire department use, measured horizontally along the path of travel from the access route to the principal entrance. [See Appendix A.]” 	Yes	<p>Minor editorial changes only. This was Clause 3.2.5.5.(1)(a) in the 1999 VBBL.</p> <p>The Fire Department Access Provisions have been modified to address Industry and Fire Department operational concerns.</p>
56.	<p>REPLACE Sentence 3.2.5.5.(3) with the following:</p> <p>“3) Paths of travel for fire fighters shall not be more than 45 m from</p> <ul style="list-style-type: none"> a) the access route to the entrance door of each <i>dwelling unit</i> for sprinklered <i>buildings</i> of <i>residential occupancy</i> where there is no <i>dwelling unit</i> located above another <i>dwelling unit</i>, [See Appendix A.] and b) the access route to the entrance door of each cut off portion of a <i>building</i> where a portion of a <i>building</i> is completely cut off from the remainder of the <i>building</i> and the cut off portion of the <i>building</i> has no internal access to the remainder of the <i>building</i>.” 	Yes	<p>Minor editorial changes only. This was Clause 3.2.5.5.(1)(b) and Sentence 3.2.5.5.(4) in the 1999 VBBL.</p> <p>The Fire Department Access Provisions have been modified to address Industry and Fire Department operational concerns.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
57.	<p>REPLACE Sentence 3.2.5.5.(4) with following:</p> <p>“4) Access routes shall be provided to a <i>building</i> so that the distance, as described in Sentences (5) and (6), from the hydrant location to the <i>building</i> location or from the hydrant location to the principal entrance of the <i>building</i> is not more than 100 m.”</p>	Yes	<p>Minor editorial changes only.</p> <p>The Fire Department Access Provisions have been modified to address Industry and Fire Department operational concerns.</p>
58.	<p>ADD the following after Sentence 3.2.5.5.(4):</p> <p>“5) Where an access route is continuous across the face of a <i>building</i>, then the distance may be measured along the access route between a line drawn perpendicular to the access route and through the hydrant and a line drawn perpendicular to the access route and through the principal entrance of the <i>building</i>. [See Appendix A.]”</p>	Yes	<p>Minor editorial changes only.</p> <p>The Fire Department Access Provisions have been modified to address Industry and Fire Department operational concerns.</p>
59.	<p>ADD the following after Sentence 3.2.5.5.(5):</p> <p>“6) Where the access route terminates before or at the principal entrance of a <i>building</i>, then the distance may be measured along the extent of the access route between a line drawn perpendicular to the access route and through the hydrant and along a path of travel at the end of the access route to the principal entrance. [See Appendix A.]”</p>	Yes	<p>Minor editorial changes only.</p> <p>The Fire Department Access Provisions have been modified to address Industry and Fire Department operational concerns.</p>
60.	<p>REPLACE “Access Route Design” in Article 3.2.5.6. with following:</p> <p>“Access Route and Path of Travel Design”</p>	Yes	<p>Minor editorial changes only.</p>
61.	<p>ADD the following at the end of Sentence 3.2.5.6.(1):</p> <p>[See appendix A.]</p>	No	<p>No change from the 1999 VBBL.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
62.	<p>ADD the following after Sentence 3.2.5.6.(1) :</p> <p>“2) The unobstructive path of travel for fire fighters from the curb to the main entrance or suite entrance door as required in Sentences 3.2.5.5.(1) to (3) and every access opening as required in Articles 3.2.5.1 and 3.2.5.2 shall</p> <ul style="list-style-type: none"> a) be not less than <ul style="list-style-type: none"> i) 2 m in width, or ii) 1.2 m in width where serving not more than two <i>dwelling units</i>; or iii) 900 mm in width where serving one- and <i>two-family dwellings</i> or <i>one-family dwelling with secondary suite</i>, and b) be surfaced with concrete, asphalt or similar material.” 	Yes	<p>Minor editorial changes only.</p> <p>This provision was modified in order to permit a narrower width for the access path when serving one and two family units.</p>
63.	<p>REPLACE the phrase “not more than 2 <i>dwelling units</i>.” in Sentence 3.2.5.13.(3) with the following:</p> <ul style="list-style-type: none"> “a) not more than 2 <i>dwelling units</i> where <ul style="list-style-type: none"> i) each <i>dwelling unit</i> has its own sprinkler water supply, and ii) a one tank-type water closet is supplied with water from the sprinkler head which is located farthest from the main water supply, or b) only row housing where <ul style="list-style-type: none"> i) there is no <i>dwelling unit</i> located above another <i>dwelling unit</i>, ii) all vertical <i>suite</i> separations are constructed as a <i>fire separation</i> having not less than a 1 h <i>fire-resistance rating</i>, iii) the <i>fire separation</i> described in subclause (ii) provides continuous protection from the top of the footing to the underside of the roof deck and any space between the top of the wall and the roof deck is tightly fitted with mineral wool or <i>noncombustible</i> material, iv) each <i>dwelling unit</i> has its own sprinkler water supply, and v) a one tank-type water closet is supplied with water from the sprinkler-head which is located farthest from the main water supply.” 	Yes	<p>Minor editorial changes only.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
64.	<p>ADD the following after Sentence 3.2.5.13.(8):</p> <p>“9) If either the framing or cladding within 3 m of any exterior balcony of a multi-unit residential building sprinklered to NFPA 13R, “Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and including Four Stories in Height” is of <i>combustible</i> construction, and if the depth of the balcony is more than 600 mm then, despite the standards referred to in Sentences (1), (2) and (3), automatic sprinkler protection shall be provided for each such balcony.”</p>	No	No change from the 1999 VBBL.
65.	<p>ADD the following Sentence after Sentence 3.2.5.13.(9):</p> <p>“10) If, within 3 m of any exterior balcony of a multi-unit residential building of <i>noncombustible</i> construction, all wall and ceiling finishes are <i>noncombustible</i> and if at least 50% of the perimeter of the balcony is open to the exterior, automatic sprinkler protection may be omitted.”</p>	No	No change from the 1999 VBBL.
66.	<p>REPLACE Sentence 3.2.5.16.(1) with the following:</p> <p>“1) The fire department connection for a standpipe system shall be located horizontally within 5 m of the principal entrance of a <i>building</i> and shall be unobstructed.”</p>	Yes	The Fire Department connection provisions have been modified to address Fire Department operational concerns.
67.	<p>REPLACE Sentence 3.2.5.16.(2) with the following:</p> <p>“2) The fire department connection for an automatic sprinkler system shall be located horizontally within 5 m of the principal entrance of a <i>building</i> and shall be unobstructed. [See Appendix A.]”</p>	Yes	The Fire Department connection provisions have been modified to address Fire Department operational concerns.
68.	<p>REPLACE Sentence 3.2.5.17.(1) with the following:</p> <p>“1) Portable extinguishers shall be provided and installed in accordance with accordance with the Fire By-law.”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
69.	<p>Add the following after Sentence 3.2.5.19.(1):</p> <p>“3.2.5.20. Co-ordination of Building Safety Facilities</p> <p>1) The location of fire fighting installations and <i>building</i> safety facilities with <i>buildings</i> including central control facility, fire fighters’ elevator and stairwells equipped with standpipes shall be co-ordinated with the location of the fire fighters’ entrance. [See Appendix A.]”</p>	No	No change from the 1999 VBBL.
70.	<p>REPLACE Sentence 3.2.6.1.(1) with the following:</p> <p>“1) This Subsection applies to a <i>building</i> that is more than 18 m in height, measured between <i>grade</i> and the floor level of the top <i>storey</i>, and</p> <ul style="list-style-type: none"> a) Deleted. b) containing a <i>floor area</i> or part of a <i>floor area</i> located above the third <i>storey</i> designed or intended to be used as a Group B, Division 2 <i>major occupancy</i>. c) Deleted.” 	No	No change from the 1999 VBBL.
71.	<p>REPLACE the phrase “Manual” in Sentence 3.2.6.4.(1) with the following:</p> <p>“Automatic and manual”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
72.	<p>ADD the following after Sentence 3.2.6.4.(4):</p> <p>“5) The automatic emergency recall requirement in Sentence (1) shall be activated by</p> <ul style="list-style-type: none"> a) <i>smoke detectors</i> installed in each <i>floor area</i> in front of the elevator or elevators, or b) the <i>building</i> fire alarm system. <p>6) Where <i>smoke detectors</i>, as provided by Sentence (5), are activated on the recall level a signal shall automatically direct the elevator to an alternate floor level.</p> <p>7) <i>Smoke detectors</i> in Sentences (5) and (6) shall be designed as part of the <i>building</i> fire alarm system.”</p>	Yes	Minor editorial changes only.
73.	<p>REPLACE Sentence 3.2.6.5.(6) with the following:</p> <p>“6) Deleted.”</p>	No	No change from the 1999 VBBL.
74.	<p>REPLACE Sentence 3.2.6.8.(1) with the following:</p> <p>“1) A voice communication system or systems conforming to Article 3.2.4.21. shall be provided in all <i>buildings</i> conforming to Article 3.2.6.1.”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
75.	<p>REPLACE Sentence 3.2.6.9.(1) with the following:</p> <p>“1) Electrical conductors shall be protected against exposure to fire from the source of the emergency power supply to the branch circuits serving equipment to ensure continued operation for a period of not less than 1 h, if used for</p> <ul style="list-style-type: none"> a) fire alarm systems b) voice communication systems, c) the operation of an elevator referred to in Sentences 3.2.6.5.(1), d) emergency lighting referred to in Articles 3.2.7.3. and 3.2.7.4., except where self-contained emergency lighting units described in Sentence 3.2.7.4.(2) are utilized and remote lamps are located within the same <i>floor area</i>, and e) electrical equipment required by Clauses 3.2.7.9.(1)(b) to (d) <p>[See Appendix A.]”</p>	Yes	Minor editorial changes only.
76.	<p>REPLACE the phrase “36 m” in Clause 3.2.7.9.(1)(a) with the following:</p> <p>“18 m”</p>	No	No change from the 1999 VBBL.
77.	<p>REPLACE Sentence 3.3.1.2.(1) with the following:</p> <p>“1) Except as provided in Subsection 3.3.5., the storage, handling and use of hazardous substances shall be in conformance with the Fire By-law.”</p>	Yes	Minor editorial changes only.
78.	<p>REPLACE Article 3.3.1.7 with the following:</p> <p>“3.3.1.7 Deleted. [See Article 3.3.19. for Egress from Floor Areas for Person with Disabilities]”</p>	No	No change from the 1999 VBBL.
79.	<p>REPLACE Sentence 3.3.1.10.(1) with the following:</p> <p>“1) Except as otherwise stated in this Section, aisles shall be provided in conformance with the Fire By-law.”</p>	Yes	Minor editorial changes only.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
80.	<p>ADD the following after Sentence 3.3.1.17.(5):</p> <p>“6) In an <i>access to exit</i> from a <i>floor area</i> used or intended to be used for a <i>licensed beverage establishment</i>, the required width of corridors, doorways, stairs, and ramps shall conform to Sentence 3.4.3.4.(4).”]</p>	No	No change from the 1999 VBBL. This was Sentence 3.3.1.16.(6) in the 1999 VBBL.
81.	<p>ADD the following after Sentence 3.3.1.18.(4):</p> <p>“5) Swimming pools greater than 450 mm deep and with a surface area more than 14 m² shall be protected in conformance with Article 9.8.8.1.”</p>	No	No change from the 1999 VBBL. This was Sentence 3.3.1.17.(4) in the 1999 VBBL.
82.	<p>ADD the following after Sentence 3.3.1.19.(6):</p> <p>“7) Openable windows, less than 1000 mm above an interior floor level, where the floor level is more than 600 mm above a floor level or ground level on the other side of the window, shall be protected by</p> <ul style="list-style-type: none"> a) a <i>guard</i>, in conformance with Article 3.3.1.18., or b) a mechanism capable of controlling the free swinging or sliding of the openable part of the window so as to limit any clear unobstructed opening to not more than 100 mm measured either vertically or horizontally where the horizontal dimension of the window is greater than 380 mm.” 	No	No change from the 1999 VBBL. This was Sentence 3.3.1.18.(7) in the 1999 VBBL.
83.	<p>ADD the following after Sentence 3.3.3.5.(13):</p> <p>“14) <i>Fire dampers in fire separations</i> between <i>fire compartments</i> described in Sentence (2) shall close upon a signal from a <i>smoke detector</i> in either <i>fire compartment</i>. [See Appendix A.]”</p>	No	No change from the 1999 VBBL. This was Sentence 3.3.3.5.(15) in the 1999 VBBL.
84.	<p>REPLACE Clause (b) of 3.3.4.4.(3) with the following:</p> <p>“b) in a <i>sprinklered building</i>, it is not necessary to travel up or down more than two <i>storeys</i> to reach the <i>exit door</i>, provided the travel distance to a single <i>exit door</i> does not exceed 25 m, or”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
85.	<p>ADD the following after Clause 3.3.4.4.(3)(b):</p> <p>“c) the uppermost floor level opens to a balcony not more than 6 m above adjacent ground level.”</p>	No	No change from the 1999 VBBL.
86.	<p>REPLACE Sentence 3.3.5.2.(1) with the following:</p> <p>“1) In addition to other requirements in this By-law for the installation of automatic fire extinguishing systems, an appropriate fire extinguishing system shall be installed in every <i>industrial occupancy floor area</i> to provide protection if required by the Fire By-law.”</p>	No	No change from the 1999 VBBL.
87.	<p>ADD the following after Sentence 3.3.5.9.(1):</p> <p>“3.3.6. Building Security 3.3.6.1. Scope 1) This Subsection is intended to address issues of life safety through the security of <i>buildings</i>.”</p>	No	No change from the 1999 VBBL.
88.	<p>ADD the following after Sentence 3.3.6.1.(1):</p> <p>“3.3.6.2. Skylights 1) All openable skylights shall be designed to prevent opening from the outside when in the closed and locked position. 2) All exterior skylight fasteners shall be tamperproof.”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
89.	<p>ADD the following after Sentence 3.3.6.2.(2):</p> <p>“3.3.6.3. Doors</p> <p>1) All entrance and exterior doors to <i>dwelling units</i>, doors between <i>dwelling units</i> and attached garages, and doors which directly or indirectly provide access from <i>storage garages</i> to <i>dwelling units</i> shall conform to Subsections 9.6.5., 9.6.6. and 9.6.8.”</p>	No	No change from the 1999 VBBL.
90.	<p>ADD the following after Sentence 3.3.6.3.(1):</p> <p>“3.3.6.4. Sidelights to Doors</p> <p>1) All sidelights to doors and windows adjacent to doors located within 915 mm of the door locks shall conform to Article 9.6.6.2.”</p>	No	No change from the 1999 VBBL.
91.	<p>ADD the following after Sentence 3.3.6.4.(1):</p> <p>“3.3.6.5. Exterior Sliding Windows</p> <p>1) In <i>buildings of residential occupancy</i>, all exterior windows with a sliding sash which are located within 5 m of finished grade shall be installed in such a manner that the sliding sash cannot be removed from its frame when in the locked position and shall be provided with a positive, automatically locking mechanism.”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
92.	<p>ADD the following after Sentence 3.3.6.5.(1):</p> <p>“3.3.6.6. Security Gates for Storage Garages</p> <p>1) Where security gates are installed at vehicle entrances to <i>storage</i> garages or used to separate secured areas the following requirements shall apply</p> <p>a) except as required in Clause (b), the clearance between moving parts of a gate and adjacent surfaces shall prevent injury or entrapment of anyone attempting to intrude between the gate and the adjacent surface, but in no case shall the clearance be greater than 100 mm, and</p> <p>b) except as provided in Clause (c), horizontally sliding gates shall be protected in the open position by a pocketed guard enclosure which shall be constructed against the receiving wall where the clearance between the guard and wall surface and the gate frame shall not be greater than 25 mm, or</p> <p>c) in lieu of a pocket guard enclosure, a gate may be <i>accepted</i> provided</p> <p>i) it is equipped with a load sensitive device which will cause the gate to reverse in direction upon contact with an obstruction,</p> <p>ii) it is equipped with a five second audible or visual warning device indicating the opening or closing of the gate, and</p> <p>iii) the maximum clearance between the gate frame and wall surface shall not exceed 25 mm.”</p>	Yes	Minor editorial changes only.
93.	<p>ADD the following after Sentence 3.3.6.6.(1):</p> <p>“3.3.6.7 Storage Garage Security</p> <p>1) Where a <i>storage garage</i> has greater than 19 parking spaces the requirements of Sentences (2) to (7) shall apply.”</p>	Yes	Minor editorial changes only.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p>2) If access is provided from a <i>storage garage</i> to a stair tower or elevator through a vestibule, the vestibule shall</p> <ul style="list-style-type: none"> a) be constructed with the maximum unobstructed visual access possible by means of clear wired glass in steel frames, b) be constructed as a <i>fire separation</i> with a <i>fire-resistance rating</i> of not less than 1 hr, c) be provided with full or half glazed <i>closures</i> with a <i>fire-protection rating</i> of not less than 45 min between the <i>storage garage</i> and the vestibule and between the vestibule and the stair tower, and d) be provided with a row of sprinkler heads for the full width of the glazing, installed on the garage side of the vestibule at a spacing of 1800 mm on center parallel to the glass and located between 150 mm to 300 mm perpendicular to the glass and vertically installed at the garage ceiling in conformance with NFPA requirements. <p>3) Where a stair shaft servicing the <i>storage garage</i> is connected to a <i>storey</i> containing an <i>occupancy</i> other than a <i>storage garage</i>, the stair shaft shall terminate at this <i>storey</i>.</p> <p>4) Except for open-air <i>storage garages</i> and a <i>sprinklered building of residential occupancy</i>, a <i>storage garage</i> shall be provided with <i>exits</i> which are restricted to servicing only the <i>storage garage</i> and which shall <i>exit</i> directly outside of the <i>building</i>.</p> <p>5) Exterior stair shaft enclosures or elevator vestibules which serve as access to the <i>storage garage</i> shall be open or the doors and vestibules shall conform to Clauses (2)(a) and (c) but do not need to conform to the <i>fire separation</i> and <i>fire-resistance rating</i> requirements.</p>		

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p>6) Where the enclosure or vestibule in Sentence (5) is required to have a <i>fire-resistance rating</i>, due to spatial separation requirements, then the provisions of Clauses (2)(a), (b) and (c) shall be required.</p> <p>7) In addition to the minimum lighting level of 50 lx required in garages by Sentence 3.2.7.1.(2) and Table 9.34.2.7., the following average lighting levels measured at the floor level shall be provided</p> <ul style="list-style-type: none"> a) 550 lx in the first 15 m of entrance roadway, b) 110 lx in traffic aisles, and c) 220 lx in pedestrian access vestibules, stairwells and elevator lobbies.” 		
94.	<p>ADD the following after Sentence 3.3.6.7.(7):</p> <p>“3.3.6.8. Washrooms in Buildings</p> <p>1) Access to washrooms in a public <i>building</i> shall not pass through any area where the public does not generally gather, including enclosed stairwells.”</p>	No	No change from the 1999 VBBL.
95.	<p>REPLACE the phrase “Except as permitted by Sentence (3),” in Sentence 3.4.3.2.(1) with the following:</p> <p>“Except as permitted by Sentence (3) and required by Sentence (9),”</p>	No	No change from the 1999 VBBL. This was Sentence 3.4.3.4.(1) in the 1999 VBBL.
96.	<p>Add the following after Sentence 3.4.3.2.(8):</p> <p>“9) The <i>exit capacity</i> factors provided in Sentence 3.4.3.2.(1) shall be doubled for all <i>floor areas</i> used as a <i>licensed beverage establishment</i>.”</p>	No	No change from the 1999 VBBL. This was Sentence 3.4.3.4.(4) in the 1999 VBBL.
97.	<p>ADD the following after Sentence 3.4.6.7.(5):</p> <p>“[See Appendix A]”</p>	No	No change from the 1999 VBBL. This was Sentence 3.4.6.7.(4) in the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
98.	REPLACE the phrase "permitted by Article" in Sentence 3.4.6.11.(1) with the following:	No	No change from the 1999 VBBL.
99.	<p>"permitted by Sentence (2) or Article"</p> <p>ADD the following after Sentence 3.4.6.11.(1):</p> <p>"2) Principal entrance doors opening to an acceptable open space at ground level are not required to swing in the direction of exit travel provided</p> <ul style="list-style-type: none"> a) the <i>suite</i> is located at ground level, b) the <i>suite</i> does not serve a Group F, Division 1 <i>occupancy</i>, and c) the <i>occupant load</i> is not more than 60 persons." 	No	No change from the 1999 VBBL.
100.	Replace the phrase "provincial or territorial regulations or municipal bylaws, or" in 3.5.2.1.(1)(a) with the following:	No	No change from the 1999 VBBL.
101.	<p>"provincial regulations or city by-laws, or"</p> <p>Replace the phrase "provincial or territorial regulations or municipal bylaws, or" in Clause 3.5.2.1.(2)(a) with the following:</p>	No	No change from the 1999 VBBL.
102.	<p>"provincial regulations or city by-laws, or"</p> <p>ADD the following after 3.6.2.7.(3):</p> <p>"[See Appendix A]"</p>	No	No change from the 1999 VBBL.
103.	<p>REPLACE the phrase "vertical char not more than 1.5 m when tested in conformance with the Vertical Flame Test – Cables in Cabletrough in Clause 4.11.4 of CSA C22.2 No. 0.3, "Test methods for Electrical Wires and Cables"" in Subclause 3.6.4.3.(1)(a)(ii) with the following:</p> <p>"flame spread of not more than 1.5 m, a smoke density of not more than 0.5 at peak optical density and a smoke density not more than 0.15 at average optical density when tested in conformance with the Horizontal Flame and Smoke Test referenced in Clause 4.11.6. of CAN/CSA C22.2 No. 0.3, "Test Methods for Electrical Wires and Cables" (FT6 Rating),"</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
104.	REPLACE Clause 3.6.4.3.(1)(a)(iv) with the following: "iv) Deleted, and"	No	No change from the 1999 VBBL.
105.	Add the following after Sentence 3.6.4.3.(2): "3) Despite Sentence (1), all optical fibre cables and electrical wires and cables installed in a concealed space used as a plenum shall: a) exhibit a flame spread of not more than 1.5 m, a smoke density of not more than 0.5 at peak optical density and a smoke density not more than 0.15 at average optical density when tested in conformance with the Horizontal Flame and Smoke Test referenced in Clause 4.11.6. of CAN/CSA C22.2 No. 0.3, "Test Methods for Electrical Wires and Cables" (FT6 Rating), or b) be located in totally enclosed noncombustible raceways. (See A-3.1.4.3.(1)(b)(i) in Appendix A.). 4) Despite Clause (3)(a), minor components of wiring systems such as communication conductors not more than 9 m in length, including the drop down to floor level, that exhibit a vertical char of not more than 1.5 m when tested in conformance with the Vertical Flame Test - Cables in Cable trough in Clause 4.11.4. of the CSA C22.2 No. 0.3, "Test Method for Electrical Wires and Cables" (FT4 Rating), are permitted to be installed in a concealed space used as a <i>plenum</i> ."	No	No change from the 1999 VBBL. Sentence 3) was Sentence 3.6.4.3.(2) in the 1999 VBBL and Sentence 4) was Sentence 3.6.4.3.(3) in the 1999 VBBL.
106.	Replace Sentence 3.7.2.2.(2) with the following: "2) Deleted."	No	No change from the 1999 VBBL. This was Sentence 3.7.4.2.(2) in the 1999 VBBL.
107.	Replace Sentence 3.7.2.2.(3) with the following: "3) Deleted."	No	No change from the 1999 VBBL. This was Sentence 3.7.4.2.(3) in the 1999 VBBL.
108.	REPLACE the phrase "not more than 10" in Sentence 3.7.2.2.(4) with the following: "not more than 25"	Yes	Minor editorial changes only.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes																																							
109.	<p>ADD the following after Sentence 3.7.2.10.(12):</p> <p>“3.7.2.11. Bicycle Parking Facilities</p> <p>1) Where the Parking By-law requires Class A bicycle spaces, water closets, wash basins, showers and grooming stations shall be provided in conformance with Sentences (3) and (4), except that these requirements do not apply to residential <i>buildings</i>.</p> <p>2) Additional shower and change facilities are not required where on-site facilities are provided as part of an employee fitness centre provided these facilities meet or exceed the requirements of Sentences (3) and (4), and are accessible to cyclists before and after their work shifts.</p> <p>3) The number of water closets, wash basins and showers required by Sentence (1) shall conform to Table 3.7.2.11.</p> <p style="text-align: center;">Table 3.7.2.11. Forming Part of Sentence 3.7.2.11.(3)</p> <table border="1"> <thead> <tr> <th rowspan="2">Required Number of Class A Bicycle Spaces</th> <th colspan="3">Minimum Number for Each Sex of:</th> </tr> <tr> <th>Water Closets</th> <th>Wash Basins</th> <th>Showers</th> </tr> </thead> <tbody> <tr> <td>0-3</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>4-29</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>30-64</td> <td>2</td> <td>1</td> <td>2</td> </tr> <tr> <td>65-94</td> <td>3</td> <td>2</td> <td>3</td> </tr> <tr> <td>95-129</td> <td>4</td> <td>2</td> <td>4</td> </tr> <tr> <td>130-159</td> <td>5</td> <td>3</td> <td>5</td> </tr> <tr> <td>160-194</td> <td>6</td> <td>3</td> <td>6</td> </tr> <tr> <td>Over 194</td> <td>6 plus 1 for each additional 30 bicycle spaces or part thereof</td> <td>3 plus 1 for each additional 30 bicycle spaces or part thereof</td> <td>6 plus 1 for each additional 30 bicycle spaces or part thereof</td> </tr> </tbody> </table>	Required Number of Class A Bicycle Spaces	Minimum Number for Each Sex of:			Water Closets	Wash Basins	Showers	0-3	0	0	0	4-29	1	1	1	30-64	2	1	2	65-94	3	2	3	95-129	4	2	4	130-159	5	3	5	160-194	6	3	6	Over 194	6 plus 1 for each additional 30 bicycle spaces or part thereof	3 plus 1 for each additional 30 bicycle spaces or part thereof	6 plus 1 for each additional 30 bicycle spaces or part thereof	No	No change from the 1999 VBBL. This was Article 3.7.4.10 in the 1999 VBBL.
Required Number of Class A Bicycle Spaces	Minimum Number for Each Sex of:																																									
	Water Closets	Wash Basins	Showers																																							
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65-94	3	2	3																																							
95-129	4	2	4																																							
130-159	5	3	5																																							
160-194	6	3	6																																							
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Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
4)	<p>The number of grooming stations required by Sentence (1) shall be no less than 1 for each shower provided, and each station shall be separate from the wash basin area and shall be equipped with</p> <ul style="list-style-type: none"> a) a mirror, b) an electrical outlet, and c) a counter top with a minimum width of 600 mm and a minimum depth of 250 mm.” 		
110.	<p>REPLACE Sentence 3.8.1.1.(3) with the following:</p>	Yes	Minor editorial changes only.
111.	<p>“3) Access shall be provided to <i>existing buildings</i> to the extent required in Part 10.”</p> <p>ADD the following after Clause 3.8.2.27.(1)(c):</p> <p>“d) where the <i>building</i> contains three or more <i>dwelling units</i> served by an elevator and a common corridor system, by way of enhanced <i>accessibility</i> in accordance with Sentence 3.8.2.27.(4).”</p>	No	No change from the 1999 VBBL.
112.	<p>REPLACE the phrase “more than 1 375 mm” in Sentence 3.8.2.27.(2) with the following:</p> <p>“more than 1 200 mm”</p>	No	No change from the 1999 VBBL.
113.	<p>ADD the following after Sentence 3.8.2.27.(3):</p> <p>“4) Where an apartment or condominium <i>building</i> contains three or more <i>dwelling units</i> served by an elevator and a common corridor system (See Appendix A)</p> <ul style="list-style-type: none"> a) all interior and exterior stairs and ramps that are <i>accessible</i> to the public shall have either a colour contrast or a distinctive pattern, readily apparent from both directions of travel, to demarcate the leading edge of the tread, the leading edge of the landing, and the beginning and end of a ramp, b) door assemblies within <i>dwelling units</i> and common amenity areas shall operate <ul style="list-style-type: none"> i) by devices that do not require <u>tight grasping</u> or <u>twisting of the wrist</u> as the 	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p>sole means of operation, and</p> <ul style="list-style-type: none"> ii) upon application, at the handle, push plate or latch-releasing device, of a force of not more than 38 N for exterior doors or 22 N for interior doors, except where the <i>Chief Building Official</i> agrees that the greater pressure is necessary to ensure proper <i>building</i> function, c) all kitchen sinks and washbasins within <i>dwelling units</i> and common amenity spaces used by <i>building</i> occupants shall have lever type faucets, or operate by devices that do not require tight grasping or twisting of the wrist as the sole means of operation, d) wall assemblies shall include reinforcement adjacent to the toilet and bathtub where such walls may accommodate the future installation of grab bars, e) there shall be an <i>accessible path of travel</i> from the main entrance and from any parking area or parking facility serving the <i>building</i> to the entry doors of <i>dwelling units</i> and to common amenity areas containing recreational, storage and laundry facilities for use by <i>building</i> occupants, f) despite Subclause 3.3.1.12(1)(b)(i), the clear space beside the latching jamb of <i>dwelling unit</i> entry doors may be <ul style="list-style-type: none"> i) not less 450 mm, or ii) omitted if the <i>Chief Building Official</i> agrees that provision of this clear space is impractical and if the <i>dwelling unit</i> contains pre-wired outlet boxes for a residential style automatic door opener and related controls, g) washrooms that are provided in public or common amenity areas of the <i>building</i> shall be <i>accessible</i> and available to both sexes, h) the interior main entry level floor of a <i>dwelling unit</i> shall be level with entry door thresholds except where ramps or other methods conforming to Article 3.8.3.10. provide <i>access</i>, and i) the main entry levels of <i>dwelling units</i> shall include a washroom that contains at least a washbasin and toilet, and that provides a minimum clear opening at the doorway of at least 800 mm and a clear floor space 750 mm wide by 1 200 mm long in front of each of the washbasin and the toilet clear of the door swing to allow persons in wheelchairs to use the facilities.” 		

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
114.	REPLACE the phrase "Stalls" in the title of Article 3.8.3.4. with the following: "Requirements"	No	No change from the 1999 VBBL.
115.	REPLACE Sentence 3.8.3.4.(1) with the following: "1) Where parking is provided, the number of parking stalls for <i>persons with disabilities</i> shall comply with the number of disability parking spaces required under the Parking By-law [See Appendix A], and shall: a) have a firm, slip-resistant and level surface, b) be located close, and <i>accessible</i> , to an entrance conforming to Article 3.8.3.5., and c) be clearly identified as being solely for the use of <i>persons with disabilities</i> ."	No	No change from the 1999 VBBL.
116.	REPLACE Sentence 3.8.3.4.(2) with the following: "2) Where parking is provided for <i>persons with disabilities</i> , entry and exit controls, security controls, ticketing equipment, and pay stations serving such parking stalls shall be designed and installed so that all user functions are located no more than 1 200 mm above the finished paved area, and are accessible."	No	No change from the 1999 VBBL.
117.	Replace Subsection 3.8.4 with the following: "3.8.4. Alterations and Additions to Existing Buildings 3.8.4.1. Application 1) All existing buildings shall be upgraded in accordance with Part 10."	Yes	Minor editorial changes only.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
118.	<p>The following changes and additions are to be made to Table 3.9.1.1. (Objectives and Functional Statements):</p> <p>ADD the following after 3.1.3.2.(2) Column 1 3.1.3.3. Artist Live/Work – Class A Artist Studio (1) [F03, F20 – OS1.2, OS2.2., OP1.2]</p> <p>3.1.3.4. Artist Live/Work – Class B Artist Studio (1) [F02, F03, F11, F12, F20, F73, F81 – OS1.2, OS2.2, OA1, OP1.2, OP2.2]</p>	Yes	These amendments are required to address the new Objective Based Code format.
119.	<p>Add the following after Sentence 3.1.14.2.(1) 3.1.14.3. Overhead Skylight Glazing (1) [F20, F21, F23, F30 - OS2.1, OS2.2., OS2.4, OS3.1]</p>	Yes	These amendments are required to address the new Objective Based Code
120.	<p>Add the following after Sentence 3.2.1.5.(1) 3.2.1.6. Fire Containment in Group C 4 Storey Buildings (1) [F03, F04, F05, F81, F82 – OS1.2, OS1.3, OP1.2, OP1.3] (2) [F03 – OS1.2, OP1.2]</p>	Yes	These amendments are required to address the new Objective Based Code
121.	<p>Add the following row after Sentence 3.2.2.18.(2) (3) [F02 – OS1.2, OP1.2]</p>	Yes	These amendments are required to address the new Objective Based Code
122.	<p>Add the following row after Sentence 3.2.5.1.(3) (4) [F12 – OS1.2, OS1.5, OS3.7]</p>	Yes	These amendments are required to address the new Objective Based Code
123.	<p>Add the following row after Sentence 3.2.5.6.(1) (2) [F12 – OS1.5, OS3.1, OS3.7]</p>	Yes	These amendments are required to address the new Objective Based Code
124.	<p>Add the following after Sentence 3.2.5.19.(1) 3.2.5.20. Coordination of Building Safety Facilities (1) [F12 – OS1.2, OP1.2]</p>	Yes	These amendments are required to address the new Objective Based Code

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
125.	In Sentence 3.2.6.4.(1) add the following row below existing two rows in Column 2 with following entry: [F12 – OS3.4]	Yes	These amendments are required to address the new Objective Based Code
126.	Add the following rows after Sentence 3.2.6.4.(4) (5) [F12 – OS3.4] (6) [F12 – OS3.4] (7) [F12 – OS3.4]	Yes	These amendments are required to address the new Objective Based Code
127.	Add the following row after Sentence 3.3.1.19.(6) (7) [F30 – OS3.1]	Yes	These amendments are required to address the new Objective Based Code
128.	Add the following row after Sentence 3.3.3.5.(12) (14) [F03, F83 – OS1.2]	Yes	These amendments are required to address the new Objective Based Code
129.	Add the following after Sentence 3.3.5.9.(1) 3.3.6.2. Skylights (1) [F34 – OS4.1] (2) [F34 – OS4.1] 3.3.6.5. Exterior Sliding Windows (1) [F34 – OS4.1] 3.3.6.6. Security Gates for Storage Garages (1) [F36 – OS3.6] 3.3.6.7. Storage Garage Security (1) [FAS01 – OS3.VAS] (2) [FAS01- OS3.VAS] (3) [FAS01- OS3.VAS] (4) [FAS01- OS3.VAS] (5) [FAS01- OS3.VAS] (6) [F03- OS1.2] (7) [FAS01- OS3.VAS] 3.3.6.8. Washrooms in Buildings (1) [FAS01 – OS3.VAS]	Yes	These amendments are required to address the new Objective Based Code

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
130.	Add the following rows after Sentence 3.4.3.2.(8) (9) [F10 – OS1.5, OS3.7]	Yes	These amendments are required to address the new Objective Based Code
131.	Add the following row after Sentence 3.4.6.11.(1) (2) [F10 – OS3.7]	Yes	These amendments are required to address the new Objective Based Code
132.	REPLACE row (2) in Article 3.2.5.5. with the following: (2) [F12-OP1.2] [F12-OS1.2, OS1.5][F06-OS1.1]	Yes	These amendments are required to address the new Objective Based Code
133.	ADD the following row after Sentence 3.2.5.5.(2) (3) [F12-OP1.2] [F12-OS1.2, OS1.5][F06-OS1.1]	Yes	These amendments are required to address the new Objective Based Code
134.	ADD the following rows after Sentence 3.2.5.5.(4) (5) [F12-OP1.2] [F12-OS1.2] (6) [F12-OP1.2] [F12-OS1.2]	Yes	These amendments are required to address the new Objective Based Code
135.	In Sentence 3.6.4.3.(1) add the following row below existing row in Column 2 with the following entry: [F02 – OS3.4]	Yes	These amendments are required to address the new Objective Based Code
136.	Add the following row after Sentence 3.6.4.3.(2) (3) [F02, F03 – OS1.2, OS3.4]	Yes	These amendments are required to address the new Objective Based Code
137.	Add the following after Sentence 3.7.2.9.(1) 3.7.2.11. Bicycle Parking Facilities (3) [F71, F72 – OH2.1, OH2.3] (4) [F71 – OH2.3]	Yes	These amendments are required to address the new Objective Based Code

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
138.	In Sentence 3.8.2.27.(1) add the following row below existing row in Column 2 with following entry: [F73, F74 – OA1]	Yes	These amendments are required to address the new Objective Based Code
139.	In Sentence 3.8.2.27.(2) add the following row below existing row in Column 2 with following entry: [F73, F74 – OA1]	Yes	These amendments are required to address the new Objective Based Code
140.	Add the following row after Sentence 3.8.2.27.(3) (4) [F73,F74 – OA1]	Yes	These amendments are required to address the new Objective Based Code
141.	In Sentence 3.8.3.4.(1) add the following row below existing row in Column 2 with following entry: [F73, F74 – OA1, OA2]	Yes	These amendments are required to address the new Objective Based Code
142.	In Sentence 3.8.3.4.(2) add the following row below existing row in Column 2 with following entry: [F73, F74 – OA1, OA2]	Yes	These amendments are required to address the new Objective Based Code

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Unique to Vancouver Requirements Division B – Part 4

(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	Add the following after 4.1.5.18.(2): 4.1.5.19. Loads for Building Maintenance 1) <i>Buildings</i> shall be designed to support the loads and forces required for window cleaning and <i>building</i> maintenance equipment.	No	No change from 1999 VBBL. (This provision was Sentence 4.1.10.8.(1) in 1999 VBBL.)
2.	Add the following after 4.1.7.4.(1): 4.1.7.5. Exterior Wall Air Barrier 1) An exterior wall assembly incorporating an <i>air barrier</i> required by Subsection 5.4.1. shall be designed to accommodate loading due to air pressure differences on opposite sides of the <i>air barrier</i> .	No	No change from 1999 VBBL. (This provision was Sentence 4.1.8.5.(1) in 1999 VBBL.)
3.	Section 4.5 Objectives and Functional Statements The following changes and additions are to be made to Table 4.5.1.1. Add the following row after 4.1.5.18.(2): Column 1 4.1.5.19. Loads for Building Maintenance (1) [F30- OS3.1]	Yes	This change is required only to reflect the new Objective Based Format.
4.	Add the following row after 4.1.7.4.(1): 4.1.7.5. Exterior Wall Air Barrier (1) [F22- OP2.3, OP2.4, OS2.3]	Yes	This change is required only to reflect the new Objective Based Format.

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Unique to Vancouver Requirements
Division B – Part 5
(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	<p>Add the following Article after Sentence 5.1.1.1.(1):</p> <p>5.1.1.2. Maritime Climate</p> <p>“1) This Part includes special provisions to deal with the potentially damaging effects of Vancouver’s maritime climate, including the possibility of rapid decay in structural members. [See Appendix A.]”</p>	No	No change from the 1999 VBBL. This Sentence was Sentence 5.1.1.2.(1) in the 1999 VBBL.
2.	<p>Replace the phrase “This Part” in Sentence 5.1.2.1.(1) with the following:</p> <p>“Except as provided in Sentence (2), this Part”</p>	Yes	Editorial change only to reflect new objective based format.
3.	<p>Add the following after Sentence 5.1.2.1.(1):</p> <p>“2) <i>Buildings or portions of buildings</i> not required to provide environmental separation, not exposed to exterior environmental loads or intended only for summer seasonal use need not conform to this Part where it can be shown to the satisfaction of the <i>Chief Building Official</i> that the health or safety of <i>building</i> users, the intended use of the <i>building</i> and the operation of <i>building</i> services will not be adversely affected. [See Appendix A.]”</p>	No	No change from 1999 VBBL. This provision was Sentence 5.1.1.1.(2) in the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
4.	<p>Add the following Article after Sentence 5.1.2.1.(2):</p> <p>“5.1.2.2. Building Envelope Professional Reviews Scope of Application and Letters of Commitment and Completion</p> <p>1) The <i>Building Envelope Professional</i> shall conduct reviews, and provide letters as required in Sentences (2) and (3), on all <i>buildings</i> or portions of <i>buildings</i> with a cladding system over wood framing or light steel framing and all residential buildings within the scope of Part 5. [See Appendix A.]</p> <p>2) The <i>Building Envelope Professional</i> shall, prior to issuance of a <i>building permit</i>, give notice in writing to the <i>Chief Building Official</i> in the applicable form set out at the end of this Part of a commitment to</p> <ol style="list-style-type: none"> a) undertake the required design review and enhanced <i>field reviews</i>, b) make available all reports to the <i>Chief Building Official</i>, and c) notify the <i>Chief Building Official</i> if their contract is terminated. <p>3) The <i>Building Envelope Professional</i> shall, prior to issuance of an <i>occupancy permit</i>, give notice in writing to the <i>Chief Building Official</i> in the applicable form set out at the end of this Part of the completion of the obligations.”</p>	Yes	Minor editorial change only. This Sentence was revised in order to clarify where building envelope field reviews are required. In the past, the By-law was not clear in this respect because it only referred to APEGBC and AIBC procedures. Please note that Sentences (2) and (3) have not been revised from that of the 1999 VBBL.
5.	<p>Replace Sentence 5.1.5.1.(1) with the following:</p> <p>“1) Energy utilization, structural and fire safety requirements of other Parts of this By-law shall apply.”</p>	Yes	Minor Editorial Change Only. This Sentence was Sentence 5.1.5.1.(1) of the 1999 VBBL. This Sentence was only revised from the 1999 VBBL to reflect that the acoustical requirements are now incorporated in Part 5.
6.	<p>Replace Sentence 5.3.1.1.(1) with the following:</p> <p>“1) Where a <i>building</i> component or assembly will be subjected to an intended temperature differential, the component or assembly shall include materials to resist heat transfer in accordance with the remainder of this Subsection, and Article 1.3.3.7. of Division A or Section 9.25. of Division B.”</p>	Yes	Minor Editorial Change Only. No change to technical content.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
7.	Replace Sentence 5.3.1.1.(2) with the following: “2) Deleted.”	No	No Change from the 1999 VBBL.
8.	Replace the phrase “Except as provided in Sentence (3), an <i>air barrier system</i> ” in Sentence 5.4.1.1.(2) with the following: “An <i>air barrier system</i> ”	Yes	Minor Editorial Change.
9.	Replace Sentence 5.4.1.1.(3) with the following: “3) Deleted.”	No	No Change from the 1999 VBBL (In the 1999 VBBL this was Sentence 5.4.1.1.(2); and it was deleted in the 1999 VBBL.)
10.	Replace the phrase “Except as provided in Sentence (2), materials intended” in Sentence 5.4.1.2.(1) with the following: “Materials intended”	Yes	Minor Editorial change to the 1999 VBBL Amendment done only to be consistent with 2005 NBC wording.
11.	Replace Sentence 5.4.1.2.(2) with the following: “2) Deleted.”	No	No change from the 1999 VBBL
12.	Replace the phrase “Except as provided in Sentence (3), a <i>vapour barrier</i> ” in Sentence 5.5.1.1.(2) with the following: “A <i>vapour barrier</i> ”	Yes	Minor Editorial change to the 1999 VBBL Amendment done only to be consistent with 2005 NBC wording.
13.	Replace Sentence 5.5.1.1.(3) with the following: “3) Deleted.”	No	No Change from 1999 VBBL (In the 1999 VBBL this was Sentence (2); and it was deleted in the 1999 VBBL.)
14.	Replace the phrase “Except as provided in Sentence (2), where a” in Sentence 5.6.1.1.(1) with the following: “Where a”	No	No Change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
15.	<p>From Sentence 5.6.1.1.(1), delete “and,” after (a), delete the period after (b) and add “, and”, and, after (b), add the following :</p> <p>“c) be designed to drain any accumulated water to the exterior..”</p>	No	No Change from the 1999 VBBL.
16.	<p>Replace Sentence 5.6.1.1.(2) with the following:</p> <p>“2) Deleted.”</p>	No	No Change from the 1999 VBBL.
17.	<p>Replace Sentence 5.6.1.3.(3) with the following:</p> <p>“3) Where protective materials applied to assemblies are installed to provide the required protection from precipitation, the materials shall be installed to shed precipitation, minimize its entry into the assembly, prevent its penetration through the assembly and drain any accumulated water to the exterior. [See Appendix A.]”</p>	No	No change from the 1999 VBBL, however in 1999 VBBL this was Sentence 5.6.1.3. (4).
18.	<p>Add the following after Sentence 5.6.1.3.(3):</p> <p>“4) Flashings, drips, or overhangs shall be incorporated to deflect accumulated water from the <i>building</i> face where there are changes in planes of walls and roofs, changes in cladding material, or window or door heads or sills. [See Appendix A.]”</p>	No	No change from the 1999 VBBL, however in 1999 VBBL this was Sentence 5.6.1.3. (5).
19.	<p>Replace the phrase “Sealing, Drainage, Accumulation and Disposal” in the title of Subsection 5.6.2. with the following:</p> <p>[...] Drainage, Accumulation and Disposal</p>	No	No change from the 1999 VBBL.
20.	<p>Replace the phrase “Sealing and Drainage” in the title of Article 5.6.2.1 with the following:</p> <p>[...] Drainage</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
21.	Replace the phrase "Except as provided in Sentence (2), materials, components," in Sentence 5.6.2.1.(1) with the following: "Materials, components,"	No	No change from the 1999 VBBL.
22.	Replace clause a) in Sentence 5.6.2.1.(1) with the following: "designed to shed precipitation, and"	No	No change from the 1999 VBBL.
23.	Replace Sentence 5.6.2.1.(2) with the following: "2) Deleted."	No	No change from the 1999 VBBL.
24.	Add the following after Sentence 5.6.2.2.(4): "5) Where a roof or balcony is entirely enclosed by parapet walls, a sufficient number of overflow outlets shall be installed in such parapet walls to drain the roof or balcony in the event that any rainwater conductors become obstructed. [See Appendix A.]"	No	No change from the 1999 VBBL.
25.	Replace the phrase "Except as provided in Sentence (2), where a" in Sentence 5.8.2.1.(1) with the following: "Where a"	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
26.	Replace Sentence 5.8.2.1.(2) with the following: "2) Deleted."	No	No change from the 1999 VBBL.
27.	Original proposed amendment no longer required. (This item is only maintained to keep reference numbers)		
28.	In Table 5.10.1.1., After "CAN/CSA-A440" INSERT " (See Appendix A)"	Yes	Editorial Change Only (Note this entry may be found on page 5-15, Division B of the 2005 NBC.)
29.	Original proposed amendment no longer required. (This item is only maintained to keep reference numbers)		
30.	Insert the SCHEDULES D1 and D2 after Table 5.10.1.1. (Letters of Assurance are attached)	Yes	No Change from the 1999 VBBL other than minor editorial change to the current Letters of Assurance.
31.	Section 5.11 Objectives and Functional Statements The following changes and additions are to be made to Table 5.11.1.1. In Sentence 5.6.1.1.(1) add new row below existing two rows in Column 2 with following entry: Column 1 Column 2 [F62- OS2.3] Add the following row after Sentence 5.6.1.3.(3): (4) [F61- OH1.1, OH1.2, OH1.3] [F62- OS2.3] Add the following row after Sentence 5.6.2.2.(4): (5) [F20- OS2.1, OS2.2, OS2.3]	Yes	This change is required to reflect the new Objective Based Format.
32.	Original proposed amendment no longer required. (This item is only maintained to keep reference numbers)		

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SCHEDULE D-1

Forming Part of Section 5.1, Division B of the Building By-law

Building Permit No. _____

COMMITMENT FOR BUILDING ENVELOPE PROFESSIONAL REVIEW

- Note: 1. This letter must be submitted prior to issuance of a *building permit*.
 2. In this letter the words in italics have the same meaning as in the Building By-law

To: The *Chief Building Official*

RE: _____
 Address of Project (Print)

The undersigned *Building Envelope Professional* has been retained with respect to the above referenced *project*, and gives a commitment of responsibility for *Building Envelope Professional* design review and enhanced field review for components and assemblies as required in Part 5, excluding Section 5.9. Sound Transmission, of Division B, of the Building By-law, and as the *Building Envelope Professional* in their professional discretion considers to be necessary, for the *project* designed by,

 Name of registered professional signing for 'Architectural' items of Schedule B-1 and B-2 letters (Print)

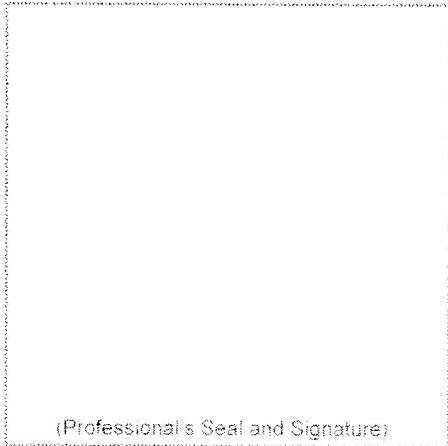
who is providing the *Chief Building Official* with Schedule B-1 'ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW' and Schedule B-2 'SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS' letters covering 'Architectural' items. The undersigned will sign and provide copies of all reports to the *registered professional* responsible for 'Architectural' items, and copies of these reports shall also be available on site, for review by the City of Vancouver District Building Inspector. The undersigned undertakes to notify the *Chief Building Official* in writing as soon as practical if their contract is terminated at any time.

 Name (Print)

 Address (Print)

 City Postal Code

Telephone (____) _____



 Date

(If the *Building Envelope Professional* is a member of a firm, complete the following.)

I am a member of the firm; _____ and I sign this letter on behalf of the firm.
 (Print Name of Firm)

NOTE: The above letter must be signed by a *Building Envelope Professional*. The Building By-Law defines a *Building Envelope Professional* to mean a person who is a member of the Architectural Institute of British Columbia or the Association of Professional Engineers and Geoscientists of British Columbia.

¹ For Building Official's use only

 CRP's Initials

SCHEDULE D-2Forming Part of Section 5.1, Division B of the
Building By-law_____ Building Permit No.¹**COMPLETION OF
BUILDING ENVELOPE PROFESSIONAL REVIEW**

- Note:
1. This letter must be submitted after completion of the project but prior to official *occupancy*.
 2. In this letter the words in italics have the same meaning as in the Building By-law

To: The *Chief Building Official*RE: _____
Address of Project (Print)

I have fulfilled my obligations for *Building Envelope Professional* design review and enhanced field review as per my previously submitted letter of COMMITMENT FOR BUILDING ENVELOPE PROFESSIONAL REVIEW. The components and assemblies of the *project* reviewed substantially comply in all material respects with Part 5, excluding Section 5.9. Sound Transmission, of Division B, of the Building By-law, and with the plans and supporting documents, including all amendments thereto, which were *accepted* by the City of Vancouver in support of the application for the *building permit*.

Registered Professional's Name (Print)_____
Address (Print)_____
City_____
Postal Code_____
Telephone (____) __________
(Professional's Seal and Signature)_____
Date(If the *Building Envelope Professional* is a member of a firm, complete the following.)I am a member of the firm; _____ and I sign this letter on behalf of the firm.
(Print Name of Firm)

NOTE: The above letter must be signed by a *Building Envelope Professional*. The Building By-Law defines a *Building Envelope Professional* to mean a person who is a member of the Architectural Institute of British Columbia or the Association of Professional Engineers and Geoscientists of British Columbia.

¹ For Building Official's use only_____
CRP's Initials

Unique to Vancouver Requirements
Division B – Part 6
(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	Replace the phrase “or territorial regulations or municipal bylaws” in 6.2.2.5.(1) with the following: “enactments or city by-laws”	No	No substantial change from the 1999 VBBL.
2.	Replace the phrase “NFC.” in 6.2.2.5.(1) with the following: “Fire By-law.”	No	No substantial change from the 1999 VBBL.
3.	Replace the phrase “except as required by Sentence 3.6.3.1.(1) and Article 3.6.4.2.” in Sentence 6.2.2.6.(1) with the following: “except as required by Sentence (3), Sentence (4), Sentence 3.6.3.1.(1) and Article 3.6.4.2.”	Yes	Minor editorial changes only.
4.	Add the following sentence after Sentence 6.2.2.6.(2): 3) A commercial cooking exhaust shall discharge through an <i>ecology unit</i> where the wall termination is within 3.05 m of a lane property line or <i>street</i> property line. (See Appendix A.)	Yes	This is a new sentence to allow commercial kitchen exhaust duct with an ecology unit terminates at the exterior wall facing a lane or street in lieu of a shaft extending above the roof of a building.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
5.	<p>Add the following sentence after Sentence 6.2.2.6.(3):</p> <p>4) A wall termination shall be located such that</p> <p>a) a concentrated stream of air will not discharge directly onto pedestrians,</p> <p>b) discharged exhaust will not accumulate in an area with potential outdoor seating, and</p> <p>c) the sound pressure level generated will be attenuated to be in compliance with the Noise Control By-law.</p> <p>(See Appendix A.)</p>	Yes	This is a new sentence to allow commercial kitchen exhaust duct with an ecology unit terminates at the exterior wall facing a lane or street in lieu of a shaft extending above the roof of a building.
6.	<p>Replace the phrase “or territorial regulations or municipal bylaws” in 6.3.1.4.(1) with the following:</p> <p>“enactments or city by-laws”</p>	No	No substantial change from the 1999 VBBL.
7.	<p>Add the following rows after Sentence 6.2.2.6.(2) in Table 6.4.1.1.:</p> <p>(3) [F02,F40,F44- OS1.2, OP1.2]</p> <p>(4) [F02,F40,F44- OS1.2, OP1.2]</p>	Yes	These amendments are required to address the new Objective Based Code

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Unique to Vancouver Requirements

Division B – Part 7

(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	ADD the following Article after Sentence 7.1.4.1.(1): “7.1.4.2. Persons Performing Sprinkler System Installation Work 1) Persons performing installation, alteration or repair on a <i>sprinkler system</i> shall a) possess a British Columbia industry training credential as a <i>sprinkler system installer</i> , or b) be a trainee supervised by a <i>Sprinkler System Installer</i> qualified under the Industry Training Authority Act.”	Yes	This is similar to the 1999 VBBL, and has been amended only to reflect the replacement of the Apprenticeship Act by the Industry Training Authority Act. In the 1999 VBBL, this was Sentence 7.1.7.1.(1)
2.	ADD the following Article after Sentence 7.2.2.5.(1): “7.2.2.6. Low Consumption Water Closets 1) Every water closet installed in a <i>building</i> shall be of a low consumption type which shall a) conform with CSA B45 “Plumbing Fixtures”, and b) have an average water consumption not exceeding 6 litres per flush cycle.”	Yes	This is similar to the 1999 VBBL, and the edition of the reference document has been deleted.
3.	ADD the following Article after Sentence 7.2.2.6.(1): “7.2.2.7. Low Consumption Urinals 1) Every urinal shall conform with CSA B45 “Plumbing Fixtures” and shall have an average water consumption not exceeding 3.8 litres per flush cycle.”	Yes	This is similar to the 1999 VBBL, and the edition of the reference document has been deleted.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
4.	<p>ADD the following Sentence after Sentence 7.2.10.6.(1):</p> <p>“2) Every lavatory faucet, kitchen sink faucet and shower head shall be of a low consumption type which shall</p> <ul style="list-style-type: none"> a) conform with CSA-B125 "Plumbing Fittings", and b) have a maximum flow rate for <ul style="list-style-type: none"> i) lavatory and kitchen sink faucets of 8.3 litres per minute, and ii) shower heads of 9.5 litres per minute.” 	Yes	This is similar to the 1999 VBBL, and the edition of the reference document has been deleted.
5.	<p>ADD the following Sentences after Sentence 7.4.2.1.(4):</p> <p>“5) All floor and hub drains located in food display areas shall be connected to a <i>trade waste system</i> and shall be protected from <i>backflow</i> from the <i>sanitary drainage system</i>. [See Appendix P.]</p> <ul style="list-style-type: none"> 6) Garbage grinders, water closets and urinals shall not discharge into a <i>trade waste system</i>.” 	No	This is identical to the 1999 VBBL
6.	<p>ADD the following Article after Sentence 7.4.2.3.(3):</p> <p>“7.4.2.4. Connections to Storm Drainage Systems shall drain to a <i>storm drainage system</i>.</p> <ul style="list-style-type: none"> 1) Except as provided in Sentence (2), all roof and paved areas 2) <i>Building</i> and site drainage need not connect to a <i>storm drainage system</i> where storm water conservation measures are being employed and it can be demonstrated there will be no impact on adjacent properties.” 	Yes	Sentence (1) has no substantial change from the 1999 VBBL. Sentence (2) is a new Sentence.
7.	<p>ADD the following Article after Sentence 7.4.3.6.(1):</p> <p>“7.4.3.7. Fixture Location in Electrical Pull Pits</p> <ul style="list-style-type: none"> 1) When drains are provided in an electrical pull pit which is located inside a <i>building</i>, <ul style="list-style-type: none"> a) they shall not be connected directly to any drain or sewer, b) a <i>sump</i> well shall be provided outside the pull pit room and the pull pit drain shall be connected to the <i>sump</i> well, and <p>the drain connected from the pull pit to the <i>sump</i> well shall be provided with a soft seated check valve.”</p>	No	This is identical to the 1999 VBBL This was Sentence 7.4.3.6.(1) in the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
8.	REPLACE the phrase "above 75°C, provision shall be made for cooling of the waste to 75°C or less before it is discharged to the drainage system" in Sentence 7.4.4.2.(1) with the following: "above 65°C, provision shall be made for cooling of the waste to 65°C or less before it is discharged to the <i>sanitary drainage system</i> "	No	This is identical to the 1999 VBBL
9.	ADD the following Sentence after Sentence 7.4.4.2.(1): "2) Where a <i>fixture</i> discharges <i>clear-water waste</i> that is at a temperature above 40°C, provision shall be made for cooling of the waste to 40°C or less before it is discharged to the <i>storm drainage system</i> ."	Yes	This is identical to the 1999 VBBL. This Sentence was added in order to protect sewer workers from exposure to high humidity caused by hot water or sewage discharge and to be consistent with the City of Vancouver Sewer Use By-law and the GVRD's Regional Sewer Use By-law.
10.	REPLACE the phrase "Traps for Storm Drainage Systems" in the title of Article 7.4.5.2. with the following: "Sumps and Traps for Storm Drainage Systems"	No	This is identical to the 1999 VBBL
11.	REPLACE the phrase "connected to a <i>combined building sewer</i> ...that no <i>trap</i> is required" in Sentence 7.4.5.2.(1) with the following: "connected to a public <i>sewer</i> , a <i>sump</i> shall be installed between any opening in the system and the <i>sewer</i> , except that no <i>sump</i> is required"	No	This is identical to the 1999 VBBL.
12.	REPLACE the phrase "Sanitary Drainage System" in the title of Article 7.4.5.3. with the following: "Storm Drainage System"	No	This is identical to the 1999 VBBL
13.	REPLACE Sentence 7.4.5.3.(1) with the following Sentence: "1) A <i>subsoil drainage pipe</i> shall be connected to a <i>sump</i> and then to a <i>storm sewer</i> or <i>combined sewer</i> , but shall not be connected to a <i>sanitary sewer</i> ."	No	This is identical to the 1999 VBBL
14.	REPLACE the phrase "provided in Sentences (4), (5), and (6), where" in Sentence 7.4.6.4.(3) with the following: "provided in Sentences (4) and (5), [...] where"	No	This is identical to the 1999 VBBL

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
15.	<p>REPLACE Sentence 7.4.6.4.(6) with the following Sentence:</p> <p>“6) Where a <i>storm sump</i> is provided there shall be a backwater valve within the <i>sump</i> and attached to the outlet pipe, except that a <i>backwater</i> valve is not required for properties used for commercial or industrial purposes where the <i>sump</i> and the piping entering the sump is above the level of the next upstream manhole in the street containing the public <i>storm sewer</i>.”</p>	No	This is identical to the 1999 VBBL. This was Sentence 7.4.6.4.(4) in the 1999 VBBL.
16.	<p>REPLACE Sentence 7.6.1.3.(4) with the following Sentence:</p> <p>“4) Each <i>fixture</i> shall be provided with shut-off valves, located on each water supply serving the <i>fixture</i>.”</p>	No	This is identical to the 1999 VBBL
17.	<p>REPLACE Sentence 7.6.1.3.(6) with the following:</p> <p>“6) Deleted.”</p>	No	This is identical to the 1999 VBBL
18.	<p>REPLACE Sentence 7.6.2.1.(3) with the following Sentence:</p> <p>“3) <i>Backflow preventers</i> shall be selected, installed, maintained and field tested in conformance with the Water Works By-law.”</p>	No	This is identical to the 1999 VBBL
19.	<p>REPLACE Sentence 7.6.2.4.(1) with the following Sentence:</p> <p>“1) <i>Backflow</i> caused by <i>back-siphonage</i> or <i>back pressure</i> from fire sprinkler systems where water treatment is not added shall be prevented by the installation of a double check valve assembly or an <i>approved</i> dual check valve when the <i>building</i> is <i>sprinklered</i> to NFPA 13D and a flow through system is installed.”</p>	No	This is identical to the 1999 VBBL
20.	<p>REPLACE Sentence 7.6.2.4.(2) with the following Sentence:</p> <p>“2) <i>Backflow</i> caused by <i>back-siphonage</i> or <i>back pressure</i> from fire sprinkler or standpipe systems where water treatment is added shall be prevented by the installation of a reduced pressure principal <i>backflow preventer</i>.”</p>	No	This is identical to the 1999 VBBL
21.	<p>REPLACE Sentence 7.6.2.4.(3) with the following:</p> <p>“3) Deleted.”</p>	No	This is identical to the 1999 VBBL
22.	<p>REPLACE Sentence 7.6.2.4.(4) with the following:</p> <p>“3) Deleted.”</p>	No	This is identical to the 1999 VBBL
23.	<p>REPLACE the phrase “not less than 25 mm” in Sentence 7.6.2.10.(3) with the following:</p> <p>“not less than 150 mm”</p>	No	This is identical to the 1999 VBBL

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
24.	<p>Section 7.8 Objectives and Functional Statements The following changes and additions are to be made to Table 7.8.1.1. Add the following row after 7.1.3.2.(1): Column 1 Column 2 7.1.4.2. Persons Performing Sprinkler Fitting Work (1) [F81, F82- OS1.4, OP1.4] Add the following row after 7.2.2.5.(1): 7.2.2.6. Low Consumption Water Closets (1) [FEP01 – OEP2.1] 7.2.2.7. Low Consumption Urinals (1) [FEP01 – OEP2.1] Add the following row after 7.2.10.6.(1): (2) [FEB01 – OEP2.1] Add the following rows after 7.4.2.1.(4): (5) [F81 – OH2.1, OH2.4] (6) [F41 – OH2.1, OH2.4] Add the following row after 7.4.2.3.(3): 7.4.2.4. Connections to Storm Drainage Systems (1) [FEB01, F60, F61 – OEP2.2, OS2.3, OP2.3, OP4.3] Add the following row after 7.4.3.6.(1): 7.4.3.7. Fixture Location in Electrical Pull Pits (1) [F62 – OP5] In 7.4.4.2.(1) add new row below existing row in Column 2 with following entry: [F30 – OS3.1] In 7.4.5.2.(1) add two new rows below existing row in Column 2 with following entries: [F81- OH1.1] [F82- OP5] In 7.6.1.3.(4) add new row below existing row in Column 2 with following entry: [F70, F71, F72, F81 – OH2.1, OH2.3, OP5] Add the following row before 7.6.2.4.(2): (1) [F46,F70,F81 – OH2.1, OH2.2., OH2.3]</p>	Yes	This change is required to reflect the new objective based code format.

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Unique to Vancouver Requirements
Division B – Part 8
(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	DELETE the phrase “British Columbia Fire Code” in Sentence 8.1.1.1.(3) and REPLACE with the following: “Fire By-law”	No	No substantial change from the 1999 VBBL.
2.	DELETE the phrase “Section 5.6 of the British Columbia Fire Code” in Sentence 8.1.1.3.(1) and REPLACE with the following: “the Fire By-law”	No	No substantial change from the 1999 VBBL.
3.	<p>ADD the following Article after Sentence 8.1.2.2.(1):</p> <p>“8.1.3. Construction Safety Program</p> <p>8.1.3.1. Program Content</p> <p>1) Except as exempted by Article 8.1.3.2., before commencing any <i>construction</i>, a <i>Construction Safety Program</i> shall be prepared which includes</p> <p>a) the names of and the emergency phone numbers for the <i>constructor</i>, the <i>coordinating registered professional</i> and the <i>Construction Safety Officer</i>,</p> <p>b) details of the <i>construction</i> procedures relating to site access, traffic control, scaffolding and swing stages, protection at excavations, hoisting equipment (including its location and scheduling), fire protection facilities, material storage, waste material disposal, control of dust and debris, protection at the perimeters of all floor levels, barricades, covered walkways and any other requirements of the <i>City Engineer</i>, and</p> <p>c) a <i>construction</i> site plan showing the location of the items required by Clause (b).</p> <p>2) The <i>Construction Safety Program</i> shall be continuously amended to reflect the current stage of <i>construction</i>.”</p>	No	No change from 1999 the VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
4.	<p>ADD the following Article after Sentence 8.1.3.1.(2):</p> <p>“8.1.3.2. Exemptions</p> <p>1) A <i>Construction Safety Program</i> is not required for minor interior alterations completely within a suite and minor alterations or additions to a one-family dwelling unless the <i>Chief Building Official</i> determines that such work may pose a hazard to persons occupying the building, to construction workers or to the public.”</p>	No	No change from the 1999 VBBL.
5.	<p>ADD the following Article after Sentence 8.1.3.2.(1):</p> <p>“8.1.3.3. Posting Required</p> <p>1. No construction shall commence until the details of the <i>Construction Safety Program</i> complying with Articles 8.1.3.1. and 8.1.3.4. have been posted on the construction site in compliance with Sentence (2).</p> <p>2. The information required by Sentence (1) shall be</p> <p>a) firmly affixed to plywood of a size not less than 600 mm by 600 mm, staked into the ground, protected by the weather and visible from the street, or</p> <p>b) posted on the exterior of the principal construction site shelter provided for the construction workers and requirement, and shall remain posted at all times until construction is complete.”</p>	No	No change from the 1999 VBBL.
6.	<p>ADD the following Article after Sentence 8.1.3.3.(2):</p> <p>“8.1.3.4. Amendment</p> <p>1) If the <i>Chief Building Official</i>, although under no duty to review construction safety plans, determines that the <i>Construction Safety Program</i> is deficient or is being wrongly applied, the <i>Chief Building Official</i> may require that the program be amended.”</p>	No	No change from the 1999 VBBL.
7.	<p>ADD the following Title after Sentence 8.1.3.4.(1):</p> <p>“8.1.4 Construction Safety Officer”</p>	No	No change from the 1999 VBBL.
8.	<p>ADD the following Article after Subsection 8.1.4.:</p> <p>“8.1.4.1. Retention</p> <p>1. Where a complex building as described in Division C Subsection 2.2.7. is being constructed, a full-time <i>Construction Safety Officer</i> shall be retained on the construction site.”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
9.	<p>ADD the following Article after Sentence 8.1.4.1.(1):</p> <p>“8.1.4.2. Site Reviews Required</p> <p>1) Where <i>construction</i> is actively proceeding, the <i>Construction Safety Officer</i> shall make site reviews at least twice daily to determine that all work on the <i>construction site</i> is proceeding safely and in conformance with the <i>Construction Safety Program</i>, and after each inspection shall post a copy of the review in the same manner as and in the same location as the <i>Construction Safety Program</i>.”</p>	No	No change from the 1999 VBBL.
10.	<p>ADD the following Article after Sentence 8.1.4.2.(1):</p> <p>“8.1.4.3. Site Meetings Required</p> <p>1) The <i>Construction Safety Officer</i> shall hold regular <i>construction</i> site meetings not less than monthly with the <i>constructor</i> and a representative of each trade to discuss the remediation of any unsafe work practices or <i>unsafe conditions</i> and safety concerns on or off the site.”</p>	No	No change from the 1999 VBBL.
11.	<p>ADD the following Article after Sentence 8.1.4.3.(1):</p> <p>“8.1.4.4. Meeting Minutes</p> <p>1) Minutes of the meetings required in Article 8.1.4.3. shall be sent to the <i>coordinating registered professional</i> and shall be available at the <i>construction</i> site for inspection by the <i>Chief Building Official</i> or any person authorized by the <i>Chief Building Official</i>.”</p>	No	No change from the 1999 VBBL.
12.	<p>ADD the following Article after Sentence 8.1.4.4.(1):</p> <p>“8.1.4.5. Notification of Program Violation</p> <p>1) If the <i>Construction Safety Officer</i> notices that a procedure set out in the <i>Construction Safety Program</i> is not being followed at the site, the <i>Construction Safety Officer</i> shall immediately so inform the appropriate <i>trades safety coordinator</i> or, if that person is unavailable at the site, inform the supervisor for the appropriate sub-contractor.</p> <p>2) If corrective measures are not taken forthwith by the person informed in accordance with Sentence (1), the <i>Construction Safety Officer</i> shall inform the <i>constructor</i> or an agent of the <i>constructor</i>.”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
13.	<p>ADD the following Sentences after Sentence 8.2.3.2.(1):</p> <p>“2) For the purposes of Sentence (1), closure of a pedestrian sidewalk or portions of a roadway or both, other than momentary interruptions in public use, shall only be permitted by the <i>City Engineer</i> where it is established that no reasonable alternative exists that would minimize <i>construction</i> hazards to the public.</p> <p>3) The permission required in Sentence (2) shall be applied for and obtained from the <i>City Engineer</i> in advance of the overhead activities.”</p>	No	No change from the 1999 VBBL. These were Sentences 8.2.5.2.(2) and (3) in the 1999 VBBL.
14.	<p>ADD the following Article after Sentence 8.2.3.5.(1):</p> <p>“8.2.3.6. City Property Maintenance</p> <p>1) <i>Streets</i>, sidewalks and other city property adjacent to <i>projects</i> shall be maintained in a clean and clear condition devoid of all <i>construction</i> vehicles, <i>construction</i> materials, over spills, excavated materials and mud.</p> <p>2) Discharge water from <i>construction</i> activities and vehicle wash water for concrete and dump trucks shall not be dumped or placed on city property.”</p>	No	No change from the 1999 VBBL. These were Sentences 8.2.5.3.(1) and (2) in the 1999 VBBL.
15.	<p>Add the following sentence after Sentence 8.2.5.1.(4):</p> <p>5) If construction operations necessitate the movement of material or equipment on a sidewalk, a worker must accompany the material or equipment and take whatever steps are necessary in connection with its movement to ensure the safety of any pedestrians on the sidewalk.</p>	Yes	This amendment was requested by Engineering Services in the Fall of 2005.
16.	<p>Delete Article 8.2.5.3. and replace with the following:</p> <p>8.2.5.3 Barricades</p> <p>2) Concrete or plastic water filled interlocking barriers that are</p> <p>a) sufficient to prevent traffic from entering the excavation, and</p> <p>b) marked with retro reflective tape, paint or delineators adequate to make the barriers visible at dusk and at night, must surround each excavation that is in a street or other public place or that is adjacent to a traffic lane where there is no sidewalk or curb.</p>	Yes	This amendment was requested by Engineering Services in the Fall of 2005.

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17.	<p>Delete Subsection 8.2.6. and replace with the following:</p> <p>8.2.6 Direction of Traffic</p> <p>1) If work on a construction site creates a hazard to traffic on a <i>public way</i>, traffic control measures for the duration of the hazard must include</p> <ol style="list-style-type: none"> a) one or more workers or other persons to direct traffic, b) appropriate warning signs including a sign that a crew and one or more persons directing traffic are working ahead, and c) clear and consistent directions for traffic on the public way co-ordinated with clear and consistent directions for traffic entering or exiting the site. <p>2) If work on a construction site creates a hazard to traffic on a <i>public way</i> for more than 15 minutes, traffic control measures for the duration of the hazard must include</p> <ol style="list-style-type: none"> a) warning signs including a sign that construction lies ahead or that there is a lane closure, and a lane closure arrow, b) retro reflective lane control devices set up in a gradual taper to close the <i>public way</i> if a travel lane, c) retro reflective lane control devices set up along the closed portion of the <i>public way</i>, d) at night, if the <i>public way</i> is a vehicle travel lane, yellow flashing lights mounted on retro reflective barricades at the closure point of a travel lane, and e) at night, retro reflective barricades with yellow flashing lights in front of any solid object including a waste container, construction trailer, concrete barrier, concrete weight, construction material, or construction equipment, unless retro reflective sheeting marks the object. <p>3) If work on a construction site creates a hazard to non-vehicular and non-pedestrian traffic on a bikeway for more than 15 minutes, traffic control measures for the duration of the hazard must include</p> <ol style="list-style-type: none"> a) a safe delineated path to provide a continuous path for non- 	Yes	This amendment was requested by Engineering Services in the Fall of 2005.

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	<p>vehicular and non-pedestrian traffic where a safe alternative path does not exist,</p> <p>b) the use of one or more workers or other persons to direct such traffic past the hazard, or</p> <p>c) if a safe pedestrian path is available, a dismount sign at either end of the path.</p> <p>8.2.6.2 Signs Used for Directing Traffic</p> <p>1) Signs used for warning or directing traffic must</p> <ul style="list-style-type: none"> a) be at least 75 cm by 75 cm, b) use retro reflective sheeting, c) use orange or fluorescent orange with black text or symbols for warning signs, and white with black text or symbols for regulatory signs, and d) be approved for use in the Province. <p>8.2.6.3 Lane Control Devices</p> <p>1) A lane control device must be a fluorescent red or orange</p> <ul style="list-style-type: none"> a) 100 cm plastic tubular marker with two 8 cm retro reflective bands, b) 45 cm or 70 cm plastic cone with a 15 cm retro reflective band, or c) plastic flexible drum with two 10 inch retro reflective bands. <p>8.2.6.4 Traffic Control Person</p> <p>1) A person who is directing traffic on a <i>public way</i> must</p> <ul style="list-style-type: none"> a) have in his or her possession written proof of having completed training in a traffic control course approved under the authority of the Workers' Compensation Act of British Columbia or approved by the British Columbia Safety Council, 		

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p>b) wear personal protective equipment approved under the authority of the Workers' Compensation Act of British Columbia including a safety vest, hard hat, reflective wrist straps, and safety footwear approved under the authority of the Canadian Standards Association,</p> <p>c) use a traffic control paddle consisting of a white "stop" sign on a retro reflective red background and a black "slow" sign on a retro reflective yellow background,</p> <p>d) use a flashlight that includes a red signalling hood for night traffic conditions, and</p> <p>e) minimize traffic delays.</p> <p>8.2.6.5 Vehicle Impacting Traffic</p> <p>1) If the placement of a vehicle at a construction site or the use of a vehicle at a construction site to protect workers creates a hazard to traffic on a public way, the vehicle must have the following in operation</p> <ul style="list-style-type: none"> a) a 360 degree yellow flashing light, b) four way flashers, and c) a flashing arrow board. 		

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
18.	<p>Section 8.3 Objectives and Functional Statements The following changes and additions are to be made to Table 8.3.1.1. ADD the following rows after 8.1.2.2.(1):</p> <p>Column 1 Column 2</p> <p>8.1.3.1. Program Content</p> <p>(1) [F12, F30 – OS5.1, OS5.2, OS5.3, OS5.4, OS5.5, OS5.6, OS5.7]</p> <p>(2) [F12, F30 – OS5.1, OS5.2, OS5.3, OS5.4, OS5.5, OS5.6, OS5.7]</p> <p>8.1.3.3. Posting Required</p> <p>(1) [F12, F30 – OS5.1, OS5.2, OS5.3, OS5.4, OS5.5, OS5.6, OS5.7]</p> <p>(2) [F12, F30 – OS5.1, OS5.2, OS5.3, OS5.4, OS5.5, OS5.6, OS5.7]</p> <p>8.1.4.1. Retention</p> <p>(1) [F12, F30 – OS5.1, OS5.2, OS5.3, OS5.4, OS5.5, OS5.6, OS5.7]</p> <p>8.1.4.2. Site Reviews Required</p> <p>(1) [F12, F30 – OS5.1, OS5.2, OS5.3, OS5.4, OS5.5, OS5.6, OS5.7]</p> <p>8.1.4.3. Site Meetings Required</p> <p>(1) [F12, F30 – OS5.1, OS5.2, OS5.3, OS5.4, OS5.5, OS5.6, OS5.7]</p> <p>8.1.4.4. Meeting Minutes</p> <p>(1) [F30 – OS5.1, OS5.2, OS5.3, OS5.4, OS5.5, OS5.6, OS5.7]</p> <p>8.1.4.5. Notification of Program Violation</p> <p>(1) [F30 – OS5.1, OS5.2, OS5.3, OS5.4, OS5.5, OS5.6, OS5.7]</p> <p>(2) [F30 – OS5.1, OS5.2, OS5.3, OS5.4, OS5.5, OS5.6, OS5.7]</p> <p>ADD the following row after 8.2.3.2.(1):</p> <p>(2) [F30 – OS5.1]</p> <p>(3) [F30 – OS5.1]</p> <p>ADD the following rows after 8.2.3.5.(1):</p> <p>8.2.3.6. City Property Maintenance</p> <p>(1) [F30 – OS5.1, OS5.2]</p> <p>(2) [F40, FEP01 – OEP4.1]</p>	Yes	These amendments are required in order to reflect the new objective based code format.

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Unique to Vancouver Requirements

Division B – Part 9

(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	<p>ADD the following sentence after Sentence 9.1.1.1.(1):</p> <p>“2) Except for <i>buildings</i> described in Sentence 1.3.3.6.(2) of Division A, all newly constructed <i>buildings</i> shall be provided with an automatic <i>sprinkler system</i> designed and installed in accordance with Article 3.2.5.13.”</p>	No	No substantial change from the 1999 VBBL.
2.	<p>ADD the following Article after Article 9.1.1.1.:</p> <p>“9.1.1.2. Alternative Requirements for Existing Buildings</p> <p>1) Requirements for existing <i>buildings</i> which are alternatives to those in this Part are contained in Part 10. [See Article 1.1.2.3. of Division A]”</p>	Yes	Minor editorial change to delete reference to “Section 3.8 and to add a reference to Division A due to the objective base format.”.
3.	<p>ADD the following Article after Article 9.1.1.2.:</p> <p>“9.1.1.3. One-Family Dwelling</p> <p>1) <i>Construction of a one family dwelling with secondary suite</i> shall meet the following requirements</p> <p>a) fire compartmentation of the <i>building</i> as described in Table 10.3.3.1.</p> <p>b) the installation of <i>smoke alarms</i> in the <i>building</i> shall comply with Subsection 9.10.19.,</p> <p>c) the installation of electrical facilities in the <i>building</i> shall comply with Subsection 9.34.1., and</p> <p>d) the location of gas shut off valves controlling the flow of gas to appliances in the <i>building</i> shall be made readily accessible to all occupants, including occupants of a future <i>secondary suite</i>, having access to the appliances served</p>	Yes	Technical changes were made to this building By-law provision in order to provide consistency between the VBBL and the Z & D By-law.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	by such valves.”		
4.	<p>ADD the following Article after Article 9.1.1.3.:</p> <p>“9.1.1.4. One-Family Dwelling with Secondary Suite</p> <p>1) A <i>one-family dwelling with secondary suite</i> may be classified, for the purposes of this By-law, as a <i>one family dwelling</i> provided that the <i>building</i> is constructed in conformance with the requirements of Sentence 9.1.1.3.(1) or converted in conformance with the requirements of Subsection 10.3.3.”</p>	No	No change from the 1999 VBBL.
5.	<p>REPLACE the phrase “Glass sidelights greater than 500 mm wide that could be mistaken for doors, glass” in Sentence 9.6.6.2.(2) with the following:</p> <p>“All sidelights and windows located within 915 mm of doors described in Article 9.6.8.1., glass”</p>	No	No change from the 1999 VBBL.
6.	<p>REPLACE the phrase “where the glass area exceeds 0.5 m² and extends to less than 900 mm from the bottom of the door.” in Sentence 9.6.6.2.(3) with the following:</p> <p>“[...].”</p>	No	No change from the 1999 VBBL.
7.	<p>REPLACE Sentence 9.7.1.5.(2)(a) with the following:</p> <p>“a) Deleted.”</p>	No	No change from the 1999 VBBL.
8.	<p>ADD the following after Article 9.7.7.2.(1):</p> <p>”9.7.7.3. Forced Entry Through Skylights</p> <p>1) All openable skylights shall be designed to prevent opening from the outside when in the closed and locked position.</p> <p>2) All exterior skylight fasteners shall be tamperproof.”</p>	No	<p>This Sentence was Sentence 9.7.1.6.(2) in the 1999 VBBL.</p> <p>No change from the 1999 VBBL.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
9.	<p>ADD the following Article after Article 9.7.7.3.:</p> <p>“9.7.7.4. Overhead Skylight Glazing and Anchorage</p> <p>1) All skylights shall be glazed with wired glass, laminated safety glass or <i>combustible</i> glazing, anchored to their frames and structure, so as to effectively reduce hazards to occupants below them. [See A-3.1.14.3. in Appendix A.]”</p> <p>ADD the following Sentence after Sentence 9.8.8.1.(3):</p> <p>“4) Swimming pools greater than 450 mm deep and with a surface area more than 14 m², used or intended to be used for swimming, bathing or wading, shall be enclosed within a sturdy fence not less than 1.22 m in height with no openings greater than 100 mm in their least dimension and so that no member, attachment, or opening located between 100 mm and 900 mm above ground level will facilitate climbing or crawling into the pool area, except heavy gauge chain link fencing with a maximum opening size of 35 mm square may be considered <i>acceptable</i> for this purpose. [See Appendix A.]”</p>	Yes	<p>Minor editorial change only.</p> <p>This Sentence was revised to reflect that the window units must be anchored to both the frame and structure.</p>
10.	<p>ADD the following Sentence after Sentence 9.8.8.1.(3):</p> <p>“4) Swimming pools greater than 450 mm deep and with a surface area more than 14 m², used or intended to be used for swimming, bathing or wading, shall be enclosed within a sturdy fence not less than 1.22 m in height with no openings greater than 100 mm in their least dimension and so that no member, attachment, or opening located between 100 mm and 900 mm above ground level will facilitate climbing or crawling into the pool area, except heavy gauge chain link fencing with a maximum opening size of 35 mm square may be considered <i>acceptable</i> for this purpose. [See Appendix A.]”</p>	No	No change from the 1999 VBBL.
11.	<p>ADD the following Sentence after Sentence 9.8.8.1.(4):</p> <p>“5) The fence described in Sentence (4) shall</p> <p>a) enclose the pool itself or any portion of the premises on which the pool is situated, or enclose only the pool area provided the pool is open to full view through the fence, and</p> <p>b) be continuous except for points of access which shall be equipped with a self closing gate, so designed as to cause the gate to return to a locked position when not in use, and be secured by a spring lock located not less than 1 070 mm above grade which can only be opened from the swimming pool side of the fence.”</p>	Yes	Sentence (6) is deleted because the intent of this Article is to protect persons outside of the property from falling into the pool. Therefore, it is not appropriate to apply the same regulation to the house. It is the owner’s responsibility to protect children in the house from the pool.
12.	<p>ADD the following Sentence after Sentence 9.9.6.5.(4):</p> <p>“5) Principal entrance doors opening to an <i>acceptable</i> open space at ground level are not required to swing in the direction of <i>exit</i> travel provided</p> <p>a) the <i>suite</i> is located at ground level, and</p> <p>b) the <i>occupant load</i> is not more than 60 persons.</p>	No	<p>No change from the 1999 VBBL.</p> <p>This Sentence was 9.9.6.5.(6) in the 1999 VBBL.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
13.	<p>ADD the following Sentence after Sentence 9.9.7.4.(2):</p> <p>3) The travel distance required in Sentence (1) may be increased to 25 m for <i>sprinklered buildings</i>.</p>	No	<p>No change from the 1999 VBBL.</p> <p>This Sentence was 9.9.7.3.(3) in the 1999 VBBL.</p>
14.	<p>REPLACE Sentence 9.9.1.(1) with the following:</p> <p>“1) Except as provided in Sentences (2) and (3), every <i>dwelling unit</i> containing more than 1 <i>storey</i> shall have <i>exits</i> or egress doors located so that it shall not be necessary to travel up or down more than 1 <i>storey</i>, or not more than 2 <i>storeys</i> in a <i>sprinklered building</i>, to reach a level served by</p> <p>a) an egress door to a <i>public corridor</i>, enclosed <i>exit</i> stair or exterior passageway, or</p> <p>b) an <i>exit</i> doorway near adjacent ground level. (See Appendix A)”</p>	Yes	<p>Minor editorial change only.</p> <p>Clause 9.9.1.(1)(b) was amended by not requiring an exit doorway to be located within 1.5 m of grade, and an Appendix note will be provided to further explain this requirement.</p>
15.	<p>REPLACE Sentence 9.10.14.4.(5)(a) with the following:</p> <p>“5) If a <i>storage garage</i> has a <i>limiting distance</i> of not less than 3 m, the <i>exposing building</i> face of such <i>storage garage</i> may have unlimited <i>unprotected openings</i>.”</p>	No	<p>No change from the 1999 VBBL.</p> <p>This was Sentence 9.10.14.10.(1) in the 1999 VBBL.</p>
16.	<p>ADD the following Sentence after Sentence 9.10.14.4.(8):</p> <p>“9) Where a <i>building of residential occupancy</i> is <i>sprinklered</i> and the <i>limiting distance</i> is less than 1.2 m but not less than 1 m, the maximum percentage of <i>unprotected openings</i> may be 10% if windows are glazed with tempered, wired or laminated glass or glass block.”</p>	Yes	<p>Minor editorial change only.</p> <p>This was Sentence 9.10.14.5.(2) in the 1999 VBBL.</p> <p>Since the type of sprinkler head being provided in the residential occupancy is not relevant, the reference to quick response heads has been deleted from the 1999 VBBL provision.</p>
17.	<p>REPLACE the phrase “Sentences (2) to (7)” in Sentence 9.10.14.5.(1) with the following:</p> <p>“Sentences (3) to (8)”</p>	Yes	<p>Editorial change only.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
18.	<p>ADD the following after Sentence 9.10.14.5.(7):</p> <p>“(8) Where a residential building is sprinklered, and Table 9.10.14.5 requires noncombustible construction, the exposing building faces may use a wood stud wall assembly having a one hour fire-resistance rating provided the limiting distance is at least 1.0 m, the studs are filled with noncombustible insulation, and the wall assembly is clad with noncombustible cladding.”</p>	Yes	<p>Minor editorial change only.</p> <p>This was Sentence 9.10.14.17.(1) in the 1999 VBBL.</p> <p>Since the type of sprinkler head being provided in the residential occupancy is not relevant, the reference to quick response heads has been deleted from the 1999 VBBL provision.</p> <p>Editorial change only.</p>
19.	<p>REPLACE the phrase “Glazed Openings in Exposing Building Face” in the title of Article 9.10.15.4. with the following:</p> <p>“[...] Openings in Exposing Building Face”</p>	Yes	Editorial change only.
20.	<p>REPLACE the phrase “above another dwelling unit. (See Appendix A.)” in 9.10.15.1.(1) with the following:</p> <p>“above another dwelling unit, or one-family dwelling with secondary suites. (See Appendix A.)”</p>	Yes	Editorial change only to reflect new format of the objective base code.
21.	<p>REPLACE the phrase “Sentence (3)” in Sentence 9.10.15.4.(1) with the following:</p> <p>“Sentences (3), (4) and (5)”</p>	Yes	Editorial change only.
22.	<p>ADD the following sentences after Sentence 9.10.15.4.(3):</p> <p>“4) Where a building of residential occupancy is sprinklered and the limiting distance is less than 1.2 m but not less than 1 m, the maximum percentage of unprotected openings may be 10% if windows are glazed with tempered, wired or laminated glass or glass block.</p> <p>5) If a storage garage has a limiting distance of not less than 3 m, the exposing building face of such storage garage may have unlimited unprotected openings.”</p>	Yes	<p>Minor editorial change only.</p> <p>These Sentences were 9.10.14.5.(2) and 9.10.14.10.(1) respectively in the 1999 VBBL.</p> <p>Since the type of sprinkler head being provided in the residential occupancy is not relevant, the reference to quick response heads has been deleted from the 1999 VBBL provision.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
23.	REPLACE the phrase "Sentences (2) to (4) and (6)" in Sentence 9.10.15.5.(1) with the following: Sentences (2) to (4), (6) and (7)	Yes	Editorial change only.
24.	ADD the following Sentence after Sentence 9.10.15.5.(6): "7) Where a residential building is sprinklered, and Table 9.10.15.5 requires noncombustible construction, the exposing building faces may use a wood stud wall assembly having a one hour fire-resistance rating provided the limiting distance is at least 1.0 m, the studs are filled with noncombustible insulation, and the wall assembly is clad with noncombustible cladding."	Yes	Minor editorial change only. This was Sentence 9.10.14.17.(1) in the 1999 VBBL. Since the type of sprinkler head being provided in the residential occupancy is not relevant, the reference to quick response heads has been deleted from the 1999 VBBL provision.
25.	ADD the following Sentence after Sentence 9.10.19.1.(1): "2) Except in sprinklered buildings, smoke alarms installed in all dwelling units shall be provided with a battery back up and with a manually operated device incorporated within the circuitry of the smoke alarm so that it will silence the signal emitted by the smoke alarm for a period of not more than 10 min., after which the smoke alarm will reset and again sound the alarm if the level of smoke in the vicinity is sufficient to re-actuate the smoke alarm."	Yes	Minor editorial changes only. This was Sentence 9.10.18.1.(2) in 1999 VBBL.
26.	REPLACE Sentence 9.10.20.3.(1) with the following: "1) Access for fire department vehicles and fire fighters must be provided to each building in accordance with Articles 3.2.5.4., 3.2.5.5. and 3.2.5.6."	Yes	This Sentence has been revised to provide consistency between Part 3 and Part 9.
27.	REPLACE Sentence 9.10.20.3.(2) with the following: 2) Deleted.	Yes	This Sentence is covered in Sentence 3.2.5.6.(1).
28.	REPLACE the phrase "British Columbia Fire Code" in 9.10.20.4.(1) with the following: "conformance with the Fire By-law"	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
29.	<p>ADD the following Sentence after Sentence 9.11.1.1.(1):</p> <p>“(2) <i>Acceptable</i> acoustical sealant shall be provided for walls, ceilings and floors, in order to maintain the required STC rating, and the sealant used for this purpose shall conform to CAN/CSGB-19.21-M87, “Sealing and Bedding Compound, Acoustical.”</p>	Yes	Minor editorial change only. This was Sentence 9.29.1.1.(2) in the 1999 VBBL.
30.	<p>After “condensation” in 9.25.1.1.(1) add the following:</p> <p>“and condensation. [See Sentence 1.3.3.2.(3) of Division A for Part 5 application to <i>multi-family residential occupancies</i> and artist live/work studios.]”</p>	Yes	Minor editorial changes only.
31.	<p>ADD the following Sentence after Sentence 9.25.1.1.(2):</p> <p>“(3) Except for <i>buildings</i> containing only <i>dwelling units</i> or for portions of <i>building</i> containing <i>dwelling units</i>, the design and installation of thermal insulation and measures to control heat transfer and condensation shall conform to Article 1.3.3.7. of Division A.”</p>	Yes	Minor editorial change only.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes																																			
32.	<p>REPLACE Table 9.25.2.1. with the following Table:</p> <p style="text-align: center;">Table 9.25.2.1. Minimum Thermal Resistance of Insulation RSI, m² °C/W for Buildings of Residential Occupancy Forming Part of Article 9.25.2.1.</p> <table border="1"> <thead> <tr> <th rowspan="2"><i>Building Assembly</i></th> <th colspan="2">Value Required ⁽⁶⁾</th> </tr> <tr> <th>Less than 4500 Celsius Degree Days⁽¹⁾</th> <th>4500 and Greater Celsius Degree Days⁽¹⁾</th> </tr> </thead> <tbody> <tr> <td>Attic Spaces</td> <td>7.0</td> <td>7.7</td> </tr> <tr> <td>Roof Joist Assemblies(Cathedral Ceilings/Flat Roofs)</td> <td>4.9</td> <td>4.9</td> </tr> <tr> <td>Frame Walls⁽³⁾ (including frame crawl space walls)</td> <td>3.5⁽²⁾</td> <td>3.85</td> </tr> <tr> <td>Concrete or Masonry Walls (other than foundation walls)</td> <td>2.1</td> <td>2.1</td> </tr> <tr> <td>Suspended Floors (Framed)</td> <td>4.9</td> <td>4.9</td> </tr> <tr> <td>Suspended Floors (Concrete Slab)</td> <td>2.1</td> <td>2.1</td> </tr> <tr> <td>Foundation Walls(insulation to 600 mm below grade)</td> <td>2.1</td> <td>2.1</td> </tr> <tr> <td>Unheated Concrete Slabs on Ground at or above grade (insulation around edge of slab⁽⁴⁾ and 500 mm vertical or horizontal from bottom edge of slab)</td> <td>1.8</td> <td>2.1</td> </tr> <tr> <td>Radiant Heating Slabs on Ground (insulation under all slab area and around edge of slab⁽⁴⁾)</td> <td>2.1</td> <td>2.1</td> </tr> <tr> <td>Radiant Heating Suspended Floor Assembly Over Heated Area (insulation between heated floor and heated area below)⁽⁵⁾</td> <td>2.1</td> <td>2.1</td> </tr> </tbody> </table>	<i>Building Assembly</i>	Value Required ⁽⁶⁾		Less than 4500 Celsius Degree Days ⁽¹⁾	4500 and Greater Celsius Degree Days ⁽¹⁾	Attic Spaces	7.0	7.7	Roof Joist Assemblies(Cathedral Ceilings/Flat Roofs)	4.9	4.9	Frame Walls ⁽³⁾ (including frame crawl space walls)	3.5 ⁽²⁾	3.85	Concrete or Masonry Walls (other than foundation walls)	2.1	2.1	Suspended Floors (Framed)	4.9	4.9	Suspended Floors (Concrete Slab)	2.1	2.1	Foundation Walls(insulation to 600 mm below grade)	2.1	2.1	Unheated Concrete Slabs on Ground at or above grade (insulation around edge of slab ⁽⁴⁾ and 500 mm vertical or horizontal from bottom edge of slab)	1.8	2.1	Radiant Heating Slabs on Ground (insulation under all slab area and around edge of slab ⁽⁴⁾)	2.1	2.1	Radiant Heating Suspended Floor Assembly Over Heated Area (insulation between heated floor and heated area below) ⁽⁵⁾	2.1	2.1	No	No change from the 1999 VBBL.
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Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
	<p>Notes to Table 9.25.2.1.: (See Appendix A.)</p> <ol style="list-style-type: none"> 1) Celsius Degree Days means the degree days below 18°C as described in Appendix C, Climatic Information for Building Design in Canada. 2) In areas of 3500 Celsius Degree Days or less, and where the building is heated by natural gas not supplied by the Vancouver Island Natural Gas Pipeline, the minimum insulation required for Frame Walls may be reduced to RSI 2.45. 3) Stud/Frame type wall construction. This is not intended to apply to masonry or construction without a cavity. 4) The top edge of insulation between the slab edge and foundation wall may be protected with a pressure treated preserved wood filler strip not more than 50 mm thick. 5) Not applicable when heating elements or piping are located within a concrete topping on a suspended floor assembly or within an internally heated suspended slab. 6) See Sentence 9.25.2.6(1) for additional insulation requirements. 		
33.	<p>ADD the following Article after Sentence 9.25.2.5.(1):</p> <p>“9.25.2.6. Extra Thermal Insulation</p> <ol style="list-style-type: none"> 1) Where the total window and skylight area, based on rough opening size, exceeds 15% of the total habitable <i>floor area</i> of the <i>building</i>, extra thermal insulation measures shall be taken to compensate for the heat loss from this additional glazed area.” 	No	No change from the 1999 VBBL.
34.	<p>ADD the following Article after Sentence 9.26.18.2.(1):</p> <p>“9.26.18.3. Roof or Balcony Parapet Walls</p> <ol style="list-style-type: none"> 1) Where a roof or balcony is entirely enclosed by parapet walls, a sufficient number of overflow outlets shall be installed in such parapet walls to drain the roof or balcony in the event of any rainwater conductors becoming obstructed. [See Appendix A.]” 	No	No change from the 1999 VBBL.
35.	<p>Original proposed amendment no longer required. (This item is only maintained to keep reference numbers)</p>		
36.	<p>Delete entire Section 9.36 and insert the following after Sentence 9.35.4.3.(1):</p> <p>“Section 9.36. Deleted. [See Sentences 9.1.1.3.(1) and 9.1.1.4.(1) and Article 10.3.3.1 for Secondary Suites]”</p>	No	No change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
37.	<p>The following changes and additions are to be made to Table 9.3.7.1.1. (Objectives and Functional Statements):</p> <p>ADD the following row before 9.3.1.1.(1): Column 1 Column 2 9.1.1.3. One Family Dwelling (1) [F02, F03 – OS1.1., OS1.2, OS1.3]</p>	Yes	These amendments are required to address the new Objective Based Code format.
38.	<p>In 9.6.6.2.(2) after existing entry in Column 2, ADD the following entry: [F34- OS4.1]</p>	Yes	These amendments are required to address the new Objective Based Code format.
39.	<p>ADD the following row after 9.6.6.2.(2): (3) [F30, F34 – OS3.1, OS4.1]</p>	Yes	These amendments are required to address the new Objective Based Code format.
40.	<p>ADD the following rows after 9.7.7.2.(1): 9.7.7.3. Forced Entry Through Skylights (1) [F34 – OS4.1] (2) [F34 _ OS4.1] 9.7.7.4. Overhead Skylight Glazing and Anchorage (1) [F20, F21, F23, F30 – OS2.1, OS2.2, OS2.4, OS3.1]</p>	Yes	These amendments are required to address the new Objective Based Code format.
41.	<p>ADD the following rows after 9.8.8.1.(3): (4) [F30 – OS3.1] (5) [F30 - OS3.1]</p>	Yes	These amendments are required to address the new Objective Based Code format.
42.	<p>ADD the following row after 9.9.6.5.(4): (5) [F10 – OS3.7]</p>	Yes	These amendments are required to address the new Objective Based Code format.
43.	<p>ADD the following row after 9.9.7.3.(1): (3) [F10 – OS1.5]</p>	Yes	These amendments are required to address the new Objective Based Code format.
44.	<p>ADD the following row after 9.10.14.4.(4): (5) (a) [F03- OP3.1] (9) [F02, F03- OP3.1]</p>	Yes	These amendments are required to address the new Objective Based Code format.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
45.	ADD the following row after 9.10.14.5.(5): (8) [F02, F03 – OP3.1]	Yes	These amendments are required to address the new Objective Based Code format.
46.	ADD the following rows after 9.10.15.4.(1): (4) [F02, F03 – OP3.1] (5) [F03 – OP3.1]	Yes	These amendments are required to address the new Objective Based Code format.
47.	ADD the following row after 9.10.19.1.(1): (2) [F11 – OS1.5]	Yes	These amendments are required to address the new Objective Based Code format.
48.	ADD the following row after 9.24.3.7.(3): 9.25.1.1. Application (3) [FEP01 – OEP1.1]	Yes	These amendments are required to address the new Objective Based Code format.
49.	In 9.25.2.1.(1) after existing two entries in Column 2, ADD the following entry: [F51, F52, FEP01 – OH1.1, OH1.2, OEP1.1, OEP1.2]	Yes	These amendments are required to address the new Objective Based Code format.
50.	ADD the following row after 9.25.2.5.(1): 9.25.2.6. Extra Thermal Insulation (1) [FEP01 – OEP1.1] Yes	Yes	These amendments are required to address the new Objective Based Code format.
51.	ADD the following row after 9.26.18.2.(1): 9.26.18.3. Roof or Balcony Parapet Walls (1) [F81, FBEP01, FBEP02 – OS2.1, OS2.2, OS2.3]	Yes	These amendments are required to address the new Objective Based Code format.
52.	ADD the following row after 9.28.6.5.(3): 9.29.1.1. Fire Protection and Sound Control (2) [F56 – OH3.1]	Yes	These amendments are required to address the new Objective Based Code format.
53.	ADD the following row after 9.34.1.1.(1): (2) [F01 – OP1.1] [F01 – OS1.1] [F32 – OS3.3.]	Yes	These amendments are required to address the new Objective Based Code format.

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Unique to Vancouver Requirements Division B – Part 10

(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	ADD Part 10 of the current Vancouver Building By-law, #8057 as amended by By-laws #8597 and #8834 after Part 9.	No	No change from 1999 VBBL.

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Unique to Vancouver Requirements
Division C – Part 1
(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
1.	Delete the word "Code" in Sentence 1.1.1.1.(1) and replace with the word "By-law".	Yes	This is a new Part for the Code to address the objective based code format.

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Unique to Vancouver Requirements

Division C – Part 1A

(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
1.	Add a new Part 1A – titled “Administration – Building” after Part 1, and insert into it the provisions set out in the following items numbered 1 to 167, and attach to the By-law the Fee Schedule and Schedules A, B1, B2, C-A and C-B.	No	Either no change or no substantial change from the 1999 VBBL other than moving Part 1A to Division C of new VBBL. Portions of Part 2 (1999 VBBL) have also been moved to this new Part.
2.	Part 1A Administration — Building Section 1A.1. General 1A.1.1. Administration 1A.1.1.1. Interpretation 1) This By-law shall, despite any other provision herein, be interpreted in accordance with this Subsection.	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
3.	<p>1A.1.1.2. Intent</p> <p>1) This By-Law is enacted to set standards in the general public interest. It is enacted and retained on the understanding and specifically expressed condition that it creates no duty whatsoever on the city, the <i>Chief Building Official</i> or any employee of the city to enforce its provisions, and on the further condition that a failure to administer or enforce its provisions, or the incomplete or inadequate administration or enforcement of its provisions, shall not give rise to a cause of action in favour of any person whatsoever. The issuance of any <i>permit</i>, including an <i>occupancy permit</i>, is not a representation, warranty or statement that this By-Law has been complied with, and the issuance thereof in error shall not give rise to a cause of action. Accordingly, words defining the responsibilities and authority of the <i>Chief Building Official</i> shall be construed to be internal administrative directions and not as creating a duty.</p>	No	Either no change or no substantial change from the 1999 VBBL.
4.	<p>1A.1.1.3. Determining Compliance</p> <p>1) No person shall rely upon any <i>permit</i> as establishing compliance with the By-Law or assume or conclude that the By-Law has been administered or enforced according to its terms and such person is personally responsible for making such determination.</p>	No	Either no change or no substantial change from the 1999 VBBL.
5.	<p>Section 1A.2. General Responsibilities</p> <p>1A.2.1. Responsibilities</p> <p>1A.2.1.1. Contravention</p> <p>1) No person shall fail to comply with an order or notice issued by the <i>Chief Building Official</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
6.	<p>1A.2.1.2. No Work Without Permit</p> <p>1) No person shall work or authorize or allow work to proceed on a <i>project</i> for which a <i>permit</i> is required unless a valid <i>permit</i> exists for the work to be done.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
7.	<p>1A.2.1.3. Deviation Needs Prior Approval</p> <p>1) No person shall deviate from the plans and specifications forming part of the <i>building permit</i>, or omit or fail to complete prior to <i>occupancy</i>, work required by the said plans and specifications without first having obtained in writing the approval of the <i>Chief Building Official</i> to do so.</p>	No	Either no change or no substantial change from the 1999 VBBL.
8.	<p>1A.2.1.4. Unsafe Conditions</p> <p>1) No person who is an <i>owner</i> of a <i>building</i>, and no person who is involved in the <i>construction</i>, reconstruction, demolition, <i>alteration</i>, removal, relocation or <i>occupancy</i> of a <i>building</i> shall cause, allow or maintain any <i>unsafe condition</i>. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.
9.	<p>1A.2.1.5. Work on Public Property</p> <p>1) No person shall excavate or undertake work on, over or under public property, or erect or place any <i>construction</i> or work or store any materials thereon without approval having first been obtained in writing from the appropriate government authority having jurisdiction over such public property. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.
10.	<p>1A.2.1.6. Property Changes</p> <p>1) No person shall allow the ground elevations or property boundaries of a <i>building</i> lot to be so changed as to place a <i>building</i> or part thereof in contravention of this By-law, unless the <i>building</i> or part thereof is so altered, after obtaining the necessary <i>permit</i>, so that no contravention will occur as a result of the change of the ground elevation or property boundary. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.
11.	<p>1A.2.1.7. False Information</p> <p>1) No person shall knowingly submit false or misleading information to the <i>Chief Building Official</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
12.	<p>Section 1A.3. Obligations of the <i>Owner</i></p> <p>1A.3.1. General Responsibilities</p> <p>1A.3.1.1. Remove Unsafe Conditions</p> <p>1) When a <i>building</i> or part thereof is in an <i>unsafe condition</i>, the <i>owner</i> shall forthwith take all necessary action to put the <i>building</i> in a safe condition.</p>	No	Either no change or no substantial change from the 1999 VBBL.
13.	<p>1A.3.1.2. Right of Entry</p> <p>1) Every <i>owner</i> shall allow the <i>Chief Building Official</i> and any person authorized to act on behalf of the <i>Chief Building Official</i> to enter any <i>building</i> or premises at any reasonable time for the purpose of administering and enforcing this By-law.</p>	No	Either no change or no substantial change from 1999.
14.	<p>1A.3.1.3. Permit Required</p> <p>1) Every <i>owner</i> shall obtain all <i>permits</i> or approvals prior to commencing the work to which they relate.</p>	No	Either no change or no substantial change from the 1999 VBBL.
15.	<p>1A.3.1.4. Plans Required on Site</p> <p>1) Every <i>owner</i> shall ensure that the plans and specifications on which the issuance of the <i>building permit</i> was based are available at the site of the work for inspection during working hours by the <i>Chief Building Official</i> or any person authorized to act on behalf of the <i>Chief Building Official</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
16.	<p>1A.3.1.5. Damage to Public Property</p> <p>1) Every <i>owner</i> is responsible for the cost of repair of any damage to public property or works located thereon that may occur as a result of undertaking work for which a <i>permit</i> was required.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
17.	<p>1A.3.1.6. Site Cleared of Debris</p> <p>1) Despite the provisions of Subsection 8.1.1., every <i>owner</i> shall ensure that upon completion of demolition procedures, all debris and fill shall be cleared and the site levelled or graded, to the satisfaction of the <i>Chief Building Official</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
18.	<p>1A.3.2. Administrative Responsibilities</p> <p>1A.3.2.1. Notice Prior to Work</p> <p>1) Every <i>owner</i> shall, prior to commencing work, give notice in writing to the <i>Chief Building Official</i>, of</p> <p>a) the name, address and telephone number of</p> <p>i) the <i>contractor</i> or other person in charge of the work,</p> <p>ii) the <i>designer</i> reviewing the work, and</p> <p>iii) any inspection or testing agency engaged to monitor the work, and</p> <p>b) any change in or termination of employment of such persons during the course of the <i>construction</i> immediately that such change or termination occurs. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.
19.	<p>1A.3.2.2. Other Notices</p> <p>1) Every <i>owner</i> shall give such other notice to the <i>Chief Building Official</i> as may be required by the <i>Chief Building Official</i> or by a provision of this By-law.</p>	No	Either no change or no substantial change from the 1999 VBBL.
20.	<p>1A.3.2.3. Construction Safety Officer Required</p> <p>1) Where a <i>building</i> is required by Subsection 2.2.7. to be professionally designed and reviewed, the <i>owner</i> shall, prior to commencing work, ensure that the <i>contractor</i> provides a full-time <i>construction safety officer</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
21.	<p>1A.3.3. Inspections</p> <p>1A.3.3.1. Notice by Owner</p> <p>1) Every <i>owner</i> shall give notice to the <i>Chief Building Official</i> with at least 24 hours warning</p> <p>a) of intent to do work that is required or ordered to be inspected during <i>construction</i>,</p> <p>b) of intent to cover work that is required or ordered to be inspected prior to covering, and</p> <p>c) when work has been completed so that a final inspection can be made.</p>	No	Either no change or no substantial change from the 1999 VBBL.
22.	<p>1A.3.3.2. Reinspection Fees</p> <p>1) Every applicant for a reinspection of any portion of a <i>project</i>, which has been previously inspected and where there was a finding of faulty or incomplete work or materials, shall first pay the applicable reinspection fees set out in the Fee Schedule.</p>	No	Either no change or no substantial change from the 1999 VBBL.
23.	<p>1A.3.3.3. Uncovering Work</p> <p>1) When required by the <i>Chief Building Official</i>, every <i>owner</i> shall uncover and replace at the <i>owner's</i> own expense any work that has been covered without inspection contrary to this By-law or an order issued by the <i>Chief Building Official</i>. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
24.	<p>1A.3.4. Compliance 1A.3.4.1. Owner Responsible for Compliance 1) The granting of a <i>permit</i>, the approval of the drawings and specifications or the making of inspections by the <i>Chief Building Official</i> shall not in any way relieve the <i>owner</i> of a <i>building</i> from the full responsibility for carrying out the work or having the work carried out in accordance with this By-law including ensuring that the <i>occupancy</i> of the <i>building</i>, or any part thereof, is in accordance with terms of the <i>occupancy permit</i>, and including compliance with any special conditions made under the provision of Article 1A.6.1.4. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.
25.	<p>1A.3.4.2. Assure Compliance 1) When required by the <i>Chief Building Official</i>, every <i>owner</i> shall provide to the <i>Chief Building Official</i> letters in the forms set out in Schedules A, B1, B2, C-A and C-B to assure a) compliance with this By-law and with any <i>permits</i> issued, and b) that the drawings submitted for a <i>building permit</i> conform substantially with the <i>approved</i> Development <i>permit</i> drawings, except that where differences exist, it shall be the responsibility of the <i>owner</i> to make application for a "Development Permit Amendment" as required by the Zoning and Development By-law.</p>	No	Either no change or no substantial change from 1999. PERMIT IN THIS SENTENCE IS NOT A DEFINED TERM AND SHOULD NOT BE CAPITALIZED.
26.	<p>1A.3.4.3. Tests to Prove Compliance 1) Where required by the <i>Chief Building Official</i> every <i>owner</i> shall make or have made at the <i>owner's</i> own expense, tests or inspections, as necessary to prove compliance with this By-law and shall promptly file a copy of all such tests or inspection reports with the <i>Chief Building Official</i>. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.

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27.	<p>1A.3.4.4. Up-to-Date Survey</p> <p>1) Every <i>owner</i> shall give the <i>Chief Building Official</i> a survey, certified by a registered land surveyor not less than 30 days before the date of receipt by the <i>Chief Building Official</i></p> <p>a) of an <i>existing building</i> and site, when required from time to time by the <i>Chief Building Official</i>, to substantiate the <i>building's</i> location, size, including appendages whether above, at or below ground level, relative to the site, or its relationship to neighbouring grades, and</p> <p>b) of a new <i>building</i> and site, upon completion of all <i>foundations</i> and footings and before any further construction, including the elevation of a bench mark on the front of the <i>foundation</i> wall, to substantiate its size, location, and elevation.</p>	No	Either no change or no substantial change from the 1999 VBBL.
28.	<p>Section 1A.4. Obligations of the Constructor</p> <p>1A.4.1. Responsibilities</p> <p>1A.4.1.1. Construction Safety</p> <p>1) Every <i>constructor</i> shall ensure that all requirements of this By-law relating to <i>construction</i> safety are complied with, and shall ensure that every sub-<i>contractor</i> of the <i>project</i> has retained a <i>trades safety coordinator</i> as required by Sentence (2).</p> <p>2) Every sub-<i>contractor</i> shall retain a qualified <i>trades safety coordinator</i> whose responsibilities shall include full training of all persons working for the sub-<i>contractor</i> at the worksite in safe <i>construction</i> and installation practice, as applicable, and who shall provide certification respecting that training on request.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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29.	<p>1A.4.1.2. Work on Public Property</p> <p>1) Every <i>constructor</i> shall ensure that no excavation or other work is undertaken on public property, and that no <i>building</i> is erected or materials stored in whole or in part thereon, without first having obtained approval in writing from the appropriate government authority over such public property.</p>	No	Either no change or no substantial change from the 1999 VBBL.
30.	<p>1A.4.1.3. Responsibility</p> <p>1) Every <i>constructor</i> is responsible jointly and severally with the <i>owners</i> for any work actually undertaken. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.
31.	<p>SECTION 1A.5. Obligations of the Chief Building Official</p> <p>1A.5.1 Responsibilities</p> <p>1A.5.1.1. Administrator</p> <p>1) The <i>Chief Building Official</i> is responsible for the administration of this By-law.</p>	No	Either no change or no substantial change from the 1999 VBBL.
32.	<p>1A.5.1.2. Filing Documents</p> <p>1) The <i>Chief Building Official</i> shall keep copies of all applications received, <i>permits</i> and orders issued, inspections and tests made and of all papers and documents connected with the administration of this By-law for such time as is required by law. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.
33.	<p>1A.5.1.3. Notices or Orders</p> <p>1) The <i>Chief Building Official</i> shall issue in writing such notices or orders as may be necessary to inform the <i>owner</i> where a contravention of this By-law has been observed, in the manner set out in Subsection 1A.6.3.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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34.	1A.5.1.4. Issue Permits 1) The <i>Chief Building Official</i> shall issue a <i>permit</i> when, to the best knowledge of the <i>Chief Building Official</i> , the applicable conditions as set forth in this By-law have been met.	No	Either no change or no substantial change from the 1999 VBBL.
35.	1A.5.1.5. Inspection of Records 1) Plans and documents filed pursuant to the provisions of this By-law shall not be deemed to be public records, but may be open to inspection with the permission of the <i>Chief Building Official</i> .	No	Either no change or no substantial change from the 1999 VBBL.
36.	1A.5.1.6. Fees for Inspection of Records 1) A fee as set out in the Fee Schedule shall be charged in advance for the inspection of records referred to in Article 1A.5.1.5.	No	Either no change or no substantial change from the 1999 VBBL.
37.	Section 1A.6. Powers of the Chief Building Official 1A.6.1. Authority 1A.6.1.1. Legal Entry 1) The <i>Chief Building Official</i> , and any person authorized to act on behalf of the <i>Chief Building Official</i> , may enter any <i>building</i> or premises at any reasonable time for the purpose of administering or enforcing this By-law, or if there is reason to believe an <i>unsafe condition</i> exists. [See Appendix A.]	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
38.	<p>1A.6.1.2. Scope of Orders</p> <p>1) The <i>Chief Building Official</i> may order, in the manner set out in Section 1A.6.3.,</p> <p>a) a person who contravenes any provision of this By-law, to comply with the provision within the time period specified,</p> <p>b) work to stop on the <i>building</i> or any part thereof, if such work is proceeding in contravention of a provision of this By-law, or if there is deemed to be an <i>unsafe condition</i>,</p> <p>c) the removal of an unauthorized encroachment on public property,</p> <p>d) the removal of any <i>building</i> or part thereof constructed in contravention of a provision of this By-law,</p> <p>e) the cessation of any <i>occupancy</i> in contravention of a provision of this By-law,</p> <p>f) the cessation of any <i>occupancy</i> if an <i>unsafe condition</i> exists, and</p> <p>g) the correction of an <i>unsafe condition</i>. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.
39.	<p>1A.6.1.3. Proof of Compliance</p> <p>1) The <i>Chief Building Official</i> may direct that tests of materials, equipment, devices, <i>construction</i> methods, structural assemblies or <i>foundations</i> be made, or sufficient evidence or proof be submitted at the expense of the <i>owner</i>, where such evidence or proof is necessary to determine whether the material, equipment, device, <i>construction</i> or <i>foundation</i> condition complies with this By-law.</p>	No	Either no change or no substantial change from 1999.
40.	<p>1A.6.1.4. Permits for Existing Buildings Not in Compliance</p> <p>1) Despite a <i>building</i> or <i>occupancy</i> not being in complete compliance with this By-law, the <i>Chief Building Official</i> may issue a <i>permit</i> if, in the opinion of the <i>Chief Building Official</i>, it is warranted, in which case the <i>permit</i> may be issued subject to conditions.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
41.	<p>1A.6.1.5. Variance from By-law</p> <p>1) The <i>Chief Building Official</i> may issue <i>occupancy permits</i> for <i>buildings</i> which vary in a minor respect from the requirements of this By-law if, in the opinion of the <i>Chief Building Official</i>, such variation will not substantially lessen the objectives thereof.</p>	No	Either no change or no substantial change from the 1999 VBBL.
42.	<p>1A.6.1.6. Partial or Staged Permits</p> <p>1) Before all the plans of the <i>building</i> have been <i>accepted</i>, the <i>Chief Building Official</i> may issue a <i>permit</i> to excavate or to construct a portion of a <i>building</i> at the risk of the <i>owner</i> with, if necessary, conditions to ensure compliance with this By-law. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.
43.	<p>1A.6.1.7. Conditional Permits</p> <p>1) The <i>Chief Building Official</i> may issue a <i>permit</i> for the whole <i>building</i> conditional upon the submission, at an acceptable time, of additional information not available at the time of issue, if such information is of secondary importance and is of such nature that the withholding of the <i>permit</i> until its availability would delay the work unreasonably, with the understanding that if such information is not available at the <i>accepted</i> time the work will be stopped. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
44.	<p>1A.6.1.8. Permit Refusal</p> <ol style="list-style-type: none"> 1) The <i>Chief Building Official</i> may refuse to issue any <i>permit</i> whenever information submitted is inadequate to determine compliance with the provisions of this By-law, a) whenever incorrect information is submitted, b) that would authorize any <i>building</i> work or <i>occupancy</i> that would not be permitted by this By-law, or c) that would be prohibited by any other regulation. d) An applicant or <i>owner</i>, who requests, shall be provided with the reasons for a refusal to grant a <i>permit</i> by the <i>Chief Building Official</i>. 	No	Either no change or no substantial change from the 1999 VBBL.
45.	<p>1A.6.1.9. Permits in Designated Flood Plain</p> <ol style="list-style-type: none"> 1) In lands situated in the area of a <i>designated flood plain</i> the <i>Chief Building Official</i> may <ol style="list-style-type: none"> a) withhold the issuance of a <i>building permit</i> until the <i>Chief Building Official</i> is satisfied that the elevation or design of the <i>building</i> incorporates flood construction standards intended to reduce the risk of flood damage, and b) require that a covenant acknowledging the risk of flood damage be registered against the land. 	No	Either no change or no substantial change from the 1999 VBBL.
46.	<p>1A.6.1.10. Permit Revocation</p> <ol style="list-style-type: none"> 1) The <i>Chief Building Official</i> may revoke a <i>permit</i> after written notice is given to the <i>permit</i> holder if <ol style="list-style-type: none"> a) there is a contravention of any condition under which the <i>permit</i> was issued, b) the <i>permit</i> was issued in error, or c) the <i>permit</i> was issued on the basis of false or incorrect information. 	No	Either no change or no substantial change from 1999.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
47.	<p>1A.6.1.11. Value of Work</p> <p>1) The <i>Chief Building Official</i> may place a value on the work in accordance with Articles 1A.7.2.3. and 1A.7.2.4. for the purpose of determining <i>permit</i> fees to be applicable.</p>	No	Either no change or no substantial change from the 1999 VBBL.
48.	<p>1A.6.1.12. Occupancy Prior to Completion</p> <p>1) The <i>Chief Building Official</i> may issue an <i>occupancy permit</i>, subject to compliance with provisions to safeguard persons in or about the premises, to allow the <i>occupancy</i> of a <i>building</i> or a part thereof for the <i>approved</i> use, prior to commencement or completion of the <i>construction</i> or demolition work.</p>	No	Either no change or no substantial change from the 1999 VBBL.
49.	<p>1A.6.1.13. Owner's Assurance</p> <p>1) Before issuing an <i>occupancy permit</i>, the <i>Chief Building Official</i> may require the <i>owner</i> to provide letters of assurance, in accordance with Article 1A.8.4.1, stating that this By-law has been complied with and the necessary <i>permits</i> have been obtained and amended where necessary.</p>	No	Either no change or no substantial change from the 1999 VBBL.
50.	<p>1A.6.1.14. Removal of Hazardous Material</p> <p>1) Where the installation or removal of a <i>building</i> material may, in the opinion of the <i>Chief Building Official</i>, create an <i>unsafe condition</i> or be hazardous to health, structural safety or protection from fire, the <i>Chief Building Official</i> may require that the work be done by or under the supervision of a person qualified to handle the <i>building</i> material.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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51.	<p>1A.6.1.15. Report of Building Failure</p> <p>1) Where any failure occurs which causes or has the potential to cause injury or loss of life, the <i>Chief Building Official</i> may require the <i>owner</i> to submit a report stating</p> <p>a) the name and address of the <i>owner</i> of the <i>building</i>,</p> <p>b) the address or location of the <i>building</i> involved in the failure,</p> <p>c) the name and address of the <i>constructor</i>, and</p> <p>d) the nature of the failure.</p>	No	Either no change or no substantial change from the 1999 VBBL.
52.	<p>1A.6.2. Removal of Unsafe Conditions</p> <p>1A.6.2.1. Site and Construction Hazard</p> <p>1) When any <i>building</i>, <i>construction</i> or excavation or part thereof is in an <i>unsafe condition</i> as a result of being open or unguarded, or because of danger from fire or risk of accident because of its ruinous or dilapidated state, faulty <i>construction</i>, abandonment or because of any other thing, event or happening that constitutes an <i>unsafe condition</i>, and when notice to correct such condition has been given in the manner set out in Subsection 1A.6.3. but has not been complied with, the <i>Chief Building Official</i> may</p> <p>a) demolish, remove, guard or enclose such <i>building</i>, <i>construction</i>, excavation or part thereof at the expense of the <i>owner</i> and may recover such expense in the manner set out in Article 1A.6.2.4., and</p> <p>b) take such other measures the <i>Chief Building Official</i> considers necessary to protect the public.</p> <p>2) The <i>Chief Building Official</i> may issue a written order or notice to the <i>owner</i>, as set out in Subsection 1A.6.3., to correct any <i>unsafe condition</i> found on any <i>building</i> site.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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53.	<p>1A.6.2.2. Immediate Measures</p> <p>1) When immediate measures must be taken to avoid an imminent danger or risk of accident, the <i>Chief Building Official</i> may take such action as is appropriate, without prior notice and at the expense of the <i>owner</i>. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.
54.	<p>1A.6.2.3. Notice to Owner</p> <p>1) For the purpose of carrying out action specified in Articles 1A.6.2.1. and 1A.6.2.2. the <i>Chief Building Official</i> will make all reasonable attempts to notify the <i>owner</i> prior to the action.</p> <p>2) Where the seriousness of the situation will not allow sufficient time for prior notification, a letter of notification of action shall nevertheless be mailed to the <i>owner</i> as shown in the records of the Assessment Authority of British Columbia.</p>	No	Either no change or no substantial change from the 1999 VBBL.
55.	<p>1A.6.2.4. Recovery of City Costs</p> <p>1) The cost of the measures described in Articles 1A.6.2.1. and 1A.6.2.2. shall be recoverable from the <i>owner</i></p> <p>a) by summary process at law in any Court of competent jurisdiction, or</p> <p>b) when recommended by the <i>Chief Building Official</i> and if certified by the Director of Finance, an entry by the city Tax Collector in the real-property tax roll next prepared after the receipt of such certificate, and collection in the same manner as the taxes shown in the said roll.</p>	No	Either no change or no substantial change from the 1999 VBBL.
56.	<p>1A.6.3. Notices and Orders</p> <p>1A.6.3.1. Use of Notices and Orders</p> <p>1) Notices or orders pursuant to this By-law shall comply with this Section.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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57.	<p>1A.6.3.2. Contents of a Notice</p> <p>1) A notice shall state the nature of the contravention or deficiency and the date or phase of <i>construction</i> before which remedial measures shall be completed.</p>	No	Either no change or no substantial change from the 1999 VBBL.
58.	<p>1A.6.3.3. Serving a Notice</p> <p>1) A notice may be served upon the person listed as the <i>owner</i> in the records of the Assessment Authority of British Columbia by regular mail or in person.</p>	No	Either no change or no substantial change from the 1999 VBBL.
59.	<p>1A.6.3.4. Contents of an Order</p> <p>1) An order specifying a contravention of this By-law shall state that the <i>building</i>, structure or thing shall, prior to a specified phase of <i>construction</i> or within a specified period of time after the date of mailing or posting the order, be demolished, removed or brought to a standard specified by this By-law.</p> <p>2) Despite Sentence (1), an order to stop work, board up or cease <i>occupancy</i> shall state the nature of the contravention or <i>unsafe condition</i>, and shall order the immediate suspension of all or any portion of such <i>construction</i> or <i>occupancy</i> and rectification of the <i>unsafe condition</i> or both.</p>	No	Either no change or no substantial change from the 1999 VBBL.
60.	<p>1A.6.3.5. Serving an Order</p> <p>1) An order shall be sufficiently served if mailed by registered mail to the <i>owner</i> at the <i>owner's</i> address as it appears on the records of the Assessment Authority of British Columbia, and by posting a copy of said order on the said <i>building</i>, structure or thing.</p>	No	Either no change or no substantial change from the 1999 VBBL.
61.	<p>1A.6.3.6. Tampering with a Posted Notice or Order</p> <p>1) No person shall, unless authorized by the <i>Chief Building Official</i>, reverse, alter, deface, cover, remove or in any way tamper with any notice or order posted upon or affixed to any <i>building</i> pursuant to any provision of this By-law.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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62.	<p>Section 1A.7. Permits, Applications and Fees</p> <p>1A.7.1. Permits</p> <p>1A.7.1.1. When a Permit is Required</p> <p>1) A <i>permit</i> is required whenever work regulated by this By-Law is to be undertaken.</p>	No	Either no change or no substantial change from the 1999 VBBL.
63.	<p>1A.7.1.2. Additional Permits</p> <p>1) In addition to the <i>permits</i> required in Article 1A.7.1.1., <i>permits</i> with respect to building components and services, such as gas, and electricity, may be required by the <i>Chief Building Official</i>.</p>		
64.	<p>1A.7.2. Application for Permit</p> <p>1A.7.2.1. Owner Requirement</p> <p>1) To obtain a <i>permit</i>, the <i>owner</i> shall file an application in writing on the prescribed form.</p>	No	Either no change or no substantial change from the 1999 VBBL.
65.	<p>1A.7.2.2. Application Form</p> <p>1) Except as otherwise allowed by the <i>Chief Building Official</i> every application shall</p> <p>a) identify and describe in detail the work and <i>occupancy</i> to be covered by the <i>permit</i> for which an application is made,</p> <p>b) describe the land on which the work is to be done by a description that will readily identify and locate the <i>building</i> lot,</p> <p>c) include plans and specifications to standards conforming with Section 2.3., unless otherwise <i>accepted</i> by the <i>Chief Building Official</i>, and show the <i>occupancy</i> of all parts of the <i>building</i>,</p> <p>d) state the valuation of the proposed work and be accompanied by the required <i>permit</i> fee, and</p> <p>e) state the names, addresses and telephone numbers of the <i>owner</i>, <i>designers</i> and <i>constructors</i>.</p> <p>[See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.

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66.	<p>1A.7.2.3. Valuation for Permit</p> <p>1) The valuation to be shown on the application for the <i>permit</i> shall reflect the total current monetary worth of all <i>construction</i> or work related to the <i>building</i>, including interior finishes, roofing, electrical, plumbing, drains, heating, air-conditioning, fire extinguishing systems, elevators, and any other equipment or materials, including the use of hoisting or erection devices necessary for completion of the <i>construction</i>.</p> <p>2) In addition to Sentence (1), the valuation shall include the current monetary worth of all plans and specifications, labour and fees involved in the design, investigative testing, consulting services, <i>construction</i> labour and management, <i>contractor's</i> profit and overhead, sales taxes, and <i>construction</i> insurance, involved for the <i>building</i>.</p> <p>3) The current monetary worth, referred to in Sentences (1) and (2), shall include the value of all labour even if provided by the <i>owner</i>, or donated voluntarily by others, and the value of all materials, whether donated, recycled or used.</p> <p>4) The current monetary worth of all portions of the <i>building</i>, including its mechanical, electrical, plumbing, drainage and gas installations, shall also be included in the valuation for the <i>permit</i> application, despite the fact that other <i>permits</i> and fees may be required by another by-law or statute for the individual installations.</p>	No	Either no change or no substantial change from the 1999 VBBL.
67.	<p>1A.7.2.4. Alternate Means of Valuation</p> <p>1) Where Article 1A.6.1.11. is used to value the work, the <i>Chief Building Official</i> may use an appropriate method from the "Marshall Valuation Services" publication, including their updated "current cost multiplier" and "current multipliers for Vancouver regional costs", or such other universal source of calculating valuation as the <i>Chief Building Official</i> deems practical and expedient.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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68.	<p>1A.7.2.5. Fee Schedule</p> <p>1) <i>Permit</i> fees shall be calculated in accordance with the Fee Schedule to this By-Law, and the fees for <i>construction</i> without a <i>permit</i> are as outlined in Article 1A.7.9.1.</p>	No	Either no change or no substantial change from the 1999 VBBL.
69.	<p>1A.7.2.6. No Refund</p> <p>1) Except as permitted in Article 1A.7.2.7., no <i>permit</i> fees or part thereof paid to the city shall be refunded if</p> <p>a) <i>construction</i> authorized by a <i>permit</i> has commenced,</p> <p>b) the <i>permit</i> has expired pursuant to Article 1A.7.6.1., or</p> <p>c) the application has lapsed as outlined in Article 1A.7.2.8.</p>	No	Either no change or no substantial change from the 1999 VBBL.
70.	<p>1A.7.2.7. Partial Refund</p> <p>1) If <i>construction</i> which would require a <i>permit</i> by Subsection 1A.7.1. has not been commenced and the <i>Chief Building Official</i> approves, the Director of Finance may refund a portion of the fees paid to the city for either an application for a <i>permit</i>, or a <i>permit</i>, except that all costs owing to the city with respect to actions required by Article 1A.6.2.4. shall first be recovered.</p>	No	Either no change or no substantial change from the 1999 VBBL.
71.	<p>1A.7.2.8. Lapsed Application</p> <p>1) When an application for a <i>permit</i> has not been substantially completed in conformance with the requirements of this By-law within 6 months after the date of filing, or within 6 months of the last substantial activity with respect to the application, the application shall be deemed to have lapsed. [See Appendix A.]</p>	No	Either no change or no substantial change from the 1999 VBBL.

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72.	<p>1A.7.2.9. Renewed Application</p> <p>1) If the <i>Chief Building Official</i> is of the opinion that substantial completion of the requirements of an application for a <i>permit</i> has been prevented because of reasonable circumstances, the <i>Chief Building Official</i> may renew the application once only for a period of 6 months provided that no more than 3 months have passed since the date the application was deemed to have lapsed, subject to any applicable amendments to the By-law since the date of filing the application.</p>	No	Either no change or no substantial change from the 1999 VBBL.
73.	<p>1A.7.3. Applications for Staged Permits</p> <p>1A.7.3.1. Staged Permit</p> <p>1) A <i>permit</i> to construct a <i>building</i> in stages can only be applied for and obtained by a <i>Certified Professional</i> who shall make application to construct the entire <i>building</i> and shall file with the <i>Chief Building Official</i> complete plans and specifications for each portion of the work for which a staged <i>permit</i> is desired, as well as all other documentation required to be submitted pursuant to the Certification of Professionals By-law.</p>	No	Either no change or no substantial change from the 1999 VBBL.
74.	<p>1A.7.3.2. Owner's Risk</p> <p>1) Should a <i>permit</i> be issued for part of a <i>building</i>, the holder of such <i>permit</i> may proceed at the holder's own risk and without assurance that the <i>permit</i> for the entire <i>building</i> will be granted, on the express understanding that the site shall be restored by the <i>permit</i> holder to its original, but safe, state if the <i>permit</i> conditions cannot be met.</p>	No	Either no change or no substantial change from the 1999 VBBL.
75.	<p>1A.7.3.3. Modified Application Review For Certified Professional Program</p> <p>1) Where a <i>Certified Professional's</i> application is tendered with an acceptable submission for a <i>permit</i>, the <i>Chief Building Official</i> may issue a <i>permit</i> based upon a modified review of the submitted drawings, but subject to more detailed <i>field review</i> and follow-up responsibilities by the <i>Certified Professional</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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76.	<p>1A.7.3.4. Reduced Permit Fees For Certified Professional Program</p> <p>1) Where a <i>permit</i> is issued subject to Article 1A.7.3.3., the <i>Chief Building Official</i> may modify the fees for such <i>permit</i> where the quality of services provided by the <i>Certified Professional</i> will allow substantially reduced involvement of city staff.</p>	No	Either no change or no substantial change from the 1999 VBBL.
77.	<p>1A.7.4. Revisions</p> <p>1A.7.4.1. Revisions to Applications</p> <p>1) All revisions to the original application described in Article 1A.7.2.2. shall be made in the same manner as for the original <i>permit</i>.</p> <p>2) When application documents are either incomplete or changed to the extent that an additional plan review is necessary, an additional revision fee shall be charged as set out in the Fee Schedule.</p>	No	Either no change or no substantial change from the 1999 VBBL.
78.	<p>1A.7.4.2. Revisions to Permits</p> <p>1) When revisions are made to the original <i>permit</i> described in Article 1A.7.2.1, a revision fee shall be charged as set out in the Fee Schedule.</p>	No	Either no change or no substantial change from the 1999 VBBL.
79.	<p>1A.7.5. Extensions</p> <p>1A.7.5.1. Chief Building Official May Extend Permit</p> <p>1) If the <i>Chief Building Official</i> is of the opinion that substantial completion of the work has been prevented because of exceptional circumstances, the <i>Chief Building Official</i> may, with respect to a <i>permit</i> that has not expired and on the written request of the <i>owner</i> accompanied by the requisite extension fee, extend the <i>permit</i> once only provided that, in the meantime, no applicable amendments have been made to this By-law.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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80.	<p>1A.7.5.2. Council May Extend Permit</p> <p>1) Despite the fact that a <i>permit</i> has already been extended pursuant to Article 1A.7.5.1., Council may extend the <i>permit</i> for such further period or periods it deems appropriate and the <i>Chief Building Official</i>, upon payment of an extension fee, shall thereupon endorse the further extension or extensions on the <i>permit</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
81.	<p>1A.7.6. Expired Permits</p> <p>1A.7.6.1. When a Permit Expires</p> <p>1) Except as provided in Articles 1A.7.5.1. and 1A.7.5.2., a <i>permit</i> shall expire and the rights of the <i>owner</i> under the <i>permit</i> shall terminate if in the opinion of the <i>Chief Building Official</i></p> <p>a) the work authorized by the <i>permit</i> is not commenced within 6 months from the date of issue of the <i>permit</i>,</p> <p>b) the work although commenced is not continuously and actively carried out thereafter, or</p> <p>c) work has been substantially discontinued for a period of 6 months.</p>	No	Either no change or no substantial change from the 1999 VBBL.
82.	<p>1A.7.7. Permit for a Temporary Building</p> <p>1A.7.7.1. Definition of Temporary</p> <p>1) The word "temporary" when used in this Subsection means a period not exceeding twelve months.</p>	No	Either no change or no substantial change from the 1999 VBBL.
83.	<p>1A.7.7.2. Permit Required</p> <p>1) No person shall erect a temporary <i>building</i>, structure or shelter without a <i>permit</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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84.	<p>1A.7.7.3. Application Requirements</p> <p>1) The application for a temporary <i>building permit</i> shall be accompanied by</p> <ul style="list-style-type: none"> a) plans showing the location of the <i>building</i> on the site and all other existing <i>buildings</i> on the same property or on adjacent property to a distance of at least 10 feet of the property line, b) <i>construction</i> details of the <i>building</i>, c) a statement by the <i>owner</i> indicating the intended type of use and duration of such use, and d) a bond or certified cheque, or other <i>acceptable</i> security sufficient, in the opinion of <i>Chief Building Official</i>, to guarantee that the <i>building</i>, structure or shelter will be entirely removed and the site left in a safe and sanitary condition when the <i>permit</i> has expired. 	No	Either no change or no substantial change from the 1999 VBBL.
85.	<p>1A.7.7.4. Limited Time for Permit</p> <p>1) Despite anything contained elsewhere in this By-law, the <i>Chief Building Official</i> may issue a <i>permit</i> for a temporary <i>building</i> authorizing for a limited time only the erection and existence of the <i>building</i>, or part thereof, for an <i>occupancy</i> which because of its nature, will exist for a short time, under circumstances which warrant only selective compliance with this By-law.</p>	No	Either no change or no substantial change from the 1999 VBBL.
86.	<p>1A.7.7.5. Permit End Date</p> <p>1) A <i>permit</i> for a temporary <i>building</i> shall state the date after which and the conditions under which the <i>permit</i> is no longer valid.</p>	No	Either no change or no substantial change from the 1999 VBBL.
87.	<p>1A.7.7.6. Permit Extension</p> <p>1) A <i>permit</i> for a temporary <i>building</i> may only be extended if prior permission is granted by Council.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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88.	<p>1A.7.8. Tents and Air-Supported Structures 1A.7.8.1. Permit Required 1) Except where permitted by the <i>Chief Building Official</i>, a tent or <i>air-supported structure</i> shall not be erected unless a <i>permit</i> for a temporary <i>building</i> has been obtained.</p>	No	Either no change or no substantial change from the 1999 VBBL.
89.	<p>1A.7.8.2. Requirement for Occupancy 1) Before issuing an <i>occupancy permit</i> for a tent or <i>air-supported structure</i> the <i>Chief Building Official</i> shall be satisfied that the tent or structure complies with Subsection 3.1.6.</p>	No	Either no change or no substantial change from the 1999 VBBL.
90.	<p>1A.7.9. Construction Without a Permit 1A.7.9.1. Work Without Permit Fee 1) If any <i>construction</i> for which a <i>permit</i> is required by this By-law has been commenced before a <i>permit</i> has been issued by the <i>Chief Building Official</i>, the <i>owner</i> of the real property on which the <i>construction</i> has been or is being done, shall pay to the city, double the fee set out in the Fee Schedule or \$5000 plus the fee set out in the Fee Schedule, whichever is the lesser amount.</p>	No	Either no change or no substantial change from the 1999 VBBL.
91.	<p>1A.7.9.2. Independent Tests and Investigations 1) If <i>construction</i> has advanced to a stage where compliance with this By-law cannot be readily determined, the <i>Chief Building Official</i> may, prior to the issuance of a <i>building permit</i>, require tests and investigations by an independent agency, at the <i>owner's</i> cost, to prove compliance or to recommend remedial measures or both.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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92.	<p>1A.7.10 Necessity to Post Permit</p> <p>1A.7.10.1. Posting a Permit</p> <p>1) Every <i>owner</i> shall ensure that the <i>permit</i> authorizing the work, or a true copy of the <i>permit</i>, is posted conspicuously on the site or is affixed to a <i>building</i> during the entire execution of the work.</p>	No	Either no change or no substantial change from the 1999 VBBL.
93.	<p>1A.7.10.2. Tampering with a Posted Permit</p> <p>1) No person shall, unless authorized by the <i>Chief Building Official</i>, reverse, alter, deface, cover, remove or in any way tamper with a <i>permit</i> which has been posted on the site or affixed to a <i>building</i> pursuant to a provision of this By-law.</p>	No	Either no change or no substantial change from the 1999 VBBL.
94.	<p>Section 1A.8. Permission to Occupy Buildings</p> <p>1A.8.1. Scope</p> <p>1A.8.1.1. Exemptions for an Occupancy Permit</p> <p>1) Despite the requirements of Article 1A.8.3.1., an <i>occupancy permit</i> is not required for</p> <p>a) <i>one- or two-family dwellings</i>, or</p> <p>b) a change in the permitted <i>occupancy</i> within the same <i>major occupancy</i> provided the <i>occupant load</i> or the <i>fire load</i> is not increased and no <i>construction</i> has taken place.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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95.	<p>1A.8.2. General Occupancy permit Required</p> <p>1A.8.2.1. 1) Except as permitted in Article 1A.8.1.1., no person shall occupy or allow the <i>occupancy</i> of any <i>building</i>, or part thereof, or occupy any <i>building</i> for a purpose other than the permitted <i>occupancy</i>, unless the <i>owner</i> has obtained an <i>occupancy permit</i> from the <i>Chief Building Official</i>.</p> <p>2) A person shall not occupy or allow the <i>occupancy</i> of any <i>building</i> or part thereof in respect of which the <i>Chief Building Official</i> has issued an order to cease <i>occupancy</i> because of an <i>unsafe condition</i> until the <i>owner</i> has obtained a <i>re-occupancy permit</i> from the <i>Chief Building Official</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
96.	<p>1A.8.2.2. Partial Occupancy Permit</p> <p>1) The <i>Chief Building Official</i> may issue an <i>occupancy permit</i> for partial <i>occupancy</i> of a <i>building</i> if, in the opinion of <i>Chief Building Official</i>, such <i>occupancy</i> would not jeopardize life or property.</p> <p>2) The <i>permit</i> referred to in Sentence (1) shall apply only to an <i>occupancy</i> of a portion of a <i>building</i> under <i>construction</i>, and may be revoked as authorized by Article 1A.6.1.10. or for failure to comply with the <i>building permit</i> relating to that <i>building</i> or portion of the <i>building</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL
97.	<p>1A.8.2.3. Temporary Occupancy Permit</p> <p>1) The <i>Chief Building Official</i> may issue a temporary <i>occupancy permit</i> for a temporary use within an existing <i>building</i>, or for the limited use of a <i>building</i> approved according to Subsection 1A.7.7., or as otherwise provided in this By-law.</p>	No	Either no change or no substantial change from the 1999 VBBL.
98.	<p>1A.8.2.4. Display of Occupancy Permit</p> <p>1) Every <i>owner</i> shall permanently display the <i>occupancy permit</i> near the entrance of the <i>building</i>, or part thereof, for which such <i>permit</i> was issued.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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99.	1A.8.2.5. Posting of Lawful Use 1) The <i>Chief Building Official</i> may post in an appropriate place on any <i>building</i> not requiring an <i>occupancy permit</i> a notice which describes the uses to which the <i>building</i> may be lawfully put.	No	Either no change or no substantial change from the 1999 VBBL.
100.	1A.8.3. Occupancy Requirements 1A.8.3.1. Occupancy Permit 1) Every <i>owner</i> shall obtain an <i>occupancy permit</i> from the <i>Chief Building Official</i> prior to any a) <i>occupancy</i> of a <i>building</i> or part thereof after <i>construction</i> , partial demolition or <i>alteration</i> of that <i>building</i> , b) change in the major <i>occupancy</i> of any <i>building</i> or part thereof, or c) change in the permitted <i>occupancy</i> within the same Division of the major <i>occupancy</i> Group, where the <i>occupant load</i> or the <i>fire load</i> has increased. [See Appendix A.]	No	Either no change or no substantial change from the 1999 VBBL.
101.	1A.8.3.2. Notice of Occupancy or Change Prior to Occupancy 1) Every <i>owner</i> shall give notice in writing to the <i>Chief Building Official</i> a) immediately upon any change in <i>ownership</i> or change in the address of the <i>owner</i> which occurs prior to the issuance of an <i>occupancy permit</i> , and b) prior to occupying any portion of the <i>building</i> , even if it is to be occupied in stages.	No	Either no change or no substantial change from the 1999 VBBL.

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102.	<p>1A.8.3.3. No Unsafe Condition to Exist</p> <p>1) Should <i>occupancy</i> occur prior to the completion of any work being undertaken that requires a <i>permit</i>, every <i>owner</i> shall ensure that no <i>unsafe condition</i> exists or will exist because of the work being undertaken or not completed.</p>	No	Either no change or no substantial change from the 1999 VBBL.
103.	<p>1A.8.3.4. Re-occupancy Permit</p> <p>1) Every <i>owner</i> shall obtain a <i>re-occupancy permit</i> from the <i>Chief Building Official</i> prior to any <i>occupancy</i> of a <i>building</i> or part thereof in respect of which the <i>Chief Building Official</i> has issued an order to cease <i>occupancy</i> because of an <i>unsafe condition</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
104.	<p>1A.8.4. Application for an Occupancy</p> <p>1A.8.4.1. Building Data</p> <p>1) The requirements of Subsection 1A.7.2. do not apply to an application for an <i>occupancy permit</i> provided such application includes</p> <p>a) where no professional is required by Section 2.6., assurance by the <i>owner</i> that the <i>building</i> conforms to the <i>accepted</i> plans,</p> <p>b) where professional <i>field review</i> is required by Section 2.6., letters of assurance in the forms set out in Schedules C-A and C-B,</p> <p>c) the anticipated date of completion,</p> <p>d) classification of the <i>building</i> as to types of <i>occupancies</i>,</p> <p>e) number of <i>storeys</i> in the <i>building</i>,</p> <p>f) gross <i>floor area</i> of each <i>storey</i>,</p> <p>g) the allowable <i>live loads</i> for each <i>floor area</i>, and</p> <p>h) such other information as may be required to illustrate the essential features of the <i>building</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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105.	<p>1A.8.5. Supporting Documents Required</p> <p>1A.8.5.1. Construction and Life Safety Compliance</p> <p>1) Every <i>owner</i> shall, at least 24 hours prior to the inspection for an <i>occupancy permit</i>, submit to the <i>Chief Building Official</i> as support for the assurance required in Clause 1A.8.4.1.(1)(b)</p> <p>a) proof of compliance, for all materials, equipment or methods of <i>construction</i>,</p> <p>b) letters of assurance in the forms set out in Schedules C-A and C-B,</p> <p>c) a "<i>Contractor's Material and Test Certificate</i>", once the <i>sprinkler systems</i> have been flushed, inspected and tested to meet NFPA-13 standards,</p> <p>d) a "Certificate of Verification" (or equal) together with the manufacturer's "Inspection Report", after the components of all fire alarm systems incorporating annunciator panels, have been inspected and verified to meet the manufacturer's specifications and this By-law, and the whole system or applicable portion thereof, has been tested by the manufacturer,</p> <p>e) a "Fire Safety Plan" and "Record of Installed Fire Safety Systems", conforming to the Fire By-law, and</p> <p>f) pursuant to Sentence 2.3.2.1.(4), a letter of assurance from the Fire Protection Consultant, containing the results of a field review, that verifies that the special devices or methods forming part of the equivalency meet the intent of the <i>accepted</i> equivalency.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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106.	<p>1A.8.5.2. Fire Emergency Systems and Procedures</p> <p>1) The <i>owner</i> of every <i>building</i> shall have prepared and reproduced onto durable material</p> <p>a) the plan and record referred to in Clause 1A.8.5.1.(1)(c),</p> <p>b) a "Preventive Maintenance and Testing Schedule" supplement, designed for the ongoing operation and testing of the life and fire safety systems, and</p> <p>c) a "Maintenance Log Book", designed to list the ongoing tests carried out in connection with Clause (b).</p>	No	Either no change or no substantial change from the 1999 VBBL.
107.	<p>Section 1A.9. Street Regulations</p> <p>1A.9.1. Projections Over Streets</p> <p>1A.9.1.1. Encroachment Defined</p> <p>1) In this Section an encroachment means any part of a <i>building</i> or related appendage, projecting into the <i>street</i>, whether above, at or below ground level, and its total extent shall be the distance, measured at right angles from a vertical plane through the city property line (<i>street</i> line), to the outermost point of the projection.</p>	No	Either no change or no substantial change from the 1999 VBBL.
108.	<p>1A.9.1.2. General</p> <p>1) No part of any <i>building</i> or appendage thereto shall project into a <i>street</i>, whether above or below the ground level except for</p> <p>a) signs conforming with the Sign By-law, and</p> <p>b) features otherwise provided for by this Section or the Encroachment By-law.</p>	No	Either no change or no substantial change from the 1999 VBBL.
109.	<p>1A.9.1.3. Encroachment Maintenance</p> <p>1) All permitted encroachments shall be kept in proper repair and otherwise maintained by the <i>owner</i> of the <i>building</i>, in a condition satisfactory to the <i>Chief Building Official</i> and the <i>City Engineer</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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110.	<p>1A.9.1.4. Encroachment Prohibited</p> <ol style="list-style-type: none"> 1) No encroachment shall be permitted if it interferes with a) a public utility pole, its apparatus or conductor system, b) fire fighting or fire rescue work, or c) a lamp standard or any <i>street</i> furniture authorized or permitted by the <i>City Engineer</i>. 	No	Either no change or no substantial change from the 1999 VBBL.
111.	<p>1A.9.2. Encroachments</p> <p>1A.9.2.1. Existing Encroachments</p> <ol style="list-style-type: none"> 1) Subject to Subsection 1A.9.4., existing <i>buildings</i> or appendages which project beyond the <i>street</i> line, and which are subject to a prior valid Encroachment Agreement with the city, may be maintained without <i>alteration</i>. 	No	Either no change or no substantial change from the 1999 VBBL.

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112.	<p>1A.9.2.2. Altered Existing Encroachments</p> <p>1) A lawful existing encroachment, that is not in conformance with this Section, may be continued provided</p> <ul style="list-style-type: none"> a) the encroachment remains lawful, b) the encroachment is not altered except to comply with this By-law, c) the encroachment, if inadvertently destroyed by more than 50% of its current replacement <i>cost</i>, is reconstructed to comply with this By-law, d) the encroachment, if moved for any reason, is thereupon altered to comply with this By-law, and e) where such encroachment is required by the city to be altered as a result of Subsection 1A.9.4., such <i>alteration</i> conforms with the terms of the Subsection. <p>2) Except for signs which conform to the Sign By-law, any enlargement or substantial <i>alteration</i> of an existing encroachment shall constitute a new encroachment and shall</p> <ul style="list-style-type: none"> a) comply with the Encroachment By-law, and b) comply with the requirements of this Section. 	No	Either no change or no substantial change from the 1999 VBBL.
113.	<p>1A.9.2.3. Sign Encroachment</p> <p>1) A sign which conforms to this Section and the Sign By-law may encroach into a <i>street</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
114.	<p>1A.9.2.4. Door Swing Encroachment</p> <p>1) Entrance doors or other moveable barriers, whether in the open or closed positions, are not permitted to be an encroachment, except as provided in Subsection 1A.9.10.</p>	No	Either no change or no substantial change from the 1999 VBBL.

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115.	<p>1A.9.3 Permitted New Encroachments</p> <p>1A.9.3.1. General</p> <p>1) The requirements in this Subsection apply to new encroachments and alterations to existing encroachments.</p>	No	Either no change or no substantial change from the 1999 VBBL.
116.	<p>1A.9.3.2. Dimensions and Clearances</p> <p>1) Unless restricted by other provisions of this By-law, all new encroachments shall comply with the <i>construction</i>, clearance and dimension requirements of Subsections 1A.9.5. to 1A.9.10.</p>	No	Either no change or no substantial change from the 1999 VBBL.
117.	<p>1A.9.3.3. Removal of Encroachments</p> <p>1) A part of a structure permitted as an encroachment into a <i>street</i> shall be constructed so that the removal of the encroachment may be made without causing the <i>building</i> to become structurally unsafe and without compromising the integrity of <i>fire separations</i> and protection from the weather.</p>	No	Either no change or no substantial change from the 1999 VBBL.
118.	<p>1A.9.3.4. Agreement for New Encroachments</p> <p>1) Despite Article 1A.9.1.4. and except for signs, all new encroachments shall</p> <p>a) comply with the Encroachment By-law, and</p> <p>b) comply with the requirements of this Section.</p>	No	Either no change or no substantial change from the 1999 VBBL.
119.	<p>1A.9.3.5. Encroachments Over Narrow Streets</p> <p>1) Unless permitted by this Section or by resolution of Council, there shall be no new encroachment of a <i>building</i> or part of a <i>building</i> into any <i>street</i> 10 m or less in width.</p>	No	Either no change or no substantial change from the 1999 VBBL have also been moved to this new section.

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120.	1A.9.3.6. Refusal 1) The <i>Chief Building Official</i> may refuse to issue a <i>permit</i> for <i>construction</i> which includes an encroachment related to a <i>building</i> if such encroachment does not conform with the Encroachment By-law.	No	Either no change or no substantial change from the 1999 VBBL.
121.	1A.9.4. Removal and Rehabilitation Required by the city 1A.9.4.1. Removal 1) The <i>owner</i> of land from which any <i>building</i> or part of a <i>building</i> encroaches into a <i>street</i> shall repair, alter or remove such encroachment when required by the <i>City Engineer</i> in accordance with the provisions of the Encroachment By-law.	No	Either no change or no substantial change from the 1999 VBBL.
122.	1A.9.4.2. Rehabilitation After Removal 1) When any encroachment is removed, the <i>owner</i> shall a) fill all excavations with compacted soil and restore the sidewalk, <i>street</i> and ground surrounding the encroachment to the same condition as the adjacent area and to the satisfaction of the <i>City Engineer</i> , and b) finish the exterior of the <i>building</i> so that the integrity of all structural systems, <i>fire separations</i> and protection from the weather is maintained to the satisfaction the <i>Chief Building Official</i> .	No	Either no change or no substantial change from the 1999 VBBL.
123.	1A.9.5. Areaway Construction 1A.9.5.1. Areaway Defined 1) In this Subsection an areaway means an underground <i>building</i> or structure which encroaches into public property and serves an adjacent <i>building</i> to which the areaway may or may not be attached.	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
124.	<p>1A.9.5.2. Areaway Approval</p> <p>1) The <i>Chief Building Official</i> shall refuse to issue a <i>permit</i> for an areaway unless the areaway has been approved by the <i>City Engineer</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
125.	<p>1A.9.5.3. Structural Integrity</p> <p>1) All areaways shall be constructed to the satisfaction of the <i>City Engineer</i> with sufficient reinforced concrete walls and roofs to retain the surface of the <i>street</i> and its superimposed <i>live loads</i> and surcharges.</p>	No	Either no change or no substantial change from the 1999 VBBL.
126.	<p>1A.9.5.4. Surface Construction</p> <p>1) Areaways having all or a portion of its structure exposed at the sidewalk surface shall</p> <p>a) be constructed of <i>noncombustible</i> materials,</p> <p>b) be provided with solid non-slip surfaces, and</p> <p>c) not extend above the <i>street</i> or sidewalk surface.</p>	No	Either no change or no substantial change from the 1999 VBBL.
127.	<p>1A.9.6. Cornices and Ornamentation</p> <p>1A.9.6.1. Cornice Defined</p> <p>1) In this Subsection, a cornice means the ornamental molding projecting horizontally at the top of a wall or column, and usually concealing the gutter.</p> <p>2) On short over-hanging roofs the decorative structural brackets which support the roof decking and gutter also constitute a cornice.</p>	No	Either no change or no substantial change from the 1999 VBBL.
128.	<p>1A.9.6.2. Coping Defined</p> <p>1) In this Subsection, a coping means the top protective layer of a wall or chimney, exposed to the weather, usually constructed of brick, stone or metal, and designed to shed water away from the wall face immediately adjacent to and under the coping.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
129.	<p>1A.9.6.3. Construction</p> <p>1) Except as permitted in Sentence (3), all cornices, belt courses and other minor architectural trim such as water tables, copings, column capitals and bases, including their connections and supports which project beyond the wall face of a <i>building</i>, shall be constructed of <i>noncombustible</i> materials, and if constructed of metal, shall be not less than 0.56 mm in thickness.</p> <p>2) The principal cornice or roof eave at or near the top of a wall shall conform to Sentence (1) and Article 1A.9.6.4.</p> <p>3) Where the roof <i>construction</i> is permitted to be of wood, the <i>Chief Building Official</i> may also <i>permit</i> the cornice to be of wood provided</p> <p>a) the cornice consists only of roof members cantilevered over the <i>street</i> and is covered only on the top side with roof deck, and</p> <p>b) the underside of the cornice is left exposed, with no boxed-in soffit.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
130.	<p>1A.9.6.4. Projections</p> <p>1) Where a <i>street</i> is at least 10 m wide, cornices, belt courses and other architectural trim such as water tables, lintels, window and door sills, copings and pediments may project over a <i>street</i></p> <p>a) not more than 75 mm where the distance from the lowest point of the projection to the <i>street</i> level immediately below is less than 2.75 m, and</p> <p>b) not more than 915 mm where the distance from the lowest point of the projection to the <i>street</i> level immediately below is 2.75 m or more.</p> <p>2) Where a <i>street</i> is less than 10 m wide, the architectural features referred to in Sentence (1) may only project over the <i>street</i> provided the distance from the lowest point of the projection to the <i>street</i> level immediately below is not less than 4.5 m, and provided the projection does not interfere with overhead public utilities.</p> <p>3) Despite Sentences (1) and (2), no projection permitted under this Article shall exceed 915 mm.</p> <p>4) Oriel or bay windows shall not project into the <i>street</i> except that alterations may be made to such existing windows provided they project not more than 600 mm beyond the <i>street</i> line, they are not less than 4.5 m above the <i>street</i>, and the <i>street</i> on which the projection fronts is not less than 10 m in width.</p>	No	Either no change or no substantial change from the 1999 VBBL.
131.	<p>1A.9.7. Awning and Marquee Construction</p> <p>1A.9.7.1. Awning Defined</p> <p>1) In this Subsection, an awning means a light detachable structure of fabric, sheet metal or other relatively flexible material entirely supported from the <i>building</i> by a fixed or retractable frame to offer shelter from the sun or rain.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
132.	<p>1A.9.7.2. Marquee Defined</p> <p>1) In this Subsection, a marquee means a light, detachable structure, similar to an awning, which is made of fabric, sheet metal or other relatively flexible material, and which is supported entirely or partially from the ground.</p>	No	Either no change or no substantial change from the 1999 VBBL.
133.	<p>1A.9.7.3. Attachments</p> <p>1) No electrical wiring, illuminated device, electrical equipment or apparatus shall be attached to or be incorporated in an awning or marquee except that drive mechanisms required for the operation of collapsible awnings and attachments to the structural frame may be permitted where approved by the <i>Chief Building Official</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
134.	<p>1A.9.7.4. Structural Design</p> <p>1) Awnings and marquees structural framing members and their connections to the supporting structure shall be designed in conformance with Part 4 of Division B.</p> <p>2) All structural components of awnings and marquees shall be <i>noncombustible</i> or aluminum.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
135.	<p>1A.9.7.5. Clearances</p> <p>1) The horizontal clearance between any projections or support of an awning or marquee shall be not less than 600 mm from the outer face of any roadway curb.</p> <p>2) Except where constructed entirely of <i>noncombustible</i> materials or where protected in an acceptable manner, awnings and marquees shall be located not less than 600 mm to the adjoining property lines or to the projection of such property lines into the <i>street</i>.</p> <p>3) No portion of an awning or marquee shall be less than 2.75 m above the level of the public sidewalk or established grade, except that where the sidewalk or established grade below the awning or marquee slopes more than 0.1 m over the length of the awning or marquee, the clearance may be not less than 2.6 m and any soft fringe associated with it, when made of canvas, cloth or other similar material, may have a clearance of not less than 2.3 m.</p>	No	Either no change or no substantial change from the 1999 VBBL.
136.	<p>1A.9.7.6. Combustible Material Requirements</p> <p>1) Where <i>combustible</i> textiles are used, awnings and marquees shall be flameproofed to conform to the appropriate requirements for resistance to fire set out in ULC-S109, "Standard for Flame tests of Flame-Resistant Fabrics and Films".</p> <p>2) No <i>combustible</i> textiles shall be used on an awning which is above the second <i>storey</i> of a <i>building</i> and which is attached to an exterior wall required to be of <i>noncombustible construction</i>.</p> <p>3) Marquees, except for those covering only doorways, which are fabricated from tent-like materials shall comply with the requirements of Subsection 3.1.6., including spatial separation from <i>buildings</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
137.	<p>1A.9.7.7. Vertical Height</p> <p>1) Except as otherwise <i>accepted</i> by the <i>Chief Building Official</i>, the vertical dimension of the front and sides of an awning or marquee shall not exceed 3.65 m at any point, and shall not span <i>unprotected openings</i> in separate <i>fire compartments</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
138.	<p>1A.9.8 Canopy Construction</p> <p>1A.9.8.1. Canopy Defined</p> <p>1) In this Subsection, a canopy means a rigid, roof-like structure supported from the <i>building</i>, which may be below the level of the main roof line of the <i>building</i> and projecting beyond the <i>building</i> face to provide protection from the sun or rain.</p>	No	Either no change or no substantial change from the 1999 VBBL.
139.	<p>1A.9.8.2. Material Requirements</p> <p>1) Except as permitted in Sentence 1A.9.8.4.(2), all canopies shall be</p> <ul style="list-style-type: none"> a) constructed of <i>noncombustible</i> materials, unless the <i>building</i> or its exterior wall is permitted to be of <i>combustible construction</i>, b) supported entirely from the <i>building</i>, and c) constructed so that their removal can conform to Sentence 1A.9.3.3.(1). <p>2) The deck or roof of every canopy shall be constructed of</p> <ul style="list-style-type: none"> a) wired or laminated safety glass, b) metal not less than 0.56 mm in thickness, or c) where permitted in Sentence (1), of wood plank not less than 60 mm in thickness, covered on the top and on the soffit with metal or other <i>noncombustible</i> material, and constructed and fire stopped to the satisfaction of the <i>Chief Building Official</i>. 	No	Either no change or no substantial change from the 1999 VBBL.

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140.	1A.9.8.3. Structural Design 1) All canopies and their connections to the supporting structure shall be designed in conformance with Part 4 of Division B.	No	Either no change or no substantial change from the 1999 VBBL.
141.	1A.9.8.4. Clearances 1) The vertical distance from the soffit or underside of a canopy and the sidewalk shall be not less than 2.75 m, and the horizontal distance from the canopy to the outer face of the sidewalk curb shall be not less than 60 mm, except that where the distance from the soffit or underside of the canopy to the sidewalk exceeds 3.65 m, the canopy is permitted to extend to the outer face of the curb. 2) Except where constructed entirely of <i>noncombustible</i> materials or where protected in an acceptable manner, canopies shall be not less than 600 mm from an adjoining property line or the projection thereof into the <i>street</i> .	No	Either no change or no substantial change from the 1999 VBBL.
142.	1A.9.8.5. Vertical Height 1) Except where otherwise <i>accepted</i> by the <i>Chief Building Official</i> , the vertical dimension of the front and sides of a canopy shall not exceed 3.65 m at any point and the canopy shall not span <i>unprotected openings</i> in separate <i>fire compartments</i> .	No	Either no change or no substantial change from the 1999 VBBL.
143.	1A.9.8.6. Canopy Drainage 1) Except where otherwise allowed by the <i>City Engineer</i> , a canopy roof shall be provided with a drainage system conforming to Part 7 of Division B and shall drain to the <i>building</i> drain system. 2) Required downpipes for canopies, if acceptable, may project not more than 75 mm into the <i>street</i> .	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
144.	<p>1A.9.8.7. Existing Canopy</p> <p>1) The <i>City Engineer</i> may allow an existing canopy to remain if, in the judgment of the <i>City Engineer</i>, it will not endanger or interfere with traffic, utilities or city works.</p>	No	Either no change or no substantial change from the 1999 VBBL.
145.	<p>1A.9.9. Projecting Mechanical Apparatus</p> <p>1A.9.9.1. Limited Encroachment</p> <p>1) Exterior hose connections for fire-fighting equipment, ventilation intakes and outlets, chimneys and air conditioners shall not project into the <i>street</i> unless specifically allowed by the <i>City Engineer</i>.</p> <p>2) A fire alarm bell or gong may project up to 300 mm over a <i>street</i> but not less than 2.60 m above the sidewalk level or established <i>building</i> grade.</p>	No	Either no change or no substantial change from the 1999 VBBL.
146.	<p>1A.9.10. Emergency Exits</p> <p>1A.9.10.1. Stairways and Fire Escapes</p> <p>1) Stairways and balconies for fire escapes, where permitted by the <i>Chief Building Official</i> and where located on a wall abutting or fronting on a <i>street</i>, may project into the <i>street</i> a distance not exceeding 1.2 m provided the lowest part of the stairway or balcony, including its brackets or supports, is not less than 4.5 m above the <i>street</i> grade.</p>	No	Either no change or no substantial change from the 1999 VBBL.
147.	<p>1A.9.10.2. Emergency Exit Doors</p> <p>1) Emergency exit doors which are designed, to the satisfaction of the <i>City Engineer</i>, with the intention of reducing normal pedestrian and vehicular traffic hazards may project not more than 300 mm into a <i>street</i> which is not less than 10 m in width.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
148.	<p>Section 1A.10 Temporary Occupancy of a Street for Construction Purposes</p> <p>1A.10.1. General Requirements</p> <p>1A.10.1.1. Permit Required</p> <p>1) A person wanting to temporarily occupy a <i>street</i>, or part thereof, or occupy the air space above a <i>street</i> or part thereof, in connection with, or incidental to the <i>construction</i> or maintenance of any <i>building</i>, shall make application for a <i>permit</i> for temporary <i>occupancy</i> to the <i>Chief Building Official</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
149.	<p>1A.10.1.2. Liability Disclaimer</p> <p>1) An application for the temporary <i>occupancy</i> of a <i>street</i> for the purpose described in Article 1A.10.1.1. shall contain, in a form satisfactory to the Director of Legal Services, an undertaking of the <i>owner</i> to save harmless the city against all claims, liabilities, judgments, costs and expenses in consequence of, or in any way incidental to the granting of such <i>occupancy</i>.</p>	No	Either no change or no substantial change from the 1999 VBBL.
150.	<p>1A.10.1.3. No Occupancy Without Permit</p> <p>1) No person shall occupy any <i>street</i> or part thereof for the <i>construction</i> or maintenance of any <i>building</i> without a <i>permit</i> issued by the <i>Chief Building Official</i>.</p> <p>2) The fees payable for the issuance of a <i>street occupancy permit</i> shall be as set out in the Fee Schedule.</p>	No	Either no change or no substantial change from the 1999 VBBL.
151.	<p>1A.10.1.4. Occupancy Restriction</p> <p>1) The <i>Chief Building Official</i> shall not authorize the <i>occupancy</i> of any part of a <i>street</i>, or the air space above a <i>street</i>, which is more than 6 m from a property line.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
152.	1A.10.2. Overhead Construction 1A.10.2.1. Permit Required 1) The <i>occupancy</i> of the air space above a <i>street</i> by a swing scaffold or <i>construction</i> hoisting device shall be subject to the requirements of Subsection 1A.10.1.	No	Either no change or no substantial change from the 1999 VBBL.
153.	1A.10.2.2. Prevention of Public Entry 1) The <i>street</i> under such swing scaffold or <i>construction</i> hoisting device shall be fenced, roped off or otherwise protected against public entry in a manner approved by the <i>Chief Building Official</i> .	No	Either no change or no substantial change from the 1999 VBBL.
154.	1A.10.3. Public Safety 1A.10.3.1. Public Protection Required 1) No person shall construct, alter or repair any <i>building</i> unless a fence or covered way as required in Part 8 of Division B for the safety of the public has been first erected to the satisfaction of the <i>Chief Building Official</i> . 2) The <i>Chief Building Official</i> may modify the requirements of Sentence (1) when satisfied that the location of the <i>construction</i> is sufficiently protected or remote from public areas.	No	Either no change or no substantial change from the 1999 VBBL.
155.	1A.10.3.2. Barricade Permit Required 1) If the barricades described in Sentence 1A.10.3.1.(1) are to occupy part of the <i>street</i> , the requirements for a <i>permit</i> in Subsection 1A.10.1. shall apply.	No	Either no change or no substantial change from the 1999 VBBL.
156.	Section 1A.11. Excavation and Backfilling Adjacent to Streets and Lanes 1A.11.1. General 1A.11.1.1. Work to Conform 1) In addition to the regulations contained in Part 8 of Division B, all excavation and backfilling work shall conform to the requirements of this Section.	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
157.	<p>1A.11.1.2. Dangerous Condition</p> <p>1) Where the <i>City Engineer</i> determines that the existence or condition of an excavation constitutes a danger to any <i>street</i>, public utilities or surrounding property or to any person, the <i>Chief Building Official</i> may take action as described in Article 1A.6.1.15. and Subsection 1A.6.2.</p>	No	Either no change or no substantial change from the 1999 VBBL.
158.	<p>1A.11.1.3. Permit Required</p> <p>1) Every <i>owner</i>, <i>owner's</i> agent or <i>contractor</i> shall obtain a <i>permit</i> from the <i>City Engineer</i> prior to excavating or backfilling any portion of a <i>street</i> or lane adjacent to the <i>building</i> site.</p>	No	Either no change or no substantial change from the 1999 VBBL.
159.	<p>1A.11.1.4. Work Without Permit and Failure to Complete Work</p> <p>1) Where an <i>owner</i>, <i>owner's</i> agent or <i>contractor</i> fails or refuses to obtain the <i>permit</i> required in Article 1A.11.1.3. or fails to comply with the requirements of the <i>permit</i>, the <i>City Engineer</i> may cause necessary backfilling or other remedial work to be done by city staff at the <i>owner's</i> expense, with the resulting costs recovered as described in Article 1A.6.1.15. and Subsection 1A.6.2.</p>	No	Either no change or no substantial change from the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
160.	<p>Section 1A.12. Numbering of Buildings and Parcels of Land</p> <p>1A.12.1. General Authority to Number</p> <p>1A.12.1.1. The <i>Chief Building Official</i> may, at any time and as deemed necessary, number, renumber or assign a series of numbers or <i>suite</i> numbers to any <i>building</i>, or part thereof.</p> <p>2) Upon the issuance of a <i>building permit</i>, the <i>Chief Building Official</i> shall designate the <i>street</i> number or series of numbers and <i>suite</i> numbers required for the <i>building</i>, or any portion of the <i>building</i>.</p> <p>3) Upon the registration of a parcel of land in the Land Title Office, the <i>Chief Building Official</i> shall designate the <i>street</i> number or series of numbers required for the parcel.</p> <p>4) Only designated <i>street</i> numbers or <i>suite</i> numbers required by Sentence (2) shall be posted on the <i>building</i> or <i>suite</i> entry.</p>	Yes	<p>Numbering of parcels of land and suites was not covered by the 1999 VBBL.</p> <p>New Sentences (3) and (4) have been added to the proposed 2007 VBBL.</p>

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes												
161.	<p>1A.12.1.2. Numbers to be Visible</p> <p>1) Every <i>owner</i> shall place and maintain the designated <i>street</i> number, on a contrasting background and of a size in conformance with Table 1A.12.1.2., on the <i>building</i> in a place that is easily visible from the <i>street</i>.</p> <p style="text-align: center;">Table 1A.12.1.2 Forming Part of Sentence 1A.12.12(1)</p> <table border="1"> <thead> <tr> <th><i>Building Setback from Street</i></th> <th>Minimum Non-illuminated Character Size</th> <th>Minimum Illuminated Character Size</th> </tr> </thead> <tbody> <tr> <td>0 - 15 m</td> <td>100 mm</td> <td>80 mm</td> </tr> <tr> <td>15 - 20 m</td> <td>150 mm</td> <td>100 mm</td> </tr> <tr> <td>Greater than 20 m</td> <td>200 mm</td> <td>150 mm</td> </tr> </tbody> </table> <p>2) Where landscaping or other structures obscure the visibility of a <i>building</i> from the <i>street</i>, the <i>owner</i> shall erect on the <i>building</i> property within sight of the <i>street</i>, a sign not exceeding 0.4 m² displaying the <i>street</i> number.</p> <p>3) Every <i>owner</i> shall place and maintain the designated <i>suite</i> number as required in Sentence 1A.12.2.5.(1) on a contrasting background and of a character size of not less than 25 mm at the <i>suite</i> entry. (See also Article 3.8.3.13. of Division B for design requirements for persons with a visual impairment.)</p> <p>4) If a <i>suite</i> number is assigned to an exterior principal <i>suite</i> entry as required in Sentence 1A.12.2.8.(2), every <i>owner</i> shall place and maintain the designated <i>suite</i> number in conformance with Sentences (1) and (2).</p>	<i>Building Setback from Street</i>	Minimum Non-illuminated Character Size	Minimum Illuminated Character Size	0 - 15 m	100 mm	80 mm	15 - 20 m	150 mm	100 mm	Greater than 20 m	200 mm	150 mm	Yes	No change to Sentences (1) and (2). New Sentences (3) and (4) have been added to the proposed 2007 VBBL. These new sentences are to address the minimum character size for suite number.
<i>Building Setback from Street</i>	Minimum Non-illuminated Character Size	Minimum Illuminated Character Size													
0 - 15 m	100 mm	80 mm													
15 - 20 m	150 mm	100 mm													
Greater than 20 m	200 mm	150 mm													
162.	<p>1A.12.1.3. Renumbering</p> <p>1) Where an <i>owner</i> has requested a renumbering and has paid the applicable fees set out in the Fee Schedule, the <i>Chief Building Official</i> may renumber any <i>building, suite</i> within a <i>building, or parcel</i> of land.</p>	Yes	Minor editorial changes only. Parcel of land has been added in the proposed 2007 VBBL.												

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
163.	1A.12.2. Numbering System 1A.12.2.1. East and West Designation 1) Numbers shall run in series, increasing in numeric value in a westerly direction from the west side of Ontario Street and Carrall Street and increasing in numeric value in an easterly direction from the east side of Ontario Street and Carrall Street.	Yes	Minor editorial changes only.
164.	1A.12.2.2. North and South Designation 1) Numbers shall run in series, increasing in numeric value in a northerly direction from the north side of Dundas Street and increasing in numeric value in a southerly direction from the south side of Dundas Street.	Yes	Minor editorial changes only.
165.	1A.12.2.3. East and West Street Numbering 1) <i>Buildings</i> on the north side of <i>streets</i> running in an east or west direction, shall have odd numbers, and <i>buildings</i> on the south side of such <i>streets</i> shall have even numbers.	No	Either no change or no substantial change from the 1999 VBBL.
166.	1A.12.2.4. North and South Street Numbering 1) <i>Buildings</i> on the west side of <i>streets</i> running in a north or south direction shall have odd numbers, and <i>buildings</i> on the east side of such <i>streets</i> shall have even numbers.	No	Either no change or no substantial change from the 1999 VBBL.
167.	1A.12.2.5. Multiple Suite Numbering 1) Where a <i>building</i> contains multiple addressable <i>suites</i> , numbering on <i>floor areas</i> , within the <i>building</i> , shall be assigned in an increasing numeric order and in a clockwise manner.	Yes	Minor editorial changes only.

Item #	Proposed Revision to 2006 BCBC	Change from 1999 VBBL	Notes
168.	<p>Add the following Articles after Sentence 1A.12.2.5.(1).:</p> <p>1A.12.2.6. Numeric Designation 1) Numbering for <i>buildings, suites</i> within a <i>building</i> or parcels of land shall be numeric.</p> <p>1A.12.2.7. Principal Buildings 1) Every principal <i>building</i> on a site shall be assigned a separate <i>street</i> number.</p> <p>1A.12.2.8. Exterior Principal Suite Entry 1) Every <i>suite</i> with an exterior principal entry shall be assigned a separate <i>street</i> number. 2) Where sufficient <i>street</i> numbers are not available, a <i>suite</i> number shall be assigned.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>	<p>This is a new article to prohibit the use of alphabetic designation.</p> <p>This is a new article to address principal building addressing requirement.</p> <p>This is a new article to address exterior principal suite entry addressing requirements.</p>

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Unique to Vancouver Requirements

Division C – Part 1B

(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
1.	Add a new Part 1B – titled “Administration – Plumbing” after Part 1A.	No	No change from the 1999 VBBL other than moving Part 1B to Division C of new VBBL.
2.	Insert the following into Part 1B: Part 1B Administration — Plumbing Section 1B.1. Plumbing Systems and Sprinkler Systems 1B.1.1. Responsibilities 1B.1.1.1. Duties of the Plumbing Inspector 1) The <i>Plumbing Inspector</i> shall examine and review for acceptance plans and specifications for <i>plumbing system</i> and <i>sprinkler system permits</i> . 2) The <i>Plumbing Inspector</i> shall make inspections for every <i>plumbing system</i> and <i>sprinkler system</i> as are required by this By-law.	No	No change from the 1999 VBBL other than moving Part 1B to Division C of new VBBL.
3.	1B.1.1.2. Authority of Plumbing Inspector 1) The <i>Plumbing Inspector</i> , if of the opinion that the <i>plumbing system</i> , or any part of it, in any <i>building</i> is defective, unsanitary or inadequate, may notify the <i>owner</i> or occupant thereof of such condition and may order that such <i>plumbing system</i> , or part thereof, be placed in a proper, safe and sanitary condition. 2) The <i>Plumbing Inspector</i> , if of the opinion that the <i>plumbing system</i> , or any part of it, in any <i>building</i> may have become dangerous or defective on account of the settlement of the <i>building</i> or through abuse, accident or for any other cause whatsoever, may order the <i>owner</i> or occupant thereof to conduct a smoke test on the waste and <i>vent pipes</i> of the <i>building</i> to ascertain whether any dangerous or defective condition exists.	No	No change from the 1999 VBBL other than moving Part 1B to Division C of new VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
4.	<p>1B.1.1.3. Powers of the Plumbing Inspector</p> <p>1) Where, in any <i>building</i> or associated site, it is desired to install special <i>fixtures</i>, machines or appliances for which no provision has been made in this By-law, the <i>Plumbing Inspector</i> may issue a <i>permit</i> for the installation of such items if in the opinion of the <i>Plumbing Inspector</i> their installation does not disturb or interfere with the existing <i>plumbing system</i> in the <i>building</i> or associated site.</p> <p>2) Where, in or on any <i>existing building</i> or associated site, physical conditions make it necessary to deviate from any provision of this By-law, the <i>Plumbing Inspector</i> may allow such variations which in the opinion of the <i>Plumbing Inspector</i> are necessary, provided the <i>owner</i> of the <i>building</i> gives to the <i>Plumbing Inspector</i> a statement documenting the facts of the deviation and stating that the <i>owner</i> has accepted full responsibility for them.</p>	No	No change from the 1999 VBBL other than moving Part 1B to Division C of new VBBL.
5.	<p>1B.1.2. Permits</p> <p>1B.1.2.1. When Permits Required</p> <p>1) Except as provided in Sentence (2), no person shall construct, extend, alter, renew or repair a <i>plumbing system</i> or <i>sprinkler system</i>, or any part of either, prior to obtaining a <i>permit</i>.</p> <p>2) A <i>permit</i> is not required when a valve, faucet, <i>fixture</i>, <i>fixture outlet pipe</i>, or <i>service water heater</i> is repaired or replaced, a stoppage is cleared or a leak is repaired provided no change to the other piping is required.</p>	No	No change from the 1999 VBBL other than moving Part 1B to Division C of new VBBL.
6.	<p>1B.1.2.2. Application</p> <p>1) An application for a <i>plumbing system permit</i> or a <i>sprinkler system permit</i> shall be made in writing on the form provided for that purpose and shall be accompanied by the required fee as set out in the Fee Schedule.</p>	No	No change from the 1999 VBBL other than moving Part 1B to Division C of new VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
7.	<p>1B.1.2.3. Granting of Permits</p> <p>1) Except as provided in Sentences (2), (3) and (4), only a <i>plumbing contractor</i> may be granted a <i>permit</i> to do plumbing work pursuant to Article 1B.1.2.1.</p> <p>2) A person who is a licensed <i>contractor</i> may be granted a <i>permit</i> for the installation of <i>sewers, sumps, catch basins</i> and water lines outside of <i>buildings</i>, or a <i>permit</i> for the installation of backflow devices or similar protection devices inside a <i>building</i>.</p> <p>3) An <i>owner</i> may be granted a <i>permit</i> to do plumbing work on a <i>one-family dwelling</i> which is owned and occupied or intended to be occupied by the <i>owner</i> provided the <i>Plumbing Inspector</i> is satisfied that the <i>owner</i> has the ability to adequately perform the work.</p> <p>4) Only a <i>sprinkler contractor</i> may be granted a <i>permit</i> to install a <i>sprinkler system</i> in a <i>building</i>.</p>	No	No change from the 1999 VBBL other than moving Part 1B to Division C of new VBBL.
8.	<p>1B.1.2.4. Alterations Permit</p> <p>1) If at any time during the installation, alteration or repair of a <i>plumbing system</i> it is necessary to deviate from the <i>permit</i> requirements, approval for such deviation shall first be obtained from the <i>Plumbing Inspector</i>, and where such deviation involves the installation of an additional <i>fixture</i>, an additional <i>permit</i> is required to do the work.</p>	No	No change from the 1999 VBBL other than moving Part 1B to Division C of new VBBL.
9.	<p>1B.1.3. Inspections and Tests</p> <p>1B.1.3.1. New Systems</p> <p>1) When a <i>permit</i> is required as described in Article 1B.1.2.1., the <i>plumbing system</i> shall not be put into use until it has been inspected and tested to the satisfaction of the <i>Plumbing Inspector</i>.</p> <p>2) The <i>permit</i> holder shall notify the <i>Plumbing Inspector</i> when the work is complete and ready to be inspected or tested.</p> <p>3) The <i>Plumbing Inspector</i> may require that tests of any material, <i>fixture</i>, pipe, fitting, valve, or any other component of a <i>plumbing system</i> or a <i>sprinkler system</i> be made, at the expense of the <i>owner</i>, to establish that such material, <i>fixture</i>, pipe, fitting, valve or component complies with this By-law.</p>	No	No change from the 1999 VBBL other than moving Part 1B to Division C of new VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
10.	<p>1B.1.3.2. Existing Systems</p> <p>1) The <i>Plumbing Inspector</i>, if of the opinion that an existing <i>plumbing system</i> is no longer satisfactory, may order the <i>owner</i> to test the system.</p> <p>2) If the test referred to in Sentence (1) indicates a condition that could become dangerous or injurious to health, the <i>Plumbing Inspector</i> may order the <i>owner</i> to make alterations or replacements to the <i>plumbing system</i>.</p>	No	No change from the 1999 VBBL other than moving Part 1B to Division C of new VBBL.

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Unique to Vancouver Requirements

Division C – Part 2

(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
1.	DELETE the word "Code" in Sentence 2.1.1.1.(1) and REPLACE with the word "By-law"	No	Editorial change only.
2.	DELETE Sentence 2.2.1.1.(1).	Yes	This sentence talks about conformance with administrative requirements and is not necessary under our By-law.
3.	ADD the words "Except as required in Sentence (2)," at the beginning of Sentence 2.2.1.2.(1).	No	Editorial or non-substantive change only.
4.	ADD the following after Sentence 2.2.1.2.(1): "2) For the design of a Part 3 <i>buildings</i> , carried out in accordance with Part 4 of Division B, the <i>designer</i> shall be a <i>registered professional</i> who is designated by the Association of Professional Engineers and Geoscientists of British Columbia as a <i>Designated Structural Engineer (Struct. Eng.)</i> and who: a) is retained to undertake the overall responsibility for the design work and field reviews of the primary structural components of a <i>building</i> that falls within the scope of Article 1.3.3.2. of Division A, b) shall apply his or her professional (P.Eng.) seal or stamp together with his or her <i>Struct. Eng.</i> stamp, with signature and date to the plans and supporting documents prepared by, or under the supervision of the <i>Designated Structural Engineer</i> in support of the <i>building permit</i> application, and c) shall apply his or her professional (P.Eng.) seal or stamp together with his or her <i>Struct. Eng.</i> stamp with signature and date to the Letters of Assurance described in Subsection 2.2.7."	Yes	Proposed change to the 1999 VBBL to address City's concerns with respect to qualifications of Structural Engineers. The proposed changes are recommended by APEGBC.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
5.	DELETE the word "Code" in Sentence 2.2.2.1.(1) and REPLACE with the word "By-law".	No	In the 1999 VBBL, this was Sentence 2.3.1.1.(1).
6.	DELETE the word "Code" in Sentence 2.2.2.1.(2) and REPLACE with the word "By-law".	No	In the 1999 VBBL, this was Sentence 2.3.1.2.(1).
7.	DELETE the word "Code" in Sentence 2.2.2.1.(3) and REPLACE with the word "By-law", and ITALICIZE the word "construction".	No	In the 1999 VBBL, this was Sentence 2.3.1.3.(1):
8.	ADD the words "[See Appendix A]" at the end of Sentence 2.2.2.2.(1).	No	In the 1999 VBBL, this was Sentence 2.3.2.1.(1).
9.	ITALICIZE the word "existing" in Clause 2.2.2.2.(2)(b). DELETE the word "and" from the end of Clause 2.2.2.2.(2)(d). INSERT the word "and" at the end of Clause 2.2.2.2.(2)(e). ADD the following Clause after Clause 2.2.2.2.(2)(e): f) the exterior entrances and key plan for each <i>storey</i> indicating the location and number of <i>suites</i> .	No	In the 1999 VBBL, this was Sentence 2.3.2.2.(1).
10.	ADD the following Article after Article 2.2.2.2.: 2.2.2.3. Plans of Numbering of Buildings 1) A reduced set of architectural floor plans, with the size 280 mm x 430 mm, clearly identifying the location and the designated <i>street</i> number of the principal entrance of a <i>building</i> and the designated <i>suite</i> number of all the interior and exterior <i>suite</i> entries as required by Subsection 1A.12.2. of Division C shall be provided.	Yes	This is a new article in the proposed 2007 VBBL. This article is to address floor plan requirements for addressing purposes.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
11.	DELETE the word, "Code" in Clause 2.2.4.3.(1)(b) and in Sentence 2.2.5.2.(1) and REPLACE with the word "By-law".	No	In the 1999 VBBL, this was Article 2.3.4.3.
12.	CHANGE the title of Subsection 2.2.5. as follows: "Heating, Ventilating, Air-conditioning, and Energy Utilization Drawings and Specifications".	No	In the 1999 VBBL, this was Subsection 2.3.5.
13.	ADD the words, "and the information pertaining to energy utilization" after the words "aid-conditioning systems" in Sentence 2.2.5.2.(1).	No	In the 1999 VBBL, this was Subsection 2.3.5.2.(1)
14.	DELETE the Sentence 2.2.7.1.(1) and REPLACE with the following: "1. The requirements of this Section apply to an <i>owner</i> who applies for a <i>building permit</i> a) for a <i>building</i> that falls within the scope of Part 3 of Division B, b) where the structural components of a <i>building</i> fall within the scope of Part 4 of Division B, c) for a <i>building</i> that is designed with common egress systems for the occupants and requires the use of <i>firewalls</i> according to Subsections 1.3.3.4. and 1.3.3.5. of Division A, d) for a <i>building</i> that falls within the scope of Part 5 of Division B, e) for <i>alterations</i> which are subject to Article 10.1.1.2. of Division B, f) for changes of <i>major occupancy</i> which are subject to Article 10.1.1.9. of Division B, and g) where, in the opinion of the <i>Chief Building Official</i> , the site conditions or the size or complexity of a <i>building</i> , a <i>building</i> component or a mechanical, electrical or plumbing system warrants professional design and review."	Yes	No substantial change from the 1999 VBBL. In the 1999 VBBL, this was Article 2.6.1.1.
15.	DELETE the words "an <i>authority having jurisdiction</i> " in Sentence 2.2.7.2.(1) and REPLACE with " <i>the Chief Building Official</i> ."	No	In the 1999 VBBL, this was Sentence 2.6.2.1.(1).

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
16.	DELETE the words “the British Columbia Building Code and other applicable enactments respecting safety” in Sub clause 2.2.7.2.(1)(a)(i) and REPLACE with “this By-law and other applicable city by-laws”	No	In the 1999 VBBL, this was Subclause 2.2.6.2.(1)(a)(i).
17.	DELETE the words “British Columbia Building Code and other applicable enactments respecting safety, not including construction safety aspects” in Sub clause 2.2.7.2.(1)(a)(ii) and REPLACE with “this By-law and other applicable city by-laws.”	No	In the 1999 VBBL, this was Subclause 2.2.6.2.(1)(a)(ii).
18.	DELETE the words “ <i>authority having jurisdiction</i> ” in Clause 2.2.7.2.(1)(b) and REPLACE with “ <i>Chief Building Official</i> .” ADD the word “and” at the end of Clause 2.2.7.2.(1)(b)	No	In the 1999 VBBL, this was Clause 2.6.2.1.(1)(b)
19.	ADD Clause 2.2.7.2.(1)(c) after Clause 2.2.7.2.(1)(b) as follows: “c) provide written notice, of any work or <i>excavation</i> that would directly or indirectly affect private property adjacent to the <i>excavation</i> site, to the <i>owner</i> of the affected property in sufficient time and in a manner that would permit the <i>owner</i> of the adjacent property the ability to reasonably object to the work, and deliver a copy of the notice to the <i>Chief Building Official</i> . [See Appendix A.]”	No	In the 1999 VBBL, this was Clause 2.6.2.1.(1)(c).
20.	DELETE the words “ <i>an authority having jurisdiction</i> ” in Sentence 2.2.7.2.(2) and REPLACE with “ <i>the Chief Building Official</i> .”	No	In the 1999 VBBL, this was Sentence 2.6.2.1.(2).
21.	DELETE the words “shall comply with this section” in Sentence 2.2.7.3.(1) and REPLACE with “shall comply with Parts 1A and 1B of this Division.”	No	In the 1999 VBBL, this was Sentence 2.6.3.1.(1).
22.	DELETE the words “make the record available to the authority having jurisdiction on the request of that authority” in Sentence 2.2.7.3.(2) and REPLACE with “submit monthly summary reports to the <i>Chief Building Official</i> .”	No	In the 1999 VBBL, this was Sentence 2.6.3.1.(2).
23.	DELETE the words “British Columbia Building Code” in Clause 2.2.7.3.(3)(a) and REPLACE with “Vancouver Building By-law.”	No	In the 1999 VBBL, this was Clause 2.6.3.1.(3)(a).

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
24.	DELETE the words “ <i>authority having jurisdiction</i> ” in Clause 2.2.7.3.(3)(b) and REPLACE with “ <i>Chief Building Official</i> .”	No	In the 1999 VBBL, this was Clause 2.6.3.1.(3)(b).
25.	DELETE the words “the British Columbia Building Code” in Sub clause 2.2.7.3.(3)(b)(ii) and REPLACE with “this By-law.”	No	In the 1999 VBBL, this was Sentence 2.6.3.1.(3)(b)(ii).
26.	DELETE the words “ <i>authority having jurisdiction</i> ” in Sentence 2.2.7.4.(1) and REPLACE with “ <i>Chief Building Official</i> .”	No	In the 1999 VBBL, this was Sentence 2.6.4.1.(1).
27.	DELETE the words “ <i>authority having jurisdiction</i> ” in Sentence 2.2.7.4.(2) and REPLACE with “ <i>Chief Building Official</i> .”	No	In the 1999 VBBL, this was Sentence 2.6.4.1.(2).
28.	DELETE the words “ <i>authority having jurisdiction</i> ” in Sentence 2.2.7.4.(3) and REPLACE with “ <i>Chief Building Official</i> .”	No	In the 1999 VBBL, this was Sentence 2.6.4.1.(3).
29.	DELETE the words “ <i>authority having jurisdiction</i> ” in Clause 2.2.7.4.(5)(b) and REPLACE with “ <i>Chief Building Official</i> .”	No	In the 1999 VBBL, this was Clause 2.6.4.1.(5)(b).
30.	After Subsection 2.2.7. ADD Subsection 2.2.8. as follows: 2.2.8. Buildings on Lands Subject to Flooding 2.2.8.1. Design Considerations 1) On lands determined by the <i>City Engineer</i> to be potentially subject to flooding, the <i>building designer</i> shall give special consideration to <i>construction</i> materials and service equipment installations below the flood plain design elevations established by the Province of British Columbia or the city . [See 1A.6.1.9.]”	No	In the 1999 VBBL, this was Subsection 2.3.7.
31.	DELETE the words “ <i>authority having jurisdiction</i> ” in Clause 2.3.1.1.(1) and REPLACE with “ <i>Chief Building Official</i> .” DELETE the word, “Code” at the end of Sentence 2.3.1.1.(1) and REPLACE with the word “By-law”.	Yes	Editorial change only.
32.	INSERT the words “Except as required by Subsection 2.3.2.”	Yes	Editorial change only.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
33.	DELETE the word, "Code" in Clause 2.3.1.1.(2)(b) and REPLACE with the word "By-law".	Yes	Editorial change only.
34.	INSERT the words "and Subsection 2.3.2." after the words "Clause 2.3.1.1.(2)(a)" in Sentence 2.3.1.1.(3).	Yes	Editorial change only.
35.	INSERT the words "and Subsection 2.3.2." after the words "Clause 2.3.1.1.(2)(a)" in Sentence 2.3.1.1.(4).	Yes	Editorial change only.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
36.	<p>ADD the following Subsection after Sentence 2.3.1.1.(6):</p> <p>“2.3.2. Fire Safety Alternative Solutions</p> <p>2.3.2.1. Design Criteria</p> <p>1) <i>Buildings</i>, their <i>fire compartments</i> and other fire safety components may be designed using Fire Safety Alternative Solutions based upon <i>acceptable</i> engineering practice.</p> <p>2) Alternative solutions, as described in Article 2.3.1.1. and in Sentence (1), shall be based upon an acceptable report produced by an <i>acceptable registered professional</i>, that includes</p> <ol style="list-style-type: none"> a) a thorough description of the <i>building</i>, b) an analysis of the <i>building</i> that identifies all deviations from the requirements of this By-law, c) an outline of the life safety principles used for the alternative solutions and their rationale, based upon NRC fire research reports and other approved agencies where applicable, d) recommendations for alternative solutions instead of the requirements of this By-law, e) an evaluation of the recommended alternative solutions based upon generally recognized studies, f) evidence of reliable performance for the alternative solutions, g) a method of monitoring the design of all alternative solutions, and h) a commitment to perform sufficient <i>field review</i> of the alternative solutions. <p>3) The report described in Sentence (2) and its supporting documents shall be sufficiently detailed to permit evaluation of the alternative solutions without the use of supplemental information.</p> <p>4) Where any of the requirements for life and fire safety in this By-law have been satisfied by an alternative solution pursuant to Article 2.3.1.1. and Sentence (1) of this Article, the <i>registered professional</i> who applied for approval of the alternative solution shall</p>	Yes	No substantial change from the 1999 VBBL This is Subsection 2.5.4. in the 1999 VBBL.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
	<p>a) submit a letter assuring that the alternative solution, as installed, will perform in the manner recommended to and accepted by the <i>Chief Building Official</i>, and</p> <p>b) when requested by the <i>Chief Building Official</i>, submit an acceptable commissioning and testing report of a <i>construction</i> review which demonstrates that the special devices or methods forming part of the alternative solution meet the intent of the accepted alternative solution.</p>		
37.	<p>ADD the following Subsection after Sentence 2.3.2.1.(4):</p> <p>“2.3.3. Alternative Solution Review Panel</p> <p>2.3.3.1. Appointment and Functions</p> <p>1) The <i>Chief Building Official</i> may appoint, for any alternative solution application, an alternative solution review panel of up to three experts to review the application, hear from the applicant and city staff, and advise the <i>Chief Building Official</i> on the proposed solution.</p> <p>2) An applicant shall pay fees for the alternative solutions review panel as set out in section 2(q) of Part A of the Fee Schedule.</p>	No	This was Subsection 2.5.5. in 1999 VBBL.

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Insert Letters of Assurance at the end of Division C, Part 2

SCHEDULE A

Forming Part of Sentence 2.2.7.2.(1), Div. C of the Building By-law

Building Permit No.

CONFIRMATION OF COMMITMENT BY OWNER AND COORDINATING REGISTERED PROFESSIONAL

- Notes: (i) This letter must be submitted before issuance of a *building permit*.
 (ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
 (iii) In this letter the words in italics have the same meaning as in the Building By-law.

Re: Design and *Field Review of Construction*
 by a *Coordinating Registered Professional*

To: The *Chief Building Official*

Re: _____
 Name of Project (Print)

 Address of Project (Print)

 Legal Description of Project (Print)

(Professional's Seal and Signature)

_____ Date

The undersigned has retained _____ as a *coordinating registered professional* to coordinate the design work and *field reviews* of the *registered professionals* required² for this project. The *coordinating registered professional* shall coordinate the design work and *field reviews* of the *registered professionals* required for the project in order to ascertain that the design will substantially comply with the Building By-law and other applicable enactments respecting safety and that the construction of the project will substantially comply with the Building By-law and other applicable enactments respecting safety, not including the construction safety aspects.

"*field reviews*" are defined in the Building By-law to mean those reviews of the work
 (a) at a project site of a development to which a *building permit* relates, and
 (b) where applicable, at fabrication locations where *building* components are fabricated for use at the project site

that a *registered professional* in his or her professional discretion considers necessary to ascertain whether the work substantially complies in all material respects with the plans and supporting documents prepared by the *registered professional* for which the *building permit* is issued.

The *owner* and the *coordinating registered professional* have read Subsection 2.2.7, Division C of the Building By-law. The *owner* and the *coordinating registered professional* each acknowledge their responsibility to notify the *Chief Building Official* of the date the *coordinating registered professional* ceases to be retained by the *owner* before the date the *coordinating registered professional* ceases to be retained or, if that is not possible, then as soon as possible. The *coordinating registered professional* acknowledges the responsibility to notify the *Chief Building Official* of the date a *registered professional* ceases to be retained before the date the *registered professional* ceases to be retained or, if that is not possible, then as soon as possible.

¹ For Building Official's use only

² It is the responsibility of the *coordinating registered professional* to ascertain which *registered professionals* are required, and to initial each Schedule B-1 and B-2 prior to submission to the *Chief Building Official*.

Schedule A – Continued

Building Permit No. 1 _____

Project Address _____

The *owner* and the *coordinating registered professional* understand that where the *coordinating registered professional* or a *registered professional* ceases to be retained at any time during *construction*, work on the above project will cease until such time as

- (a) a new *coordinating registered professional* or *registered professional*, as the case may be, is retained, and
- (b) a new letter in the form set out in Schedule A or in the forms set out in Schedules B-1 and B-2, as the case may be, is filed with the *Chief Building Official*.

The undersigned *coordinating registered professional* certifies that he or she is a *registered professional* as defined in the Building By-law, and agrees to coordinate the design work and *field reviews* of the *registered professionals* required for the project as outlined in the attached Schedules B-1 and B-2 including coordination and integration of functional testing of fire protection and life safety systems. (See A-2.2.7.3 in Appendix A.)

Coordinating Registered Professional

Owner

Coordinating Registered Professional's Name (Print)

Owner's Name (Print)

Address (Print)

Address (Print)

Phone No.

Name of Agent or Signing Officer if applicable (Print)



Date

Owner's or Owner's appointed agent's Signature. (If owner is a corporation the signature of a signing officer must be given here. If the signature is that of the agent, a copy of the document that appoints the agent must be attached.)

Date

(If the *Coordinating Registered Professional* is a member of a firm, complete the following.)

I am a member of the firm _____
and I sign this letter on behalf of the firm _____ (Print name of firm)

This letter must be signed by the *owner* or the *owner's* appointed agent and by the *coordinating registered professional*. An agent's letter of appointment must be attached. If the *owner* is a corporation, the letter must be signed by a signing officer of the corporation and the signing officer must set forth his or her position in the corporation.

The Vancouver Building By-law defines a *registered professional* to mean

- (a) a person who is registered or licensed to practise as an architect under the Architects Act, or
- (b) a person who is registered or licensed to practise as a professional engineer under the Engineers and Geoscientists Act.

¹ For Building Official's use only

Schedule B-1 - *Continued*

Building Permit No.¹

Project Address

Discipline

The undersigned also undertakes to notify the *Chief Building Official* in writing as soon as possible if the undersigned's contract for *field review* is terminated at any time during *construction*.

I certify that I am a *registered professional* as defined in the Building By-law.

Registered Professional's Name (Print)

Address (Print)

Phone No.



(Professional's Seal and Signature)

Date

(If the *Registered Professional* is a member of a firm, complete the following.)

I am a member of the firm _____
and I sign this letter on behalf of the firm. (Print name of firm)

Note: The above letter must be signed by a *registered professional*. The Building By-law defines a *registered professional* to mean

- (a) a person who is registered or licensed to practise as an architect under the Architects Act, or
- (b) a person who is registered or licensed to practise as a professional engineer under the Engineers and Geoscientists Act.

CRP's Initials

¹ For Building Official's use only

SCHEDULE B-2Forming Part of Subsection 2.2.7, Division C of the
Building By-law

Building Permit No. 1

SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS

- Notes: (i) This letter must be submitted along with Schedule B-1 before issuance of a *building permit*.
(ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
(iii) In this letter the words in italics have the same meaning as in the Building By-law.

Registered Professional's Name (Print) _____

Name of Project (Print) _____

Address of Project (Print) _____

(Initial applicable discipline below and cross out and initial only those items not applicable to the project.)

ARCHITECTURAL

- 1.1 Fire resisting assemblies
- 1.2 *Fire separations* and their continuity
- 1.3 *Closures*, including tightness and operation
- 1.4 Egress systems, including *access to exit* within *suites* and *floor areas*
- 1.5 Performance and physical safety features (guardrails, handrails, etc.)
- 1.6 Structural capacity of architectural components, including anchorage and seismic restraint
- 1.7 Sound control
- 1.8 Landscaping, screening and site grading
- 1.9 Provisions for fire fighting access
- 1.10 Access requirements for *persons with disabilities*
- 1.11 Elevating devices
- 1.12 Functional testing of architecturally related fire emergency systems and devices
- 1.13 Development Permit and conditions therein
- 1.14 Interior signage, including acceptable materials, dimensions and locations
- 1.15 Review of all applicable shop drawings
- 1.16 Interior and exterior finishes
- 1.17 Dampproofing and/or waterproofing of walls and slabs below *grade*
- 1.18 Roofing and flashings
- 1.19 Wall cladding systems
- 1.20 Thermal insulation systems, including condensation control and cavity ventilation
- 1.21 Exterior glazing
- 1.22 Integration of building envelope components
- 1.23 Environmental separation requirements (Part 5)

(Professional's Seal and Signature)

Date

STRUCTURAL

- 2.1 Structural capacity of structural components of the *building*, including anchorage and seismic restraint
- 2.2 Structural aspects of *deep foundations*
- 2.3 Review of all applicable shop drawings
- 2.4 Structural aspects of unbonded post-tensioned concrete design and construction
- 2.5 Verification of the satisfactory completion of an in-house check of the structural design
- 2.6 Verification of the satisfactory completion of an independent Concept Review, including a general overview of the design calculations

MECHANICAL

- 3.1 HVAC systems and devices, including high *building* requirements where applicable
- 3.2 *Fire dampers* at required *fire separations*
- 3.3 Continuity of *fire separations* at HVAC penetrations
- 3.4 Functional testing of mechanically related fire emergency systems and devices
- 3.5 Maintenance manuals for mechanical systems
- 3.6 Structural capacity of mechanical components, including anchorage and seismic restraint
- 3.7 Review of all applicable shop drawings

¹ For Building Official's use only

SCHEDULE C-A

Forming Part of Subsection 2.2.7, Division C of the Building By-law

Building Permit No _____

ASSURANCE OF COORDINATION OF PROFESSIONAL FIELD REVIEW

- Notes:
- (i) This letter must be submitted after completion of the project but before the *occupancy permit* is issued, or a final inspection is made, by the *authority having jurisdiction*.
 - (ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
 - (iii) In this letter the words in italics have the same meaning as in the Building By-law.

To: *The Chief Building Official*

Name of Jurisdiction (Print)

Re: _____

Name of Project (Print)

Address of Project (Print)

Legal Description of Project (Print)

(The coordinating registered professional shall complete the following:)

Name (Print)

Address (Print)

Phone No.

(Professional's Seal and Signature)

Date

I hereby give assurance that

- (a) I have fulfilled my obligations for coordination of *field review* of the *registered professionals* required for the project as outlined in Subsection 2.2.7, Division C of the Building By-law and in the previously submitted Schedule A, "CONFIRMATION OF COMMITMENT BY OWNER AND BY COORDINATING REGISTERED PROFESSIONAL,"
- (b) I have coordinated the functional testing of the fire protection and life safety systems to ascertain that they substantially comply in all material respects with
 - (i) the applicable requirements of the Building By-law and other applicable enactments respecting safety, not including construction safety aspects, and
 - (ii) the plans and supporting documents submitted in support of the application for the *building permit*,
- (c) I am a *registered professional* as defined in the Building By-law.

(If the registered professional is a member of a firm, complete the following:)

I am a member of the firm _____

and I sign this letter on behalf of the firm.

(Print name of firm)

Note: The above letter must be signed by a *coordinating registered professional*, who is also a *registered professional*. The Building By-law defines a *registered professional* to mean

- (a) a person who is registered or licensed to practise as an architect under the Architects Act, or
- (b) a person who is registered or licensed to practise as a professional engineer under the Engineers and Geoscientists Act.

SCHEDULE C-B

Forming Part of Subsection 2.2.7, Division C of the Building By-law

Building Permit No _____

ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE

- Notes:
- (i) This letter must be submitted after completion of the project but prior to final inspection by the *authority having jurisdiction*. A separate letter must be submitted by each *registered professional*.
 - (ii) This letter is endorsed by: Architectural Institute of B.C., Association of Professional Engineers and Geoscientists of B.C., Building Officials' Association of B.C., and Union of B.C. Municipalities.
 - (iii) In this letter the words in italics have the same meaning as in the Building By-law.

To: *The Chief Building Official*

Name of Jurisdiction (Print)

Re: _____

Discipline (e.g. Architectural, etc.) (Print)

Name of Project (Print)

Address of Project (Print)

Legal Description of Project (Print)

(Each *registered professional* shall complete the following:)

Name (Print)

Address (Print)

Phone No.

(Professional's Seal and Signature)

Date

I hereby give assurance that

- (a) I have fulfilled my obligations for *field review* as outlined in Subsection 2.2.7, Division C of the Building By-law and in the previously submitted Schedule B-1, "ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW," and Schedule B-2, "SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS," and
- (b) those components of the project opposite my initials in Schedule B-2 substantially comply in all material respects with
 - (i) the applicable requirements of the Building By-law and other applicable enactments respecting safety, not including construction safety aspects, and
 - (ii) the plans and supporting documents submitted in support of the application for the *building permit*,
- (c) I am a *registered professional* as defined in the Building By-law.

(If the *registered professional* is a member of a firm, complete the following:)

I am a member of the firm _____
and I sign this letter on behalf of the firm. (Print name of firm)

Note: The above letter must be signed by a *registered professional*. The Building By-law defines a *registered professional* to mean

- (a) a person who is registered or licensed to practise as an architect under the Architects Act, or
- (b) a person who is registered or licensed to practise as a professional engineer under the Engineers and Geoscientists Act.

CRP's initials

Unique to Vancouver Requirements

Division C – Part 3

(List of Revisions to 2006 BCBC which will form 2007 VBBL)

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
1.	<p>INSERT “Part 3 Appeals, Offences and Penalties and Transition Provisions” after Part 2.</p> <p>Part 3 Appeals, Offences and Penalties and Transition Provisions</p> <p>Section 3.1. Appeals</p> <p>3.1.1. Building Board of Appeal</p> <p>3.1.1.1. Appeal Within 30 Days</p> <p>1) Any person dissatisfied with the decision of the <i>Chief Building Official</i> relating to matters described in Article 3.1.1.2. may, within 30 days of such decision, appeal the decision to the Building Board of Appeal who shall have such powers relating to this By-law as are set out in the Building Board of Appeal By-law.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.
2.	<p>3.1.1.2. Limits of Appeal</p> <p>1) An appeal may be made to the Building Board of Appeal from any decision of the <i>Chief Building Official</i> regarding the <i>Chief Building Official's</i></p> <p>a) interpretation of this By-law,</p> <p>b) determination of the use of new methods or materials,</p> <p>c) determination of extent of upgrading <i>existing buildings</i> or permitting alternative proposals, as outlined in Division B Articles 10.1.1.2, 10.1.1.3, 10.1.1.4 and 10.1.1.5,</p> <p>d) determination of an unsafe condition as outlined in Clauses 1A.6.1.2.(1)(f) and (g) or Sentences 1A.6.2.1.(1) or (2),</p> <p>e) determination of change in <i>occupancy</i> and extent of the <i>building</i> affected, as outlined in Division B Article 10.1.1.9., or</p> <p>f) reasons for revoking a <i>permit</i>.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
3.	<p>Filing of Appeals</p> <p>An appeal shall be filed with the Secretary of the Board, in writing, and shall set out the address of the <i>building</i> affected by the decision, the requirements of the By-law applicable to the appeal, and the nature and subject matter of the appeal, in sufficient detail to fully describe the essentials of the appeal.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.
4.	<p>Offences and Penalties</p> <p>Violation of By-law</p> <p>Offences</p> <p>Every person who</p> <ol style="list-style-type: none"> 1) violates any of the provisions of this By-law, a) suffers or permits any act or thing to be done in contravention or in violation of any of the provisions of this By-law, b) neglects to do or refrains from doing anything required to be done by any of the provisions of this By-law, c) does any act which violates any of the provisions of this By-law, or d) fails to comply with an order, direction, or notice given under this By-law, e) shall be deemed to be guilty of an offence against this By-law and liable to the penalties hereby imposed. <p>2) Each day that a violation is permitted to exist shall constitute a separate offence.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.
5.	<p>Fines and Penalties</p> <p>Minimum Fine</p> <p>1) Every person who commits an offence against this By-law is liable to a fine of not more than \$2000 and not less than \$100 for each offence.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
6.	<p>3.2.2.2. Continuing Offence</p> <p>1) Every person who commits an offence of a continuing nature is liable to a fine not exceeding \$50 for each day such offence is continued.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.
7.	<p>3.2.2.3. Unsafe Condition</p> <p>1) Despite the minimum fine referred to in Article 3.2.2.1., every person who permits <i>occupancy</i> to occur while an <i>unsafe</i> condition exists on or about the premises and to which the occupants are directly subject is guilty of an offence and liable to a fine of not less than \$200 for each offence.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.
8.	<p>3.2.2.4. Failure to Comply with an Order</p> <p>1) Despite the minimum fine referred to in Article 3.2.2.1., every person who commits an offence against Article 1A.2.1.1. by failing to comply with an order is liable to a fine of not less than \$200 for each offence.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.
9.	<p>3.2.2.5. Work Without a Permit</p> <p>1) Despite the minimum fine referred to in Article 3.2.2.1., every person who commits an offence against Article 1A.2.1.2. by working without a <i>permit</i> is liable to a fine of not less than \$200 for each offence.</p>	No	No change from the 1999 VBBL other than moving Part 11 of 1999 VBBL to Division C and renumbering accordingly.
10.	<p>3.2.2.6. Failure to Permit Entry</p> <p>1) Despite the minimum fine referred to in Article 3.2.2.1., every person who commits an offence against Article 1A.3.1.2. by failing to permit entry to a <i>building</i> or premises is liable to a fine of not less than \$200 for each offence.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.

Item #	Proposed Revision to 2006 BCBC	Change from the 1999 VBBL	Notes
11.	<p>Section 3.3. Transition Provisions 3.3.1. General 3.3.1.1. Validity of Permits under Previous By-law 1) Subject to the time limitations of Article 3.3.1.2., <i>buildings</i> for which <i>permits</i> were obtained under By-law No. 8057 shall be constructed in accordance with the terms of that By-law.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.
12.	<p>3.3.1.2. Grace Period 1) Where an owner has applied for a <i>permit</i> prior to January 31, 2007, the <i>buildings</i> referred to in the application may be constructed in accordance with By-law No. 8057 provided the <i>owner</i> has commenced work within 6 months of the date of issuance of the <i>permit</i> and continues work to completion without interruption other than work stoppages which are standard in the building industry.</p>	No	No change from the 1999 VBBL other than moving Part 11 of the 1999 VBBL to Division C and renumbering accordingly.

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