

BRITISH COLUMBIA BUILDING CODE 2012

SCHEDULE C-B

Forming Part of Subsection 2.2.7, Division C of the
British Columbia Building Code

Building Permit No. _____
(for authority having jurisdiction's use)

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 of record*.
- (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 British Columbia Building Code.

To: The *authority having jurisdiction*

City of White Rock

Name of Jurisdiction (Print)

Re: Geotechnical engineering

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

Proposed Single Family Dwelling

Name of Project (Print)

15046 Buena Vista Ave Lot 14, White Rock

Address of Project (Print)

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

Xianhong (John) Meng

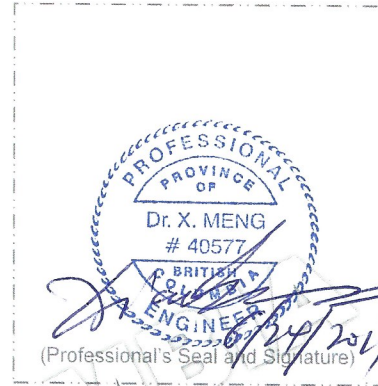
Name (Print)

#20-3275 McCallum Rd, Abbotsford, BC V2S 7W8

Address (Print)

Phone: (604) 385-4244

Phone No.



2019-06-24

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 British Columbia Building Code and in the previously submitted Schedule B, "ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW," and
- (b) those components of the project opposite my initials in Schedule B substantially comply in all material respects with
- (i) the applicable requirements of the B.C. Building Code 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 of record* as defined in the British Columbia Building Code.

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

I am a member of the firm Western Geotechnical Consultants Ltd.

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 of record*, who is a *registered professional*. The British Columbia Building Code 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.

BRITISH COLUMBIA BUILDING CODE 2012

SCHEDULE C-B

Forming Part of Subsection 2.2.7, Division C of the
British Columbia Building Code

Building Permit No.
(for authority having jurisdiction's use)

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 of record*.
 - (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 British Columbia Building Code.

To: The *authority having jurisdiction*

City of White Rock

Name of Jurisdiction (Print)

Re: Structural

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

New Residence

Name of Project (Print)

Lot 14 - 15046 Buena Vista, White Rock, BC

Address of Project (Print)

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

Andrew Gray, P. Eng.

Name (Print)

1407 East Georgia Street, Vancouver, BC, V5L 2A9

Address (Print)

604-319-3503

Phone No.



(Professional's Seal and Signature)

August 9, 2018

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 British Columbia Building Code and in the previously submitted Schedule B, "ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW", and
- (b) those components of the project opposite my initials in Schedule B substantially comply in all material respects with
 - (i) the applicable requirements of the B.C. Building Code 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 of record* as defined in the British Columbia Building Code.

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

I am a member of the firm Inform Engineering Ltd.
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 of record*, who is a *registered professional*. The British Columbia Building Code 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

9

W61-0421

BRITISH COLUMBIA BUILDING CODE 2012

SCHEDULE B

Forming Part of Subsection 2.2.7, Div. C of the
British Columbia Building Code

Building Permit No. _____
(for authority having jurisdiction's use)

ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW

- Notes: (i) This letter must be submitted prior to the commencement of construction activities of the components identified below. A separate letter must be submitted by each *registered professional of record*.
- (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 British Columbia Building Code.

To: The authority having jurisdiction

City of White Rock

Name of Jurisdiction (Print)

Re: Proposed Single Family Dwelling

Name of Project (Print)

15046 Buena Vista Avenue Lot 14, White Rock, BC

Address of Project (Print)

The undersigned hereby gives assurance that the design of the
(Initial those of the items listed below that apply to this *registered professional of record*. All the disciplines will not necessarily be employed on every project.)

- ~~ARCHITECTURAL~~ XM
- ~~STRUCTURAL~~ XM
- ~~MECHANICAL~~ XM
- ~~PLUMBING~~ XM
- ~~FIRE SUPPRESSION SYSTEMS~~ XM
- ~~ELECTRICAL~~ XM
- XM GEOTECHNICAL — temporary
- XM GEOTECHNICAL — permanent



August 31, 2016

Date

components of the plans and supporting documents prepared by this *registered professional of record* in support of the application for the *building* permit as outlined below substantially comply with the B.C. Building Code and other applicable enactments respecting safety except for construction safety aspects.

The undersigned hereby undertakes to be responsible for *field reviews* of the above referenced components during construction, as indicated on the "SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS" below.


CRP's Initials

BRITISH COLUMBIA BUILDING CODE 2012

Schedule B - Continued

Building Permit No.
(for authority having jurisdiction's use)

15046 Buena Vista Avenue Lot 14, White Rock, BC
Project Address

Geotechnical
Discipline

The undersigned also undertakes to notify the *authority having jurisdiction* 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 British Columbia Building Code.

Xianhong (John) Meng
Registered Professional of Record's Name (Print)

103-19162 22 Avenue, Surrey, BC V3Z 3S6
Address (Print)

Fax: 604-385-4245

Tel: 604-385-4244
Phone No.



August 31, 2016
Date

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

I am a member of the firm Western Geotechnical Consultants Ltd.
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 of record*, who is a *registered professional*. The British Columbia Building Code 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

BRITISH COLUMBIA BUILDING CODE 2012

Schedule B - Continued

Building Permit No.
(for authority having jurisdiction's use)

15046 Buena Vista Avenue Lot 14, White Rock, BC

Project Address

Geotechnical

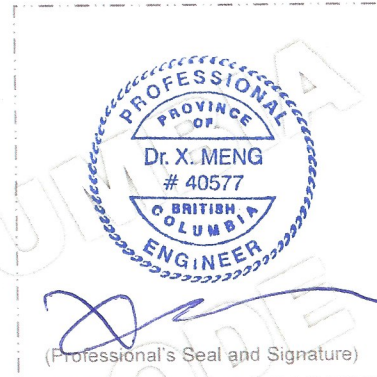
Discipline

SUMMARY OF DESIGN AND FIELD REVIEW REQUIREMENTS

(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 Condensation control and cavity ventilation
- 1.21 Exterior glazing
- 1.22 Integration of building envelope components
- 1.23 Environmental separation requirements (Part 5)
- 1.24 Building envelope, Part 10, ASHRAE or NECB requirements
- 1.25 Building envelope, ~~testing or confirmation~~ of Part 10 requirements
~~testing and/or confirmation~~



August 31, 2016

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

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
- 3.8 Mechanical systems, Part 10/ASHRAE requirements
- 3.9 ~~Building envelope, testing/confirmation~~ of Part 10 requirements
~~Mechanical systems, testing and/or confirmation~~

CRP's Initials

BRITISH COLUMBIA BUILDING CODE 2012

Schedule B - Continued

Building Permit No.
(for authority having jurisdiction's use)

15046 Buena Vista Avenue Lot 14, White Rock, BC

Project Address

Geotechnical

Discipline

PLUMBING

- 4.1 Roof drainage systems
- 4.2 Site and foundation drainage systems
- 4.3 Plumbing systems and devices
- 4.4 Continuity of fire separations at plumbing penetrations
- 4.5 Functional testing of plumbing related fire emergency systems and devices
- 4.6 Maintenance manuals for plumbing systems
- 4.7 Structural capacity of plumbing components, including anchorage and seismic restraint
- 4.8 Review of all applicable shop drawings
- 4.9 Plumbing systems, Part 10, ASHRAE or NECB requirements
- 4.10 Plumbing systems, ~~testing/confirmation~~ testing and/or confirmation of Part 10 requirements

FIRE SUPPRESSION SYSTEMS

- 5.1 Suppression system classification for type of occupancy
- 5.2 Design coverage, including concealed or special areas
- 5.3 Compatibility and location of electrical supervision, ancillary alarm and control devices
- 5.4 Evaluation of the capacity of city (municipal) water supply versus system demands and domestic demand, including pumping devices where necessary
- 5.5 Qualification of welder, quality of welds and material
- 5.6 Review of all applicable shop drawings
- 5.7 Acceptance testing for "Contractor's Material and Test Certificate" as per NFPA Standards
- 5.8 Maintenance program and manual for suppression systems
- 5.9 Structural capacity of sprinkler components, including anchorage and seismic restraint
- 5.10 For partial systems — confirm sprinklers are installed in all areas where required
- 5.11 Fire Department connections and hydrant locations
- 5.12 Fire hose standpipes
- 5.13 Freeze protection measures for fire suppression systems
- 5.14 Functional testing of fire suppression systems and devices

ELECTRICAL

- 6.1 Electrical systems and devices, including high building requirements where applicable
- 6.2 Continuity of fire separations at electrical penetrations
- 6.3 Functional testing of electrical related fire emergency systems and devices
- 6.4 Electrical systems and devices maintenance manuals
- 6.5 Structural capacity of electrical components, including anchorage and seismic restraint
- 6.6 Clearances from buildings of all electrical utility equipment
- 6.7 Fire protection of wiring for emergency systems
- 6.8 Review of all applicable shop drawings
- 6.9 Electrical systems, Part 10, ASHRAE or NECB requirements
- 6.10 Electrical Systems, ~~testing/confirmation~~ testing and/or confirmation of Part 10 requirements

***XM* GEOTECHNICAL — Temporary**

- 7.1 Excavation
- 7.2 Shoring
- 7.3 Underpinning
- 7.4 Temporary construction dewatering — *XM*

***XM* GEOTECHNICAL — Permanent**

- 8.1 Bearing capacity of the soil
- 8.2 Geotechnical aspects of deep foundations — *XM*
- 8.3 Compaction of engineered fill
- 8.4 Structural considerations of soil, including slope stability and seismic loading
- 8.5 Backfill
- 8.6 Permanent dewatering — *XM*
- 8.7 Permanent underpinning — *XM*



August 31, 2016

Date

[Handwritten Signature]

CRP's Initials

BRITISH COLUMBIA BUILDING CODE 2012

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 (iii) In this letter the words in italics have the same meaning as in the British Columbia Building Code.

To: The *authority having jurisdiction*

City of White Rock
 Name of Jurisdiction (Print)
 Re: Geotechnical
 Discipline (e.g. Architectural, etc.) (Print)
 Proposed Single Family Dwelling
 Name of Project (Print)
 15046 Buena Vista Avenue Lot 14, White Rock, BC
 Address of Project (Print)



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

John (Xianhong) Meng
 Name (Print)
 103 - 19162 22 Avenue, Surrey, BC V3Z 3S6
 Address (Print)
 Fax: 604-385-4245
 Tel: 604-385-4244
 Phone No.

September 11, 2017
 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 British Columbia Building Code and in the previously submitted Schedule B, "ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW," and
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 - (ii) the plans and supporting documents submitted in support of the application for the *building permit*,
- (c) I am a *registered professional of record* as defined in the British Columbia Building Code.

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

I am a member of the firm Western Geotechnical Consultants Ltd.
 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 of record*, who is a *registered professional*. The British Columbia Building Code 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.

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To: The *authority having jurisdiction*

White Rock Building Dept

Name of Jurisdiction (Print)

Re: Architectural - Envelope

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

Single Family Dwelling

Name of Project (Print)

15046 Buena Vista Ave, White Rock

Address of Project (Print)

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

O. Wegner P.Eng.

Name (Print)

#205 - 18515 - 53 Ave

Address (Print)

Surrey, BC, V3S 7A4

604-579-0110

Phone No.



(Professional's Seal and Signature)

11/16/2018

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 British Columbia Building Code and in the previously submitted Schedule B, "ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW", and
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 - (i) the applicable requirements of the B.C. Building Code 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 of record* as defined in the British Columbia Building Code.

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

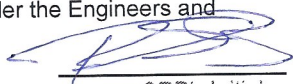
I am a member of the firm Horace Engineering Ltd.

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 of record*, who is a *registered professional*. The British Columbia Building Code 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

BRITISH COLUMBIA BUILDING CODE 2012

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Building Permit No.
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(iii) In this letter the words in italics have the same meaning as in the British Columbia Building Code.

To: The *authority having jurisdiction*

City Of White Rock, 15322 Buena Vista Ave., White Rock, BC, V4B 1Y6

Name of Jurisdiction (Print)

Re: Fire Suppression Systems

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

Dwelling

Name of Project (Print)

15046 Buena Vista - Lot 14, White Rock, BC

Address of Project (Print)

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

David Killey

Name (Print)

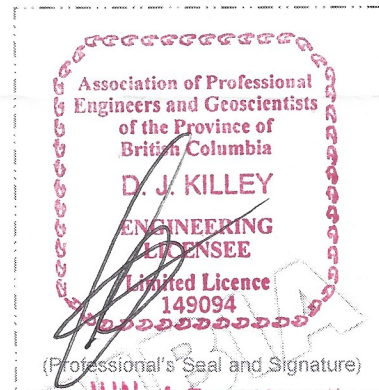
24414 58A Ave

Address (Print)

Langley, B.C. V2X 1G7

604-599-4499 Fax 604-599-4319

Phone No.



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 British Columbia Building Code and in the previously submitted Schedule B, "ASSURANCE OF PROFESSIONAL DESIGN AND COMMITMENT FOR FIELD REVIEW," and
(b) those components of the project opposite my initials in Schedule B substantially comply in all material respects with
(i) the applicable requirements of the B.C. Building Code 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 of record* as defined in the British Columbia Building Code.

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

I am a member of the firm Fire Busters Inc.

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 of record*, who is a *registered professional*. The British Columbia Building Code 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