

**BUILDING BY-LAW 2014 – CITY OF VANCOUVER**

**SCHEDULE B**

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

Building Permit No. \_\_\_\_\_  
(for Building Official'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.
  - (iii) In this letter the words in italics have the same meaning as in the Building By-law.

To: *The Chief Building Official*

Re: \_\_\_\_\_  
Name of Project (Print)

\_\_\_\_\_

Address of Project (Print)

\_\_\_\_\_

Legal Description 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**
- \_\_\_\_\_ **STRUCTURAL**
- \_\_\_\_\_ **MECHANICAL**
- \_\_\_\_\_ **PLUMBING**
- \_\_\_\_\_ **FIRE SUPPRESSION SYSTEMS**
- \_\_\_\_\_ **ELECTRICAL**
- \_\_\_\_\_ **GEOTECHNICAL — temporary**
- \_\_\_\_\_ **GEOTECHNICAL — permanent**

\_\_\_\_\_

(Professional's Seal and Signature)

\_\_\_\_\_ Date

components of the plans and supporting documents prepared by this *registered professional* in support of the application for the *building permit* as outlined below substantially comply with the Building By-law 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



**BUILDING BY-LAW 2014 – CITY OF VANCOUVER**

Schedule B - *Continued*

\_\_\_\_\_  
Building Permit No.  
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\_\_\_\_\_  
Project Address

\_\_\_\_\_  
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 firefighting 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 requirements

\_\_\_\_\_  
(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

**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 requirements

\_\_\_\_\_  
CRP's Initial

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**Schedule B - Continued**

Building Permit No.  
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Project Address

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 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 requirements

**GEOTECHNICAL — Temporary**

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

**GEOTECHNICAL — Permanent**

- 8.1 Bearing capacity of the soil
- 8.2 Geotechnical aspects of *deep foundations*
- 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
- 8.7 Permanent underpinning

(Professional's Seal and Signature)

Date

CRP's Initials