

**SCHEDULE B**Forming Part of Subsection 2.2.7., Division C of the  
British Columbia Building CodeBuilding Permit Number  
(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 BC, Association of Professional Engineers and Geoscientists of the Province of BC, Building Officials' Association of BC, and Union of BC 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*

Development Services Department, City of Prince George

Name of Jurisdiction (Print)

Re: **NUCLEAR MEDICAL SCAN ROOM RENOVATION**

Name of Project (Print)

**1475 EDMONTON STREET PRINCE GEORGE, BC, V5Y 1N2**

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.)

N/A	<b>ARCHITECTURAL</b>
N/A	<b>STRUCTURAL</b>
N/A	<b>MECHANICAL</b>
N/A	<b>PLUMBING</b>
N/A	<b>FIRE SUPPRESSION SYSTEMS</b>
	<b>ELECTRICAL</b>
N/A	<b>GEOTECHNICAL — temporary</b>
N/A	<b>GEOTECHNICAL — permanent</b>

PTP # 1001261

(Professional's Seal and Signature)

**18 September 2024**

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 British Columbia 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 2024

## Schedule B - Continued

Building Permit Number  
(for authority having jurisdiction's use)

1475 EDMONTON STREET PRINCE GEORGE, BC, V5Y 1N2

Project Address

ELECTRICAL

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.

Mohamed Khan

Registered Professional of Record's Name (Print)

401-533 Smithe Street

Address (Print)

Vancouver, BC, V6B 6H1

Address (Print) (continued)

2369991882 / mo@omengineering.ca

Phone Number and Email Address

PTP # 1001261

(Professional's Seal and Signature)

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

I am a member of the firm O'M Engineering Inc. (PTP# 1001261)

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 as an Architect with the Architectural Institute of British Columbia under the Professional Governance Act, or
- (b) a person who is registered as a professional engineer or professional licensee engineering with the Association of Professional Engineers and Geoscientists of the Province of British Columbia under the Professional Governance Act.

CRP's Initials



# BRITISH COLUMBIA BUILDING CODE 2024

Schedule B - *Continued*

Building Permit Number  
(for authority having jurisdiction's use)

1475 EDMONTON STREET PRINCE GEORGE, BC, V5Y 1N2

Project Address

ELECTRICAL

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 – ASHRAE, NECB or Energy Step Code requirements
- 1.25 Building envelope, testing, confirmation or both as per Part 10 requirements

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### **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 Independent review of structural designs

### **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, NECB or Energy Step Code requirements
- 3.9 Mechanical systems, testing, confirmation or both as per Part 10 requirements

CRP's Initials



# BRITISH COLUMBIA BUILDING CODE 2024

## Schedule B - Continued

Building Permit Number  
(for authority having jurisdiction's use)

1305 SUMMIT AVENUE, PRINCE RUPERT, BC V8J 2A6

Project Address

## ELECTRICAL

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, NECB or Energy Step Code requirements
- 4.10 Plumbing systems, testing, confirmation or both as per 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, NECB or Energy Step Code requirements
- 6.10 Electrical systems, testing, confirmation or both as per 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

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