



To assist in expediting your application, please have the designer professional provide this department with a **detailed code analysis** of the building.

This form is an **example only** of some of the items in the Building Code that should be addressed. Please provide detailed information and code references to fully explain/justify your proposal.

**Address of Project:** \_\_\_\_\_

**BC Building Code, Current Edition**

**Use and Occupancy**

**Building Area**

Existing: \_\_\_\_\_

Add/New: \_\_\_\_\_

Total: \_\_\_\_\_

**Building Areas Separated by Firewalls**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

**Occupancy Classification (Articles 3.2.2.19 - 3.2.2.83 Subsection 9.10.2)**

Group (use): \_\_\_\_\_ No. of "Streets": \_\_\_\_\_ Combustible Construction: \_\_\_\_\_

Division: \_\_\_\_\_ Sprinklered: \_\_\_\_\_ Non-Combustible Construction: \_\_\_\_\_

Article: \_\_\_\_\_ Standpipes \_\_\_\_\_

No. of Storeys: \_\_\_\_\_

**Fire Resistance Rating of Building Components**

Floors: \_\_\_\_\_ Roof: \_\_\_\_\_ Mezzanines: \_\_\_\_\_ Support Structure: \_\_\_\_\_

**Non-Combustible Construction** (Subsection 3.1.5)  
Ensure all combustibles used, are permitted by this Subsection.  
Note: Flame Spread Rating

**Fire Separations And Closures** (Subsection 3.1.8)  
ie: fire dampers, hold open devices, wired glass etc.

**Spatial Separation** (Subsection 3.2.3 or 9.10.14)  
Provide calculations showing: wall areas, limiting distance, openings permitted/proposed, required wall construction/rating.

**Fire Alarm & Detection Systems** (Subsection 3.2.4)  
Provide drawings showing location of annicator panel, detection devices, pull station and provide sequence of operation for the system, etc.

**Fire Fighting Provisions** (Subsection 3.2.5)  
Provide drawings addressing: access routes, streets, hydrant location, access panels, F.D. connection, adequate water supply etc.

**High Building Requirements** (Subsection 3.2.6)  
Provide a detailed analysis of each article in Subsection 3.2.6. to indicate how the article is satisfied.

**Lighting & Emergency Power Systems** (Subsection 3.2.7)  
Show location on drawings.

**Interconnected Floor Requirements** (Subsection 3.2.8)  
Provide details to show how all the requirements are complied with.

**Safety Requirements Within Floor Areas** (Section 3.3)  
i.e. Public corridor or corridor used by the public, doors, ramps, stairs, etc.

**Exiting Requirements** (Section 3.4 or Subsection 9.9.8)  
Provide details: single exit, number, travel distance, exit width calculations, separation requirements, integrity etc.

**Exit Signs** (Subsection 3.4.5.)  
Provide drawings showing location of signs.

**Occupant Load** (Subsection 3.1.16)  
Show how the occupant load totals were calculated.  
Male: \_\_\_\_\_ Female: \_\_\_\_\_

**Part 5 Environmental Separation**  
Provide details to clearly show this Section has been addressed.

**Plumbing Facilities** (Subsection 3.7.4)  
Based on occupant load or justify.

**Requirements For Persons With Disabilities** (Subsection 3.8)  
Provide details to show compliance.

**Analysis Prepared By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Tel. No.:** \_\_\_\_\_ **Fax:** \_\_\_\_\_