

The BC Building Code Analysis Summary must be completed by the person responsible for the design of the project and must be included with the permit application.

PROJECT ADDRESS								
DESIGNER/ARCHITECT								
ADDRESS								
PHONE	E-MAIL							
TYPE OF PROJECT	☐ New Building ☐ Addition/Renovation ☐ Change of Use ☐ Other							
BUILDING (S)	☐ Without Fire Walls ☐ With Fire Walls # of Fire Walls _____							
BUILDING CLASSIFICATION DIVISION B	☐ Part 3 ☐ Part 9 Rating of Fire Walls: _____							
Base Building Code Edition:	Basement	Building 1	Building 2	Building 3	Building 4	Building 5	Building 6	Building 7
Occupancy								
Article								
Current Building Edition:								
Number of Stories								
Number of Streets								
Fully Sprinklered								
Construction Type								
Permitted Area								
Building Area								
Floor Rating								
Mezzanine Rating								
Floor Rating within Suites								
Roof Rating								
Load Bearing Rating								
Corridor Rating								
Exit Stair Rating								
Occupancy/Suite Separation								
Service Shafts								

Standpipes								
Exit Signs								
Emergency Lighting								
Panic Hardware								

SPATIAL CALCULATIONS		Subsection 3.2.3			
BUILDING NUMBER		NORTH	SOUTH	EAST	WEST
Area of Exposed Building Face					
Limiting Distance					
L/H Ratio					
Sprinklers					
% U.P.O. Permitted					
% U.P.O. Proposed					
Exterior Construction Requirements					
Fire Resistance Rating					

**Additional spatial calculation sheets may be required – one for each building.*

Please indicate ‘Yes’ or ‘No’ for each Fire Alarm & Detection System type:

FIRE ALARM & DETECTION SYSTEMS		Subsection 3.2.4	Not Applicable _____
Single Stage:	2 Stage:	Signal to Fire Department:	
Annunciator Panel:	Heat Detectors:	Smoke Detectors:	
Smoke Alarms:	Voice Communication:	Other:	

PROVISIONS FOR FIRE FIGHTING

Subsection 3.2.5

Provide separate drawing(s) identifying compliance. (i.e. Fire access routes, hydrant locations, fire department connections etc.

“Fire Truck Access Route Design Requirements” letter must be submitted for required fire truck access routes. The letter is to verify that the access route design can support the punch effect of outriggers.

ADDITIONAL REQUIREMENTS FOR HIGH BUILDINGS

Subsection 3.2.6

Not Applicable _____

Building Height:

Please provide a brief outline:

MEZZANINES AND OPENINGS THROUGH FLOOR ASSEMBLES

Subsection 3.2.8

Not Applicable

Enclosed Mezzanine Area:

Suite area in which mezz. is located:

Percentage:

Open Mezzanine Area:

Floor area in which mezz. is located:

Percentage:

Maximum Allowable Travel Distance:

Actual Travel Distance:

INTERCONNECTED FLOORS

Subsection 3.2.8

Not Applicable _____

Please provide description and requirements:

EGRESS AND EXITING REQUIREMENTS Section 3.3 & Section 3.4

Provide drawing(s) showing egress from floor areas to exits indicating occupant load, travel distance, maximum occupant load of exit doors, rating of exits, corridors and stairs, required widths of corridors for assembly and care facilities.

WASHROOM FACILITIES Section 3.7

Occupancy Type 1	Occupant Load	# of Female WC's	# of Male WC's
Occupancy Type 2	Occupant Load	# of Female WC's	# of Male WC's
	Totals		

PROVISIONS FOR PERSONS WITH DISABILITIES Section 3.8 Not Applicable _____

Please specify:

ALTERNATE SOLUTIONS DIVISION C – PART 2 Section 2.3 Not Applicable _____

Request for alternate solutions must be supported by appropriate documentation as identified in the current edition of the BC Building Code. Information on submission of alternate solutions reports can be obtained from the Building Department. The Alternative Solution Application Form is linked here: [Alternative Solution Application](#).

ADDITIONAL NOTES:

