

CHANGE IN MAJOR OCCUPANCY 2018 BC BUILDING CODE ANALYSIS

This form is to be completed if a Code Analysis, including all the following Code information is not provided by the Architect / Engineer in an alternative form.

Change in Major Occupancy fee: \$150 to be paid upon application

Project Description:

Date: _____

Name of Project: _____

Address of Project: _____

Analysis completed by: _____

Code Analysis:

Type of Work

New Construction Addition to Existing Structure Alteration Tenant Improvement

Basis for Code Analysis (Section 1.2, Div A):

Acceptable solutions and prescriptive requirements (Division B) Part 3 Part 9

Alternative compliance method

Alternative solutions (objective & functional statements & rationale required)

Building Area (see BCBC definitions):

Proposed building _____

Existing building _____

Addition _____

Total Building Area _____

Floor Area:

1st floor _____

2nd floor _____

3rd floor _____

Gross floor area _____

Firewalls are incorporated into overall design Yes No

Parking structures considered as separate buildings Yes No

Note: if firewall provided to reduce building area, a separate Code Analysis will be required for each building

Occupant Load (Table 3.1.17.1) (Provide calculations – i.e.: office use $\frac{\text{m}^2}{9.3} = x$, dining $\frac{\text{m}^2}{1.2} = X$)

Calculation: _____

Building Size and Construction (Articles 3.2.2.20 to 3.2.2.90) Subsection 9.10.8)

Major occupancies (Group / division): _____ Subsidiary Occupancies _____
 Number of streets _____ Building Height (storeys) _____
 Governing article 3.2.2 _____ Mezzanine (% of suite as per article 3.2.1.1) _____
 Automatic Sprinklers Yes No Fire Alarms Yes No
 Type of construction permitted Combustible Non-combustible

Fire Separation / Fire Resistance Rating of building components

Floors _____ Mezzanine _____
 Roof _____ Supports _____

Spatial Separation of Areas (subsection 3.2.3) (9.10.14)

	Area of exposed building face	Ratio L/H or H/L	Actual limiting distance	% Unprotected openings allowed	% Actual unprotected openings	Cladding (comb/N.C.)	Construction (comb/N.C.)	Fire Resistance Rating
North								
South								
East								
West								

Safety within floor areas (section 3.1.3, 3.3, 3.5 & 3.6)

Fire separations between major occupancies (table 3.1.3.1)

Suites or fire compartments _____ Corridor _____
 Repair garage 2hr FRR Yes No
 Storage garage 1.5hr FRR Yes No

Fire Separations within occupancies

Suites or fire compartments _____ Corridor _____

Fire Separation of exits _____ Service spaces _____

Interconnected floor spaces _____ Service rooms _____

(Section 3.5.8.2. (6) a, b, c or 3.2.8.3)

Egress requirements of areas (width and travel distance)

Suites or fire compartments _____ Corridor _____

Interconnected floor spaces _____

Other safety requirements

Smoke control / ventilation measures Yes No Standpipes required Yes No

Emergency power supply (duration) _____ Distance to hydrants _____

Emergency light required Yes No High building Yes No

NFPA sprinkler standard _____ Exit signs required Yes No

Exit requirements (section 3.4) (section 9.9)

	Number of exits required (from each floor area)	Number of exits provided (from each floor area)	Maximum travel distance (per section 3.4)	Actual travel distance (measured along walls if no interior layout provided)	Exit width
Mezzanine					
1st floor					
2nd floor					
3rd floor					

Health requirements (section 3.7) (based on occupant load)

of water closets required Male (wc) _____ Female _____

of water closets provided Male (wc / urinal) _____ Female _____

of universal water closets _____

Accessibility requirements (section 3.8)

Entrance _____ Parking spaces _____ Washrooms _____

Accessible floors _____ Ramps _____ Other _____

Professional requirements (subsection 2.2.7, Div. C Part 2)

- Coordination Registered Professional** Name _____
- Architectural** Name _____
- Structural** Name _____
- Mechanical** Name _____
- Plumbing** Name _____
- Fire Suppression** Name _____
- Electrical** Name _____
- Geotechnical** Name _____
- Civil** Name _____