



District of Sechelt
 Building Department, PO Box 129
 5797 Cowrie Street, Sechelt BC V0N 3A0
 Phone: 604-885-1986

Complex Building BC Building Code Analysis Summary

To assist in processing your building permit application, the following code analysis is to be completed by the person responsible for the design of the project and must accompany our application for complex buildings.

Project Address:								
Designer:								
Address:								
Phone:					Email:			
Type of Project:	<input type="checkbox"/> New Building		<input type="checkbox"/> Addition			<input type="checkbox"/> Other		
Buildings:	<input type="checkbox"/> Without Firewalls		<input type="checkbox"/> With Firewalls			Rating of Firewalls:		
Buildings Classification:	<input type="checkbox"/> Division B, Part 3			<input type="checkbox"/> Division B, Part 9				
	Basement	Building 1	Building 2	Building 3	Building 4	Building 5	Building 6	Building 7
Occupancy								
Article								
No. of Storeys								
No. of Streets								
Fully Sprinklered								
Const. Type								
Permitted Area								
Building Area								
Floor Rating								
Mezzanine Rating								
Floor Rating Within Suites								
Roof Rating								
Loadbearing Rating								
Corridor Rating								
Exit Stair Rating								
Occupancy/Suite Separations								
Service Shafts								
Standpipes								
Exit Signs								
Emergency Lighting								
Panic Hardware								

SPATIAL CALCULATIONS 3.2.3, DIVISION B				
BUILDING NO.	NORTH	SOUTH	EAST	WEST
Area of Exposed Building Face				
Limiting Distance				
L/H Ratio				
Sprinklers				
% UPO Permitted				
% UPO Proposed				
Exterior Construction Requirements				
Fire Resistance Rating				

Additional spatial calculation sheets may have to be provided.

FIRE ALARM & DETECTION SYSTEMS 3.2.4, DIVISION B			Not Applicable (N/A) <input type="checkbox"/>
Single Stage:	2 Stage:	Signal to Fire Department:	
Annunciator Panel:	Heat Detectors:	Smoke Detectors:	
Smoke Alarms:	Voice Communication:	Other:	

YES NO

PROVISIONS FOR FIREFIGHTING 3.2.5, DIVISION B
Provide fire truck access plan(s) & identify compliance. (i.e. fire access routes, hydrant locations, fire department connections, etc.).
Such plans shall be the same as those accepted at the Rezoning and PLR process. "Fire Truck Access Plan Requirements" can be obtained from the Building Department.

ADDITIONAL REQUIREMENTS FOR HEIGHT BUILDINGS 3.2.6, DIVISION B		Not Applicable (N/A) <input type="checkbox"/>
Building Height:		
Brief Outline:		

MEZZANINES AND OPENINGS THROUGH FLOOR ASSEMBLIES 3.2.8, DIVISION B			Not Applicable (N/A) <input type="checkbox"/>
Enclosed 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 3.2.8, DIVISION B	Not Applicable (N/A) <input type="checkbox"/>
Description and Requirements:	

EGRESS REQUIREMENTS 3.3 & 3.4, DIVISION B
Provide drawing(s) showing egress from floor area to exits indicating occupant load, travel distance, maximum occupant load of exit doors, rating of exits corridors and stairs.

WASHROOM FACILITIES 3.7 DIVISION B			
Occupancy Type:	Occupant Load:	No. of Female WC's:	No. of Male WC's:
Occupancy Type:	Occupant Load:	No. of Female WC's:	No. of Male WC's:
Totals:			

PROVISIONS FOR PERSONS WITH DISABILITIES 3.8, DIVISION B	Not Applicable (N/A) <input type="checkbox"/>
Refer to current addition of BC Building Code.	

ALTERNATIVE SOLUTIONS 2.3, DIVISION C	Not Applicable (N/A) <input type="checkbox"/>
Request for alternative solutions must be supported by appropriate documentation. Information on submission of alternative solution reports can be obtained from the Building Department.	

EXITS:				
OCCUPANT LOAD 3.1.17.1				
Room	Area (m ²)	÷	Area/person (m ²)	= Total
<input type="checkbox"/> Types of exits / Minimum of exits			3.4.1.4. /3.4.2.1.	
<input type="checkbox"/> Distance between exits			3.4.2.3.	
<input type="checkbox"/> Travel distance and location of exits			3.4.2.4. / 3.4.2.5.	
<input type="checkbox"/> Travel distance to exit in service space maximum 50 m			3.4.2.4.(3) / 3.2.1.1.(8)	
<input type="checkbox"/> Clear width of exit, corridor, stair, ramp and door			3.4.3.2. / Table 3.4.3.2. A & B	

<u>Exit capacity:</u> <input type="checkbox"/> 6.1 mm/person for: ramps <= 1:8, Doorways, corridors and passageways <input type="checkbox"/> 9.2 mm/person for: ramps > 1:8, Stairs (rise> 180 mm or run < 280 mm) <input type="checkbox"/> 8 mm/person for stairs (rise < = 180 mm and run > = 280 mm)	3.4.3.2
<input type="checkbox"/> Exit width encroachments permitted	3.4.3.3.
<input type="checkbox"/> Headroom	3.4.3.4.
<input type="checkbox"/> Flame spread rating for exits	Table 3.1.13.2. / Table 3.1.13.7
<input type="checkbox"/> Fire separation of exits	3.4.4.1 / 3.4.4.2. / 3.4.4.3.
<input type="checkbox"/> Integrity of exits	3.4.4.4.
<input type="checkbox"/> Minimum 3 risers	3.4.6.2. (Exception 3.3.2.14.)
<input type="checkbox"/> Treads and risers	3.4.6.8.
<input type="checkbox"/> Maximum of 3.7 m per flight, except Group B2	3.4.6.3.
<input type="checkbox"/> Length & width of landing	3.4.6.4.
<input type="checkbox"/> Number and height of handrails	3.4.6.5.
<input type="checkbox"/> Height of openings on guards	3.4.6.6.
<input type="checkbox"/> Numbers of handrails for stairs > 1100mm	3.4.6.5.
<input type="checkbox"/> Exit signs <input type="checkbox"/> Sign for basement stair	3.4.5.1. / 3.4.5.2.
<input type="checkbox"/> Gradient for ramps <input type="checkbox"/> Curved stairs	3.4.6.7. / 3.4.6.8. / 3.8.3.3.
<input type="checkbox"/> Horizontal exits <input type="checkbox"/> Exterior passageways	3.4.6.10. / 3.4.1.5. / 3.4.4.3.
<input type="checkbox"/> Exit at interconnected floor spaces	3.4.3.2.(6)
<input type="checkbox"/> Landings 300 mm wider and longer than door	3.4.6.11.
<input type="checkbox"/> Door swing <input type="checkbox"/> Sliding doors in exits	3.4.6.11. / 3.4.6.12. / 3.4.6.14.
<input type="checkbox"/> Exit doors to be self-closing	3.4.6.13
<input type="checkbox"/> Release hardware	3.4.6.16. / 3.3.2.7.
<input type="checkbox"/> Doors openable from inside without key	3.4.6.16.

NOTES

1. Please submit any additional information as may be deemed necessary to fully explain your proposal.
2. Cross sections and details of all required fire and sound separations and firewalls are to be included in the drawings submitted for Building Permit application. (Test No. and design data required for all tested assemblies etc. (e.g.: ULC).
3. This document is reviewed for general regulatory compliance only. Neither the granting of the permit, the review of this document, approval of the drawings and specifications nor inspections by the District shall in any way relieve the owner and/or designer from full responsibility for having the work carried out in accordance with the requirements of the governing provincial and municipal regulations.



Designer:

Signature:

Date: _____