



2024 BC BUILDING CODE ANALYSIS SUMMARY

SQUAMISH-LILLOOET REGIONAL DISTRICT BUILDING DEPARTMENT

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 your application.

| | | | | | | | | |
|--|---|------------|--|------------|--------------------------------|------------|------------|------------|
| PROJECT ADDRESS: | | | | | | | | |
| DESIGNER/ARCHITECT: | | | | | | | | |
| ADDRESS: | | | | | | | | |
| PHONE: | | | | | EMAIL: | | | |
| TYPE OF PROJECT : | <input type="checkbox"/> New Building | | <input type="checkbox"/> Addition | | <input type="checkbox"/> Other | | | |
| BUILDING (S): | <input type="checkbox"/> Without Fire Walls | | <input type="checkbox"/> With Fire Walls | | No. of Fire Walls _____ | | | |
| BUILDING CLASSIFICATION DIVISION B: | <input type="checkbox"/> Part 3 | | <input type="checkbox"/> Part 9 | | Rating of Fire Walls _____ | | | |
| Code Edition: _____ | Basement | Building 1 | Building 2 | Building 3 | Building 4 | Building 5 | Building 6 | Building 7 |
| Occupancy | | | | | | | | |
| Article | | | | | | | | |
| No. of Stories | | | | | | | | |
| No. of Streets | | | | | | | | |
| Fully Sprinkled | | | | | | | | |
| 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 have to be provided – one for every building

| 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: _____ |

Y (Yes) N (No)

| 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. This letter is to verify the design to support punch effect of outriggers. |

| ADDITIONAL REQUIREMENTS FOR HIGH BUILDINGS Subsection 3.2.6 | Not Applicable _____ |
|--|-----------------------------|
| Building Height _____ | |
| 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 _____ |
| Descriptions and Requirements: _____ _____ _____ | |

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|--|
| EGRESS AND EXITING REQUIREMENTS Section 3.3 & Section 3.4 |
| Provide drawings(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 | No. of Female WC's | No. of Male WC's |
| Occupancy Type 2 | Occupant Load | No. of Female WC's | No. of Male WC's |
| Totals: | | | |

| | |
|---|-----------------------------|
| PROVISIONS FOR PERSONS WITH DISABILITIES Section 3.8 | Not Applicable _____ |
| See Building Access Checklist | |

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|---|-----------------------------|
| ALTERNATIVE SOLUTIONS DIVISION C – PART 2 Section 2.3 | Not Applicable _____ |
| Request for alternative solutions must be supported by appropriate documentation as identified in the current edition of the BC Building Code. Information on submission of alternative solutions reports can be obtained from the Building Department. | |

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| NOTES: |
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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 applications. (Test No. and design data are required to be included on the drawings 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 SLRD 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 (print)

Signature

Date

(affix CRP Seal)