



**CITY OF  
PRINCE GEORGE**

# BC Building Code Checklist – Part 3

**Planning and Development Department**

1100 Patricia Blvd. | Prince George, BC, Canada V2L 3V9

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Project: \_\_\_\_\_  
 Civic address: \_\_\_\_\_  
 Permit No.: \_\_\_\_\_ Date: \_\_\_\_\_  
 CRP: \_\_\_\_\_  
 Certified Professional: \_\_\_\_\_

<b>1</b>	Value of Construction: \$ _____		Developed Site Area: _____ m <sup>2</sup>						
<b>2</b>	<b>BUILDING DATA:</b>								
	Building Area: _____ m <sup>2</sup>		Major Occupancy(ies): _____						
	Number of Streets: _____		Building Height: ..... Storey						
	Construction Type Classification: <input type="checkbox"/> COMBUSTIBLE / <input type="checkbox"/> NON-COMBUSTIBLE								
	<input type="checkbox"/> Construction Articles/Part 3: (3.2.2...../...../.....)				<input type="checkbox"/> High Building 3.2.6				
	<input type="checkbox"/> Fire Wall: <input type="checkbox"/> 2 h <input type="checkbox"/> / <input type="checkbox"/> 4 h <input type="checkbox"/>		<input type="checkbox"/> Mezzanine(s)		<input type="checkbox"/> 3.2.1.2 Horizontal Fire Separation				
	<input type="checkbox"/> Sprinkler System		<input type="checkbox"/> Standpipe System		<input type="checkbox"/> Fire Alarm System				
	Fire Resistance Rating: FLOOR: _____ hr/ MEZZ.: _____ hr/ ROOF: _____ hr/LOAD BEARING: _____ hr								
<b>3</b>	<b>SPATIAL SEPARATION:</b>								
	Wall								
		<i>Limiting Distance</i>	<i>Area Exposing Building Face</i>	<i>L/H Ratio</i>	<i>% Opening Actual</i>	<i>% Opening Allowed</i>	<i>Type of Construction</i>	<i>Fire Rating</i>	<i>Cladding</i>
	<i>North</i>								
	<i>South</i>								
	<i>East</i>								
	<i>West</i>								
	<input type="checkbox"/> Openings protected L.D. <1.2 m				3.2.3.5 (9.10.14.4.2)				
	<input type="checkbox"/> Combustible projections 1.2 m from PL				3.2.3.6.1 (9.10.15.5.5)				
	<input type="checkbox"/> Projecting roof soffits				3.2.3.6 (9.10.14.5.11)				
	<input type="checkbox"/> Max. size opening L.D. <2.0 m				3.2.3.1.5 (9.10.14.4.3)				
	<input type="checkbox"/> Spacing of openings 2 m				3.2.3.1.6 (9.10.14.4.4)				
	<input type="checkbox"/> Exit facilities protected				3.2.3.13				
	<input type="checkbox"/> Wall exposed to another wall				3.2.3.14				
	<input type="checkbox"/> Protection of exposed soffit (if permitted by 3.2.3.6)				3.2.3.16 / 3.2.3.6 (9.10.12.4)				
	<input type="checkbox"/> Wall exposed to adjoining roof				3.2.3.15				
	<input type="checkbox"/> Class A, B or C roof covering				3.1.15.2				

<b>4</b>	<b>PROVISIONS FOR FIRE FIGHTING:</b>	
	<input type="checkbox"/> Access above grade / <input type="checkbox"/> Access below grade	3.2.5.1 / 3.2.5.2 (9.10.20.1 / 2)
	<input type="checkbox"/> Sprinklers required / <input type="checkbox"/> Sprinkler standards	3.2.2.18 / 3.2.5.12 (9.10.1.3.8)
	<input type="checkbox"/> Access route location and design	3.2.5.4 - 3.2.5.6 (9.10.20.3)
	<input type="checkbox"/> Access to roof over 3 storeys	3.2.5.3
	<input type="checkbox"/> Standpipes and hose connections	3.2.5.8 - 3.2.5.11 (9.10.1.3.9)
<b>5</b>	<b>FIRE SEPARATION BETWEEN OCCUPANCIES AND TENANTS, FLOOR AREAS AND SHAFTS:</b>	
	<input type="checkbox"/> Separation of major occupancies	3.1.3.1 / Table 3.1.3.1
	<input type="checkbox"/> Prohibited combination of occupancies	3.1.3.2
	<input type="checkbox"/> Fire separation between suites	3.3.1.1 (9.10.9.13)
	<input type="checkbox"/> Fire separation for public corridor	3.3.1.4 (9.10.9.15)
	<input type="checkbox"/> Fire separation for corridors serving an Assembly occupancy	3.3.2.6 (9.10.1.3.2)
	<input type="checkbox"/> Fire separation for Residential occupancy	3.3.4.2 (9.10.9.11)
	<input type="checkbox"/> Fire separation of Group A, Division 1 occupancy (OL > 200 persons)	3.3.2.2
	<input type="checkbox"/> Fire separation of roof supporting occupancy	3.2.2.13 (9.10.8.7)
	<input type="checkbox"/> Walkway between buildings	3.2.3.19
	<input type="checkbox"/> Underground walkways	3.2.3.20
	<input type="checkbox"/> Fire separation of repair garages and storage garages	3.3.5.5 / 3.3.5.6 (9.10.9.16 / 9.10.9.17)
	<input type="checkbox"/> Vestibules	3.3.5.4.1 / 3.3.5.7
	<input type="checkbox"/> Hazardous substances	3.3.1.2 / BCFC (9.10.1.3.4)
<b>6</b>	<b>CONSTRUCTION OF FIRE SEPARATIONS AND CLOSURES:</b>	
	<input type="checkbox"/> Basis for fire separations (Article of Appendix D, ULC/CUL/WH Listing)	3.1.7 (9.10.3)
	<input type="checkbox"/> Protection of openings	3.1.8.1 (9.10.9.3 - 9.10.13)
	<input type="checkbox"/> Support of fire separations	3.1.8.2 (9.10.9.8)
	<input type="checkbox"/> Continuity of separations	3.1.8.3 (9.10.9.2)
	<input type="checkbox"/> Fire-protection rating of closures	3.1.8.4 / 3.1.8.10
	<input type="checkbox"/> Maximum openings in firewalls	3.1.10.5 (9.10.11.3)
	<input type="checkbox"/> Maximum dimensions of openings	3.1.8.6 (9.10.13.8)
	<input type="checkbox"/> Self closing devices	3.1.8.11 (9.10.13.10)
	<input type="checkbox"/> Latches required on swing doors	3.1.8.13 (9.10.13.9)

	<input type="checkbox"/> Wired glass and glass block in exit enclosures	3.1.8.16 / 3.1.8.17 / Table 3.1.8.15 (9.10.13.5)			
	<input type="checkbox"/> Wired glass and glass block in fire separations	3.1.8.14 (9.9.4.3)			
	<input type="checkbox"/> Temperature rise rated doors	3.1.8.15 / 3.1.8.17 / Table 3.1.8.15 (9.10.13.1)			
	<input type="checkbox"/> Fire dampers / <input type="checkbox"/> Hold-open devices	3.1.8.7 - 3.1.8.9 / 3.1.8.12 (9.10.13.11 / 9.10.13.13)			
<b>7</b>	<b>EXITS:</b>				
	<b>Occupant Load 3.1.17.1 (9.9.1.3)</b>				
	Room	Area (m <sup>2</sup> )	÷	Area/person (m <sup>2</sup> )	= Total
	<input type="checkbox"/> Types of exits / <input type="checkbox"/> Minimum of 2 exits	3.4.1.4 / 3.4.2.1 (9.9.2.1 / 9.9.8.2)			
	<input type="checkbox"/> Distance between exits	3.4.2.3 (9.9.8.4)			
	<input type="checkbox"/> Travel distance and location of exits	3.4.2.4 / 3.4.2.5 (9.9.7.4 / 9.9.8.4)			
	<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 (9.9.3.2 / 9.9.3.3)			
	<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 (9.9.5.4 - 9.9.6 / 9.8.7.6)			
	<input type="checkbox"/> Headroom	3.4.3.4 (9.9.3.4 - 9.8.2.2 / 9.8.6.4 / 9.9.6.2)			
	<input type="checkbox"/> Flame spread rating for exits	Table 3.1.13.2. / Table 3.1.13.7 (9.10.17.1)			
	<input type="checkbox"/> Fire separation of exits	3.4.4.1. / 3.4.4.2 / 3.4.4.3 (9.9.4.2)			
	<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) (9.8.3.2)			
	<input type="checkbox"/> Treads and risers	3.4.6.8 (Table 9.8.4.1 / Table 9.8.4.2)			
	<input type="checkbox"/> Maximum of 3.7 m per flight, except Group B2	3.4.6.3 (9.8.3.3)			
	<input type="checkbox"/> Length and width of landing	3.4.6.4 (9.8.6.3 - Table 9.8.6.3)			
	<input type="checkbox"/> Number and height of handrails	3.4.6.5 (Table 9.8.7.1 / 9.8.7.4)			

	<input type="checkbox"/> Height of openings on guards	3.4.6.6 ( 9.8.8.6)
	<input type="checkbox"/> Number of handrails for stairs > 1100 mm	3.4.6.5 (Table 9.8.7.1)
	<input type="checkbox"/> Exit signs / <input type="checkbox"/> Sign for basement stair	3.4.5.1. / 3.4.5.2 (9.9.11.2 / 3 / 4)
	<input type="checkbox"/> Gradients for ramps / <input type="checkbox"/> Curved stairs	3.4.6.7 / 3.4.6.8 / 3.8.3.3 (9.8.5.4 /9.8.4.4 / 9.8.5)
	<input type="checkbox"/> Horizontal exits / <input type="checkbox"/> Exterior passageways	3.4.6.10 / 3.4.1.5 / 3.4.4.3 (9.9.2.1.3)
	<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 (9.9.6.6)
	<input type="checkbox"/> Door swing / <input type="checkbox"/> Sliding doors in exits	3.4.6.11 / 3.4.6.12 / 3.4.6.14 (9.9.6.4 / 5)
	<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 (9.9.6.7)
	<input type="checkbox"/> Doors openable from inside without key	3.4.6.16 (9.9.6.7)
<b>8</b>	<b>SAFETY REQUIREMENTS WITHIN FLOOR AREAS:</b>	
	<input type="checkbox"/> Means of egress from roof and terraces	3.3.1.3.3 (9.9.7.1.1)
	<input type="checkbox"/> Double doors into public corridor, exit in opposite directions	3.3.1.3.9 (9.9.7.2.2)
	<input type="checkbox"/> Roof top enclosure > 200 m <sup>2</sup> , 2 means of egress	3.3.1.3.6 (9.9.7.1.2)
	<input type="checkbox"/> 2 means of egress required for service spaces greater than 200 m <sup>2</sup> or travel distance > 25 m	3.3.1.3.7
	<input type="checkbox"/> 2 egress doorways; min. 1/3 diagonal separation	3.3.1.5 (9.9.7.4)
	<input type="checkbox"/> Travel distance	3.3.1.6 (9.9.7.6)
	<u>Doors in access to exit:</u> <input type="checkbox"/> Minimum 800 mm for single leaf clear opening <input type="checkbox"/> Minimum 800 mm for active leaf in double door <input type="checkbox"/> Readily openable without use of keys <input type="checkbox"/> Not open onto a step	3.3.1.13 / 3.3.3.4 (9.9.6.3 / 9.9.6.6 / 9.9.6.7)
	<input type="checkbox"/> Hazardous substances	3.3.1.2 / BCFC (9.10.1.3.4)
	<input type="checkbox"/> Design of hazardous areas	3.3.6 / BCFC (9.10.1.3.4)
	<input type="checkbox"/> Door swing : Occupant load > 60 or F1 occupancy must swing in direction of exit travel	3.3.1.11 (9.9.6.5.2)
	<input type="checkbox"/> Minimum width of corridor	3.3.1.9 / 3.3.3.3.3 (9.9.3.3)
	<u>Capacity of access to exit:</u> <input type="checkbox"/> Corridors, passageways, doorways, and ramps not more than 1 in 8 – 6.1 mm/person <input type="checkbox"/> Stairs <input type="checkbox"/> Ramps > 1 in 8 – (9.2 mm/person) <input type="checkbox"/> B2 and B3 occupancies – 18.4 mm/person	3.3.1.17 / 3.4.3.2.1 – 8
	<input type="checkbox"/> Guards at roof, shaft, balcony, etc.	3.3.1.18 (9.8.8.3)
	<input type="checkbox"/> Protection of openable windows	3.3.4.8 (9.8.8.1.5)
	<input type="checkbox"/> Explosion venting	3.3.1.20 ( 9.32.1.1.2)
	<input type="checkbox"/> Flame spread rating <input type="checkbox"/> Flame spread rating in elevator cab	3.1.13.2 / Table 3.1.13.2 / 3.1.13.11 (9.10.3.2)

	<input type="checkbox"/> Ventilation for commercial cooking equipment	3.3.1.2.2 (9.10.1.4)
	<b>Foam plastics protection in:</b>	
	<input type="checkbox"/> Combustible construction	3.1.4.2 (9.10.17.10)
	<input type="checkbox"/> Non-combustible construction	3.1.5.12 (9.10.6.1)
	<b>Requirements by occupancy:</b>	
	<input type="checkbox"/> Assembly A1, A2, A3, A4	3.3.2
	<input type="checkbox"/> Denton B1, Treatment B2, Care B3	3.3.3
	<input type="checkbox"/> Residential C	3.3.4
	<input type="checkbox"/> Industrial F1, F2, F3	3.3.5
<b>(9)</b>	<b>LIGHTING AND EMERGENCY POWER:</b>	
	<input type="checkbox"/> Lighting for exits, public corridors, and rooms	3.2.7.1 (9.9.12.2)
	<input type="checkbox"/> Emergency lighting	3.2.7.3 (9.9.12.3)
	<input type="checkbox"/> Emergency power for lighting	3.2.7.4 (9.9.12.2 / 9.9.12.3)
	<input type="checkbox"/> Emergency power for fire alarm systems	3.2.7.8 (9.10.18.3)
	<input type="checkbox"/> Emergency power for B2 occupancies	3.2.7.6
	<input type="checkbox"/> Emergency power for building services	3.2.7.9
	<input type="checkbox"/> Emergency conductor protection	3.2.7.10
<b>10</b>	<b>FIRE ALARMS:</b>	
	<input type="checkbox"/> Buildings requiring a fire alarm system	3.2.4.1 (9.10.18.2)
	<input type="checkbox"/> Continuity of fire alarm systems	3.2.4.2 (9.10.18.3)
	<input type="checkbox"/> Types of systems	3.2.4.3 / 3.2.4.4 (9.10.18.3)
	<input type="checkbox"/> Signals to fire department	3.2.4.8 (9.10.18.3)
	<input type="checkbox"/> Zoning of fire alarm systems	3.2.4.9 (9.10.18.3)
	<input type="checkbox"/> Fire detectors	3.2.4.11 (9.10.18.4)
	<input type="checkbox"/> Smoke detectors	3.2.4.12 (9.10.18.3)
	<input type="checkbox"/> Sprinkler system monitoring	3.2.4.16 (9.10.18.3)
	<input type="checkbox"/> Manual pull stations	3.2.4.17 (9.10.18.3)
	<input type="checkbox"/> Smoke alarms	3.2.4.21 (9.10.19)
<b>11</b>	<b>REQUIREMENTS FOR MEZZANINES AND INTERCONNECTED FLOOR SPACES:</b>	
	<input type="checkbox"/> 10% mezzanine (not a storey) <input type="checkbox"/> 40% mezzanine (not a storey)	3.2.1.1 (9.10.4.1)
	<input type="checkbox"/> Termination of vertical fire separation	3.2.8.1 (9.10.12.1)
	<input type="checkbox"/> Mezzanine egress	3.4.2.2 (9.9.8.6)
	<input type="checkbox"/> Interconnected floor space not permitted in B2 occup.	3.2.8.1 (9.10.9.5)
	<input type="checkbox"/> Openings through horizontal fire separation for vehicular ramps in storage garage	3.2.8.2.2

	<input type="checkbox"/> Openings in fire separation for manufacturing process	3.2.8.2.3
	<input type="checkbox"/> Openings for stairways, escalators, moving walkways	3.2.8.2.5 / 6
	<input type="checkbox"/> Interconnected first floor and floor below or above	3.2.8.2.6 (9.10.9.5)
	<input type="checkbox"/> Construction of interconnected floor space non-comb.	3.2.8.3 (9.10.9.5)
	<input type="checkbox"/> Exit requirements	3.4.3.2.6 (9.9.3)
	<input type="checkbox"/> Elevator openings	3.2.8.5.3
	<input type="checkbox"/> Sprinkler system / <input type="checkbox"/> Draft stops / <input type="checkbox"/> Smoke control	3.2.8.4 / 3.2.8.7 / 3.2.8.8
<b>12</b>	<b>SERVICE FACILITIES:</b>	
	<input type="checkbox"/> No storage in services spaces	3.6.1.3
	<input type="checkbox"/> Fire separation of service rooms	3.6.2.1 (9.10.10.3)
	<input type="checkbox"/> No boiler under exit / <input type="checkbox"/> Door swing	3.6.2.2 / 3.6.2.6 (9.9.5.8)
	<input type="checkbox"/> Fire separation of janitor rooms	3.3.1.21
	<input type="checkbox"/> Fire separation of laundry rooms	3.3.1.22
	<input type="checkbox"/> Fire separation and sprinklers for residential storage rooms	3.3.4.3 (9.10.10.6)
	<input type="checkbox"/> Fire separation of electrical equipment vaults	3.6.2.7
	<input type="checkbox"/> Fire separation for elevator shafts	3.5.3.1 / Table 3.5.3.1
	<input type="checkbox"/> Fire separation for vertical services spaces	3.6.3.1 / Table 3.6.3.1
	<input type="checkbox"/> Fire separation at top/bottom of vertical service space	3.6.3.1
	<input type="checkbox"/> Fire separation of horizontal service spaces	3.6.4.2
	<input type="checkbox"/> Fire separation of fuel fired service	3.6.2.1 (9.10.10.4 / 9.10.10.5)
	<input type="checkbox"/> Fire separation and sprinklers for garbage rooms	3.6.2.5 (9.10.10.6)
	<input type="checkbox"/> Linen and garbage chutes and rooms	3.6.3.3 (9.10.10.6)
	<input type="checkbox"/> Negative pressure required for vertical service space	3.6.3.4 (9.10.9.18.1)
	<input type="checkbox"/> Ceiling spaces used as plenums	3.6.4.3 (9.13.1.3)
	<input type="checkbox"/> Ceiling panels - hold-down clips	3.6.4.3 (9.10.3.4)
	<input type="checkbox"/> Access to attic or roof space	3.6.4.4 (9.19.2.1)
	<input type="checkbox"/> Access to horizontal service space	3.6.4.5
	<input type="checkbox"/> Access to crawl space	3.6.4.6 (9.18.2)
<b>13</b>	<b>HEALTH REQUIREMENTS:</b>	
	<input type="checkbox"/> Height in sleeping rooms	3.7.1.1 / 9.5.3 (Table 9.5.3.1)
	<input type="checkbox"/> Room ventilation	6.2.2.1 / 6.2.2.2 (9.32)
	<input type="checkbox"/> Medical gas piping systems	3.7.3.1 / CSA Z7396.1 (9.31.1.1.3)

<u>Plumbing Facilities 3.7.2.:</u>			
<i>Occupancy</i>	<i># of persons of each sex</i>	<i># of water closets required</i>	<i># of water closets provided</i>
<b>14</b>	<b>REQUIREMENTS FOR DISABLED PERSONS:</b>		
	<u>When required:</u> <input type="checkbox"/> New buildings – not required in: Group C occupancy, Group F1 occupancy, Group E < 50 m <sup>2</sup> , certain 2-storey buildings with max. 600 m <sup>2</sup> above or below first storey <input type="checkbox"/> Areas requiring barrier-free path of travel <input type="checkbox"/> Existing buildings	3.8.2.1 (9.5.2.1)	
	<input type="checkbox"/> Main entrances	3.8.3.1 3.8.4.1	
	<input type="checkbox"/> Width of path of travel – minimum 1500 mm	3.8.3.5 (9.5.2.1)	
	<input type="checkbox"/> Ground and floor surfaces	3.8.3.2 (9.5.2.1)	
	<input type="checkbox"/> Viewing positions	3.8.3.2 (9.5.2.1)	
	<input type="checkbox"/> Viewing positions	3.8.3.15 (9.5.2.1)	
	<u>Parking:</u>		
	<input type="checkbox"/> Access to parking areas	3.8.2.3 / 3.8.2.38 (9.5.2.1)	
	<input type="checkbox"/> Number of stalls required	3.8.3.4 (9.5.2.1)	
	<input type="checkbox"/> 3.7 m wide	3.8.3.4 (9.5.2.1)	
	<input type="checkbox"/> Identification required	3.8.3.4 (9.5.2.1)	
	<input type="checkbox"/> Surface treatment	3.8.3.4 (9.5.2.1)	
	<u>Accessible washrooms:</u>		
	<input type="checkbox"/> Where required	3.8.2.3 (9.5.2.1)	
	<input type="checkbox"/> Water closet stalls min. 1500 mm x 1500 mm	3.7.2.10.2 (9.5.2.1)	
	<input type="checkbox"/> Door min. 800 mm clear opening accessories	3.7.2.10.2 (9.5.2.1)	
	<input type="checkbox"/> Water closets	3.7.2.10.3 (9.5.2.1)	
	<input type="checkbox"/> Location of urinals	3.7.2.10.6 (9.5.2.1)	
	<input type="checkbox"/> Grab bars, wash basins, mirrors	3.7.2.10.4 / 5 / 7 ( 9.31.2.3)	
	<input type="checkbox"/> Universal toilet rooms	3.7.2.10.9 (9.5.2.1)	
	<input type="checkbox"/> Bathtubs / <input type="checkbox"/> Showers	3.7.2.10.10 / 11 (9.5.2.1)	
	<input type="checkbox"/> Doors and vestibules in barrier-free path	3.3.1.13 (9.5.2.1)	
	<input type="checkbox"/> Power doors in hotels, B2, B3, A, D, or E > 500 m <sup>2</sup>	3.8.3.5.4 (9.5.2.1)	
	<u>Ramps:</u>	3.8.3.3 (9.8.5.1.2)	

