District of Sooke

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Clear Form | Print

Name of Practice:

Name of Project:

Location:

Date:

Architect/Engineers Seal

			Building Code Reference Part 3	Building Code Reference Part 9
	British Columbia Building Code Building Code Analysis Parts 3 & 9			
1	Building Code Version:	Last Amendment: _____		
2	Project Type:	☐ New ☐ Change of Use ☐ Addition ☐ Addition and Renovation ☐ Renovation	[A] 1.1.1.1.(1)	[A] 1.1.1.1.(1)
3	Major Occupancy Classification: Insert additional lines on a separate sheet if needed	Any Superimposed Occupancies: ☐ Yes ☐ No Floor Occupancy(s) Basement: _____ 1st Floor _____ 2nd Floor _____ 3rd Floor _____ 4th Floor _____ 5th Floor _____ 6th Floor _____	3.1.2.1.(1) 3.1.2.1.(2)	9.10.2.1.
4	Building Area (m^2): Insert additional lines on a separate sheet if needed	Description / Existing / New / Total _____ _____ _____ _____ _____ _____ _____ _____ Total: _____ _____ _____	[A] 1.3.3.4.	[A] 1.3.3.4.
5	Floor Area (m^2): Insert additional lines on a separate sheet if needed	Existing / New / Total Basement: _____ _____ _____ 1st Floor _____ _____ _____ 2nd Floor _____ _____ _____ 3rd Floor _____ _____ _____ 4th Floor _____ _____ _____ 5th Floor _____ _____ _____ 6th Floor _____ _____ _____ Total: _____ _____ _____	[A] 1.4.1.2.	[A] 1.4.1.2.

6	Mezzanine Area (m^2): Insert additional lines on a separate sheet if needed	Location _____ Existing _____ New _____ Total _____ _____ _____ _____ _____ _____ _____ _____ _____	[A] 1.4.1.2. 3.2.1.1.	[A] 1.4.1.2. 9.10.4.1.
7	Building Height:	Storeys above grade _____ Above grade height _____(m) Storeys below grade _____	3.2.1.1.	9.10.4.1. 9.10.4.2.
8	High Building	☐ Yes ☐ No	3.2.6.	
9	Exit Facilities: Insert additional lines on a separate sheet if needed	Every floor area that is intended for occupancy has been provided with access to exits and exits that comply; Basement: ☐ Yes ☐ No ☐ N/A 1st Floor: ☐ Yes ☐ No ☐ N/A 2nd Floor: ☐ Yes ☐ No ☐ N/A 3rd Floor: ☐ Yes ☐ No ☐ N/A 4th Floor: ☐ Yes ☐ No ☐ N/A 5th Floor: ☐ Yes ☐ No ☐ N/A 6th Floor: ☐ Yes ☐ No ☐ N/A Mezzanines: ☐ Yes ☐ No ☐ N/A	3.3. 3.4.	9.9.
10	Direction of Door Swings, Ramps, Stairs, Handrails, and Guards: Insert additional lines on a separate sheet if needed	Every door, ramp, stair, handrail, and guard comply Basement: ☐ Yes ☐ No ☐ N/A 1st Floor: ☐ Yes ☐ No ☐ N/A 2nd Floor: ☐ Yes ☐ No ☐ N/A 3rd Floor: ☐ Yes ☐ No ☐ N/A 4th Floor: ☐ Yes ☐ No ☐ N/A 5th Floor: ☐ Yes ☐ No ☐ N/A 6th Floor: ☐ Yes ☐ No ☐ N/A Mezzanines: ☐ Yes ☐ No ☐ N/A	3.4.6.	9.8. 9.9.6.5.
11	Number of Streets/Firefighter Access	_____ Street(s)	3.2.2.10. 3.2.5.	9.10.20.3.
12	Building Classification:	3.2.2._____. Group/Div. _____	3.2.2.20.-90.	9.10.2.1.(1)
13	Sprinkler System:	☐ Required ☐ Not Required Proposed ☐ Entire building ☐ In lieu of roof rating ☐ Basement ☐ None	3.2.2.18. 3.2.5.12.	9.10.1.3.(8) 9.10.8.2.
14	Standpipe System:	☐ Required ☐ Not Required	3.2.5.8.	9.10.1.3.(9) 9.10.21.9
15	Fire Alarm System:	☐ Required ☐ Not Required Proposed: ☐ Single stage ☐ Two stage	3.2.4. 3.2.4.3.	9.10.18.
16	Water Supply Adequate for Firefighting: (Included calculations)	☐ Yes ☐ No	3.2.5.7.	
17	Potable Water Service/ Supply Adequate: (Included calculations)	☐ Yes ☐ No	7.1.3.1.	9.31.3.1.
18	Permitted Construction :	Permitted: ☐ Combustible ☐ Non-combustible ☐ Combination Actual: ☐ Combustible ☐ Non-combustible ☐ Combination Heavy Timber: ☐ Yes ☐ No	3.2.2.20.-90.	9.10.6.

19	Importance Category:	☐ Low ☐ Low human occupancy ☐ Post-disaster shelter ☐ Normal ☐ High ☐ Minor storage building ☐ Explosive or Hazardous substances ☐ Post-disaster	4.1.2.1.(3)	
20	Seismic Restraint Threshold Value	$(I_E F_a S_a (0.2))$= _____ Seismic design required for Table 4.1.8.18 items 6 to 22: ($(I_E F_a S_a (0.2)) \geq 0.35$ or Post-disaster) ☐ Yes ☐ No	4.1.8.	
21	Occupant Load: Insert additional lines on a separate sheet if needed	Floor Area / Occupancy Type / Based on m^2/Person / Occupant load (Persons) Basement _____ _____ _____ 1st Floor _____ _____ _____ 2nd Floor _____ _____ _____ 3rd Floor _____ _____ _____ 4th Floor _____ _____ _____ 5th Floor _____ _____ _____ 6th Floor _____ _____ _____	3.1.17.	9.9.1.3.
22	Barrier-free Design:	☐ Yes ☐ No - Why _____	3.8.	9.5.2. 3.8.
23	Hazardous Substances:	☐ Yes - Explanation _____ ☐ No	3.3.1.2. 3.3.1.20.(1)	9.10.1.3.(4)
24	Required Fire Resistance Ratings: Insert additional lines on a separate sheet if needed	Horizontal Assemblies FRR (Hours) / Listed Design No. or Description / Noncombustible in lieu of Rating? Floors over basements _____ Hours _____ ☐ Yes Floors _____ Hours _____ ☐ Yes Mezzanine _____ Hours _____ ☐ Yes Roof _____ Hours _____ ☐ Yes FRR of Supporting Members / Listed Design No. or Description / Noncombustible in lieu of Rating? Floors _____ Hours _____ ☐ Yes Mezzanine _____ Hours _____ ☐ Yes Roof _____ Hours _____ ☐ Yes	3.1.17. 3.2.1.6.(1) 3.1.3.1. 3.2.2.20.-90.	9.10.8.
25	Spatial Separation: Insert additional lines on a separate sheet if needed		3.2.3	9.10.14

Wall	Area of EBF m^2	L.D. (m)	L/H or H/L	Permitted Max.% of Openings	FRR (Hours)	Listed Design or Description	Comb. Const.	Comb Const. Non– Comb. Cladding	Non-Comb. Construction
North	_____	_____	_____	_____	_____	_____	_____	_____	_____
South	_____	_____	_____	_____	_____	_____	_____	_____	_____
East	_____	_____	_____	_____	_____	_____	_____	_____	_____
West	_____	_____	_____	_____	_____	_____	_____	_____	_____

26	Plumbing Fixture Requirements: Insert additional lines on a separate sheet if needed	Ratio Male : Female = 50:50 Except as noted otherwise Occupant Load / NBC Reference / Fixtures Required M/F / Fixtures Provided M/F Basement _____ _____ _____ _____ 1st Floor _____ _____ _____ _____ 2nd _____ _____ _____ _____ 3rd _____ _____ _____ _____ 4th 5th _____ _____ _____ _____ 6th	3.7.2.	9.31.1.(1),(2) 3.7.2.
27	Energy Efficiency:	Step ___ of the Energy Step Code Climate Zone: ☐ 4 ☐ 5	10.2.3.	9.36.6.

THIS SPACE MAY BE USED FOR ADDITIONAL INFORMATION.