SNOW LOADS FOR STRUCTURAL DESIGN

PUBLISHED: MAY 5, 2025

ELEVATION RANGE

- > 270 m
- 135 to 270 m
- 60 to 135 m
- 10 to 60 m
- 0 to 10 m

DISTRICT OF NORTH VANCOUVER

DISTRICT OF WEST VANCOUVER

CITY OF NORTH VANCOUVER

CAPILANO INDIAN RESERVE #5

MISSION INDIAN RESERVE #1

SEYMOUR CREEK INDIAN RESERVE #2

BURRARD INDIAN RESERVE #3

Capilano Lake

Capilano River

Lynn Creek

Seymour River

Rice Lake

Deep Cove

Grey Rock Island

White Rock

Roche Point

Brockton Point

Beaver Lake

Burrard Inlet

Indian Arm

GROUND SNOW LOAD

GSL	Elevation	
2.6 kPa	0 to 10 m	0 to 30 ft
2.8 kPa	10 to 60 m	30 to 200 ft
3.0 kPa	60 to 135 m	200 to 440 ft
3.3 kPa	135 to 270 m	440 to 880 ft
-5.86 + (0.0336 * Elev(m))	over 270m	over 880 ft
0.3kPa	Rain load factor	

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0 500 1,000 Meters

SCALE: 1:12,500

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