

DISTRICT OF SECHELT

Bylaw No. 409-2, 2007

A Bylaw to Amend the District of Sechelt Building Bylaw

WHEREAS the *Community Charter* authorizes the District of Sechelt, for the health, safety and protection of persons and property to regulate the construction, alteration, repair, or demolition of buildings and structures by bylaw;

AND WHEREAS the Province of British Columbia has adopted a Building Code to govern standards in respect of the construction, alteration, repair and demolition of buildings in municipalities and regional districts in the Province;

AND WHEREAS it is necessary to amend a schedule to the Bylaw to incorporate new Climatic Data as prescribed by the Meteorological Service of Environment Canada;

NOW THEREFORE THE COUNCIL OF THE DISTRICT OF SECHELT, in an open meeting assembled, enacts as follows:

1. **TITLE**

This bylaw may be cited for all purposes as “**District of Sechelt Building Bylaw No. 409, 2003, Amendment Bylaw No. 409-2, 2007**”.

2. **PROVISIONS**

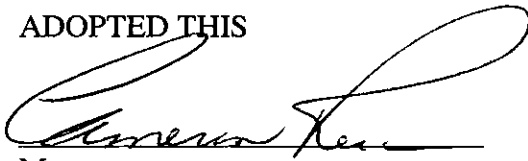
Schedule "B" attached to and forming part of Bylaw No. 409, 2003 that describes Climatic Data established by Environment Canada is deleted in its entirety and replaced with Schedule "B", attached to and forming part of this Bylaw.

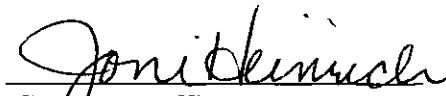
READ A FIRST TIME THIS	21st	DAY OF	February,	2007
------------------------	------	--------	-----------	------

READ A SECOND TIME THIS	21st	DAY OF	February,	2007
-------------------------	------	--------	-----------	------

READ A THIRD TIME THIS	21st	DAY OF	February,	2007
------------------------	------	--------	-----------	------

ADOPTED THIS	7th	DAY OF	March,	2007
--------------	-----	--------	--------	------


Mayor


Corporate Officer

SCHEDULE "B"
to Building Bylaw No. 409-2, 2007
Climatic Data for Sechelt, BC (49° 28' 0"N 123°46' 0"W)
Elevation 25 metres above sea level*

January	2 1/2% Design dry bulb temperature	-8° C
January	1% Design dry bulb temperature	-10° C
July	2 1/2% Design dry bulb temperature	26° C
July	2 1/2% Design wet bulb temperature	18° C
Annual total degree-days below 18° C		3,050
Maximum fifteen-minute rainfall		8 mm
Maximum one day rainfall		70 mm
Annual rainfall		1,140 mm
Annual total precipitation		1,200 mm
Moisture Index		1.27
Ground snow load, snow component S (s) 30 years		2.0 kPa
Ground snow load, rain component S (r) 30 years		0.4 kPa
Ground snow load, snow component S(s) 50 years		2.2 kPa
Ground snow load, rain component S(r) 50 years		0.4 kPa
Driving Rain Wind Pressure, 1/5		160 kPa
Hourly wind pressure 1/10		0.42 kPa
Hourly wind pressure 1/30		0.55 kPa
Hourly wind pressure 1/50		0.61 kPa
Hourly wind pressure 1/100		0.71 kPa

Earthquake design requirements - National Building Code Interpolated seismic hazard values:

2% probability of exceedance in 50 years (0.000404 per annum)

Where Sa is Spectral Acceleration and T is the period in seconds

Sa (0.2)	Sa (0.5)	Sa (1.0)	Sa (2.0)	PGA (g)
0.869	0.610	0.324	0.169	0.422

*the design values may have been interpolated from calculated values at surrounding locations with subjective modification. Topographical effects may introduce local variations in the design values.