

Zone 4: $S_s = 2.3$ kPa

Zone 3: $S_s = 1.9$ kPa

Zone 2: $S_s = 1.5$ kPa

Zone 1: $S_s = 1.0$ kPa

City of
PICKERING

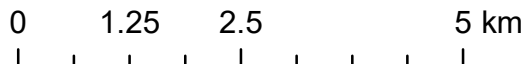
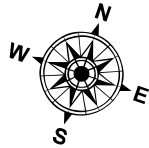
Snow Load

Legend

- Roads
- ▬ Municipal Boundary
- ▭ Hamlets/Rural Settlements

Zone

- Zone 4: $S_s = 2.3$ kPa
- Zone 3: $S_s = 1.9$ kPa
- Zone 2: $S_s = 1.5$ kPa
- Zone 1: $S_s = 1.0$ kPa



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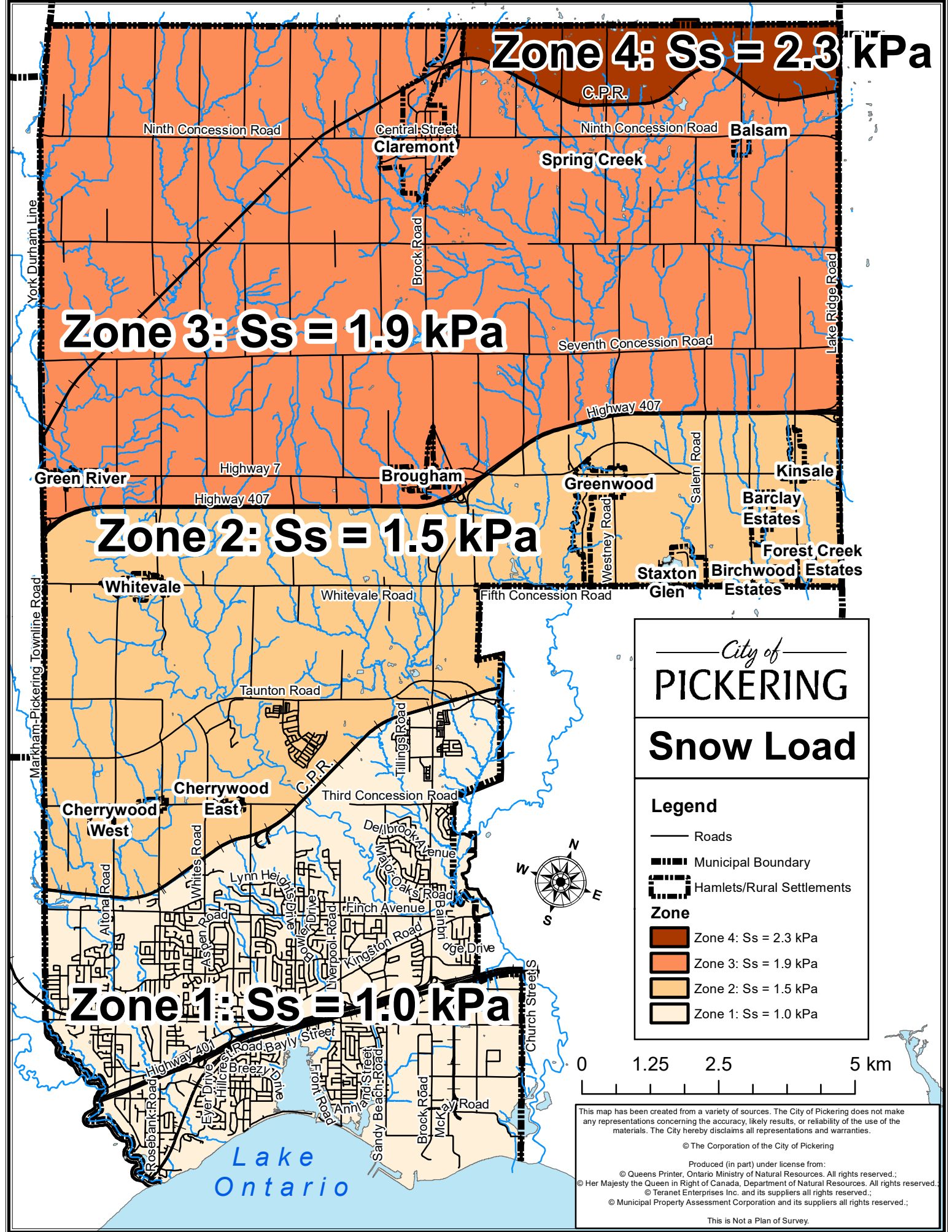


Table 2
Climatic Design Data

Location	Elevation, m	Design Temperature				Degree Days Below 18°C	15 Min Rain, mm	One Day Rain, 1/50, mm	Annual Rain, mm	Moisture Index	Annual Total Precipitation, mm	Driving Rain Wind Pressures, Pa, 1/5	Snow Load, kPa, 1/50		Hourly Wind Pressures, kPa	
		January		July 2.5%									S _s	S _r	1/10	1/50
		2.5%, °C	1%, °C	Dry, °C	Wet, °C											
Pickering																
Zone 1	85	-19	-21	30	23	3800	23	92	730	0.9	825	140	1.0	0.4	0.37	0.48
Zone 2	175	-20	-22	30	23	3900	23	92	730	0.9	825	140	1.5	0.4	0.37	0.48
Zone 3	255	-21	-23	30	23	4010	23	86	770	0.91	850	140	1.9	0.4	0.35	0.45
Zone 4	315	-22	-24	30	23	4200	23	86	770	0.91	850	140	2.3	0.4	0.35	0.45

Table 3
Seismic Design Data for Selected Locations in Ontario for Part 9 Design

Location	S _a (0.2) for Seismic Design in Part 9
Pickering (Zones 1 to 4)	0.219