

**Sunshine Coast Regional District Building Bylaw No. 779, 2025**  
**APPENDIX B – CLIMATIC DATA**

<b>LOCATION / ELECTORAL AREA</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>E</b>	<b>F</b>
<b>Latitude</b>	49°37'16" N	49°28'16.8" N	49°25'42.7" N	49°24'1.8" N	49°24'52.5" N
<b>Longitude</b>	124°1'15.4" W	123°52'8" W	123°38'51.2" W	123°32'27.3" W	123°30'5.7" W
<b>Elevation (m)</b>	60	85	75	115	120
<b>DESIGN ELEMENT</b>					
<b>January 2.5% design dry bulb temperature °C</b>	-6	-6	-6	-4	-4
<b>January 1% design dry bulb temperature °C</b>	-8	-8	-8	-6	-6
<b>July 2.5% design dry bulb temperature °C</b>	27	27	27	27	27
<b>July 2.5% design wet bulb temperature °C</b>	20	20	20	21	21
<b>Annual total degree days below 18 °C</b>	2,790	2,920	2,800	2,950	2,950
<b>Maximum 15 minute rainfall (mm)</b>	10	10	10	10	10
<b>Maximum one day rainfall (50 years) (mm)</b>	75	75	75	119	119
<b>Annual rainfall (mm)</b>	1,140	1,140	1,140	1,400	1,400
<b>Annual total precipitation (mm)</b>	1,200	1,200	1,200	1,500	1,500
<b>Moisture Index</b>	1.27	1.27	1.27	1.51	1.51
<b>Driving Rain wind pressure 1/5 years (Pa)</b>	160	160	160	160	160
<b>Ground snow load, snow component Ss (50 years) (kPa)</b>	2.1	2.3	2.3	2.6	2.7
<b>Ground snow load, rain component Sr (50 years) (kPa)</b>	0.4	0.4	0.4	0.4	0.4
<b>Hourly wind pressure 1/10 (kPa)</b>	0.38	0.38	0.38	0.38	0.38
<b>Hourly wind pressure 1/50 years (kPa)</b>	0.48	0.48	0.48	0.48	0.48