

## Appendix 1 - Statistical Calculations

### NEIGHBOURHOOD STRUCTURE PLAN LAND USE CONCEPT AND POPULATION

	Area (ha.)	% of GDA
<b>GROSS AREA</b>	204	
Natural Area (Environmental Reserve)	20.09	
<i>Environmental Reserve</i>	7.15	
<i>Wetland Environmental Reserve</i>	12.94	
Pipeline & Utility Right-of-Way	2.59	
Arterial Road Right-of-Way	5.72	
<b>GROSS DEVELOPABLE AREA</b>	<b>175.60</b>	<b>100.0 %</b>
<b>Existing Land Uses</b>		
Commercial	1.31	0.7 %
Parkland, Recreation, School (Municipal Reserve)	15.68	8.9 %
<i>Local/Pocket Parks</i>	2.49	
<i>MR Greenway</i>	0.19	
<i>CKC/School/Park</i>	13.00	
Natural Area (Municipal Reserve)	1.87	1.1 %
Institutional		
<i>Church Site</i>	1.23	0.7 %
Mixed-Use (Non Residential Portion)	2.22	1.3 %
Transportation		
<i>Circulation(20% of GDA)</i>	35.12	20.0 %
Transit Centre	NA	
Infrastructure/ Servicing		
Storm Water Management Facilities	13.25	7.5 %
Special Use	NA	
<b>Total Non-Residential Area</b>	<b>70.68</b>	<b>40.3 %</b>
<b>Net Residential Area (NRA)</b>	<b>104.92</b>	<b>59.7 %</b>
	<b>175.60</b>	<b>100.0 %</b>

### RESIDENTIAL LAND USE AREA, UNIT & POPULATION COUNT

Land Use	Area (ha)	Unit/ha	Units	People/Unit	Population	% of NRA
Single / Semi-Detached	87.17	25	2,179	2.8	6,102	83.1 %
Row Housing	6.17	45	278	2.8	777	5.9 %
Low-Rise/Medium Density	9.36	90	842	1.8	1,516	8.9 %
Medium to High Rise Units	0	225	0	1.5	0	0.0 %
Mixed Uses (residential uses)	2.22	90	200	1.8	360	2.1 %
<b>Total</b>	<b>104.92</b>		<b>3,499</b>		<b>8,755</b>	<b>100.0 %</b>

### STUDENT GENERATION COUNT

<b>Public School Board</b>	<b>704</b>
Elementary School	352
Junior High School	176
Senior High School	176
<b>Separate School Board</b>	<b>352</b>
Elementary School	176
Junior High School	88
Senior High School	88
<b>Total Student Population</b>	<b>1056</b>

### SUSTAINABILITY MEASURE

Population Per Net Hectare (ppnha)	83.44
Units Per Net Residential Hectare (uprha)	33.3
[Single / Semi-Detached] / [Row Housing; Low – Rise / Medium Density Housing; Medium to High-Rise Units] Unit Ratio	83% / 17%
Population (%) within 500m of Parkland	98%
Population (%) within 400m of Transit Service	100%
Population (%) within 600m of Commercial Service	58%

### Presence / Loss of Natural Area Feature

	Land / Water
Protected as Environmental Reserve	20.09
Conserved as Naturalized Municipal Reserve (MR)	1.87
Loss to Development (ha)	35.68