

Site:	5209 Stonehaven Dr.
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Existing Tree Information					Replacement Tree Information			Condition Factors		Compensation Value	
Tree Number	Common Name	DBH (cm)	Condition Rating (%)		Comments	Total cm to Replace	# of 50 mm trees required	Preliminary Value (\$)	Avg Condition Rating (Health & Structure)		Construction Risk Factor (see below)
			Health	Structure							
5	Honey Locust	28	85%	85%	Future Road Conflict	24	5	\$ 2,500.00	85%	100%	\$ 2,500.00
6	Honey Locust	22.5	85%	85%	Future Road Conflict	20	4	\$ 2,000.00	85%	100%	\$ 2,000.00
11	Honey Locust	20	85%	85%	Future Servicing / Driveway	17	4	\$ 2,000.00	85%	100%	\$ 2,000.00

\$ 6,500.00

Compensation Value Calculation: (Aggregate Caliper Formula)

1. DBH \* Ave. Cond. Rating / 5cm (50mm) = # of trees req. to replace (\$500/Tree)
2. Compensation Value X Risk Factor = Compensation Value

Tree Condition Considerations

Based on Tree Condition Assessment in GIS Inventory and Observations during Site Visit

Rating:	Factor:
Excellent	90-100%
Good	70-89%
Fair	50-69%
Poor	25-49%
Very Poor	0-24%

## Construction Risk to Trees

Construction risk to trees is assessed by considering the following on a site by site basis: materials storage, existing and proposed utility and

### Low Risk Factor (0-25% of Assessed Value):

- No work inside TPZ or CRZ (including grading, excavation, servicing, etc);
- No risk from construction traffic in CRZ;
- Hoarding shown on plan and installed as per SS12.
- Sliding scale based on proximity of tree (TPZ and CRZ) to construction area.

### Medium Risk Factor (26-50% of Assessed Value):

- No work inside TPZ (including grading, excavation, servicing, etc);
- Minimal work occurring within the CRZ (impacting less than 10% of the CRZ area, including grading, excavation, servicing, etc)\*;
- Risk from construction traffic/works within CRZ\*;
- Hoarding shown on plan and installed as per SS12.

### Medium-High Risk Factor (51-75% of Assessed Value):

- No work inside TPZ (including grading, excavation, servicing, etc);
- Work occurring within CRZ (impacting more than 10% of the CRZ including grading, excavation, servicing, etc)\*;
- Risk from construction traffic/works within CRZ\*;
- Arborist report not required but provided;
- Hoarding shown on plan and installed as per SS12.

### High Risk Factor (76-100% of Assessed Value):

- Work inside TPZ (including grading, excavation, servicing, etc; only occurring under supervision of qualified ISA Certified Arborist
- Risk from construction traffic/works within TPZ and CRZ\*;
- Arborist report required and provided;
- Hoarding shown on plan and installed outside of SS12 specification, with confirmation from City Arborist or Applicant's Certified Arborist.

\*Risk can be reduced through use of mitigating actions (eg. Greater tree hoarding area to encompass remaining CRZ; Pre-Construction Root

CRZ – Critical Root Zone

MTPZ – Minimum Tree Protection Zone

- Please refer to the City of Burlington Tree Protection and Preservation Specification SS12A, available on-line for further information and tree protection requirements.

- Please refer to the City of Burlington Public Tree Bylaw 68-2013 for further information on your responsibility to protect city trees.