

Site:	338 Johnston Drive / General Brock Park
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Existing Tree Information						Replacement Tree Information		Condition Factors		Compensation
Tree Number	Common Name	DBH (cm)	Condition Rating (%)		Comments	# of 50 mm trees required	Preliminary Tree Value	Avg Condition Rating (Health & Structure)	Construction Risk Factor (see below)	Value
			Health	Structure						
1	Mulberry	15	50%	50%		3	\$ 1,500.00	50%	100%	\$ 750.00
2	Mulberry	41	50%	40%		8	\$ 4,100.00	45%	100%	\$ 1,845.00
3	Ash	25	30%	30%	Terminal EAB	5	\$ 2,500.00	30%	100%	\$ -
4	Butternut	13	40%	50%	Terminal - Category 1	3	\$ 1,300.00	45%	100%	\$ -
5	Ash	12	30%	30%	Terminal EAB	2	\$ 1,200.00	30%	100%	\$ -
6	Ash	14	30%	30%	Terminal EAB	3	\$ 1,400.00	30%	100%	\$ -

\$ 2,600.00

1. DBH / 5cm = # of trees req. to replace
2. # of trees req. to replace X \$500 (cost of replacement) = Preliminary Compensation Value
3. Preliminary Compensation Value X Condition of Tree Factor X Risk Factor = Final 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.