

**Tree Inventory and Preservation Plan  
1300, 1316, 1326, 1342 & 1350 Bronte Road  
Oakville, Ontario**

prepared for

**Bronte River, LP  
4900 Palladium Way, Unit 105  
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prepared by



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KUNTZ FORESTRY CONSULTING INC Project P2588

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## 1.0 Introduction

Kuntz Forestry Consulting Inc. was retained by Bronte River, LP to complete a Tree Inventory and Preservation Plan Report in support of a development application for the properties located at 1300, 1316, 1326 and 1342, and the newly acquired property located at 1350 Bronte Road in Oakville, Ontario. The subject property is located within a residential and forested area and contains a Natural Heritage System.

The work plan for the tree preservation study included the following:

- Prepare an inventory of tree resources over 10cm DBH occurring on and within six metres of the proposed development and trees of all sizes on the road right-of-way.
- Prepare a tree valuation of all Town-owned trees included in the inventory.
- Evaluate potential tree saving opportunities based on proposed development plans.
- Document the findings in a Tree Inventory and Preservation Plan Report.

## 2.0 Methodology

### *Tree Inventory and Preservation Plan*

Field assessments for the tree inventory were conducted on 7 January 2021 and 12 January 2021 for the properties located at 1300, 1316, 1326 and 1342 Bronte Road. The field assessments for the trees located at 1350 Bronte Road was conducted on 8 September 2021. Trees measuring over 10cm DBH on and within six metres of the proposed development and trees of all sizes on the road right-of-way were identified in the tree inventory. Trees were located using the topographic survey provided, a handheld GPS unit (Trimble GeoExplorer® Series) accurate to  $\pm 1$  metre, aerial imagery, and estimates made in the field. Trees on the subject property were tagged with the numbers 179 – 468 and 607 – 613. Trees on neighbouring properties or within the road right-of-way were labelled N1 – N18. Since the initial field assessments that took place on 7 January 2021 and 12 January 2021, Trees N8 – N10 have been removed.

All individual tree resources included in the inventory were visually assessed for condition utilizing the following parameters:

**Tree #** - number assigned to tree that corresponds to Figure 1.

**Species** - common and botanical names provided in the inventory table.

**DBH** - diameter (centimetres) at breast height, measured at 1.4 metres above the ground.

**Condition** - condition of tree considering trunk integrity, crown structure, and crown vigour. Condition ratings include poor (P), fair (F), and good (G).

**Drip Line** – Crown radius.

**Comments** - additional relevant detail.

Where trees were situated in groups on neighbouring properties, they were inventoried in tree polygons. These tree polygons are denoted with 'NP' before their number and were assessed using the aforementioned parameters. Where trees were situated in groups on the subject property, they were inventoried in tree polygons and are denoted with a 'P' before their tag number. Trees within a tree polygon were inventoried using a 100% tally analysis by species, size class, and quality. Trees with a DBH of 10cm or greater were included in

the stand tally analysis. Trees were assessed for condition utilizing the following parameters.

**Species:** Common and botanical names provided in the inventory table

**Size Class (DBH):** 10 – 24 cm, 26 – 36 cm, 38 – 48 cm, 50 cm and above

**Quality Class:** Acceptable Growing Stock (AGS), Unacceptable Growing Stock (UGS)

Trees classified as AGS are trees with no major defects in the bole and a relatively good crown structure and vigour. Trees classified as UGS are trees with a major defect in the bole and / or those exhibiting a relatively poor crown structure or vigour. Refer to Table 1 and Table 2 for the detailed tree inventory.

### *Tree Valuation*

There were no trees located within the Town right-of-way adjacent to the subject properties, therefore a tree valuation was not conducted.

## **3.0 Existing Site Conditions**

The subject area is currently occupied by five residential properties with associated agricultural land, wooded areas, a pond, and driveways. The subject site contains a Natural Heritage System that runs along its south and west boundaries. There is a wooded area located in the south area of the subject site. The subject site is bordered by Bronte Creek Provincial Park to the west. Tree resources exist in the form of landscape trees, woodland trees, and natural regeneration. Refer to Figure 1 for the existing site conditions.

## **4.0 Individual Tree Resources**

The tree inventory documented 298 trees and 14 tree polygons on and within six metres of the proposed development and within the road right-of-way. Tree resources are composed of Manitoba Maple (*Acer negundo*), Norway Maple (*Acer platanoides*), Silver Maple (*Acer saccharinum*), Sugar Maple (*Acer saccharum*), River Birch (*Betula nigra*), White Birch (*Betula papyrifera*), Northern Catalpa (*Catalpa speciosa*), Quince species (*Cydonia* sp.), American Beech (*Fagus grandifolia*), White Ash (*Fraxinus americana*), Honey Locust (*Gleditsia triacanthos*), Butternut (*Juglans cinerea*), Black Walnut (*Juglans nigra*), Apple species (*Malus* sp.), White Mulberry (*Morus alba*), Norway Spruce (*Picea abies*), White Spruce (*Picea glauca*), Blue Spruce (*Picea pungens*), Austrian Pine (*Pinus nigra*), White Pine (*Pinus strobus*), Scots Pine (*Pinus sylvestris*), London Planetree (*Platanus x acerifolia*), Poplar species (*Populus* sp.), Black Cherry (*Prunus serotina*), Cherry species (*Prunus* sp.), Pear species (*Pyrus* sp.), Bur Oak (*Quercus macrocarpa*), Red Oak (*Quercus rubra*), Staghorn Sumac (*Rhus typhina*), Black Locust (*Robinia pseudoacacia*), Willow species (*Salix* sp.), American Mountain-Ash (*Sorbus americana*), Yew species (*Taxus* sp.), Eastern White Cedar (*Thuja occidentalis*), and Emerald Cedar (*Thuja occidentalis* 'Smaragd'). Refer to Table 1 and Table 2 for the full tree inventory and Figure 1 for the location of trees reported in the tree inventory.

Four Butternut trees (*Juglans cinerea*) were observed on and within six metres of the subject property and were labelled 236, 461, 467, and 468, respectively. Pure Butternut trees are protected under the federal government's Species at Risk Act (2002). These trees have undergone a formal assessment that has been submitted to the Ontario Ministry of the Environment, Conservation and Parks. Trees 467 and 468 were

determined to be cultivated, as confirmed by an affidavit provided by the property owner. For Tree 236, a DNA test was conducted and this tree was confirmed to be a hybrid. Tree 461 was determined to be a Category 1 tree and therefore exempt from further action under the ESA. Refer to Figure 1 for the locations of the Butternut trees.

## 5.0 Proposed Works

The proposed development includes the demolition of the existing structures and the construction of a residential subdivision with single detached dwellings, multiple roadways, and a condominium block. The existing house on the southwest side of the site is to be retained throughout the development. The existing woodlands associated with the Natural Heritage System will be retained.

## 6.0 Discussion

The following sections provide a discussion and analysis of impacts, tree removal requirements, and tree preservation relative to the proposed development and existing conditions.

### *Development Impacts / Tree Removals*

The removal of Trees 179 – 218, 220 – 232, 236, 245 – 247, 249 – 252, 259 – 270, 274 – 287, 290, 296 – 299, 301 – 372, 375 – 410, 421 – 426, 429 – 444, P446 – 460, 462 – 468, 607, 608, 609 – 611, N1, N4, N6, and NP16 will be required to accommodate the proposed site plan.

Trees 185, 190, 192, 194, 198, 201, 204, 206, 215, 220, 222 – 226, 229 – 232, 249, 251, 252, 309, 312, 314, 316, 332, 333, 335 – 339, 341, 346, 357, 361, 382, 399, 433, 452, 458, 467, 468, 609 – 611, and some trees within P200, P202, P257, P264, P303, P330, P342, P348, P367, P446, and P457 are in poor, dead, or hazardous condition and their removal is advised regardless of the site plan.

Trees 181, 183 – P202, 204 – 210, 212 – 218, 220 – 232, 236, 245, 246, 249 – 252, 259 – 270, 274 – 287, 290, 296 – 299, 301, P303 – 337, 339 – 346, 348 – 368, 370 – 372, 375 – 378, 380 – 385, 388 – 410, 421 – 426, 429 – 444, P446 – P457, 459, 460, 462 – 468, 608 – 611, N1, N4, and N6 are greater than 15cm DBH, therefore a permit will be required prior to their removal. Trees N1, N4, N6 and NP16 are located on a neighbouring property and as such, written permission from the respective property owner is required prior to their removal.

### Trees 236, 467, and 468

Trees 236, 467, and 468 are Butternut (*Juglans cinerea*) trees, which is an endangered species as per the COSEWIC list. Although they are recommended for removal due to the proposed site plan, until permission has been granted, these trees must be protected and retained.

A formal assessment was conducted for the Butternuts and submitted to the Ontario Ministry of the Environment, Conservation and Parks. Trees 236 was confirmed to be a hybrid through DNA testing. Trees 467 and 468 were determined to be cultivated, as confirmed by

an affidavit provided by the property owner. As such, permission has been granted for the removal of Trees 236, 467, and 468. A fourth Butternut tree, Tree 461, is to be retained and is described in a later section of this report.

### *Tree Preservation*

Preservation of Trees 219, 233 – 235, 237 – 244, 248, 253 – 258, 271 – 273, 288, 289, 291 – 295, 300, 373, 374, 411 – 420, 427, 428, 445, 461, 612, 613, N2, N3, N5, N7, N11 – N15, N17, and N18 will be possible with the use of appropriate tree protection measures as indicated on Figure 1. Tree protection fencing has not been prescribed for Trees 288, 289, N7, N12 – N14, N17, and N18 as their minimum Tree Protection Zones do not conflict with the proposed development. Tree protection measures must be implemented prior to the proposed work to ensure tree resources designated for retention are not impacted by the proposed development.

Please note the preservation planning of Trees 291 – 295, 300, and 411 – 420 may be subject to change pending detailed design surrounding the existing house being retained. It is our understanding that this house may be repositioned, that additions may be constructed, and/or the area may be re-landscaped, which may impact preservation of trees.

Refer to Figure 1 for the location of required tree preservation fencing, tree preservation fencing specifications, and general Tree Protection Plan Notes. Special mitigation and protection measures are prescribed for Trees 234, 235, 237, 461, and N5, as described below.

### *Trees 234, 235, and 237*

Encroachment into the minimum Tree Protection Zones (mTPZs) of Trees 234, 235, and 237 will be required to accommodate the demolition of the existing driveway at 1300 Bronte Road. If the following protection and mitigation measures are employed before, during and after construction, long-term adverse effects are not anticipated to these trees.

1. Tree protection fencing should be installed at the edge of the existing driveway within the mTPZs of Trees 234, 235, and 237, as per the specifications in Figure 1.
2. The removal of the existing driveway within the mTPZs of Trees 234, 235, and 237 should be conducted with minimal impact by hand. Any debris should be removed by pulling away radially from the trunk. Any roots damaged through the process of demolition should be hand pruned by a Certified Arborist in accordance with Good Arboricultural Standards.
3. All works should be supervised by a Certified Arborist in accordance with Good Arboricultural Standards.

### *Tree 461*

Tree 461 is a Butternut (*Juglans cinerea*) tree, which is an endangered species as per the COSEWIC list. Although this tree can be retained in the context of the proposed site plan (as its minimum Tree Protection Zone does not conflict with the proposed development), a formal assessment of this tree has been conducted and reported to the Ontario Ministry of the Environment, Conservation and Parks. Tree 461 is a Category 1 tree, and is exempt

from further action under the ESA. Tree protection fencing has been prescribed at the edge of the Natural Heritage System near Tree 461.

### Tree N5

Encroachment into the minimum Tree Protection Zones (mTPZs) of Tree N5 will be required to accommodate the demolition of the garage at 1300 Bronte Road. If the following protection and mitigation measures are employed before, during and after construction, long-term adverse effects are not anticipated to these trees.

1. The removal of the existing garage area within the mTPZs of Tree N5 should be conducted with minimal impact by machinery. Any debris should be removed by pulling away radially from the trunk. Any roots damaged through the process of demolition should be hand pruned by a Certified Arborist in accordance with Good Arboricultural Standards.
2. Tree protection fencing should be installed at the mTPZ limits of Trees N5 as per the specifications in Figure 1.
3. All works should be supervised by a Certified Arborist in accordance with Good Arboricultural Standards.

### *Tree Valuation*

There were no trees located within the Town right-of-way adjacent to the subject properties, therefore a tree valuation was not conducted.

## **7.0 Summary and Recommendations**

Kuntz Forestry Consulting Inc. was retained by Bronte River, LP to complete a Tree Inventory and Preservation Plan Report in support of a development application for the properties located at 1300, 1316, 1326, 1342, and 1350 Bronte Road in Oakville, Ontario. A tree inventory was conducted and reviewed in the context of the proposed site plan.

The findings of the study indicate a total of 298 trees and 14 tree polygons on and within six metres of the proposed development and within the road right-of-way. Since the initial field assessments that took place on 7 January 2021 and 12 January 2021, three trees have been removed and as such, these three trees are not counted towards inventory totals. The removal of 241 trees and 12 tree polygons will be required to accommodate the proposed site plan. All other trees can be saved provided appropriate tree protection measures are installed prior to development. Four Butternut trees were found on or within six metres of the proposed development. Formal assessments for these trees have been conducted. It was determined, through DNA testing, that one of the Butternuts is a hybrid. A signed affidavit from the property owner confirms that two of the Butternuts are cultivated. The fourth butternut is a Category 1 tree and therefore exempt from further action under the ESA.

The following recommendations are suggested to minimize impacts to trees identified for preservation. Refer to Figure 1 for the location of the required tree protection fencing, tree preservation fencing details, and general Tree Protection Plan Notes.

- No construction activity including surface treatments, excavations of any kind, storage of materials or vehicles, unless specifically outlined above, is permitted within the area

identified on Figure 1 as a tree protection zone (TPZ) at any time during or after construction.

- Tree protection barriers and fencing should be erected at locations as prescribed on Figure 1. All tree protection measures should follow the guidelines as set out in the tree preservation plan notes and the tree preservation fencing detail
- Branches and roots that extend beyond prescribed tree protection zones that require pruning must be pruned by a qualified Arborist or other tree professional. All pruning of tree roots and branches must be in accordance with Good Arboricultural Standards.
- Site visits, pre, during and post construction are recommended by either a certified consulting arborist (I.S.A.) or registered professional forester (R.P.F.) to ensure proper utilization of tree protection barriers. Trees should also be inspected for damage incurred during construction to ensure appropriate pruning or other measures are implemented.

Respectfully Submitted,

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## References

Government of Canada. 12 December 2002, amended 6 October 2020. Species at Risk Act, pp. 104.

### Limitations of Assessment

*Only the tree(s) identified in this report were included in the inventory. The assessment of the trees presented in this report has been made using accepted arboricultural techniques. These may include a visual examination taken from the ground of all the above-ground parts of the tree for structural defects, scars, external indications of decay such as fungal fruiting bodies, evidence of attack by insects, discoloured foliage, the condition of any visible root structures, the degree of lean (if any), the general condition of the trees and the identification of potentially hazardous trees or recommendations for removal (if applicable). Where trees could not be directly accessed (i.e. due to obstructions, and/or on neighbouring properties), trees were assessed as accurately as possible from nearby vantage points.*

*Locations of trees provided in the report are determined as accurately as possible based on the best information available. If official survey information is not provided, tree location in the report may not be exact. In this case, if trees occur on or near property boundaries, an official site survey may be required to determine ownership utilizing specialized survey protocol to gain precise location.*

*Furthermore, recommendations made in this report are based on the site plans that have been provided at the time of reporting. These recommendations may no longer be applicable should changes be made to the site plan and/or grading, servicing, or landscaping plans following report submission.*

*Notwithstanding the recommendations and conclusions made in this report, it must be recognized that trees are living organisms, and their health and vigor constantly change over time. They are not immune to changes in site conditions or seasonal variations in the weather conditions. Any tree will fail if the forces applied to the tree exceed the strength of the tree or its parts.*

*Although every effort has been made to ensure that this assessment is reasonably accurate, the trees should be re-assessed periodically. The assessment presented in this report is valid at the time of inspection.*

**Table 1. Tree Inventory**

Tree #	Common Name	Botanical Name	DBH	TI	CS	CV	CDB	DL	mTPZ	A. mTPZ	Oakville Tree #	Comments	Ownership	Action
179	Norway Maple	<i>Acer platanoides</i>	12	G	G	G		1	-	-	-		Private	Remove
180	Black Walnut	<i>Juglans nigra</i>	11	G	F	G		2	-	-	-	Pruning wounds (M), union at 0.75 metres	Private	Remove
181	White Ash	<i>Fraxinus americana</i>	22, 10	F-G	F	F-G		1.5	-	-	-	Co-dominant stems at 0.25 metres	Private	Remove
182	Black Walnut	<i>Juglans nigra</i>	13	G	G	G		2	-	-	-		Private	Remove
183	Northern Catalpa	<i>Catalpa speciosa</i>	20, 10	G	F	G		2	-	-	-	Co-dominant stems at 0.25 metres	Private	Remove
184	Norway Maple	<i>Acer platanoides</i>	23	G	F-G	F-G		2.5	-	-	-	Coppice growth (M)	Private	Remove
185	Apple species	<i>Malus</i> sp.	35, 27	P	P-F	F-G		3.5	-	-	-	Co-dominant stems at 0.5 metres, trunk hollow, epicormic branching (M) --> hazard	Private	Remove (Condition)
186	Black Walnut	<i>Juglans nigra</i>	39	G	G	F		4.5	-	-	-	Epicormic branching (M)	Private	Remove
187	Black Walnut	<i>Juglans nigra</i>	46	G	F-G	F-G		5	-	-	-	Epicormic branching (L)	Private	Remove
188	Black Walnut	<i>Juglans nigra</i>	50	G	F-G	F-G		5	-	-	-	Asymmetrical crown (L), epicormic branching (L), broken branches (L)	Private	Remove
189	Apple species	<i>Malus</i> sp.	41	P-F	P-F	P-F	15	3.5	-	-	-	Cavities (H), epicormic branching (H), broken branches (L), deadwood (M)	Private	Remove
190	Apple species	<i>Malus</i> sp.	40	P	P	P		1	-	-	-	Decay column (H), epicormic branching (H)	Private	Remove (Condition)
191	Norway Maple	<i>Acer platanoides</i>	34, 32	F-G	F	G		4	-	-	-	Co-dominant stems at 0.25 metres, included bark (H)	Private	Remove
192	Apple species	<i>Malus</i> sp.	35	P	P	P	90	1	-	-	-	Decay column (H)	Private	Remove (Condition)
193	Apple species	<i>Malus</i> sp.	28, 23	P-F	P-F	F		4	-	-	-	Epicormic branching (H), pruning wounds (H), cavities (L), co-dominant stems at 1 metre	Private	Remove
194	Apple species	<i>Malus</i> sp.	35	P	P-F	P		4	-	-	-	Asymmetrical crown (H), decay column (H), epicormic branching (H)	Private	Remove (Condition)
195	Red Oak	<i>Quercus rubra</i>	55	G	G	G		5	-	-	-		Private	Remove
196	White Ash	<i>Fraxinus americana</i>	17.5	F	F	G		2	-	-	-		Private	Remove
197	Apple species	<i>Malus</i> sp.	25, 24, 23	P-F	P-F	P-F		3	-	-	-	Multi-stem at 0.75 metres, cavities (M), epicormic branching (H), pruning wounds (H)	Private	Remove
198	Apple species	<i>Malus</i> sp.	25, 23	P	P	P	75	2	-	-	-	Decay column (H), asymmetrical crown (H), deadwood (H)	Private	Remove (Condition)
199	Red Oak	<i>Quercus rubra</i>	27	G	F-G	G		2.5	-	-	-	Pruning wounds (L)	Private	Remove
P200												Refer to Table 2	Private	Remove
201	Apple species	<i>Malus</i> sp.	26	P	P	P		4	-	-	-	Decay column (H), asymmetrical crown (H), pruning wounds (H), epicormic branching (H)	Private	Remove (Condition)
P202												Refer to Table 2	Private	Remove
203	Eastern White Cedar	<i>Thuja occidentalis</i>	5 - 12 (Ave: 7)	F	P	F-G		1	-	-	-	Poor form	Private	Remove
204	Apple species	<i>Malus</i> sp.	35	P	P	P-F		3	-	-	-	Decay column (H), asymmetrical crown (H), pruning wounds (H), epicormic branching (H)	Private	Remove (Condition)
205	Norway Maple	<i>Acer platanoides</i>	37	G	G	G		4	-	-	-		Private	Remove
206	Apple species	<i>Malus</i> sp.	20	P	P	P	60	2	-	-	-	Decay column (H), deadwood (H), pruning wounds (H), epicormic branching (H)	Private	Remove (Condition)
207	Blue Spruce	<i>Picea pungens</i>	46	F-G	F-G	F-G		3	-	-	-	Deadwood (M), asymmetrical crown (M), sweep (L)	Private	Remove
208	Blue Spruce	<i>Picea pungens</i>	46	F-G	F	F	30	3	-	-	-	Deadwood (H), asymmetrical crown (H)	Private	Remove
209	Norway Maple	<i>Acer platanoides</i>	115	F	F	F	25	7	-	-	-	Multi-stem at 1.5 metres, broken stems (H), deadwood (L), epicormic branching (M), sparse crown (L), broken branches (M)	Private	Remove
210	Norway Maple	<i>Acer platanoides</i>	26	G	F	G		3.5	-	-	-	Asymmetrical crown (H), decay column (H), epicormic branching (H)	Private	Remove
211	Yew species	<i>Taxus</i> sp.	1 - 10 (Ave: 5)	G	G	G		2	-	-	-	Multi-stem at base	Private	Remove
212	Norway Maple	<i>Acer platanoides</i>	30	G	G	G		3	-	-	-		Private	Remove
213	Willow species	<i>Salix</i> sp.	75	F	F	F		6	-	-	-	Broken branches (M), epicormic branching (H), broken branches (M), burls (L), pruning wounds (M)	Private	Remove
214	White Birch	<i>Betula papyrifera</i>	10	F-G	F	F	30	1.5	-	-	-	Suppressed in stand, stem wound (L) at base, deadwood (M)	Private	Remove

215	White Pine	<i>Pinus strobus</i>	70	P	F	P-F	30	3	-	-	-	Asymmetrical crown (M), decay column --> hazard	Private	Remove (Condition)
216	American Mountain-Ash	<i>Sorbus americana</i>	15	F	F-G	G		1.5	-	-	-	Stem wound (H) at base	Private	Remove
217	Norway Maple	<i>Acer platanoides</i>	46	F-G	F-G	G		4.5	-	-	-	Girdling roots (M), asymmetrical crown (L), gypsy moth activity	Private	Remove
218	Silver Maple	<i>Acer saccharinum</i>	31	F-G	F-G	G		3	-	-	-	Asymmetrical crown (M)	Private	Remove
219	Willow species	<i>Salix</i> sp.	44, 10	F-G	F-G	F	15	5	3	3	-	Asymmetrical crown (M), epicormic branching (M), deadwood (M)	Private	Retain
220	Apple species	<i>Malus</i> sp.	30	P	P	P	75	2	-	-	-	Stem wound (H) at base, cavities (H)	Private	Remove (Condition)
221	Apple species	<i>Malus</i> sp.	15	F	F	F-G		1	-	-	-		Private	Remove
222	Apple species	<i>Malus</i> sp.	26, 24	P	P-F	P	50	2	-	-	-	Pruning wounds (H), cavities (H), epicormic branching (H), deadwood (H)	Private	Remove (Condition)
223	Apple species	<i>Malus</i> sp.	25, 23, 21	P	P	P	50	4	-	-	-	Cavity (H) at union, multi-stem at 0.5 metres, pruning wounds (H), deadwood (M) epicormic branching (H)	Private	Remove (Condition)
224	Apple species	<i>Malus</i> sp.	38, 23	P	P	P		3.5	-	-	-	Cavity (H) at union, co-dominant stems at 1 metre, epicormic branching (H)	Private	Remove (Condition)
225	Apple species	<i>Malus</i> sp.	35, 15	P	P-F	P-F		3	-	-	-	Epicormic branching (M), cavities (H), pruning wounds (H), union at 1 metre	Private	Remove (Condition)
226	Apple species	<i>Malus</i> sp.	29, 20	P-F	P-F	P-F		3	-	-	-	Co-dominant stems at 0.75 metres, cavities (H), epicormic branching (M)	Private	Remove (Condition)
227	Cherry species	<i>Prunus</i> sp.	34, 30	P-F	F	F-G		3	-	-	-	Cavity (H) at 0.25 metres to 1.5 metres, co-dominant stems at 1 metres	Private	Remove
228	Apple species	<i>Malus</i> sp.	23	F	F	P		1	-	-	-	Lean (M), pruning wounds (M), epicormic branching (H)	Private	Remove
229	Apple species	<i>Malus</i> sp.	30	P	F	P	75	1	-	-	-	Decay column (H), epicormic branching (H), pruning wounds (H)	Private	Remove (Condition)
230	Apple species	<i>Malus</i> sp.	37, 20	P-F	P-F	P	50	1.5	-	-	-	Deadwood (H), pruning wounds (H), epicormic branching (M), co-dominant stems at 1 metre, cavities (M)	Private	Remove (Condition)
231	Apple species	<i>Malus</i> sp.	28	F	P	P	75	1	-	-	-	Pruning wounds (H), cavity (M)	Private	Remove (Condition)
232	Apple species	<i>Malus</i> sp.	37, 21	P	P-F	P-F	25	4	-	-	-	Co-dominant stems at 1 metre, cavities (H), pruning wounds (H)	Private	Remove (Condition)
233	Bur Oak	<i>Quercus macrocarpa</i>	29	G	G	G		3	2.4	2.4	-		Private	Retain
234	Willow species	<i>Salix</i> sp.	45	F-G	F	F-G		6	3	2.7	-	Asymmetrical crown (M), included bark (M), epicormic branching (L), deadwood (L)	Private	Retain
235	Willow species	<i>Salix</i> sp.	55	F-G	F	F		4	3.6	2.1	-	Epicormic branching (M), broken branches (L), sweep (M), deadwood (L)	Private	Retain
236	Butternut	<i>Juglans nigra</i>	10.5, 9, 9	F-G	F	F-G		2				Multi-stem at base, pruning wounds (M), canker present, sweep (L)	Private	Remove
237	Silver Maple	<i>Acer saccharinum</i>	33	F-G	F-G	G		3	3	1.5	-	Exposed roots (H), asymmetrical crown (L), pruning wounds (M)	Private	Retain
238	Norway Maple	<i>Acer platanoides</i>	30	F-G	G	G		5	2.4	2.4	-	Pruning wounds (M), sweep (L)	Private	Retain
239	Norway Maple	<i>Acer platanoides</i>	33	F-G	F-G	G		5	3	3	-	Lean (L), pruning wounds (M), asymmetrical crown (M)	Private	Retain
240	White Pine	<i>Pinus strobus</i>	46	G	G	G		5	3	3	-		Private	Retain
241	Norway Maple	<i>Acer platanoides</i>	39	F	F	F-G		4	3	3	-	Girdling roots (M), growth deficit (M) from base to 1.5 metres, co-dominant stems at 1.75 metres, pruning wounds (M)	Private	Retain
242	Apple species	<i>Malus</i> sp.	32, 23, 20	P-F	P-F	P-F		3	3	3	-	Cavities (H), multi-stem at 1.5 metres, pruning wounds (H), deadwood (M), epicormic branching (M)	Private	Retain
243	Black Cherry	<i>Prunus serotina</i>	38	F-G	F	F-G		6	3	3	-	Asymmetrical crown (M), broken branches (L), epicormic branching (L), bow (M)	Private	Retain
244	Black Cherry	<i>Prunus serotina</i>	51	P-F	F	F-G		5	3.6	3.6	-	Asymmetrical crown (H), bow (M) cavity (M) at base, stem wound (M) at base, swollen bole (M), epicormic branching (M)	Private	Retain
245	White Spruce	<i>Picea glauca</i>	39	G	G	G		4	-	-	-	Deadwood (L)	Private	Remove
246	White Spruce	<i>Picea glauca</i>	48	G	G	G		4	-	-	-		Private	Remove
247	Eastern White Cedar	<i>Thuja occidentalis</i>	12, 6, 3, 3	G	F-G	F-G		1	2.4	-	-	Suppressed in stand	Private	Remove
248	Norway Maple	<i>Acer platanoides</i>	45	G	G	G		3	-	-	-	Seam (L) at 2 metres	Private	Retain
249	Apple species	<i>Malus</i> sp.	26	P	P	P	40	1.5	-	-	-	Decay column (H)	Private	Remove (Condition)
250	White Birch	<i>Betula papyrifera</i>	31, 20	F-G	F	G	10	3.5	3	-	-	Deadwood (L), included bark (M), co-dominant stems at base	Private	Remove
251	Apple species	<i>Malus</i> sp.	30	P-F	P	P	80	1	-	-	-	Pruning wounds (H), epicormic branching (M), deadwood (M)	Private	Remove (Condition)
252	Apple species	<i>Malus</i> sp.	25	P	P	P	60	2	-	-	-	Decay column (H), pruning wounds (H), epicormic branching (L), lean (M) on one stem	Private	Remove (Condition)
253	Honey Locust	<i>Gleditsia triacanthos</i>	30	F-G	F-G	F-G		4	2.4	2.4	-	Sweep (L)	Private	Retain

254	Honey Locust	<i>Gleditsia triacanthos</i>	28	F-G	F	F-G		4	2.4	2.4	-	Sweep (L), asymmetrical crown (M), pruning wounds (L)	Private	Retain
255	Norway Maple	<i>Acer platanoides</i>	54	G	F	G		5	3.6	3.6	-	Sweep (L), co-dominant stems at 2.5 metres	Private	Retain
256	Silver Maple	<i>Acer saccharinum</i>	78	F-G	F-G	F	30	7	4.8	4.8	-	Deadwood (M), pruning wounds (M), epicormic branching (M)	Private	Retain
P257								Refer to Table 2					Private	Retain
258	Bur Oak	<i>Quercus macrocarpa</i>	30	G	G	F-G		2.5	2.4	2.4	-	Epicormic branching (L)	Private	Retain
259	Bur Oak	<i>Quercus macrocarpa</i>	20, 20	G	F-G	F-G		3	-	-	-	Co-dominant stems at 0.25 metres, epicormic branching (L)	Private	Remove
260	London Planetree	<i>Platanus x acerifolia</i>	58	G	G	G		5	-	-	-	Epicormic branching (L), deadwood (L)	Private	Remove
261	Norway Maple	<i>Acer platanoides</i>	26	F-G	F-G	G		4.5	-	-	-	Asymmetrical crown (H), growth deficits (L)	Private	Remove
262	Sugar Maple	<i>Acer saccharum</i>	37	F-G	G	G		3	-	-	-		Private	Remove
263	Sugar Maple	<i>Acer saccharum</i>	45	F-G	G	G		4.5	-	-	-	Asymmetrical crown (L)	Private	Remove
P264								Refer to Table 2					Private	Remove
265	Black Walnut	<i>Juglans nigra</i>	35	G	F-G	F-G		3	-	-	-	Asymmetrical crown (L), epicormic branching (L)	Private	Remove
266	Bur Oak	<i>Quercus macrocarpa</i>	50	G	F	F-G		3.5	-	-	-	Co-dominant stems at 1.5 metres, included bark (L), epicormic branching (L)	Private	Remove
267	Bur Oak	<i>Quercus macrocarpa</i>	34	G	G	F-G		3	-	-	-	Epicormic branching (M)	Private	Remove
268	Bur Oak	<i>Quercus macrocarpa</i>	31	G	F-G	F-G		3.5	-	-	-	Pruning wounds (M), epicormic branching (M)	Private	Remove
269	Bur Oak	<i>Quercus macrocarpa</i>	28	G	F-G	F-G		3	-	-	-	Epicormic branching (M)	Private	Remove
270	Bur Oak	<i>Quercus macrocarpa</i>	38	G	G	F		4	-	-	-	Epicormic branching (M)	Private	Remove
271	Bur Oak	<i>Quercus macrocarpa</i>	23, 22	G	F	G		3	3	3	-	Co-dominant at 0.5 metres	Private	Retain
272	Red Oak	<i>Quercus rubra</i>	19	F-G	G	F-G	10	2	2.4	2.4	-	Deadwood (L)	Private	Retain
273	White Pine	<i>Pinus strobus</i>	32	F	P-F	P-F	10	4	3	3	-	Crook (H) at 3.5 metres, chlorosis (M), sparse crown (L)	Private	Retain
274	White Birch	<i>Betula papyrifera</i>	15, 11, 8	F-G	F	F-G	20	2.5	-	-	-	Multi-stem at base, deadwood (M)	Private	Remove
275	Bur Oak	<i>Quercus macrocarpa</i>	30	G	G	F-G		3	-	-	-	Pruning wounds (M), epicormic branching (L)	Private	Remove
276	Bur Oak	<i>Quercus macrocarpa</i>	36	G	G	F-G		3	-	-	-	Pruning wounds (M), epicormic branching (L)	Private	Remove
277	Bur Oak	<i>Quercus macrocarpa</i>	29, 29	F-G	F	F		3.5	-	-	-	Co-dominant stems at 0.5 metres, pruning wounds (L), epicormic branching (M)	Private	Remove
278	White Pine	<i>Pinus strobus</i>	30	F-G	F-G	F	20	2	-	-	-	Deadwood (M), chlorosis (M), pruning wounds (L)	Private	Remove
279	White Pine	<i>Pinus strobus</i>	26	G	F-G	F-G		2	-	-	-	Deadwood (L), chlorosis (L)	Private	Remove
280	White Pine	<i>Pinus strobus</i>	30	G	F-G	F-G	10	2.5	-	-	-	Pruning wounds (L), deadwood (M), chlorosis (L)	Private	Remove
281	White Pine	<i>Pinus strobus</i>	37	G	G	G		3.5	-	-	-		Private	Remove
282	Honey Locust	<i>Gleditsia triacanthos</i>	26	F-G	F-G	F		2.5	-	-	-	Epicormic branching (M), bow (L), pruning wounds (L)	Private	Remove
283	Honey Locust	<i>Gleditsia triacanthos</i>	25	G	F-G	G		3	-	-	-	Asymmetrical crown (L)	Private	Remove
284	Honey Locust	<i>Gleditsia triacanthos</i>	20	F-G	F-G	F		2	-	-	-	Pruning wounds (L), asymmetrical crown (L), epicormic branching (M)	Private	Remove
285	Honey Locust	<i>Gleditsia triacanthos</i>	21	G	F-G	F-G		2.5	-	-	-	Asymmetrical crown (L)	Private	Remove
286	Honey Locust	<i>Gleditsia triacanthos</i>	19	F-G	F-G	F		2	-	-	-	Epicormic branching (M)	Private	Remove
287	Honey Locust	<i>Gleditsia triacanthos</i>	35	G	F-G	G		3	-	-	-	Bark peeling (L)	Private	Remove
288	London Planetree	<i>Platanus x acerifolia</i>	27	G	G	G		3.5	2.4	2.4	-		Private	Retain
289	London Planetree	<i>Platanus x acerifolia</i>	30	G	G	G		3.5	2.4	2.4	-		Private	Retain
290	Norway Maple	<i>Acer platanoides</i>	25	F-G	G	F-G		2	2.4	-	-	Included metal object, broken branches (L), pruning wounds (L)	Private	Remove
291	White Birch	<i>Betula papyrifera</i>	12, 3	G	F	F-G	10	2	2.4	2.4	-	Union at base, lean (L), asymmetrical crown (M)	Private	Retain
292	White Birch	<i>Betula papyrifera</i>	10, 8	F-G	F	G		1	2.4	2.4	-	Pruning wounds (L), co-dominant stems at base	Private	Retain
293	White Birch	<i>Betula papyrifera</i>	20, 17, 17, 14	G	F	G		3.5	3	3	-	Multi-stem at base	Private	Retain
294	White Birch	<i>Betula papyrifera</i>	10, 8	F-G	F	F-G		1.5	2.4	2.4	-	Included metal object, co-dominant stems at base, bow (L)	Private	Retain
295	Honey Locust	<i>Gleditsia triacanthos</i>	21	G	G	F-G		2	2.4	2.4	-	Pruning wounds (L)	Private	Retain
296	Honey Locust	<i>Gleditsia triacanthos</i>	28	G	G	G		2.5	-	-	-	Pruning wounds (L)	Private	Remove
297	Honey Locust	<i>Gleditsia triacanthos</i>	31	G	G	P-F		2.5	-	-	-	Vine competition (H)	Private	Remove
298	Norway Maple	<i>Acer platanoides</i>	30	F-G	G	F		3	-	-	-	Girdling roots (M), crack (L) from base to 3 metres	Private	Remove
299	Honey Locust	<i>Gleditsia triacanthos</i>	31	F-G	F-G	F-G		2.5	-	-	-	Asymmetrical crown (L)	Private	Remove
300	Honey Locust	<i>Gleditsia triacanthos</i>	31	F	F-G	F-G		3	3	3	-		Private	Retain
301	Norway Spruce	<i>Picea abies</i>	80	F-G	F	F-G		4	-	-	-	Deadwood (L), poor form	Private	Remove
302	White Spruce	<i>Picea glauca</i>	10	G	G	G		0.5	-	-	-		Private	Remove
P303								Refer to Table 2					Private	Remove
304	Apple species	<i>Malus</i> sp.	22, 16, 11, 8	F	F	G		2.5	-	-	-	Multi-stem at base, included bark (M)	Private	Remove
305	White Spruce	<i>Picea glauca</i>	49	F-G	F-G	F-G	10	3.5	-	-	-	Deadwood (M), pruning wounds (M)	Private	Remove

306	Black Walnut	<i>Juglans nigra</i>	48	G	G	F-G	5	-	-	-	Epicormic branching (L)	Private	Remove
307	Black Walnut	<i>Juglans nigra</i>	54	G	F	F-G	4	-	-	-	Asymmetrical crown (M), co-dominant stems at 0.75 metres, included bark (M), deadwood (L)	Private	Remove
308	Black Walnut	<i>Juglans nigra</i>	50, 45, 40	G	F-G	G	4.5	-	-	-	Multi-stem at 0.75 metres	Private	Remove
309	Apple species	<i>Malus</i> sp.	29, 24	P	F	P-F	1.5	-	-	-	Co-dominant stems at 0.5 metres, cavity (H) at 0.5 metres, one stem dead	Private	Remove (Condition)
310	Apple species	<i>Malus</i> sp.	20 - 45 (Ave: 25)	P-F	P-F	P-F	2	-	-	-	Epicormic branching (H), multi-stem at 1.25 metres, burls (M), cavities (L), pruning wounds (H)	Private	Remove
311	Apple species	<i>Malus</i> sp.	40	F	P-F	P-F	2	-	-	-	Pruning wounds (H), broken branches (H), epicormic branching (H)	Private	Remove
312	Apple species	<i>Malus</i> sp.	45	P	P	P	1	-	-	-	Decay column (H), pruning wounds (H), epicormic branching (H)	Private	Remove (Condition)
313	Black Walnut	<i>Juglans nigra</i>	68	G	G	F-G	6	-	-	-	Broken branches (L), epicormic branching (L)	Private	Remove
314	Apple species	<i>Malus</i> sp.	50	P	P	P	2	-	-	-	Epicormic branching (H), pruning wounds (H), decay column, asymmetrical crown (H)	Private	Remove (Condition)
315	Pear species	<i>Pyrus</i> sp.	21, 6	P-F	F	F	1	-	-	-	Cavity (H) at base	Private	Remove
316	Apple species	<i>Malus</i> sp.	50	P	P	F	2	-	-	-	Decay column (H), broken branches (M), pruning wounds (M)	Private	Remove (Condition)
317	Manitoba Maple	<i>Acer negundo</i>	22	F	P-F	G	3	-	-	-	Lean (M), previous stems pruned at base	Private	Remove
318	Black Walnut	<i>Juglans nigra</i>	60	G	G	F-G	6	-	-	-		Private	Remove
319	Norway Spruce	<i>Picea abies</i>	119	F	P-F	F-G	5	-	-	-	Co-dominant stems at 1.5 metres, pruning wounds (L), deadwood (L)	Private	Remove
320	Norway Spruce	<i>Picea abies</i>	52	F	F	F-G	5	3	-	-	Multi-stem at 2 metres, included bark (L), deadwood (L)	Private	Remove
321	Norway Spruce	<i>Picea abies</i>	52	F-G	F-G	F-G	5	4	-	-	Deadwood (L), broken branches (L), included wooden object (L)	Private	Remove
322	Norway Spruce	<i>Picea abies</i>	75	F	P-F	F	6	-	-	-	Sparse crown (L), co-dominant stems at 1.5 metres, included bark (H)	Private	Remove
323	Norway Spruce	<i>Picea abies</i>	32	F-G	G	F	3	-	-	-	Deadwood (M), included nails	Private	Remove
324	Norway Spruce	<i>Picea abies</i>	41	F-G	G	G	4	-	-	-	Asymmetrical crown (L), included nails	Private	Remove
325	Norway Spruce	<i>Picea abies</i>	68	F	F	G	5	-	-	-	Co-dominant stems at 3.5 metres, cavity (M) at 1.25 metres	Private	Remove
326	Norway Spruce	<i>Picea abies</i>	43	F	F	F-G	3.5	-	-	-	Union at 1.5 metres, small stem dead	Private	Remove
327	Norway Spruce	<i>Picea abies</i>	43	P-F	P-F	F	5	3.5	-	-	Multi-stem at 1.5 metres, middle stem pruned, growth deficits (M), deadwood (L)	Private	Remove
328	Norway Spruce	<i>Picea abies</i>	35	F-G	F-G	F-G	5	3	-	-	Pruning wounds (M), deadwood (L)	Private	Remove
329	Norway Spruce	<i>Picea abies</i>	39	G	G	F-G	3	-	-	-	Deadwood (L), sparse crown (L)	Private	Remove
P330	Refer to Table 2											Private	Remove
331	Black Walnut	<i>Juglans nigra</i>	35	G	G	G	4.5	-	-	-		Private	Remove
332	Apple species	<i>Malus</i> sp.	35, 30	P	P	P	2	-	-	-	Epicormic branching (H), cavities (H)	Private	Remove (Condition)
333	Manitoba Maple	<i>Acer negundo</i>	20, 19, 14	P-F	P	P	1.5	-	-	-	Pruning wounds (H), epicormic branching (H), co-dominant stems at base, included wooden object	Private	Remove (Condition)
P334	Refer to Table 2											Private	Remove
335	Manitoba Maple	<i>Acer negundo</i>	25, 11	P	P-F	P-F	2	-	-	-	Co-dominant stems at base, cavity (H) at base, epicormic branching (M)	Private	Remove (Condition)
336	Manitoba Maple	<i>Acer negundo</i>	25, 25	P	P	P	2	-	-	-	Pruning wounds (H), multi-stem at base, multiple stems have failed, epicormic branching (H)	Private	Remove (Condition)
337	White Ash	<i>Fraxinus americana</i>	18, 6	P	F	P	1.5	-	-	-	Co-dominant stems at base, EAB present	Private	Remove (Condition)
338	White Spruce	<i>Picea glauca</i>	12	F	G	P	1	-	-	-	Sparse crown (M), chlorosis (M), declining	Private	Remove (Condition)
339	White Spruce	<i>Picea glauca</i>	15	F	G	P	50	1	-	-	Deadwood (H), sparse crown (H), declining	Private	Remove (Condition)
340	White Spruce	<i>Picea glauca</i>	15	F	G	P-F	20	1	-	-	Deadwood (M), sparse crown (L)	Private	Remove
341	White Spruce	<i>Picea glauca</i>	15	F	G	P	15	1	-	-	Chlorosis (M), deadwood (M), drooping (H)	Private	Remove (Condition)
P342	Refer to Table 2											Private	Remove
343	White Spruce	<i>Picea glauca</i>	31	F-G	F-G	P-F	20	3	-	-	Deadwood (M), sparse crown (M)	Private	Remove
344	White Pine	<i>Pinus strobus</i>	32	F-G	F-G	F	2.5	-	-	-	Chlorosis (M), sparse crown (M)	Private	Remove
345	White Birch	<i>Betula papyrifera</i>	12, 10, 8	G	F-G	G	1.5	-	-	-	Multi-stem at base	Private	Remove
346	Manitoba Maple	<i>Acer negundo</i>	35, 12	P	P	P	2	-	-	-	Decay (H) at base, epicormic branching (H), coppice growth (H), broken branches (H)	Private	Remove (Condition)

347	White Birch	<i>Betula papyrifera</i>	10, 7, 3, 2, 2, 2	G	F-G	G		1	-	-	-	Multi-stem at base	Private	Remove
P348								Refer to Table 2					Private	Remove
349	Norway Spruce	<i>Picea abies</i>	39	F-G	F-G	G		4	-	-	-	Deadwood (L), included nails	Private	Remove
350	Norway Spruce	<i>Picea abies</i>	46	F	F-G	G		4	-	-	-	Stem wound (M) at 2 metres, included nails	Private	Remove
351	River Birch	<i>Betula nigra</i>	9, 6, 5	G	F-G	G		1.5	-	-	-	Multi-stem at base	Private	Remove
352	Black Walnut	<i>Juglans nigra</i>	60, 50	F-G	F	F-G	10	6	-	-	-	Co-dominant stems at base, broken branches (M), deadwood (L)	Private	Remove
353	Manitoba Maple	<i>Acer negundo</i>	35, 20	P-F	P-F	P-F	25	4	-	-	-	Co-dominant stems at base, small stem almost dead, epicormic branching (M), deadwood (H)	Private	Remove
354	White Birch	<i>Betula papyrifera</i>	12, 12	G	F-G	G		1	-	-	-	Co-dominant stems at base	Private	Remove
355	Norway Spruce	<i>Picea abies</i>	75	G	G	G		5	-	-	-		Private	Remove
356	Norway Spruce	<i>Picea abies</i>	70	F-G	F-G	F	15	3	-	-	-	Sparse crown (M), deadwood (M)	Private	Remove
357	Manitoba Maple	<i>Acer negundo</i>	27, 17, 15	P-F	P	P		5	-	-	-	Multi-stem at base, cavity (L) at base, epicormic branching (H), coppice growth (M), deadwood (M)	Private	Remove (Condition)
358	Norway Spruce	<i>Picea abies</i>	38	G	G	F-G		3	-	-	-	Sparse crown (L)	Private	Remove
359	Manitoba Maple	<i>Acer negundo</i>	13	P-F	P-F	F		4	-	-	-	Epicormic branching (M), lean (M), burls (H)	Private	Remove
360	Norway Spruce	<i>Picea abies</i>	70	F-G	G	P-F	40	4	-	-	-	Deadwood (H), sparse crown (L)	Private	Remove
361	Norway Spruce	<i>Picea abies</i>	38	P-F	G	P	95	2	-	-	-	Almost dead	Private	Remove (Condition)
362	Norway Spruce	<i>Picea abies</i>	63	F	P-F	G		4	-	-	-	Asymmetrical crown (M), co-dominant stems at 1.5 metres, union at 3 metres	Private	Remove
363	Silver Maple	<i>Acer saccharinum</i>	85	F	F	F	30	8	-	-	-	Multi-stem at 1.5 metres, broken branches (M), epicormic branching (M)	Private	Remove
364	Silver Maple	<i>Acer saccharinum</i>	80	F-G	F-G	F	25	7	-	-	-	Deadwood (M), sweep (L)	Private	Remove
365	Silver Maple	<i>Acer saccharinum</i>	75	F-G	F	F	25	8	-	-	-	Co-dominant stems at 2.5 metres, deadwood (M), epicormic branching (L)	Private	Remove
366	Silver Maple	<i>Acer saccharinum</i>	55	F-G	F-G	F		5	-	-	-	Broken branches (M), epicormic branching (M)	Private	Remove
P367								Refer to Table 2					Private	Remove
368	Black Walnut	<i>Juglans nigra</i>	59	G	G	F-G		5	-	-	-	Epicormic branching (M), broken branches (L)	Private	Remove
369	Norway Spruce	<i>Picea abies</i>	12	G	G	G		1	-	-	-		Private	Remove
370	Norway Spruce	<i>Picea abies</i>	22	G	G	F-G		1.5	-	-	-	Deadwood (L)	Private	Remove
371	Norway Spruce	<i>Picea abies</i>	35	G	G	G		2	-	-	-		Private	Remove
372	Apple species	<i>Malus</i> sp.	21	F	F-G	F	15	1.5	-	-	-	Broken branches (M), deadwood (M)	Private	Remove
373	White Pine	<i>Pinus strobus</i>	68	G	F-G	G		7.5	4.2	4.2	-	Asymmetrical crown (M), co-dominant stems in crown	Private	Retain
374	White Pine	<i>Pinus strobus</i>	69	G	G	G		8	4.2	4.2	-	Crooks (L), broken branches (L)	Private	Retain
375	Norway Spruce	<i>Picea abies</i>	68	G	G	F-G	10	4.5	-	-	-	Deadwood (L), sparse crown (L)	Private	Remove
376	Norway Spruce	<i>Picea abies</i>	58	F	F	F-G		4	-	-	-	Co-dominant stems at 1 metre, included bark (H)	Private	Remove
377	Norway Spruce	<i>Picea abies</i>	101	F	F	G		6	-	-	-	Co-dominant stems at 1.5 metres, included bark (H), cavity (L) at base	Private	Remove
378	Norway Spruce	<i>Picea abies</i>	65	G	G	G	5	4	-	-	-	Deadwood (L)	Private	Remove
379	Sugar Maple	<i>Acer saccharum</i>	11	G	G	G		1.5	-	-	-		Private	Remove
380	Willow species	<i>Salix</i> sp.	76	F	P-F	P-F		8	-	-	-	Lean (L), epicormic branching (M), broken branches (M), asymmetrical crown (H)	Private	Remove
381	Willow species	<i>Salix</i> sp.	95	F	F-G	P-F		8	-	-	-	Epicormic branching (H), deadwood (M), broken branches (M)	Private	Remove
382	White Ash	<i>Fraxinus americana</i>	18	P	G	P-F		1	-	-	-	EAB present	Private	Remove (Condition)
383	Poplar species	<i>Populus</i> sp.	1 - 12	F-G	F	F-G		1	-	-	-	Multi-stem at base, included bark (M), stem wound (M) at 0.75 metres	Private	Remove
384	Norway Spruce	<i>Picea abies</i>	60	F-G	G	F	15	3	-	-	-	Deadwood (M), sparse crown (M)	Private	Remove
385	Black Walnut	<i>Juglans nigra</i>	76	G	G	F-G		6	-	-	-	Broken branches (L), epicormic branching (M)	Private	Remove
386	Apple species	<i>Malus</i> sp.	1 - 10	F	F	F-G		1	-	-	-		Private	Remove
387	Apple species	<i>Malus</i> sp.	12, 8	F	F	F-G		1.5	-	-	-	Bow (M), epicormic branching (L)	Private	Remove
388	Norway Maple	<i>Acer platanoides</i>	32	F-G	G	G		2.5	-	-	-	Crack (L) from base to 2 metres, crack (M) from 1 metre to 3 metres	Private	Remove
389	Silver Maple	<i>Acer saccharinum</i>	44	G	F-G	G		4	-	-	-	Multi-stem at 2 metres	Private	Remove
390	White Pine	<i>Pinus strobus</i>	12	P-F	P-F	P-F		1	-	-	-	Lost leader, stem wound (H) at base, chlorosis (M), sparse crown (L)	Private	Remove
391	White Pine	<i>Pinus strobus</i>	15	G	G	G		1	-	-	-	Chlorosis (L), asymmetrical crown (L)	Private	Remove
392	White Birch	<i>Betula papyrifera</i>	14, 10	F-G	F	G		2.5	-	-	-	Co-dominant stems at base, one stem previously pruned at base	Private	Remove
393	White Birch	<i>Betula papyrifera</i>	16, 9	F-G	F	G		2.5	-	-	-		Private	Remove
394	Austrian Pine	<i>Pinus nigra</i>	26	F-G	G	P-F	30	2	-	-	-	Deadwood (H)	Private	Remove



395	Austrian Pine	<i>Pinus nigra</i>	27	G	G	F		2	-	-	-			Private	Remove
396	Austrian Pine	<i>Pinus nigra</i>	28	F-G	F	F-G		2.5	-	-	-	Co-dominant stems at 2.5 metres, deadwood (M)		Private	Remove
397	Austrian Pine	<i>Pinus nigra</i>	33	G	G	G		2.5	-	-	-	Deadwood (L)		Private	Remove
398	Austrian Pine	<i>Pinus nigra</i>	24	F	F	F-G		2	-	-	-	Crook (L) in crown		Private	Remove
399	Austrian Pine	<i>Pinus nigra</i>	21	P-F	F	P	90	1.5	-	-	-	Almost dead		Private	Remove (Condition)
400	White Pine	<i>Pinus strobus</i>	12	G	G	F-G		1	-	-	-	Chlorosis (L)		Private	Remove
401	White Pine	<i>Pinus strobus</i>	15	F-G	F-G	F-G		1	-	-	-	Chlorosis (L), asymmetrical crown (M), crook (L) in crown		Private	Remove
402	Willow species	<i>Salix</i> sp.	39	F	F	P-F		3	-	-	-	Co-dominant stems at 3 metres, epicormic branching (H)		Private	Remove
403	Willow species	<i>Salix</i> sp.	35	F	F-G	P-F		3	-	-	-	Epicormic branching (H)		Private	Remove
404	Willow species	<i>Salix</i> sp.	36	F-G	F	P-F		3	-	-	-	Epicormic branching (H), deadwood (M), co-dominant stems at 3 metres		Private	Remove
405	Willow species	<i>Salix</i> sp.	38	F	F	P-F	15	4	-	-	-	Deadwood (M), epicormic branching (H), burls (M)		Private	Remove
406	Willow species	<i>Salix</i> sp.	38	F	F	P-F	15	4	-	-	-	Epicormic branching (H), deadwood (M), burls (M), broken branches (M)		Private	Remove
407	Willow species	<i>Salix</i> sp.	38	F-G	F	P-F		3	-	-	-	Epicormic branching (H), deadwood (M), broken branches (L)		Private	Remove
408	Willow species	<i>Salix</i> sp.	28	F-G	F-G	F		3	-	-	-	Epicormic branching (M), stem wound (L) at base, deadwood (L)		Private	Remove
409	Willow species	<i>Salix</i> sp.	38	F	F	P-F		3	-	-	-	Epicormic branching (H), broken branches (M), pruning wounds (M)		Private	Remove
410	Willow species	<i>Salix</i> sp.	50	F-G	F	F		4	-	-	-	Epicormic branching (M), union at 1.5 metres, pruning wounds (H), broken branches (L)		Private	Remove
411	White Birch	<i>Betula papyrifera</i>	23, 19, 9	F-G	F-G	F-G		4	3	3	-	Multi-stem at base, included bark (M), vine competition (H)		Private	Retain
412	White Birch	<i>Betula papyrifera</i>	15, 14, 13	G	F-G	G		2.5	2.4	2.4	-	Multi-stem at base		Private	Retain
413	White Birch	<i>Betula papyrifera</i>	18, 13	G	F-G	G		2.5	2.4	2.4	-	Co-dominant stems at base		Private	Retain
414	White Birch	<i>Betula papyrifera</i>	10, 7, 7	G	F	F		1.5	2.4	2.4	-	Multi-stem at base, bow (L)		Private	Retain
415	White Birch	<i>Betula papyrifera</i>	21, 9	G	F-G	G		2	2.4	2.4	-	Co-dominant stems at base		Private	Retain
416	White Birch	<i>Betula papyrifera</i>	13	F-G	G	G		1	2.4	2.4	-			Private	Retain
417	White Birch	<i>Betula papyrifera</i>	16, 11, 10	F	F	F		2	2.4	2.4	-	Deadwood (M), lost leader, multi-stem at base		Private	Retain
418	White Birch	<i>Betula papyrifera</i>	14, 13, 13	G	F-G	G		2	2.4	2.4	-	Multi-stem at base, deadwood (L)		Private	Retain
419	White Birch	<i>Betula papyrifera</i>	11	F	G	F-G		1.5	2.4	2.4	-			Private	Retain
420	Norway Maple	<i>Acer platanoides</i>	37	F	F	F		3	3	3	-	Crack (H) from base to 2 metres (mostly healed), sparse crown (M)		Private	Retain
421	London Planetree	<i>Platanus x acerifolia</i>	29	F-G	F-G	G	10	3	-	-	-	Crack (L) from base to 1 metre		Private	Remove
422	London Planetree	<i>Platanus x acerifolia</i>	29	G	G	G		3	-	-	-	Sweep (L)		Private	Remove
423	London Planetree	<i>Platanus x acerifolia</i>	33	F-G	F-G	G		3	-	-	-	Bulge (M) at 1.5 metres, sweep (L)		Private	Remove
424	Honey Locust	<i>Gleditsia triacanthos</i>	31	G	F	F		4	-	-	-	Asymmetrical crown (M), epicormic branching (M), deadwood (L)		Private	Remove
425	Honey Locust	<i>Gleditsia triacanthos</i>	33	F-G	F	F		4	-	-	-	Asymmetrical crown (H), deadwood (L), epicormic branching (M), deadwood (M)		Private	Remove
426	Honey Locust	<i>Gleditsia triacanthos</i>	35	F	F	F	15	4	-	-	-	Deadwood (M), pruning wounds (H)		Private	Remove
427	London Planetree	<i>Platanus x acerifolia</i>	52	F	F-G	F-G		4	3.6	3.6	-	Pruning wounds (H), crack (M) from base to 4 metres, --> monitor		Private	Retain
428	Red Oak	<i>Quercus rubra</i>	38	F-G	F-G	F	15	3	3	3	-			Private	Retain
429	Honey Locust	<i>Gleditsia triacanthos</i>	31	F-G	F	F	10	4	-	-	-	Co-dominant stems at 2.5 metres, deadwood (M), pruning wounds (L)		Private	Remove
430	Honey Locust	<i>Gleditsia triacanthos</i>	30	F	F-G	F-G		3	-	-	-	Gypsy moth present, deadwood (L), pruning wounds (L)		Private	Remove
431	Honey Locust	<i>Gleditsia triacanthos</i>	37	F-G	F-G	F-G	10	4	-	-	-	Asymmetrical crown (M), deadwood (M)		Private	Remove
432	Honey Locust	<i>Gleditsia triacanthos</i>	30	F-G	F	F-G	10	4	-	-	-	Asymmetrical crown (M), pruning wounds (M), deadwood (M)		Private	Remove
433	London Planetree	<i>Platanus x acerifolia</i>	43	P	P-F	P	50	4	-	-	-	Decay column (H), deadwood (H) --> hazard		Private	Remove (Condition)
434	London Planetree	<i>Platanus x acerifolia</i>	55	F	F	F-G		5	-	-	-	Sweep (M), epicormic branching (M), asymmetrical crown (L)		Private	Remove
435	Austrian Pine	<i>Pinus nigra</i>	31	F	F	F	25	2	-	-	-	Deadwood (H), co-dominant stems at 2.5 metres, sweep (L)		Private	Remove
436	Austrian Pine	<i>Pinus nigra</i>	22	F	G	F	25	1.5	-	-	-	Co-dominant stems in crown, deadwood (H)		Private	Remove
437	Red Oak	<i>Quercus rubra</i>	44	F-G	F-G	G		4	-	-	-	Co-dominant stems at 0.5 metres, included bark (M), deadwood (L)		Private	Remove
438	London Planetree	<i>Platanus x acerifolia</i>	36	F-G	F-G	G		3.5	-	-	-	Sweep (L), crack (M) from base to 2 metres		Private	Remove
439	Honey Locust	<i>Gleditsia triacanthos</i>	25	F-G	F-G	G		3	-	-	-	Asymmetrical crown (L), co-dominant stems at 3 metres		Private	Remove
440	Austrian Pine	<i>Pinus nigra</i>	31	G	G	G		1.5	-	-	-	Sweep (L)		Private	Remove
441	Austrian Pine	<i>Pinus nigra</i>	28	F-G	F-G	F	10	2	-	-	-	Sweep (L), pruning wounds (M), deadwood (M)		Private	Remove
442	Austrian Pine	<i>Pinus nigra</i>	25	G	F-G	G		1.5	-	-	-	Sweep (L)		Private	Remove
443	Willow species	<i>Salix</i> sp.	59	F	P-F	F		6	-	-	-	Pruning wounds (M), asymmetrical crown (H), broken branches (M), epicormic branching (M), poor union at 6 metres		Private	Remove

444	Willow species	<i>Salix</i> sp.	71, 42	F	P-F	F		8	-	-	-	Co-dominant stems at 1 metre, deadwood (M), epicormic branching (M), broken branches (M)	Private	Remove
445	London Planetree	<i>Platanus x acerifolia</i>	48	F	F	F		4	3	3	-	Crack (M) from base to 3 metres, pruning wounds (H), asymmetrical crown (H), deadwood (L)	Private	Retain
P446								Refer to Table 2					Private	Remove
447	White Birch	<i>Betula papyrifera</i>	22, 21	F-G	F	G		3	-	-	-	Co-dominant stems at base, lean (L)	Private	Remove
448	Black Walnut	<i>Juglans nigra</i>	66	G	F-G	F-G		7	-	-	-	Deadwood (L), broken branches (L), epicormic branching (L)	Private	Remove
449	Norway Spruce	<i>Picea abies</i>	74	G	G	G		5	-	-	-		Private	Remove
450	Norway Spruce	<i>Picea abies</i>	56	G	G	G	5	4	-	-	-	Pruning wounds (L), deadwood (L)	Private	Remove
451	Norway Spruce	<i>Picea abies</i>	67	G	F-G	F-G	10	6	-	-	-	Deadwood (M)	Private	Remove
452	Black Cherry	<i>Prunus serotina</i>	29	P-F	P-F	P	95	3	-	-	-	Almost dead	Private	Remove (Condition)
453	Norway Spruce	<i>Picea abies</i>	62	G	G	F		3	-	-	-	Deadwood (H)	Private	Remove
454	Black Walnut	<i>Juglans nigra</i>	64	F-G	F	F		7	-	-	-	Co-dominant stems at 1.5 metres, epicormic branching (M), deadwood (L)	Private	Remove
455	Black Walnut	<i>Juglans nigra</i>	66	G	F-G	G		6	-	-	-	Asymmetrical crown (L), deadwood (L)	Private	Remove
456	Black Walnut	<i>Juglans nigra</i>	60	G	F-G	F-G		6	-	-	-	Asymmetrical crown (M), epicormic branching (L)	Private	Remove
P457								Refer to Table 2					Private	Remove
458	White Ash	<i>Fraxinus americana</i>	12	P	P-F	P		1	-	-	-	EAB present	Private	Remove (Condition)
459	Black Walnut	<i>Juglans nigra</i>	32	G	F-G	F-G		3	-	-	-	Deadwood (L), co-dominant stems in crown	Private	Remove
460	Black Walnut	<i>Juglans nigra</i>	54	G	G	G		6	-	-	-	Deadwood (L)	Private	Remove
461	Butternut	<i>Juglans cinerea</i>	70	F	F	F	30	9	4.2	4.2		Pruning wounds (M), broken branches (M), asymmetrical crown (M), deadwood (M), canker present	Private	Retain
462	Norway Maple	<i>Acer platanoides</i>	47	F-G	F-G	G		3.5	-	-	-	Asymmetrical crown (M), pruning wounds (H)	Private	Remove
463	White Mulberry	<i>Morus alba</i>	20	F-G	F	G		3	-	-	-	Asymmetrical crown (H), pruning wounds (M), deadwood (L)	Private	Remove
464	Black Locust	<i>Robinia pseudoacacia</i>	27, 15	F-G	F	F-G	10	2	-	-	-	Deadwood (M), co-dominant stems at 0.5 metres	Private	Remove
465	Norway Spruce	<i>Picea abies</i>	66	G	G	G	5	4	-	-	-	Deadwood (L), pruning wounds (M), cavity (L) at base	Private	Remove
466	Norway Spruce	<i>Picea abies</i>	62	G	G	G		4	-	-	-	Vine competition (L)	Private	Remove
467	Butternut	<i>Juglans cinerea</i>	34	P-F	F	P		1.5	-	-	-	Crack (M) from base to 1.5 metres, epicormic branching (H), declining	Private	Remove (Condition)
468	Butternut	<i>Juglans cinerea</i>	21	P-F	F	P		1.5	-	-	-	Crack (M) from base to 0.75 metres, epicormic branching (H), declining	Private	Remove (Condition)
607	Quince species	<i>Cydonia</i> sp.	11, 15, 11.5	F	G	F-G		2	-	-	-	Union at 1m with decay (L) and pooling water, epicormic branching (L),	Private	Remove
608	Pear species	<i>Pyrus</i> sp.	23	F	F	PF	20	2	-	-	-	Deadwood (M), epicormic branching (M), pruning wounds (M), union at 1.5m, cavities (M)	Private	Remove
609	Pear species	<i>Pyrus</i> sp.	21.5	F	F	P	50	2	-	-	-	Deadwood (M), epicormic branching (M), pruning wounds (M), bow (L), declining	Private	Remove (Condition)
610	Pear species	<i>Pyrus</i> sp.	15.5	F	P-F	P	50	2	-	-	-	Deadwood (M), epicormic branching (M), pruning wounds (M), 1 lost leader at 2.5, asymmetrical crown (M), declining	Private	Remove (Condition)
611	Cherry species	<i>Prunus</i> sp.	13, 8	P	P-F	P	60	2	-	-	-	Deadwood (M), epicormic branching (M), pruning wounds (M), union at 0.1m, bow (L), stem wound (M) with decay (M), declining	Private	Remove (Condition)
612	Cherry species	<i>Prunus</i> sp.	39.5	F	F	F	20	5	3	3	-	Exposed roots (L), lean (L), asymmetrical crown (L), deadwood (L), pruning wounds (L), epicormic branching (L), union at 2m, oozing stem wound (L)	Private	Retain
613	Pear species	<i>Pyrus</i> sp.	~16, ~16	F-G	F-G	F-G	15	3	2.4	3	-	Union at 1m, covered in sheet metal, epicormic branching (M), deadwood (L)	Private	Retain
N1	American Beech	<i>Fagus grandifolia</i>	~85	F	F	F-G		8	5.4	-	-	Co-dominant stems at 1.5 metres, included bark (M), crack (M) from base to 2.5 metres, crack (M) between stems	Neighbouring	Remove
N2	American Beech	<i>Fagus grandifolia</i>	~15	G	G	G		2	2.4	2.4	-		Neighbouring	Retain
N3	American Beech	<i>Fagus grandifolia</i>	~20	G	G	G		2.5	2.4	2.4	-		Neighbouring	Retain
N4	Red Oak	<i>Quercus rubra</i>	~70	F-G	F	F-G	15	7	4.2	-	-	Pruning wounds (M), included dead tree (L), asymmetrical crown (H)	Neighbouring	Remove
N5	Norway Maple	<i>Acer platanoides</i>	~70	F-G	F	F-G		6	4.2	4.2	-	Asymmetrical crown (H), deadwood (L)	Neighbouring	Retain
N6	White Pine	<i>Pinus strobus</i>	25	G	G	G		2	-	-	-		Neighbouring	Remove
N7	White Pine	<i>Pinus strobus</i>	20	G	F-G	G		1	2.4	2.4	-		Neighbouring	Retain
N8	Cherry species	<i>Prunus</i> sp.	20	P	P-F	P-F		2.5	2.4	2.4	-	Co-dominant stems at 1 metre, bulge (H) at union	Neighbouring	REMOVED
N9	Cherry species	<i>Prunus</i> sp.	17	F-G	F-G	F		3	2.4	2.4	-	Epicormic branching (M)	Neighbouring	REMOVED
N10	Cherry species	<i>Prunus</i> sp.	10, 6	G	F-G	F-G		2	2.4	2.4	-	Co-dominant stems at 1 metre, epicormic branching (L)	Neighbouring	REMOVED



N11	American Beech	<i>Fagus grandifolia</i>	45	F-G	F-G	G	3	3	3	-	Bow (L), cavity (M) at 1.5 metres, deadwood (L)	Neighbouring	Retain
N12	White Pine	<i>Pinus strobus</i>	~25	G	G	G	2	2.4	2.4	-		Neighbouring	Retain
N13	White Pine	<i>Pinus strobus</i>	~25	G	G	G	2	2.4	2.4	-		Neighbouring	Retain
N14	Honey Locust	<i>Gleditsia triacanthos</i>	~45	F	F-G	F-G	7	3	3	-	Epicormic branching (L), asymmetrical crown (L), pruning wounds (L), stem wound (H), union at 3m	Neighbouring	Retain
NP15	Emerald Cedar	<i>Thuja occidentalis</i> 'Smar	~3 - ~12	G	G	G	1	2.4	2.4	-	~ 30 trees, average DBH 6	Neighbouring	Retain
	Eastern White Cedar	<i>Thuja occidentalis</i>	~3 - ~16	G	F-G	G					~ 22 trees, most were topped, average DBH 10		
NP16	Eastern White Cedar	<i>Thuja occidentalis</i>	~ 8	G	F-G	G	1	-	-	-	2 trees, topped	Neighbouring	Remove
N17	Norway Maple	<i>Acer platanoides</i>	~25, ~20	F-G	G	G	5	2.4	2.4	-	V-union at 1.2m with included bark, sun scald (L)	Neighbouring	Retain
N18	Silver Maple	<i>Acer saccharinum</i>	~85	G	G	G	7	5.4	5.4	-	Pruning wounds (L), union at 7m	Neighbouring	Retain

Codes		
DBH	Diameter at Breast Height	(cm)
TI	Trunk Integrity	(G, F, P)
CS	Crown Structure	(G, F, P)
CV	Crown Vigor	(G, F, P)
CDB	Crown Die Back	(%)
DL	Dripline (radius)	(m)
mTPZ	minimum Tree Protection Zone	TPZ (m) based on Town of Oakville's Tree Protection During Construction (Procedure EN-TRE-001-011) from base of tree.
A. mTPZ	Actual minimum Tree Protection Zone	Actual TPZ (m) achievable during construction from base of tree.
Owner	Private, Neighbour, City	
	~ = estimate; (L) = light; (M) = moderate; (H) = heavy	

**Table 2. Stand Tally Analysis of Tree Polygons**

**P200 - Stand Tally Analysis**

Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
Staghorn Sumac ( <i>Rhus typhina</i> )	12	14	0	0	0	0	0	0	12	14
<b>Total Number of Trees</b>	12	14	0	0	0	0	0	0	12	14

**P202 - Stand Tally Analysis**

Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
Eastern White Cedar ( <i>Thuja occidentalis</i> )	16	13	5	2	0	0	0	0	21	15
<b>Total Number of Trees</b>	16	13	5	2	0	0	0	0	21	15

**P257 - Stand Tally Analysis**

Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
White Birch ( <i>Betula papyrifera</i> )	20	1	0	0	0	0	0	0	20	1
<b>Total Number of Trees</b>	20	1	0	0	0	0	0	0	20	1

**P264 - Stand Tally Analysis**

Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
Scots Pine ( <i>Pinus sylvestris</i> )	0	2	0	0	0	0	0	0	0	2
Blue Spruce ( <i>Picea pungens</i> )	0	5	0	0	0	0	0	0	0	5
White Pine ( <i>Pinus strobus</i> )	5	0	0	0	0	0	2	0	7	0
Silver Maple ( <i>Acer saccharinum</i> )	1	1	1	0	1	0	0	0	3	1
Norway Maple ( <i>Acer platanoides</i> )	2	0	0	0	1	0	0	0	3	0
White Spruce ( <i>Picea glauca</i> )	5	3	5	4	2	0	0	0	12	7
White Ash ( <i>Fraxinus americana</i> )	0	1	0	1	0	0	0	0	0	2
White Birch ( <i>Betula papyrifera</i> )	4	0	0	0	0	0	0	0	4	0
Honey Locust ( <i>Gleditsia triacanthos</i> )	1	0	0	0	0	0	0	0	1	0
Red Oak ( <i>Quercus rubra</i> )	1	0	0	0	0	0	0	0	1	0
Willow species ( <i>Salix</i> sp.)	0	0	0	0	0	1	1	0	1	1
Black Walnut ( <i>Juglans nigra</i> )	3	0	1	0	2	0	0	0	6	0
White Mulberry ( <i>Morus alba</i> )	0	1	0	0	0	0	0	0	0	1
Austrian Pine ( <i>Pinus nigra</i> )	1	1	0	0	0	0	0	0	1	1
<b>Total Number of Trees</b>	23	14	7	5	6	1	3	0	39	20

**P303 - Stand Tally Analysis**

Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
Eastern White Cedar ( <i>Thuja occidentalis</i> )	1	17	0	1	0	0	0	0	1	18
Norway Maple ( <i>Acer platanoides</i> )	1	0	1	0	1	0	0	0	3	0
<b>Total Number of Trees</b>	2	17	1	1	1	0	0	0	4	18

**P330 - Stand Tally Analysis**

Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
White Spruce ( <i>Picea glauca</i> )	4	1	0	0	0	0	0	0	4	1
Blue Spruce ( <i>Picea pungens</i> )	3	1	1	0	0	0	0	0	4	1
<b>Total Number of Trees</b>	7	2	1	0	0	0	0	0	8	2

**P334 - Stand Tally Analysis**

Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
White Spruce ( <i>Picea glauca</i> )	4	0	0	0	0	0	0	0	4	0
<b>Total Number of Trees</b>	4	0	0	0	0	0	0	0	4	0

**P342 - Stand Tally Analysis**

Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
White Spruce ( <i>Picea glauca</i> )	2	6	0	0	0	0	0	0	2	6
<b>Total Number of Trees</b>	2	6	0	0	0	0	0	0	2	6

**P348 - Stand Tally Analysis**

Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
Poplar species ( <i>Populus</i> sp.)	1	0	0	0	0	0	0	0	1	0
White Spruce ( <i>Picea glauca</i> )	1	1	1	0	0	0	0	0	2	1
White Pine ( <i>Pinus strobus</i> )	0	0	1	0	1	0	0	0	2	0
Norway Spruce ( <i>Picea abies</i> )	0	0	1	1	0	0	1	0	2	1
<b>Total Number of Trees</b>	2	1	3	1	1	0	1	0	7	2

**P367 - Stand Tally Analysis**

Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
White Pine ( <i>Pinus strobus</i> )	11	0	0	0	0	0	0	0	11	0
<b>Total Number of Trees</b>	11	0	0	0	0	0	0	0	11	0

**P446 - Stand Tally Analysis**

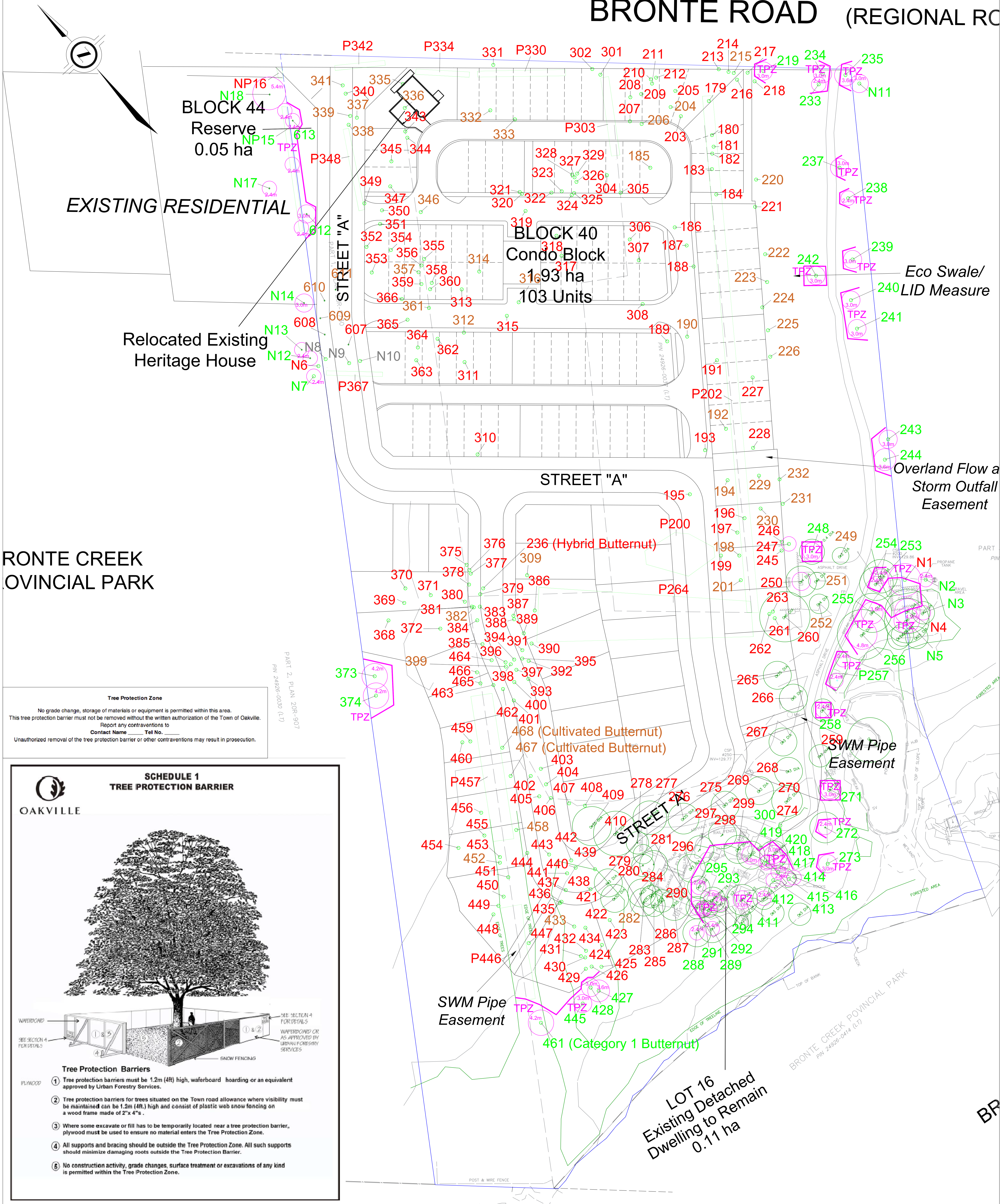
Tree Size Class >	Polewood (10 - 24 cm DBH)		Small (26 - 36 cm DBH)		Medium (38 - 48 cm)		Large (50 cm +)		Total All Sizes	
Species	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS	AGS	UGS
Norway Spruce ( <i>Picea abies</i> )	0	0	0	0	0	0	2	2	2	2
White Ash ( <i>Fraxinus americana</i> )	0	0	0	2	0	0	0	0	0	2
Red Oak ( <i>Quercus rubra</i> )	0	0	0	0	1	0	0	0	1	0
White Birch ( <i>Betula papyrifera</i> )	0	0	0	0	1	0	0	1	1	1
<b>Total Number of Trees</b>	0	0	0	2	2	0	2	3	4	5

**P457 - Stand Tally Analysis**

<b>Tree Size Class &gt;</b>	<b>Polewood (10 - 24 cm DBH)</b>		<b>Small (26 - 36 cm DBH)</b>		<b>Medium (38 - 48 cm)</b>		<b>Large (50 cm +)</b>		<b>Total All Sizes</b>	
<i>Species</i>	<i>AGS</i>	<i>UGS</i>	<i>AGS</i>	<i>UGS</i>	<i>AGS</i>	<i>UGS</i>	<i>AGS</i>	<i>UGS</i>	<i>AGS</i>	<i>UGS</i>
Norway Spruce ( <i>Picea abies</i> )	0	0	0	0	1	0	6	3	7	3
White Birch ( <i>Betula papyrifera</i> )	0	0	1	0	1	1	0	0	2	1
Black Cherry ( <i>Prunus serotina</i> )	0	0	1	1	0	0	0	0	1	1
American Beech ( <i>Fagus grandifolia</i> )	1	0	0	0	0	0	0	0	1	0
Austrian Pine ( <i>Pinus nigra</i> )	3	0	0	0	0	0	0	0	3	0
Sugar Maple ( <i>Acer saccharum</i> )	0	0	0	0	0	0	0	1	0	1
<b>Total Number of Trees</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>14</b>	<b>6</b>



# BRONTE ROAD (REGIONAL ROAD 10)



**Tree Protection Zone**

No grade change, storage of materials or equipment is permitted within this area. This tree protection barrier must not be removed without the written authorization of the Town of Oakville. Report any contraventions to \_\_\_\_\_

Contact Name \_\_\_\_\_ Tel No. \_\_\_\_\_

Unauthorized removal of the tree protection barrier or other contraventions may result in prosecution.

**SCHEDULE 1**  
**TREE PROTECTION BARRIER**

**OAKVILLE**

**Tree Protection Barriers**

- Tree protection barriers must be 1.2m (4ft) high, waferboard hoarding or an equivalent approved by Urban Forestry Services.
- Tree protection barriers for trees situated on the Town road allowance where visibility must be maintained can be 1.2m (4ft) high and consist of plastic web snow fencing on a wood frame made of 2"x4"s.
- Where some excavate or fill has to be temporarily located near a tree protection barrier, plywood must be used to ensure no material enters the Tree Protection Zone.
- All supports and bracing should be outside the Tree Protection Zone. All such supports should minimize damaging roots outside the Tree Protection Barrier.
- No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.

**Tree Inventory**

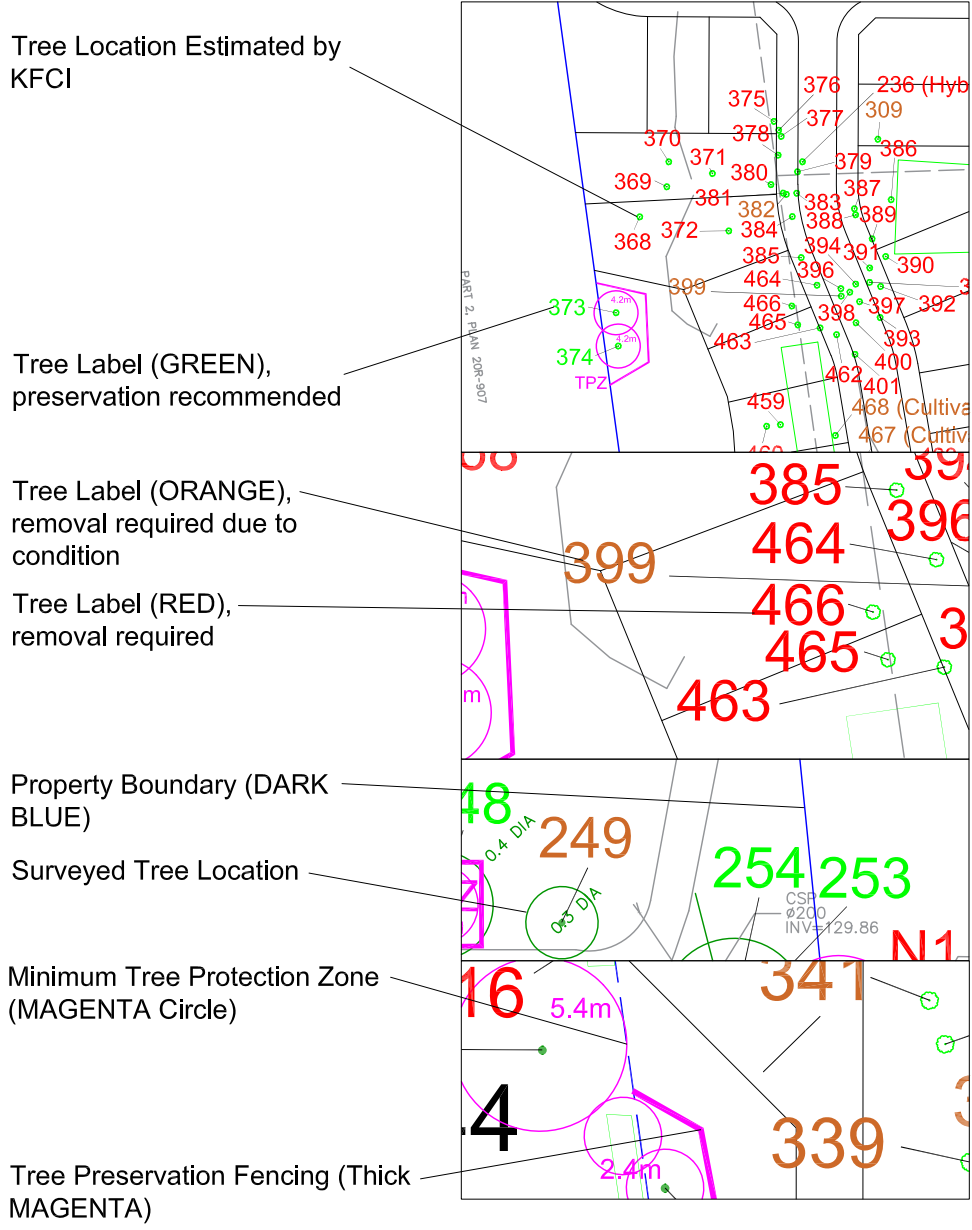
Refer to Table 1 and Table 2 of the report dated 8 September 2021 for complete tree inventory information. Trees greater than 10cm DBH on and within six metres of the subject properties and trees of all sizes within the City right-of-way were included in the inventory.

**Tree Removals**

The removal of 241 trees and 12 tree polygons is required to accommodate the proposed development. Trees recommended for removal are indicated with RED or ORANGE labels.

**Tree Preservation**

Preservation of the remaining 57 trees and two tree polygons will be possible with the appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Tree protection measures must be implemented prior to the demolition phase. Minimum tree protection zones and required tree preservation fencing are indicated in MAGENTA.



**TREE PROTECTION PLAN NOTES**

- It is the applicants' responsibility to discuss potential impacts to trees located near or wholly on adjacent properties or on shared boundary lines with their neighbours. Should such trees be injured to the point of instability or death the applicant may be held responsible through civil action. The applicant would also be required to replace such trees to the satisfaction of Urban Forestry.
- Tree protection barriers shall be installed to standards as detailed in this document and to the satisfaction of Urban Forestry.
- Tree protection barriers must be installed using plywood clad hoarding (minimum 19mm or 3/4" thick) or an equivalent approved by Urban Forestry.
- Where required, signs as specified in Section 4, Tree Protection Signage must be attached to all sides of the barrier.
- Prior to the commencement of any site activity such as site alteration, demolition or construction, the tree protection measures specified on this plan must be installed to the satisfaction of Urban Forestry.
- Once all tree/site protection measures have been installed, Urban Forestry staff must be contacted to arrange for an inspection of the site and approval of the tree/site protection requirements. Photographs that clearly show the installed tree/site protection shall be provided for Urban Forestry review.
- Where changes to the location of the approved TPZ or sediment control or where temporary access to the TPZ is proposed, Urban Forestry must be contacted to obtain approval prior to alteration.
- Tree protection barriers must remain in place and in good condition during demolition, construction and/or site disturbance, including landscaping, and must not be altered, moved or removed until authorized by Urban Forestry.
- No construction activities including grade changes, surface treatments or excavation of any kind are permitted within the area identified on the Tree Protection Plan or Site Plan as a tree protection zone (TPZ). No root cutting is permitted. No storage of materials or fill is permitted within the TPZ. No movement or storage of vehicles or equipment is permitted within the TPZ. The area(s) identified as a TPZ must be protected and remain undisturbed at all times.
- All additional tree protection or preservation requirements, above and beyond the installation of tree protection barriers, must be undertaken or implemented as detailed in the Urban Forestry approved arborist report and/or the approved tree protection plan and to the satisfaction of Urban Forestry.
- If the minimum tree protection zone (TPZ) must be reduced to facilitate construction access, the tree protection barriers must be maintained at a lesser distance and the exposed portion of TPZ must be protected using a horizontal root protection method approved by Urban Forestry.
- Any roots or branches indicated on this plan which require pruning, as approved by Urban Forestry, must be pruned by an arborist. All pruning of tree roots and branches must be in accordance with good arboricultural practice. Roots that have received approval from Urban Forestry to be pruned must first be exposed using pneumatic (air) excavation, by hand digging or by a using low pressure hydraulic (water) excavation. The water pressure for hydraulic excavation must be low enough that root bark is not damaged or removed. This will allow a proper pruning out and minimize tearing of the roots. The arborist retained to carry out crown or root pruning must contact Urban Forestry no less than three working days prior to conducting any specified work.
- The applicant/owner shall protect all by-law regulated trees in the area of consideration that have not been approved for removal throughout development works to the satisfaction of Urban Forestry.
- Convictions of offences respecting the regulations in the Street Tree By-law and Private Tree By-law are subject to fines. A person convicted of an offence under these by-laws is liable to a minimum fine of \$500 and a maximum fine of \$100,000 per tree, and/or a Special Fine of \$100,000. The landowner may be ordered by the City to stop the contravening activity or ordered to undertake work to correct the contravention.
- Prior to site disturbance the owner must confirm that no migratory birds are making use of the site for nesting. The owner must ensure that the works are in conformance with the Migratory Bird Convention Act and that no migratory bird nests will be impacted by the proposed work no less than 48 hours prior to conducting any specified work.

No.	Issue/Revisions	Date	By
1	Report Submission	19 Jan, '21	KD
2	Report Resubmission	8 Sept, '21	KNH
3	Report Resubmission	16 Nov, '21	KNH
4	Report Resubmission	25 Nov, '21	KNH

Base Data: J. D. Barnes Ltd. (topographic survey), Gerrard Design Associates Inc. (site plan)

	<b>KUNTZ FORESTRY CONSULTING Inc.</b>	146 Lakeshore Road West PO Box 1267 Lakeshore W PO Oakville ON L6K 0B3 t: 288.837.1471 e: consult@kuntzforestry.ca web: www.kuntzforestry.ca
Client Bronte River, LP 4900 Palladium Way   Unit 105 Burlington   Ontario   L7M 0W7		
Property 1300 - 1350 Bronte Road Oakville   Ontario		
Existing Conditions, Proposed Site Plan, Tree Inventory & Preservation Plan		
Project	P2588	Figure
Date	19 January 2021	1
Scale	1:600	