

**Tree Inventory and Preservation Report  
210 Burnhamthorpe Road East  
Oakville, Ontario**

prepared for

**Argo Oakville Woods Corporation  
4900 Palladium Way, Suite 105  
Burlington, Ontario L7M 0W7**

prepared by



18 March 2025; revised 13 May 2026

KUNTZ FORESTRY CONSULTING INC. Project P3211

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## 1.0 Introduction

Kuntz Forestry Consulting Inc. was retained by Argo Oakville Woods Corporation to complete a Tree Inventory and Preservation Plan and Report as part of a proposed development application for the subject site located at 210 Burnhamthorpe Road East, in the Town of Oakville, Ontario. The subject site is located on the east side of Burnhamthorpe Road East, south of Trafalgar Road, and north of Sixth Line, within a rural area. A woodlot, identified as part of the Natural Heritage System (NHS), exists along the southeast boundary of the subject site.

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

- Prepare an inventory of tree resources measuring 10cm diameter at breast height (DBH) and greater on and within six metres of the subject site outside of the NHS feature and along the edge of the woodlot within the NHS feature (i.e. within six metres of the dripline of the woodlot), and trees of all sizes within the road right-of-way;
- Evaluate potential tree saving opportunities based on the proposed development plans; and
- Document the findings in a Tree Inventory and Preservation Plan and Report.

The results of the evaluation are provided below.

## 2.0 Methodology

### 2.1 Tree Inventory

Trees measuring 10cm DBH and greater on and within six metres of the subject site outside of the NHS feature and along the edge of the woodlot within the NHS feature (i.e. within six metres of the dripline of the woodlot), and trees of all sizes within the road right-of-way were identified in the tree inventory. Trees were located using a backpack GPS unit (Trimble R2 GNSS receiver) accurate to  $\pm$  one metre, and estimations made from known points in the field. Trees and polygons included in the inventory were identified as Trees / Polygons 352 – 480 and A – O. Trees that were not tagged were identified using the alphabetic sequence or were denoted with “(NT)” following their numeric identifier.

Individual tree resources were visually assessed utilizing the following parameters:

**Tree #** – Number assigned to trees that corresponds to Figure 1.

**Species** – Common and botanical names provided in the inventory table.

**DBH** – Diameter (cm) at breast height, measured at 1.4 metres above the ground.

**Condition** – Condition of tree considering trunk integrity (TI), crown structure (CS) and crown vigor (CV). Condition ratings include poor (P), fair (F), and good (G).

**Crown Dieback** – Percentage of dead branches within the crown.

**Dripline** – Crown diameter (m).

**Comments** – Any other relevant tree condition information.

Where trees were situated in groups they were inventoried as polygons. These polygons are denoted with a “P” preceding their numeric identifier. Tree polygons 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):** 10cm – 14cm, 15cm – 24cm, 25cm – 34cm, 35cm – 44cm, 45cm – 54cm, 55cm – 64cm, 65cm – 74cm, 75cm – 84cm, 85cm – 94cm, and 95cm 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, Figure 1 for the locations of the trees / polygons, and Appendix A for photographs of the trees / polygons.

### 3.0 Existing Site Conditions

The subject site is currently occupied by a one-storey dwelling, a shop / office building, multiple outbuildings including two garages and a barn, and agricultural land. Tree resources exist in the form of landscape trees, orchard trees, and natural regeneration. Refer to Figure 1 for the existing site conditions.

### 4.0 Individual Tree Resources

Field assessments for the tree inventory were conducted on 14 and 20 April 2023. The tree inventory documented 140 trees and four polygons on and within six metres of the subject site outside of the NHS feature, along the edge of the woodlot within the NHS feature (i.e. within six metres of the dripline of the woodlot), and within the road right-of-way.

Tree resources are comprised of Apple species (*Malus sp.*), Basswood (*Tilia americana*), Black Walnut (*Juglans nigra*), Blue Spruce (*Picea pungens*), Bur Oak (*Quercus macrocarpa*), Cherry species (*Prunus sp.*), Eastern White Cedar (*Thuja occidentalis*), Green Ash (*Fraxinus pennsylvanica*), Ironwood (*Ostrya virginiana*), Manitoba Maple (*Acer negundo*), Norway Maple (*Acer platanoides*), Pear species (*Pyrus sp.*), Poplar species (*Populus sp.*), Red Oak (*Quercus rubra*), Shagbark Hickory (*Carya ovata*), Silver Maple (*Acer saccharinum*), Sugar Maple (*Acer saccharum*), White Elm (*Ulmus americana*), White Pine (*Pinus strobus*), White Spruce (*Picea glauca*), and Willow species (*Salix sp.*).

It should be noted that no Butternut (*Juglans cinerea*) or Black Ash (*Fraxinus nigra*) were observed on or within six metres of the subject site outside of the NHS feature or along the edge of the woodlot within the NHS feature (i.e. within six metres of the dripline of the woodlot).

Refer to Table 1 and Table 2 for the detailed tree inventory and Figure 1 for the locations of trees / polygons reported in the inventory.

### 5.0 Proposed Works

The proposed development includes the construction of multiple residential blocks, roadways, and a village square block. Burnhamthorpe Road East is to be subject to road widening which is taken into consideration by the proposed concept plan. The NHS feature

is to be retained as-is with the exception of the construction of a pedestrian trail along the northwest boundary of the feature. Refer to Figure 1 for the proposed concept plan.

## 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.

### 6.1 Development Impacts / Tree Removals

The removal of 72 trees and four polygons, including Trees / Polygons 352 – 417, 419, 420, A, B, D, F, J, and M – O, will be required to accommodate the proposed development.

Trees / Polygons 387, 409, 417, 420, A, B, D, F, J, and M – O are located fully or partially on neighbouring properties. As such, written permission from the respective neighbouring property owner will be required prior to the removal of these trees / polygons. Trees 352, 360, 384, and 385 are located fully or partially within the Burnhamthorpe Road right-of-way and as such, permission from the Town of Oakville will be required prior to their removal.

Trees 353 – 355, 357, 359, 361 – 368, 370 – 376, 378 – 383, 386 – 389, 391 – 403, 405 – 409, 411 – 417, 420, A, B, D, F, J, and M – O, and some trees within Polygons 366, 387, 408, and 409, are greater than 15cm DBH and located on private property.

It should be noted that additional tree removals may be required in order to accommodate grading associated with the construction of the proposed pedestrian trail located adjacent to the NHS feature, as shown on Figure 1. Once a detailed grading plan has been finalized for the proposed pedestrian trail, the preservation planning for trees within proximity to this area will be reviewed and revised as necessary.

### 6.2 Tree Preservation

The preservation of 68 trees, including Trees 418, 421 – 480, C, E, G – I, K, and L, will be possible with the use of appropriate tree protection measures as indicated on Figure 1. Tree protection measures must be implemented prior to the commencement of works associated with the proposed development to ensure tree resources designated for preservation are not impacted. Refer to Figure 1 for the locations of the prescribed tree preservation fencing, the general Tree Protection Plan Notes, and the tree preservation fence details.

Where the minimum tree protection zone (mTPZ) of a tree cannot be fully respected, including for Trees 418, 421, C, and G, special mitigation measures have been prescribed and are outlined below.

#### Trees 418, 421, C, and G

Encroachment into the mTPZs of Trees 418 and 421 will be required to accommodate the construction of the extension of Settlers Road through the subject property. Encroachment into the mTPZs of Trees C and G is expected to accommodate the regrading of the subject site in support of the proposed development. If the following mitigation measures are employed, long-term adverse effects are not anticipated for these trees.

1. Prior to the commencement of the proposed works, tree preservation fencing should be installed as shown on Figure 1 and maintained throughout the proposed works.
2. Where excavation is required within the mTPZ of a tree, it should occur using small machinery (i.e. a skidsteer or miniature excavator) and under the supervision of a Certified Arborist.
3. Any roots damaged during the excavation process are to be pruned by a Certified Arborist in accordance with Good Arboricultural Standards.
4. Any branches that require pruning in order to accommodate the proposed works should be pruned by a Certified Arborist or other tree professional in accordance with Good Arboricultural Standards.

Tree preservation fencing has not been prescribed for Trees C, E, G – I, K, or L as it is presumed that disturbance associated with the proposed development will not occur beyond the limits of the subject site or beyond the land exchange limits.

*It should be noted that Trees 426 – 428, 474, and 480 are noted as being in poor overall condition. As such, individuals should exercise caution while working within close proximity to these trees.*

### 6.3 Canopy Loss

The following tables represent the canopy loss related to the proposed development, inclusive of portions of canopies that extend beyond property boundaries. The subtotal does not consider overlapping canopies (either overlapping with trees to be preserved or other trees to be removed), but the final totals consider overlapping canopies and subtract them from the subtotal.

## Private Trees

| Species                                       | Tree Numbers                                                                                                                                              | Canopy Loss (m <sup>2</sup> ) |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Apple species                                 | 413, portion of P366, portion of P408                                                                                                                     | 993.4                         |
| Basswood                                      | 364                                                                                                                                                       | 50.3                          |
| Black Walnut                                  | 390, 404, F, portion of P387, portion of P408                                                                                                             | 925.1                         |
| Cherry species                                | 369, 370, 371, portion of P408                                                                                                                            | 381.1                         |
| Eastern White Cedar                           | 358, 359, 365, portion of P387                                                                                                                            | 78.5                          |
| Green Ash                                     | Portion of P408                                                                                                                                           | 237.0                         |
| Ironwood                                      | Portion of P387                                                                                                                                           | 13.0                          |
| Manitoba Maple                                | 356, 357, 358, 372(NT), 380, 382, 383, 386, 388, 395(NT), 396, 397, 398, 399, 400, 402, 403, 410, A, O, portion of P387, portion of P408, portion of P409 | 693.0                         |
| Norway Maple                                  | 376, 377, 389, 391, 393, 394, 401, 405, 406, 407, portion of P387, portion of P408, portion of P409                                                       | 342.6                         |
| Pear species                                  | 412, 416, 417, 419, 420, portion of P366, portion of P408                                                                                                 | 1019.9                        |
| Poplar species                                | 392, B, D                                                                                                                                                 | 117.2                         |
| Silver Maple                                  | 361, 362, 363, 374, N, portion of P409                                                                                                                    | 710.2                         |
| White Elm                                     | 353, 354, 355, 357, M, portion of P408, portion of P409                                                                                                   | 943.0                         |
| White Spruce                                  | 375                                                                                                                                                       | 19.7                          |
| Willow species                                | 373, 378, 379, 381, 411(NT), 414(NT), 415(NT), J                                                                                                          | 709.4                         |
| <b>Subtotal</b>                               |                                                                                                                                                           | <b>7233.6</b>                 |
| <b>Subtracting Area of Overlapping Crowns</b> |                                                                                                                                                           | <b>- 426.5</b>                |
| <b>Total Crown Area Loss</b>                  |                                                                                                                                                           | <b>6807.1</b>                 |

## City Trees

| Species                                       | Tree Numbers       | Canopy Loss (m <sup>2</sup> ) |
|-----------------------------------------------|--------------------|-------------------------------|
| Manitoba Maple                                | 352, 360, 384, 385 | 99.1                          |
| <b>Subtotal</b>                               |                    | <b>99.1</b>                   |
| <b>Subtracting Area of Overlapping Crowns</b> |                    | <b>- 45.3</b>                 |
| <b>Total Crown Area Loss</b>                  |                    | <b>53.8</b>                   |

## 7.0 Summary and Recommendations

Kuntz Forestry Consulting Inc. was retained by Argo Oakville Woods Corporation to complete a Tree Inventory and Preservation Plan and Report as part of a development application for the subject site located at 210 Burnhamthorpe Road East, in the Town of Oakville, Ontario. A tree inventory was conducted and reviewed in the context of the proposed development plans.

The findings of the study indicate a total of 140 trees and four polygons on and within six metres of the subject site outside of the NHS feature, along the edge of the woodlot within the NHS feature (i.e. within six metres of the dripline of the woodlot), and within the road right-of-way. The removal of 72 trees and four polygons will be required to accommodate the proposed development. All remaining trees can be saved provided appropriate tree protection measures are installed prior to the commencement of the proposed works.

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

- 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.
- 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.
- Special mitigation measures have been prescribed for select trees, as outlined in the *Tree Preservation* section of this report.
- 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,

**Kuntz Forestry Consulting Inc.**



Kaylee Harper, B.Sc.Env. Ecology  
Ecologist, ISA Certified Arborist #ON-2749A  
Tree Risk Assessment Qualified  
Email: [kaylee.harper@kuntzforestry.ca](mailto:kaylee.harper@kuntzforestry.ca)  
Office: 289-837-1871 ext. 105  
Cell: 519-572-5949

### 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 locations in the report may not be exact. Where KFCI's in-house GPS unit is used (if applicable), tree locations are accurate only to the extent that the technology allows, which can be variable based on satellite available, RTK network / cell coverage, canopy coverage, and/or projection transformation limitations. 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 development plans that have been provided at the time of reporting. These recommendations may no longer be applicable should changes be made to the development 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**

Location: 210 Burnhamthorpe Road East, Oakville

Date: 14 and 20 April 2023

Surveyors: KNH

| Tree #  | Common Name         | Botanical Name            | DBH          | Multitem DBH | TI | CS | CV | CDB | DL  | mTPZ | A. mTPZ | Oakville Tree # | Comments                                                                                                                                                    | Ownership                                    | Action |
|---------|---------------------|---------------------------|--------------|--------------|----|----|----|-----|-----|------|---------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------|
| 352     | Manitoba Maple      | <i>Acer negundo</i>       | 12           | -            | F  | F  | F  | 20  | 2.5 | 2.4  | -       | -               | Stem wounds (M), lean (L), asymmetrical crown (L), deadwood (L)                                                                                             | Private / Town (Subject Site / Right-of-Way) | Remove |
| 353     | White Elm           | <i>Ulmus americana</i>    | 19, 18, 14.5 | 30           | F  | F  | PF | 20  | 4.5 | 2.4  | -       | -               | Union at base, bow (L-M), epicormic branching (L), asymmetrical crown (M), deadwood (L)                                                                     | Private (Subject Site)                       | Remove |
| 354     | White Elm           | <i>Ulmus americana</i>    | 25.5, 17     | 30.5         | F  | F  | PF | 20  | 4.5 | 2.4  | -       | -               | Bark peeling (M), union at base, epicormic branching (M), deadwood (L)                                                                                      | Private (Subject Site)                       | Remove |
| 355     | White Elm           | <i>Ulmus americana</i>    | 21           | -            | G  | F  | F  | 20  | 4.0 | 2.4  | -       | -               | Epicormic branching (L), deadwood (L)                                                                                                                       | Private (Subject Site)                       | Remove |
| 356     | Manitoba Maple      | <i>Acer negundo</i>       | 13.5         | -            | F  | FG | FG | -   | 2.0 | 2.4  | -       | -               | Crook (L), lean (L), deadwood (L), epicormic branching (L)                                                                                                  | Private (Subject Site)                       | Remove |
| 357     | White Elm           | <i>Ulmus americana</i>    | 17, 16       | 23.5         | F  | PF | P  | 80  | 2.5 | 2.4  | -       | -               | V-union at base, deadwood (H)                                                                                                                               | Private (Subject Site)                       | Remove |
| 358     | Eastern White Cedar | <i>Thuja occidentalis</i> | 12           | -            | FG | G  | G  | -   | 1.5 | 2.4  | -       | -               | Lean (L), bow (L)                                                                                                                                           | Private (Subject Site)                       | Remove |
| 359     | Eastern White Cedar | <i>Thuja occidentalis</i> | 13.5, 10     | 17           | F  | FG | G  | -   | 1.5 | 2.4  | -       | -               | Sweep (M), v-union at 1.2m with included bark                                                                                                               | Private (Subject Site)                       | Remove |
| 360     | Manitoba Maple      | <i>Acer negundo</i>       | 39           | -            | P  | PF | PF | 30  | 3.0 | 3.0  | -       | -               | Decay (H) in trunk, cavities (H), lean (L), deadwood (M), epicormic branching (M)                                                                           | Town (Right-of-Way)                          | Remove |
| 361     | Silver Maple        | <i>Acer saccharinum</i>   | 48, 40       | 62.5         | PF | FG | F  | -   | 6.0 | 4.2  | -       | -               | Union at 1m with one lost leader and decay (M), stem wounds (L) in crown, broken branches (L)                                                               | Private (Subject Site)                       | Remove |
| 362     | Silver Maple        | <i>Acer saccharinum</i>   | 32, 31       | 44.5         | F  | FG | FG | -   | 6.5 | 3.0  | -       | -               | V-union at 1m with included bark, bow (L)                                                                                                                   | Private (Subject Site)                       | Remove |
| 363     | Silver Maple        | <i>Acer saccharinum</i>   | 57           | -            | FG | FG | FG | -   | 6.0 | 3.6  | -       | -               | Lean (L), broken branches (L)                                                                                                                               | Private (Subject Site)                       | Remove |
| 364     | Basswood            | <i>Tilia americana</i>    | 26, 25.5     | 36.5         | F  | PF | F  | -   | 4.0 | 3.0  | -       | -               | V-union at base with included bark, lean (L), asymmetrical crown (M), suppressed by Tree 363                                                                | Private (Subject Site)                       | Remove |
| 365     | Eastern White Cedar | <i>Thuja occidentalis</i> | 27           | -            | F  | F  | F  | 20  | 2.0 | 2.4  | -       | -               | Deadwood (L), lean (L), stem wounds (M), v-union at 1.5m                                                                                                    | Private (Subject Site)                       | Remove |
| P366    | See Table 2         |                           |              |              |    |    |    |     |     |      |         |                 |                                                                                                                                                             | Private (Subject Site)                       | Remove |
| 367     | Manitoba Maple      | <i>Acer negundo</i>       | 24.5         | -            | FG | FG | FG | -   | 2.5 | 2.4  | -       | -               | Lean (L), epicormic branching (L)                                                                                                                           | Private (Subject Site)                       | Remove |
| 368     | Manitoba Maple      | <i>Acer negundo</i>       | 38.5, 19     | 43           | F  | PF | PF | 30  | 3.0 | 3.0  | -       | -               | Deadwood (M), lean (L), v-union at 1m with included bar, epicormic branching (L)                                                                            | Private (Subject Site)                       | Remove |
| 369     | Cherry species      | <i>Prunus sp.</i>         | 12.5         | -            | P  | P  | P  | 60  | 1.0 | 2.4  | -       | -               | Decay (H) in trunk, deadwood (M)                                                                                                                            | Private (Subject Site)                       | Remove |
| 370     | Cherry species      | <i>Prunus sp.</i>         | 26           | -            | P  | F  | PF | 20  | 2.5 | 2.4  | -       | -               | V-union at 1.4m with included bark, decay (H) in trunk, deadwood (L)                                                                                        | Private (Subject Site)                       | Remove |
| 371     | Cherry species      | <i>Prunus sp.</i>         | 24           | -            | PF | P  | P  | 80  | 2.5 | 2.4  | -       | -               | Decay (H) in trunk, Black Knot fungus (H), lean (L), deadwood (H)                                                                                           | Private (Subject Site)                       | Remove |
| 372(NT) | Manitoba Maple      | <i>Acer negundo</i>       | ~50          | -            | PF | F  | F  | -   | 3.5 | 3.0  | -       | -               | Sweep (H), v-union at 1.5m, pruning wounds (L), lean (M), epicormic branching (L), growing out of barn foundation, poor branch unions, vine competition (M) | Private (Subject Site)                       | Remove |
| 373     | Willow species      | <i>Salix sp.</i>          | ~130         | -            | P  | P  | PF | -   | 6.0 | 9.0  | -       | -               | Broken branches (H), epicormic branching (M), cavities (H), bow (H), fused branches in crown                                                                | Private (Subject Site)                       | Remove |
| 374     | Silver Maple        | <i>Acer saccharinum</i>   | 47           | -            | PF | FG | F  | -   | 4.0 | 3.0  | -       | -               | Decay column (H), lean (H), epicormic branching (L), cavities (L) in crown                                                                                  | Private (Subject Site)                       | Remove |
| 375     | White Spruce        | <i>Picea glauca</i>       | 21           | -            | G  | FG | F  | 10  | 2.5 | 2.4  | -       | -               | Deadwood (L)                                                                                                                                                | Private (Subject Site)                       | Remove |

|         |                |                         |                       |       |    |    |    |    |     |     |   |   |                                                                                                   |                                    |        |
|---------|----------------|-------------------------|-----------------------|-------|----|----|----|----|-----|-----|---|---|---------------------------------------------------------------------------------------------------|------------------------------------|--------|
| 376     | Norway Maple   | <i>Acer platanoides</i> | 19                    | -     | FG | G  | G  | -  | 2.5 | 2.4 | - | - | Lean (L)                                                                                          | Private (Subject Site)             | Remove |
| 377     | Norway Maple   | <i>Acer platanoides</i> | 14                    | -     | G  | FG | G  | -  | 2.0 | 2.4 | - | - | Asymmetrical crown (L)                                                                            | Private (Subject Site)             | Remove |
| 378     | Willow species | <i>Salix sp.</i>        | ~57, 32, 30           | ~72   | F  | PF | PF | 30 | 5.5 | 4.8 | - | - | Bow (L), broken branches (M), deadwood (M), unions at 0.5m and 1m                                 | Private (Subject Site)             | Remove |
| 379     | Willow species | <i>Salix sp.</i>        | 18                    | -     | PF | G  | F  | -  | 2.0 | 2.4 | - | - | Lean (M), sweep (M)                                                                               | Private (Subject Site)             | Remove |
| 380     | Manitoba Maple | <i>Acer negundo</i>     | 15                    | -     | F  | F  | F  | -  | 2.0 | 2.4 | - | - | Lean (M), epicormic branching (M), asymmetrical crown (L)                                         | Private (Subject Site)             | Remove |
| 381     | Willow species | <i>Salix sp.</i>        | 60.5                  | -     | F  | F  | F  | 10 | 7.0 | 3.6 | - | - | Lean (M), bow (L), deadwood (L)                                                                   | Private (Subject Site)             | Remove |
| 382     | Manitoba Maple | <i>Acer negundo</i>     | ~22, 22, 18           | ~36   | PF | P  | P  | 70 | 3.0 | 3.0 | - | - | V-union at 0.2m and 0.5m with included bark, epicormic branching (L), deadwood (H), cavities (L)  | Private (Subject Site)             | Remove |
| 383     | Manitoba Maple | <i>Acer negundo</i>     | 27, 24                | 36    | F  | PF | PF | 20 | 3.0 | 3.0 | - | - | V-union at 0.5m with included bark, deadwood (L), bow (L), epicormic branching (M)                | Private (Subject Site)             | Remove |
| 384     | Manitoba Maple | <i>Acer negundo</i>     | ~38, 14, 10, 10, 8, 6 | ~44   | PF | PF | PF | 20 | 3.5 | 3.0 | - | - | V-union at base, lean (M), epicormic branching (M), deadwood (L), vine competition (L)            | Town (Right-of-Way)                | Remove |
| 385     | Manitoba Maple | <i>Acer negundo</i>     | 11                    | -     | F  | F  | FG | -  | 2.0 | 2.4 | - | - | Sweep (L), crook (L), asymmetrical crown (M), bow (L)                                             | Town (Right-of-Way)                | Remove |
| 386     | Manitoba Maple | <i>Acer negundo</i>     | 18.5                  | -     | PF | F  | PF | 30 | 3.5 | 2.4 | - | - | Lean (M), deadwood (M), sweep (M)                                                                 | Private (Subject Site)             | Remove |
| P387    | See Table 2    |                         |                       |       |    |    |    |    |     |     |   |   |                                                                                                   | Private (Subject Site / Neighbour) | Remove |
| 388     | Manitoba Maple | <i>Acer negundo</i>     | 23.5                  | -     | FG | FG | FG | -  | 3.0 | 2.4 | - | - | Lean (L), crook (L), asymmetrical crown (L)                                                       | Private (Subject Site)             | Remove |
| 389     | Norway Maple   | <i>Acer platanoides</i> | 28                    | -     | FG | FG | F  | 20 | 3.0 | 2.4 | - | - | Bow (L), deadwood (L)                                                                             | Private (Subject Site)             | Remove |
| 390     | Black Walnut   | <i>Juglans nigra</i>    | 14                    | -     | G  | G  | G  | -  | 2.0 | 2.4 | - | - |                                                                                                   | Private (Subject Site)             | Remove |
| 391     | Norway Maple   | <i>Acer platanoides</i> | ~40                   | -     | P  | G  | PF | -  | 3.0 | 3.0 | - | - | Stem wounds (H) with decay (H), lean (M)                                                          | Private (Subject Site)             | Remove |
| 392     | Poplar species | <i>Populus sp.</i>      | ~28, 20               | ~34.5 | PF | FG | F  | -  | 3.0 | 3.0 | - | - | V-union at 1m with included bark, lean (L), crook (L)                                             | Private (Subject Site)             | Remove |
| 393     | Norway Maple   | <i>Acer platanoides</i> | 13.5, 13              | 18.5  | F  | F  | PF | 20 | 2.5 | 2.4 | - | - | Lean (L), bow (L), deadwood (L)                                                                   | Private (Subject Site)             | Remove |
| 394     | Norway Maple   | <i>Acer platanoides</i> | 20                    | -     | G  | FG | F  | 20 | 2.0 | 2.4 | - | - | Deadwood (L)                                                                                      | Private (Subject Site)             | Remove |
| 395(NT) | Manitoba Maple | <i>Acer negundo</i>     | ~20                   | -     | PF | F  | F  | -  | 2.0 | 2.4 | - | - | Sweep (M), included (M) boat, multiple branch attachments                                         | Private (Subject Site)             | Remove |
| 396     | Manitoba Maple | <i>Acer negundo</i>     | 13, 12.5              | 18    | F  | F  | F  | 20 | 2.0 | 2.4 | - | - | V-union at 0.5m with included bark, bow (M), deadwood (L)                                         | Private (Subject Site)             | Remove |
| 397     | Manitoba Maple | <i>Acer negundo</i>     | 16                    | -     | FG | G  | FG | -  | 2.0 | 2.4 | - | - | Crook (L)                                                                                         | Private (Subject Site)             | Remove |
| 398     | Manitoba Maple | <i>Acer negundo</i>     | ~20, 18, 12, 12, 8    | ~33   | FG | F  | F  | -  | 2.0 | 3.0 | - | - | Union at base, seam (L), epicormic branching (L)                                                  | Private (Subject Site)             | Remove |
| 399     | Manitoba Maple | <i>Acer negundo</i>     | 18.5                  | -     | F  | F  | F  | -  | 2.5 | 2.4 | - | - | Lean (L), included (M) rope, epicormic branching (M), multiple branch attachments                 | Private (Subject Site)             | Remove |
| 400     | Manitoba Maple | <i>Acer negundo</i>     | 42                    | -     | P  | PF | PF | -  | 5.0 | 3.0 | - | - | V-union at 2.5m with included bark, broken branches (H), bow (H), epicormic branching (M)         | Private (Subject Site)             | Remove |
| 401     | Norway Maple   | <i>Acer platanoides</i> | 11, 10.5              | 15    | F  | FG | G  | -  | 2.5 | 2.4 | - | - | V-union at base with included bark, lean (L)                                                      | Private (Subject Site)             | Remove |
| 402     | Manitoba Maple | <i>Acer negundo</i>     | 31                    | -     | P  | F  | PF | 20 | 2.5 | 3.0 | - | - | Sweep (H), decay (H) in trunk, multiple branch attachments, epicormic branching (M), deadwood (L) | Private (Subject Site)             | Remove |
| 403     | Manitoba Maple | <i>Acer negundo</i>     | ~11, 10, 8, 6, 6, 6   | ~20   | F  | F  | F  | -  | 2.0 | 2.4 | - | - | V-union at base with included bark, union at 0.75m and 1m, epicormic branching (L)                | Private (Subject Site)             | Remove |
| 404     | Black Walnut   | <i>Juglans nigra</i>    | 10                    | -     | G  | G  | G  | -  | 2.0 | 2.4 | - | - | Pruning wounds (L)                                                                                | Private (Subject Site)             | Remove |

|         |                  |                         |             |       |    |    |    |    |     |     |     |   |                                                                                                                       |                                    |                   |
|---------|------------------|-------------------------|-------------|-------|----|----|----|----|-----|-----|-----|---|-----------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------|
| 405     | Norway Maple     | <i>Acer platanoides</i> | 21          | -     | G  | G  | FG | -  | 2.0 | 2.4 | -   | - |                                                                                                                       | Private (Subject Site)             | Remove            |
| 406     | Norway Maple     | <i>Acer platanoides</i> | 36          | -     | P  | F  | PF | 20 | 2.5 | 3.0 | -   | - | Decay (H) in trunk, v-union at 2m, deadwood (L), cavities (L)                                                         | Private (Subject Site)             | Remove            |
| 407     | Norway Maple     | <i>Acer platanoides</i> | 18, 12      | 21.5  | PF | PF | PF | 20 | 2.5 | 2.4 | -   | - | V-union at 1m with one lost leader and decay (H) at union, deadwood (L), poor form (L)                                | Private (Subject Site)             | Remove            |
| P408    | See Table 2      |                         |             |       |    |    |    |    |     |     |     |   |                                                                                                                       | Private (Subject Site)             | Remove            |
| P409    | See Table 2      |                         |             |       |    |    |    |    |     |     |     |   |                                                                                                                       | Private (Subject Site / Neighbour) | Remove            |
| 410     | Manitoba Maple   | <i>Acer negundo</i>     | ~6 - 14     | -     | F  | F  | FG | -  | 2.0 | 2.4 | -   | - | V-union at base, lean (L), epicormic branching (L), average DBH = 10cm                                                | Private (Subject Site)             | Remove            |
| 411(NT) | Willow species   | <i>Salix sp.</i>        | ~30, 28, 15 | ~43.5 | F  | PF | PF | 10 | 4.0 | 3.0 | -   | - | Epicormic branching (H), stem wounds (M) in crown, lean (L), deadwood (L)                                             | Private (Subject Site)             | Remove            |
| 412     | Pear species     | <i>Pyrus sp.</i>        | ~16, 16     | ~22.5 | F  | F  | F  | -  | 2.0 | 2.4 | -   | - | V-union at 1m with included bark, epicormic branching (M)                                                             | Private (Subject Site)             | Remove            |
| 413     | Apple species    | <i>Malus sp.</i>        | ~34, 28, 26 | ~51   | PF | PF | PF | 30 | 3.0 | 3.6 | -   | - | V-union at 0.2m and 1m with leaders fused to 2m, cavities (H), deadwood (M)                                           | Private (Subject Site)             | Remove            |
| 414(NT) | Willow species   | <i>Salix sp.</i>        | ~40, 26     | ~47.5 | PF | P  | PF | 20 | 5.0 | 3.0 | -   | - | Union at base, smaller leader lean (H), broken branches (H), epicormic branching (H), deadwood (L)                    | Private (Subject Site)             | Remove            |
| 415(NT) | Willow species   | <i>Salix sp.</i>        | ~20, 20, 14 | ~31.5 | PF | PF | PF | -  | 3.0 | 3.0 | -   | - | Union at base, lean (M-H), epicormic branching (H), asymmetrical crown (L)                                            | Private (Subject Site)             | Remove            |
| 416     | Pear species     | <i>Pyrus sp.</i>        | 31          | -     | FG | F  | F  | 20 | 2.0 | 3.0 | -   | - | Deadwood (L), epicormic branching (M), broken branches (M)                                                            | Private (Subject Site)             | Remove            |
| 417     | Pear species     | <i>Pyrus sp.</i>        | 22, 22, 12  | 33.5  | PF | F  | F  | 20 | 3.0 | 3.0 | -   | - | Epicormic branching (M), union at base, lean (L-M), decay (L) in trunk, cavities (L), deadwood (L)                    | Private (Neighbour)                | Remove            |
| 418     | Pear species     | <i>Pyrus sp.</i>        | ~16, 9      | ~18.5 | PF | F  | F  | 20 | 1.0 | 2.4 | 1.9 | - | V-union at 1.4m with included bark and decay (M) at union, deadwood (L), broken branches (L), epicormic branching (M) | Private (Neighbour)                | Preserve (Injure) |
| 419     | Pear species     | <i>Pyrus sp.</i>        | ~14         | -     | G  | F  | F  | 10 | 1.0 | 2.4 | -   | - | Deadwood (L), epicormic branching (M)                                                                                 | Private (Subject Site)             | Remove            |
| 420     | Pear species     | <i>Pyrus sp.</i>        | ~15, 10     | ~18   | PF | PF | PF | 20 | 1.0 | 2.4 | -   | - | V-union at base with one leader dead, epicormic branching (M), deadwood (L)                                           | Private (Subject Site / Neighbour) | Remove            |
| 421     | White Elm        | <i>Ulmus americana</i>  | ~16         | -     | PF | PF | FG | -  | 2.5 | 2.4 | 1.5 | - | Lean (M), crook (M), spiralling leaders with Tree 420, asymmetrical crown (M), bow (M)                                | Private (Neighbour)                | Preserve (Injure) |
| 422     | Pear species     | <i>Pyrus sp.</i>        | ~13         | -     | FG | PF | PF | -  | 1.0 | 2.4 | 2.4 | - | Lean (L), epicormic branching (H)                                                                                     | Private (Subject Site / Neighbour) | Preserve          |
| 423     | Pear species     | <i>Pyrus sp.</i>        | 13.5        | -     | FG | FG | F  | 10 | 1.0 | 2.4 | 2.4 | - | Lean (L), bow (L), broken branches (L), epicormic branching (L)                                                       | Private (Neighbour)                | Preserve          |
| 424     | Pear species     | <i>Pyrus sp.</i>        | ~15         | -     | P  | F  | F  | -  | 1.5 | 2.4 | 2.4 | - | Decay (H) in trunk, lean (M), bow (L), epicormic branching (M)                                                        | Private (Neighbour)                | Preserve          |
| 425     | Pear species     | <i>Pyrus sp.</i>        | 24          | -     | P  | F  | PF | 20 | 2.0 | 2.4 | 2.4 | - | Lean (M), decay (H) in trunk, epicormic branching (M), deadwood (L), broken branches (L)                              | Private (Neighbour)                | Preserve          |
| 426     | Pear species     | <i>Pyrus sp.</i>        | ~18         | -     | P  | PF | P  | 40 | 1.2 | 2.4 | 2.4 | - | Lean (H), vertical crack (H) epicormic branching (M), bow (M), deadwood (M)                                           | Private (Neighbour)                | Preserve          |
| 427     | White Elm        | <i>Ulmus americana</i>  | 12.5        | -     | G  | G  | G  | -  | 1.0 | 2.4 | 2.4 | - |                                                                                                                       | Private (Neighbour)                | Preserve          |
| 428     | Red Oak          | <i>Quercus rubra</i>    | 12          | -     | G  | F  | F  | 30 | 1.0 | 2.4 | 2.4 | - | Deadwood (M)                                                                                                          | Private (Neighbour)                | Preserve          |
| 429     | Shagbark Hickory | <i>Carya ovata</i>      | 13          | -     | G  | G  | G  | -  | 3.0 | 2.4 | 2.4 | - |                                                                                                                       | Private (Neighbour)                | Preserve          |
| 430     | White Elm        | <i>Ulmus americana</i>  | 20          | -     | F  | PF | FG | -  | 3.5 | 2.4 | 2.4 | - | Poor form (M), crook (M), asymmetrical crown (M)                                                                      | Private (Neighbour)                | Preserve          |
| 431     | White Elm        | <i>Ulmus americana</i>  | 12          | -     | G  | FG | F  | 20 | 1.5 | 2.4 | 2.4 | - | Deadwood (L)                                                                                                          | Private (Neighbour)                | Preserve          |

|     |                  |                           |             |       |    |    |    |    |     |     |     |   |                                                                                                    |                        |          |
|-----|------------------|---------------------------|-------------|-------|----|----|----|----|-----|-----|-----|---|----------------------------------------------------------------------------------------------------|------------------------|----------|
| 432 | Shagbark Hickory | <i>Carya ovata</i>        | ~48         | -     | F  | G  | FG | -  | 5.0 | 3.0 | 3.0 | - | V-union at 3m with included bark, included (M) fence                                               | Private (Neighbour)    | Preserve |
| 433 | Shagbark Hickory | <i>Carya ovata</i>        | 34          | -     | G  | FG | FG | -  | 3.0 | 3.0 | 3.0 | - | Broken branches (L)                                                                                | Private (Subject Site) | Preserve |
| 434 | Red Oak          | <i>Quercus rubra</i>      | 10          | -     | G  | G  | G  | -  | 1.5 | 2.4 | 2.4 | - |                                                                                                    | Private (Subject Site) | Preserve |
| 435 | Silver Maple     | <i>Acer saccharinum</i>   | ~62, 60, 28 | ~90.5 | PF | PF | PF | 20 | 7.0 | 5.4 | 5.4 | - | V-union at 1m with included bark, decay (H) in trunk, crook (M), broken branches (M), deadwood (L) | Private (Subject Site) | Preserve |
| 436 | Shagbark Hickory | <i>Carya ovata</i>        | 20          | -     | G  | FG | FG | -  | 2.5 | 2.4 | 2.4 | - | Broken branches (L)                                                                                | Private (Subject Site) | Preserve |
| 437 | Bur Oak          | <i>Quercus macrocarpa</i> | 51.5        | -     | PF | PF | F  | 20 | 7.0 | 3.6 | 3.6 | - | Asymmetrical crown (M), poor form (M), crook (M), deadwood (L)                                     | Private (Subject Site) | Preserve |
| 438 | Shagbark Hickory | <i>Carya ovata</i>        | 11.5        | -     | G  | G  | G  | -  | 2.0 | 2.4 | 2.4 | - | Vine competition (M)                                                                               | Private (Subject Site) | Preserve |
| 439 | Shagbark Hickory | <i>Carya ovata</i>        | ~32, 23     | ~39.5 | FG | FG | FG | 10 | 3.0 | 3.0 | 3.0 | - | V-union at 1m with included bark, deadwood (L)                                                     | Private (Subject Site) | Preserve |
| 440 | Pear species     | <i>Pyrus sp.</i>          | 31, 25      | 40    | F  | F  | F  | 20 | 6.0 | 3.0 | 3.0 | - | V-union at 1m, bow (M), epicormic branching (M), deadwood (L)                                      | Private (Subject Site) | Preserve |
| 441 | Sugar Maple      | <i>Acer saccharum</i>     | 20.5        | -     | FG | FG | F  | 20 | 3.0 | 2.4 | 2.4 | - | Lean (L), deadwood (L)                                                                             | Private (Subject Site) | Preserve |
| 442 | Sugar Maple      | <i>Acer saccharum</i>     | 23          | -     | FG | FG | FG | -  | 4.0 | 2.4 | 2.4 | - | Lean (L), asymmetrical crown (L)                                                                   | Private (Subject Site) | Preserve |
| 443 | Bur Oak          | <i>Quercus macrocarpa</i> | 55          | -     | G  | PF | PF | 40 | 6.0 | 3.6 | 3.6 | - | Epicormic branching (H), deadwood (M), broken branches (M)                                         | Private (Neighbour)    | Preserve |
| 444 | Ironwood         | <i>Ostrya virginiana</i>  | 14          | -     | FG | FG | FG | -  | 2.5 | 2.4 | 2.4 | - | Lean (L), asymmetrical crown (L)                                                                   | Private (Subject Site) | Preserve |
| 445 | Ironwood         | <i>Ostrya virginiana</i>  | 14          | -     | F  | FG | FG | -  | 3.0 | 2.4 | 2.4 | - | Bow (M), asymmetrical crown (L)                                                                    | Private (Subject Site) | Preserve |
| 446 | Basswood         | <i>Tilia americana</i>    | 48          | -     | P  | F  | F  | -  | 3.0 | 3.0 | 3.0 | - | Fused at base to Tree 447, broken branches (M), decay (M) in trunk, cavities (M)                   | Private (Subject Site) | Preserve |
| 447 | Sugar Maple      | <i>Acer saccharum</i>     | 32          | -     | FG | FG | F  | 20 | 5.0 | 3.0 | 3.0 | - | Fused at base to Tree 446, deadwood (L)                                                            | Private (Subject Site) | Preserve |
| 448 | Sugar Maple      | <i>Acer saccharum</i>     | 36.5        | -     | G  | FG | F  | 20 | 4.0 | 3.0 | 3.0 | - | Deadwood (L)                                                                                       | Private (Subject Site) | Preserve |
| 449 | Bur Oak          | <i>Quercus macrocarpa</i> | 21          | -     | PF | PF | PF | -  | 3.0 | 2.4 | 2.4 | - | Bow (H), epicormic branching (M)                                                                   | Private (Subject Site) | Preserve |
| 450 | Bur Oak          | <i>Quercus macrocarpa</i> | 84.5        | -     | PF | PF | PF | 40 | 6.0 | 5.4 | 5.4 | - | V-union at 2m and 3m with included bark, deadwood (M), epicormic branching (M)                     | Private (Subject Site) | Preserve |
| 451 | Bur Oak          | <i>Quercus macrocarpa</i> | 26          | -     | FG | PF | PF | -  | 4.0 | 2.4 | 2.4 | - | Bow (L), epicormic branching (M), asymmetrical crown (M)                                           | Private (Subject Site) | Preserve |
| 452 | Sugar Maple      | <i>Acer saccharum</i>     | 17          | -     | F  | G  | FG | -  | 2.5 | 2.4 | 2.4 | - | Lean (M)                                                                                           | Private (Subject Site) | Preserve |
| 453 | Bur Oak          | <i>Quercus macrocarpa</i> | ~80         | -     | FG | F  | F  | 30 | 7.0 | 4.8 | 4.8 | - | Deadwood (M), broken branches (M)                                                                  | Private (Subject Site) | Preserve |
| 454 | Sugar Maple      | <i>Acer saccharum</i>     | 22          | -     | G  | G  | G  | -  | 3.0 | 2.4 | 2.4 | - |                                                                                                    | Private (Subject Site) | Preserve |
| 455 | Ironwood         | <i>Ostrya virginiana</i>  | 17.5        | -     | FG | G  | FG | -  | 2.0 | 2.4 | 2.4 | - | Cavities (L)                                                                                       | Private (Subject Site) | Preserve |
| 456 | Ironwood         | <i>Ostrya virginiana</i>  | 14          | -     | FG | G  | FG | -  | 2.5 | 2.4 | 2.4 | - | Burls (L)                                                                                          | Private (Subject Site) | Preserve |
| 457 | Sugar Maple      | <i>Acer saccharum</i>     | 42          | -     | G  | G  | FG | -  | 4.0 | 3.0 | 3.0 | - |                                                                                                    | Private (Subject Site) | Preserve |
| 458 | Bur Oak          | <i>Quercus macrocarpa</i> | 31.5        | -     | PF | PF | F  | -  | 3.0 | 3.0 | 3.0 | - | Bow (H), asymmetrical crown (H), epicormic branching (M)                                           | Private (Subject Site) | Preserve |
| 459 | Sugar Maple      | <i>Acer saccharum</i>     | 52          | -     | F  | FG | F  | -  | 5.5 | 3.6 | 3.6 | - | V-union at 2m with included bark, burls (L)                                                        | Private (Subject Site) | Preserve |
| 460 | Bur Oak          | <i>Quercus macrocarpa</i> | 41.5        | -     | PF | PF | F  | 20 | 5.0 | 3.0 | 3.0 | - | Bow (H), deadwood (L), asymmetrical crown (H)                                                      | Private (Subject Site) | Preserve |
| 461 | Sugar Maple      | <i>Acer saccharum</i>     | 31.5        | -     | G  | G  | G  | -  | 4.0 | 3.0 | 3.0 | - |                                                                                                    | Private (Subject Site) | Preserve |

|         |                |                               |         |       |    |    |    |    |     |     |     |   |                                                                                                                          |                                    |                   |
|---------|----------------|-------------------------------|---------|-------|----|----|----|----|-----|-----|-----|---|--------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------|
| 462     | Sugar Maple    | <i>Acer saccharum</i>         | 23.5    | -     | G  | G  | G  | -  | 3.5 | 2.4 | 2.4 | - |                                                                                                                          | Private (Subject Site)             | Preserve          |
| 463     | White Pine     | <i>Pinus strobus</i>          | ~46, 30 | ~55   | PF | PF | PF | 40 | 2.5 | 3.6 | 3.6 | - | V-union at 1.4m with included bark, epicormic branching (H), decay (M) in trunk, deadwood (M)                            | Private (Subject Site)             | Preserve          |
| 464     | Sugar Maple    | <i>Acer saccharum</i>         | 47      | -     | G  | G  | G  | -  | 5.0 | 3.0 | 3.0 | - |                                                                                                                          | Private (Subject Site)             | Preserve          |
| 465(NT) | Bur Oak        | <i>Quercus macrocarpa</i>     | ~60     | -     | G  | F  | F  | 20 | 5.0 | 3.6 | 3.6 | - | Epicormic branching (M), deadwood (L)                                                                                    | Private (Neighbour)                | Preserve          |
| 466     | Bur Oak        | <i>Quercus macrocarpa</i>     | ~50     | -     | G  | F  | PF | 30 | 6.0 | 3.0 | 3.0 | - | Deadwood (M), epicormic branching (M)                                                                                    | Private (Subject Site)             | Preserve          |
| 467     | Poplar species | <i>Populus sp.</i>            | 11.5    | -     | FG | G  | G  | -  | 1.0 | 2.4 | 2.4 | - | Crook (L), lean (L)                                                                                                      | Private (Subject Site)             | Preserve          |
| 468     | Poplar species | <i>Populus sp.</i>            | 17      | -     | G  | G  | G  | -  | 2.5 | 2.4 | 2.4 | - |                                                                                                                          | Private (Subject Site)             | Preserve          |
| 469     | Poplar species | <i>Populus sp.</i>            | 12      | -     | F  | G  | FG | -  | 2.5 | 2.4 | 2.4 | - | Crook (L), seam (L)                                                                                                      | Private (Subject Site)             | Preserve          |
| 470     | Poplar species | <i>Populus sp.</i>            | 12      | -     | F  | G  | G  | -  | 2.0 | 2.4 | 2.4 | - | Crook (M)                                                                                                                | Private (Subject Site)             | Preserve          |
| 471     | Poplar species | <i>Populus sp.</i>            | 13      | -     | F  | G  | FG | -  | 2.0 | 2.4 | 2.4 | - | Crook (L)                                                                                                                | Private (Subject Site)             | Preserve          |
| 472     | Poplar species | <i>Populus sp.</i>            | 12      | -     | FG | G  | FG | -  | 2.0 | 2.4 | 2.4 | - | Seam (L)                                                                                                                 | Private (Subject Site)             | Preserve          |
| 473(NT) | Bur Oak        | <i>Quercus macrocarpa</i>     | ~16     | -     | G  | G  | FG | -  | 2.0 | 2.4 | 2.4 | - |                                                                                                                          | Private (Neighbour)                | Preserve          |
| 474     | Green Ash      | <i>Fraxinus pennsylvanica</i> | 53      | -     | P  | F  | PF | -  | 5.0 | 3.6 | 3.6 | - | Decay (H) in trunk, broken branches (M), epicormic branching (M), Emerald Ash Borer (M)                                  | Private (Subject Site)             | Preserve          |
| 475     | Pear species   | <i>Pyrus sp.</i>              | ~18, 16 | ~24   | FG | FG | F  | -  | 2.5 | 2.4 | 2.4 | - | Union at base, lean (L), epicormic branching (L)                                                                         | Private (Subject Site)             | Preserve          |
| 476     | Poplar species | <i>Populus sp.</i>            | 24, 16  | ~29   | F  | FG | FG | -  | 2.0 | 2.4 | 2.4 | - | V-union at base with included bark                                                                                       | Private (Subject Site)             | Preserve          |
| 477     | Poplar species | <i>Populus sp.</i>            | 21.5    | -     | FG | G  | FG | -  | 2.0 | 2.4 | 2.4 | - | Growth deficit (L)                                                                                                       | Private (Subject Site)             | Preserve          |
| 478     | Poplar species | <i>Populus sp.</i>            | 18      | -     | F  | G  | FG | -  | 2.0 | 2.4 | 2.4 | - | Cavities (L), seam (L)                                                                                                   | Private (Subject Site)             | Preserve          |
| 479     | Poplar species | <i>Populus sp.</i>            | 17.5    | -     | F  | G  | FG | -  | 1.0 | 2.4 | 2.4 | - | Seam (L), lean (L)                                                                                                       | Private (Subject Site)             | Preserve          |
| 480     | Poplar species | <i>Populus sp.</i>            | 44      | -     | P  | PF | P  | 30 | 2.0 | 3.0 | 3.0 | - | Deadwood (M), cavities (H), decay (H) in trunk, union at 2m with one lost leader                                         | Private (Subject Site)             | Preserve          |
| A       | Manitoba Maple | <i>Acer negundo</i>           | ~48, 44 | ~65   | PF | F  | F  | 30 | 4.0 | 4.2 | -   | - | V-union at 0.5m with included bark, lean (M), deadwood (M), epicormic branching (L), decay (M) and cavities (L) in crown | Private (Neighbour)                | Remove            |
| B       | Poplar species | <i>Populus sp.</i>            | ~38     | -     | G  | G  | FG | -  | 4.0 | 3.0 | -   | - |                                                                                                                          | Private (Subject Site / Neighbour) | Remove            |
| C       | Poplar species | <i>Populus sp.</i>            | ~68     | -     | G  | G  | PF | -  | 3.5 | 4.2 | 3.2 | - |                                                                                                                          | Private (Neighbour)                | Preserve (Injure) |
| D       | Poplar species | <i>Populus sp.</i>            | ~42     | -     | FG | G  | F  | -  | 3.5 | 3.0 | -   | - | Lean (L)                                                                                                                 | Private (Subject Site / Neighbour) | Remove            |
| E       | Poplar species | <i>Populus sp.</i>            | ~14     | -     | FG | G  | FG | -  | 1.5 | 2.4 | 2.4 | - | Lean (L)                                                                                                                 | Private (Neighbour)                | Preserve          |
| F       | Black Walnut   | <i>Juglans nigra</i>          | ~56     | -     | F  | G  | F  | -  | 5.5 | 3.6 | -   | - | Decay (M) in trunk                                                                                                       | Private (Neighbour)                | Remove            |
| G       | Silver Maple   | <i>Acer saccharinum</i>       | ~32     | -     | F  | FG | FG | -  | 2.5 | 3.0 | 2.8 | - | V-union at 1.5m, stem wounds (L) in crown                                                                                | Private (Neighbour)                | Preserve (Injure) |
| H       | Manitoba Maple | <i>Acer negundo</i>           | ~18, 18 | ~25.5 | F  | F  | PF | -  | 2.5 | 2.4 | 2.4 | - | Lean (L), v-union at 1.3m with included bark, vine competition (M), epicormic branching (M)                              | Private (Neighbour)                | Preserve          |
| I       | Blue Spruce    | <i>Picea pungens</i>          | ~28     | -     | FG | FG | F  | 10 | 1.5 | 2.4 | 2.4 | - | Deadwood (L), sweep (L)                                                                                                  | Private (Neighbour)                | Preserve          |

|   |                |                         |         |   |    |    |    |    |     |     |     |   |                                                                  |                     |          |
|---|----------------|-------------------------|---------|---|----|----|----|----|-----|-----|-----|---|------------------------------------------------------------------|---------------------|----------|
| J | Willow species | <i>Salix sp.</i>        | ~110    | - | F  | F  | F  | 20 | 7.5 | 7.0 | -   | - | Broken branches (M), deadwood (L), coppice growth                | Private (Neighbour) | Remove   |
| K | Blue Spruce    | <i>Picea pungens</i>    | ~32     | - | G  | G  | G  | -  | 2.5 | 3.0 | 3.0 | - |                                                                  | Private (Neighbour) | Preserve |
| L | Silver Maple   | <i>Acer saccharinum</i> | ~40     | - | FG | PF | F  | -  | 3.0 | 3.0 | 3.0 | - | Pruning wounds (M), epicormic branching (M), broken branches (M) | Private (Neighbour) | Preserve |
| M | White Elm      | <i>Ulmus americana</i>  | ~16     | - | FG | FG | F  | -  | 1.5 | 2.4 | -   | - | Bow (L), epicormic branching (L)                                 | Private (Neighbour) | Remove   |
| N | Silver Maple   | <i>Acer saccharinum</i> | ~6 - 16 | - | FG | FG | FG | -  | 2.5 | 2.4 | -   | - | V-union at base, epicormic branching (L), average DBH = 16cm     | Private (Neighbour) | Remove   |
| O | Manitoba Maple | <i>Acer negundo</i>     | ~32     | - | F  | G  | FG | -  | 2.5 | 3.0 | -   | - | Included (M) fence, lean (L)                                     | Private (Neighbour) | Remove   |

| 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 Dieback                       | (%)                                                                                                                  |
| 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 mTPZ (m) achievable during construction from base of tree                                                     |
| Ownership                                                                            | Ownership of Tree                   | Private, Town                                                                                                        |
| ~ = estimate; (L) = light; (M) = moderate; (H) = heavy; G = good; F = fair; P = poor |                                     |                                                                                                                      |

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

**P366 - Stand Tally Analysis**

| Tree Size Class                    | 10cm - 14cm |          | 15cm - 24cm |           | 25cm - 34cm |          | 35cm - 44cm |          | 45cm - 54cm |          | 55cm - 64cm |          | 65cm - 74cm |          | 75cm - 84cm |          | 85cm - 94cm |          | 95cm +   |          | Total All Sizes |           |
|------------------------------------|-------------|----------|-------------|-----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|----------|----------|-----------------|-----------|
| Species                            | AGS         | UGS      | AGS         | UGS       | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS      | UGS      | AGS             | UGS       |
| Apple species ( <i>Malus sp.</i> ) | 0           | 5        | 1           | 11        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 1               | 16        |
| Pear species ( <i>Pyrus sp.</i> )  | 1           | 4        | 0           | 1         | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 1               | 5         |
| <b>Total Number of Trees</b>       | <b>1</b>    | <b>9</b> | <b>1</b>    | <b>12</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b> | <b>0</b> | <b>2</b>        | <b>21</b> |

**P387 - Stand Tally Analysis**

| Tree Size Class                                   | 10cm - 14cm |          | 15cm - 24cm |          | 25cm - 34cm |          | 35cm - 44cm |          | 45cm - 54cm |          | 55cm - 64cm |          | 65cm - 74cm |          | 75cm - 84cm |          | 85cm - 94cm |          | 95cm +   |          | Total All Sizes |          |
|---------------------------------------------------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|----------|----------|-----------------|----------|
| Species                                           | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS      | UGS      | AGS             | UGS      |
| Eastern White Cedar ( <i>Thuja occidentalis</i> ) | 0           | 0        | 1           | 0        | 2           | 0        | 0           | 0        | 1           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 4               | 0        |
| Ironwood ( <i>Ostrya virginiana</i> )             | 0           | 0        | 0           | 0        | 1           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 1               | 0        |
| Norway Maple ( <i>Acer platanoides</i> )          | 0           | 0        | 0           | 0        | 1           | 0        | 0           | 1        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 1               | 1        |
| Black Walnut ( <i>Juglans nigra</i> )             | 0           | 0        | 2           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 2               | 0        |
| Manitoba Maple ( <i>Acer negundo</i> )            | 0           | 1        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 0               | 1        |
| <b>Total Number of Trees</b>                      | <b>0</b>    | <b>1</b> | <b>3</b>    | <b>0</b> | <b>4</b>    | <b>0</b> | <b>0</b>    | <b>1</b> | <b>1</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b> | <b>0</b> | <b>8</b>        | <b>2</b> |

**P408 - Stand Tally Analysis**

| Tree Size Class                             | 10cm - 14cm |          | 15cm - 24cm |          | 25cm - 34cm |          | 35cm - 44cm |          | 45cm - 54cm |          | 55cm - 64cm |          | 65cm - 74cm |          | 75cm - 84cm |          | 85cm - 94cm |          | 95cm +   |          | Total All Sizes |           |
|---------------------------------------------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|----------|----------|-----------------|-----------|
| Species                                     | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS      | UGS      | AGS             | UGS       |
| Black Walnut ( <i>Juglans nigra</i> )       | 2           | 0        | 5           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 7               | 0         |
| Apple species ( <i>Malus sp.</i> )          | 0           | 2        | 0           | 1        | 0           | 1        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 0               | 4         |
| Pear species ( <i>Pyrus sp.</i> )           | 1           | 0        | 1           | 0        | 0           | 2        | 0           | 1        | 0           | 1        | 0           | 0        | 0           | 1        | 0           | 0        | 0           | 0        | 0        | 0        | 2               | 5         |
| Cherry species ( <i>Prunus sp.</i> )        | 0           | 0        | 0           | 2        | 0           | 1        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 0               | 3         |
| Green Ash ( <i>Fraxinus pennsylvanica</i> ) | 0           | 2        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 0               | 2         |
| White Elm ( <i>Ulmus americana</i> )        | 0           | 0        | 4           | 0        | 0           | 1        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 4               | 1         |
| Manitoba Maple ( <i>Acer negundo</i> )      | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 1           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 1               | 0         |
| Norway Maple ( <i>Acer platanoides</i> )    | 0           | 0        | 1           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 1               | 0         |
| <b>Total Number of Trees</b>                | <b>3</b>    | <b>4</b> | <b>11</b>   | <b>3</b> | <b>0</b>    | <b>5</b> | <b>0</b>    | <b>1</b> | <b>1</b>    | <b>1</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>1</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b> | <b>0</b> | <b>15</b>       | <b>15</b> |

P409 - Stand Tally Analysis

| Tree Size Class                          | 10cm - 14cm |          | 15cm - 24cm |          | 25cm - 34cm |          | 35cm - 44cm |          | 45cm - 54cm |          | 55cm - 64cm |          | 65cm - 74cm |          | 75cm - 84cm |          | 85cm - 94cm |          | 95cm +   |          | Total All Sizes |           |
|------------------------------------------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|----------|----------|-----------------|-----------|
| Species                                  | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS         | UGS      | AGS      | UGS      | AGS             | UGS       |
| Silver Maple ( <i>Acer saccharinum</i> ) | 0           | 0        | 0           | 0        | 1           | 0        | 4           | 2        | 2           | 4        | 1           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 8               | 6         |
| White Elm ( <i>Ulmus americana</i> )     | 5           | 1        | 1           | 0        | 1           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 7               | 1         |
| Manitoba Maple ( <i>Acer negundo</i> )   | 0           | 2        | 0           | 3        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 0               | 5         |
| Norway Maple ( <i>Acer platanoides</i> ) | 1           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0           | 0        | 0        | 0        | 1               | 0         |
| <b>Total Number of Trees</b>             | <b>6</b>    | <b>3</b> | <b>1</b>    | <b>3</b> | <b>2</b>    | <b>0</b> | <b>4</b>    | <b>2</b> | <b>2</b>    | <b>4</b> | <b>1</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b>    | <b>0</b> | <b>0</b> | <b>0</b> | <b>16</b>       | <b>12</b> |