BEACON ENVIRONMENTAL

GUIDING SOLUTIONS IN THE NATURAL ENVIRONMENT

# Arborist Report & Tree Inventory and Preservation Plan

## 720, 735 & 740 Oval Court and 5135 & 5155 Fairview Street, Burlington

*Prepared For:*

**Branthaven Development Corp.**

*Prepared By:*

**Beacon Environmental Limited**

*Date:* **Revised March 2023**

*Project:* **218416**

# Table of Contents

page

1. Introduction ..... 1
2. Methodology ..... 1
3. Results ..... 2
   - 3.1 Trees on the Subject Lands ..... 2
   - 3.2 Trees on Public Lands Adjacent to the Subject Lands ..... 4
   - 3.3 Trees on Public Lands within Appleby Creek Corridor ..... 4
4. Applicable Policies and By-Laws ..... 5
   - 4.1 City of Burlington ..... 6
5. Tree Removals and Preservation Opportunities ..... 6
   - 5.1 Tree Preservation and Removal on the Subject Lands ..... 7
   - 5.2 Tree Preservation and Removal on Public Lands Adjacent to Subject Lands ..... 7
   - 5.3 Tree Preservation and Removal within Appleby Creek Corridor ..... 7
6. Tree Protection and Preservation Guidelines ..... 8
   - 6.1 Timing of Tree Removal ..... 10
7. Tree Compensation ..... 10
8. References ..... 12

## Figures

Figure 1. Site Location ..... after page 2
Figure 2. Tree Inventory and Preservation Plan ..... after page 6

## Tables

Table 1. Summary of Species Inventoried on Subject Lands ..... 3
Table 2. Summary of Tree Groups on Subject Lands ..... 3
Table 3. Summary of Species Inventoried on Public Lands Adjacent to Subject Lands ..... 4
Table 4. Summary of Tree Groups on Public Lands Adjacent to Subject Lands ..... 4
Table 5. Summary of Species Inventoried in Appleby Creek Corridor ..... 5
Table 6. Summary of Trees Proposed for Preservation and Removal ..... 7
Table 7. Summary of Trees Proposed for Preservation and Removal within Appleby Creek Corridor ..... 8
Table 8. Minimum Tree Protection Zones ..... 9

## Appendices

Appendix A. Tree Inventory and Assessment Methodology & Limitations of Tree Assessment
Appendix B. Tree Inventory Table Oval Court
Appendix C. Tree Inventory Culvert Works South of Fairview Street

## Report Versions Issued

| Version | Date | Revisions |
|---|---|---|
| 1. | April 2021 | |
| 2. | March 2023 | Issued for OLT Settlement Offer |

# 1. Introduction

Beacon Environmental Limited (Beacon) was retained by Branthaven Development Corp. (Branthaven) to prepare an Arborist Report in support of a redevelopment proposal for properties located at 720, 735 and 740 Oval Court and 5135 and 5155 Fairview Street in the City of Burlington, herein referred to as the subject lands. The subject lands comprise 4.59 hectares of existing commercial and industrial development situated north of Fairview Street and south of the CN rail line immediately between Appleby Creek and Sherwood Forest Park (**Figure 1**). The proponent intends to redevelop the subject lands into a transit-oriented community designed for residential, retail and commercial uses. While the redevelopment proposal is limited to the tableland portion of the subject lands, the project also involves tree clearing and grading of the eastern slopes of the publicly owned Appleby Creek valleyland for the purposes of flood mitigation. Additionally, a pedestrian bridge crossing is proposed to link the future development to the adjacent Appleby GO Station.

The City of Burlington's *Public Tree By-law (68-2013)* regulates the destruction or injury of trees located on public property (e.g. within the road right-of-way). Injury or destruction of City-owned trees requires prior authorization from the City Arborist in the form of a Tree Permit. Additionally, the City of Burlington's Private Tree By-Law (02-2020) regulates the destruction or injury of trees located on private property. While the Private Tree By-law does not apply to tree removal made as part of *Planning Act* applications, it is anticipated that some clearing may commence prior to site plan approval. For this reason, this Arborist Report has been prepared to facilitate future permitting requirements under the two by-laws.

All privately and publicly owned trees contained within the project study area have been inventoried and assessed.

**This Arborist Report represents an update to the April 2021 Arborist Report.** The report and associated plans have been updated to reflect the revised Site Plan (Core Architects Inc. 2023); revised Grading and Servicing Plans, inclusive of culvert works south of Fairview Street (Urbantech, 2023).

# 2. Methodology

An inventory and assessment of all trees with a diameter at breast height (DBH) of 10 centimetres or more – and within 6 m of subject property - was completed on April 30, 2019, in accordance with City of Burlington standards by an Arborist certified by the International Society of Arboriculture (ISA). All trees on or directly adjacent to the subject lands were assessed, as well as trees in the Appleby Creek valleylands. A supplemental inventory and assessment was completed by Beacon on December 19, 2022, for all trees with a diameter at breast height (DBH) of 5 centimetres or more – and within 6 m of proposed works – for the culvert works south of Fairview Street. Data was collected on the species, diameter, crown size, health and condition. Where trees occurred in consistent groups of the same species, all planted at the same time, a tree group was created containing size, species, and condition information.

A tree inventory was also previously completed for the Appleby Creek portion of the site by Aquafor Beech Ltd. (2019) as part of the Appleby Creek Flood Mitigation Environmental Assessment. Trees with existing tags from this previous inventory were re-assessed by Beacon. Many of the tags from this

inventory were not found and therefore a total of 52 trees included in the inventory contain data collected by Aquafor Beech Limited (tree no.'s 83, 85-100, 263-276, 278-281, 283-287, 943-951, and 954-956).

Each tree was assigned a condition rating of good, fair, poor, or dead, based on the following criteria:

- ***Poor*** – Severe dieback, significant lean, missing leader, major defects, significant decay and/or disease presence;
- ***Fair*** – Moderate dieback and/or lean, limb defects, multiple stems, moderate foliage damage from stress;
- ***Good*** – Healthy vigorous growth, minor visible defects or damage; or
- ***Dead*** – No live growth.

Tree condition was assessed based on presence and severity of flaws, damage, evidence of pests or diseases, structural condition, dead or dying branches, or other decline indicators.

Trees were tagged with metal numbered labels using a staple gun. The location of each tree was surveyed by J.H. Gelbloom Surveying Ltd., a Registered Ontario Land Surveyor; for culvert works south of Fairview, trees were located in a survey prepared by A.T. McLaren Ltd., Registered Ontario Land Surveyor.

**Appendix A** presents the limitations and detailed methodology of the tree assessment.

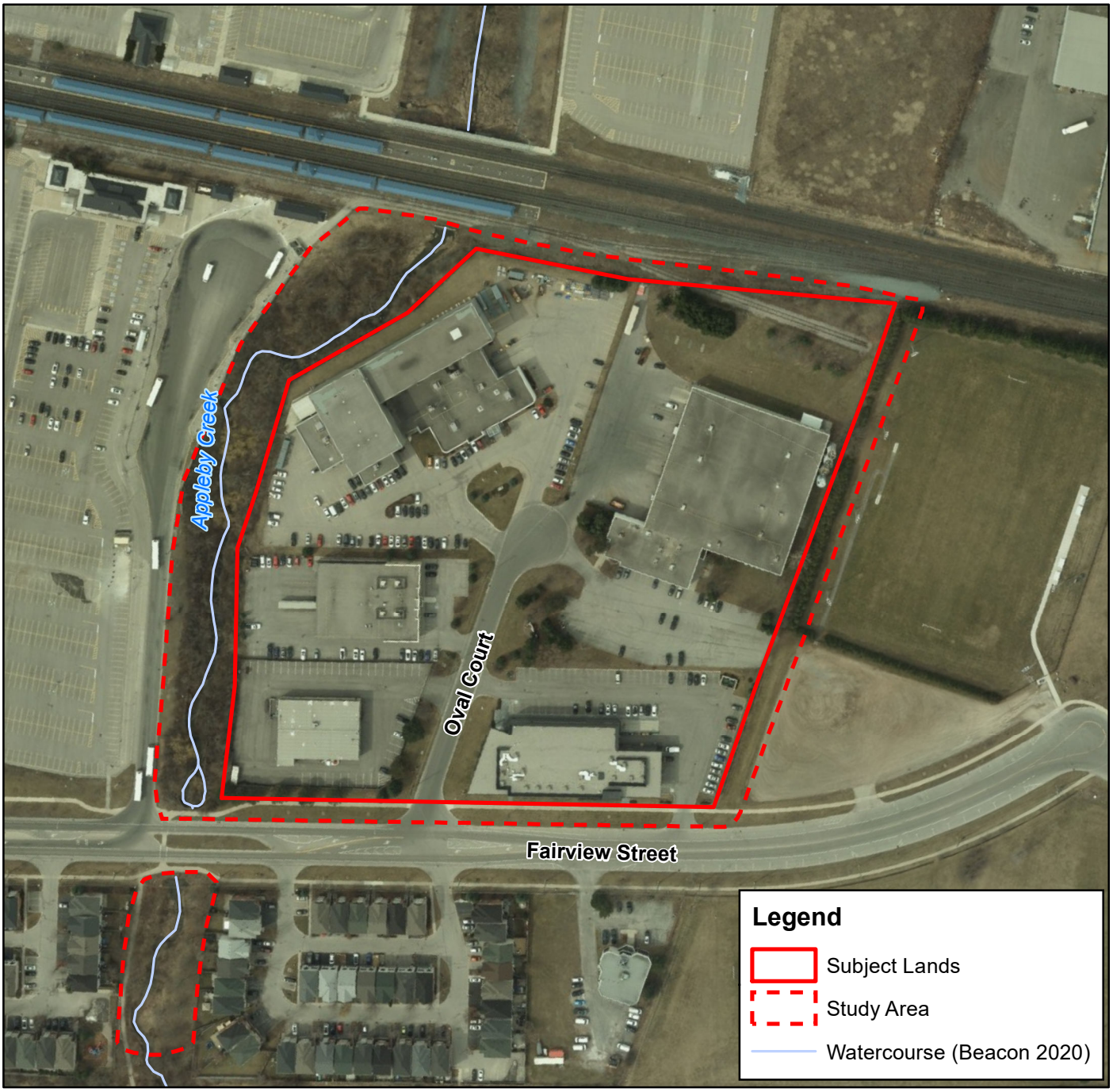
# 3. Results

A total of 385 trees were individually tagged and assessed. Of these 385, 130 trees correspond to the subject lands, 248 correspond to adjacent and south valley corridors, one (1) corresponds to adjacent public lands, and six (6) correspond to the municipal road allowance (MRA). See **Appendix B** and **Appendix C** for detailed results of the tree inventory and assessments.

A total of 5 tree groups were also delineated on the subject lands and on adjacent lands. A total of 58 trees were recorded on the subject lands within Tree Groups A and B. An additional 158 trees were recorded adjacent to the subject lands within Tree Groups C, D, and E.

## 3.1 Trees on the Subject Lands

Dominant tree species on the subject lands include Blue Spruce (*Picea pungens*) (25.8% of trees inventoried on the subject lands), followed by Austrian Pine (*Pinus nigra*) (14.4% of trees inventoried on the subject lands), and Silver Maple (*Acer saccharinum*) (8.3% of trees inventoried on the subject lands). Refer to **Table 1** for a full list of species recorded on the subject lands.







| Site Location | Figure 1 |
|---|---|
| Arborist Report - Oval Court Redevelopment, City of Burlington | |
| BEACON ENVIRONMENTAL | Project: 218416<br>Last Revised: February, 2023 |
| Client: Branthaven Development Corp | Prepared by: SZ<br>Checked by: TS |
| 1:2,500 | Inset Map:1:45,000 |

Contains information licensed under the Open Government License–Ontario Orthoimagery Baselayer: FBS Halton Region (2021)

C:\ODB\OneDrive - Beacon Environmental\GeoSpatial\Geo Projects\2018\218416 Oval Court\MXD\EIS\20230228_Figure01_SiteLocation_ArboristReport_218416.mxd

## Table 1. Summary of Species Inventoried on Subject Lands

| Species | | Number of Trees | Percentage of Total |
|---|---|---|---|
| **Botanical Name** | **Common Name** | | |
| *Acer platanoides* | Norway Maple | 7 | 5.3% |
| *Acer saccharinum* | Silver Maple | 11 | 8.3% |
| *Acer x freemanii* | Freeman's Maple | 4 | 3.0% |
| *Fraxinus excelsior* | European Ash | 2 | 1.5% |
| *Fraxinus pennsylvanica* | Green Ash | 5 | 3.8% |
| *Gleditsia triacanthos (cultivar)* | Honey Locust | 3 | 2.3% |
| *Juglans nigra* | Black Walnut | 5 | 3.8% |
| *Picea glauca* | White Spruce | 3 | 2.3% |
| *Picea pungens* | Blue Spruce | 32 | 25.8% |
| *Pinus nigra* | Austrian Pine | 19 | 14.4% |
| *Pinus strobus* | White Pine | 8 | 6.1% |
| *Populus deltoides* | Cottonwood | 8 | 6.1% |
| *Pyrus calleryana* 'Chanticleer' | Chanticleer Pear | 6 | 4.5% |
| *Quercus rubra* | Red Oak | 5 | 3.8% |
| *Robinia psuedoacacia* | Black Locust | 7 | 5.3% |
| *Syringa reticulata* 'Ivory Silk' | Japanese Tree Lilac | 2 | 1.5% |
| *Tilia cordata* | Little Leaf Linden | 2 | 1.5% |
| | **Total** | **130** | **100%** |

Trees on the subject lands range in size from 10-101 cm DBH and have an average DBH of 24 cm. Overall trees on the subject lands are generally in good or fair condition.

Tree groups located on the subject lands include tree groups A and B. These groups are located near the western property boundary along the rail corridor. Tree Group A is comprised of four White Spruce (*Picea* glauca) with DBH from 20-24 cm in fair-good condition. All trees in Group A have tree ties embedded in their trunks, one tree is showing signs of stress and thinning. Tree Group B is comprised of 54 Norway Spruce (*P. abies)* all in fair-good condition. Due to these trees being planted in a tight group many are one sided on the shaded side. Ten trees in this group were found in poor condition due to being shaded. See **Table 2** for a summary of tree groups on subject lands.

## Table 2. Summary of Tree Groups on Subject Lands

| Tree Grouping | Species | | Number of Trees | Percentage of Total |
|---|---|---|---|---|
| | **Botanical Name** | **Common Name** | | |
| Tree Group A | *Picea glauca* | White Spruce | 4 | 6.9% |
| Tree Group B | *Picea abies* | Norway Spruce | 54 | 93.1% |
| | | **Total** | **58** | **100%** |

## 3.2 Trees on Public Lands Adjacent to the Subject Lands

Three tree groups and three (3) individual trees were recorded directly adjacent to the subject lands. Tree 582, a Norway Maple was recorded in the City's Boulevard adjacent to Fairview Street, which was found to be in good condition. Tree 478 is located in the municipal road allowance associated with Oval Court. It is a Blue Spruce in fair condition. Tree 561 is a notable specimen; it is a mature White Oak in good condition located City side of property line within Sherwood Forest Park. See **Table 3** for a summary of species inventoried on public lands adjacent to subject lands.

### Table 3. Summary of Species Inventoried on Public Lands Adjacent to Subject Lands

| Species | | Number of Trees | Percentage of Total |
|---|---|---|---|
| **Botanical Name** | **Common Name** | | |
| *Acer platanoides* | Norway Maple | 1 | 33.33% |
| *Picea pungens* | Blue Spruce | 1 | 33.33% |
| *Quercus alba* | White Oak | 1 | 33.33% |
| | **Total** | **3** | **100%** |

Tree groups located off the subject lands include Groups C, D, and E. These groups follow the western and northern property limits. Tree Group C is comprised of 5 Norway Spruce with DBH ranging from 18-24 cm in good condition. Tree Groups D and E are located along the northern property limit within Sherwood Forest Park and are comprised of White Cedar. Tree Group D includes 42 White Cedar ranging from 5-12 cm DBH in Good condition. Tree group D also includes one Green Ash with a DBH of 17; this tree is dead. Tree Group E includes 110 White Cedar that range in size from 5-20 cm DBH and are generally in good condition. See **Table 4** for a summary of tree groups adjacent to the subject lands.

### Table 4. Summary of Tree Groups on Public Lands Adjacent to Subject Lands

| Tree Grouping | Species | | Number of Trees | Percentage of Total |
|---|---|---|---|---|
| | **Botanical Name** | **Common Name** | | |
| Tree Group D | *Fraxinus pennsylvanica* | Green Ash | 1 | 0.6% |
| Tree Group C | *Picea abies* | Norway Spruce | 5 | 3.2% |
| Tree Group D and E | *Thuja occidentalis* | White Cedar | 152 | 96.2% |
| | | **Total** | **158** | **100%** |

## 3.3 Trees on Public Lands within Appleby Creek Corridor

Trees located within the adjacent Appleby Creek corridor – both north and south of Fairview Street - are growing on publicly owned lands, not the subject lands, with the exception for Tree 338. Dominant species identified within the Appleby Creek corridor include Green Ash (*Fraxinus pennsylvanica*) (50% of trees inventoried within the corridor), followed by Hawthorn (*Crataegus sp.*) (12.4% of trees inventoried within the corridor), and Manitoba Maple (*Acer negundo*) (11.3% trees inventoried within the corridor). Refer to **Table 5** for a full list of species recorded within the creek corridor.

**Table 5. Summary of Species Inventoried in Appleby Creek Corridor**

| Species | | Number of Trees | Percentage of Total |
|---|---|---|---|
| **Botanical Name** | **Common Name** | | |
| *Acer negundo* | Manitoba Maple | 31 | 12.5% |
| *Acer platanoides* | Norway Maple | 5 | 2.0% |
| *Acer saccharinum* | Silver Maple | 1 | 0.4% |
| *Betula pendula* | European White Birch | 1 | 0.4% |
| *Crataegus sp.* | Hawthorn | 23 | 9.3% |
| *Elaeagnus angustifolia* | Russian Olive | 2 | 1.0% |
| *Fraxinus pennsylvanica* | Green Ash | 111 | 43.0% |
| *Gleditsia triacanthos* | Honey Locust | 8 | 3.2% |
| *Juglans nigra* | Black Walnut | 28 | 11.3% |
| *Malus sp* | Apple | 2 | 1.0% |
| *Morus alba* | White Mulberry | 2 | 1.0% |
| *Ostrya virginiana* | Ironwood | 4 | 2.2% |
| *Picea pungens* | Blue Spruce | 1 | 0.4% |
| *Prunus avium* | Sweet Cherry | 2 | 1.0% |
| *Pyrus communis* | Common Pear | 2 | 1.0% |
| *Quercus macrocarpa* | Bur Oak | 3 | 1.2% |
| *Salix fragilis* | Crack Willow | 16 | 6.5% |
| *Tilia americana* | Basswood | 3 | 1.2% |
| *Tilia cordata* | Little Leaf Linden | 1 | 0.4% |
| *Ulmus americana* | American Elm | 2 | 1.0% |
| **Total** | | **248** | **100%** |

Trees inventoried in the creek corridor range from 5-90 cm DBH with average DBH of 18 cm. Generally, trees in the corridor were found in fair or poor condition with many showing structural issues. Of the trees in poor condition 86% are Ash trees which are in decline or are almost dead due to Emerald Ash Borer (EAB) (*Agrilus planipennis*) infestation.

# 4. Applicable Policies and By-Laws

Depending on tree location, size, and other factors, the destruction or injury of trees on and adjacent to the subject lands may be subject to by-laws and policies enacted by the City of Burlington and/or the Region of Halton (the 'Region') and/or Conservation Halton (CH).

### 4.1 City of Burlington

The City of Burlington's *Public Tree By-law (68-2013)* regulates the destruction or injury of all trees of any size located on public property (e.g. within the road ROW, within the valley corridor). Injury or destruction of City-owned trees requires prior authorization from the City Arborist in the form of a Tree Permit and may require Council approval.

Additionally, the City of Burlington's Private Tree By-Law (02-2020) regulates the destruction or injury of trees located on private property. According to the by-law, no person shall:

- Cause or permit the Injury, destruction or removal of a Tree with a dbh of 20cm or greater;
- Cause or permit the injury, destruction or removal of more than five (5) trees with a Diameter at Breast Height of greater than 10 cm and less than 20 cm in one calendar year;
- Cause or permit the Injury, destruction or removal of a Heritage Tree, unless they receive approval to do so under the requirements of the *Ontario Heritage Act*, 2005; or
- Cause or permit the injury, destruction or removal of any tree classified as an endangered, threatened, or at risk species, as defined in the provincial *Endangered Species Act,* 2007, c. 6 or any tree classified as an endangered or threatened tree species or a tree species of special concern, as defined in the federal *Species at Risk Act*, 2002, S.C. 2002, c. 29.

# 5. Tree Removals and Preservation Opportunities

Based on review of the Site Plan (Core Architects, 2023) and the Grading Plans (Urbantech Consulting, 2023) a total of **340 private and public trees (tagged and in groups) require removal** to accommodate the proposed development; two (2) trees would be preserved with injury; and **259 private and public trees (tagged and in groups) are candidates for preservation** (see **Figure 2** and **Table 6**). This includes the removal of 256 individually assessed trees and all 58 trees within Tree Groups A and B and 26 trees from Tree Group E. Trees for preservation include 127 individually assessed trees and 132 trees included in Tree Groups C, D, and E.

Of the 256 individually assessed trees for removal, 126 are private trees that require removal due to the proposed works on the subject lands. On publicly owned lands, one tree (Tree 478) requires removal within the Oval Court MRA; two (2) trees (Trees 364, 365) require removal within the Fairview Street MRA for culvert works. An additional 87 public trees require removal along the eastern side of the Appleby Creek corridor to allow for the proposed floodplain grading works, bioswale outlet, and pedestrian bridge crossing. An additional 29 public trees require removal within the Appleby Creek corridor just south of Fairview Street bridge to allow for the proposed culvert replacement regrading works.

SHEET TP-2

SHEET TP-3

SHEET TP-5

SHEET TP-4

SHEET TP-7

METROLINX RAIL CORRIDOR

METROLINX RAIL CORRIDOR

APPLEBY GO STATION

PH1

PH2a

PH2b

PH3

PH4

PH5

PH6

BUILDING A (19 STOREYS) 62.25m + 6.5m MPH 202 APARTMENTS

BUILDING B (19 STOREYS) 62.25m + 6.5m MPH 202 APARTMENTS

BUILDING C (30 STOREYS) 98.00m + 6.5m MPH 303 APARTMENTS

BUILDING D (30 STOREYS) 98.00m + 6.5m MPH 303 APARTMENTS

BUILDING E (30 STOREYS) 98.00m + 6.5m MPH 318 APARTMENTS

BUILDING F (11 STOREYS) 36.25m + 6.5m MPH 142 APARTMENTS

BUILDING G (19 STOREYS) 62.25m + 6.5m MPH 222 APARTMENTS

BUILDING H (19 STOREYS) 62.25m + 6.5m MPH 202 APARTMENTS

THE PROMENADE

SHERWOOD FOREST PARK

OVAL COURT PLAZA

KIDS PLAY AREA

OVAL COURT

APPLEBY CREEK

7.0m PRIVATE ROAD

FAIRVIEW STREET

PROPOSED CULVERT AND GRADING WORKS (REFER TO ENG. DWGS.)

EXISTING RESIDENTIAL

EXISTING RESIDENTIAL

APPLEBY CREEK CORRIDOR

KEYMAP

Great Lake Blvd.

QEW

Harvester Rd.

Subject Site

New St.

Fairview St.

Appleby Line

NTS

## LEGEND

- Existing Property Boundary
- Tree Preservation Fence
- Limit of Grading
- Proposed Property Line
- Proposed Appleby Creek Regional Flood Line
- Proposed Appleby Creek Top of Bank
- Top of Slope (Staked by Conservation Halton)
- Proposed Underground Parking Garage
- 1678 Tree tag
- Tree Crown
- Minimum Tree Protection Zone
- Critical Root Zone
- Tree Location
- Tree to be Preserved
- Tree to be Removed
- Tree to be Preserved with Injury
- Area of Incursion Into Tree Protection Zones

Notes: Scale shown is for an 36" x 24" page.
For illustrative purposes. Do not scale

| Nº | REVISIONS | DATE: | BY: |
|---|---|---|---|
| 6 | | | |
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | ISSUED FOR OLT SETTLEMENT OFFER | 2023/03/15 | TS |
| 1 | ISSUED FOR OPA/ZBA | 2021/04/09 | NC |

SCALE

1:500

0 10 20 40m

NORTH ARROW

CERTIFIED ARBORIST ISA

TODD SMITH
#ON-1608A


BEACON ENVIRONMENTAL

GUELPH OFFICE
373 WOOLWICH ST.
GUELPH, ON N1H 3W4

T) 519.826.0419
519.826.9306
www.beaconenviro.com


CLIENT

BRANTHAVEN DEVELOPMENT CORP.

PROJECT

720, 735, 740 OVAL COURT AND 5135, 5155 FAIRVIEW STREET

SHEET TITLE

TREE INVENTORY AND PRESERVATION PLAN

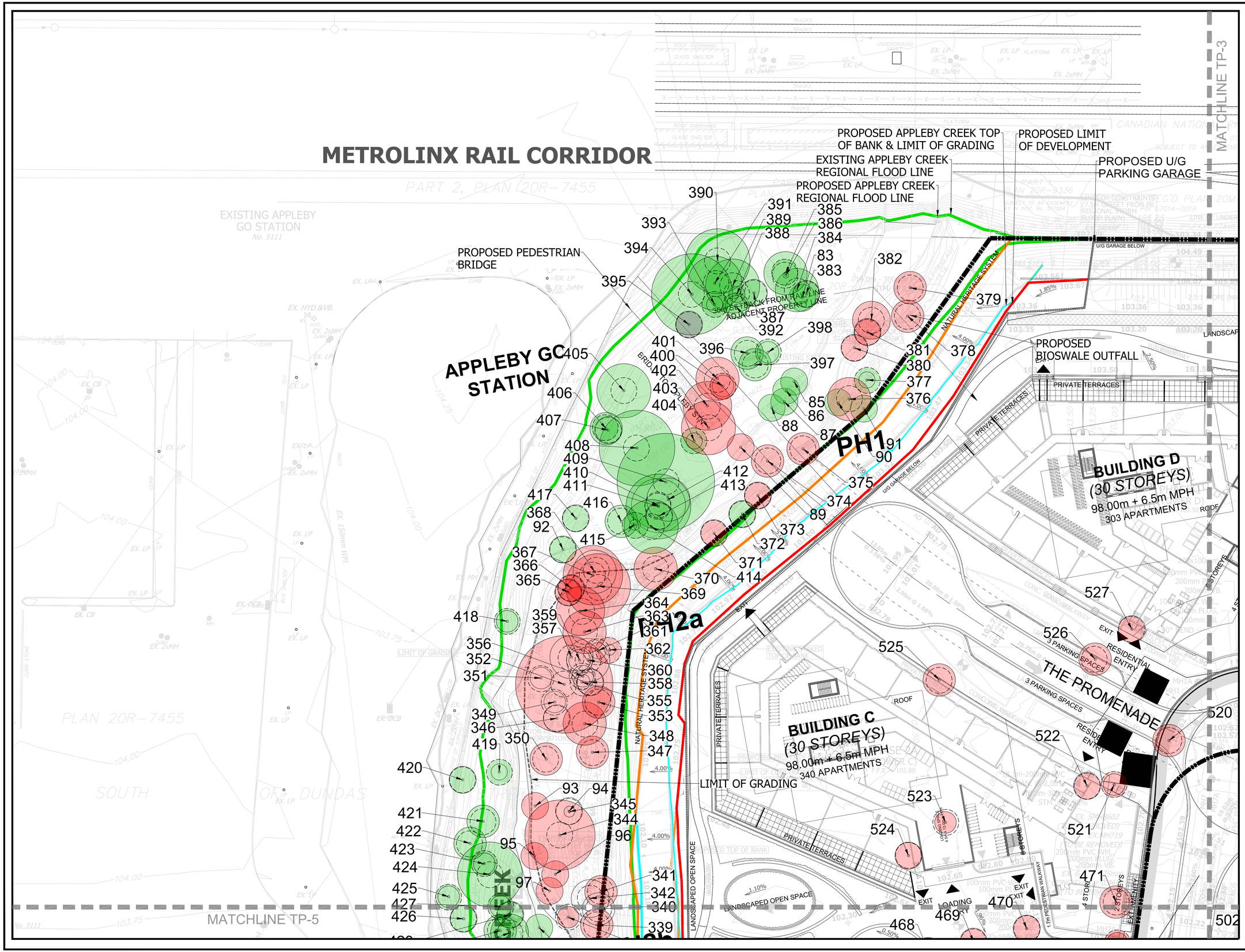
PROJECT Nº: 218416

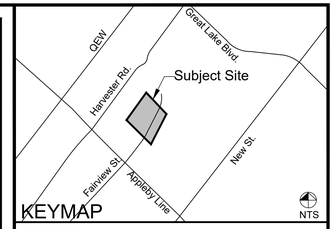
DRAWN BY: NC/CS

CHECKED BY: --

DATE: 16 March 2023

FIGURE Nº: TP-1




## LEGEND

- Existing Property Boundary
- Tree Preservation Fence
- Limit of Grading
- Proposed Property Line
- Proposed Appleby Creek Regional Flood Line
- Proposed Appleby Creek Top of Bank
- Top of Slope (Staked by Conservation Halton)
- Proposed Underground Parking Garage
- 1678 Tree tag
  - Tree Crown
  - Minimum Tree Protection Zone
  - Critical Root Zone
  - Tree Location
- Tree to be Preserved
- Tree to be Removed

Notes: Scale shown is for an 36" x 24" page.
For illustrative purposes. Do not scale

| Nº | REVISIONS | DATE: | BY: |
|---|---|---|---|
| 6 | | | |
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | ISSUED FOR OLT SETTLEMENT OFFER | 2023/03/15 | TS |
| 1 | ISSUED FOR OPA/ZBA | 2021/04/09 | NC |

SCALE
1:500
0 10 20 40m

NORTH ARROW

CERTIFIED ARBORIST ISA
TODD SMITH
#ON-1608A

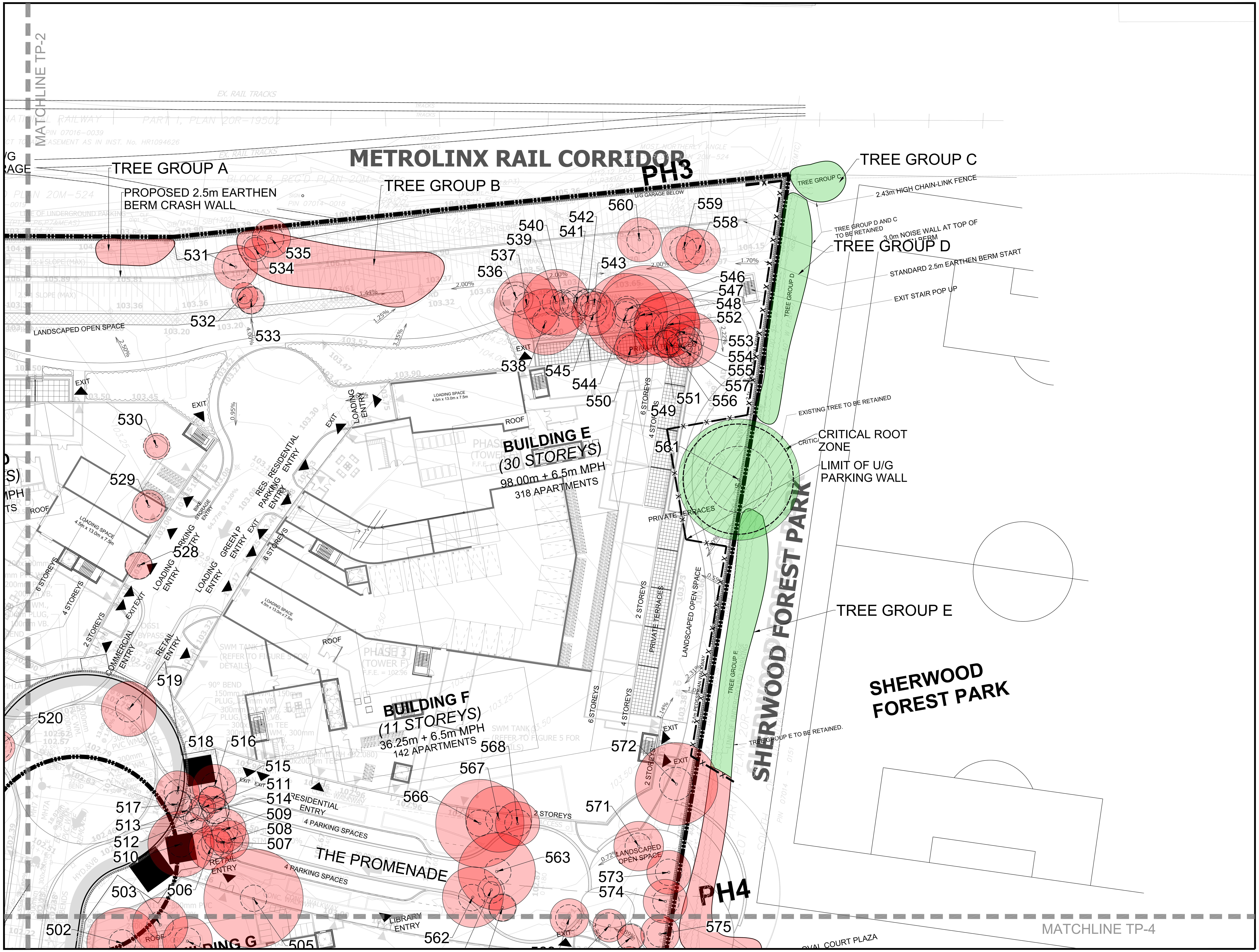
BEACON ENVIRONMENTAL
GUELPH OFFICE
373 WOOLWICH ST,
GUELPH, ON N1H 3W4
T) 519.826.0419
519.826.8306
www.beaconenviro.com

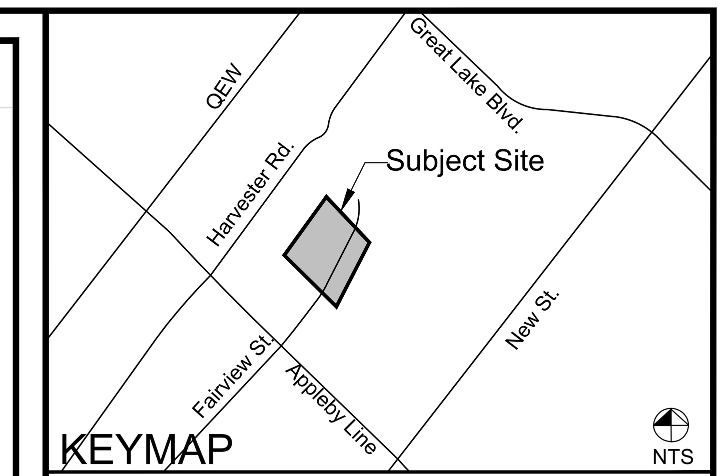
CLIENT
BRANTHAVEN DEVELOPMENT CORP.

PROJECT
720, 735, 740 OVAL COURT AND 5135, 5155 FAIRVIEW STREET

SHEET TITLE
TREE INVENTORY AND PRESERVATION PLAN

PROJECT Nº: 218416
DRAWN BY: NC/CS
CHECKED BY: --
DATE: 16 March 2023
FIGURE Nº: TP-2




## LEGEND

- Existing Property Boundary
- Tree Preservation Fence
- Proposed Property Line
- Proposed Underground Parking Garage
- 1678 Tree tag
- Tree Crown
- Minimum Tree Protection Zone
- Critical Root Zone
- Tree Location
- Tree to be Preserved
- Tree to be Removed

Notes: Scale shown is for an 36" x 24" page.
For illustrative purposes. Do not scale

| Nº | REVISIONS | DATE: | BY: |
|---|---|---|---|
| 6 | | | |
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | ISSUED FOR OLT SETTLEMENT OFFER | 2023/03/15 | TS |
| 1 | ISSUED FOR OPA/ZBA | 2021/04/09 | NC |

SCALE

1:500 — 0 10 20 40m

NORTH ARROW

NORTH

TODD SMITH
#ON-1608A

BEACON ENVIRONMENTAL

GUELPH OFFICE
373 WOOLWICH ST,
GUELPH, ON N1H 3W4

T) 519.826.0419
519.826.9306
www.beaconenviro.com

CLIENT

BRANTHAVEN DEVELOPMENT CORP.

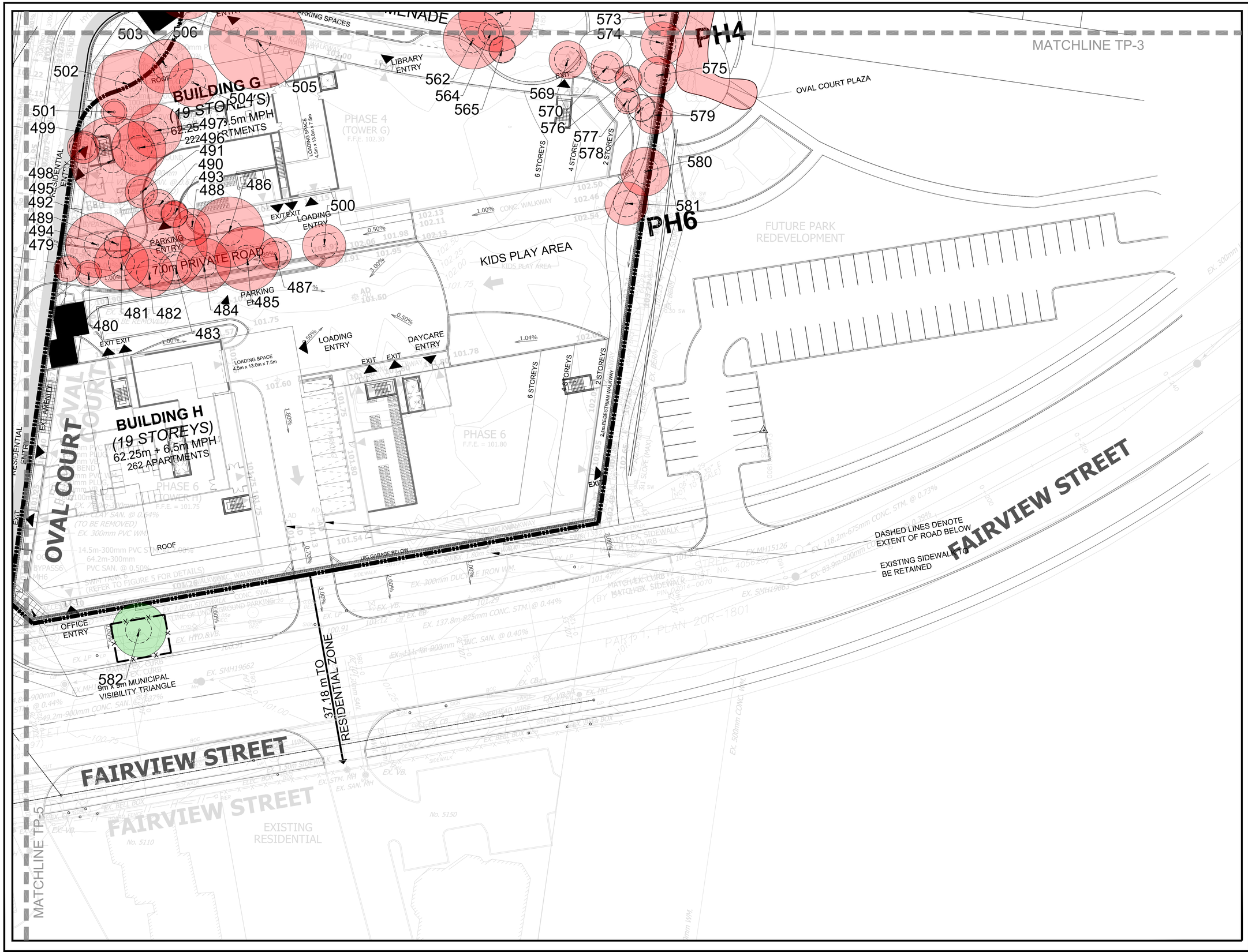
PROJECT

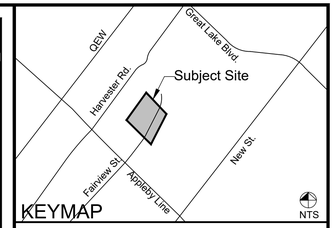
720, 735, 740 OVAL COURT AND 5135, 5155 FAIRVIEW STREET

SHEET TITLE

TREE INVENTORY AND PRESERVATION PLAN

| | |
|---|---|
| PROJECT Nº: | 218416 |
| DRAWN BY: | NC/CS |
| CHECKED BY: | -- |
| DATE: | 16 March 2023 |
| FIGURE Nº: | TP-3 |




## LEGEND

- Existing Property Boundary
- Tree Preservation Fence
- Proposed Underground Parking Garage
- 1678 Tree tag
- Tree Crown
- Minimum Tree Protection Zone
- Critical Root Zone
- Tree Location
- Tree to be Preserved
- Tree to be Removed
- Tree to be Preserved with Injury

Notes: Scale shown is for an 36" x 24" page.
For illustrative purposes. Do not scale

| N° | REVISIONS | DATE: | BY: |
|---|---|---|---|
| 6 | | | |
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | ISSUED FOR OLT SETTLEMENT OFFER | 2023/03/15 | TS |
| 1 | ISSUED FOR OPA/ZBA | 2021/04/09 | NC |

SCALE

1:500 (0, 10, 20, 40m)

NORTH ARROW

TODD SMITH
#ON-1608A

BEACON ENVIRONMENTAL
GUELPH OFFICE
373 WOOLWICH ST,
GUELPH, ON N1H 3W4
T) 519.826.0419
519.826.9306
www.beaconenviro.com

CLIENT
BRANTHAVEN DEVELOPMENT CORP.

PROJECT
720, 735, 740 OVAL COURT AND 5135, 5155 FAIRVIEW STREET

SHEET TITLE
TREE INVENTORY AND PRESERVATION PLAN

PROJECT N°: 218416
DRAWN BY: NC/CS
CHECKED BY: --
DATE: 16 March 2023
FIGURE N°: TP-4

MATCHLINE TP-2

MATCHLINE TP-6

MATCHLINE TP-4

APPLEBY CREEK

LIMIT OF GRADING

FAIRVIEW STREET

OVAL COURT

BUILDING B
(19 STOREYS)
62.25m + 6.5m MPH
202 APARTMENTS

BUILDING A
(19 STOREYS)
62.25m + 6.5m MPH
202 APARTMENTS

7.0m PRIVATE ROAD

LANDSCAPED OPEN SPACE

PROPOSED CULVERT AND GRADING WORKS (REFER TO ENG. DWGS.)

EXISTING APPLEBY GO STATION PARKING

3m X 3m VISIBILITY TRIANGLE

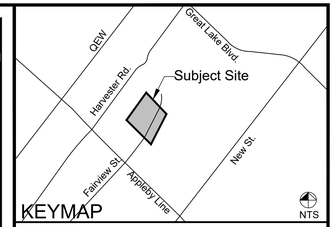
1.5m PEDESTRIAN WALKWAY

NATURAL HERITAGE SYSTEM

PH2b

PH5

KEYMAP




LEGEND

- Existing Property Boundary
- Tree Preservation Fence
- Limit of Grading
- Proposed Property Line
- Proposed Appleby Creek Regional Flood Line
- Proposed Appleby Creek Top of Bank
- Top of Slope (Staked by Conservation Halton)
- Proposed Underground Parking Garage
- 1678 Tree tag
- Tree Crown
- Minimum Tree Protection Zone
- Critical Root Zone
- Tree Location
- Tree to be Preserved
- Tree to be Removed
- Tree to be Preserved with Injury

Notes: Scale shown is for an 36" x 24" page.
For illustrative purposes. Do not scale

| Nº | REVISIONS | DATE: | BY: |
|---|---|---|---|
| 6 | | | |
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | ISSUED FOR OLT SETTLEMENT OFFER | 2023/03/15 | TS |
| 1 | ISSUED FOR OPA/ZBA | 2021/04/09 | NC |

SCALE
1:500
0 10 20 40m

NORTH ARROW

CERTIFIED ARBORIST ISA
TODD SMITH
#ON-1608A

BEACON ENVIRONMENTAL
GUELPH OFFICE
373 WOOLWICH ST,
GUELPH, ON N1H 3W4
T) 519.826.0419
519.826.9306
www.beaconenviro.com

CLIENT
BRANTHAVEN DEVELOPMENT CORP.

PROJECT
720, 735, 740 OVAL COURT AND 5135, 5155 FAIRVIEW STREET

SHEET TITLE
TREE INVENTORY AND PRESERVATION PLAN

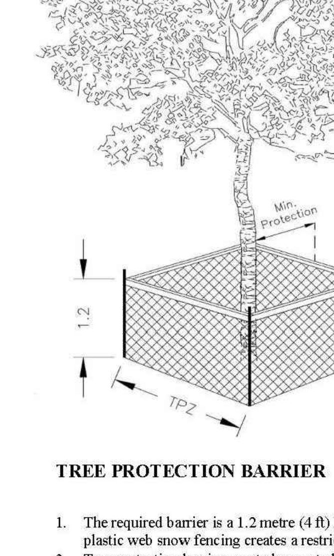
PROJECT Nº: 218416
DRAWN BY: NC/CS
CHECKED BY: --
DATE: 16 March 2023
FIGURE Nº: TP-5

TREE INVENTORY (SHEETS TP-2 THROUGH TP-5 ONLY)

| Tag No. | Scientific Name | Common Name | DBH (cm) | TPZ | Crown Diameter (m) | Condition | Comments | Ownership | Recommendation |
|---|---|---|---|---|---|---|---|---|---|
| 83 | Salix fragilis | Crack Willow | 85 | 5 | | Poor | Fallen over, large cavities, still alive | Public | Preserve |
| 85 | Acer negundo | Manitoba Maple | 18 | 2.4 | 3 | Fair-Poor | Trunks leaning and cracked | Public | Preserve |
| 86 | Acer negundo | Manitoba Maple | 14 | 2.4 | 2, 1.5 | Fair | Poor form | Public | Preserve |
| 87 | Fraxinus pennsylvanica | Green Ash | 38, 36, 25 | 2.4 | | Poor | Dead | Public | Preserve |
| 88 | Acer negundo | Manitoba Maple | 17, 12, 18 | 2.4 | 3, 2 | Fair-Poor | Three stems, very poor form | Public | Preserve |
| 89 | Acer negundo | Manitoba Maple | 27 | 2.4 | 6 | Fair | Roots exposed due to erosion | Public | Remove-bridge |
| 90 | Acer negundo | Manitoba Maple | 14 | 4 | | Fair | | Public | Preserve |
| 91 | Acer negundo | Manitoba Maple | 15 | 4.5 | | Poor | Very poor form, stems broken | Public | Preserve |
| 92 | Salix fragilis | Crack Willow | 30, 36 | 2.4 | 5 | Poor | | Public | Preserve |
| 93 | Fraxinus pennsylvanica | Green Ash | 11.5 | 2.5 | | Fair | EAB | Public | Remove-valley grading |
| 94 | Salix fragilis | Crack Willow | 52, 55, 70, 45 | 10 | | Fair-Poor | Large large multistemmed tree, many limbs broken, still alive | Public | Remove-valley grading |
| 95 | Salix fragilis | Crack Willow | 27 | 4 | | Fair | On river bank, poor form | Public | Remove-valley grading |
| 96 | Salix fragilis | Crack Willow | 28 | 4.5 | | Poor | Uprooted and fallen over, still alive | Public | Remove-valley grading |
| 97 | Salix fragilis | Crack Willow | 21, 17, 12, 13 | 5.5 | | Fair-Poor | Three large stems, one leader alive, partially uprooted | Public | Remove-valley grading |
| 98 | Salix fragilis | Crack Willow | 50 | 6 | | Poor | Fallen over, stems lying on ground, still alive | Public | Preserve |
| 99 | Fraxinus pennsylvanica | Green Ash | 36 | 2.4 | 2 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 100 | Fraxinus pennsylvanica | Green Ash | 46 | 2.4 | 2 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 263 | Prunus avium | Sweet Cherry | 14 | 2.4 | 3 | Fair | Some dead branches | Public | Preserve |
| 264 | Fraxinus pennsylvanica | Green Ash | 30 | 2.4 | 1 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 265 | Fraxinus pennsylvanica | Green Ash | 29 | 2.4 | 1 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 266 | Fraxinus pennsylvanica | Green Ash | 26 | 2.4 | 1 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Preserve |
| 267 | Fraxinus pennsylvanica | Green Ash | 25 | 2.4 | 1 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 268 | Juglans nigra | Black Walnut | 20 | 2.4 | 4 | Fair | Roots exposed due to erosion, on river bank | Public | Preserve |
| 269 | Fraxinus pennsylvanica | Green Ash | 23 | 2.4 | 2 | Poor | Heavy lean, dying, EAB | Public | Preserve |
| 270 | Fraxinus pennsylvanica | Green Ash | 23. 17 | 10 | | Poor | Two stems, almost dead, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 271 | Acer negundo | Manitoba Maple | 30 | 6 | | Poor | Trunk split due to torquing, tree likely to fail | Public | Remove-valley grading |
| 272 | Acer negundo | Manitoba Maple | 15 | 2.4 | 3 | Fair | | Public | Preserve |
| 273 | Fraxinus pennsylvanica | Green Ash | 30 | 2.4 | | Poor | Dead, EAB | Public | Preserve |
| 274 | Fraxinus pennsylvanica | Green Ash | 17 | 2.4 | 1 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Preserve |
| 275 | Fraxinus pennsylvanica | Green Ash | 27, 32 | 2.4 | | Poor | Dead, EAB | Public | Preserve |
| 276 | Acer negundo | Manitoba Maple | 13, 10 | 2.4 | 3.5 | Fair-Poor | Epicormic shoots, leaders damaged | Public | Preserve |
| 278 | Fraxinus pennsylvanica | Green Ash | 22 | 2.4 | 1 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 279 | Crataegus spp. | Hawthorn | 15, 12 | 6, 5 | | Fair | Poor form | Public | Remove-valley grading |
| 280 | Elaeagnus angustifolia | Russian Olive | 24 | 6 | | Fair | | Public | Remove-valley grading |
| 281 | Fraxinus pennsylvanica | Green Ash | 41, 3, 33, 23 | 3 | | Poor | Large 4 stemmed tree, one stem broken, almost dead, EAB | Public | Remove-valley grading |
| 283 | Fraxinus pennsylvanica | Green Ash | 35 | 2 | | Poor | Mostly dead, one limb still living, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 284 | Morus alba | White Mulberry | 19 | 3 | | Fair | | Public | Remove-valley grading |
| 285 | Morus alba | White Mulberry | 22 | 5 | | Fair | | Public | Remove-valley grading |
| 286 | Fraxinus pennsylvanica | Green Ash | 39, 32 | | | Poor | Dead | Public | Remove - culvert regrading works |
| 287 | Salix fragilis | Crack Willow | 90 | 5.4 | 10 | Fair-Poor | Many dead branches | Public | Preserve |
| 313 | Acer platanoides | Norway Maple | 30 | 2.4 | 5 | Good | | Private | Remove - development |
| 314 | Pinus nigra | Austrian Pine | 48 | 3 | 8 | Good | | Private | Remove - development |
| 315 | Pinus nigra | Austrian Pine | 38 | 2.4 | 10 | Good | | Private | Remove - development |
| 316 | Picea pungens | Blue Spruce | 32 | 2.4 | 5 | Good | | Private | Remove - development |
| 317 | Picea pungens | Blue Spruce | 30 | 2.4 | 5 | Fair | Top of tree dead | Private | Remove - development |
| 318 | Pinus nigra | Austrian Pine | 37 | 2.4 | 10 | Good | | Private | Remove - development |
| 319 | Pinus nigra | Austrian Pine | 34 | 2.4 | 12 | Good | | Private | Remove - development |
| 320 | Pinus nigra | Austrian Pine | 43 | 3 | 10 | Good | | Private | Remove - culvert regrading works |
| 321 | Fraxinus pennsylvanica | Green Ash | 13 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 323 | Fraxinus pennsylvanica | Green Ash | 6,12 | 2.40 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 324 | Fraxinus pennsylvanica | Green Ash | 17 | 2.4 | 2 | Poor | Dying, heavy grape vine, EAB | Public | Remove-valley grading |
| 325 | Malus domestica | Common Apple | 17 | 2.4 | 5 | Fair | On slope roots exposed, dead branches | Public | Remove-valley grading |
| 326 | Malus domestica | Common Apple | 14 | 2.4 | 6 | Fair | On slope roots exposed, dead branches | Public | Remove-valley grading |
| 327 | Fraxinus pennsylvanica | Green Ash | 17 | 2.4 | 6 | Poor | Dying, EAB | Public | Remove-valley grading |
| 328 | Fraxinus pennsylvanica | Green Ash | 15 | 2.4 | 5 | Poor | Dying, EAB | Public | Remove-valley grading |
| 329 | Fraxinus pennsylvanica | Green Ash | 14 | 2.4 | 3 | Poor | Dying, EAB | Public | Remove-valley grading |
| 330 | Fraxinus pennsylvanica | Green Ash | 13 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 331 | Fraxinus pennsylvanica | Green Ash | 12 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 332 | Acer negundo | Manitoba Maple | 19 | 2.4 | 5 | Fair-Good | Poor form | Public | Remove-valley grading |
| 333 | Acer negundo | Manitoba Maple | 10 | 2.4 | 6 | Fair-Good | Poor form | Public | Remove-valley grading |
| 334 | Fraxinus pennsylvanica | Green Ash | 11 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 335 | Pyrus communis | Common Pear | 20, 9, 12 | 2.4 | 6 | Fair-Poor | Very poor form, grape in crown | Public | Remove-valley grading |
| 336 | Pyrus communis | Common Pear | 13, 12, 15 | 2.4 | 6 | Fair-Poor | Very poor form, grape in crown | Public | Remove-valley grading |
| 337 | Fraxinus pennsylvanica | Green Ash | 12 | 2.4 | 4 | Poor | Dying, heavy grape vine, EAB | Public | Remove-valley grading |
| 338 | Fraxinus pennsylvanica | Green Ash | 10 | 2.4 | 3 | Poor | Dying, heavy grape vine, EAB | Private | Remove-valley grading |
| 339 | Fraxinus pennsylvanica | Green Ash | 16 | 2.4 | 6 | Poor | Dying, heavy grape vine, EAB | Public | Remove-valley grading |
| 340 | Fraxinus pennsylvanica | Green Ash | 12 | 2.4 | 6 | Poor | Dying, heavy grape vine, EAB | Public | Remove-valley grading |
| 341 | Fraxinus pennsylvanica | Green Ash | 11, 6 | 2.4 | 6 | Fair-Poor | One leader alive, dying, EAB | Public | Remove-valley grading |
| 342 | Fraxinus pennsylvanica | Green Ash | 11, 7, 8, 6 | 2.4 | 7 | Poor | One leader alive, dying, EAB | Public | Remove-valley grading |
| 343 | Fraxinus pennsylvanica | Green Ash | 12 | 2.4 | 4 | Poor | Dying, EAB, grape in crown | Public | Remove-valley grading |
| 344 | Fraxinus pennsylvanica | Green Ash | 39, 29 | 2.4 | 13 | Poor | Dying, EAB, poor form | Public | Remove-valley grading |
| 345 | Quercus macrocarpa | Bur Oak | 11 | 2.4 | 2 | Good | | Public | Remove-valley grading |
| 346 | Fraxinus pennsylvanica | Green Ash | 11 | 2.4 | 5 | Fair-Poor | Dying, EAB | Public | Remove-valley grading |
| 347 | Fraxinus pennsylvanica | Green Ash | 19, 12 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 348 | Juglans nigra | Black Walnut | 25 | 2.4 | 8 | Good | | Public | Remove-valley grading |
| 349 | Fraxinus pennsylvanica | Green Ash | 11 | 2.4 | 4 | Fair-Poor | Dying, EAB | Public | Remove-valley grading |
| 350 | Fraxinus pennsylvanica | Green Ash | 12, 12 | 2.4 | 6 | Fair-Poor | Dying, EAB | Public | Remove-valley grading |
| 351 | Fraxinus pennsylvanica | Green Ash | 10 | 2.4 | 4 | Fair-Poor | Dying, EAB | Public | Remove-valley grading |
| 352 | Tilia americana | Basswood | 13, 20, 10, 22, 22, 21 | 2.4 | 18 | Good | | Public | Remove-valley grading |
| 353 | Crataegus sp. | Hawthorn | 17, 8 | 2.4 | 6 | Fair | Poor form | Public | Remove-valley grading |
| 355 | Fraxinus pennsylvanica | Green Ash | 12 | 2.4 | 3 | Poor | Dying, EAB | Public | Remove-valley grading |
| 356 | Fraxinus pennsylvanica | Green Ash | 11 | 2.4 | 4 | Poor | Dying, EAB | Public | Remove-valley grading |
| 357 | Quercus macrocarpa | Bur Oak | 23 | 2.4 | 8 | Good | Some grape in crown | Public | Remove-valley grading |
| 358 | Crataegus sp. | Hawthorn | 16, 12 | 2.4 | 5 | Fair | Some decay evidence, poor form | Public | Remove-valley grading |
| 359 | Fraxinus pennsylvanica | Green Ash | 16 | 2.4 | 4 | Poor | Dying, EAB | Public | Remove-valley grading |
| 360 | Crataegus sp. | Hawthorn | 13, 16, 8, 12, 7 | 2.4 | 8 | Fair-Poor | Rotting at base, dead branches, poor form | Public | Remove-valley grading |
| 361 | Fraxinus pennsylvanica | Green Ash | 11 | 2.4 | 3 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 362 | Fraxinus pennsylvanica | Green Ash | 11 | 2.4 | 2 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 363 | Juglans nigra | Black Walnut | 22 | 2.4 | 8 | Good | | Public | Remove-valley grading |
| 364 | Juglans nigra | Black Walnut | 20 | 2.4 | 9 | Good | | Public | Remove-valley grading |
| 365 | Acer negundo | Manitoba Maple | 19 | 2.4 | 5 | Fair | Heavy lean | Public | Remove-valley grading |
| 366 | Fraxinus pennsylvanica | Green Ash | 13 | 2.4 | 5 | Fair-Poor | Dying, EAB | Public | Remove-valley grading |
| 367 | Fraxinus pennsylvanica | Green Ash | 12, 31 | 2.4 | 11 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 368 | Acer negundo | Manitoba Maple | 13 | 2.4 | 8 | Fair-Poor | Roots exposed due to erosion, very poor form | Public | Remove-valley grading |
| 369 | Fraxinus pennsylvanica | Green Ash | 30, 33 | 2.4 | 12 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading |
| 370 | Crataegus sp. | Hawthorn | 11 | 2.4 | 8 | Fair-Good | Heavy lean | Public | Remove-valley grading |
| 371 | Fraxinus pennsylvanica | Green Ash | 12 | 2.4 | 5 | Fair | EAB evidence | Public | Remove-Condition |
| 372 | Acer negundo | Manitoba Maple | 10 | 2.4 | 5 | Fair | Embedded in chain link fence, poor form | Public | Preserve |
| 373 | Fraxinus pennsylvanica | Green Ash | 14 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-bridge |
| 374 | Fraxinus pennsylvanica | Green Ash | 35 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-bridge |
| 375 | Crataegus sp. | Hawthorn | 12, 12 | 2.4 | 6 | Poor | Rotting at base, poor form | Public | Remove-bridge |
| 376 | Fraxinus pennsylvanica | Green Ash | 8, 13 | 2.4 | 8 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-Condition |
| 377 | Betula pendula | European White Birch | 12 | 2.4 | 3 | Good | | Public | Preserve |
| 378 | Juglans nigra | Black Walnut | 12 | 2.4 | 6 | Good | | Public | Remove-stormoutlet |
| 379 | Fraxinus pennsylvanica | Green Ash | 9, 12 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-Condition |
| 380 | Fraxinus pennsylvanica | Green Ash | 20 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Remove-Condition |
| 381 | Fraxinus pennsylvanica | Green Ash | 20 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-stormoutlet |
| 382 | Acer negundo | Manitoba Maple | 19 | 2.4 | 7 | Fair | Poor form, leaning over creek | Public | Remove-stormoutlet |
| 383 | Fraxinus pennsylvanica | Green Ash | 19 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve |
| 384 | Juglans nigra | Basswood | 27 | 2.4 | 8 | Fair-Good | Heavy grape in crown | Public | Preserve |
| 385 | Acer negundo | Manitoba Maple | 22, 15, 15, 16 | 2.4 | 8 | Poor | Mostly dead | Public | Preserve |
| 386 | Fraxinus pennsylvanica | Green Ash | 12 | 2.4 | 1 | Poor | Trunk split, dying, extensive epicormic shoots, EAB | Public | Preserve |
| 387 | Fraxinus pennsylvanica | Green Ash | 22 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve |
| 388 | Fraxinus pennsylvanica | Green Ash | 16 | 2.4 | 3 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 389 | Juglans nigra | Black Walnut | 30 | 2.4 | 10 | Fair-Poor | Large wound extending up half of the trunk, some dead branches | Public | Preserve |
| 390 | Crataegus sp. | Hawthorn | 20, 20 | 2.4 | 12 | Good | Some dead branches | Public | Preserve |
| 391 | Crataegus sp. | Hawthorn | 25, 20, 18, 16, 18 | 2.4 | 10 | Fair | Dead branches, poor form | Public | Preserve |
| 392 | Fraxinus pennsylvanica | Green Ash | 14 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve |
| 393 | Fraxinus pennsylvanica | Green Ash | 14 | 2.4 | 3 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve |
| 394 | Acer negundo | Manitoba Maple | 42 | 2.4 | 15 | Fair-Poor | Poor form, animal living in roots, dead branches | Public | Preserve |
| 395 | Acer negundo | Manitoba Maple | 12 | 2.4 | 5 | Good | | Public | Remove-bridge |
| 396 | Fraxinus pennsylvanica | Green Ash | 24 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 397 | Crataegus sp. | Hawthorn | 15, 14 | 2.4 | 6 | Fair | Poor form, dead branches | Public | Preserve |
| 398 | Fraxinus pennsylvanica | Green Ash | 17 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve |
| 400 | Fraxinus pennsylvanica | Green Ash | 20 | 2.4 | 4 | Poor | Dead | Public | Remove-bridge |
| 401 | Fraxinus pennsylvanica | Green Ash | 27, 23 | 2.4 | 8 | Poor | Dead | Public | Remove-bridge |
| 402 | Juglans nigra | Black Walnut | 32 | 2.4 | 9 | Good | | Public | Remove-bridge |
| 403 | Crataegus sp. | Hawthorn | 19 | 2.4 | 10 | Fair | Many dead branches | Public | Remove-bridge |
| 404 | Juglans nigra | Black Walnut | 15, 16 | 2.4 | 3 | Poor | Dead | Public | Preserve |
| 405 | Juglans nigra | Black Walnut | 43 | 2.4 | 10 | Fair-Poor | Half of tree dead | Public | Preserve |
| 406 | Juglans nigra | Black Walnut | 22 | 2.4 | 6 | Poor | Cracked at base, dying | Public | Preserve |
| 407 | Juglans nigra | Black Walnut | 19 | 2.4 | 5 | Poor | Top broken, cracks throughout trunk | Public | Preserve |
| 408 | Fraxinus pennsylvanica | Green Ash | 36, 34, 24 | 2.4 | 14 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 409 | Fraxinus pennsylvanica | Green Ash | 37, 38 | 2.4 | 18 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 410 | Acer negundo | Manitoba Maple | 17 | 2.4 | 10 | Fair-Poor | Rotting at base | Public | Preserve |
| 411 | Juglans nigra | Black Walnut | 24 | 2.4 | 12 | Fair-Good | Large girdling root | Public | Preserve |
| 412 | Acer negundo | Manitoba Maple | 13 | 2.4 | 8 | Fair | Poor form | Public | Preserve |
| 413 | Salix fragilis | Crack Willow | 26 | 2.4 | 5 | Fair-Good | Leaning | Public | Preserve |
| 414 | Salix fragilis | Crack Willow | 41 | 3 | 10 | Fair-Good | Leaning | Public | Preserve |
| 415 | Fraxinus pennsylvanica | Green Ash | 19 | 2.4 | 2 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve |
| 416 | Fraxinus pennsylvanica | Green Ash | 16 | 2.4 | 6 | Poor | | Public | Preserve |
| 417 | Acer negundo | Manitoba Maple | 16 | 2.4 | 5 | Fair | Leaning, roots exposed due to erosion | Public | Preserve |
| 418 | Fraxinus pennsylvanica | Green Ash | 12 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 419 | Fraxinus pennsylvanica | Green Ash | 10 | 2.4 | 3 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 420 | Crataegus sp. | Hawthorn | 15 | 2.4 | 5 | Fair-Good | Dead branches | Public | Preserve |
| 421 | Crataegus sp. | Hawthorn | 14, 19, 12 | 2.4 | 6 | Fair | Dead branches, poor form | Public | Preserve |
| 422 | Crataegus sp. | Hawthorn | 15, 12 | 2.4 | 6 | Fair | Dead branches | Public | Preserve |
| 423 | Fraxinus pennsylvanica | Green Ash | 10 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 424 | Ostrya virginiana | Ironwood | 23, 12 | 2.4 | 12 | Fair | Main leader dead and broken, lower branches show good vigour | Public | Preserve |
| 425 | Ulmus americana | American Elm | 10 | 2.4 | 4 | Good | | Public | Preserve |
| 426 | Crataegus sp. | Hawthorn | 13 | 2.4 | 5 | Fair | Dead branches | Public | Preserve |
| 427 | Crataegus sp. | Hawthorn | 13 | 2.4 | 4 | Fair-Poor | Many dead branches | Public | Preserve |
| 428 | Fraxinus pennsylvanica | Green Ash | 18 | 2.4 | 5 | Poor | Dying | Public | Preserve |
| 429 | Crataegus sp. | Hawthorn | 14 | 2.4 | 6 | Good | | Public | Preserve |
| 430 | Fraxinus pennsylvanica | Green Ash | 12, 17 | 2.4 | 7 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 431 | Juglans nigra | Black Walnut | 11 | 2.4 | 4 | Fair | Roots exposed due to erosion | Public | Preserve |
| 432 | Juglans nigra | Black Walnut | 32 | 2.4 | 8 | Good | | Public | Preserve |
| 433 | Ostrya virginiana | Ironwood | 27 | 2.4 | 8 | Fair | Main leader dead and broken, lower branches show good vigour, exposed roots due to erosion | Public | Preserve |
| 434 | Fraxinus pennsylvanica | Green Ash | 14 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 435 | Tilia americana | Basswood | 37, 9, 9 | 2.4 | 15 | Fair | Many dead branches | Public | Preserve |
| 436 | Ostrya virginiana | Ironwood | 17, 17 | 2.4 | 10 | Fair | Exposed roots due to erosion | Public | Preserve |
| 437 | Crataegus sp. | Hawthorn | 25 | 2.4 | 5 | Fair-Good | Dead branches | Public | Preserve |
| 438 | Crataegus sp. | Hawthorn | 12, 15, 13 | 2.4 | 6 | Fair-Good | Dead branches | Public | Preserve |
| 439 | Crataegus sp. | Hawthorn | 14, 12, 10 | 2.4 | 7 | Fair-Good | Dead branches | Public | Preserve |
| 440 | Crataegus sp. | Hawthorn | 10, 10, 8 | 2.4 | 5 | Fair | Dead branches, poor form | Public | Preserve |
| 441 | Fraxinus pennsylvanica | Green Ash | 13 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 442 | Fraxinus pennsylvanica | Green Ash | 16, 17 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 443 | Ostrya virginiana | Ironwood | 18 | 2.4 | 8 | Fair-Good | Roots exposed due to erosion | Public | Preserve |
| 444 | Crataegus sp. | Hawthorn | 12, 9, 12 | 2.4 | 6 | Fair | Dead branches, poor form | Public | Preserve |
| 445 | Fraxinus pennsylvanica | Green Ash | 24, 25 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 446 | Fraxinus pennsylvanica | Green Ash | 13 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 447 | Fraxinus pennsylvanica | Green Ash | 13 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 448 | Fraxinus pennsylvanica | Green Ash | 11 | 2.4 | 3 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve |
| 449 | Fraxinus pennsylvanica | Green Ash | 12 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 450 | Quercus macrocarpa | Bur Oak | 17 | 2.4 | 5 | Good | | Public | Preserve |
| 451 | Crataegus sp. | Hawthorn | 13, 14 | 2.4 | 4 | Fair | Poor form, dead branches | Public | Preserve |
| 452 | Fraxinus pennsylvanica | Green Ash | 12 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve |
| 453 | Fraxinus pennsylvanica | Green Ash | 19 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 454 | Fraxinus pennsylvanica | Green Ash | 11 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 455 | Salix fragilis | Crack Willow | 20, 25 | 2.4 | 6 | Poor | Fallen over, still alive | Public | Remove - culvert regrading works |
| 456 | Juglans nigra | Black Walnut | 12 | 2.4 | 5 | Good | | Public | Preserve |
| 457 | Fraxinus pennsylvanica | Green Ash | 14 | 2.4 | 2 | Poor | Leader broken, dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 458 | Elaeagnus angustifolia | Russian Olive | 12 | 2.4 | 4 | Poor | Dead | Public | Preserve |
| 459 | Crataegus sp. | Hawthorn | 14, 8, 8, 6 | 2.4 | 6 | Fair-Good | Dead branches, poor form | Public | Preserve |
| 460 | Fraxinus pennsylvanica | Green Ash | 16 | 2.4 | 5 | Poor | Leader broken, dying, extensive epicormic shoots, EAB | Public | Remove |
| 461 | Acer platanoides | Norway Maple | 27 | 2.4 | 8 | Good | | Private | Remove - development |
| 462 | Picea pungens | Blue Spruce | 12 | 2.4 | 3 | Fair | Lower branches yellowing | Private | Remove-valley grading |
| 463 | Picea pungens | Blue Spruce | 15 | 2.4 | 4 | Fair-Good | Planted high, leaning | Private | Remove-valley grading |
| 464 | Picea pungens | Blue Spruce | 12 | 2.4 | 4 | Fair-Good | Planted high, leaning | Private | Remove-valley grading |
| 465 | Fraxinus excelsior | European Ash | 16 | 2.4 | 6 | Fair-Good | Some cracks at base of trunk | Private | Remove - development |
| 466 | Picea glauca | White Spruce | 17 | 2.4 | 5 | Good | | Private | Remove - development |
| 467 | Fraxinus excelsior | European Ash | 24 | 2.4 | 8 | Good | | Private | Remove - development |
| 468 | Picea glauca | White Spruce | 17 | 2.4 | 5 | Good | Roots exposed | Private | Remove - development |
| 469 | Picea glauca | White Spruce | 15 | 2.4 | 5 | Good | Roots exposed | Private | Remove - development |
| 470 | Pyrus calleryana "Chanticleer" | Chanticleer Pear | 17 | 2.4 | 5 | Fair-Good | Main leader damaged | Private | Remove - development |
| 471 | Fraxinus pennsylvanica | Green Ash | 21 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Private | Remove - development |
| 472 | Picea pungens | Blue Spruce | 17 | 2.4 | 4 | Fair-Good | Leaning | Private | Remove - development |
| 473 | Picea pungens | Blue Spruce | 18 | 2.4 | 5 | Good | | Private | Remove - development |
| 474 | Pyrus calleryana "Chanticleer" | Chanticleer Pear | 12 | 2.4 | 4 | Fair | Trunk choked by guy wires | Private | Remove - development |
| 475 | Pyrus calleryana "Chanticleer" | Chanticleer Pear | 13 | 2.4 | 4 | Good | | Private | Remove - development |
| 476 | Pyrus calleryana "Chanticleer" | Chanticleer Pear | 15 | 2.4 | 5 | Good | | Private | Remove - development |
| 477 | Picea pungens | Blue Spruce | 20 | 2.4 | 5 | Good | | Private | Remove - development |
| 478 | Picea pungens | Blue Spruce | 10 | 2.4 | 3 | Fair | Trunk choked by guy wires, lower branches browning | Public - in ROW | Remove - development |
| 479 | Picea pungens | Blue Spruce | 21 | 2.4 | 5 | Fair-Good | Lower branches thin and yellowing | Private | Remove - development |
| 480 | Picea pungens | Blue Spruce | 16 | 2.4 | 4 | Fair | Leaning, planted high, thinning | Private | Remove - development |
| 481 | Pinus nigra | Austrian Pine | 37 | 2.4 | 10 | Good | One-sided canopy | Private | Remove - development |
| 482 | Tilia cordata | Little Leaf Linden | 22 | 2.4 | 9 | Fair-Good | Girdling roots at base | Private | Remove - development |
| 483 | Tilia cordata | Little Leaf Linden | 18 | 2.4 | 6 | Fair-Poor | Trunk damaged at base, thinning | Private | Remove - development |
| 484 | Acer saccharinum | Silver Maple | 18, 14, 4 | 2.4 | 10 | Fair | Weak branch connections, dead branches | Private | Remove - development |
| 485 | Acer saccharinum | Silver Maple | 19, 20, 12 | 2.4 | 12 | Fair | Weak branch connections, included bark, dead branches | Private | Remove - development |
| 486 | Acer saccharinum | Silver Maple | 25 | 2.4 | 13 | Good | | Private | Remove - development |
| 487 | Acer saccharinum | Silver Maple | 14 | 2.4 | 6 | Poor | Trunk heavily damaged and cracked throughout tree | Private | Remove - development |
| 488 | Picea pungens | Blue Spruce | 29 | 2.4 | 7 | Good | | Private | Remove - development |
| 489 | Picea pungens | Blue Spruce | 29 | 2.4 | 5 | Good | Bottom limbs removed up to half of tree's height | Private | Remove - development |
| 490 | Picea pungens | Blue Spruce | 22 | 2.4 | 6 | Fair-Good | Lower branches removed, yellowing needles | Private | Remove - development |
| 491 | Picea pungens | Blue Spruce | 26 | 2.4 | 6 | Good | | Private | Remove - development |
| 492 | Acer saccharinum | Silver Maple | 17, 19, 15, 16, 17, 15 | 2.4 | 16 | Fair-Good | Weak branch connections, included bark, dead branches, exposed roots | Private | Remove - development |
| 493 | Picea pungens | Blue Spruce | 21 | 2.4 | 5 | Good | Lower branches removed | Private | Remove - development |
| 494 | Pinus nigra | Austrian Pine | 30 | 2.4 | 12 | Fair-Good | Some dead branches | Private | Remove - development |
| 495 | Acer platanoides | Norway Maple | 36 | 2.4 | 16 | Good | Some dead branches, exposed roots | Private | Remove - development |
| 496 | Pinus nigra | Austrian Pine | 32 | 2.4 | 10 | Fair-Good | Girdling roots, some dead branches | Private | Remove - development |
| 497 | Pinus nigra | Austrian Pine | 31 | 2.4 | 10 | Fair | Thinning, dead branches, yellowing needles | Private | Remove - development |
| 498 | Picea pungens | Blue Spruce | 36 | 2.4 | 6 | Good | Lower branches removed | Private | Remove - development |
| 499 | Picea pungens | Blue Spruce | 21 | 2.4 | 5 | Good | Lower branches removed | Private | Remove - development |
| 500 | Acer saccharinum | Silver Maple | 16 | 2.4 | 8 | Fair | Weak branch connections, included bark, trunk damaged, epicormic shoots present | Private | Remove - development |
| 501 | Picea pungens | Blue Spruce | 22 | 2.4 | 4 | Fair-Good | Some dead branches | Private | Remove - development |
| 502 | Acer platanoides | Norway Maple | 29 | 2.4 | 13 | Good | | Private | Remove - development |
| 503 | Acer platanoides | Norway Maple | 20 | 2.4 | 10 | Fair | Girdling roots, large wound in trunk | Private | Remove - development |
| 504 | Acer platanoides | Norway Maple | 17 | 2.4 | 9 | Fair | Exposed and girdling roots | Private | Remove - development |
| 505 | Gleditsia triacanthos var. inermis | Thornless Honey Locust | 38 | 2.4 | 18 | Good | | Private | Remove - development |
| 506 | Pinus nigra | Austrian Pine | 29 | 2.4 | 8 | Fair | Leaning, dead branches, exposed roots | Private | Remove - development |
| 507 | Pinus nigra | Austrian Pine | 25 | 2.4 | 6 | Fair | Canopy one sided, girdling roots | Private | Remove - development |
| 508 | Pinus nigra | Austrian Pine | 35 | 2.4 | 7 | Good | | Private | Remove - development |
| 509 | Pinus nigra | Austrian Pine | 24 | 2.4 | 8 | Fair-Good | Dead branches | Private | Remove - development |
| 510 | Acer platanoides | Norway Maple | 30 | 2.4 | 12 | Good | | Private | Remove - development |
| 511 | Picea pungens | Blue Spruce | 17 | 2.4 | 4 | Fair-Good | Canopy one sided | Private | Remove - development |
| 512 | Picea pungens | Blue Spruce | 19 | 2.4 | 4 | Fair-Good | Canopy one sided | Private | Remove - development |
| 513 | Picea pungens | Blue Spruce | 21 | 2.4 | 4 | Fair-Good | Lower branches shaded, some removed | Private | Remove - development |
| 514 | Picea pungens | Blue Spruce | 17 | 2.4 | 5 | Fair-Good | Lower branches shaded, some removed | Private | Remove - development |
| 515 | Picea pungens | Blue Spruce | 20 | 2.4 | 5 | Fair-Good | Lower branches shaded, some removed | Private | Remove - development |
| 516 | Picea pungens | Blue Spruce | 32 | 2.4 | 8 | Good | Lower branches removed | Private | Remove - development |
| 517 | Picea pungens | Blue Spruce | 21 | 2.4 | 5 | Good | Lower branches removed | Private | Remove - development |
| 518 | Picea pungens | Blue Spruce | 31 | 2.4 | 8 | Good | Lower branches removed | Private | Remove - development |
| 519 | Populus deltoides | Cottonwood | 37 | 2.4 | 10 | Fair-Good | Many dead branches, growing directly adjacent to chain link fence | Private | Remove - development |
| 520 | Picea pungens | Blue Spruce | 19 | 2.4 | 6 | Good | | Private | Remove - development |
| 521 | Picea pungens | Blue Spruce | 17 | 2.4 | 4 | Fair-Good | Thinning, yellowing needles | Private | Remove - development |
| 522 | Picea pungens | Blue Spruce | 20 | 2.4 | 5 | Good | | Private | Remove - development |
| 523 | Pyrus calleryana "Chanticleer" | Chanticleer Pear | 13 | 2.4 | 4 | Good | | Private | Remove - development |
| 524 | Pyrus calleryana "Chanticleer" | Chanticleer Pear | 14 | 2.4 | 5 | Fair-Good | Wound in trunk, healing | Private | Remove - development |
| 525 | Acer x freemanii | Freeman's Maple | 16 | 2.4 | 6 | Good | | Private | Remove - development |
| 526 | Syringa reticulata "Ivory Silk" | Japanese Tree Lilac | 23 | 2.4 | 6 | Good | | Private | Remove - development |
| 527 | Syringa reticulata "Ivory Silk" | Japanese Tree Lilac | 22 | 2.4 | 5 | Fair-Good | Dead branches | Private | Remove - development |
| 528 | Acer x freemanii | Freeman's Maple | 15 | 2.4 | 5 | Good | | Private | Remove - development |
| 529 | Acer x freemanii | Freeman's Maple | 17 | 2.4 | 6 | Good | | Private | Remove - development |
| 530 | Acer x freemanii | Freeman's Maple | 12 | 2.4 | 4 | Fair-Good | Girdling roots | Private | Remove - development |
| 531 | Populus deltoides | Cottonwood | 20, 26 | 2.4 | 8 | Fair-Good | Many dead branches | Private | Remove - development |
| 532 | Populus deltoides | Cottonwood | 17 | 2.4 | 3 | Poor | Mostly dead | Private | Remove - development |
| 533 | Populus deltoides | Cottonwood | 24 | 2.4 | 5 | Poor | Mostly dead | Private | Remove - development |
| 534 | Fraxinus pennsylvanica | Green Ash | 15 | 2.4 | 4 | Poor | Dead | Private | Remove - development |
| 535 | Populus deltoides | Cottonwood | 25 | 2.4 | 7 | Fair | Many dead branches and epicormic shoots | Private | Remove - development |
| 536 | Pinus strobus | White Pine | 14 | 2.4 | 6 | Good | | Private | Remove - development |
| 537 | Juglans nigra | Black Walnut | 18, 5 | 2.4 | 12 | Fair-Good | Dead branches | Private | Remove - development |
| 538 | Juglans nigra | Black Walnut | 16, 15 | 2.4 | 12 | Fair-Good | Dead branches | Private | Remove - development |
| 539 | Juglans nigra | Black Walnut | 26 | 2.4 | 12 | Good | | Private | Remove - development |
| 540 | Pinus strobus | White Pine | 11 | 2.4 | 4 | Fair-Good | Some yellowing needles | Private | Remove - development |
| 541 | Pinus strobus | White Pine | 11 | 2.4 | 6 | Fair-Good | Some yellowing needles | Private | Remove - development |
| 542 | Pinus strobus | White Pine | 12 | 2.4 | 5 | Good | | Private | Remove - development |
| 543 | Acer saccharinum | Silver Maple | 15 | 2.4 | 6 | Fair-Good | Poor form, weak branch connections | Private | Remove - development |
| 544 | Acer saccharinum | Silver Maple | 20, 20, 11 | 2.4 | 15 | Fair-Good | Dead branches, and minor wounds in bark | Private | Remove - development |
| 545 | Juglans nigra | Black Walnut | 19 | 2.4 | 8 | Good | | Private | Remove - development |
| 546 | Quercus rubra | Red Oak | 13 | 2.4 | 4 | Good | | Private | Remove - development |
| 547 | Acer saccharinum | Silver Maple | 15, 15 | 2.4 | 15 | Fair | Dead branches, weak branch connections, poor form | Private | Remove - development |
| 548 | Acer saccharinum | Silver Maple | 18, 14, 20 | 2.4 | 18 | Fair | | Private | Remove - development |
| 549 | Quercus rubra | Red Oak | 11 | 2.4 | 6 | Good | | Private | Remove - development |
| 550 | Pinus strobus | White Pine | 12 | 2.4 | 6 | Good | | Private | Remove - development |
| 551 | Pinus strobus | White Pine | 11 | 2.4 | 5 | Good | | Private | Remove - development |
| 552 | Acer saccharinum | Silver Maple | 21, 13, 9 | 2.4 | 12 | Fair-Good | Some dead branches, poor form | Private | Remove - development |
| 553 | Quercus rubra | Red Oak | 16 | 2.4 | 6 | Good | | Private | Remove - development |
| 554 | Quercus rubra | Red Oak | 21 | 2.4 | 10 | Good | Large compartmentalized wound at base | Private | Remove - development |
| 555 | Quercus rubra | Red Oak | 14 | 2.4 | 8 | Good | | Private | Remove - development |
| 556 | Pinus strobus | White Pine | 15 | 2.4 | 5 | Good | | Private | Remove - development |
| 557 | Pinus strobus | White Pine | 13 | 2.4 | 6 | Good | | Private | Remove - development |
| 558 | Fraxinus pennsylvanica | Green Ash | 14, 13, 16 | 2.4 | 8 | Poor | Dying, extensive epicormic shoots | Private | Remove - development |
| 559 | Fraxinus pennsylvanica | Green Ash | 11, 15, 16, 13 | 2.4 | 8 | Poor | Dying, extensive epicormic shoots | Private | Remove - development |
| 560 | Juglans nigra | Black Walnut | 10, 8 | 2.4 | 8 | Good | | Private | Remove - development |
| 561 | Quercus alba | White Oak | 101 | 6 | 22 | Good | On property line, chain link fence against trunk | Private | Remove - development |
| 562 | Gleditsia triacanthos var. inermis | Honey Locust | 21 | 2.4 | 11 | Good | | Private | Remove - development |
| 563 | Gleditsia triacanthos var. inermis | Honey Locust | 29 | 2.4 | 14 | Good | | Private | Remove - development |
| 564 | Picea pungens | Blue Spruce | 19 | 2.4 | 3 | Good | | Private | Remove - development |
| 565 | Picea pungens | Blue Spruce | 20 | 2.4 | 5 | Fair-Good | Large wound in trunk | Private | Remove - development |
| 566 | Pinus nigra | Austrian Pine | 30 | 2.4 | 16 | Good | | Private | Remove - development |
| 567 | Pinus nigra | Austrian Pine | 30 | 2.4 | 12 | Fair-Good | Canopy one sided | Private | Remove - development |
| 568 | Pinus nigra | Austrian Pine | 27 | 2.4 | 8 | Fair-Good | Canopy one sided | Private | Remove - development |
| 569 | Robinia pseudoacacia | Black Locust | 20 | 2.4 | 7 | Fair-Good | Dead branches | Private | Remove - development |
| 570 | Robinia pseudoacacia | Black Locust | 14 | 2.4 | 6 | Fair-Good | Dead branches | Private | Remove - development |
| 571 | Robinia pseudoacacia | Black Locust | 34 | 2.4 | 9 | Good | | Private | Remove - development |
| 572 | Populus deltoides | Cottonwood | 50 | 3 | 15 | Fair | Large wound in trunk, dead branches | Private | Remove - development |
| 573 | Robinia pseudoacacia | Black Locust | 14, 20 | 2.4 | 8 | Fair-Good | Some dead branches | Private | Remove - development |
| 574 | Robinia pseudoacacia | Black Locust | 35 | 2.4 | 8 | Fair-Good | Some dead branches | Private | Remove - development |
| 575 | Robinia pseudoacacia | Black Locust | 24 | 2.4 | 7 | Fair-Good | Some dead branches | Private | Remove - development |
| 576 | Picea pungens | Blue Spruce | 24 | 2.4 | 5 | Good | | Private | Remove - development |
| 577 | Picea pungens | Blue Spruce | 18 | 2.4 | 4 | Good | | Private | Remove - development |
| 578 | Picea pungens | Blue Spruce | 28 | 2.4 | 5 | Good | | Private | Remove - development |
| 579 | Populus deltoides | Cottonwood | 33 | 2.4 | 7 | Poor | Mostly dead | Private | Remove - development |
| 580 | Populus deltoides | Cottonwood | 34 | 2.4 | 9 | Poor | Mostly dead | Private | Remove - development |
| 581 | Robinia pseudoacacia | Black Locust | 26 | 2.4 | 8 | Fair-Good | Some dead branches | Private | Remove - development |
| 582 | Acer platanoides | Norway Maple | 23 | 2.4 | 10 | Fair-Good | Some cracks in trunk, within ROW | Public - ROW | Remove - development |
| 943 | Pinus nigra | Austrian Pine | 36 | 2.4 | 7.5 | Good | | Private | Remove - development |
| 944 | Pinus nigra | Austrian Pine | 37 | 2.4 | 7.5 | Good | | Private | Remove - development |
| 945 | Pinus nigra | Austrian Pine | 44 | 2.4 | 8 | Good | | Private | Remove - development |
| 946 | Fraxinus pennsylvanica | Green Ash | 15 | 2.4 | 1 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 947 | Fraxinus pennsylvanica | Green Ash | 18 | 2.4 | 1 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 948 | Fraxinus pennsylvanica | Green Ash | 15 | 2.4 | 1 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 949 | Fraxinus pennsylvanica | Green Ash | 9 | 2.4 | 2 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 950 | Fraxinus pennsylvanica | Green Ash | 10, 10 | 2.4 | 3 | Fair-Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 951 | Prunus avium | Sweet Cherry | 14 | 2.4 | 3 | Good | | Public | Remove - culvert regrading works |
| 954 | Fraxinus pennsylvanica | Green Ash | 11 | 2.4 | 2.5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 955 | Fraxinus pennsylvanica | Green Ash | 11 | 2.4 | 2 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works |
| 956 | Tilia cordata | Little Leaf Linden | 21, 18 | 2.4 | 4 | Fair | Poor form, grape in crown | Public | Remove - culvert regrading works |

**Tree Protection and Preservation**
**Specification No.: SS12A**

**Detail TP-1 – Tree Protection Detail.**




| Trunk Diameter (DBH) [2] | Minimum Tree Protection Zone (MTPZ) Distances Required [3] | Critical Root Zone (CRZ) Distances Required [3&4] |
|---|---|---|
| < 10 cm | 1.8 m | 1.8 m |
| 11 - 40 cm | 2.4 m | 4.0 m |
| 41 - 50 cm | 3.0 m | 5.0 m |
| 51 - 60 cm | 3.6 m | 6.0 m |
| 61 - 70 cm | 4.2 m | 7.0 m |
| 71 - 80 cm | 4.8 m | 8.0 m |
| 81 - 90 cm | 5.4 m | 9.0 m |
| 91 - 100+ cm | 6.0 m | 10.0 m |

NOTES:

[1] The roots of a tree can extend from the trunk to approximately 2-3 times the distance of the drip line.
[2] Diameter at breast height (DBH) is the measurement of tree trunk taken at 1.4 metres above ground.
[3] Minimum Tree Protection Zone and Critical Root Zone distances are to be measured from the outside edge of the tree base towards the drip line and may be limited by an existing paved surface, provided the existing paved surface remains intact throughout the construction work and is subject to Section 6 of this specification.
[4] Where work is being performed beyond the Minimum Tree Protection Zone but within the Critical Root Zone the works are subject to Section 8 of this specification.

**TREE PROTECTION BARRIER**

1. The required barrier is a 1.2 metre (4 ft) high orange plastic web snow fencing on 2" x 4" frame. Where orange plastic web snow fencing creates a restriction to sightlines, page wire fencing with reflective tape can be used.
2. Tree protection barriers are to be erected prior to the commencement of any construction or grading activities on the site and are to remain in place throughout the entire duration of the project. The barriers shall be maintained erect and in good repair throughout the duration of construction operations with breaks and unsupported sections repaired immediately. Tree protection may be not be removed prior to the completion of construction without written authorization from the Manager of Urban Forestry or designate.
3. All supports and bracing used to safely secure the barrier should be located outside the MTPZ. All supports and bracing should minimize damage to roots.
4. Where some fill or excavated material must be temporarily located near a MTPZ, a wooden barrier with silt fencing must be used to ensure no material enters the MTPZ.
5. No materials or fill may be stored within the MTPZ.
6. Equipment or vehicles shall not be operated, parked, repaired, or refueled within the MTPZ.
7. No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the MTPZ without written authorization from the Manager of Urban Forestry or designate.
8. A laminated Minimum Tree Protection Zone sign (See Detail TP-3 – Minimum Tree Protection Zone Sign) must be attached to the side of the Tree Protection where it will be visible by persons entering the site. Minimum size must be 10"x14".



Tree Protection and Preservation Specification No.: SS12A

Burlington

**TREE PROTECTION ZONE (TPZ)**

No equipment or vehicles shall be operated, parked, repaired or refueled within the Tree Protection Zone.

No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.

No materials or fill may be stored within the Tree Protection Zone.

This tree protection barrier must not be removed prior to the completion of construction without written authorization from the City of Burlington, Urban Forestry Department.

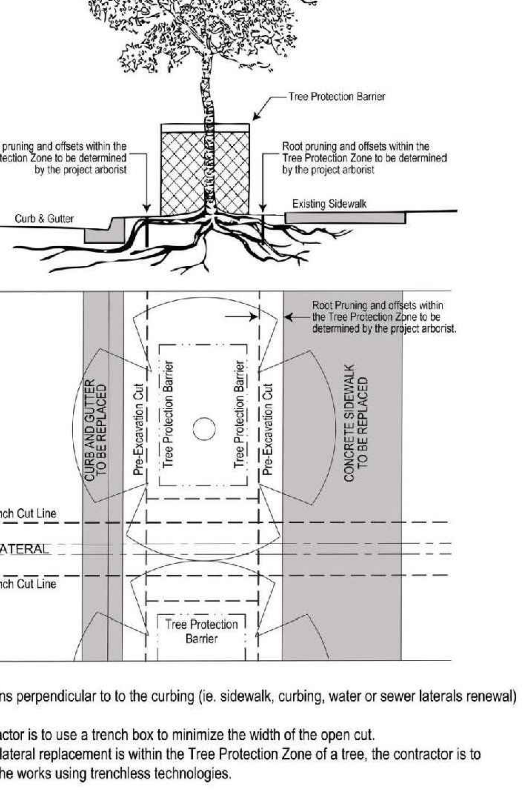
*For information, contact:*
*City of Burlington, Development and Infrastructure Division,*
*905-335-7642.*

Detail TP-3 – Minimum Tree Protection Zone Sign



**Tree Protection and Preservation**
**Specification No.: SS12A**

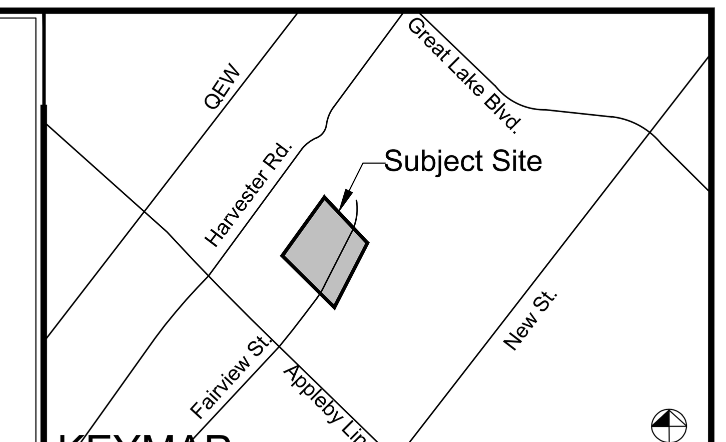
**Detail TP-2 – Root Pruning Detail**




**NOTE:**
For excavations perpendicular to to the curbing (ie. sidewalk, curbing, water or sewer laterals renewal)

(a) The contractor is to use a trench box to minimize the width of the open cut.
(b) When the lateral replacement is within the Tree Protection Zone of a tree, the contractor is to complete the works using trenchless technologies.






Notes: Scale shown is for an 36" x 24" page.
For illustrative purposes. Do not scale

| Nº | REVISIONS | DATE: | BY: |
|---|---|---|---|
| 6 | | | |
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | ISSUED FOR OLT SETTLEMENT OFFER | 2023/03/15 | TS |
| 1 | ISSUED FOR OPA/ZBA | 2021/04/09 | NC |

SCALE

NORTH ARROW

CERTIFIED ARBORIST ISA
NATASHA COLLINS
#ON-2127A


BEACON ENVIRONMENTAL
GUELPH OFFICE
373 WOOLWICH ST,
GUELPH, ON N1H 3W4
T) 519.826.0419
519.826.9306
www.beaconenviro.com


CLIENT
BRANTHAVEN DEVELOPMENT CORP.

PROJECT
720, 735, 740 OVAL COURT AND 5135, 5155 FAIRVIEW STREET

SHEET TITLE
TREE INVENTORY AND TREE PROTECTION DETAILS

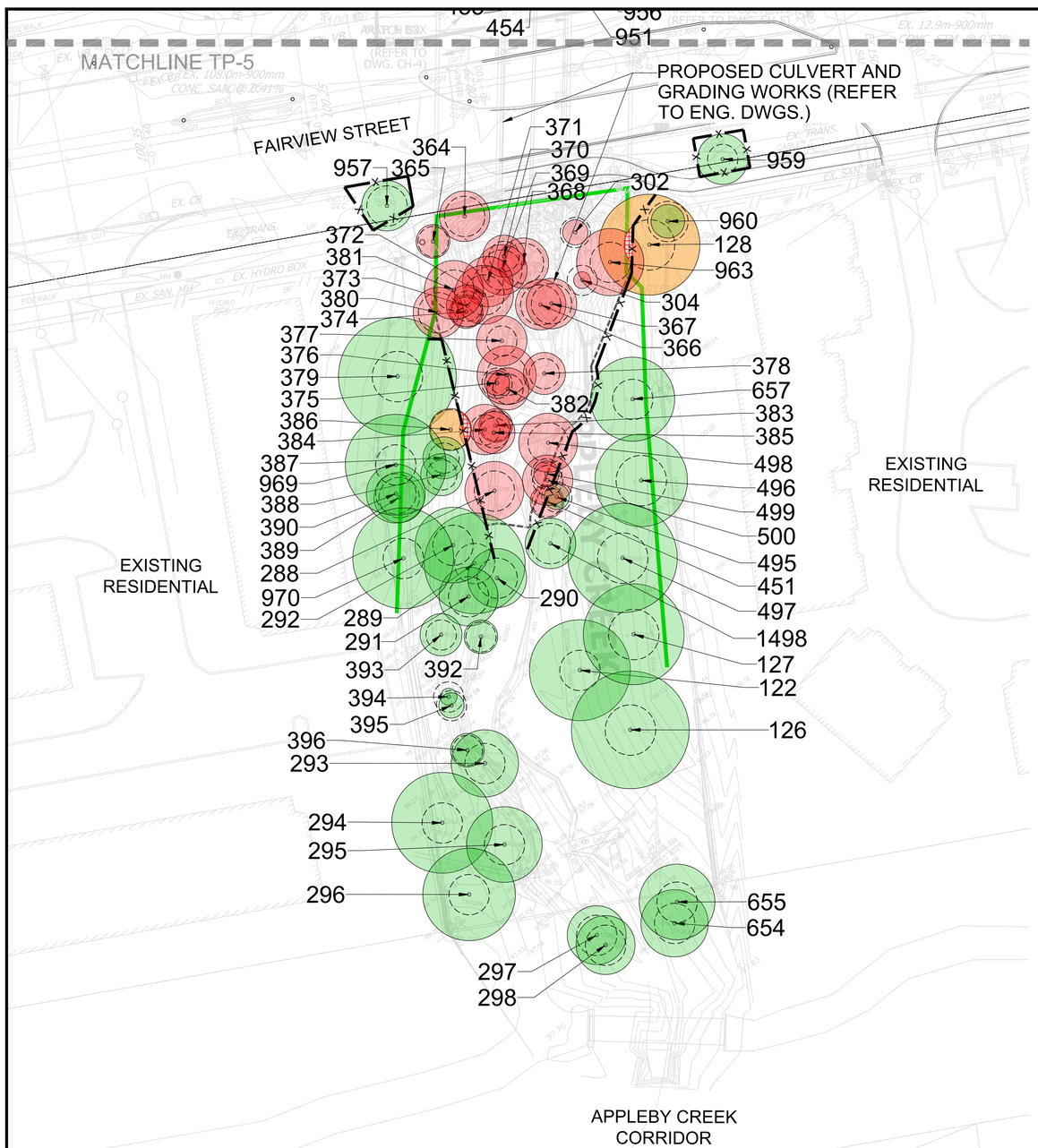
PROJECT Nº: 218416

DRAWN BY: NC

CHECKED BY: --

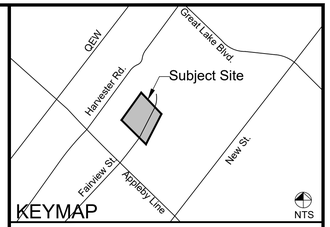
DATE: 16 March 2023

FIGURE Nº: TP-6




TREE INVENTORY (SHEET TP-7 ONLY)

| Tag No. | Scientific Name | Common Name | DBH (cm) | TPZ | Crown Diameter (m) | Condition | Comments | Ownership | Recommendation |
|---|---|---|---|---|---|---|---|---|---|
| 122 | *Juglans nigra* | Black Walnut | 34, 11, 10 (37) | 2.4 | 12 | Good | Good form and vigour; Stems fork below breast height; Included bark. | Public | Preserve |
| 126 | *Gleditsia triacanthos* | Honey Locust | 50 | 3 | 14 | Fair-Good | Good form and vigour; Minor dieback and thinning; Stems fork above breast height; Included bark. | Public | Preserve |
| 127 | *Gleditsia triacanthos* | Honey Locust | 43 | 3 | 12 | Good | Good form and vigour; Good root flare. | Public | Preserve |
| 128 | *Acer platanoides* | Norway Maple | 41 | 3 | 12 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve with Injury [19% incursion] |
| 288 | *Fraxinus pennsylvanica* | Green Ash | 16 | 2.4 | 7 | Poor | Almost dead; Significant dieback and thinning; Evidence of EAB infestation. | Public | Remove - culvert regrading works |
| 289 | *Juglans nigra* | Black Walnut | 32 | 2.4 | 12 | Good | Good form and vigour. | Public | Preserve |
| 290 | *Juglans nigra* | Black Walnut | 24 | 2.4 | 7 | Good | Good form and vigour. | Public | Preserve |
| 291 | *Juglans nigra* | Black Walnut | 22 | 2.4 | 7 | Good | Good vigour. | Public | Preserve |
| 292 | *Acer negundo* | Manitoba Maple | 15, 17, 23 (37) | 2.4 | 9 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 293 | *Ulmus americana* | White Elm | 19 | 2.4 | 8 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 294 | *Acer platanoides* | Norway Maple | 35 | 2.4 | 12 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 295 | *Juglans nigra* | Black Walnut | 28 | 2.4 | 9 | Good | Good form and vigour. | Public | Preserve |
| 296 | *Acer negundo* | Manitoba Maple | 33 | 2.4 | 11 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 297 | *Fraxinus pennsylvanica* | Green Ash | 15, 10, 5, 7 (20) | 2.4 | 7 | Poor | Significant dieback and thinning; Stems fork at ground; Included bark; Evidence of EAB infestation. | Public | Preserve |
| 298 | *Acer saccharinum* | Silver Maple | 17, 5 (18) | 2.4 | 7 | Fair-Good | Good form and vigour; Minor dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 302 | *Fraxinus pennsylvanica* | Green Ash | 8, 2, 1, 1 (8) | 1.8 | 3 | Fair | Good vigour; Moderate dieback and thinning; Stems fork at ground; Included bark. | Public | Remove - culvert regrading works |
| 304 | *Fraxinus pennsylvanica* | Green Ash | 8 | 1.8 | 2 | Fair | Good form; Moderate dieback and thinning. | Public | Remove - culvert regrading works |
| 364 | *Juglans nigra* | Black Walnut | 11 | 2.4 | 6 | Good | Good form and vigour | Municipal Road Allowance | Remove - culvert regrading works |
| 365 | *Juglans nigra* | Black Walnut | 8 | 1.8 | 4 | Good | Good form and vigour | Municipal Road Allowance | Remove - culvert regrading works |
| 366 | *Salix x fragilis* | Crack Willow | 16 | 2.4 | 6 | Fair-Good | Good vigour; Minor dieback and thinning; Slight lean towards the north west. | Public | Remove - culvert regrading works |
| 367 | *Salix x fragilis* | Crack Willow | 17 | 2.4 | 6 | Fair | Good vigour; Moderate dieback and thinning. | Public | Remove - culvert regrading works |
| 368 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 6 | Fair | Good form; Moderate dieback and thinning; Peeling bark. | Public | Remove - culvert regrading works |
| 369 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 6 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Remove - culvert regrading works |
| 370 | *Salix x fragilis* | Crack Willow | 8 | 1.8 | 5 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Remove - culvert regrading works |
| 371 | *Fraxinus pennsylvanica* | Green Ash | 9, 4 (9) | 1.8 | 6 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork at ground; Included bark. | Public | Remove - culvert regrading works |
| 372 | *Fraxinus pennsylvanica* | Green Ash | 4, 3, 6, 7, 6, 2 (12) | 2.4 | 7 | Fair-Good | Good form and vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Remove - culvert regrading works |
| 373 | *Juglans nigra* | Black Walnut | 6 | 1.8 | 5 | Good | Good form and vigour | Public | Remove - culvert regrading works |
| 374 | *Juglans nigra* | Black Walnut | 5 | 1.8 | 4 | Good | Good form and vigour | Public | Remove - culvert regrading works |
| 375 | *Acer negundo* | Manitoba Maple | 9 | 1.8 | 3 | Good | Good vigour. | Public | Remove - culvert regrading works |
| 376 | *Acer negundo* | Manitoba Maple | 14 | 2.4 | 7 | Fair-Good | Good vigour; Minor dieback and thinning. | Public | Remove - culvert regrading works |
| 377 | *Acer negundo* | Manitoba Maple | 10 | 1.8 | 6 | Good | Good vigour. | Public | Remove - culvert regrading works |
| 378 | *Salix x fragilis* | Crack Willow | 9 | 1.8 | 5 | Good | Good form and vigour. | Public | Remove - culvert regrading works |
| 379 | *Gleditsia triacanthos* | Honey Locust | 38, 32 (50) | 3 | 14 | Fair-Good | Good form and vigour; Minor dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 380 | *Juglans nigra* | Black Walnut | 12 | 2.4 | 6 | Good | Good form and vigour | Public | Remove - culvert regrading works |
| 381 | *Juglans nigra* | Black Walnut | 12 | 2.4 | 7 | Good | Good form and vigour | Public | Remove - culvert regrading works |
| 382 | *Fraxinus pennsylvanica* | Green Ash | 6, 3, 2 (7) | 1.8 | 5 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Remove - culvert regrading works |
| 383 | *Fraxinus pennsylvanica* | Green Ash | 9, 2 (9) | 1.8 | 4 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Remove - culvert regrading works |
| 384 | *Acer negundo* | Manitoba Maple | 3, 2, 3, 7 (8) | 1.8 | 6 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Remove - culvert regrading works |
| 385 | *Fraxinus pennsylvanica* | Green Ash | 7, 3, 2, 2 (8) | 1.8 | 5 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Remove - culvert regrading works |
| 386 | *Fraxinus pennsylvanica* | Green Ash | 14 | 2.4 | 5 | Fair-Good | Good vigour; Minor dieback and thinning. | Public | Preserve with Injury [13% incursion] |
| 387 | *Fraxinus pennsylvanica* | Green Ash | 8, 4, 4, 3 (10) | 1.8 | 5 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork at ground; Included bark. | Public | Preserve |
| 388 | *Fraxinus pennsylvanica* | Green Ash | 6, 3, 2 (7) | 1.8 | 5 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork at ground; Included bark. | Public | Preserve |
| 389 | *Gleditsia triacanthos* | Honey Locust | 11 | 2.4 | 6 | Good | Good form and vigour. | Public | Preserve |
| 390 | *Gleditsia triacanthos* | Honey Locust | 13 | 2.4 | 7 | Good | Good form and vigour. | Public | Preserve |
| 392 | *Fraxinus pennsylvanica* | Green Ash | 6, 2, 3, 3 (8) | 1.8 | 4 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork at ground; Included bark. | Public | Preserve |
| 393 | *Fraxinus pennsylvanica* | Green Ash | 6, 7 (9) | 1.8 | 5 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork at ground; Included bark. | Public | Preserve |
| 394 | *Fraxinus pennsylvanica* | Green Ash | 4 | 1.8 | 2 | Fair-Good | Good vigour; Minor dieback and thinning. | Public | Preserve |
| 395 | *Fraxinus pennsylvanica* | Green Ash | 6 | 1.8 | 3 | Fair-Good | Good vigour; Minor dieback and thinning. | Public | Preserve |
| 396 | *Acer platanoides* | Norway Maple | 6, 3 (7) | 1.8 | 4 | Good | Good vigour; Stems fork below breast height; Included bark. | Public | Preserve |
| 451 | *Acer negundo* | Manitoba Maple | 7, 3, 3 (8) | 1.8 | 4 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Preserve |
| 495 | *Acer negundo* | Manitoba Maple | 7, 3 (8) | 1.8 | 3 | Good | Good vigour; Stems fork below breast height; Included bark. | Public | Remove - culvert regrading works |
| 496 | *Gleditsia triacanthos* | Honey Locust | 46 | 3 | 11 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 497 | *Gleditsia triacanthos* | Honey Locust | 19, 41, 15 (48) | 3 | 13 | Fair-Good | Good form and vigour; Minor dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 498 | *Salix x fragilis* | Crack Willow | 16 | 2.4 | 7 | Poor-Fair | Significant dieback and thinning; Peeling bark; Epicormic shoots along stem and at base. | Public | Remove - culvert regrading works |
| 499 | *Acer negundo* | Manitoba Maple | 6 | 1.8 | 3 | Good | Good form and vigour. | Public | Remove - culvert regrading works |
| 500 | *Fraxinus pennsylvanica* | Green Ash | 5, 2, 2, 2, 3 (7) | 1.8 | 4 | Fair-Good | Good vigour; Stems fork at ground; Included bark; Minor dieback and thinning. | Public | Remove - culvert regrading works |
| 654 | *Fraxinus pennsylvanica* | Green Ash | 19, 9, 6, 2, 3 (22) | 2.4 | 8 | Fair | Good vigour; Moderate dieback and thinning; Stems fork at ground; Included bark; Evidence of EAB infestation. | Public | Preserve |
| 655 | *Acer negundo* | Manitoba Maple | 16, 15 (22) | 2.4 | 9 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 657 | *Acer platanoides* | Norway Maple | 31 | 2.4 | 10 | Poor-Fair | Significant dieback and thinning; Several large dead branches in canopy; Peeling bark. | Public | Preserve |
| 957 | *Tilia americana* | Basswood | 18 | 2.4 | 6 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Municipal Road Allowance | Preserve |
| 959 | *Celtis occidentalis* | Common Hackberry | 9 | 1.8 | 6 | Good | Good form and vigour. | Municipal Road Allowance | Preserve |
| 960 | *Picea pungens* | Blue Spruce | 21 | 2.4 | 4 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 963 | *Juglans nigra* | Black Walnut | 24 | 2.4 | 8 | Good | Good form and vigour. | Public | Remove - culvert regrading works |
| 969 | *Gleditsia triacanthos* | Honey Locust | 35 | 2.4 | 12 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 970 | *Acer platanoides* | Norway Maple | 33, 13, 10, 14 (39) | 2.4 | 12 | Fair | Good form; Moderate dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 1498 | *Fraxinus pennsylvanica* | Green Ash | 8, 7, 4, 4 (12) | 2.4 | 6 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Preserve |




## LEGEND

- Existing Property Boundary
- Tree Preservation Fence
- Limit of Grading
- Proposed Appleby Creek Regional Flood Line
- 1678 Tree tag
- Tree Crown
- Minimum Tree Protection Zone
- Critical Root Zone
- Tree Location
- Tree to be Preserved
- Tree to be Removed
- Tree to be Preserved with Injury
- Area of Incursion Into Tree Protection Zones

Notes: Scale shown is for an 36" x 24" page.
For illustrative purposes. Do not scale

| Nº | REVISIONS | DATE: | BY: |
|---|---|---|---|
| 6 | | | |
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | ISSUED FOR OLT SETTLEMENT OFFER | 2023/03/15 | TS |
| 1 | ISSUED FOR OPA/ZBA | 2021/04/09 | NC |

SCALE

1:500 (0, 10, 20, 40m)

NORTH ARROW

CERTIFIED ARBORIST ISA

TODD SMITH
#ON-1608A

BEACON ENVIRONMENTAL
GUELPH OFFICE
373 WOOLWICH ST,
GUELPH, ON N1H 3W4
T) 519.826.0419
519.826.9306
www.beaconenviro.com

CLIENT

BRANTHAVEN DEVELOPMENT CORP.

PROJECT

720, 735, 740 OVAL COURT AND 5135, 5155 FAIRVIEW STREET

SHEET TITLE

TREE INVENTORY AND PRESERVATION PLAN

PROJECT Nº: 218416

DRAWN BY: NC/CS

CHECKED BY: --

DATE: 16 March 2023

FIGURE Nº: TP-7

**Table 6. Summary of Trees Proposed for Preservation and Removal**

| Ownership | Remove-Development | Remove-Valley Corridor Works | Remove-Condition | Preserve | Total |
|---|---|---|---|---|---|
| Private | 184 | 0 | 0 | 0 | **184** |
| Public | 27 | 118 | 4 | 259 | **408** |
| **Total** | **211** | **118** | **4** | **259** | **592** |

## 5.1 Tree Preservation and Removal on the Subject Lands

All 126 individually assessed and privately owned trees as well as Tree Groups A and B (58 trees) are marked for removal on the subject lands due to the proposed development. These trees are located central to as well as along the peripheries of the subject lands. Due to the proposed grading, as well as underground parking structure, no trees are candidates for preservation. Trees proposed for removal on the subject lands are dominated by Norway Spruce (30%), Blue Spruce (27%), Austrian Pine (15%), and Silver Maple (8%). DBH of trees for removal ranges from 10 cm – 50 cm with an average DBH of 20 cm. Trees for removal are generally in good or fair-good condition (80% of trees for removal).

Tree 561 is a mature White Oak located along the property boundary with Sherwood Forest Park. This tree is in good condition and has minimal grading surrounding it. The proposed site plan and underground parking garage footprint have been designed to allow for preservation of this public/City mature White Oak in the northeast corner of the development.

## 5.2 Tree Preservation and Removal on Public Lands Adjacent to Subject Lands

Tree 478 located within Oval Court MRA and Trees 364 and 365 located within Fairview Street MRA require removal to accommodate the proposed development and culvert works, respectively.

Most Tree Groups located on public lands adjacent to the subject lands within Sherwood Forest Park are marked for preservation. Tree groups for preservation include a total of 132 trees ranging in DBH from 10-24 cm. A portion of Tree Group E will require removal to accommodate new entry plaza area linking the development to Sherwood Forest Park.

## 5.3 Tree Preservation and Removal within Appleby Creek Corridor

Eighty-seven (87) trees are proposed for removal within the publicly owned creek corridor due to the proposed floodplain channel grading works, bioswale outlet, and pedestrian bridge. These trees for removal are located along the eastern bank of Appleby Creek. Trees for removal within the creek corridor are dominated by Green Ash (56% of trees for removal-development), Manitoba Maple (11% of trees for removal-development) and Hawthorn (8% of trees for removal-development). Trees for removal range in DBH from 10-70 cm DBH with an average DBH of 18 cm. An additional 29 public trees require removal within the Appleby Creek corridor just south of Fairview Street bridge to allow for the proposed culvert replacement regrading works.

A total of 127 public trees are recommended for preservation within the creek corridor. Trees for preservation are dominated by Hawthorn (33% of trees for preservation), followed by Manitoba Maple (22% of trees for preservation, and Black Walnut (18% of trees for preservation). Trees range in DBH from 10-90 cm DBH, with an average of 23 cm DBH.

For the proposed culvert replacement and regrading works south of Fairview Street, two (2) trees (Trees 128, 386) will be preserved with injury. The anticipated impacts are minor and less than 15% incursion into root zone. No long term damage is expected.

**Table 7. Summary of Trees Proposed for Preservation and Removal within Appleby Creek Corridor**

| Species | | Remove-Valley Corridor Works | Remove-Condition | Preserve |
|---|---|---|---|---|
| **Botanical Name** | **Common Name** | | | |
| *Acer negundo* | Manitoba Maple | 16 | | 43 |
| *Acer platanoides* | Norway Maple | | | 1 |
| *Acer saccharinum* | Silver Maple | | | 1 |
| *Betula pendula* | European White Birch | | | 1 |
| *Crataegus sp.* | Hawthorn | 7 | | 16 |
| *Fraxinus pennsylvancia* | Green Ash | 59 | 4 | 35 |
| *Gleditsia triacanthos* | Honey Locust | | | 8 |
| *Juglans nigra* | Black Walnut | 12 | | 8 |
| *Malus domestica* | Common Apple | 2 | | |
| *Morus alba* | White Mulberry | 2 | | |
| *Prunus avium* | Sweet Cherry | 1 | | 1 |
| *Pyrus communis* | Common Pear | 2 | | |
| *Quercus macrocarpa* | Bur Oak | 2 | | 1 |
| *Salix fragilis* | Crack Willow | 11 | | 13 |
| *Tilia americana* | Basswood | 1 | | 2 |
| *Tilia cordata* | Little Leaf Linden | 1 | | |
| *Ulmus americana* | American Elm | | | 5 |
| **Totals** | | **116** | **4** | **127** |

# 6. Tree Protection and Preservation Guidelines

Trees for preservation will be protected using tree hoarding fencing in accordance with the City of Burlington's Tree Protection and Preservation Specifications (No. SS12A) (see **Figure 2 -TP-1**). During detailed design, tree protection fencing alignments will be finalized according to finalized layouts of pedestrian bridge, trench drain outlet, and valley grading works.

Prior to construction, hoarding will be required to be installed around the trees listed in **Appendix B** located a minimum distance as shown on **Figure 2** and **Table 8**. Hoarding shall not interfere with the existing sidewalk.

The City of Burlington's *Specification No. SS12A, "Tree Protection and Preservation"* describes measures required to protect trees regardless of location and not designated for removal. The document recommends protection measures for protected trees to be enacted at the discretion of the consulting arborist or as required as a condition of site plan approval or subdivision agreement.

Specification No. SS12A provides requirements for Minimum Tree Protection Zones (MTPZs); Critical Root Zones (CRZs); tree protection barriers; tree pruning, removal and transplant; construction practices/techniques; securities for non-compliance and other considerations.

MTPZ's should be demarcated with 1.2-meter-high orange plastic web snow fencing on a 2" x 4" frame as per the detail drawing provided on **Figure 2, TP-1**. No materials shall be stored inside or up against this fencing, and the sign provided on **Figure 2, TP-1,** should be hung on the most visible side designating the MTPZ.

Standard MTPZs are generally established at the dripline of the tree crown. In situations where it is not feasible to implement a standard MTPZ, it is possible that a lesser MTPZ could be established that could also provide sufficient protection but allow for tighter integration with the development subject to approval by the City. MTPZ's that are less than the standard generally requires additional arboricultural measures to be applied to trees (i.e. root/branch pruning, soil protection, etc.). It is however recommended that such MTPZ's be no less than the MTPZ values specified in **Table 8.** Pending final review of the grading and servicing plans an updated set of trees for preservation will be included. This will include for trees directly adjacent to development an assessment of critical root zones as well as MTPZs.

### Table 8. Minimum Tree Protection Zones

| Trunk Diameter (cm) | Minimum Tree Protection Zone Distances Required (m)[1] | Critical Root Zone Distances Required (m)[1&2] |
|---|---|---|
| <10 | 1.8 | 1.8 |
| 11-40 | 2.4 | 4.0 |
| 41-50 | 3.0 | 5.0 |
| 51-60 | 3.6 | 6.0 |
| 61-70 | 4.2 | 7.0 |
| 71-80 | 4.8 | 8.0 |
| 81-90 | 5.4 | 9.0 |
| 91-100+ | 6.0 | 10.0 |

[1] MTPZ and CRZ distances are to be measured from the outside edge of the tree base towards the drip line and may be limited by an existing paved surface, provided the existing paved surface remains intact throughout the construction work and is subject to Section 6 of City of Burlington Specification SS12A.

[2] Where work is being performed beyond the MTPZ but within the CRZ the works are subject to Section 8 of City of Burlington Specification SS12A.

In addition to specifications contained on **Figure 2**, the following tree protection measures are recommended:

- All existing trees which are to remain shall be fully protected with hoarding as shown in **Figure 2** to the satisfaction of the City Arborist prior to the issuance of the building permit. Groups of trees and other existing vegetation are to be protected with hoarding around the

entire area. Areas within the protective fencing shall remain undisturbed and shall not be used for the storage of building materials and equipment;
- All tree work is to be supervised by a Certified Arborist;
- The City's Arborist will be responsible for the inspection of hoarding for public trees. Hoarding is to remain in place until an inspection by the City has been done and an appropriate removal time has been agreed upon;
- No rigging cables shall be wrapped around or installed in the trees and surplus soil, equipment, debris or materials shall not be placed over the root systems of the trees within the protective fencing. No contaminants will be dumped or flushed where feeder roots of trees exist;
- Where limbs or portions of trees are removed to accommodate construction, they will be removed in accordance with accepted arboriculture practice and will be completed by a City approved tree service;
- In situations where grading or excavation works exposes root systems of trees identified for preservation, best arboricultural practices should be employed to limit damage to root systems. Hydro vacuuming shall be used for any root pruning/exploration work. Any exposed roots shall be kept covered from sun/wind exposure using soil or moistened burlap. Exposed roots shall be cut back cleanly using a saw. Hydrovac should be employed where appropriate. Once complete, exaction shall be backfilled;
- No open trenching shall occur within the Tree Preservation Zone (TPZ). Only trenchless methods should be used for service installation in the TPZ; and
- Trees that have died or have been damaged beyond repair shall be removed and replaced at the City's expense with trees of a size and species approved by the City's Parks & Forestry Division / Community Services Department.

### 6.1 Timing of Tree Removal

The federal *Migratory Birds Convention Act* (1994) and provincial *Fish and Wildlife Conservation Act* protect the nests, eggs and young of most bird species from harm or destruction. As the peak breeding bird season in southern Ontario is generally from mid-May to early-July, and the more general breeding bird season is between early April and late August, vegetation clearing should occur outside of these periods (i.e., April 1st to August 31st) whenever possible. For any proposed clearing of vegetation within these dates, or where birds may be suspected of nesting outside of these dates, an Avian Biologist should undertake detailed nest searches immediately prior to site alteration to ensure that no active nests are present. If active nests are confirmed, removal of the tree / vegetation will need to be delayed until the nest is no longer actively used.

## 7. Tree Compensation

Any trees removed under a permit issued under the City of Burlington's *Private Tree By-law (02-2020)* or *Public Tree By-law (68-2013),* will be replaced and/or compensated for as per the requirements of the applicable by-laws. A Tree Replacement/Compensation Plan will be developed in consultation with the City and Owner at the detailed design stage.

Tree removal on City property requires compensation calculated based on a summary of the caliper of City-owned trees for removal, as illustrated below:

Per Section 1.18 of the By-law, where the removal of City-owned trees:

> *Is not required due to age, health or other reasons in accordance with sound arboricultural practices, the applicant shall plant Tree(s) with the total combined diameter being equal to or greater than that of the Tree(s) to be removed. Where the total combined diameter of the Tree(s) to be planted is less than the total combined diameter of the Tree(s) removed, Council approval will be required.*

Per October 2021 direction from the City's Forestry department:

> *Compensation will be required for all trees removed (public and private) in accordance with the City's aggregate caliper method. Note that for those trees removed from private property, a plan for replacement on private property is required. In the event insufficient space prevents from planting on private property a cash-in-lieu option will be identified. For public trees, cash-in-lieu of street tree planting to be provided. Location of public tree planting along streets shall be illustrated conceptually on the landscape plans. For public trees within the creek block a review of replanting vs. cash-in-lieu will be completed at the site plan application stage, through coordination with Conservation Halton, Engineering Services and as subject to the review by the Manager of Urban Forestry or delegate inclusive of approval of the species chosen and the contractor to perform the work.*

Should you have any comments regarding the above, or require clarification or modification, please do not hesitate to contact the undersigned at kursic@beaconenviro.com.

Report prepared by:
**Beacon Environmental**



Todd Smith, B.Sc., M.L.A., OALA, CSLA
Senior Landscape Architect, Practice Lead,
ISA Certified Arborist (ON-1608A)

Report reviewed by:
**Beacon Environmental**



Ken Ursic, B.Sc., M.Sc.
Principal, Senior Ecologist

# 8. References

Aquafor Beech Ltd. 2019.
Municipal Class Environmental Assessment for Appleby Creek Flood Mitigation between Fairview Street and New Street. February 11, 2019.

Aquafor Beech Ltd. 2020.
Appleby Creek Erosion Control Environmental Assessment. June 2020.

City of Burlington. 2013.
Tree Protection and Preservation Specification No.: AA12A. February 2013.

City of Burlington.
By-law 68-2013. A by-law to regulate planting, maintenance and preservation of trees on or affecting private property. File: 110-04-01 (RPM-9-13).

City of Burlington. 2020.
By-law 02-2020. A by-law to conserve and protect trees on private land within the Urban Planning Area Boundary of City of Burlington and to repeal By-law 43-2018, The City of Burlington Pilot Private Tree By-law

Core Architects Inc. 2023.
Oval Court, Site Plan. March 15, 2023.

Government of Canada. 1994.
*Migratory Bird Convention Act.* Available online at: http://laws-lois.justice.gc.ca/eng/acts/m-7.01/.

Lilly, Sharon J. 2001.
Arborists' Certification Study Guide. International Society of Arboriculture, Champaign, Illinois.

J.H. Gelbloom Surveying Limited. 2019.
Plan of Survey and Topography of Lots 1 to 7, Reistered Plan 20M-524, City of Burlington.

Urbantech Consulting. 2023.
Functional Servicing and Stormwater Management Report Oval Court Redevelopment City of Burlington Halton Region. March 2023.

# Appendix A

## Tree Inventory and Assessment Methodology & Limitations of Tree Assessment

# Appendix A

## Tree Inventory and Assessment Methodology*

**Note that not all the tree descriptors contained herein may be used in a tree assessment and report.*

**DBH (cm):** Diameter at breast height, 1.4 m above ground, measured in centimeters. Two or more numbers denotes the DBH of each stem/trunk for trees with multiple stems/trunks. For multi-stemmed trees, for the purpose of determining the minimum tree protection zone DBH is calculated as the square root of the sum of the square DBH of each stem.

**Crown Reserve/Diameter (metres):** Crown diameter (tree's canopy) measured at intervals of 1 metre.

**Condition:** General Condition is recorded for standard tree inventories and assessments. For detailed tree inventories and assessments, when required the assessment of tree condition evaluates factors of Biological Health and Structural Condition separately.

The descriptors of health and structure attributed to a tree evaluate the individual specimen to what could be considered typical for that species growing in its location under current site and climatic conditions. For example, some species can display inherently poor branching architecture, such as multiple acute branch attachments with included bark. Whilst these structural defects may technically be considered arboriculturally poor, they are typical for the species and may not constitute an increased risk of failure. These trees may be assigned an intermediate structural rating of fair – poor (rather than poor) at the discretion of the assessor.

**General Condition:** Outlined below are the detailed guidelines utilized for the classification of general condition rating:

- **Excellent**: (Healthy)
  No major branch mortality: crown is typical with less than 10% branch or twig mortality; no signs of decay.
- **Good**: (Light Decline)
  Branch mortality, twig dieback in 11-25% of the crown: broken branches or crown missing based on presence of old snags is less than 26%; minor evidence of decay.
- **Fair**: (Moderate Decline)
  Branch mortality, twig dieback in 26-50% of the crown: broken branches or crown area missing based on presence of old snags is 50% or less; decay evident.
- **Poor**: (Severe Decline)
  Branch mortality, 50% or more of the crown dead: broken branches or crown area missing based on presence of old snags in more than 50%; decay resulting in high hazard assessment.
- **Dead**: (due to Natural or Human Causes)
  Tree is dead, either standing or down: phloem under bark has brown streaks: few epicormic shoots may be present.

**Biological Health:** Related to presence and extent of various attributes to describe the overall health and vigour of the tree.

| Biological Health Category* | Vigour, Extension, & Growth | Decline symptoms, Deadwood, & Dieback | Foliage density, colour, size, & intactness | Pests and/or Disease |
|---|---|---|---|---|
| **Excellent** | Above typical. Excellent. Full canopy density. | None or negligible. | Above typical. No deficiencies or defects detected. | None or negligible. |
| **Good** | Above typical. Full canopy density. | Negligible. | Typical. Minor deficiencies or defects could be present. | Negligible. |
| **Fair** | Typical vigour. >80% canopy density. | More than typical. Small sub-branch dieback. | Exhibiting deficiencies. Could be thinning, or foliage smaller. | Minor, within damage thresholds. |
| **Poor** | Below typical or minimal – declining. | Excessive, large, and/or prominent amount and size of dead wood. | Exhibiting severe deficiencies. Thinning foliage, generally smaller or deformed. | Exceeds damage thresholds and contributing to decline. |
| **Dead** | Tree is dead | n/a | n/a | n/a |

*Note that intermediate ratings can be applied, at the discretion of the arborist, in cases where biological health attributes fall within closely related categories, e.g. Good-Fair.

**Structural Condition:** Related to defects in a tree's structure, (i.e., lean, codominant trunks). Structural rating will also consider general branching architecture, stem taper, live crown ratio, crown symmetry, and crown position such as a tree being suppressed by more dominant trees. Tree structure zones listed below are adapted from Coder, Construction damage assessments: trees and sites, 1996 University of Georgia, USA.

| Structure Category* | Root plate & Lower stem | Trunk | Primary branch support | Outer crown & Roots |
|---|---|---|---|---|
| **Good** | No obvious damage, disease or decay; obvious basal flare / stable in ground. | No obvious damage, disease, or decay; well tapered. | Well formed, attached, spaced and tapered. No history of failure. | No obvious damage, disease, decay, or structural defect. No history of failure. |
| **Fair** | Moderate-Minor damage or decay. Basal flare present. | Minor damage or decay. | Generally well-attached, spaced and tapered branches. Minor structural deficiencies may be present or developing. No history of branch failure. | Minor damage, disease, or decay; minor branch end-weight or over-extension. No history of branch failure. |
| **Poor** | Moderate - major damage, disease or decay; fungal fruiting bodies present. Excessive lean placing pressure on root plate. | Moderate - major damage, disease, or decay; exceeds recognized thresholds; fungal fruiting bodies present. Acute lean. Stump re-sprout. | Weak, decayed, cavities or has acute branch attachments with included bark; excessive compression flaring; failure likely. Evidence of major branch failure. | Moderate - major damage, disease or decay; fungal fruiting bodies present; major branch end-weight or over-extension. Branch failure evident. |

*Note that intermediate ratings can be applied, at the discretion of the arborist, in cases where biological health attributes fall within closely related categories, e.g. Good-Fair.

**Height (metres):** Height of tree from ground to top of crown. Height is estimated from visual ground observations.

**Position on Site: AP** - above-ground planter; **ED** - Edge, e.g., forest, woodland; **IN** - Interior, e.g., forest, woodland; **HR** - hedgerow, row/linear group of trees; **OG** - open-grown; **PI** - planting island; **GP** - group/cluster

**On-site Tree:** Tree trunk located completely within the property boundary of the subject lands.

**Off-site Tree:** Tree trunk located completely outside of the property boundary of the subject lands.

**Public Tree:** Tree is located on the property of the municipality/region, e.g., within Right-of-Way.

**Shared Tree:** Tree shared between the subject lands and adjacent private or public property (i.e. tree trunk located partially within the boundary of the subject lands). Documented as '**S**' in off-site tree or municipal tree data columns.

**Recommended Action:** A recommendation of the following three categories is assigned to preserve or remove a tree:

- The tree's current biological health and structural condition
- The anticipated impacts from proposed development
- The summary of the previous two categories.

Note: Only trees having a recommendation of preserve for both health and structure, and impacts from the proposed development are assigned a final recommendation of preserve.

**P** (Preserve) - Tree has a moderate to high biological health AND moderate to high structural condition, AND is likely to survive impact from the proposed development (if present). The tree is likely to survive for at least 3 to 5 years.
**R** (Remove) - Tree has low biological health, AND/OR low structural condition, AND/OR will not survive the proposed development impacts (if present). The tree is not likely to survive more than 1-3 years.
**C** (Conditional) - In some situations a tree's preservation or removal is related to potential relocation/modification of the limit of construction, and/or known arboricultural treatments that will likely improve the biological health and/or structural condition of the tree. This may include review of a tree's condition, e.g., roots, at time of construction/excavation.

**Site Development Impact:** Impact to tree is anticipated from proposed development (e.g., road, building) at or near the tree, and/or grade changes (cut/fill).

**Transplant Potential:** A transplantation recommendation of **Y**es or **N**o based on a tree's size, species, and condition, and present and future site conditions (e.g. near adjacent trees/objects, on slopes, soil type).

**Codes of Damage Descriptions**
BA - branch attachment poor
BB - burlap, basket, wire present on/in tree/root ball
BC - bark crack
BI - bark included
BN - bark necrosis
BS - basal trunk sprouts
CA – crown asymmetrical
CB - crown broken
CD - crown dieback
CK - canker (abnormal growth from disease or damage)
CL - crown live, CL20 - 20% live crown
CS - crown sprouts
CT - crown thin (having reduced foliage)
CV - crown vines
DW - deadwood
ES - Epicormic sprouts
FB - fungal bodies present
LC - leaves chlorotic (yellow)
LD - leaves defoliated
LP - leader poor/problem
MB - multiple branches from same point of attachment
ML - multiple leaders
PH - planted high
PI - improper pruning
PL - planted low
RC - root crown damage/abnormality
RE - roots exposed
RG - roots girdling
SC - stems co-dominant
SG - stem girdled
ST - soil on trunk
TB - trunk bent
TC - trunk cavity
TK - trunk crooked
TD - trunk decay
TE - trunk base enlarged abnormally
TF - trunk basal flair lacking / abnormal
TG - trunk/stem girdling
TL - trunk lean (L< 5°), (M 5-20°), (H>20°)
TM - trunks multiple from at or below ground level
TS - trunk split
TT - trunk twisted
TW - trunk wound
WW - wet wood

**Quantified Tree Conditions (defects, diseases)**
L (low, minor), M (moderate), H (high, severe)
e.g. TK(H) = severe crooked trunk
TD(L) = minor trunk decay
TF(H) = severely poor basal trunk flare

**Cardinal Coordinates (N, S, E, W)**
e.g., LN(L-S) = minor lean to the south

**Codes of Recommendations**
A - Add mulch
B - Remove attachments (burlap, wire, stake, guard)
C - Cable
F - Fertilize
L - lower soil level
M - Monitor
N - None Needed
P - Prune
R - Remove
S - Soil bulk density (compaction) lower
V - soil volume (increase)
W - Water

**Priority**: An action priority schedule (i.e. general timing) to provide arboricultural treatment(s).
E - Extremely Urgent (within a week)
U - Urgent (within 3 months)
H - High (within a year)
M - Moderate (within 3 years)
L - Low (little or no action required for at least 5 years)

# Limitations of Tree Assessment

It is the policy of Beacon Environmental Ltd. to attach the following clause regarding limitations of the tree assessment. The intent is to ensure that the client is aware of what is technically and professionally realistic in assessing and/or retaining trees.

The assessment of the trees presented in this report has been made using accepted arboricultural techniques. These techniques include a visual examination of the above-ground parts of each tree for structural defects, scars, external indications of decay such as fungal fruiting bodies, evidence of insect attack, crown dieback, discoloured foliage, the condition of any visible root structures, the degree and direction of lean (if any), the general condition of the tree(s) and the surrounding site, and the proximity of property and people. Except where specifically noted in the report, none of the trees examined were dissected, cored, probed, or climbed, and detailed root crown examinations involving excavation were not undertaken.

Notwithstanding the recommendations and conclusions made in this report, it must be recognized that trees are living organisms and their health and vigour constantly change over time. They are not immune to changes in site conditions, pests, or variations in the weather conditions including severe storms with high-speed winds. Furthermore, some symptoms may only be visible seasonally; the extent of observations that can be made may be limited by the time of year in which the inspection took place.

While reasonable efforts have been made to ensure that the trees recommended for retention are healthy unless stated otherwise within the report, no warranty or guarantees are offered, or implied, that these trees, or any parts of them, will have continued health or structure as noted in the report. It is both professionally and practically impossible to predict with absolute certainty the behaviour of any single tree or group of trees or their component parts in all circumstances. Inevitably, a standing tree will always pose some risk. Most trees have the potential for failure if provided with the necessary combinations of stresses and elements. This risk can only be eliminated if the tree is removed.

Although every effort has been made to ensure that this assessment is reasonably accurate, it is recommended that trees be re-assessed periodically to identify changes in condition. Design or site plan changes may also necessitate re-assessment and/or revisions to this report. **The assessment presented in this report is valid at the time of the inspection and is intended for sole use of the client.** Any use of this report by a third party, and any decision based on this report, is the singular responsibility of the third party.

# Appendix B

## Tree Inventory Table
## Oval Court

# Appendix B

## Tree Inventory Table

| Tag No. | Scientific Name | Common Name | DBH (cm) | TPZ | Crown Diameter (m) | Condition | Comments | Ownership | Recommendation | Channel |
|---|---|---|---|---|---|---|---|---|---|---|
| 83 | *Salix fragilis* | Crack Willow | 85 | 5 | | Poor | Fallen over, large cavities, still alive | Public | Preserve | channel |
| 85 | *Acer negundo* | Manitoba Maple | 18 | 2.4 | 3 | Fair-Poor | Trunks leaning and cracked | Public | Preserve | channel |
| 86 | *Acer negundo* | Manitoba Maple | 14 | 2.4 | 2, 1.5 | Fair | Poor form | Public | Preserve | channel |
| 87 | *Fraxinus pennsylvanica* | Green Ash | 38, 36, 25 | 2.4 | | Poor | Dead | Public | Preserve | channel |
| 88 | *Acer negundo* | Manitoba Maple | 17, 12, 18 | 2.4 | 3, 2 | Fair-Poor | Three stems, very poor form | Public | Preserve | channel |
| 89 | *Acer negundo* | Manitoba Maple | 27 | 2.4 | 6 | Fair | Roots exposed due to erosion | Public | Remove-bridge | channel |
| 90 | *Acer negundo* | Manitoba Maple | 14 | 4 | | Fair | | Public | Preserve | channel |
| 91 | *Acer negundo* | Manitoba Maple | 15 | 4.5 | | Poor | Very poor form, stems broken | Public | Preserve | channel |
| 92 | *Salix fragilis* | Crack Willow | 30, 36 | 2.4 | 5 | Poor | | Public | Preserve | channel |
| 93 | *Fraxinus pennsylvanica* | Green Ash | 11.5 | 2.5 | | Fair | EAB | Public | Remove-valley grading | channel |
| 94 | *Salix fragilis* | Crack Willow | 52, 55, 70, 45 | 10 | | Fair-Poor | Large large multistemmed tree, many limbs broken, still alive | Public | Remove-valley grading | channel |
| 95 | *Salix fragilis* | Crack Willow | 27 | 4 | | Fair | On river bank, poor form | Public | Remove-valley grading | channel |
| 96 | *Salix fragilis* | Crack Willow | 28 | 4.5 | | Poor | Uprooted and fallen over, still alive | Public | Remove-valley grading | channel |
| 97 | *Salix fragilis* | Crack Willow | 21, 17, 12, 13 | 5.5 | | Fair-Poor | Three large stems, one leader alive, partially uprooted | Public | Remove-valley grading | channel |
| 98 | *Salix fragilis* | Crack Willow | 50 | 6 | | Poor | Fallen over, stems lying on ground, still alive | Public | Preserve | Channel |
| 99 | *Fraxinus pennsylvanica* | Green Ash | 36 | 2.4 | 2 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 100 | *Fraxinus pennsylvanica* | Green Ash | 46 | 2.4 | 2 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 263 | *Prunus avium* | Sweet Cherry | 14 | 2.4 | 3 | Fair | Some dead branches | Public | Preserve | channel |
| 264 | *Fraxinus pennsylvanica* | Green Ash | 30 | 2.4 | 1 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 265 | *Fraxinus pennsylvanica* | Green Ash | 29 | 2.4 | 1 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 266 | *Fraxinus pennsylvanica* | Green Ash | 26 | 2.4 | 1 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 267 | *Fraxinus pennsylvanica* | Green Ash | 25 | 2.4 | 1 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 268 | *Juglans nigra* | Black Walnut | 20 | 2.4 | 4 | Fair | Roots exposed due to erosion, on river bank | Public | Preserve | channel |
| 269 | *Fraxinus pennsylvanica* | Green Ash | 23 | 2.4 | 2 | Poor | Heavy lean, dying, EAB | Public | Preserve | channel |
| 270 | *Fraxinus pennsylvanica* | Green Ash | 23. 17 | 10 | | Poor | Two stems, almost dead, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 271 | *Acer negundo* | Manitoba Maple | 30 | 6 | | Poor | Trunk split due to torquing, tree likely to fail | Public | Remove-valley grading | channel |
| 272 | *Acer negundo* | Manitoba Maple | 15 | 2.4 | 3 | Fair | | Public | Preserve | channel |
| 273 | *Fraxinus pennsylvanica* | Green Ash | 30 | 2.4 | | Poor | Dead, EAB | Public | Preserve | channel |
| 274 | *Fraxinus pennsylvanica* | Green Ash | 17 | 2.4 | 1 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 275 | *Fraxinus pennsylvanica* | Green Ash | 27, 32 | 2.4 | | Poor | Dead, EAB | Public | Preserve | channel |
| 276 | *Acer negundo* | Manitoba Maple | 13, 10 | 2.4 | 3.5 | Fair-Poor | Epicormic shoots, leaders damaged | Public | Preserve | channel |
| 278 | *Fraxinus pennsylvanica* | Green Ash | 22 | 2.4 | 1 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 279 | *Crataegus spp.* | Hawthorn | 15, 12 | 6, 5 | | Fair | Poor form | Public | Remove-valley grading | channel |
| 280 | *Elaeagnus angustifolia* | Russian Olive | 24 | 6 | | Fair | | Public | Remove-valley grading | channel |
| 281 | *Fraxinus pennsylvanica* | Green Ash | 41, 3, 33, 23 | 3 | | Poor | Large 4 stemmed tree, one stem broken, almost dead, EAB | Public | Remove-valley grading | channel |

| Tag No. | Scientific Name | Common Name | DBH (cm) | TPZ | Crown Diameter (m) | Condition | Comments | Ownership | Recommendation | Channel |
|---|---|---|---|---|---|---|---|---|---|---|
| 283 | *Fraxinus pennsylvanica* | Green Ash | 35 | 2 | | Poor | Mostly dead, one limb still living, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 284 | *Morus alba* | White Mulberry | 19 | 3 | | Fair | | Public | Remove-valley grading | channel |
| 285 | *Morus alba* | White Mulberry | 22 | 5 | | Fair | | Public | Remove-valley grading | channel |
| 286 | *Fraxinus pennsylvanica* | Green Ash | 39, 32 | | | Poor | Dead | Public | Remove - culvert regrading works | channel |
| 287 | *Salix fragilis* | Crack Willow | 90 | 5.4 | 10 | Fair-Poor | Many dead branches | Public | Preserve | channel |
| 321 | *Fraxinus pennsylvanica* | Green Ash | 13 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 323 | *Fraxinus pennsylvanica* | Green Ash | 6,12 | 2.40 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 324 | *Fraxinus pennsylvanica* | Green Ash | 17 | 2.4 | 2 | Poor | Dying, heavy grape vine, EAB | Public | Remove-valley grading | channel |
| 325 | *Malus domestica* | Common Apple | 17 | 2.4 | 5 | Fair | On slope roots exposed, dead branches | Public | Remove-valley grading | channel |
| 326 | *Malus domestica* | Common Apple | 14 | 2.4 | 6 | Fair | On slope roots exposed, dead branches | Public | Remove-valley grading | channel |
| 327 | *Fraxinus pennsylvanica* | Green Ash | 17 | 2.4 | 6 | Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 328 | *Fraxinus pennsylvanica* | Green Ash | 15 | 2.4 | 5 | Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 329 | *Fraxinus pennsylvanica* | Green Ash | 14 | 2.4 | 3 | Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 330 | *Fraxinus pennsylvanica* | Green Ash | 13 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 331 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 332 | *Acer negundo* | Manitoba Maple | 19 | 2.4 | 5 | Fair-Good | Poor form | Public | Remove-valley grading | channel |
| 333 | *Acer negundo* | Manitoba Maple | 10 | 2.4 | 6 | Fair-Good | Poor form | Public | Remove-valley grading | channel |
| 334 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 335 | *Pyrus communis* | Common Pear | 20, 9, 12 | 2.4 | 6 | Fair-Poor | Very poor form, grape in crown | Public | Remove-valley grading | channel |
| 336 | *Pyrus communis* | Common Pear | 13, 12, 15 | 2.4 | 6 | Fair-Poor | Very poor form, grape in crown | Public | Remove-valley grading | channel |
| 337 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 4 | Poor | Dying, heavy grape vine, EAB | Public | Remove-valley grading | channel |
| 339 | *Fraxinus pennsylvanica* | Green Ash | 16 | 2.4 | 6 | Poor | Dying, heavy grape vine, EAB | Public | Remove-valley grading | channel |
| 340 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 6 | Poor | Dying, heavy grape vine, EAB | Public | Remove-valley grading | channel |
| 341 | *Fraxinus pennsylvanica* | Green Ash | 11, 6 | 2.4 | 6 | Fair-Poor | One leader alive, dying, EAB | Public | Remove-valley grading | channel |
| 342 | *Fraxinus pennsylvanica* | Green Ash | 11, 7, 8, 6 | 2.4 | 7 | Poor | One leader alive, dying, EAB | Public | Remove-valley grading | channel |
| 343 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 4 | Poor | Dying, EAB, grape in crown | Public | Remove-valley grading | channel |
| 344 | *Fraxinus pennsylvanica* | Green Ash | 39, 29 | 2.4 | 13 | Poor | Dying, EAB, poor form | Public | Remove-valley grading | channel |
| 345 | *Quercus macrocarpa* | Bur Oak | 11 | 2.4 | 2 | Good | | Public | Remove-valley grading | channel |
| 346 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 5 | Fair-Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 347 | *Fraxinus pennsylvanica* | Green Ash | 19, 12 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 348 | *Juglans nigra* | Black Walnut | 25 | 2.4 | 8 | Good | | Public | Remove-valley grading | channel |
| 349 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 4 | Fair-Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 350 | *Fraxinus pennsylvanica* | Green Ash | 12, 12 | 2.4 | 6 | Fair-Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 351 | *Fraxinus pennsylvanica* | Green Ash | 10 | 2.4 | 4 | Fair-Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 352 | *Tilia americana* | Basswood | 13, 20, 10, 22, 22, 21 | 2.4 | 18 | Good | | Public | Remove-valley grading | channel |
| 353 | *Crataegus sp.* | Hawthorn | 17, 8 | 2.4 | 6 | Fair | Poor form | Public | Remove-valley grading | channel |
| 355 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 3 | Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 356 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 4 | Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 357 | *Quercus macrocarpa* | Bur Oak | 23 | 2.4 | 8 | Good | Some grape in crown | Public | Remove-valley grading | channel |
| 358 | *Crataegus sp.* | Hawthorn | 16, 12 | 2.4 | 5 | Fair | Some decay evidence, poor form | Public | Remove-valley grading | channel |
| 359 | *Fraxinus pennsylvanica* | Green Ash | 16 | 2.4 | 4 | Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 360 | *Crataegus sp.* | Hawthorn | 13, 16, 8, 12, 7 | 2.4 | 8 | Fair-Poor | Rotting at base, dead branches, poor form | Public | Remove-valley grading | channel |
| 361 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 3 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 362 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 2 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 363 | *Juglans nigra* | Black Walnut | 22 | 2.4 | 8 | Good | | Public | Remove-valley grading | channel |

| Tag No. | Scientific Name | Common Name | DBH (cm) | TPZ | Crown Diameter (m) | Condition | Comments | Ownership | Recommendation | Channel |
|---|---|---|---|---|---|---|---|---|---|---|
| 364 | *Juglans nigra* | Black Walnut | 20 | 2.4 | 9 | Good | | Public | Remove-valley grading | channel |
| 365 | *Acer negundo* | Manitoba Maple | 19 | 2.4 | 5 | Fair | Heavy lean | Public | Remove-valley grading | channel |
| 366 | *Fraxinus pennsylvanica* | Green Ash | 13 | 2.4 | 5 | Fair-Poor | Dying, EAB | Public | Remove-valley grading | channel |
| 367 | *Fraxinus pennsylvanica* | Green Ash | 12, 31 | 2.4 | 11 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 368 | *Acer negundo* | Manitoba Maple | 13 | 2.4 | 8 | Fair-Poor | Roots exposed due to erosion, very poor form | Public | Remove-valley grading | channel |
| 369 | *Fraxinus pennsylvanica* | Green Ash | 30, 33 | 2.4 | 12 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-valley grading | channel |
| 370 | *Crataegus sp.* | Hawthorn | 11 | 2.4 | 8 | Fair-Good | Heavy lean | Public | Remove-valley grading | channel |
| 371 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 5 | Fair | EAB evidence | Public | Remove-Condition | channel |
| 372 | *Acer negundo* | Manitoba Maple | 10 | 2.4 | 5 | Fair | Embedded in chain link fence, poor form | Public | Preserve | channel |
| 373 | *Fraxinus pennsylvanica* | Green Ash | 14 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-bridge | channel |
| 374 | *Fraxinus pennsylvanica* | Green Ash | 35 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-bridge | channel |
| 375 | *Crataegus sp.* | Hawthorn | 12, 12 | 2.4 | 6 | Poor | Rotting at base, poor form | Public | Remove-bridge | channel |
| 376 | *Fraxinus pennsylvanica* | Green Ash | 8, 13 | 2.4 | 8 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-Condition | channel |
| 377 | *Betula pendula* | European White Birch | 12 | 2.4 | 3 | Good | | Public | Preserve | channel |
| 378 | *Juglans nigra* | Black Walnut | 12 | 2.4 | 6 | Good | | Public | Remove-trench drain outlet | channel |
| 379 | *Fraxinus pennsylvanica* | Green Ash | 9, 12 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-Condition | channel |
| 380 | *Fraxinus pennsylvanica* | Green Ash | 20 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Remove-Condition | channel |
| 381 | *Fraxinus pennsylvanica* | Green Ash | 20 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove-trench drain outlet | channel |
| 382 | *Acer negundo* | Manitoba Maple | 19 | 2.4 | 7 | Fair | Poor form, leaning over creek | Public | Remove-trench drain outlet | channel |
| 383 | *Fraxinus pennsylvanica* | Green Ash | 19 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve | channel |
| 384 | *Juglans nigra* | Basswood | 27 | 2.4 | 8 | Fair-Good | Heavy grape in crown | Public | Preserve | channel |
| 385 | *Acer negundo* | Manitoba Maple | 22, 15, 15, 16 | 2.4 | 8 | Poor | Mostly dead | Public | Preserve | channel |
| 386 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 1 | Poor | Trunk split, dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 387 | *Fraxinus pennsylvanica* | Green Ash | 22 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve | channel |
| 388 | *Fraxinus pennsylvanica* | Green Ash | 16 | 2.4 | 3 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 389 | *Juglans nigra* | Black Walnut | 30 | 2.4 | 10 | Fair-Poor | Large wound extending up half of the trunk, some dead branches | Public | Preserve | channel |
| 390 | *Crataegus sp.* | Hawthorn | 20, 20 | 2.4 | 12 | Good | Some dead branches | Public | Preserve | channel |
| 391 | *Crataegus sp.* | Hawthorn | 25, 20, 18, 16, 18 | 2.4 | 10 | Fair | Dead branches, poor form | Public | Preserve | channel |
| 392 | *Fraxinus pennsylvanica* | Green Ash | 14 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve | channel |
| 393 | *Fraxinus pennsylvanica* | Green Ash | 14 | 2.4 | 3 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve | channel |
| 394 | *Acer negundo* | Manitoba Maple | 42 | 2.4 | 15 | Fair-Poor | Poor form, animal living in roots, dead branches | Public | Preserve | channel |
| 395 | *Acer negundo* | Manitoba Maple | 12 | 2.4 | 5 | Good | | Public | Remove-bridge | channel |
| 396 | *Fraxinus pennsylvanica* | Green Ash | 24 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 397 | *Crataegus sp.* | Hawthorn | 15, 14 | 2.4 | 6 | Fair | Poor form, dead branches | Public | Preserve | channel |
| 398 | *Fraxinus pennsylvanica* | Green Ash | 17 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve | channel |
| 400 | *Fraxinus pennsylvanica* | Green Ash | 20 | 2.4 | 4 | Poor | Dead | Public | Remove-bridge | channel |
| 401 | *Fraxinus pennsylvanica* | Green Ash | 27, 23 | 2.4 | 8 | Poor | Dead | Public | Remove-bridge | channel |
| 402 | *Juglans nigra* | Black Walnut | 32 | 2.4 | 9 | Good | | Public | Remove-bridge | channel |

| Tag No. | Scientific Name | Common Name | DBH (cm) | TPZ | Crown Diameter (m) | Condition | Comments | Ownership | Recommendation | Channel |
|---|---|---|---|---|---|---|---|---|---|---|
| 403 | *Crataegus sp.* | Hawthorn | 19 | 2.4 | 10 | Fair | Many dead branches | Public | Remove-bridge | channel |
| 404 | *Juglans nigra* | Black Walnut | 15, 16 | 2.4 | 3 | Poor | Dead | Public | Preserve | channel |
| 405 | *Juglans nigra* | Black Walnut | 43 | 2.4 | 10 | Fair-Poor | Half of tree dead | Public | Preserve | channel |
| 406 | *Juglans nigra* | Black Walnut | 22 | 2.4 | 6 | Poor | Cracked at base, dying | Public | Preserve | channel |
| 407 | *Juglans nigra* | Black Walnut | 19 | 2.4 | 5 | Poor | Top broken, cracks throughout trunk | Public | Preserve | channel |
| 408 | *Fraxinus pennsylvanica* | Green Ash | 36, 34, 24 | 2.4 | 14 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 409 | *Fraxinus pennsylvanica* | Green Ash | 37, 38 | 2.4 | 18 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 410 | *Acer negundo* | Manitoba Maple | 17 | 2.4 | 10 | Fair-Poor | Rotting at base | Public | Preserve | channel |
| 411 | *Juglans nigra* | Black Walnut | 24 | 2.4 | 12 | Fair-Good | Large girdling root | Public | Preserve | channel |
| 412 | *Acer negundo* | Manitoba Maple | 13 | 2.4 | 8 | Fair | Poor form | Public | Preserve | channel |
| 413 | *Salix fragilis* | Crack Willow | 26 | 2.4 | 5 | Fair-Good | Leaning | Public | Preserve | channel |
| 414 | *Salix fragilis* | Crack Willow | 41 | 3 | 10 | Fair-Good | Leaning | Public | Preserve | channel |
| 415 | *Fraxinus pennsylvanica* | Green Ash | 19 | 2.4 | 2 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve | channel |
| 416 | *Fraxinus pennsylvanica* | Green Ash | 16 | 2.4 | 6 | Poor | | Public | Preserve | channel |
| 417 | *Acer negundo* | Manitoba Maple | 16 | 2.4 | 5 | Fair | Leaning, roots exposed due to erosion | Public | Preserve | channel |
| 418 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 419 | *Fraxinus pennsylvanica* | Green Ash | 10 | 2.4 | 3 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 420 | *Crataegus sp.* | Hawthorn | 15 | 2.4 | 5 | Fair-Good | Dead branches | Public | Preserve | channel |
| 421 | *Crataegus sp.* | Hawthorn | 14, 19, 12 | 2.4 | 6 | Fair | Dead branches, poor form | Public | Preserve | channel |
| 422 | *Crataegus sp.* | Hawthorn | 15, 12 | 2.4 | 6 | Fair | Dead branches | Public | Preserve | channel |
| 423 | *Fraxinus pennsylvanica* | Green Ash | 10 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 424 | *Ostrya virginiana* | Ironwood | 23, 12 | 2.4 | 12 | Fair | Main leader dead and broken, lower branches show good vigour | Public | Preserve | channel |
| 425 | *Ulmus americana* | American Elm | 10 | 2.4 | 4 | Good | | Public | Preserve | channel |
| 426 | *Crataegus sp.* | Hawthorn | 13 | 2.4 | 5 | Fair | Dead branches | Public | Preserve | channel |
| 427 | *Crataegus sp.* | Hawthorn | 13 | 2.4 | 4 | Fair-Poor | Many dead branches | Public | Preserve | channel |
| 428 | *Fraxinus pennsylvanica* | Green Ash | 18 | 2.4 | 5 | Poor | Dying | Public | Preserve | channel |
| 429 | *Crataegus sp.* | Hawthorn | 14 | 2.4 | 6 | Good | | Public | Preserve | channel |
| 430 | *Fraxinus pennsylvanica* | Green Ash | 12, 17 | 2.4 | 7 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 431 | *Juglans nigra* | Black Walnut | 11 | 2.4 | 4 | Fair | Roots exposed due to erosion | Public | Preserve | channel |
| 432 | *Juglans nigra* | Black Walnut | 32 | 2.4 | 8 | Good | | Public | Preserve | channel |
| 433 | *Ostrya virginiana* | Ironwood | 27 | 2.4 | 8 | Fair | Main leader dead and broken, lower branches show good vigour, exposed roots due to erosion | Public | Preserve | channel |
| 434 | *Fraxinus pennsylvanica* | Green Ash | 14 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 435 | *Tilia americana* | Basswood | 37, 9, 9 | 2.4 | 15 | Fair | Many dead branches | Public | Preserve | channel |
| 436 | *Ostrya virginiana* | Ironwood | 17, 17 | 2.4 | 10 | Fair | Exposed roots due to erosion | Public | Preserve | channel |
| 437 | *Crataegus sp.* | Hawthorn | 25 | 2.4 | 5 | Fair-Good | Dead branches | Public | Preserve | channel |
| 438 | *Crataegus sp.* | Hawthorn | 12, 15, 13 | 2.4 | 6 | Fair-Good | Dead branches | Public | Preserve | channel |
| 439 | *Crataegus sp.* | Hawthorn | 14, 12, 10 | 2.4 | 7 | Fair-Good | Dead branches | Public | Preserve | channel |
| 440 | *Crataegus sp.* | Hawthorn | 10, 10, 8 | 2.4 | 5 | Fair | Dead branches, poor form | Public | Preserve | channel |
| 441 | *Fraxinus pennsylvanica* | Green Ash | 13 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 442 | *Fraxinus pennsylvanica* | Green Ash | 16, 17 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 443 | *Ostrya virginiana* | Ironwood | 18 | 2.4 | 8 | Fair-Good | Roots exposed due to erosion | Public | Preserve | channel |
| 444 | *Crataegus sp.* | Hawthorn | 12, 9, 12 | 2.4 | 6 | Fair | Dead branches, poor form | Public | Preserve | channel |
| 445 | *Fraxinus pennsylvanica* | Green Ash | 24, 25 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 446 | *Fraxinus pennsylvanica* | Green Ash | 13 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 447 | *Fraxinus pennsylvanica* | Green Ash | 13 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 448 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 3 | Poor | Dying, extensive epicormic shoots, EAB, heavy grape vine | Public | Preserve | channel |

| Tag No. | Scientific Name | Common Name | DBH (cm) | TPZ | Crown Diameter (m) | Condition | Comments | Ownership | Recommendation | Channel |
|---|---|---|---|---|---|---|---|---|---|---|
| 449 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 450 | *Quercus macrocarpa* | Bur Oak | 17 | 2.4 | 5 | Good | | Public | Preserve | channel |
| 451 | *Crataegus sp.* | Hawthorn | 13, 14 | 2.4 | 4 | Fair | Poor form, dead branches | Public | Preserve | channel |
| 452 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 4 | Poor | Dying, extensive epicormic shoots, EAB | Public | Preserve | channel |
| 453 | *Fraxinus pennsylvanica* | Green Ash | 19 | 2.4 | 6 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 454 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 455 | *Salix fragilis* | Crack Willow | 20, 25 | 2.4 | 6 | Poor | Fallen over, still alive | Public | Remove - culvert regrading works | channel |
| 456 | *Juglans nigra* | Black Walnut | 12 | 2.4 | 5 | Good | | Public | Preserve | channel |
| 457 | *Fraxinus pennsylvanica* | Green Ash | 14 | 2.4 | 2 | Poor | Leader broken, dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 458 | *Elaeagnus angustifolia* | Russian Olive | 12 | 2.4 | 4 | Poor | Dead | Public | Preserve | channel |
| 459 | *Crataegus sp.* | Hawthorn | 14, 8, 8, 6 | 2.4 | 6 | Fair-Good | Dead branches, poor form | Public | Preserve | channel |
| 460 | *Fraxinus pennsylvanica* | Green Ash | 16 | 2.4 | 5 | Poor | Leader broken, dying, extensive epicormic shoots, EAB | Public | Remove | channel |
| 561 | *Quercus alba* | White Oak | 101 | 6 | 22 | Good | On property line, chain link fence against trunk | Public | Preserve | |
| 946 | *Fraxinus pennsylvanica* | Green Ash | 15 | 2.4 | 1 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 947 | *Fraxinus pennsylvanica* | Green Ash | 18 | 2.4 | 1 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 948 | *Fraxinus pennsylvanica* | Green Ash | 15 | 2.4 | 1 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 949 | *Fraxinus pennsylvanica* | Green Ash | 9 | 2.4 | 2 | Poor | Almost dead, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 950 | *Fraxinus pennsylvanica* | Green Ash | 10, 10 | 2.4 | 3 | Fair-Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 951 | *Prunus avium* | Sweet Cherry | 14 | 2.4 | 3 | Good | | Public | Remove - culvert regrading works | channel |
| 954 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 2.5 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 955 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 2 | Poor | Dying, extensive epicormic shoots, EAB | Public | Remove - culvert regrading works | channel |
| 956 | *Tilia cordata* | Little Leaf Linden | 21, 18 | 2.4 | 4 | Fair | Poor form, grape in crown | Public | Remove - culvert regrading works | channel |

# Appendix C

## Tree Inventory Culvert Works South of Fairview Street

# Appendix C

## Tree Inventory Culvert Works South of Fairview Street

| Tag No. | Scientific Name | Common Name | DBH (cm) | TPZ | Crown Diameter (m) | Condition | Comments | Ownership | Recommendation |
|---|---|---|---|---|---|---|---|---|---|
| 122 | *Juglans nigra* | Black Walnut | 34, 11, 10 (37) | 2.4 | 12 | Good | Good form and vigour; Stems fork below breast height; Included bark. | Public | Preserve |
| 126 | *Gleditsia triacanthos* | Honey Locust | 50 | 3 | 14 | Fair-Good | Good form and vigour; Minor dieback and thinning; Stems fork above breast height; Included bark. | Public | Preserve |
| 127 | *Gleditsia triacanthos* | Honey Locust | 43 | 3 | 12 | Good | Good form and vigour; Good root flare. | Public | Preserve |
| 128 | *Acer platanoides* | Norway Maple | 41 | 3 | 12 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve with Injury [11% incursion] |
| 288 | *Fraxinus pennsylvanica* | Green Ash | 16 | 2.4 | 7 | Poor | Almost dead; Significant dieback and thinning; Evidence of EAB infestation. | Public | Remove - culvert regrading works |
| 289 | *Juglans nigra* | Black Walnut | 32 | 2.4 | 12 | Good | Good form and vigour. | Public | Preserve |
| 290 | *Juglans nigra* | Black Walnut | 24 | 2.4 | 7 | Good | Good form and vigour. | Public | Preserve |
| 291 | *Juglans nigra* | Black Walnut | 22 | 2.4 | 7 | Good | Good vigour. | Public | Preserve |
| 292 | *Acer negundo* | Manitoba Maple | 15, 17, 23 (37) | 2.4 | 9 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 293 | *Ulmus americana* | White Elm | 19 | 2.4 | 8 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 294 | *Acer platanoides* | Norway Maple | 35 | 2.4 | 12 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 295 | *Juglans nigra* | Black Walnut | 28 | 2.4 | 9 | Good | Good form and vigour. | Public | Preserve |
| 296 | *Acer negundo* | Manitoba Maple | 33 | 2.4 | 11 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 297 | *Fraxinus pennsylvanica* | Green Ash | 15, 10, 5, 7 (20) | 2.4 | 7 | Poor | Significant dieback and thinning; Stems fork at ground; Included bark; Evidence of EAB infestation. | Public | Preserve |
| 298 | *Acer saccharinum* | Silver Maple | 17, 5 (18) | 2.4 | 7 | Fair-Good | Good form and vigour; Minor dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 302 | *Fraxinus pennsylvanica* | Green Ash | 8, 2, 1, 1 (8) | 1.8 | 3 | Fair | Good vigour; Moderate dieback and thinning; Stems fork at ground; Included bark. | Public | Remove - culvert regrading works |
| 304 | *Fraxinus pennsylvanica* | Green Ash | 8 | 1.8 | 2 | Fair | Good form; Moderate dieback and thinning. | Public | Remove - culvert regrading works |
| 364 | *Juglans nigra* | Black Walnut | 11 | 2.4 | 6 | Good | Good form and vigour | Municipal Road Allowance | Remove - culvert regrading works |
| 365 | *Juglans nigra* | Black Walnut | 8 | 1.8 | 4 | Good | Good form and vigour | Municipal Road Allowance | Remove - culvert regrading works |
| 366 | *Salix x fragilis* | Crack Willow | 16 | 2.4 | 6 | Fair-Good | Good vigour; Minor dieback and thinning; Slight lean towards the north west. | Public | Remove - culvert regrading works |
| 367 | *Salix x fragilis* | Crack Willow | 17 | 2.4 | 6 | Fair | Good vigour; Moderate dieback and thinning. | Public | Remove - culvert regrading works |
| 368 | *Fraxinus pennsylvanica* | Green Ash | 12 | 2.4 | 6 | Fair | Good form; Moderate dieback and thinning; Peeling bark. | Public | Remove - culvert regrading works |
| 369 | *Fraxinus pennsylvanica* | Green Ash | 11 | 2.4 | 6 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Remove - culvert regrading works |
| 370 | *Salix x fragilis* | Crack Willow | 8 | 1.8 | 5 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Remove - culvert regrading works |
| 371 | *Fraxinus pennsylvanica* | Green Ash | 9, 4 (9) | 1.8 | 6 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork at ground; Included bark. | Public | Remove - culvert regrading works |

| Tag No. | Scientific Name | Common Name | DBH (cm) | TPZ | Crown Diameter (m) | Condition | Comments | Ownership | Recommendation |
|---|---|---|---|---|---|---|---|---|---|
| 372 | *Fraxinus pennsylvanica* | Green Ash | 4, 3, 6, 7, 6, 2 (12) | 2.4 | 7 | Fair-Good | Good form and vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Remove - culvert regrading works |
| 373 | *Juglans nigra* | Black Walnut | 6 | 1.8 | 5 | Good | Good form and vigour | Public | Remove - culvert regrading works |
| 374 | *Juglans nigra* | Black Walnut | 5 | 1.8 | 4 | Good | Good form and vigour | Public | Remove - culvert regrading works |
| 375 | *Acer negundo* | Manitoba Maple | 9 | 1.8 | 3 | Good | Good vigour. | Public | Remove - culvert regrading works |
| 376 | *Acer negundo* | Manitoba Maple | 14 | 2.4 | 7 | Fair-Good | Good vigour; Minor dieback and thinning. | Public | Remove - culvert regrading works |
| 377 | *Acer negundo* | Manitoba Maple | 10 | 1.8 | 6 | Good | Good vigour. | Public | Remove - culvert regrading works |
| 378 | *Salix x fragilis* | Crack Willow | 9 | 1.8 | 5 | Good | Good form and vigour. | Public | Remove - culvert regrading works |
| 379 | *Gleditsia triacanthos* | Honey Locust | 38, 32 (50) | 3 | 14 | Fair-Good | Good form and vigour; Minor dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 380 | *Juglans nigra* | Black Walnut | 12 | 2.4 | 6 | Good | Good form and vigour | Public | Remove - culvert regrading works |
| 381 | *Juglans nigra* | Black Walnut | 12 | 2.4 | 7 | Good | Good form and vigour | Public | Remove - culvert regrading works |
| 382 | *Fraxinus pennsylvanica* | Green Ash | 6, 3, 2 (7) | 1.8 | 5 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Remove - culvert regrading works |
| 383 | *Fraxinus pennsylvanica* | Green Ash | 9, 2 (9) | 1.8 | 4 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Remove - culvert regrading works |
| 384 | *Acer negundo* | Manitoba Maple | 3, 2, 3, 7 (8) | 1.8 | 6 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Remove - culvert regrading works |
| 385 | *Fraxinus pennsylvanica* | Green Ash | 7, 3, 2, 2 (8) | 1.8 | 5 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Remove - culvert regrading works |
| 386 | *Fraxinus pennsylvanica* | Green Ash | 14 | 2.4 | 5 | Fair-Good | Good vigour; Minor dieback and thinning. | Public | Preserve with Injury [14% incursion] |
| 387 | *Fraxinus pennsylvanica* | Green Ash | 8, 4, 4, 3 (10) | 1.8 | 5 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork at ground; Included bark. | Public | Preserve |
| 388 | *Fraxinus pennsylvanica* | Green Ash | 6, 3, 2 (7) | 1.8 | 5 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork at ground; Included bark. | Public | Preserve |
| 389 | *Gleditsia triacanthos* | Honey Locust | 11 | 2.4 | 6 | Good | Good form and vigour. | Public | Preserve |
| 390 | *Gleditsia triacanthos* | Honey Locust | 13 | 2.4 | 7 | Good | Good form and vigour. | Public | Preserve |
| 392 | *Fraxinus pennsylvanica* | Green Ash | 6, 2, 3, 3 (8) | 1.8 | 4 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork at ground; Included bark. | Public | Preserve |
| 393 | *Fraxinus pennsylvanica* | Green Ash | 6, 7 (9) | 1.8 | 5 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork at ground; Included bark. | Public | Preserve |
| 394 | *Fraxinus pennsylvanica* | Green Ash | 4 | 1.8 | 2 | Fair-Good | Good vigour; Minor dieback and thinning. | Public | Preserve |
| 395 | *Fraxinus pennsylvanica* | Green Ash | 6 | 1.8 | 3 | Fair-Good | Good vigour; Minor dieback and thinning. | Public | Preserve |
| 396 | *Acer platanoides* | Norway Maple | 6, 3 (7) | 1.8 | 4 | Good | Good vigour; Stems fork below breast height; Included bark. | Public | Preserve |
| 451 | *Acer negundo* | Manitoba Maple | 7, 3, 3 (8) | 1.8 | 4 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Preserve |
| 495 | *Acer negundo* | Manitoba Maple | 7, 3 (8) | 1.8 | 3 | Good | Good vigour; Stems fork below breast height; Included bark. | Public | Remove - culvert regrading works |
| 496 | *Gleditsia triacanthos* | Honey Locust | 46 | 3 | 11 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 497 | *Gleditsia triacanthos* | Honey Locust | 19, 41, 15 (48) | 3 | 13 | Fair-Good | Good form and vigour; Minor dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |

| Tag No. | Scientific Name | Common Name | DBH (cm) | TPZ | Crown Diameter (m) | Condition | Comments | Ownership | Recommendation |
|---|---|---|---|---|---|---|---|---|---|
| 498 | *Salix x fragilis* | Crack Willow | 16 | 2.4 | 7 | Poor-Fair | Significant dieback and thinning; Peeling bark; Epicormic shoots along stem and at base. | Public | Remove - culvert regrading works |
| 499 | *Acer negundo* | Manitoba Maple | 6 | 1.8 | 3 | Good | Good form and vigour. | Public | Remove - culvert regrading works |
| 500 | *Fraxinus pennsylvanica* | Green Ash | 5, 2, 2, 2, 3 (7) | 1.8 | 4 | Fair-Good | Good vigour; Stems fork at ground; Included bark; Minor dieback and thinning. | Public | Remove - culvert regrading works |
| 654 | *Fraxinus pennsylvanica* | Green Ash | 19, 9, 6, 2, 3 (22) | 2.4 | 8 | Fair | Good vigour; Moderate dieback and thinning; Stems fork at ground; Included bark; Evidence of EAB infestation. | Public | Preserve |
| 655 | *Acer negundo* | Manitoba Maple | 16, 15 (22) | 2.4 | 9 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 657 | *Acer platanoides* | Norway Maple | 31 | 2.4 | 10 | Poor-Fair | Significant dieback and thinning; Several large dead branches in canopy; Peeling bark. | Public | Preserve |
| 957 | *Tilia americana* | Basswood | 18 | 2.4 | 6 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Municipal Road Allowance | Preserve |
| 959 | *Celtis occidentalis* | Common Hackberry | 9 | 1.8 | 6 | Good | Good form and vigour. | Municipal Road Allowance | Preserve |
| 960 | *Picea pungens* | Blue Spruce | 21 | 2.4 | 4 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 963 | *Juglans nigra* | Black Walnut | 24 | 2.4 | 8 | Good | Good form and vigour. | Public | Remove - culvert regrading works |
| 969 | *Gleditsia triacanthos* | Honey Locust | 35 | 2.4 | 12 | Fair-Good | Good form and vigour; Minor dieback and thinning. | Public | Preserve |
| 970 | *Acer platanoides* | Norway Maple | 33, 13, 10, 14 (39) | 2.4 | 12 | Fair | Good form; Moderate dieback and thinning; Stems fork below breast height; Included bark. | Public | Preserve |
| 1498 | *Fraxinus pennsylvanica* | Green Ash | 8, 7, 4, 4 (12) | 2.4 | 6 | Fair-Good | Good vigour; Minor dieback and thinning; Stems fork near ground; Included bark. | Public | Preserve |