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Arborist Report and Tree Preservation Plan

Hillsburgh Subdivision Project – 63 and 63A Trafalgar Road

Palmer Project #
2105001

Prepared For
Ballantry Homes Inc.

Updated: December 22, 2023

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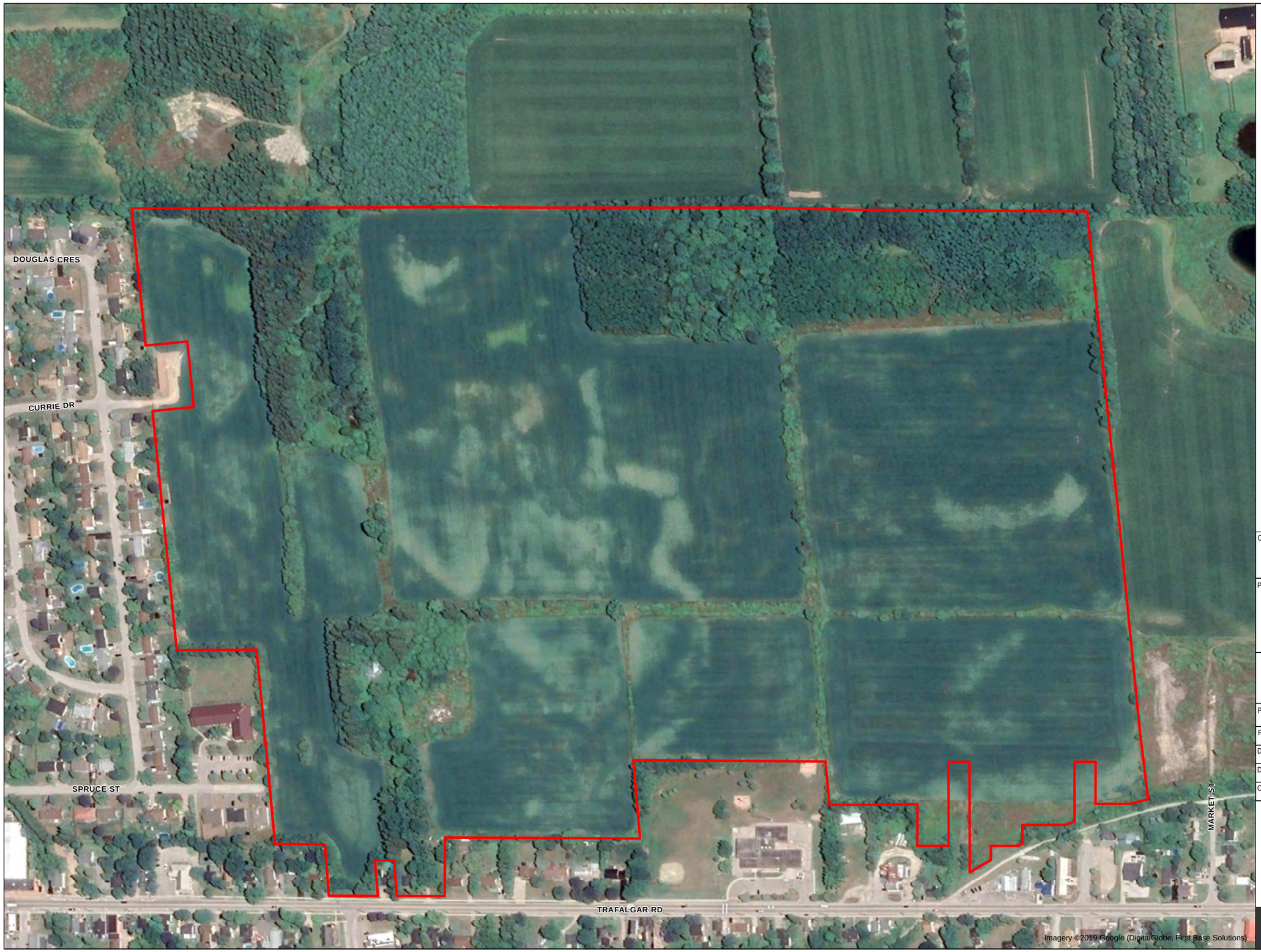
1. Introduction

Palmer is pleased to provide this Updated Arborist Report and Tree Preservation Plan (TPP) for the proposed subdivision development located southeast of the built-up area of Hillsburgh, on the north side of Trafalgar Road, and west of County Road 22 (the Subject Property – **Figure 1**).

The Subject Property comprises an area of approximately 52 hectares (ha) and primarily consists of agricultural fields and fencerows. A former homestead area extends into the property from the 63 Trafalgar Road address. On the north side of the property, two woodlands are found, the northern one containing a wetlands and open pond. The topography gently slopes from the north down towards Trafalgar Rod, though the two woodlands are steeper to the northern property limits. The Subject Property is located within the Credit Valley Conservation's (CVC) West Credit River subwatershed. The northern portion of the Subject Property is partly regulated by CVC under the Ontario Regulation 166/06.

This report includes a review of relevant tree preservation policies, the tree inventory methods, and results. The report identifies trees proposed to be retained and recommended tree protection measures, as well as identifying trees proposed to be removed. Recommendations for construction methods are also detailed, as they pertain to trees.



LEGEND:

Subject Site (52.23 ha)

Key Map

CLIENT:

Ballantry Homes

PREPARED BY:

Palmer | PART OF SLR

0 50 100 150

metres

PROJECT:	Hillsburgh Due DIligence		
PROJECT NO.	2105001	REVISION:	1-1
DATE:	Dec 21, 2023	SCALE:	1:3500
DRAWN:	SM	DATUM:	NAD 1983
CHECKED:	AA	PROJECTION:	UTM zone 17

Site Location

Figure 1

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001_1-1_Site Location.mxd

2. Guidance Documents

2.1 County of Wellington By-Law 5115-09

By-law 5115-09 prohibits and regulates the destruction of trees in the County of Wellington (County of Wellington, 2009). The By-law applies to defined *"woodlands" as land, one hectare (2.47 acres) or more in area measured to the drip line, and includes any unforested corridors within the area that are equal to or less than 30 metres (98.4 feet) in width, with at least:*

(i) 1,000 trees, of any size, per hectare (405 trees, of any size, per acre);
(ii) 750 trees, measuring over 5 centimetres in diameter, per hectare (304 trees, measuring over 2 inches in diameter, per acre);
(iii) 500 trees, measuring over 12 centimetres in diameter, per hectare (202 trees, measuring over 4.7 inches in diameter, per acre); or
(iv) 250 trees, measuring over 20 centimetres in diameter, per hectare (101 trees, measuring over 7.9 inches in diameter, per acre).

but does not include a cultivated fruit orchard, nut orchard or a plantation established for the purpose of producing Christmas trees. For the purpose of the definition of woodlands, all measurements of the trees are to be taken at 1.37 metres (4.5 feet) from the ground.

Section 3.1(d) exempts the *"injuring or destruction of trees imposed after December 31, 2002 as a condition to the approval of a site plan, a plan of subdivision or a consent under Section 41, 51 or 53, respectively, of the Planning Act or as a requirement of a site plan agreement or subdivision agreement entered into under those sections".*

This Arborist Report and Tree Protection Plan are submitted as part of a Plan of Subdivision Application, and the by-law would not apply upon approval. However, the by-law is considered in the definition of woodlands.

2.2 Town of Erin Official Plan (Office Consolidation 2021)

The Town of Erin OP was approved by Wellington County Council in December of 2004 and went through office consolidation in July of 2021 (Town of Erin, 2021). The Town of Erin is aware of the critical role woodlands play in erosion control, groundwater storage, and habitat for flora and fauna. Significant Woodlands, designated by the County of Wellington, are protected from development or site alteration. However, the "*Town also recognizes that smaller wooded areas also have local significance. Where practical, these smaller woodlots should be protected, even if they are not included in a Greenlands designation".*

This arborist report follows the guidance provided in the Town of Erin *Engineering Design Standards Manual* (Town of Erin, 2021).

2.3 Migratory Birds Convention Act

The *Migratory Birds Convention Act* (MBCA), 1994 and *Migratory Birds Regulations* (MBR) 2014, together with the provincial *Fish and Wildlife Conservation Act* (1997), protect most species of migratory birds and their nests and eggs anywhere they are found in Canada. General prohibitions under the MBCA and MBR protect migratory birds, their nests, and eggs, and prohibit the deposition of harmful substances in waters/areas frequented by them (Government of Canada, 1994). The MBR includes an additional prohibition against incidental take, which is the inadvertent harming or destruction of birds, nests, or eggs.

2.4 Endangered Species Act

Species designated as Threatened or Endangered by the Committee on the Status of Species at Risk in Ontario (COSSARO), otherwise known as Species at Risk in Ontario (SARO), and their habitats (e.g., areas essential for breeding, rearing, feeding, hibernation and migration) are afforded legal protection under the Endangered Species Act (ESA) (Government of Ontario, 2007). The ESA is currently administered by the Ministry of Environment, Conservation and Park (MECP). Species at Risk (SAR) protected by the ESA include tree species, such as Butternut (*Juglans cinerea*), Kentucky Coffeetree (*Gymnocladus dioicus*), and American Chestnut (*Castanea dentata*).

3. Methods

3.1 Tree Inventory

The tree inventory was completed on October 24 and November 4, 10, and 23, 2022. The inventory included all trees ≥10 cm in diameter at breast height (DBH) within the Subject Property and 10 metres (m) beyond the development and grading limits and/or property boundary, as applicable. Municipally owned trees have been included, regardless of DBH. Information collected during the inventory included species name, tree tag number, geo-location, DBH, a general health assessment (overall health, vigour, structural integrity), canopy diameter, and notes on tree trunk and canopy conditions.

Note that the northeastern woodlands on-site are designated as Significant Woodlands, and are to be retained and protected from development with the establishment of a minimum 10 m setback. As these trees are beyond applicable tree protection zones (TPZ) and there are no predicted impacts, these trees were not inventoried.

3.2 Tree Sampling for DNA Analysis

The inventory also sought to identify trees listed under the *Endangered Species Act* (Government of Ontario, 2007). On November 10 and November 23, 2022 samples were taken from 10 trees (6 trees with a DBH >10 cm) that were potentially Butternut (*Juglans cinerea*), an Endangered species. Twigs, leaves, and bark were collected from each tree and sent to NatureMetrics, a DNA-based Monitoring corporation, for analysis.

4. Results

4.1 Tree Inventory

The tree inventory included a total of 1,024 individual trees and 14 tree groups (~404 trees) (**Figure 2; Appendix A**) consisting of a mix of native and non-native tree species in good to poor condition (**Table 1 and Table 2**). Non-native Manitoba Maple (*Acer negundo*) was the most common species recorded within the property; while native, this species has invasive traits that allow it to spread aggressively and outcompete other species in Ontario in developed areas. There were no Species at Risk (SAR) trees observed during the 2022 field investigation.

Table 1. Summary of Individual Tree Inventory Results

Scientific Name	Common Name	Total Count
Unknown Species (dead)	Unknown Species (dead)	5
*Acer negundo**	Manitoba Maple	388
*Acer platanoides**	Norway Maple	59
Acer rubrum	Red Maple	3
Acer saccharinum	Silver Maple	9
Acer saccharum	Sugar Maple	82
Acer sp.	Maple	1
Betula papyrifera	Paper Birch	2
Fraxinus americana	White Ash	11
Fraxinus pennsylvanica	Green Ash	10
Fraxinus sp.	Ash	5
Juglans nigra	Black Walnut	43
Juglans sp. hybrid	Walnut hybrid	6
Juniperus virginiana	Red Cedar	2
Malus sp.	Apple	13
*Picea abies**	Norway Spruce	84
Picea glauca	White Spruce	120
*Picea pungens**	Blue Spruce	22
Pinus resinosa	Red Pine	4
Pinus sp.	Pine	5
Pinus strobus	White Pine	16
*Pinus sylvestris**	Scot's Pine	19
Populus balsamifera	Balsam Poplar	3
Populus grandidentata	Largetooth Aspen	4
Populus sp.	Poplar	1
Prunus serotina	Black Cherry	30

Scientific Name	Common Name	Total Count
Prunus sp.	Cherry	11
Quercus rubra	Red Oak	1
Thuja occidentalis	Eastern White Cedar	59
Tilia americana	Basswood	2
Ulmus americana	White Elm	1
*Ulmus pumila**	Siberian Elm	3
Total Inventoried Individual Trees		**1,024**

*Non-native species

Table 2. Summary of Tree Group Inventory Results

Tree Group	Species Composition (%)	Total Count
TG1	Eastern White Cedar (100%)	10
TG2	Eastern White Cedar (92%), Manitoba Maple* (8%)	38
TG3	Eastern White Cedar (100%)	15
TG4	Eastern White Cedar (100%)	15
TG5	Eastern White Cedar (100%)	15
TG6	Norway Spruce* (75%), Northern Red Oak (11%), Ash sp. (11%), Manitoba Maple* (2%), Blue Spruce* (1%)	133
TG7	Manitoba Maple* (80%), Black Cherry (10%), Basswood (10%)	10
TG8	Ash sp. (49%), Manitoba Maple* (12%), Norway Spruce* (12%), Norway Maple* (12%), Apple sp. (7%), Scots Pine* (5%), Black Cherry (2%)	41
TG9	Norway Spruce* (71%), Scots Pine* (29%)	7
TG10	Black Cherry (59%), Norway Maple* (29%), Ash sp. (12%)	17
TG11	Eastern White Cedar (50%), Scots Pine* (27%), Blue Spruce* (10%), White Spruce (7%), Manitoba Maple* (3%), Black Cherry (7%)	30
TG12	Black Cherry (100%)	11
TG13	White Pine (54%), White Spruce (38%), Black Cherry (8%)	39
TG14	Trembling Aspen (91%), Manitoba Maple* (9%)	23
Total Inventoried Trees		**404**

*Non-native species

4.2 Trees to be Retained

A total of 147 inventoried individual trees and 10 tree groups (310 trees) are proposed to be retained (**Table 3** and **Table 4**). These trees range from poor to good condition. One individual tree was observed to be dead but is not within the Subject Property boundary. With proper adherence to tree protection methods (**Section 5**), these trees are not expected to be impacted during the proposed construction works.

Table 3. Individual Trees Proposed to be Retained

Scientific Name	Common Name	Count
*Acer negundo**	Manitoba Maple	14
*Acer platanoides**	Norway Maple	21
Acer saccharinum	Silver Maple	3
Acer saccharum	Sugar Maple	20
Betula papyrifera	Paper Birch	1
Fraxinus americana	White Ash	2
Fraxinus pennsylvanica	Green Ash	1
Fraxinus sp.	Ash	1
Juglans nigra	Black Walnut	1
Juniperus virginiana	Red Cedar	2
Malus sp.	Apple	5
*Picea abies**	Norway Spruce	25
Picea glauca	White Spruce	11
*Picea pungens**	Blue Spruce	13
Pinus resinosa	Red Pine	1
Pinus strobus	White Pine	13
*Pinus sylvestris**	Scots Pine	5
Populus grandidentata	Large-tooth Aspen	1
Prunus sp.	Cherry	1
Thuja occidentalis	Eastern White Cedar	6
Total Trees to be Retained		**147**

*Non-native species

Table 4. Tree Groups Proposed to be Retained

Tree Group	Species Composition (%)	Total Count
TG1	Eastern White Cedar (100%)	10
TG3	Eastern White Cedar (100%)	15
TG5	Eastern White Cedar (100%)	15
TG6	Norway Spruce* (75%), Northern Red Oak (11%), Ash sp. (11%), Manitoba Maple* (2%), Blue Spruce* (1%)	133
TG7	Manitoba Maple* (80%), Black Cherry (10%), Basswood (10%)	10
TG8	Ash sp. (49%), Manitoba Maple* (12%), Norway Spruce* (12%), Norway Maple* (12%), Apple sp. (7%), Scots Pine* (5%), Black Cherry (2%)	41
TG9	Norway Spruce* (71%), Scots Pine* (29%)	7
TG10	Black Cherry (59%), Norway Maple* (29%), Ash sp. (12%)	17
TG13	White Pine (54%), White Spruce (38%), Black Cherry (8%)	39
TG14	Trembling Aspen (91%), Manitoba Maple* (9%)	23

Tree Group	Species Composition (%)	Total Count
Total Trees to be Retained		**310**

*Non-native species

4.3 Trees to be Potentially Injured

A total of 29 inventoried individual trees and 2 tree groups (45 trees) may potentially be injured during the proposed works (**Table 5** and **Table 6**). These trees range from poor to good condition. A total of eight individual trees that labelled as "potentially injured" are dead but are not within the Subject Property boundary. These trees should be retained as part of the development, and documenting photographs taken prior to site clearing activities.

Table 5. Individual Trees to be Potentially Injured

Scientific Name	Common Name	Total Count
Unknown Species (dead)	Unknown Species (dead)	1
*Acer negundo**	Manitoba Maple	4
*Acer platanoides**	Norway Maple	10
Acer saccharum	Sugar Maple	2
Fraxinus sp.	Ash	1
Picea pungens*	Blue Spruce	2
Pinus sp.	Pine	5
Pinus strobus	White Pine	1
Populus grandidentata	Large-tooth Aspen	2
Prunus sp.	Cherry	1
Total Individual Trees to be Potentially Injured		**29**

*Non-native species

Table 6. Tree Groups to be Potentially Injured

Tree Group	Species Composition (%)	Total Count
TG4	Eastern White Cedar (100%)	15
TG11	Eastern White Cedar (50%), Scots Pine* (27%), Blue Spruce* (10%), White Spruce (7%), Manitoba Maple* (3%), Black Cherry (7%)	30
Total Trees to be Potentially Injured		**45**

*Non-native species

4.4 Trees to Remove if Necessary (Perimeter)

A number of trees are found along the perimeter of the proposed development, and may require removal to create level lots. Lot grading will use best efforts to minimize perimeter disturbance and preserve existing

trees. However, while there may be opportunities to retain these trees, they are designated for removal at present. This includes a total of 115 inventoried individual trees and 3 tree groups (~49 trees) may need to be removed if necessary for grading works (**Table 7** and **Table 8**). These trees range from poor to good condition, with one dead tree among (#651) found among a fencerow.

Table 7: Individual Trees to be Removed if Necessary

Scientific Name	Common Name	Total Count
*Acer negundo**	Manitoba Maple	64
*Acer platanoides**	Norway Maple	12
Acer saccharinum	Silver Maple	4
Fraxinus pennsylvanica	Green Ash	6
Fraxinus sp.	Ash	1
Juglans nigra	Black Walnut	9
Malus sp.	Apple	2
*Picea abies**	Norway Spruce	3
*Picea pungens**	Blue Spruce	7
Pinus strobus	White Pine	2
Populus grandidentata	Large-tooth Aspen	1
Prunus serotina	Black Cherry	1
Thuja occidentalis	Eastern White Cedar	1
Tilia americana	Basswood	1
Ulmus pumila	Siberian Elm	1
Total Individual Trees to Remove if Necessary		**115**

*Non-native species

Table 8. Tree Groups to be Removed if Necessary (Perimeter)

Tree Group	Species Composition (%)	Total Count
TG2	Eastern White Cedar (92%), Manitoba Maple* (8%)	38
TG12	Black Cherry (100%)	11
Total Trees to be Removed if Necessary		**49**

*Non-native species

4.5 Trees to be Removed

A total of 733 individual trees are proposed to be removed (**Table 9**). 170 of these trees are in poor health or are already dead, with the remainder in good to fair condition. Most of these trees are within the proposed footprint of the development or their Tree Protection Zone (TPZ) largely overlaps with the grading limits. Therefore, removal is required to allow for the proposed development plan and associated construction works.

Table 9. Individual Trees Proposed to be Removed

Scientific Name	Common Name	Total Count
Unknown Species (dead)	Unknown Species (dead)	4
*Acer negundo**	Manitoba Maple	306
*Acer platanoides**	Norway Maple	16
Acer rubrum	Red Maple	3
Acer saccharinum	Silver Maple	2
Acer saccharum	Sugar Maple	60
Acer sp.	Maple	1
Betula papyrifera	Paper Birch	1
Fraxinus americana	White Ash	9
Fraxinus pennsylvanica	Green Ash	3
Fraxinus sp.	Ash	2
Juglans nigra	Black Walnut	33
Juglans sp. hybrid	Walnut hybrid	6
Malus sp.	Apple	6
*Picea abies**	Norway Spruce	56
Picea glauca	White Spruce	109
Pinus resinosa	Red Pine	3
*Pinus sylvestris**	Scots Pine	14
Populus balsamifera	Balsam Poplar	3
Populus sp.	Poplar	1
Prunus serotina	Black Cherry	29
Prunus sp.	Cherry	9
Quercus rubra	Red Oak	1
Thuja occidentalis	Eastern White Cedar	52
Tilia americana	Basswood	1
Ulmus americana	White Elm	1
*Ulmus pumila**	Siberian Elm	2
Total Trees to be Removed		**733**

*Non-native species

4.6 DNA Analysis of Walnut Trees

Eight of the ten trees sampled for DNA analysis were identified as Japanese Walnut (*Juglans ailantifolia*) and two tree samples were “undetermined” (Palmer, 2023). All sampled trees sent for DNA analysis have been identified as ‘*Juglans* sp. hybrid’ in this report. Given these results, it is in Palmer’s professional opinion that the two “undetermined” tree samples are not Butternut (also know as White Walnut). As hybrids or other walnut species, these trees are not protected under the *Endangered Species Act* (Government of Ontario, 2007). Thus, there is no potential constraint related to the *Endangered* Butternut (White Walnut), on the Subject Property.

5. Tree Preservation Plan

The specifications for tree protection are detailed on the Tree Preservation Plan (**Appendix B – Figure 2**), including the locations of required tree protection fencing. The Tree Preservation Plan is intended to act in concert with this Arborist Report; it is expected that the recommendations of both instruments be implemented within construction drawings and/or Site Plans for the project. Trees proposed to be retained on the Subject Property will be protected by tree protection fencing, which is to be placed at minimum 0.3 m beyond the dripline as per the *Town of Erin Engineering Design Standards Manual* (Town of Erin, 2021).

5.1 Tree Protection Zone

Most trees proposed to be retained will be primarily protected by tree protection fencing or pre-existing fencing along the perimeter. Tree protection fencing is to be placed at or beyond their Tree Protection Zone (TPZ). No construction, grade changes, surface treatments or excavation of any kind are permitted within the TPZ. As TPZ distances are not defined by the Town of Erin (2021), standard distances determined by the ISA have been applied for this project (Table 10) (Lilly, 2010).

Table 10: Tree Protection Zones

DBH*	Minimum TPZ Distance**
<10 cm	1.2 m
10-29 cm	1.8 m
30-40 cm	2.4 m
41-50 cm	3.0 m
51-60 cm	3.6 m
61-70 cm	4.2 m
71-80 cm	4.8 m
81-90 cm	5.4 m
91-100 cm	6.0 m
>100 cm	6 cm protection for each 1 cm diameter

*DBH measurement of tree is taken at 1.4 metres above the ground
**TPZ distances are to be measured from the outside edge of the tree base

5.2 Tree Protection Fencing

Tree protection fencing is recommended to consist of rigid snow fencing complete with iron “T” bars placed at a maximum of two (2) metres (m) on-centre (maximum spacing). Snow fencing is to be 1.2 m high and should be supported by a top wire to prevent drooping. Prior to the start of any site work, the Contractor shall supply and install tree protection barriers around each tree or group of trees designated to be protected (**Appendix B – Figure 2**) to the satisfaction of the Town.

Tree fencing, as a minimum, is to be located 0.3 m outside of the tree dripline (**Appendix B – Figure 2**). The dripline is defined as the outside edge of the tree canopy. The TPZ for each tree as provided in this

report uses distances outlined by the ISA as a conservative and quantifiable measure of the dripline (Lilly, 2010). All supports and bracing used to secure the barrier should be located outside the Tree Protection Zone to minimize damage to roots. No fill, machinery, chemicals, fuel, or materials are to be placed within the protective barrier. No re-grading, including filling or excavation, is to take place within the protected area.

General construction specifications in relation to trees are also detailed on the Tree Preservation Plan (**Appendix B – Figure 2**). These specifications provide additional details regarding tree protection fencing and their management.

Tree protection zones demarcated by the fencing are to include signs (as per below) secured at regular intervals on the fencing. The signs are recommended to be 40 cm x 60 cm and made of white corrugated plastic board or equivalent material. It is recommended that the Town logo be included on this signage.

Tree Protection Zone (TPZ)
All construction related activities, including grade alteration, excavation, soil compaction, any materials or equipment storage, disposal of liquid and vehicular traffic are NOT permitted within this TPZ. This tree protection barrier must remain in good condition and must not be removed or altered without authorization of the Town of Erin. Concerns or inquiries regarding this TPZ can be directed to 519-855-4407 OR planning@erin.ca.

5.3 Site Access

For the preservation of trees, it is recommended that construction access be from the points detailed on **Appendix B – Figure 2**. As the home at 63 Trafalgar Road is to be retained, access from this point should be avoided to mitigate for compaction and limb damage from larger construction vehicles. Should access from 63 Trafalgar Road be determined as essential, it should be placed as far away from the TPZ of the trees to be retained, and rig-matting (horizontal root protection) should be placed to reduce compaction on the root systems of those trees (**Appendix B – Figure 2E**).

5.4 Felling and Grinding

To protect adjacent trees, trees to be removed will be felled into the Subject Property by a qualified arborist using good arboricultural practices. Tree protection fencing shall be installed for trees to be retained prior to tree removal unless the fencing will directly interfere with undertaking of approved tree removal.

For removals adjacent to trees to be retained, it is recommended that they be stumped and grinded as required rather than root removal (e.g., stump pulling), as root pulling has the potential to adversely affect trees to be retained. This includes trees **#908, 909, 910, 922, 923, 924, 932, 933, 934, 968, 993, 997, 998, 206i, 1000, 207i, 209i, 215i, 216i, 217i, 16, 3, 23, 72, 73, 643, 644, TG2, 645, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 699, 698, 697, 700, 701,** and **702** specifically, which are found among/adjacent to trees to be retained.

5.5 Additional Tree Protection Measures for Trees Potentially Injured

For trees whose TPZ approaches the Project limits without a significant degree of overlap (Section 4.3), these trees can be preserved; however, there is the potential for injury. Therefore, additional protection measures have been recommended below.

For trees on adjacent properties at the project perimeter, canopy clearance pruning and/or root-sensitive excavation and root pruning have been recommended as necessary. To determine protection measure requirements, it is recommended that the TPZ for these trees (**Figure 2**) be staked in relation to the project (**Appendix B**). Should grading limits not be able to be adjusted for these trees, these measures should be implemented as necessary.

5.5.1 Canopy Clearance Pruning

As determined by project limit staking, canopy clearance pruning may be required where there is a likelihood of injury of scaffold branches due to contact by construction equipment, and where re-routing construction equipment is not feasible due to site disturbance requirements (**Figure 2**). Pruning must be undertaken by an ISA Certified Arborist or an Ontario College of Trades 444A Arborist or Arborist Apprentice only; no other trades personnel are permitted to prune trees.

5.5.2 Root-sensitive Excavation and Root Pruning

As detailed above, where excavation or site grading is determined to be required within a TPZ of a "potentially injured" tree, root-sensitive excavation and root pruning shall be undertaken prior to conventional excavation. The purpose of root-sensitive excavation and root pruning is to enable tree roots to be cleanly severed and to prevent root damage in the un-excavated area through tearing, fracturing or breakage caused by conventional excavation equipment.

5.5.3 Root-sensitive excavation

Root-sensitive excavation shall be undertaken utilizing pneumatic soil excavation (e.g., AirSpade or similar) or hydro-vac excavation. Root-sensitive excavation shall be undertaken by excavating a trench approximately 200 mm wide and 1.0 m deep (or maximum depth of proposed excavation, whichever is greater) along the edge of the area to be excavated. The trench shall be set as far from the base of the tree as possible, and shall extend, at minimum, along the entire length of the proposed excavation within the minimum required TPZ.

5.5.4 Root pruning

Following root-sensitive excavation and prior to conventional excavation or grading, all exposed roots shall be properly pruned by a qualified tree professional. Root pruning shall be undertaken in the following manner:

1. Exposed roots shall be pruned back to the face of trench wall to be retained (i.e., the back face of the trench). No roots greater than 6 cm (2.5") in diameter shall be pruned without authorization of the Town of Erin or its designate.
2. All roots must be pruned with clean and sharp hand tools only. Shovels, picks or other construction tools shall not be used to prune roots. Wound dressings or pruning paint shall not be used to cover the ends of any cut.
3. Roots should be pruned in a similar fashion as branches, taking care to maintain the integrity of the root bark ridge, where present. Roots should be pruned back to a lateral root at least one third of the diameter; root stubs must not be left upon completion of root pruning.
4. Prolonged exposure of tree roots must be avoided. All pruned roots should be covered with soil or excavated trenches should be backfilled with native material as soon as possible following root pruning.
5. If conventional excavation is not scheduled to occur immediately after root-sensitive excavation and root pruning, the trench should be backfilled. The TPZ barrier should be set to the limit of the trench to ensure that excavation does not extend beyond the limit of root pruning.

6. Conventional excavation must not encroach beyond the back face of the trench and limit of root pruning in order to prevent further damage to pruned roots.

6. Tree Replacement

As outlined in Town of Erin (2021), the standard compensation rates for trees removed from a landscaped setting are calculated using **Table 11.** *The replacement value of a tree is determined by its caliper at breast height, corresponding replacement caliper range, and compensation rate. Trees that have been removed prior to being inventoried will be compensated at the discretion of the Town, to ensure the principle of 'no net loss of trees' is followed.*

Table 11. Tree Compensation Ratios (Town of Erin, 2021)

Remove Tree DBH	Compensation Ratio
100 mm – 150 mm	1 to 1
151 mm – 350 mm	2 to 1
351 mm – 500 mm	3 to 1
>501 mm	4 to 1

All replacement trees should meet nursery stock standards unless otherwise indicated. Prior to calculating compensation, a tree health coefficient is applied (**Table 12**). The appropriate coefficient is multiplied by the replacement rate to determine compensation rate. The replacement rate is rounded up to a whole number (Town of Erin, 2021).

Table 12. Tree Health Coefficient (Town of Erin, 2021)

Health of Tree	Health Coefficient
Dead	0
Hazard or Infected	0.25
Poor	0.5
Fair	0.75
Good	1

A total of 733 trees are to be removed as a result of the project (**Table 9**). In addition, 115 trees and two tree groups (49 trees) are within the perimeter of the Subject Property and may be removed for grading purposes (**Tables 7 and 8**). Palmer recommends that these trees be retained if possible. If removed, compensation rates would be applicable.

Following the compensation ratios and health coefficients (**Tables 11 and 12**), 1,186 trees would be required in compensation for the 733 trees removed (**Table 13**). Should the 164 perimeter trees also be removed, an additional 156 trees would be required in compensation, for a total of 1,342 trees.

In the event the minimum number of replacement trees cannot be met, the Town of Erin requires compensation in the form of shrubs (5:1 shrub to tree ratio). If compensation in the form of shrubs cannot be met, a cash-in-lieu format may be agreed upon in which a fee of $500 per replacement tree not planted on site applies.

Table 13: Compensation for Tree Removals

Compensation Ratio	Health Coefficient	Count - Remove	Compensation - Remove	Count - Potential Remove	Compensation - Potential Remove	Total Compensation
0	0.75	2	0	49	0	0
1	0	7	0	1	0	0
	0.25	1	0.25		0	0.25
	0.5	13	6.5	9	4.5	11
	0.75	102	76.5	13	9.75	86.25
	1	62	62	6	6	68
2	0	8	0		0	0
	0.25	5	2.5		0	2.5
	0.5	50	50	17	17	67
	0.75	196	294	40	60	354
	1	150	300	15	30	330
3	0	4	0		0	0
	0.5	14	21	6	9	30
	0.75	22	49.5	4	9	58.5
	1	19	57	1	3	60
4	0	2	0		0	0
	0.25	1	1		0	1
	0.5	9	18	1	2	20
	0.75	17	51	2	6	57
	1	49	196		0	196
Totals		**733**	**1,185.25**	**164**	**156.25**	**1,341.5**

7. Management and Monitoring

Contractors should refer to the specifications provided on the Tree Preservation Plan (**Figures 2**), in combination with the standard practices outlined below.

7.1 Pre-Construction Phase

To avoid a MBCA or ESA offence by the inadvertent injury or destruction of trees, active nests and/or eggs during bird nesting periods and bat activity windows, it is recommended that all vegetation (including tree) removal works are conducted between November 1 and April 14 of any given year. Should tree removal during the bird nesting/bat activity season of April 15 to October 31 be unavoidable, a qualified biologist should conduct a nesting survey immediately before any vegetation removal is conducted. No branches or brush from clearing is to be stored on the Subject Property. Cutting, brush, and chipping cleanup are to be completed outside of the migratory bird nesting/bat activity season.

Trees permitted for removal shall only be destroyed following issuance of a grading or servicing permit, whichever should come first. All trees to be removed are to be felled into the proposed development area as to avoid damage to the adjacent treed areas. The tree removal permit shall be posted in a conspicuous location visible from the street, for a period of one day prior to the commencement of the approved tree injury and remain in place until the approved tree removal/injury has been completed in accordance with the permit.

The tree protection fencing should be installed before the commencement of any earth works or construction.

Appropriate preparatory tree pruning would also be completed at this point. Any pruning of tree roots and branches of tree necessary to accommodate construction work should be completed by a qualified arborist using best arboricultural practices.

7.2 Construction Phase

Contractors are responsible for all protection measures, to the satisfaction of the construction manager and a qualified project arborist. Tree protection fencing should remain in place throughout the duration of construction and works should not allow traffic, vehicles, foot traffic or equipment to compact soil within the tree protection fencing area. No construction activities including grade changes or excavation, nor the storage of equipment or materials are to occur within the tree protection fencing area. Any pruning of tree roots and branches of trees necessary to accommodate the fencing or nearby construction work should be completed by a qualified arborist using best arboricultural practices.

7.3 Post-Construction Phase

The removal of tree protection fencing, and additional tree care measures should only be completed when all construction activities have been completed and landscaping has been initiated. Any required planting and/or transplanting of landscape trees should be completed by nursery professionals or a Certified Arborist. To promote successful establishment, plantings will occur solely during the spring or fall planting seasons; being April 15 – July 1, and September 15 – November 15, respectively.

Tree plantings should be monitoring for a minimum of one growing season post-planting, per the preliminary acceptance by the Town, following Section 12.10 of the *Engineering Design Standards Manual* (Town of Erin, 2021). Monitoring efforts should assess the growth and establishment of the planted trees, ensuring that the conditions of any nursery guarantees are met.

8. Conclusions

Of the 1,428 inventoried trees, 457 are proposed to be retained, 733 are proposed to be removed, and 74 may be potentially injured during the proposed works. A further 164 trees are considered to be within the perimeter of the Subject Property and may be able to be retained, but are considered as removal trees for the purposes of this report as a conservative measure. The Tree Preservation Plan described in this report is intended to be implemented to ensure the protection for trees being retained and appropriate replacement for trees proposed to be removed. The management and monitoring recommendations are provided as direction for the various phases of construction to ensure that impacts to trees are minimized to the greatest extent feasible.

Yours truly,

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Appendix A

Tree Inventory

Appendix A

Table A: Tree Inventory – Individual Trees

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
1	*Acer saccharum*	Sugar Maple	85	85	7.0	P-F	F	F	7.3	Retain
2	*Picea glauca*	White Spruce	54	54	3.0	G	G	G	3.3	Retain
3	*Picea glauca*	White Spruce	48	48	-	D	D	D	-	Retain
4	*Picea glauca*	White Spruce	44	44	3.5	G	G	G	3.8	Retain
5	*Picea abies*	Norway Spruce	74	74	4.0	G	G	G	4.3	Retain
6	*Picea abies*	Norway Spruce	61	61	4.5	G	G	G	4.8	Retain
7	*Picea abies*	Norway Spruce	54	54	5.5	G	G	G	5.8	Retain
8	*Picea abies*	Norway Spruce	57	57	3.5	F	G	F	3.8	Retain
9	*Picea abies*	Norway Spruce	58	58	5.5	G	G	G	5.8	Retain
10	*Picea abies*	Norway Spruce	39	39	5.5	G	G	G	5.8	Retain
11	*Picea abies*	Norway Spruce	54	54	5.5	G	G	G	5.8	Retain
12	*Picea abies*	Norway Spruce	56	56	5.5	G	G	G	5.8	Retain
13	*Acer negundo*	Manitoba Maple	17+13	21	2.0	F	F	F	2.3	Perimeter
14	*Acer negundo*	Manitoba Maple	14	14	3.0	P-F	F	F	3.3	Perimeter
15	*Acer saccharum*	Sugar Maple	21	21	5.0	G	F-G	G	5.3	Retain
16	*Fraxinus americana*	White Ash	38	38	7.0	G	G	G	7.3	Retain
17	*Acer negundo*	Manitoba Maple	18	18	4.0	F	G	F	4.3	Remove
18	*Acer negundo*	Manitoba Maple	22	22	3.0	F	F	F	3.3	Remove
19	*Acer negundo*	Manitoba Maple	17+14	22	3.0	F	F	F	3.3	Remove
20	*Acer platanoides*	Norway Maple	11	11	2.5	F-G	G	G	2.8	Remove
21	*Fraxinus americana*	White Ash	15	15	3.0	F	F	F	3.3	Remove
22	*Fraxinus americana*	White Ash	13	13	3.0	F	F	F	3.3	Remove
23	*Acer platanoides*	Norway Maple	25	25	5.0	G	G	G	5.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
24	*Acer saccharum*	Sugar Maple	10	10	3.0	G	G	G	3.3	Remove
25	*Acer negundo*	Manitoba Maple	11+7	13	2.0	F	G	F	2.3	Remove
26	*Acer platanoides*	Norway Maple	10	10	2.5	F	G	F	2.8	Remove
27	*Acer saccharum*	Sugar Maple	14	14	3.0	G	G	G	3.3	Remove
28	*Acer saccharum*	Sugar Maple	10	10	3.0	G	G	G	3.3	Remove
29	*Pinus sylvestris*	Scots Pine	34	34	3.0	G	F	F	3.3	Remove
30	*Pinus sylvestris*	Scots Pine	30	30	2.5	G	F	F	2.8	Remove
31	*Pinus resinosa*	Red Pine	45	45	4.0	G	G	G	4.3	Remove
32	*Fraxinus americana*	White Ash	22	22	2.5	G	F	F	2.8	Remove
33	*Pinus sylvestris*	Scots Pine	32	32	-	D	D	D	-	Remove
34	*Pinus sylvestris*	Scots Pine	35	35	-	D	D	D	-	Remove
35	*Acer platanoides*	Norway Maple	31	31	5.0	F-G	G	G	5.3	Remove
36	*Fraxinus americana*	White Ash	21	21	6.0	F-G	G	G	6.3	Remove
37	*Fraxinus americana*	White Ash	26	26	5.0	G	G	G	5.3	Remove
38	*Acer negundo*	Manitoba Maple	17	17	4.0	F	G	G	4.3	Remove
39	*Acer saccharum*	Sugar Maple	13	13	4.0	G	G	G	4.3	Remove
40	*Acer rubrum*	Red Maple	55	55	3.5	G	G	G	3.8	Remove
41	*Acer platanoides*	Norway Maple	20	20	2.0	F	G	G	2.3	Remove
42	*Acer saccharum*	Sugar Maple	11	11	2.5	F	P	F	2.8	Remove
43	*Acer saccharum*	Sugar Maple	14	14	3.0	F	P	F	3.3	Remove
44	*Acer saccharum*	Sugar Maple	10+10	14	3.0	F	P	F	3.3	Remove
45	*Acer rubrum*	Red Maple	68	68	4.0	F-G	F	F	4.3	Remove
46	*Acer rubrum*	Red Maple	60	60	5.5	G	G	G	5.8	Remove
47	*Acer saccharum*	Sugar Maple	25	25	5.0	F	G	F	5.3	Remove
48	*Acer negundo*	Manitoba Maple	19+15	24	3.0	F	G	F	3.3	Remove
49	*Acer platanoides*	Norway Maple	22	22	3.0	G	G	G	3.3	Remove
50	*Acer saccharum*	Sugar Maple	16	16	3.0	G	G	G	3.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
51	*Acer saccharum*	Sugar Maple	22	22	2.0	P	P	P	2.3	Remove
52	*Acer platanoides*	Norway Maple	14+7	16	2.0	G	G	G	2.3	Remove
53	*Acer negundo*	Manitoba Maple	16	16	3.0	F	F	F	3.3	Remove
54	*Fraxinus americana*	White Ash	23	23	3.0	G	G	G	3.3	Remove
55	*Pinus resinosa*	Red Pine	49	49	3.5	G	G	G	3.8	Remove
56	*Acer saccharum*	Sugar Maple	12	12	2.5	F	G	F	2.8	Remove
57	*Acer saccharum*	Sugar Maple	33	33	4.0	G	G	G	4.3	Remove
58	*Pinus sylvestris*	Scots Pine	31	31	3.0	P	F	F	3.3	Remove
59	*Prunus serotina*	Black Cherry	31	31	4.0	F	F	F	4.3	Remove
60	*Prunus serotina*	Black Cherry	11+15	19	2.0	F	F	F	2.3	Remove
61	*Prunus serotina*	Black Cherry	19	19	4.0	F-P	F	F	4.3	Remove
62	*Acer saccharum*	Sugar Maple	12	12	3.0	G	G	G	3.3	Remove
63	*Pinus resinosa*	Red Pine	55	55	5.0	G	G	G	5.3	Remove
64	*Acer saccharum*	Sugar Maple	12	12	1.5	G	G	G	1.8	Remove
65	*Acer saccharum*	Sugar Maple	12	12	2.5	G	G	G	2.8	Remove
66	*Acer saccharum*	Sugar Maple	10	10	3.5	G	G	G	3.8	Remove
67	*Acer saccharum*	Sugar Maple	14	14	2.0	F	G	F	2.3	Remove
68	*Fraxinus americana*	White Ash	50	50	5.5	G	G	G	5.8	Remove
69	*Fraxinus americana*	White Ash	54	54	7.0	G	G	G	7.3	Remove
70	*Juglans* sp. hybrid	Walnut hybrid	29	29	4.0	G	G	G	4.3	Remove
71	*Fraxinus americana*	White Ash	53	53	4.0	G	F	F	4.3	Remove
72	*Juglans* sp. hybrid	Walnut hybrid	26	26	5.0	F	G	F	5.3	Remove
73	*Acer saccharum*	Sugar Maple	12	12	3.5	G	G	G	3.8	Remove
74	*Fraxinus americana*	White Ash	50	50	6.0	G	F	F	6.3	Retain
75	*Juglans* sp. hybrid	Walnut hybrid	19	19	2.5	G	F	F	2.8	Remove
76	*Acer saccharum*	Sugar Maple	64	64	6.0	G	G	G	6.3	Remove
77	*Acer saccharum*	Sugar Maple	81	81	6.0	G	G	G	6.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
78	*Acer saccharum*	Sugar Maple	71	71	7.0	P	F	F	7.3	Remove
79	*Acer saccharum*	Sugar Maple	74	74	7.0	G	G	G	7.3	Remove
80	*Acer saccharum*	Sugar Maple	74	74	6.5	G	F	F	6.8	Remove
81	*Prunus sp.*	Cherry sp.	10	10	2.5	F-G	G	G	2.8	Remove
82	*Acer platanoides*	Norway Maple	12	12	2.0	G	G	G	2.3	Remove
83	*Acer saccharum*	Sugar Maple	71	71	3.0	VP	P	P	3.3	Remove
84	*Acer saccharum*	Sugar Maple	82	82	5.0	G	G	G	5.3	Remove
85	*Acer saccharum*	Sugar Maple	103	103	9.0	G	G	G	9.3	Remove
86	*Juglans nigra*	Black Walnut	14	14	4.5	G	G	G	4.8	Remove
87	*Acer saccharum*	Sugar Maple	36	36	5.0	G	G	G	5.3	Remove
88	*Acer saccharum*	Sugar Maple	24	24	6.0	G	G	G	6.3	Remove
89	*Acer saccharum*	Sugar Maple	70	70	7.0	G	G	G	7.3	Remove
90	*Acer saccharum*	Sugar Maple	71	71	6.0	G	G	G	6.3	Remove
91	*Acer negundo*	Manitoba Maple	12+9	15	2.5	P	F	F	2.8	Remove
92	*Juglans nigra*	Black Walnut	10	10	3.5	G	F	G	3.8	Remove
93	*Acer negundo*	Manitoba Maple	22	22	4.0	G	G	G	4.3	Remove
94	*Acer negundo*	Manitoba Maple	12	12	3.0	F	G	G	3.3	Remove
95	*Juglans nigra*	Black Walnut	19	19	5.0	G	G	G	5.3	Remove
96	*Acer saccharum*	Sugar Maple	13	13	2.5	G	G	G	2.8	Remove
97	*Juglans nigra*	Black Walnut	13	13	2.5	G	G	G	2.8	Remove
98	*Acer negundo*	Manitoba Maple	14	14	3.0	G	G	G	3.3	Remove
99	*Acer saccharum*	Sugar Maple	12	12	3.5	G	G	G	3.8	Remove
100	*Acer negundo*	Manitoba Maple	13	13	3.0	G-F	G	G	3.3	Remove
101	*Acer negundo*	Manitoba Maple	20	20	5.0	G	G	G	5.3	Remove
102	*Acer negundo*	Manitoba Maple	19+17+18	31	4.5	F	G	F	4.8	Remove
103	*Acer negundo*	Manitoba Maple	13+9	16	2.5	F	G	G	2.8	Remove
104	*Acer negundo*	Manitoba Maple	19	19	3.0	F	G	G	3.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
105	*Acer negundo*	Manitoba Maple	10	10	2.0	F	G	G	2.3	Remove
106	*Picea abies*	Norway Spruce	104	104	4.0	G	G	G	4.3	Remove
107	*Acer saccharum*	Sugar Maple	10	10	3.0	G	G	G	3.3	Remove
108	*Acer platanoides*	Norway Maple	16+8	18	4.0	F	G	G	4.3	Remove
109	*Prunus sp.*	Cherry sp.	10	10	5.0	G	F	G	5.3	Remove
110	*Picea glauca*	White Spruce	17	17	3.0	G	G	G	3.3	Remove
111	*Picea glauca*	White Spruce	25	25	3.0	G	G	G	3.3	Remove
112	*Juglans nigra*	Black Walnut	11	11	2.0	F	G	G	2.3	Remove
113	*Thuja occidentalis*	Eastern White Cedar	13+11+11+7	21	2.0	F	F	F	2.3	Remove
114	*Thuja occidentalis*	Eastern White Cedar	17	17	2.0	F	F	F	2.3	Remove
115	*Acer platanoides*	Norway Maple	28	28	1.0	G	G	G	1.3	Remove
116	*Thuja occidentalis*	Eastern White Cedar	23	23	2.0	G	F	F	2.3	Remove
117	*Prunus sp.*	Cherry sp.	18	18	1.0	F	G	G	1.3	Remove
118	*Thuja occidentalis*	Eastern White Cedar	16+10	19	1.5	G	F	F	1.8	Remove
119	*Thuja occidentalis*	Eastern White Cedar	15+8	17	1.0	G	F	F	1.3	Remove
120	*Thuja occidentalis*	Eastern White Cedar	21	21	2.0	G	F	F	2.3	Remove
121	*Thuja occidentalis*	Eastern White Cedar	15	15	2.0	G	F	F	2.3	Remove
122	*Thuja occidentalis*	Eastern White Cedar	14	14	1.0	G	F	F	1.3	Remove
123	*Thuja occidentalis*	Eastern White Cedar	19	19	1.0	G	G	G	1.3	Remove
124	*Thuja occidentalis*	Eastern White Cedar	12	12	1.0	G	F	F	1.3	Remove
125	*Thuja occidentalis*	Eastern White Cedar	8+19	21	1.0	G	G	G	1.3	Remove
126	*Thuja occidentalis*	Eastern White Cedar	20	20	1.0	G	G	G	1.3	Remove
127	*Thuja occidentalis*	Eastern White Cedar	14	14	1.0	G	F	F	1.3	Remove
128	*Thuja occidentalis*	Eastern White Cedar	22	22	1.0	G	G	G	1.3	Remove
129	*Thuja occidentalis*	Eastern White Cedar	21	21	1.0	G	G	G	1.3	Remove
130	*Thuja occidentalis*	Eastern White Cedar	10	10	1.0	G	F	F	1.3	Remove
131	*Thuja occidentalis*	Eastern White Cedar	20	20	2.0	G	F	F	2.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
132	*Thuja occidentalis*	Eastern White Cedar	11	11	1.0	G	G	G	1.3	Remove
133	*Thuja occidentalis*	Eastern White Cedar	9	9	1.0	G	F	F	1.3	Remove
134	*Acer negundo*	Manitoba Maple	20+12	23	3.0	F	F	F	3.3	Remove
135	*Acer negundo*	Manitoba Maple	15	15	3.0	F	G	G	3.3	Remove
136	*Thuja occidentalis*	Eastern White Cedar	13+7+14+18	27	2.5	G	G	G	2.8	Remove
137	*Thuja occidentalis*	Eastern White Cedar	14+6	15	1.0	G	F	F	1.3	Remove
138	*Thuja occidentalis*	Eastern White Cedar	13	13	1.0	G	F	F	1.3	Remove
139	*Thuja occidentalis*	Eastern White Cedar	14	14	1.0	G	F	F	1.3	Remove
140	*Thuja occidentalis*	Eastern White Cedar	22	22	2.0	G	F	F	2.3	Remove
141	*Thuja occidentalis*	Eastern White Cedar	17+21	27	2.0	G	G	G	2.3	Remove
142	*Acer negundo*	Manitoba Maple	14	14	2.0	F	G	G	2.3	Remove
143	*Acer platanoides*	Norway Maple	12	12	2.0	F-P	G	F	2.3	Remove
144	*Acer saccharum*	Sugar Maple	11	11	2.0	G	G	G	2.3	Remove
145	*Picea abies*	Norway Spruce	30+26	40	5.0	F	G	G	5.3	Remove
146	*Picea abies*	Norway Spruce	18	18	4.0	P	F	F	4.3	Remove
147	*Thuja occidentalis*	Eastern White Cedar	97	97	5.0	G	G	G	5.3	Remove
148	*Thuja occidentalis*	Eastern White Cedar	11	11	3.0	G	G	G	3.3	Remove
149	*Thuja occidentalis*	Eastern White Cedar	78	78	5.5	G	G	G	5.8	Remove
150	*Acer negundo*	Manitoba Maple	66	66	5.0	G	G	G	5.3	Remove
151	*Thuja occidentalis*	Eastern White Cedar	14+11+15+17	29	2.0	G	F	F	2.3	Remove
152	*Thuja occidentalis*	Eastern White Cedar	18	18	2.0	G	F	F	2.3	Remove
153	*Thuja occidentalis*	Eastern White Cedar	14+7	16	2.0	G	F	F	2.3	Remove
154	*Acer negundo*	Manitoba Maple	21	21	3.0	F	G	G	3.3	Remove
155	*Thuja occidentalis*	Eastern White Cedar	11	11	1.0	G	F	F	1.3	Remove
156	*Thuja occidentalis*	Eastern White Cedar	16+8	18	1.0	G	F	F	1.3	Remove
157	*Thuja occidentalis*	Eastern White Cedar	24	24	1.0	G	G	G	1.3	Remove
158	*Thuja occidentalis*	Eastern White Cedar	15	15	-	D	D	D	-	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
159	*Acer negundo*	Manitoba Maple	9	9	1.0	G	F	F	1.3	Remove
160	*Picea glauca*	White Spruce	24	24	1.0	G	F	F	1.3	Remove
161	*Thuja occidentalis*	Eastern White Cedar	12	12	1.0	G	F	F	1.3	Remove
162	*Thuja occidentalis*	Eastern White Cedar	12	12	1.0	G	F	F	1.3	Remove
163	*Thuja occidentalis*	Eastern White Cedar	20	20	3.0	F	G	G	3.3	Remove
164	*Thuja occidentalis*	Eastern White Cedar	41	41	4.0	G	G	G	4.3	Remove
165	*Thuja occidentalis*	Eastern White Cedar	16+15	22	1.0	G	G	G	1.3	Remove
166	*Thuja occidentalis*	Eastern White Cedar	12	12	1.0	F	F	F	1.3	Remove
167	*Thuja occidentalis*	Eastern White Cedar	11	11	1.0	F	F	F	1.3	Remove
168	*Thuja occidentalis*	Eastern White Cedar	17+8+9	21	1.0	G	G	G	1.3	Remove
169	*Thuja occidentalis*	Eastern White Cedar	8+11	14	2.0	G	G	G	2.3	Remove
170	*Thuja occidentalis*	Eastern White Cedar	14+16+6	22	2.0	G	F	F	2.3	Remove
171	*Thuja occidentalis*	Eastern White Cedar	13+14	19	1.0	G	F	F	1.3	Remove
172	*Picea glauca*	White Spruce	30	30	3.0	G	F	F	3.3	Remove
173	*Acer negundo*	Manitoba Maple	17	17	3.0	G	F	F	3.3	Remove
174	*Acer negundo*	Manitoba Maple	18	18	3.0	G	F	F	3.3	Remove
175	*Thuja occidentalis*	Eastern White Cedar	11	11	2.0	G	F	F	2.3	Remove
176	*Thuja occidentalis*	Eastern White Cedar	13+15+10	22	2.0	G	F	F	2.3	Remove
177	*Thuja occidentalis*	Eastern White Cedar	13	13	2.0	G	F	F	2.3	Remove
178	*Acer saccharum*	Sugar Maple	36	36	-	D	D	D	-	Remove
179	*Acer negundo*	Manitoba Maple	20+15	25	1.0	P	VP	VP	1.3	Remove
180	*Acer platanoides*	Norway Maple	35	35	5.0	G	G	G	5.3	Remove
181	*Acer platanoides*	Norway Maple	15+9	17	3.0	G	F	F	3.3	Remove
182	*Prunus serotina*	Black Cherry	17	17	2.5	G	G	G	2.8	Remove
183	*Picea abies*	Norway Spruce	54	54	4.0	G	G	G	4.3	Remove
184	*Picea abies*	Norway Spruce	59	59	6.0	G	G	G	6.3	Remove
185	*Picea abies*	Norway Spruce	55	55	6.0	G	G	G	6.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
186	*Picea glauca*	White Spruce	27	27	3.0	G	G-F	G	3.3	Remove
187	*Picea glauca*	White Spruce	37	37	2.0	G	G-F	G	2.3	Remove
188	*Picea glauca*	White Spruce	29	29	3.0	G	G-F	G	3.3	Remove
189	*Picea glauca*	White Spruce	20	20	1.0	G	G-F	G	1.3	Remove
190	*Picea glauca*	White Spruce	25	25	3.0	G	G-F	G	3.3	Remove
191	*Picea glauca*	White Spruce	30	30	3.0	G	G-F	G	3.3	Remove
192	*Picea glauca*	White Spruce	20	20	1.0	G	G-F	G	1.3	Remove
193	*Picea glauca*	White Spruce	16	16	3.0	G	G-F	G	3.3	Remove
194	*Picea glauca*	White Spruce	34	34	4.0	G	G-F	G	4.3	Remove
195	*Picea glauca*	White Spruce	16	16	3.0	G	G-F	G	3.3	Remove
196	*Picea glauca*	White Spruce	24	24	3.0	G	G-F	G	3.3	Remove
197	*Picea glauca*	White Spruce	26	26	3.0	G	G-F	G	3.3	Remove
198	*Picea glauca*	White Spruce	25	25	3.0	G	G-F	G	3.3	Remove
199	*Picea glauca*	White Spruce	22	22	3.0	G	G-F	G	3.3	Remove
200	*Picea glauca*	White Spruce	16	16	3.0	G	G-F	G	3.3	Remove
201	*Picea glauca*	White Spruce	13	13	1.0	G	F-P	F	1.3	Remove
202	*Picea glauca*	White Spruce	25	25	2.0	G	G-F	G	2.3	Remove
203	*Picea glauca*	White Spruce	23	23	2.0	G	G-F	G	2.3	Remove
204	*Picea glauca*	White Spruce	31	31	2.0	G	G-F	G	2.3	Remove
205	*Picea glauca*	White Spruce	21	21	3.0	G	G-F	G	3.3	Remove
206	*Picea glauca*	White Spruce	28	28	4.0	G	G-F	G	4.3	Remove
207	*Picea glauca*	White Spruce	31	31	3.0	G	G-F	G	3.3	Remove
208	*Picea glauca*	White Spruce	14	14	1.0	G	G-F	G	1.3	Remove
209	*Acer negundo*	Manitoba Maple	19	19	3.0	F	G	G	3.3	Remove
210	*Picea glauca*	White Spruce	31	31	4.0	G	G-F	G	4.3	Remove
211	*Picea glauca*	White Spruce	21	21	2.0	G	G-F	G	2.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
212	*Picea glauca*	White Spruce	12	12	-	D	D	D	-	Remove
213	*Picea glauca*	White Spruce	23	23	3.0	G	G-F	G	3.3	Remove
214	*Picea glauca*	White Spruce	20	20	2.0	G	G-F	G	2.3	Remove
215	*Picea glauca*	White Spruce	33	33	2.0	G	F	F	2.3	Remove
216	*Picea glauca*	White Spruce	28	28	2.0	G	G-F	G	2.3	Remove
217	*Picea glauca*	White Spruce	11	11	-	D	D	D	-	Remove
218	*Picea glauca*	White Spruce	29	29	4.0	G	G-F	G	4.3	Remove
219	*Picea glauca*	White Spruce	15	15	3.0	F	G	G	3.3	Remove
220	*Acer negundo*	Manitoba Maple	13	13	2.0	F	G	G	2.3	Remove
221	*Acer negundo*	Manitoba Maple	15	15	2.0	F	G	G	2.3	Remove
222	*Picea glauca*	White Spruce	18	18	2.0	G	G-F	G	2.3	Remove
223	*Picea glauca*	White Spruce	20	20	2.0	G	G	G	2.3	Remove
224	*Picea glauca*	White Spruce	13	13	2.0	F	F	F	2.3	Remove
225	*Picea glauca*	White Spruce	25	25	2.0	G	G-F	G	2.3	Remove
226	*Picea glauca*	White Spruce	34	34	4.0	G	G-F	G	4.3	Remove
227	*Picea glauca*	White Spruce	21	21	3.0	G	G-F	G	3.3	Remove
228	*Picea glauca*	White Spruce	12	12	4.0	F	F	F	4.3	Remove
229	*Picea glauca*	White Spruce	29	29	4.0	G	G-F	G	4.3	Remove
230	*Picea glauca*	White Spruce	30	30	4.0	G	G	G	4.3	Remove
231	*Picea glauca*	White Spruce	30	30	3.0	G	G-F	G	3.3	Remove
232	*Picea glauca*	White Spruce	25	25	3.0	G	G-F	G	3.3	Remove
233	*Picea glauca*	White Spruce	50	50	3.0	G	G-F	G	3.3	Remove
234	*Picea glauca*	White Spruce	15	15	1.0	G	G-F	G	1.3	Remove
235	*Picea glauca*	White Spruce	26	26	3.0	G	G-F	G	3.3	Remove
236	*Picea glauca*	White Spruce	26	26	3.0	G	G-F	G	3.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
237	*Picea glauca*	White Spruce	29	29	4.0	G	G-F	G	4.3	Remove
238	*Picea glauca*	White Spruce	24	24	3.0	G	G-F	G	3.3	Remove
239	*Picea glauca*	White Spruce	27	27	3.0	G	G-F	G	3.3	Remove
240	*Picea glauca*	White Spruce	15	15	2.0	F	G	G	2.3	Remove
241	*Picea glauca*	White Spruce	13	13	-	D	D	D	-	Remove
242	*Picea glauca*	White Spruce	28	28	3.0	G	G-F	G	3.3	Remove
243	*Picea glauca*	White Spruce	19	19	3.0	G	G-F	G	3.3	Remove
244	*Picea glauca*	White Spruce	25	25	3.0	G	G-F	G	3.3	Remove
245	*Picea glauca*	White Spruce	17	17	3.0	G	G-F	G	3.3	Remove
246	*Picea glauca*	White Spruce	27	27	3.0	G	G-F	G	3.3	Remove
247	*Picea glauca*	White Spruce	35	35	3.0	G	G-F	G	3.3	Remove
248	*Picea glauca*	White Spruce	30	30	2.0	G	G-F	G	2.3	Remove
249	*Picea glauca*	White Spruce	24	24	2.0	G	G-F	G	2.3	Remove
250	*Picea glauca*	White Spruce	32	32	3.0	G	G-F	G	3.3	Remove
251	*Picea glauca*	White Spruce	13	13	2.0	G	G-F	G	2.3	Remove
252	*Picea glauca*	White Spruce	34	34	4.0	G	G-F	G	4.3	Remove
253	*Picea glauca*	White Spruce	26	26	3.0	G	G-F	G	3.3	Remove
254	*Picea glauca*	White Spruce	29	29	2.0	G	G-F	G	2.3	Remove
255	*Picea glauca*	White Spruce	29	29	2.0	G	G-F	G	2.3	Remove
256	*Picea glauca*	White Spruce	15	15	3.0	G	F	F	3.3	Remove
257	*Picea glauca*	White Spruce	28	28	2.0	G	G-F	G	2.3	Remove
258	*Picea glauca*	White Spruce	13	13	3.0	G	G	G	3.3	Remove
259	*Picea glauca*	White Spruce	23	23	2.0	F	G	G	2.3	Remove
260	*Picea glauca*	White Spruce	30	30	3.0	G	G-F	G	3.3	Remove
261	*Picea glauca*	White Spruce	21	21	2.0	G	G-F	G	2.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
262	*Picea glauca*	White Spruce	35	35	4.0	G	G-F	G	4.3	Remove
263	*Picea glauca*	White Spruce	29	29	4.0	G	G-F	G	4.3	Remove
264	*Picea glauca*	White Spruce	25	25	2.0	G	G-F	G	2.3	Remove
265	*Picea glauca*	White Spruce	23	23	3.0	G	G-F	G	3.3	Remove
266	*Picea glauca*	White Spruce	23	23	3.0	G	G-F	G	3.3	Remove
267	*Picea glauca*	White Spruce	18	18	3.0	G	G-F	G	3.3	Remove
268	*Picea glauca*	White Spruce	31	31	3.0	G	G-F	G	3.3	Remove
269	*Picea glauca*	White Spruce	29	29	3.0	G	G	G	3.3	Remove
270	*Acer negundo*	Manitoba Maple	14	14	3.0	F	G	G	3.3	Remove
271	*Picea glauca*	White Spruce	28	28	3.0	G	G-F	G	3.3	Remove
272	*Picea glauca*	White Spruce	35	35	3.0	G	G-F	G	3.3	Remove
273	*Acer platanoides*	Norway Maple	26	26	6.0	G	G	G	6.3	Remove
274	*Picea abies*	Norway Spruce	57	57	5.0	G	G	G	5.3	Remove
275	*Picea abies*	Norway Spruce	59	59	5.0	G	G	G	5.3	Remove
276	*Picea abies*	Norway Spruce	42	42	5.0	G	G	G	5.3	Remove
277	*Picea abies*	Norway Spruce	53	53	5.0	G	G	G	5.3	Remove
278	*Acer platanoides*	Norway Maple	47	47	5.0	G	G	G	5.3	Remove
279	*Acer negundo*	Manitoba Maple	39	39	5.0	F-P	F-G	F	5.3	Remove
280	*Acer negundo*	Manitoba Maple	19+18+25	36	4.0	G	F	F	4.3	Remove
281	*Picea abies*	Norway Spruce	63	63	5.0	G	G	G	5.3	Remove
282	*Picea abies*	Norway Spruce	51	51	5.0	F	G	G	5.3	Remove
283	*Picea abies*	Norway Spruce	52	52	5.0	G	G	G	5.3	Remove
284	*Acer saccharum*	Sugar Maple	27	27	5.0	F	G	G	5.3	Remove
285	*Acer saccharum*	Sugar Maple	49	49	6.0	G	G	G	6.3	Remove
286	*Acer negundo*	Manitoba Maple	11	11	2.0	F	P	P	2.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
287	*Acer saccharum*	Sugar Maple	18	18	3.0	F	G	G	3.3	Remove
288	*Acer negundo*	Manitoba Maple	17+13	21	4.0	F	G	G	4.3	Remove
289	*Acer saccharum*	Sugar Maple	45	45	6.0	G	G	G	6.3	Remove
290	*Acer saccharum*	Sugar Maple	48	48	6.0	G	G	G	6.3	Remove
291	*Acer negundo*	Manitoba Maple	15	15	4.0	F	F	F	4.3	Remove
292	*Acer negundo*	Manitoba Maple	16	16	3.0	F	F	F	3.3	Remove
293	*Acer negundo*	Manitoba Maple	17	17	4.0	F-G	G	G	4.3	Remove
294	*Acer negundo*	Manitoba Maple	14+16	21	3.0	F-G	F	F	3.3	Remove
295	*Acer negundo*	Manitoba Maple	20+16	26	3.0	F	F	F	3.3	Remove
296	*Acer negundo*	Manitoba Maple	14+20+16+12	32	3.0	F	F	F	3.3	Remove
297	*Acer negundo*	Manitoba Maple	12	12	2.0	F	P	P	2.3	Remove
298	*Acer negundo*	Manitoba Maple	12	12	3.0	F	F	F	3.3	Remove
299	*Acer negundo*	Manitoba Maple	10+9+19+13+16	31	3.0	F	F	F	3.3	Remove
300	*Acer negundo*	Manitoba Maple	12	12	3.0	F	F	F	3.3	Remove
301	*Acer negundo*	Manitoba Maple	18+13+23	32	3.0	F	F	F	3.3	Remove
302	*Juglans nigra*	Black Walnut	10	10	3.0	F	G	G	3.3	Remove
303	*Acer negundo*	Manitoba Maple	19	19	3.0	F	G	G	3.3	Remove
456	*Acer saccharum*	Sugar Maple	79	79	5.0	G	G	G	5.3	Retain
457	*Acer saccharum*	Sugar Maple	81	81	9.0	F	F	F	9.3	Retain
458	*Acer saccharum*	Sugar Maple	119	119	8.0	P	F	F	8.3	Retain
459	*Acer saccharum*	Sugar Maple	100	100	7.0	G	G	G	7.3	Retain
460	*Acer saccharum*	Sugar Maple	88	88	5.0	F	P	P	5.3	Retain
461	*Fraxinus pennsylvanica*	Green Ash	24	24	5.0	F	G	F	5.3	Remove
462	*Acer saccharum*	Sugar Maple	93	93	9.0	G	G	G	9.3	Remove
463	*Acer saccharum*	Sugar Maple	18	18	3.0	G	G	G	3.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
464	*Acer saccharum*	Sugar Maple	88	88	7.0	G	G	G	7.3	Remove
465	*Acer saccharum*	Sugar Maple	18	18	3.0	F	G	F	3.3	Remove
466	*Juglans nigra*	Black Walnut	12+9	15	3.0	F	G	F	3.3	Remove
467	*Acer saccharum*	Sugar Maple	106	106	5.0	F	G	F	5.3	Remove
468	*Acer saccharum*	Sugar Maple	33	33	3.0	G	G	G	3.3	Remove
469	*Acer saccharum*	Sugar Maple	88	88	6.0	F	G	F	6.3	Remove
470	*Tilia americana*	Basswood	42+10+12+8+8	46	4.0	F	G	F	4.3	Remove
471	*Acer negundo*	Manitoba Maple	11+9+11+16+8	25	2.0	F	G	F	2.3	Remove
472	*Acer negundo*	Manitoba Maple	11+9	14	2.0	F	G	F	2.3	Remove
473	*Acer negundo*	Manitoba Maple	12+8	14	2.0	P	G	F	2.3	Remove
474	*Acer negundo*	Manitoba Maple	18+16+16+15+14	35	4.0	F	G	F	4.3	Remove
475	*Acer negundo*	Manitoba Maple	13	13	2.0	F	F	F	2.3	Remove
476	*Acer negundo*	Manitoba Maple	25+14	29	3.0	F	G	F	3.3	Remove
477	*Acer negundo*	Manitoba Maple	14+14	20	2.0	F	G	F	2.3	Remove
478	*Acer negundo*	Manitoba Maple	16+14+10	23	1.0	F	G	F	1.3	Remove
479	*Acer negundo*	Manitoba Maple	18	18	1.0	F	F	F	1.3	Remove
480	*Acer negundo*	Manitoba Maple	18+13	15	2.0	F	G	F	2.3	Remove
481	*Acer negundo*	Manitoba Maple	10	10	2.0	G	G	G	2.3	Remove
482	*Acer negundo*	Manitoba Maple	14+9	17	2.0	G	G	G	2.3	Remove
483	*Acer negundo*	Manitoba Maple	20	20	3.0	G	G	G	3.3	Remove
484	*Acer negundo*	Manitoba Maple	12+12+8	17	2.0	F	G	F	2.3	Remove
485	*Acer negundo*	Manitoba Maple	18	18	2.0	F	G	F	2.3	Remove
486	*Acer negundo*	Manitoba Maple	18+15+13	27	2.0	F	G	F	2.3	Remove
487	*Acer negundo*	Manitoba Maple	11+11+10	18	1.0	F	F	F	1.3	Remove
488	*Acer negundo*	Manitoba Maple	15+10+13+10+6	25	2.0	F	F	F	2.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
489	*Acer negundo*	Manitoba Maple	14+13+18	26	3.0	F	F	F	3.3	Remove
490	*Acer negundo*	Manitoba Maple	22	22	4.0	G	G	G	4.3	Remove
491	*Acer negundo*	Manitoba Maple	14	14	4.0	F	F	F	4.3	Remove
492	*Acer negundo*	Manitoba Maple	12	12	3.0	F	F	F	3.3	Remove
493	*Acer negundo*	Manitoba Maple	13+10+9	19	2.0	F	F	F	2.3	Remove
494	*Acer negundo*	Manitoba Maple	12+7+9	17	3.0	F	F	F	3.3	Remove
495	*Acer negundo*	Manitoba Maple	13	13	2.0	F	G	F	2.3	Remove
496	*Acer negundo*	Manitoba Maple	14	14	4.0	F	F	F	4.3	Remove
497	*Acer negundo*	Manitoba Maple	20	20	4.0	F	F	F	4.3	Remove
498	*Acer negundo*	Manitoba Maple	10	10	3.0	F	F	F	3.3	Remove
499	*Acer negundo*	Manitoba Maple	13+6	14	3.0	F	F	F	3.3	Remove
500	*Acer negundo*	Manitoba Maple	20	20	3.0	F	G	F	3.3	Remove
501	*Acer negundo*	Manitoba Maple	13	13	3.0	F	F	F	3.3	Remove
502	*Acer negundo*	Manitoba Maple	15+14	21	3.0	F	F	F	3.3	Remove
503	*Acer negundo*	Manitoba Maple	10+5	11	2.0	F	F	F	2.3	Remove
504	*Acer negundo*	Manitoba Maple	16+13	21	3.0	G	G	G	3.3	Remove
505	*Acer negundo*	Manitoba Maple	13	13	3.0	F	G	F	3.3	Remove
506	*Acer negundo*	Manitoba Maple	18+16	24	3.0	F	G	F	3.3	Remove
507	*Acer negundo*	Manitoba Maple	13	13	2.0	F	F	F	2.3	Remove
508	*Acer negundo*	Manitoba Maple	14	14	1.0	G	G	G	1.3	Remove
509	*Acer negundo*	Manitoba Maple	14+18+8	24	2.0	F	G	F	2.3	Remove
510	*Acer negundo*	Manitoba Maple	12	12	2.0	G	G	G	2.3	Remove
511	*Betula papyrifera*	White Birch	10+6	12	2.0	F	G	F	2.3	Remove
512	*Acer negundo*	Manitoba Maple	16+19	17	3.0	F	G	F	3.3	Remove
513	*Acer negundo*	Manitoba Maple	18	18	4.0	F	F	F	4.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
514	*Acer negundo*	Manitoba Maple	26+13	29	3.0	F	G	F	3.3	Remove
515	*Acer negundo*	Manitoba Maple	46+24+35	63	5.0	F	G	F	5.3	Remove
516	*Acer negundo*	Manitoba Maple	11+10+19+12	27	3.0	F	G	F	3.3	Remove
517	*Populus balsamifera*	Balsam Poplar	26+24+16	39	5.0	F	G	F	5.3	Remove
518	*Acer negundo*	Manitoba Maple	17	17	3.0	F	F	F	3.3	Remove
519	*Populus balsamifera*	Balsam Poplar	12+8	14	2.0	F	G	F	2.3	Remove
520	*Populus balsamifera*	Balsam Poplar	12	12	5.0	P	P	F	5.3	Remove
521	*Fraxinus pennsylvanica*	Green Ash	10+17	20	-	D	D	P	-	Remove
522	*Acer saccharum*	Sugar Maple	50	50	4.0	P	P	D	4.3	Remove
523	*Acer saccharum*	Sugar Maple	52	52	5.0	F	F	P	5.3	Remove
524	*Juglans nigra*	Black Walnut	11	11	2.0	G	F	F	2.3	Remove
525	*Acer negundo*	Manitoba Maple	14+16+12+10+7	27	4.0	F	F	F	4.3	Remove
526	*Acer negundo*	Manitoba Maple	14+18+16+17+9	34	6.0	F	G	F	6.3	Remove
527	*Acer negundo*	Manitoba Maple	16+10+22	29	3.0	F	G	F	3.3	Remove
528	*Picea abies*	Norway Spruce	46	46	5.0	G	G	F	5.3	Remove
529	*Picea abies*	Norway Spruce	64	64	5.0	G	G	G	5.3	Remove
530	*Picea abies*	Norway Spruce	55	55	4.0	G	G	G	4.3	Remove
531	*Juglans* sp. hybrid	Walnut hybrid	14	14	3.0	G	G	G	3.3	Remove
532	*Juglans nigra*	Black Walnut	17	17	3.0	G	G	G	3.3	Remove
533	*Ulmus pumila*	Siberian Elm	18+18+10	27	3.0	G	G	G	3.3	Remove
534	*Acer negundo*	Manitoba Maple	18	18	3.0	G	G	G	3.3	Remove
535	*Acer negundo*	Manitoba Maple	16	16	4.0	F	G	G	4.3	Remove
536	*Acer negundo*	Manitoba Maple	16	16	2.0	G	G	F	2.3	Remove
537	*Acer negundo*	Manitoba Maple	19+10	21	2.0	F	G	F	2.3	Remove
538	*Acer negundo*	Manitoba Maple	10+6	12	3.0	F	G	F	3.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
539	*Acer negundo*	Manitoba Maple	10	10	4.0	F	F	F	4.3	Remove
540	*Acer negundo*	Manitoba Maple	19	19	4.0	F	G	F	4.3	Remove
541	*Acer negundo*	Manitoba Maple	10	10	5.0	F	G	F	5.3	Remove
542	*Acer negundo*	Manitoba Maple	15	15	3.0	F	G	F	3.3	Remove
543	*Acer negundo*	Manitoba Maple	14	14	2.0	G	G	F	2.3	Remove
544	*Acer negundo*	Manitoba Maple	15	15	2.0	G	G	G	2.3	Remove
545	*Acer negundo*	Manitoba Maple	11+7+10	16	2.0	F	G	G	2.3	Remove
546	*Picea abies*	Norway Spruce	89	89	6.0	G	G	F	6.3	Remove
547	*Picea abies*	Norway Spruce	70	70	5.0	G	G	G	5.3	Remove
548	*Picea abies*	Norway Spruce	80	80	6.0	F	G	G	6.3	Remove
549	*Acer negundo*	Manitoba Maple	10	10	3.0	F	F	F	3.3	Remove
550	*Picea abies*	Norway Spruce	63	63	6.0	G	G	F	6.3	Remove
551	*Acer saccharum*	Sugar Maple	13	13	4.0	F	G	G	4.3	Remove
552	*Acer negundo*	Manitoba Maple	38	38	4.0	F	G	F	4.3	Remove
553	*Juglans nigra*	Black Walnut	56	56	10.0	F	F	F	10.3	Remove
554	*Acer saccharum*	Sugar Maple	22	22	4.0	G	G	F	4.3	Remove
555	*Acer saccharum*	Sugar Maple	19	19	5.0	G	G	G	5.3	Remove
556	*Picea abies*	Norway Spruce	81	81	8.0	G	G	G	8.3	Remove
557	*Juglans* sp. hybrid	Walnut hybrid	16	16	4.0	F	F	F	4.3	Remove
558	*Juglans nigra*	Black Walnut	13	13	2.0	P	F	P	2.3	Remove
559	*Acer negundo*	Manitoba Maple	15+12	19	3.0	F	G	F	3.3	Remove
560	*Picea abies*	Norway Spruce	26	26	4.0	G	G	G	4.3	Remove
561	*Picea abies*	Norway Spruce	12	12	2.0	F	F	F	2.3	Remove
562	*Picea glauca*	White Spruce	22	22	3.0	F	F	F	3.3	Remove
563	*Acer negundo*	Manitoba Maple	53	53	8.0	VP	F	P	8.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
564	*Picea glauca*	White Spruce	16	16	3.0	F	P	P	3.3	Remove
565	*Picea glauca*	White Spruce	14	14	3.0	G	F	F	3.3	Remove
566	*Picea glauca*	White Spruce	28	28	3.0	G	P	P	3.3	Remove
567	*Picea glauca*	White Spruce	37	37	4.0	F	P	P	4.3	Remove
568	*Picea glauca*	White Spruce	26	26	3.0	G	P	P	3.3	Remove
569	*Picea glauca*	White Spruce	22	22	2.0	G	P	P	2.3	Remove
570	*Picea glauca*	White Spruce	38	38	6.0	G	F	F	6.3	Remove
571	*Picea glauca*	White Spruce	18	18	2.0	G	P	P	2.3	Remove
572	*Picea glauca*	White Spruce	23	23	3.0	G	P	P	3.3	Remove
573	*Picea glauca*	White Spruce	33	33	5.0	G	F	F	5.3	Remove
574	*Picea glauca*	White Spruce	25	25	3.0	G	P	P	3.3	Remove
575	*Acer negundo*	Manitoba Maple	26	26	4.0	F	F	F	4.3	Remove
576	*Picea abies*	Norway Spruce	44	44	5.0	F	F	F	5.3	Remove
577	*Picea abies*	Norway Spruce	47	47	6.0	G	F	F	6.3	Remove
578	*Picea glauca*	White Spruce	32	32	4.0	G	F	F	4.3	Remove
579	*Picea abies*	Norway Spruce	48	48	5.0	G	F	F	5.3	Remove
580	*Picea glauca*	White Spruce	28	28	3.0	G	F	F	3.3	Remove
581	*Picea glauca*	White Spruce	36	36	4.0	G	F	F	4.3	Remove
582	*Picea glauca*	White Spruce	21	21	4.0	F	P	P	4.3	Remove
583	*Picea glauca*	White Spruce	23	23	4.0	G	P	P	4.3	Remove
584	*Picea glauca*	White Spruce	33	33	3.0	G	F	F	3.3	Remove
585	*Acer negundo*	Manitoba Maple	19	19	3.0	F	F	F	3.3	Remove
586	*Acer negundo*	Manitoba Maple	14	14	3.0	P	G	P	3.3	Remove
587	*Picea glauca*	White Spruce	35	35	3.0	G	F	F	3.3	Remove
588	*Acer negundo*	Manitoba Maple	18	18	3.0	F	G	F	3.3	Remove

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Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
589	*Picea glauca*	White Spruce	19	19	1.0	G	P	P	1.3	Remove
590	*Picea glauca*	White Spruce	26	26	3.0	G	P	P	3.3	Remove
591	*Picea glauca*	White Spruce	31	31	3.0	G	P	P	3.3	Remove
592	*Picea abies*	Norway Spruce	74	74	5.0	G	G	G	5.3	Remove
593	*Prunus serotina*	Black Cherry	28	28	4.0	G	G	G	4.3	Remove
594	*Prunus serotina*	Black Cherry	25	25	4.0	G	F	F	4.3	Remove
595	*Acer negundo*	Manitoba Maple	25	25	4.0	F	G	F	4.3	Remove
596	*Picea abies*	Norway Spruce	67	67	7.0	G	G	G	7.3	Remove
597	*Picea abies*	Norway Spruce	52	52	6.0	G	F	F	6.3	Remove
598	*Picea abies*	Norway Spruce	89	89	8.0	G	G	G	8.3	Remove
599	*Picea abies*	Norway Spruce	50+52	72	6.0	G	G	G	6.3	Remove
600	*Picea abies*	Norway Spruce	93	93	8.0	G	G	G	8.3	Remove
601	*Picea abies*	Norway Spruce	68	68	6.0	G	G	G	6.3	Remove
602	*Acer negundo*	Manitoba Maple	16	16	3.0	F	G	F	3.3	Remove
603	*Picea abies*	Norway Spruce	84	84	5.0	G	G	G	5.3	Remove
604	*Ulmus americana*	White Elm	25	25	4.0	F	G	F	4.3	Remove
605	*Acer saccharum*	Sugar Maple	26	26	4.0	G	G	G	4.3	Remove
606	*Acer negundo*	Manitoba Maple	28	28	6.0	P	F	P	6.3	Remove
607	*Acer negundo*	Manitoba Maple	24	24	8.0	VP	VP	VP	8.3	Remove
608	*Acer negundo*	Manitoba Maple	16+14+14	25	3.0	F	F	F	3.3	Remove
609	*Acer negundo*	Manitoba Maple	11	11	3.0	F	G	F	3.3	Remove
610	*Acer negundo*	Manitoba Maple	16	16	4.0	F	G	F	4.3	Remove
611	*Acer negundo*	Manitoba Maple	22	22	4.0	F	G	F	4.3	Remove
612	*Acer negundo*	Manitoba Maple	16+18	24	7.0	P	F	P	7.3	Remove
613	*Acer negundo*	Manitoba Maple	22	22	6.0	F	F	F	6.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
614	*Acer negundo*	Manitoba Maple	10	10	2.0	F	G	F	2.3	Remove
615	*Picea abies*	Norway Spruce	53	53	5.0	F	P	P	5.3	Remove
616	*Picea abies*	Norway Spruce	59	59	5.0	G	G	G	5.3	Remove
617	*Picea abies*	Norway Spruce	53	53	6.0	G	G	G	6.3	Remove
618	*Picea abies*	Norway Spruce	46	46	6.0	F	G	F	6.3	Remove
619	*Picea abies*	Norway Spruce	71	71	6.0	G	G	G	6.3	Remove
620	*Picea abies*	Norway Spruce	61	61	5.0	G	G	G	5.3	Remove
621	*Prunus serotina*	Black Cherry	16	16	4.0	G	G	G	4.3	Remove
622	*Prunus serotina*	Black Cherry	12	12	4.0	F	G	F	4.3	Remove
623	*Picea abies*	Norway Spruce	52	52	5.0	F	F	F	5.3	Remove
624	*Picea abies*	Norway Spruce	70	70	-	D	D	D	-	Remove
625	*Picea abies*	Norway Spruce	62	62	6.0	G	F	F	6.3	Remove
626	*Acer negundo*	Manitoba Maple	15	15	3.0	F	G	F	3.3	Remove
627	*Acer negundo*	Manitoba Maple	16+10	19	3.0	F	G	F	3.3	Remove
628	*Acer negundo*	Manitoba Maple	11	11	1.0	G	G	G	1.3	Remove
629	*Acer negundo*	Manitoba Maple	18	18	3.0	F	G	F	3.3	Remove
630	*Acer negundo*	Manitoba Maple	12	12	5.0	F	G	F	5.3	Remove
631	*Acer negundo*	Manitoba Maple	11	11	2.0	G	G	G	2.3	Remove
632	*Acer negundo*	Manitoba Maple	13	13	2.0	F	F	F	2.3	Remove
633	*Acer negundo*	Manitoba Maple	14+14+13+10+9	27	6.0	P	G	P	6.3	Remove
634	*Acer negundo*	Manitoba Maple	18+16+14+9+16	33	8.0	P	F	P	8.3	Remove
635	*Acer negundo*	Manitoba Maple	18+14+14+14+14	33	5.0	P	G	P	5.3	Remove
636	*Acer saccharum*	Sugar Maple	32	32	3.0	G	G	G	3.3	Remove
637	*Acer negundo*	Manitoba Maple	15	15	5.0	F	G	F	5.3	Remove
638	*Acer negundo*	Manitoba Maple	15	15	3.0	F	F	F	3.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
641	*Acer negundo*	Manitoba Maple	10+11+5	16	2	G	G	G	2.3	Perimeter
642	*Acer negundo*	Manitoba Maple	28	28	4	F	G	F	4.3	Perimeter
643	*Acer negundo*	Manitoba Maple	25	25	4	F	G	F	4.3	Perimeter
644	*Acer negundo*	Manitoba Maple	16	16	4	P	F	P	4.3	Perimeter
645	*Thuja occidentalis*	Eastern White Cedar	15	15	2	F	F	F	2.3	Perimeter
646	*Acer negundo*	Manitoba Maple	16	16	2	G	G	G	2.3	Perimeter
647	*Acer negundo*	Manitoba Maple	18+12	22	3	F	G	F	3.3	Perimeter
648	*Acer negundo*	Manitoba Maple	10+10+14	20	3	P	G	F	3.3	Perimeter
649	*Acer negundo*	Manitoba Maple	20	20	3	G	G	G	3.3	Perimeter
650	*Fraxinus pennsylvanica*	Green Ash	14+10	17	2	F	F	F	2.3	Perimeter
651	*Fraxinus pennsylvanica*	Green Ash	12	12	-	D	D	D	-	Perimeter
652	*Fraxinus pennsylvanica*	Green Ash	12	12	1	P	F	P	1.3	Perimeter
653	*Tilia americana*	Basswood	12	12	3	G	G	G	3.3	Perimeter
654	*Acer negundo*	Manitoba Maple	16	16	4	F	F	F	4.3	Perimeter
655	*Acer negundo*	Manitoba Maple	12	12	3	F	F	F	3.3	Perimeter
656	*Picea abies*	Norway Spruce	30	30	4	G	G	G	4.3	Perimeter
657	*Fraxinus pennsylvanica*	Green Ash	12	12	3	F	F	F	3.3	Perimeter
658	*Fraxinus pennsylvanica*	Green Ash	11	11	2	F	F	F	2.3	Perimeter
659	*Acer negundo*	Manitoba Maple	20	20	3	P	F	P	3.3	Perimeter
660	*Picea abies*	Norway Spruce	13	13	3	G	G	G	3.3	Perimeter
661	*Malus* sp.	Apple sp.	20	20	3	G	G	G	3.3	Perimeter
662	*Acer negundo*	Manitoba Maple	26	26	5	P	F	P	5.3	Perimeter
663	*Acer negundo*	Manitoba Maple	21	21	4	P	F	P	4.3	Perimeter
664	*Acer negundo*	Manitoba Maple	14+20+28+16	40	5	P	F	P	5.3	Perimeter
665	*Acer negundo*	Manitoba Maple	18+21+20+10	36	5	P	F	P	5.3	Perimeter

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
666	*Pinus strobus*	White Pine	36	36	4	G	G	G	4.3	Perimeter
667	*Pinus strobus*	White Pine	32	32	4	G	G	G	4.3	Perimeter
668	*Picea abies*	Norway Spruce	28	28	3	G	G	G	3.3	Perimeter
669	*Picea abies*	Norway Spruce	30	30	3	G	G	G	3.3	Remove
670	*Pinus sylvestris*	Scots Pine	21	21	3	G	G	G	3.3	Remove
671	*Pinus sylvestris*	Scots Pine	14	14	2	G	G	G	2.3	Remove
672	*Picea pungens*	Blue Spruce	12	12	2	G	G	G	2.3	Perimeter
673	*Picea pungens*	Blue Spruce	12	12	2	G	G	G	2.3	Perimeter
674	*Picea pungens*	Blue Spruce	22	22	2	G	G	G	2.3	Perimeter
675	*Picea pungens*	Blue Spruce	20	20	2	G	G	G	2.3	Perimeter
676	*Picea pungens*	Blue Spruce	16	16	2	G	G	G	2.3	Perimeter
677	*Picea pungens*	Blue Spruce	14	14	2	G	G	G	2.3	Perimeter
678	*Picea pungens*	Blue Spruce	16	16	2	G	G	G	2.3	Perimeter
679	*Pinus sylvestris*	Scots Pine	10	10	2	G	G	G	2.3	Remove
680	*Pinus sylvestris*	Scots Pine	27	27	3	G	G	G	3.3	Remove
681	*Pinus sylvestris*	Scots Pine	10	10	2	G	G	G	2.3	Remove
682	*Pinus sylvestris*	Scots Pine	10	10	2	G	G	G	2.3	Remove
683	*Pinus sylvestris*	Scots Pine	10	10	2	G	G	G	2.3	Remove
684	*Pinus sylvestris*	Scots Pine	11	11	2	G	G	G	2.3	Remove
685	*Acer negundo*	Manitoba Maple	12	12	2	P	P	P	1.8	Remove
686	*Juglans nigra*	Black Walnut	14	14	2	F	F	F	2.3	Remove
687	*Acer negundo*	Manitoba Maple	11	11	2	F	F	F	1.8	Remove
688	*Acer negundo*	Manitoba Maple	10	10	2	F	F	F	1.8	Remove
689	*Prunus* sp.	Cherry sp.	17+15+12	26	2	P	P	P	1.8	Remove
690	*Acer negundo*	Manitoba Maple	15+30+35+15	51	4	VP	VP	VP	4.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
691	*Malus* sp.	Apple sp.	20	20	2	F	F	F	2.3	Remove
692	*Acer negundo*	Manitoba Maple	17+12+10	23	2	F	F	F	2.3	Remove
693	*Acer negundo*	Manitoba Maple	16	16	2	F	F	F	1.8	Remove
694	*Prunus* sp.	Cherry sp.	25	25	2	F	F	F	2.3	Remove
695	*Malus* sp.	Apple sp.	18	18	2	F	F	F	2.3	Perimeter
696	*Prunus serotina*	Black Cherry	46	46	3	F	F	F	3.3	Perimeter
697	*Fraxinus* sp.	Ash sp.	15+20+18+15+10	36	3	P	P	P	3.3	Perimeter
698	*Acer saccharinum*	Silver Maple	34	34	5	F	F	F	4.8	Perimeter
699	*Acer saccharinum*	Silver Maple	45+45	64	5	F	F	F	5.3	Perimeter
700	*Acer saccharinum*	Silver Maple	70	70	5	F	F	F	5.3	Remove
701	*Acer saccharinum*	Silver Maple	75	75	5	F	F	F	5.3	Perimeter
702	*Acer saccharinum*	Silver Maple	38	38	4	P	P	P	4.3	Perimeter
703	*Prunus serotina*	Black Cherry	15+10+10	21	3	G	G	G	2.8	Remove
704	*Acer negundo*	Manitoba Maple	20+10+8	24	3	P	P	P	2.8	Remove
705	*Acer negundo*	Manitoba Maple	25+20	32	2	F	F	F	2.3	Remove
706	*Acer negundo*	Manitoba Maple	25	25	2	F	F	F	2.3	Remove
707	*Acer negundo*	Manitoba Maple	18+12+15	26	2	F	F	F	2.3	Remove
708	*Acer negundo*	Manitoba Maple	22+25+20+20+20	48	4	P	P	P	4.3	Remove
709	*Malus* sp.	Apple sp.	20	20	2	F	F	F	1.8	Remove
710	*Prunus serotina*	Black Cherry	17+25+22	37	3	P	P	P	3.3	Remove
711	*Acer negundo*	Manitoba Maple	35+25+14	45	4	P	P	P	4.3	Remove
712	*Acer negundo*	Manitoba Maple	26+18+20	37	3	F	F	F	3.3	Remove
713	*Acer negundo*	Manitoba Maple	38+25+26+30+22	64	5	P	P	P	4.8	Remove
714	*Juglans nigra*	Black Walnut	14	14	2	F	F	F	2.3	Remove
715	*Juglans nigra*	Black Walnut	14	14	2	F	F	F	2.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
716	*Juglans nigra*	Black Walnut	18	18	3	F	F	F	2.8	Remove
717	*Acer negundo*	Manitoba Maple	40	40	3	P	P	P	3.3	Remove
718	*Juglans nigra*	Black Walnut	12	12	2	F	F	F	1.8	Remove
719	*Juglans nigra*	Black Walnut	15	15	2	F	F	F	2.3	Remove
720	*Juglans nigra*	Black Walnut	20	20	3	F	F	F	3.3	Remove
721	*Prunus serotina*	Black Cherry	45+40	60	4	P	P	P	4.3	Remove
722	*Acer negundo*	Manitoba Maple	35+30+20+25+40	69	5	P	P	P	4.8	Remove
723	*Juglans nigra*	Black Walnut	16	16	2	F	F	F	2.3	Remove
724	*Acer negundo*	Manitoba Maple	12+8	14	2	F	F	F	1.8	Remove
725	*Acer negundo*	Manitoba Maple	26	26	3	F	F	F	2.8	Remove
726	*Acer negundo*	Manitoba Maple	20	20	3	P	P	P	2.8	Remove
727	*Acer negundo*	Manitoba Maple	12	12	2	P	P	P	2.3	Remove
728	*Acer negundo*	Manitoba Maple	12	12	2	G	G	G	2.3	Remove
729	*Acer negundo*	Manitoba Maple	20	20	2.0	G	G	G	2.3	Remove
730	*Acer negundo*	Manitoba Maple	14+14	20	3.0	G	G	G	3.3	Remove
731	*Acer negundo*	Manitoba Maple	18+12	22	3.0	G	G	G	3.3	Remove
732	*Juglans nigra*	Black Walnut	18	18	2.0	F	F	F	2.3	Remove
733	*Acer negundo*	Manitoba Maple	22+18+15	32	2.0	F	F	F	2.3	Remove
734	*Acer negundo*	Manitoba Maple	16	16	2.0	F	F	F	2.3	Remove
735	*Acer negundo*	Manitoba Maple	11	11	2.0	F	F	F	2.3	Remove
736	*Acer negundo*	Manitoba Maple	14+21+22+26	42	3.5	G	G	G	3.8	Remove
737	*Acer negundo*	Manitoba Maple	21	21	2.5	F	F	F	2.8	Remove
738	*Acer negundo*	Manitoba Maple	12+80+14+20+13	85	4.0	G	G	G	4.3	Remove
739	*Acer negundo*	Manitoba Maple	18+20+12+22+12+12+15	43	2.0	G	G	G	2.3	Remove
740	*Acer negundo*	Manitoba Maple	20	20	1.0	F	F	F	1.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
741	*Acer negundo*	Manitoba Maple	25	25	2.0	G	G	G	2.3	Remove
742	*Acer negundo*	Manitoba Maple	20+21	29	2.0	F	F	F	2.3	Remove
743	*Acer negundo*	Manitoba Maple	18	18	2.0	G	G	G	2.3	Remove
744	*Acer negundo*	Manitoba Maple	20	20	2.0	G	G	G	2.3	Remove
745	*Acer negundo*	Manitoba Maple	21	21	2.0	G	G	G	2.3	Remove
746	*Acer negundo*	Manitoba Maple	14	14	2.5	G	G	G	2.8	Remove
747	*Acer negundo*	Manitoba Maple	19	19	2.0	G	G	G	2.3	Remove
748	*Acer negundo*	Manitoba Maple	17	17	3.5	F	F	F	3.8	Remove
749	*Acer negundo*	Manitoba Maple	14	14	2.0	G	G	G	2.3	Remove
750	*Acer negundo*	Manitoba Maple	14	14	1.5	F	F	F	1.8	Remove
751	*Juglans nigra*	Black Walnut	11	11	1.5	G	G	G	1.8	Remove
752	*Acer negundo*	Manitoba Maple	12	12	1.0	G	G	G	1.3	Remove
753	*Acer negundo*	Manitoba Maple	14	14	2.0	F	F	F	2.3	Remove
754	*Acer negundo*	Manitoba Maple	14	14	4.0	G	G	G	4.3	Remove
755	*Acer negundo*	Manitoba Maple	18	18	2.0	F	F	F	2.3	Remove
756	*Acer negundo*	Manitoba Maple	17	17	3.0	F	F	F	3.3	Remove
757	*Juglans nigra*	Black Walnut	12	12	2.0	F	F	F	2.3	Remove
758	*Acer negundo*	Manitoba Maple	12	12	2.0	F	F	F	2.3	Remove
759	*Acer negundo*	Manitoba Maple	16+19	33	3.0	G	G	G	3.3	Remove
760	*Acer negundo*	Manitoba Maple	17+17	24	3.0	F	F	F	3.3	Remove
761	*Acer negundo*	Manitoba Maple	13	13	2.0	F	F	F	2.3	Remove
762	*Acer negundo*	Manitoba Maple	20+22	30	3.0	F	F	F	3.3	Remove
763	*Acer negundo*	Manitoba Maple	31	31	4.0	F	F	F	4.3	Remove
764	*Acer negundo*	Manitoba Maple	17	17	3.0	F	F	F	3.3	Remove
765	*Acer negundo*	Manitoba Maple	19	19	3.0	G	G	G	3.3	Remove

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Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
766	*Juglans nigra*	Black Walnut	24	24	4.0	G	G	G	4.3	Remove
767	*Juglans nigra*	Black Walnut	14	14	3.0	G	G	G	3.3	Remove
768	-	Unknown	41	41	-	D	D	D	-	Remove
769	*Prunus serotina*	Black Cherry	22+22+10+13	35	4.0	P-F	P-F	P-F	4.3	Remove
770	*Prunus serotina*	Black Cherry	17	17	6.0	G	G	G	6.3	Remove
771	*Prunus serotina*	Black Cherry	44	44	6.0	G	G	G	6.3	Remove
772	*Prunus serotina*	Black Cherry	42	42	5.0	G	G	G	5.3	Remove
773	*Prunus serotina*	Black Cherry	13	13	3.0	F	F	F	3.3	Remove
774	*Prunus serotina*	Black Cherry	27	27	4.0	G	G	G	4.3	Remove
775	*Prunus serotina*	Black Cherry	34	34	4.0	P-F	P-F	P	4.3	Remove
776	*Juglans nigra*	Black Walnut	21	21	3.0	G	G	G	3.3	Remove
777	*Acer negundo*	Manitoba Maple	23+12+10	28	3.0	F	F	F	3.3	Remove
778	*Acer negundo*	Manitoba Maple	12+18+6	22	4.0	G	G	G	4.3	Remove
779	*Juglans nigra*	Black Walnut	14	14	2.5	F	F	F	2.8	Remove
780	*Acer negundo*	Manitoba Maple	14	14	2.0	F	F	F	2.3	Remove
781	*Juglans nigra*	Black Walnut	16+16	23	2.5	F	F	F	2.8	Remove
782	*Juglans nigra*	Black Walnut	12	12	3.0	VP	VP	VP	3.3	Remove
783	*Acer negundo*	Manitoba Maple	20+21+19	35	3.0	F	F	F	3.3	Remove
784	*Fraxinus pennsylvanica*	Green Ash	11	11	2.0	G	G	G	2.3	Remove
785	*Acer negundo*	Manitoba Maple	18+10	21	2.0	G	G	G	2.3	Remove
786	-	Unknown	38+31	49	-	D	D	D	-	Remove
787	-	Unknown	24+25	35	-	D	D	D	-	Remove
788	*Acer negundo*	Manitoba Maple	16	16	3.0	P	P	P	3.3	Remove
789	*Acer negundo*	Manitoba Maple	22+22	31	4.0	P	P	P	4.3	Remove
790	*Acer saccharum*	Sugar Maple	115	115	7.0	F-P	F-P	F-P	7.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
791	*Prunus serotina*	Black Cherry	11+8+18	23	4.0	G	G	G	4.3	Remove
792	*Prunus* sp.	Cherry sp.	8+8+8+11	18	3.0	G	G	G	3.3	Remove
793	*Malus* sp.	Apple sp.	34+18	38	4.0	F	F	F	4.3	Remove
794	*Prunus* sp.	Cherry sp.	26+18+20+8	38	4.0	F	F	F	4.3	Remove
795	*Prunus* sp.	Cherry sp.	34	34	4.0	P	P	P	4.3	Remove
796	*Acer negundo*	Manitoba Maple	24+20	31	3.0	F-P	F-P	F-P	3.3	Remove
797	*Juglans nigra*	Black Walnut	11+16+8	21	3.0	VP	VP	VP	3.3	Remove
798	*Prunus serotina*	Black Cherry	15	15	2.0	P	P	P	2.3	Remove
799	*Picea abies*	Norway Spruce	65	65	5.0	G	G	G	5.3	Remove
800	*Picea abies*	Norway Spruce	32+38	50	3.0	G	G	G	3.3	Remove
801	*Picea abies*	Norway Spruce	52	52	-	D	D	D	-	Remove
802	*Picea abies*	Norway Spruce	84	84	3.0	G	G	G	3.3	Remove
803	*Picea abies*	Norway Spruce	60	60	5.0	G	G	G	5.3	Remove
804	*Picea abies*	Norway Spruce	10	10	1.0	F	F	F	1.3	Remove
805	*Picea abies*	Norway Spruce	14	14	1.0	F	F	F	1.3	Remove
806	*Picea abies*	Norway Spruce	12	12	1.0	F	F	F	1.3	Remove
807	*Picea abies*	Norway Spruce	14	14	1.0	F	F	F	1.3	Remove
808	*Picea abies*	Norway Spruce	13	13	1.0	F	F	F	1.3	Remove
809	*Picea abies*	Norway Spruce	72	72	5.0	G	G	G	5.3	Remove
810	*Picea abies*	Norway Spruce	57	57	5.0	G-F	G-F	G-F	5.3	Remove
811	*Prunus serotina*	Black Cherry	37	37	4.0	P	P	P	4.3	Remove
812	*Prunus serotina*	Black Cherry	28	28	-	D	D	D	-	Remove
813	*Acer negundo*	Manitoba Maple	12+8+12	19	3.0	P	P	P	3.3	Remove
814	*Prunus serotina*	Black Cherry	38	38	4.0	F	F	F	4.3	Remove
815	*Acer negundo*	Manitoba Maple	65	65	4.0	F	F	F	4.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
816	*Malus* sp.	Apple sp.	41	41	3.0	G	G	G	3.3	Remove
817	*Fraxinus* sp.	Ash sp.	19+16	25	-	D	D	D	-	Remove
818	*Acer saccharum*	Sugar Maple	19	19	2.0	F	F	F	2.3	Remove
819	*Fraxinus* sp.	Ash sp.	23+24	33	3.0	F-P	F-P	F-P	3.3	Remove
820	*Acer saccharum*	Sugar Maple	85	85	5.0	G	G	G	5.3	Remove
821	*Prunus serotina*	Black Cherry	15+12+12+10	25	2.0	VP	VP	VP	2.3	Remove
822	*Prunus serotina*	Black Cherry	18	18	2.0	VP	VP	VP	2.3	Remove
823	*Quercus rubra*	Northern Red Oak	32	32	3.0	F	F	F	3.3	Remove
824	*Acer saccharum*	Sugar Maple	10	10	2.0	F	F	F	2.3	Remove
825	*Prunus serotina*	Black Cherry	16+24+18	34	2.0	F	F	F	2.3	Remove
826	*Prunus* sp.	Cherry sp.	15	15	2.0	F	F	F	2.3	Remove
827	*Prunus serotina*	Black Cherry	11+9+7	16	2.0	F	F	F	2.3	Remove
828	*Acer* sp.	Maple sp.	16	16	-	D	D	D	-	Remove
829	*Thuja occidentalis*	Eastern White Cedar	18+20	27	2.0	F	F	F	2.3	Remove
830	*Malus* sp.	Apple sp.	8+12+14+12+8	25	3.0	F	F	F	3.3	Remove
831	*Prunus serotina*	Black Cherry	44	44	3.0	F	F	F	3.3	Remove
832	*Thuja occidentalis*	Eastern White Cedar	18	18	3.0	F	F	F	3.3	Remove
833	*Thuja occidentalis*	Eastern White Cedar	20+8	22	2.0	F	F	F	2.3	Remove
834	*Pinus sylvestris*	Scots Pine	30	30	3.0	F	F	F	3.3	Remove
835	*Prunus serotina*	Black Cherry	14	14	2.5	F	F	F	2.8	Remove
836	*Malus* sp.	Apple sp.	12+10+10	19	2.0	F	F	F	2.3	Remove
837	*Acer negundo*	Manitoba Maple	30+16+14+8+8	38	2.5	P	P	P	2.8	Perimeter
838	*Acer negundo*	Manitoba Maple	19	19	2.0	F	F	F	2.3	Remove
839	*Acer negundo*	Manitoba Maple	11+14+11	21	2.0	F	F	F	2.3	Remove
840	*Acer negundo*	Manitoba Maple	7+12+16	21	2.0	F	F	F	2.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
841	*Acer negundo*	Manitoba Maple	20	20	2.0	F	F	F	2.3	Remove
842	*Acer negundo*	Manitoba Maple	20+12	23	3.0	F	F	F	3.3	Remove
843	*Acer negundo*	Manitoba Maple	10	10	1.5	F	F	F	1.8	Remove
844	*Acer negundo*	Manitoba Maple	17+13	21	2.0	F	F	F	2.3	Remove
845	*Acer negundo*	Manitoba Maple	14+16	21	1.5	F	F	F	1.8	Remove
846	*Acer negundo*	Manitoba Maple	11+11+21+20+26	42	4.0	F	F	F	4.3	Remove
847	*Acer negundo*	Manitoba Maple	28	28	3.0	F	F	F	3.3	Remove
848	*Acer negundo*	Manitoba Maple	30+32	44	3.0	F	F	F	3.3	Remove
849	*Acer negundo*	Manitoba Maple	39+28	48	3.0	F	F	F	3.3	Remove
850	*Acer negundo*	Manitoba Maple	11+14+22	28	4.0	F	F	F	4.3	Remove
851	*Acer negundo*	Manitoba Maple	24+30	38	4.0	F	F	F	4.3	Remove
852	*Acer negundo*	Manitoba Maple	27	27	2.5	P	P	P	2.8	Remove
853	*Acer negundo*	Manitoba Maple	29+29+29	50	3.0	P	P	P	3.3	Remove
854	*Acer negundo*	Manitoba Maple	24+16	29	4.0	P	P	P	4.3	Remove
855	*Acer negundo*	Manitoba Maple	18+22	28	3.0	F	F	F	3.3	Remove
856	*Acer saccharum*	Sugar Maple	21	21	1.5	F	F	F	1.8	Remove
857	*Acer negundo*	Manitoba Maple	18+12+30	37	2.0	P	P	P	2.3	Remove
858	*Acer negundo*	Manitoba Maple	20	20	3.5	P	P	P	3.8	Remove
859	*Acer negundo*	Manitoba Maple	19+19	27	2.0	F	F	F	2.3	Remove
860	*Acer negundo*	Manitoba Maple	20	20	2.0	F	F	F	2.3	Remove
861	-	Unknown	13	13	-	D	D	D	-	Remove
862	*Acer negundo*	Manitoba Maple	28	28	2.0	F	F	F	2.3	Remove
863	*Acer negundo*	Manitoba Maple	13	13	2.0	F	F	F	2.3	Remove
864	*Acer negundo*	Manitoba Maple	24	24	2.0	F	F	F	2.3	Remove
865	*Acer negundo*	Manitoba Maple	31	31	3.0	F	F	F	3.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
866	*Acer negundo*	Manitoba Maple	16	16	2.0	F	F	F	2.3	Remove
867	*Acer negundo*	Manitoba Maple	20+10	22	2.0	F	F	F	2.3	Remove
868	*Acer negundo*	Manitoba Maple	19	19	2.0	F	F	F	2.3	Remove
869	*Acer negundo*	Manitoba Maple	19+15	24	2.0	F	F	F	2.3	Remove
870	*Acer negundo*	Manitoba Maple	20+23	30	2.0	F	F	F	2.3	Remove
871	*Acer negundo*	Manitoba Maple	19+13	23	2.0	F	F	F	2.3	Remove
872	*Acer negundo*	Manitoba Maple	11+13	17	2.0	F	F	F	2.3	Remove
873	*Acer negundo*	Manitoba Maple	17+9	19	2.0	F	F	F	2.3	Remove
874	*Acer negundo*	Manitoba Maple	20	20	3.0	P	P	P	3.3	Remove
875	*Acer negundo*	Manitoba Maple	20	20	2.0	F	F	F	2.3	Remove
876	*Acer negundo*	Manitoba Maple	16	16	2.0	F	F	F	2.3	Remove
877	*Acer negundo*	Manitoba Maple	20	20	2.0	F	F	F	2.3	Remove
878	*Acer negundo*	Manitoba Maple	22	22	2.0	F	F	F	2.3	Remove
879	*Acer negundo*	Manitoba Maple	24+13	27	3.0	F	F	F	3.3	Remove
880	*Acer negundo*	Manitoba Maple	19	19	1.0	F	F	F	1.3	Remove
881	*Acer negundo*	Manitoba Maple	14	14	-	D	D	D	-	Remove
882	*Acer negundo*	Manitoba Maple	11	11	3.0	P	P	P	3.3	Remove
883	*Acer negundo*	Manitoba Maple	17+17	24	3.0	P	P	P	3.3	Remove
884	*Acer negundo*	Manitoba Maple	28+20	34	3.0	F	F	F	3.3	Remove
885	*Acer negundo*	Manitoba Maple	17	17	2.0	F	F	F	2.3	Remove
886	*Acer negundo*	Manitoba Maple	30	30	3.0	P	P	P	3.3	Remove
887	*Acer negundo*	Manitoba Maple	21	21	3.0	P	P	P	3.3	Remove
888	*Acer negundo*	Manitoba Maple	11	11	1.5	P	P	P	1.8	Remove
889	*Acer negundo*	Manitoba Maple	27	27	-	D	D	D	-	Remove
890	*Acer negundo*	Manitoba Maple	26	26	-	D	D	D	-	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
891	*Acer negundo*	Manitoba Maple	22+32	39	2.5	F	F	F	2.8	Remove
892	*Acer negundo*	Manitoba Maple	27	27	3.0	P	P	P	3.3	Remove
893	*Acer negundo*	Manitoba Maple	16	16	3.0	P	P	P	3.3	Remove
894	*Acer negundo*	Manitoba Maple	21	21	3.0	P	P	P	3.3	Remove
895	*Acer negundo*	Manitoba Maple	14	14	1.5	P	P	P	1.8	Remove
896	*Acer negundo*	Manitoba Maple	27+16	31	3.0	F	F	F	3.3	Remove
897	*Acer negundo*	Manitoba Maple	13	13	1.0	P	P	P	1.3	Remove
898	*Acer negundo*	Manitoba Maple	18+14+20	30	3.0	P	P	P	3.3	Remove
899	*Acer negundo*	Manitoba Maple	16+10	19	3.0	P	P	P	3.3	Remove
900	*Acer negundo*	Manitoba Maple	20	20	4.0	P	P	P	4.3	Remove
901	*Acer negundo*	Manitoba Maple	26+24	35	4.0	F	F	F	4.3	Remove
902	*Acer negundo*	Manitoba Maple	27+14	30	3.0	P	P	P	3.3	Remove
903	*Acer negundo*	Manitoba Maple	22	22	4.0	F	F	F	4.3	Remove
904	*Acer negundo*	Manitoba Maple	14+22	26	2.5	F	F	F	2.8	Remove
905	*Acer negundo*	Manitoba Maple	14+27	30	3.0	F	F	F	3.3	Remove
906	*Acer negundo*	Manitoba Maple	27	27	3.0	F	F	F	3.3	Remove
907	*Acer negundo*	Manitoba Maple	20+18+13	30	3.0	F	F	F	3.3	Perimeter
908	*Populus grandidentata*	Largetooth Aspen	40	40	4.0	F	F	F	4.3	Perimeter
909	*Acer negundo*	Manitoba Maple	14	14	2.0	P	P	P	2.3	Perimeter
910	*Populus* sp.	Poplar sp.	20	20	2.0	F	F	F	2.3	Remove
911	*Juglans nigra*	Black Walnut	14	14	2.0	G	G	G	2.3	Perimeter
912	*Acer negundo*	Manitoba Maple	14+14+8+10+10	26	3.0	F	F	F	3.3	Perimeter
913	*Acer negundo*	Manitoba Maple	22+22	31	3.0	P	P	P	3.3	Perimeter
914	*Acer negundo*	Manitoba Maple	33+24	41	3.0	P	P	P	3.3	Perimeter
915	*Acer negundo*	Manitoba Maple	36	36	3.0	P	P	P	3.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
916	*Acer negundo*	Manitoba Maple	39	39	4.0	P	P	P	4.3	Remove
918	*Acer negundo*	Manitoba Maple	19	19	3.5	P	P	P	3.8	Perimeter
919	*Acer negundo*	Manitoba Maple	14	14	2.0	P	P	P	2.3	Perimeter
920	*Acer negundo*	Manitoba Maple	18+13	22	3.5	P	P	P	3.8	Perimeter
921	*Acer negundo*	Manitoba Maple	15	15	3.0	P	P	P	3.3	Perimeter
922	*Acer negundo*	Manitoba Maple	18	18	4.0	F	F	F	4.3	Perimeter
923	*Acer negundo*	Manitoba Maple	17	17	4.0	F	F	F	4.3	Perimeter
924	*Acer negundo*	Manitoba Maple	11+10+22+11+12	31	4.0	F	F	F	4.3	Perimeter
925	*Fraxinus pennsylvanica*	Green Ash	13	13	3.0	F	F	F	3.3	Perimeter
926	*Acer negundo*	Manitoba Maple	11	11	4.0	P	P	P	4.3	Perimeter
927	*Acer negundo*	Manitoba Maple	24+10+12	29	4.0	F	F	F	4.3	Perimeter
928	*Acer negundo*	Manitoba Maple	12+12+24+22	37	5.0	F	F	F	5.3	Perimeter
929	*Acer negundo*	Manitoba Maple	15	15	4.0	P	P	P	4.3	Perimeter
930	*Acer negundo*	Manitoba Maple	15+12+15	24	4.0	P	P	P	4.3	Perimeter
931	*Acer negundo*	Manitoba Maple	16+16+10	25	4.5	F	F	F	4.8	Perimeter
932	*Acer negundo*	Manitoba Maple	18+20+23	35	4.5	P	P	P	4.8	Perimeter
933	*Acer negundo*	Manitoba Maple	12	12	3.0	P	P	P	3.3	Perimeter
934	*Acer negundo*	Manitoba Maple	16	16	3.0	F	F	F	3.3	Perimeter
935	*Acer negundo*	Manitoba Maple	11	11	4.0	F	F	F	4.3	Perimeter
936	*Ulmus pumila*	Siberian Elm	22	22	3.0	F	F	F	3.3	Perimeter
937	*Acer negundo*	Manitoba Maple	21+16	26	3.0	P	P	P	3.3	Perimeter
938	*Juglans nigra*	Black Walnut	18	18	2.0	G	G	F	2.3	Perimeter
939	*Acer negundo*	Manitoba Maple	14	14	2.0	P	P	P	2.3	Perimeter
940	*Acer negundo*	Manitoba Maple	13	13	2.0	F	F	F	2.3	Perimeter
941	*Acer negundo*	Manitoba Maple	10	10	2.0	F	F	F	2.3	Perimeter

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
942	*Acer negundo*	Manitoba Maple	19	19	3.0	P	P	P	3.3	Perimeter
943	*Acer negundo*	Manitoba Maple	22	22	3.0	P	P	P	3.3	Perimeter
944	*Juglans nigra*	Black Walnut	16	16	2.0	P	P	P	2.3	Perimeter
945	*Acer negundo*	Manitoba Maple	16+16+16+14	31	4.0	F	F	F	4.3	Perimeter
946	*Acer negundo*	Manitoba Maple	13	13	1.0	F	F	F	1.3	Perimeter
947	*Acer negundo*	Manitoba Maple	18+18+22	34	3.0	F	F	F	3.3	Perimeter
948	*Acer negundo*	Manitoba Maple	10+20+10	24	3.0	F	F	F	3.3	Perimeter
949	*Acer negundo*	Manitoba Maple	10+10	14	3.0	F	F	F	3.3	Perimeter
950	*Acer negundo*	Manitoba Maple	14+16+17	27	3.0	F	F	F	3.3	Perimeter
951	*Juglans nigra*	Black Walnut	22	22	4.0	F	F	F	4.3	Perimeter
952	*Juglans nigra*	Black Walnut	17	17	3.5	G	G	G	3.8	Perimeter
953	*Acer negundo*	Manitoba Maple	16	16	2.0	F	F	F	2.3	Perimeter
954	*Acer negundo*	Manitoba Maple	11+8	14	2.5	F	F	F	2.8	Perimeter
955	*Acer platanoides*	Norway Maple	27	27	4.0	F	F	F	4.3	Perimeter
956	*Acer platanoides*	Norway Maple	23	23	3.0	F	F	F	3.3	Perimeter
957	*Acer platanoides*	Norway Maple	17	17	3.0	F	F	F	3.3	Perimeter
958	*Acer platanoides*	Norway Maple	16	16	2.0	F	F	F	2.3	Perimeter
959	*Acer platanoides*	Norway Maple	17	17	2.0	F	F	F	2.3	Perimeter
960	*Acer platanoides*	Norway Maple	16	16	2.0	F	F	F	2.3	Perimeter
961	*Acer platanoides*	Norway Spruce	28	28	3.0	F	F	F	3.3	Perimeter
962	*Acer platanoides*	Norway Maple	18+13	22	2.0	F	F	F	2.3	Perimeter
963	*Acer platanoides*	Norway Maple	8+26	27	3.0	G	G	G	3.3	Perimeter
964	*Acer platanoides*	Norway Maple	14+14	20	3.0	G	G	G	3.3	Perimeter
965	*Acer platanoides*	Norway Maple	30	30	3.5	G	G	G	3.8	Perimeter
966	*Juglans nigra*	Black Walnut	13	13	1.5	F	F	F	1.8	Perimeter

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
968	*Acer platanoides*	Norway Maple	11+11+11+11	22	2.0	F	F	F	2.3	Perimeter
969	*Acer platanoides*	Norway Maple	16+16+11	25	4.0	F	F	F	4.3	Remove
970	*Juglans nigra*	Black Walnut	30	30	4.5	F	F	F	4.8	Perimeter
971	*Acer negundo*	Manitoba Maple	12+16	20	4.0	F	F	F	4.3	Remove
972	*Acer negundo*	Manitoba Maple	17	17	4.0	F	F	F	4.3	Remove
973	*Acer negundo*	Manitoba Maple	18	18	4.0	P	P	P	4.3	Remove
974	*Acer negundo*	Manitoba Maple	13	13	2.0	F	F	F	2.3	Remove
975	*Acer negundo*	Manitoba Maple	13	13	2.0	F	F	F	2.3	Remove
976	*Acer negundo*	Manitoba Maple	14+11+11	21	3.0	F	F	F	3.3	Remove
977	*Acer negundo*	Manitoba Maple	20	20	4.5	F	F	F	4.8	Remove
978	*Acer negundo*	Manitoba Maple	17	17	2.0	P	P	P	2.3	Remove
979	*Acer negundo*	Manitoba Maple	18	18	3.0	F	F	F	3.3	Remove
980	*Acer negundo*	Manitoba Maple	13+27	30	3.5	F	F	F	3.8	Remove
981	*Acer negundo*	Manitoba Maple	20	20	3.5	F	F	F	3.8	Remove
982	*Acer negundo*	Manitoba Maple	34	34	4.0	F	F	F	4.3	Remove
983	*Acer negundo*	Manitoba Maple	36	36	5.0	P	P	P	5.3	Remove
984	*Acer negundo*	Manitoba Maple	30+33+35	57	5.0	P	P	P	5.3	Remove
985	*Acer negundo*	Manitoba Maple	24	24	3.0	F	F	F	3.3	Remove
986	*Acer negundo*	Manitoba Maple	18	18	2.0	F	F	F	2.3	Remove
987	*Acer negundo*	Manitoba Maple	13	13	3.0	F	F	F	3.3	Remove
988	*Acer negundo*	Manitoba Maple	11	11	2.0	P	P	P	2.3	Perimeter
989	*Acer negundo*	Manitoba Maple	18	18	3.0	F	F	F	3.3	Perimeter
990	*Acer negundo*	Manitoba Maple	21	21	3.0	P	P	P	3.3	Perimeter
991	*Acer negundo*	Manitoba Maple	14+13+14	24	4.0	F	F	F	4.3	Perimeter
992	*Acer negundo*	Manitoba Maple	11+16	19	4.0	F	F	F	4.3	Perimeter

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
993	*Acer negundo*	Manitoba Maple	16	16	3.0	F	F	F	3.3	Perimeter
994	*Acer negundo*	Manitoba Maple	17	17	3.0	P	P	P	3.3	Remove
995	*Juglans nigra*	Black Walnut	34	34	2.0	F	F	F	2.3	Remove
996	*Acer negundo*	Manitoba Maple	32	32	3.5	P	P	P	3.8	Remove
997	*Acer negundo*	Manitoba Maple	27	27	4.0	P	P	P	4.3	Perimeter
998	*Juglans nigra*	Black Walnut	28	28	3.0	F	F	F	3.3	Perimeter
999	*Acer negundo*	Manitoba Maple	11+12	16	3.0	P	P	P	3.3	Remove
1000	*Acer negundo*	Manitoba Maple	16+20	26	3.0	P	P	P	3.3	Perimeter
-	*Juglans* sp. hybrid	Walnut hybrid	10	10	-	D	D	D	-	Remove
206i	*Acer negundo*	Manitoba Maple	41+30	51	4.5	P	P	P	4.8	Perimeter
207i	*Acer negundo*	Manitoba Maple	48	48	4.5	F	F	F	4.8	Perimeter
208i	*Juglans nigra*	Black Walnut	21+22+23	38	2.0	P	P	P	2.3	Remove
209i	*Juglans nigra*	Black Walnut	26	26	3.0	P	P	P	3.3	Perimeter
210i	*Juglans nigra*	Black Walnut	12+15	19	2.5	F	F	F	2.8	Remove
211i	*Juglans nigra*	Black Walnut	11	11	3.0	F	F	F	3.3	Remove
212i	*Ulmus pumila*	Siberian Elm	15	15	2.5	F	F	F	2.8	Remove
213i	*Acer negundo*	Manitoba Maple	10	10	1.5	P	P	P	1.8	Remove
214i	*Acer negundo*	Manitoba Maple	24	24	4.0	P	P	P	4.3	Remove
215i	*Acer negundo*	Manitoba Maple	52	52	5.0	P	P	P	5.3	Remove
216i	*Acer saccharum*	Sugar Maple	16	16	4.0	F	F	F	4.3	Remove
217i	*Acer negundo*	Manitoba Maple	36+19	41	4.0	P	P	P	4.3	Remove
218i	*Acer negundo*	Manitoba Maple	24+23+14	36	4.0	P	P	P	4.3	Remove
219i	*Acer negundo*	Manitoba Maple	27	27	4.0	P	P	P	4.3	Remove
220i	*Acer negundo*	Manitoba Maple	27	27	4.0	P	P	P	4.3	Remove
221i	*Acer negundo*	Manitoba Maple	8+13	15	3.0	P	P	P	3.3	Remove

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
222i	*Acer negundo*	Manitoba Maple	11	11	2.0	F	F	F	2.3	Remove
223i	*Acer negundo*	Manitoba Maple	13	13	2.0	F	F	F	2.3	Remove
224i	*Acer negundo*	Manitoba Maple	24	24	3.0	F	F	F	3.3	Remove
225i	*Acer negundo*	Manitoba Maple	20+21+16	33	4.5	F	F	F	4.8	Remove
226i	*Acer negundo*	Manitoba Maple	16	16	4.0	F	F	F	4.3	Remove
227i	*Acer negundo*	Manitoba Maple	27	27	2.5	F	F	F	2.8	Remove
A	*Acer platanoides*	Norway Maple	27	27	7.0	F	G	G	7.3	Retain
AA	*Acer saccharum*	Sugar Maple	34	34	4.0	G	G	G	4.3	Retain
AB	*Acer saccharum*	Sugar Maple	10	10	3.0	G	G	G	3.3	Retain
AC	*Acer saccharum*	Sugar Maple	50	50	6.0	G	G	G	6.3	Retain
AD	*Juglans nigra*	Black Walnut	50	50	7.0	G	G	G	7.3	Retain
AE	*Acer saccharum*	Sugar Maple	15	15	2.0	F	G	F	2.3	Retain
AF	*Picea abies*	Norway Spruce	30	30	3.0	G	G	G	3.3	Retain
AG	*Fraxinus pennsylvanica*	Green Ash	19	19	3.0	G	F	F	3.3	Retain
AH	*Picea abies*	Norway Spruce	30	30	3.0	G	G	G	3.3	Retain
AI	*Picea abies*	Norway Spruce	25	25	2.0	G	F	F	2.3	Retain
AJ	*Picea abies*	Norway Spruce	30	30	3.0	G	G	G	3.3	Retain
AK	*Thuja occidentalis*	Eastern White Cedar	20+25+15+20+20	45	4	G	G	G	4.3	Retain
AL	*Picea pungens*	Blue Spruce	18	18	3	G	G	G	3.3	Injury
AM	*Picea pungens*	Blue Spruce	14	14	2	G	G	G	2.3	Retain
AN	*Picea pungens*	Blue Spruce	40	40	5	G	G	G	5.3	Retain
AO	*Picea pungens*	Blue Spruce	20	20	4	G	G	G	4.3	Retain
AP	*Picea pungens*	Blue Spruce	16	16	2	G	G	G	2.3	Retain
AQ	*Picea pungens*	Blue Spruce	30	30	3	G	G	G	3.3	Retain
AR	*Picea pungens*	Blue Spruce	25	25	3	G	G	G	3.3	Retain

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
AS	*Picea pungens*	Blue Spruce	25	25	3	G	F	F	3.3	Retain
AT	*Picea pungens*	Blue Spruce	25	25	3	G	G	G	3.3	Retain
AU	*Picea abies*	Norway Spruce	25	25	4	F	G	F	4.3	Retain
AV	*Acer saccharinum*	Silver Maple	30	30	3	G	G	G	3.3	Retain
AW	*Acer platanoides*	Norway Maple	14+9	17	3	G	G	G	3.3	Retain
AX	*Acer platanoides*	Norway Maple	18	18	3	G	G	G	3.3	Retain
AY	*Picea abies*	Norway Spruce	30	30	4	G	G	G	4.3	Retain
AZ	*Pinus sylvestris*	Scots Pine	35	35	3	F	G	F	3.3	Retain
B	*Acer platanoides*	Norway Maple	14	14	3.0	F	G	G	3.3	Retain
BA	*Acer saccharinum*	Silver Maple	40+50+20	67	7	F	G	F	7.3	Retain
BB	*Picea pungens*	Blue Spruce	40	40	4	G	G	G	4.3	Injury
BC	*Betula papyrifera*	White Birch	30+40	50	5	G	G	G	5.3	Retain
BD	*Picea pungens*	Blue Spruce	25	25	2	G	G	G	2.3	Retain
BE	*Picea pungens*	Blue Spruce	30	30	4	G	G	G	4.3	Retain
BF	*Acer platanoides*	Norway Maple	15	15	2	G	G	G	2.3	Retain
BG	*Picea pungens*	Blue Spruce	20	20	3	G	G	G	3.3	Retain
BH	*Picea glauca*	White Spruce	15	15	3	G	G	G	3.3	Retain
BI	*Acer negundo*	Manitoba Maple	16+14+16	27	3	G	G	G	3.3	Retain
BJ	*Acer saccharum*	Sugar Maple	65	65	6	G	G	G	6.3	Injury
BK	*Fraxinus* sp.	Ash sp.	15+15	21	2	F	F	F	2.3	Retain
BL	*Acer platanoides*	Norway Maple	11+8	14	3	G	G	G	3.3	Retain
BM	*Malus* sp.	Apple sp.	45+8	46	6	F	F	F	6.3	Retain
BN	*Acer negundo*	Manitoba Maple	20	20	4	P	G	F	4.3	Retain
BO	*Acer platanoides*	Norway Maple	20	20	3	G	G	G	3.3	Retain
BP	*Acer saccharum*	Sugar Maple	55	55	7	G	G	G	7.3	Retain

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
BQ	*Acer negundo*	Manitoba Maple	40+40	57	6	P	F	P	6.3	Retain
BR	*Acer negundo*	Manitoba Maple	40+20	45	6	P	G	P	6.3	Retain
BS	*Acer negundo*	Manitoba Maple	26+27	37	3	P	F	P	3.3	Retain
BT	*Acer negundo*	Manitoba Maple	25+10	27	5	P	F	P	5.3	Retain
BU	*Acer negundo*	Manitoba Maple	25+25	35	5	P	F	P	5.3	Retain
BV	*Acer negundo*	Manitoba Maple	25	25	4	F	G	F	4.3	Retain
BW	*Acer negundo*	Manitoba Maple	25	25	4	F	G	F	4.3	Retain
BX	*Malus* sp.	Apple sp.	20+30	36	5	P	F	P	5.3	Retain
BY	*Acer saccharum*	Sugar Maple	70	70	7	G	G	G	7.3	Retain
BZ	*Picea abies*	Norway Spruce	40	40	3	G	G	G	3.3	Retain
C	*Acer saccharum*	Sugar Maple	11	11	2.0	G	F	G	2.3	Retain
CA	*Picea abies*	Norway Spruce	40	40	3	G	G	G	3.3	Retain
CB	*Picea abies*	Norway Spruce	20	20	3	G	G	G	3.3	Retain
CC	*Picea abies*	Norway Spruce	10	10	2	G	G	G	2.3	Retain
CD	*Picea abies*	Norway Spruce	30	30	3	G	G	G	3.3	Retain
CE	*Picea abies*	Norway Spruce	15	15	2	G	G	G	2.3	Retain
CF	*Picea abies*	Norway Spruce	15	15	2	G	G	G	2.3	Retain
CG	*Picea abies*	Norway Spruce	15	15	2	G	G	G	2.3	Retain
CH	*Picea abies*	Norway Spruce	15	15	2	G	G	G	2.3	Retain
CI	*Picea abies*	Norway Spruce	15	15	2	G	G	G	2.3	Retain
CJ	*Picea abies*	Norway Spruce	20	20	2	G	F	G	2.3	Retain
CK	*Pinus sylvestris*	Scots Pine	20	20	2	F	F	F	2.3	Retain
CL	*Acer saccharum*	Sugar Maple	16	16	2	G	G	G	1.8	Injury
CM	*Acer negundo*	Manitoba Maple	20+24+12+10+10	36	2	G	G	G	2.3	Injury
CN	*Prunus* sp.	Cherry sp.	30	30	2	F	F	F	2.3	Injury

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
CO	*Fraxinus* sp.	Ash sp.	28	28	3	D	D	D	2.8	Injury
CP	*Acer negundo*	Manitoba Maple	30+15+8	34	2	P	P	P	2.3	Injury
CQ	*Acer negundo*	Manitoba Maple	30+35	46	3	F	F	F	3.3	Injury
CR	*Malus* sp.	Apple sp.	18+8	20	1.5	F	F	F	1.8	Retain
CS	*Juniperus virginiana*	Red Cedar	15	15	2.0	F	F	F	2.3	Retain
CT	*Juniperus virginiana*	Red Cedar	18	18	1.5	G	G	G	1.8	Retain
CU	*Acer platanoides*	Norway Maple	30	30	3.0	F	F	F	3.3	Retain
CV	*Acer platanoides*	Norway Maple	30	30	2.0	G	G	G	2.3	Retain
CW	*Malus* sp.	Apple sp.	20+22+25	39	2.5	F	F	F	2.8	Retain
CX	*Pinus strobus*	White Pine	45	45	4.0	G	G	G	4.3	Retain
CY	*Pinus strobus*	White Pine	40	40	4.0	G	G	G	4.3	Retain
CZ	*Pinus strobus*	White Pine	30	30	4.0	G	G	G	4.3	Retain
D	*Pinus sylvestris*	Scots Pine	47	47	3.0	G	G	G	3.3	Retain
DA	*Acer platanoides*	Norway Maple	35	35	3.0	G	G	G	3.3	Retain
DB	*Picea glauca*	White Spruce	40	40	4.0	G	G	G	4.3	Retain
DC	*Picea glauca*	White Spruce	25	25	3.0	F	F	F	3.3	Retain
DD	*Picea glauca*	White Spruce	25	25	3.0	F	F	F	3.3	Retain
DE	*Populus grandidentata*	Largetooth Aspen	80	80	5.0	G	G	G	5.3	Injury
DF	*Picea glauca*	White Spruce	25	25	3.0	F	F	F	3.3	Retain
DG	*Pinus strobus*	White Pine	30	30	3.0	G	G	G	3.3	Retain
DH	*Populus grandidentata*	Largetooth Aspen	30+50+40	71	5.0	F	F	F	5.3	Injury
DI	*Acer platanoides*	Norway Maple	10	10	2.0	F	F	F	2.3	Retain
DJ	*Populus grandidentata*	Largetooth Aspen	50	50	4.0	F	F	F	4.3	Retain
DK	*Picea glauca*	White Spruce	20	20	2.0	F	F	F	2.3	Retain
DL	*Pinus resinosa*	Red Pine	40	40	4.0	G	G	G	4.3	Retain

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Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
DM	*Picea glauca*	White Spruce	35	35	3.0	F	F	F	3.3	Retain
DN	*Acer platanoides*	Norway Maple	30	30	2.0	G	G	G	2.3	Retain
DO	*Picea glauca*	White Spruce	25	25	3.0	F	F	F	3.3	Retain
DP	*Acer saccharinum*	Silver Maple	30+35+30	55	3.0	G	G	G	3.3	Retain
DQ	*Picea pungens*	Blue Spruce	35	35	3.0	G	G	G	3.3	Retain
DR	*Picea pungens*	Blue Spruce	30	30	3.0	F	F	F	3.3	Retain
DS	*Pinus strobus*	White Pine	35	35	3.0	G	G	G	3.3	Retain
DT	*Acer platanoides*	Norway Maple	45	45	3.0	G	G	G	3.3	Retain
DU	*Prunus* sp.	Cherry sp.	20+22	30	2.0	G	G	G	2.3	Retain
DV	*Malus* sp.	Apple sp.	50	50	4.0	F	F	F	4.3	Retain
DW	*Acer negundo*	Manitoba Maple	35	35	3.0	F	F	F	3.3	Retain
DX	*Acer platanoides*	Norway Maple	25+22+18	38	4.0	G	G	G	4.3	Retain
DY	*Pinus strobus*	White Pine	20	20	1.5	P	P	P	1.8	Injury
DZ	*Acer platanoides*	Norway Maple	45	45	4.0	G	G	G	4.3	Injury
E	*Acer platanoides*	Norway Maple	19	19	3.0	G	G	G	3.3	Retain
EA	*Acer platanoides*	Norway Maple	35	35	4.0	G	G	G	4.3	Injury
EB	*Acer platanoides*	Norway Maple	35	35	4.5	G	G	G	4.8	Retain
EC	*Acer platanoides*	Norway Maple	40	40	5.0	G	G	G	5.3	Retain
ED	*Acer saccharum*	Sugar Maple	45	45	5.5	G	G	G	5.8	Retain
EE	*Acer platanoides*	Norway Maple	50	50	5.0	F	F	F	5.3	Retain
EEE	*Acer negundo*	Manitoba Maple	15+20+20	32	4.0	F	F	F	4.3	Retain
EF	*Acer negundo*	Manitoba Maple	80	80	5.0	G	G	G	5.3	Retain
EG	*Acer negundo*	Manitoba Maple	60	60	5.0	G	G	G	5.3	Retain
EH	*Acer platanoides*	Norway Maple	20	20	4.0	F	F	F	4.3	Injury
EI	*Pinus* sp.	Pine sp.	22	22	-	D	D	D	-	Injury

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
EJ	*Acer platanoides*	Norway Maple	18	18	3.0	G	G	G	3.3	Injury
EK	*Acer platanoides*	Norway Maple	15	15	-	D	D	D	-	Injury
EL	-	Unknown	25	25	-	D	D	D	-	Injury
EM	*Acer platanoides*	Norway Maple	20+20	28	3.0	P	P	P	3.3	Injury
EN	*Pinus* sp.	Pine sp.	25	25	-	D	D	D	-	Injury
EO	*Acer platanoides*	Norway Maple	25+20	32	3.0	F	F	F	3.3	Injury
EP	*Pinus* sp.	Pine sp.	15	15	-	D	D	D	-	Injury
EQ	*Acer platanoides*	Norway Maple	15+20	25	2.0	F	F	F	2.3	Injury
ER	*Pinus* sp.	Pine sp.	35	35	-	D	D	D	-	Injury
ES	*Pinus* sp.	Pine sp.	32	32	-	D	D	D	-	Injury
ET	*Acer platanoides*	Norway Maple	15	15	2.0	F	F	F	2.3	Injury
EU	*Pinus strobus*	White Pine	35	35	4.0	F	F	F	4.3	Retain
EV	*Pinus strobus*	White Pine	30	30	4.0	F	F	F	4.3	Retain
EW	*Pinus strobus*	White Pine	35	35	4.0	F	F	F	4.3	Retain
EX	*Pinus strobus*	White Pine	38	38	4.0	F	F	F	4.3	Retain
EY	*Pinus strobus*	White Pine	45	45	4.0	F	F	F	4.3	Retain
EZ	*Pinus strobus*	White Pine	15+16+14	26	-	D	D	D	-	Retain
F	*Pinus sylvestris*	Scots Pine	22	22	4.0	F-G	F-G	F	4.3	Retain
FA	*Pinus strobus*	White Pine	30	30	3.0	P	P	P	3.3	Retain
FB	*Acer platanoides*	Norway Maple	12	12	2.0	F	F	F	2.3	Retain
FC	*Pinus strobus*	White Pine	40	40	3.0	F	F	F	3.3	Retain
FD	*Acer saccharum*	Sugar Maple	18	18	2.0	F	F	F	2.3	Retain
FE	*Acer saccharum*	Sugar Maple	20	20	2.5	F	F	F	2.8	Retain
FF	*Acer negundo*	Manitoba Maple	40	40	7.5	P	P	P	7.8	Retain
FG	*Acer saccharinum*	Silver Maple	12+55+20+15	62	5.0	F	F	F	5.3	Remove

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Tag #	Scientific Name	Common Name	DBH (cm)	Effective DBH (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
FH	*Acer negundo*	Manitoba Maple	30	30	4.0	F	F	F	4.3	Injury
FI	*Acer platanoides*	Norway Maple	40	40	6.0	F	F	F	6.3	Injury
G	*Pinus sylvestris*	Scots Pine	21	21	4.0	F-G	F-G	F	4.3	Retain
H	*Acer saccharum*	Sugar Maple	12	12	5.0	G	G	G	5.3	Retain
I	*Thuja occidentalis*	Eastern White Cedar	12	12	1.5	P-F	P-F	F	1.8	Retain
J	*Acer saccharum*	Sugar Maple	38	38	6.0	G	G	G	6.3	Retain
K	*Acer saccharum*	Sugar Maple	28	28	6.0	G	G	G	6.3	Retain
L	*Acer platanoides*	Norway Maple	12	12	3.5	G	G	G	3.8	Retain
M	*Acer platanoides*	Norway Maple	16	16	2.5	F-G	G	G	2.8	Retain
N	*Thuja occidentalis*	Eastern White Cedar	26	26	2.0	VP-P	P-F	P	2.3	Retain
O	*Thuja occidentalis*	Eastern White Cedar	28	28	3.0	F	F	F	3.3	Retain
P	*Thuja occidentalis*	Eastern White Cedar	21	21	3.0	F	F	F	3.3	Retain
Q	*Thuja occidentalis*	Eastern White Cedar	24	24	3.0	F	F	F	3.3	Retain

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Table B: Tree Inventory – Tree Groups

Tree Group No.	Scientific Name	Common Name	Tree Count	DBH Range (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
TG1	*Thuja occidentalis*	Eastern White Cedar	10	5-20	4	G	G	G	4.3	Retain
TG2	*Thuja occidentalis*	Eastern White Cedar	35	10-20	4	F	F	F	4.3	Perimeter
	Acer negundo	Manitoba Maple	3	7	2	F	F	F	4.3	Perimeter
TG3	*Thuja occidentalis*	Eastern White Cedar	15	15	4	G	G	G	4.3	Retain
TG4	*Thuja occidentalis*	Eastern White Cedar	15	15-25	4	G	G	G	4.3	Injury
TG5	*Thuja occidentalis*	Eastern White Cedar	15	5-10	2	G	G	G	2.3	Retain
TG6	*Picea abies*	Norway Spruce	100	10-30	3	G	G	G	4.3	Retain
	Quercus rubra	Northern Red Oak	15	8-14	4	G	G	G	4.3	Retain
	Fraxinus sp.	Ash sp.	15	10-15	0	D	D	D	4.3	Retain
	Picea pungens	Blue Spruce	1	15	3	G	G	G	4.3	Retain
	Acer negundo	Manitoba Maple	2	15	4	P	P	P	4.3	Retain
TG7	*Prunus serotina*	Black Cherry	1	20	3	F	F	F	4.3	Retain
	Acer negundo	Manitoba Maple	8	20-30	4	F	F	F	4.3	Retain
	Tilia americana	Basswood	1	15	3	G	G	G	4.3	Retain
TG8	*Prunus serotina*	Black Cherry	1	25	4	F	F	F	5.3	Retain
	Picea abies	Norway Spruce	5	20-50	5	G	G	G	5.3	Retain
	Pinus sylvestris	Scots Pine	2	20	2	G	G	G	5.3	Retain
	Acer negundo	Manitoba Maple	5	15-25	3	G	G	G	5.3	Retain
	Fraxinus sp.	Ash sp.	20	2-5	1	F	F	F	5.3	Retain
	Acer platanoides	Norway Maple	5	6-15	3	G	G	G	5.3	Retain
	Malus sp.	Apple sp.	3	20-25	4	F	F	F	5.3	Retain
TG9	*Picea abies*	Norway Spruce	5	10-25	4	G	G	G	4.3	Retain
	Pinus sylvestris	Scots Pine	2	10	3	G	G	G	4.3	Retain
TG10	*Fraxinus* sp.	Ash sp.	2	15	2	P	P	P	3.3	Retain

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
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Tree Group No.	Scientific Name	Common Name	Tree Count	DBH Range (cm)	Dripline (m)	Health Rating			TPZ (m)	Preservation Direction
						Structure	Vigour	Overall		
	Prunus serotina	Black Cherry	10	8-25	3	G	G	G	3.3	Retain
	Acer platanoides	Norway Maple	5	8-10	2	G	G	G	3.3	Retain
TG11	*Picea glauca*	White Spruce	2	15-20	2	F	F	F	3.3	Injury
	Pinus sylvestris	Scots Pine	8	20	2	F	F	F	3.3	Injury
	Acer negundo	Manitoba Maple	1	20	3	F	F	F	3.3	Injury
	Prunus serotina	Black Cherry	1	65	2	F	F	F	3.3	Injury
	Thuja occidentalis	Eastern White Cedar	15	5-10	1	F	F	F	3.3	Injury
	Picea pungens	Blue Spruce	3	15-20	2	F	F	F	3.3	Injury
TG12	*Prunus serotina*	Black Cherry	11	5-8	1	F	F	F	1.3	Perimeter
TG13	*Pinus strobus*	White Pine	21	15-20	2	F	F	F	2.3	Retain
	Picea glauca	White Spruce	15	15-20	2	F	F	F	2.3	Retain
	Prunus serotina	Black Cherry	3	15	2	F	F	F	2.3	Retain
TG14	*Populus tremuloides*	Trembling Aspen	21	10-20	3	F	F	F	3.3	Retain
	Acer negundo	Manitoba Maple	2	10-20	3	P	P	P	3.3	Retain

DBH= Diameter at Breast Height; TPZ = Tree Protection Zone.
Effective DBH: Measured as the square root of the sum of squares (for multi-stemm trees).

Appendix B

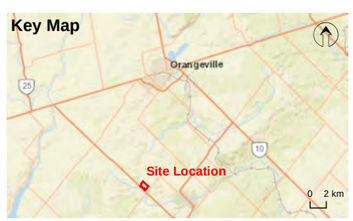
Figure 2 – Tree Protection Plan

GENERAL NOTES

- ALL EXISTING VEGETATION AND OTHER PLANTS WHICH ARE TO REMAIN SHALL BE FULLY PROTECTED WITH HOARDING (I.E. SNOW FENCING) TO STANDARDS AS DETAILED IN THIS DOCUMENT AND ERECTED BEYOND THEIR DRIP LINE PRIOR TO THE ISSUEANCE OF THE BUILDING OR GRADING PERMIT. AREAS WITHIN THE PROTECTIVE FENCING SHALL REMAIN UNDISTURBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS OR EQUIPMENT.
- TREE PROTECTION BARRIERS MUST BE INSTALLED AND AREA RECOMMENDED TO BE 1.2 M TALL ORANGE SNOW FENCING, SECURED ON METAL T-BARS, WITH A SECURE TOP-WIRE; BRACING SHOULD BE LOCATED OUTSIDE THE TREE PROTECTION ZONE.
- WHERE REQUIRED, SIGNS AS SPECIFIED IN SECTION 5.2, TREE PROTECTION SIGNAGE MUST BE ATTACHED TO ALL SIDES OF THE BARRIER.
- ONCE ALL TREE/SITE PROTECTION MEASURES HAVE BEEN INSTALLED, TOWN OF ERIN PLANNING STAFF MUST BE CONTACTED TO ARRANGE FOR AN INSPECTION OF THE SITE AND APPROVAL OF THE TREE/SITE PROTECTION REQUIREMENTS.
- TREE PROTECTION BARRIERS MUST REMAIN IN PLACE AND IN GOOD CONDITION DURING DEMOLITION, CONSTRUCTION AND/OR SITE DISTURBANCE, INCLUDING LANDSCAPING, AND MUST NOT BE ALTERED, MOVED OR REMOVED UNTIL AUTHORIZED BY THE TOWN OF ERIN PLANNING STAFF.
- TREES PERMITTED FOR REMOVAL SHALL ONLY BE DESTROYED FOLLOWING ISSUANCE OF A BUILDING OR GRADING PERMIT. ALL TREES TO BE REMOVED ARE TO BE FELLED INTO THE PROPOSED DEVELOPMENT AREA AS TO AVOID DAMAGE TO THE ADJACENT TREED AREAS.
- NO CONSTRUCTION ACTIVITIES INCLUDING GRADE CHANGES, SURFACE TREATMENTS OR EXCAVATION OF ANY KIND ARE PERMITTED WITHIN THE AREA IDENTIFIED ON THE TREE PROTECTION PLAN OR SITE PLAN AS A MINIMUM TREE PROTECTION ZONE (TPZ). NO ROOT CUTTING IS PERMITTED. NO STORAGE OF MATERIALS OR FILL IS PERMITTED WITHIN THE TPZ. NO MOVEMENT OR STORAGE OF VEHICLES OR EQUIPMENT IS PERMITTED WITHIN THE TPZ. THE AREA(S) IDENTIFIED AS A TPZ MUST BE PROTECTED AND REMAIN UNDISTURBED AT ALL TIMES.
- IF THE MINIMUM TREE PROTECTION ZONE (TPZ) MUST BE REDUCED TO FACILITATE CONSTRUCTION ACCESS, THE TREE PROTECTION BARRIERS MUST BE MAINTAINED AT A LESSER DISTANCE AND THE EXPOSED PORTION OF TPZ MUST BE PROTECTED USING A HORIZONTAL ROOT PROTECTION METHOD APPROVED BY THE TOWN OF ERIN PLANNING STAFF.
- WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE REMOVED CAREFULLY AND IN ACCORDANCE WITH ACCEPTED ARBORICULTURE PRACTICE.
- WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO CONSTRUCTION WORK OR DAMAGED BY SAID WORK, THEY SHALL BE TRIMMED NEATLY AND THE AREA BACKFILLED WITH APPROPRIATE MATERIAL TO PREVENT DESICCATION.
- WHERE NECESSARY, THE TREES WILL BE GIVEN AN OVERALL PRUNING TO RESTORE THE BALANCE BETWEEN ROOTS AND TOP GROWTH OR TO RESTORE THE APPEARANCE OF THE TREES.
- NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES AND SURPLUS SOIL, EQUIPMENT DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTIVE FENCING. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.
- THE CONTRACTOR SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT DAMAGE TO TREES OR SHRUBS TO BE RETAINED.
- TREES NOT IDENTIFIED FOR REMOVAL THAT HAVE DIED OR HAVE BEEN DAMAGED BEYOND REPAIR, SHALL BE REMOVED AND REPLACED BY THE OWNER AT THEIR OWN EXPENSE WITH TREES OF A SIMILAR SIZE, SPECIES, AND OF EQUAL VALUE.
- IF GRADES AROUND TREES TO BE PROTECTED ARE LIKELY TO CHANGE, THE OWNER SHALL BE REQUIRED TO TAKE SUCH PRECAUTIONS AS DRY WELLING, RETAINING WALLS AND ROOT FEEDING TO SATISFACTION OF THE TOWN OF ERIN PLANNING STAFF.
- PRIOR TO SITE DISTURBANCE THE OWNER MUST CONFIRM THAT NO MIGRATORY BIRDS ARE MAKING USE OF THE SITE FOR NESTING. THE OWNER MUST ENSURE THAT THE WORKS ARE IN CONFORMANCE WITH THE MIGRATORY BIRD CONVENTION ACT AND THAT NO MIGRATORY BIRD NESTS WILL BE IMPACTED BY THE PROPOSED WORK. TO AVOID A MBCA OR ESA OFFENCE BY THE INADVERTENT INJURY OR DESTRUCTION OF ACTIVE NESTS AND/OR EGGS DURING BIRD NESTING PERIODS, IT IS RECOMMENDED THAT ALL VEGETATION (INCLUDING TREE) REMOVAL WORKS ARE CONDUCTED BETWEEN NOVEMEBR 1 AND APRIL 14 OF ANY GIVEN YEAR.

LEGEND

- Inventory Tree to Retain - *with TPZ*
- Inventory Tree to Remove - *with TPZ*
- Inventory Tree at Risk to Potential Injury - *with TPZ*
- Inventory Tree to Remove if Necessary (Perimeter) - with TPZ
- Recommended Site Access
- Rig-matting/Horizontal Root Protection
- Tree Protection Fencing
- Natural Feature Setback (10 m)
- Planned Anthropogenic Green Space
- Stormwater Management Pond
- Subject Site (52.23 ha)



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Checked: KT
Date: Dec 22, 2023

NORTH

Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT: Ballantry Homes

PROJECT: Hillsburgh Due DIligence

TITLE: **Tree Protection Plan (Overview)**

Palmer | PART OF SLR

REF. NO. 2105001-2-3

Figure 2

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan (Overview).mxd

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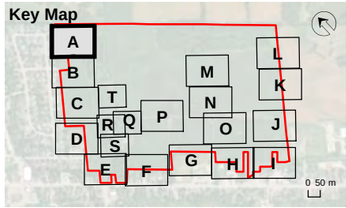
Key Map



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Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT
Ballantry Homes

PROJECT
Hillsburgh Due DIligence

TITLE
Tree Protection Plan

Palmer PART OF SLR

REF. NO. 2105001-2-4

Figure 2A

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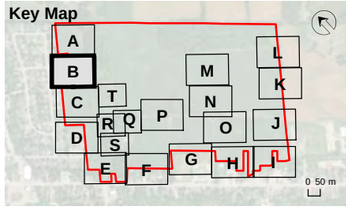
Key Map



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North American Datum 1983
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Drawn: SM
Checked: KT
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NORTH

Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT
Ballantry Homes

PROJECT
Hillsburgh Due DIligence

TITLE
Tree Protection Plan

Palmer | PART OF SLR

REF. NO. 2105001-2-4

Figure 2B

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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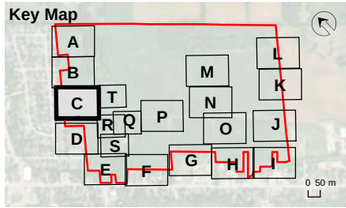

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Drawn: SM
Checked: KT
Date: Dec 22, 2023

NORTH

Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT: Ballantry Homes

PROJECT: Hillsburgh Due DIligence

TITLE: **Tree Protection Plan**

Palmer | PART OF SLR

REF. NO. 2105001-2-4

Figure 2C

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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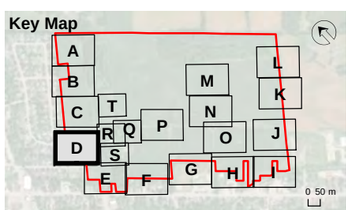

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Checked: KT
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NORTH

Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT: Ballantry Homes

PROJECT: Hillsburgh Due DIligence

TITLE: **Tree Protection Plan**

Palmer | PART OF SLR

REF. NO. 2105001-2-4

Figure 2D

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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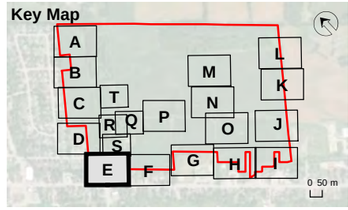

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REF. NO. 2105001-2-4

Figure 2E

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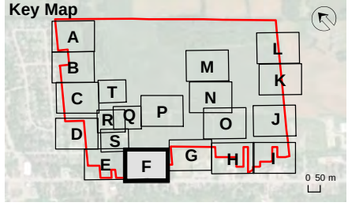

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North American Datum 1983
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Drawn: SM
Checked: KT
Date: Dec 22, 2023

NORTH

Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT
Ballantry Homes

PROJECT
Hillsburgh Due DIligence

TITLE
Tree Protection Plan

Palmer PART OF SLR

REF. NO. 2105001-2-4

Figure 2F

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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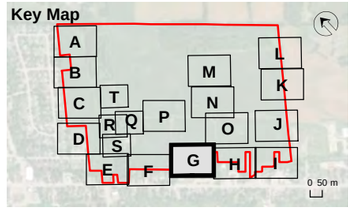

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CLIENT
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PROJECT
Hillsburgh Due DIligence

TITLE
Tree Protection Plan

Palmer | PART OF SLR

REF. NO. 2105001-2-4

Figure 2G

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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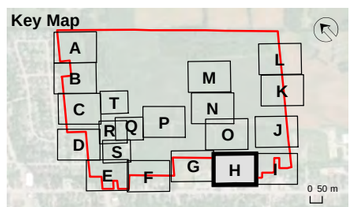

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Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT
Ballantry Homes

PROJECT
Hillsburgh Due DIligence

TITLE
Tree Protection Plan

Palmer | PART OF SLR

REF. NO. 2105001-2-4

Figure 2H

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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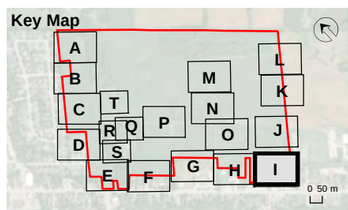

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CLIENT: Ballantry Homes

PROJECT: Hillsburgh Due DIligence

TITLE: **Tree Protection Plan**

Palmer | PART OF SLR

REF. NO. 2105001-2-4

Figure 2I

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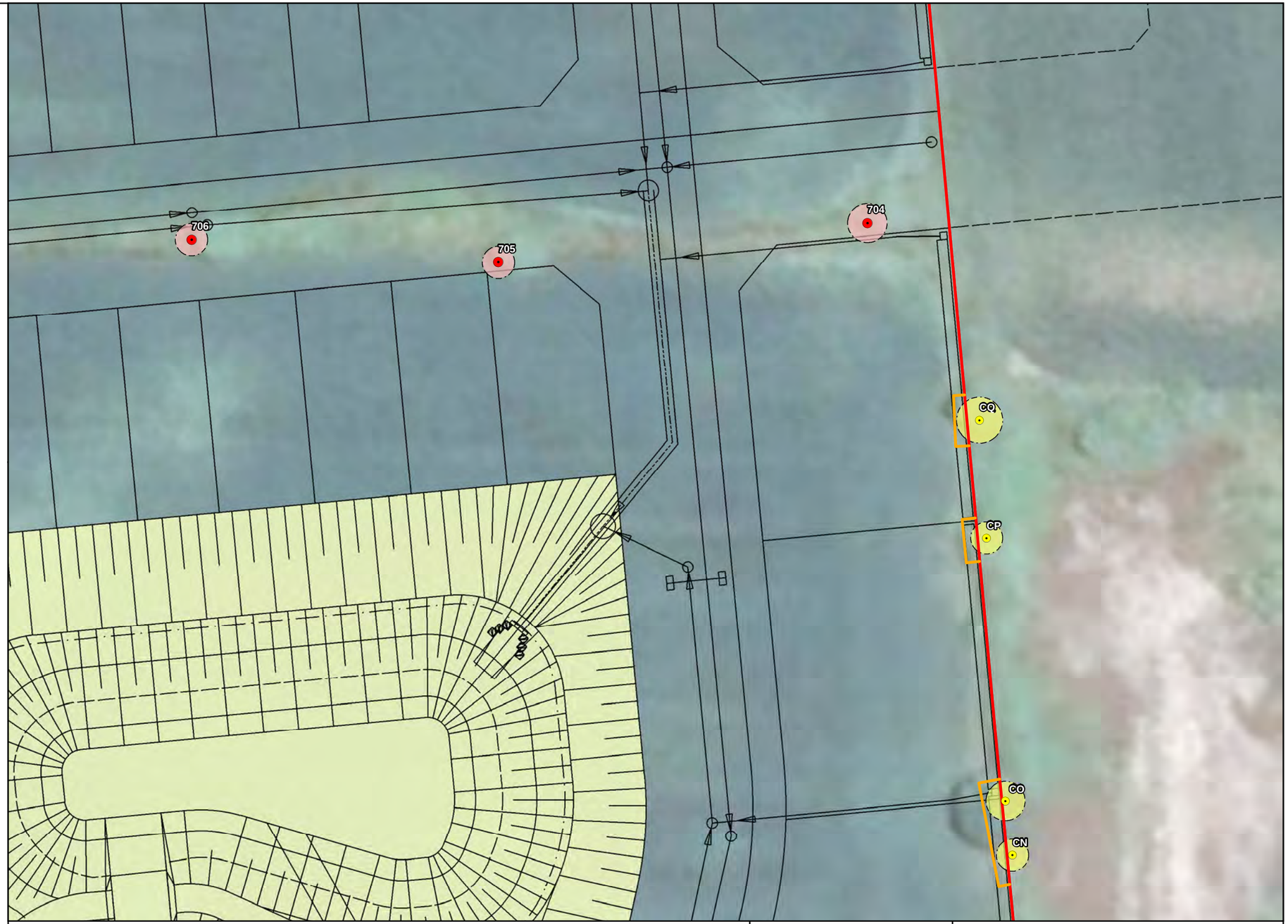

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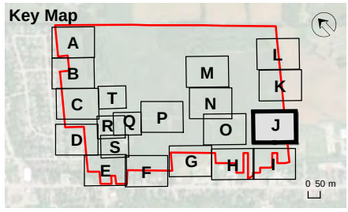

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CLIENT: Ballantry Homes

PROJECT: Hillsburgh Due DIligence

TITLE: **Tree Protection Plan**

Palmer | PART OF SLR

REF. NO. 2105001-2-4

Figure 2J

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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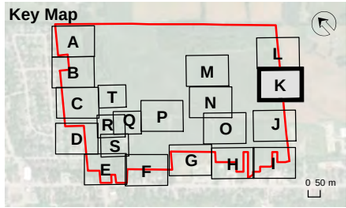

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CLIENT: Ballantry Homes

PROJECT: Hillsburgh Due DIligence

TITLE: **Tree Protection Plan**

Palmer | PART OF SLR

REF. NO. 2105001-2-4

Figure 2K

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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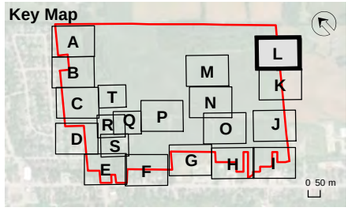

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TITLE: **Tree Protection Plan**

Palmer PART OF SLR

REF. NO. 2105001-2-4

Figure 2L

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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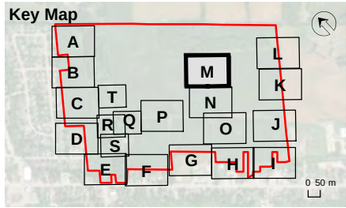

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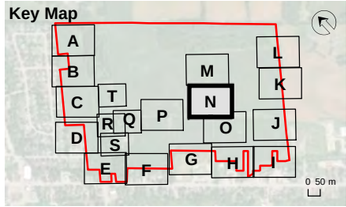
Key Map



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METRE SCALE

North American Datum 1983
Universal Transverse Mercator Projection Zone 17

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Drawn: SM
Checked: KT
Date: Dec 22, 2023

NORTH

Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT: Ballantry Homes

PROJECT: Hillsburgh Due DIligence

TITLE: **Tree Protection Plan**

Palmer PART OF SLR

REF. NO. 2105001-2-4

Figure 2N

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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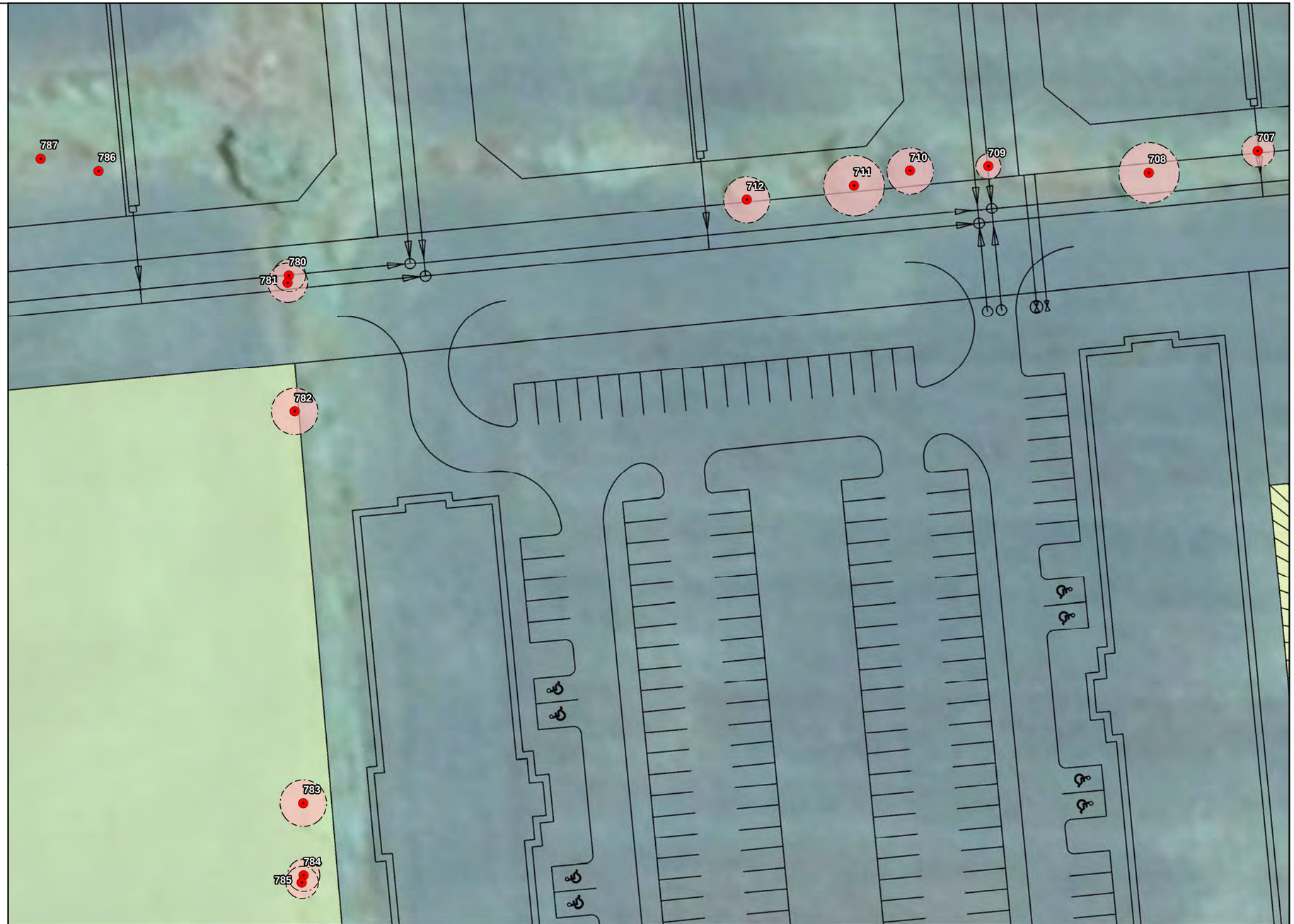

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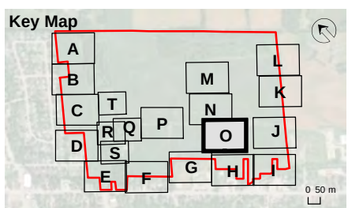

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Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT
Ballantry Homes

PROJECT
Hillsburgh Due DIligence

TITLE
Tree Protection Plan

Palmer PART OF SLR

REF. NO. 2105001-2-4

Figure 2O

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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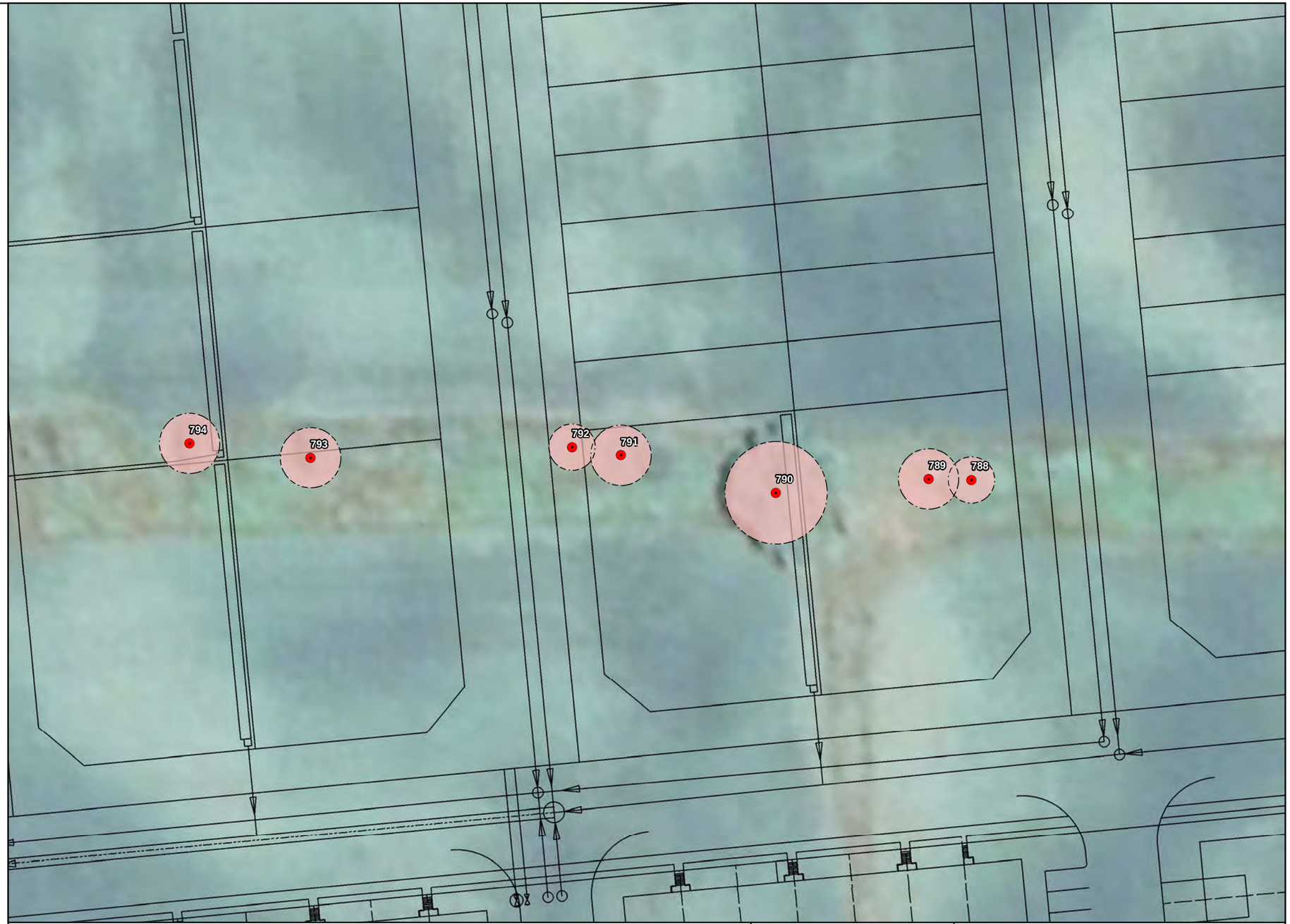

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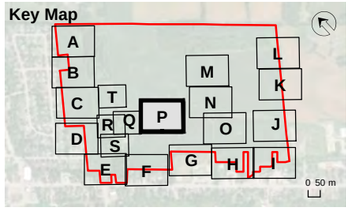

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NORTH

Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT: Ballantry Homes

PROJECT: Hillsburgh Due DIligence

TITLE: **Tree Protection Plan**

Palmer | PART OF SLR

REF. NO. 2105001-2-4

Figure 2P

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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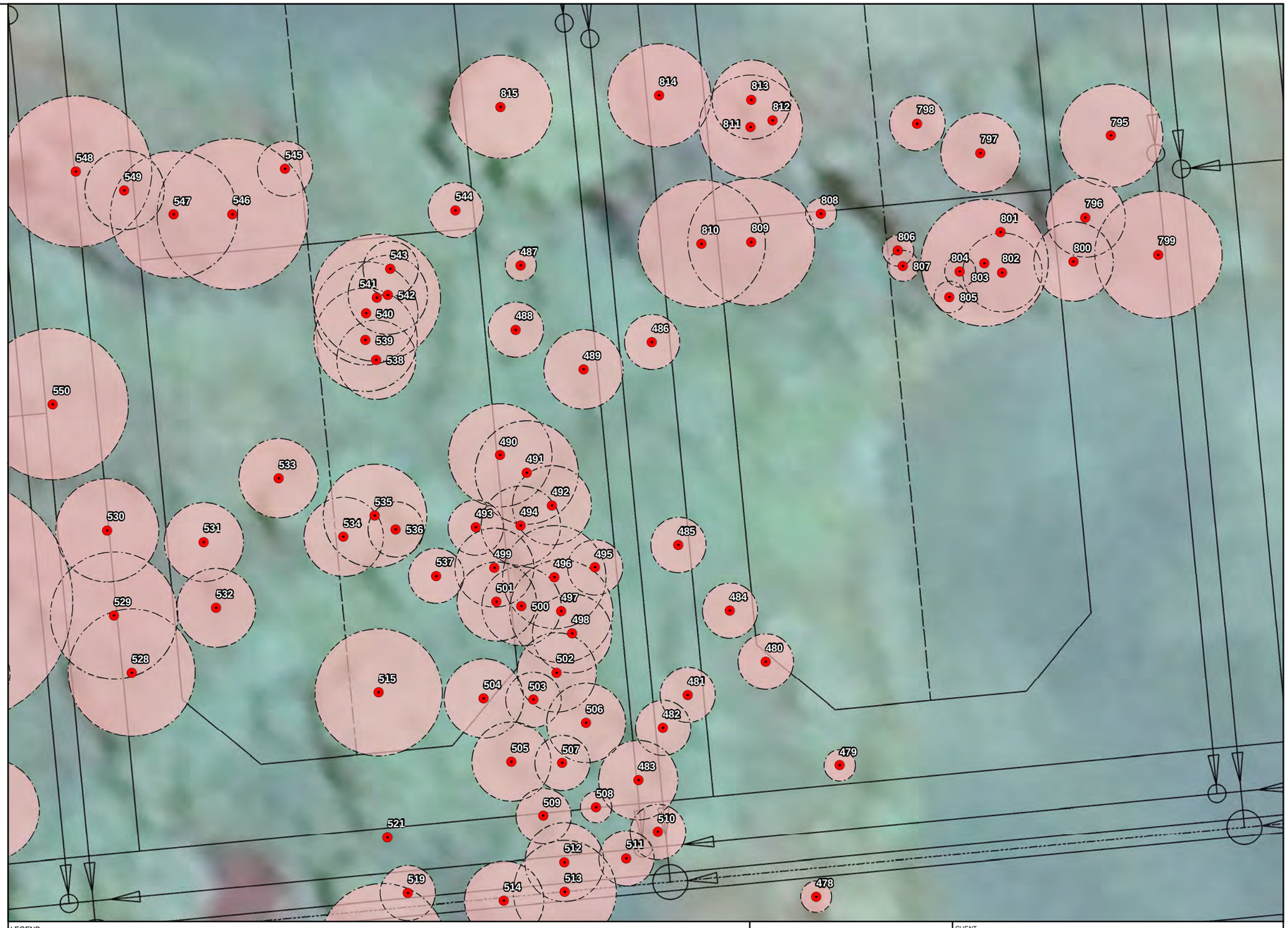

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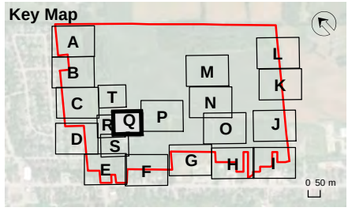

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REF. NO. 2105001-2-4

Figure 2Q

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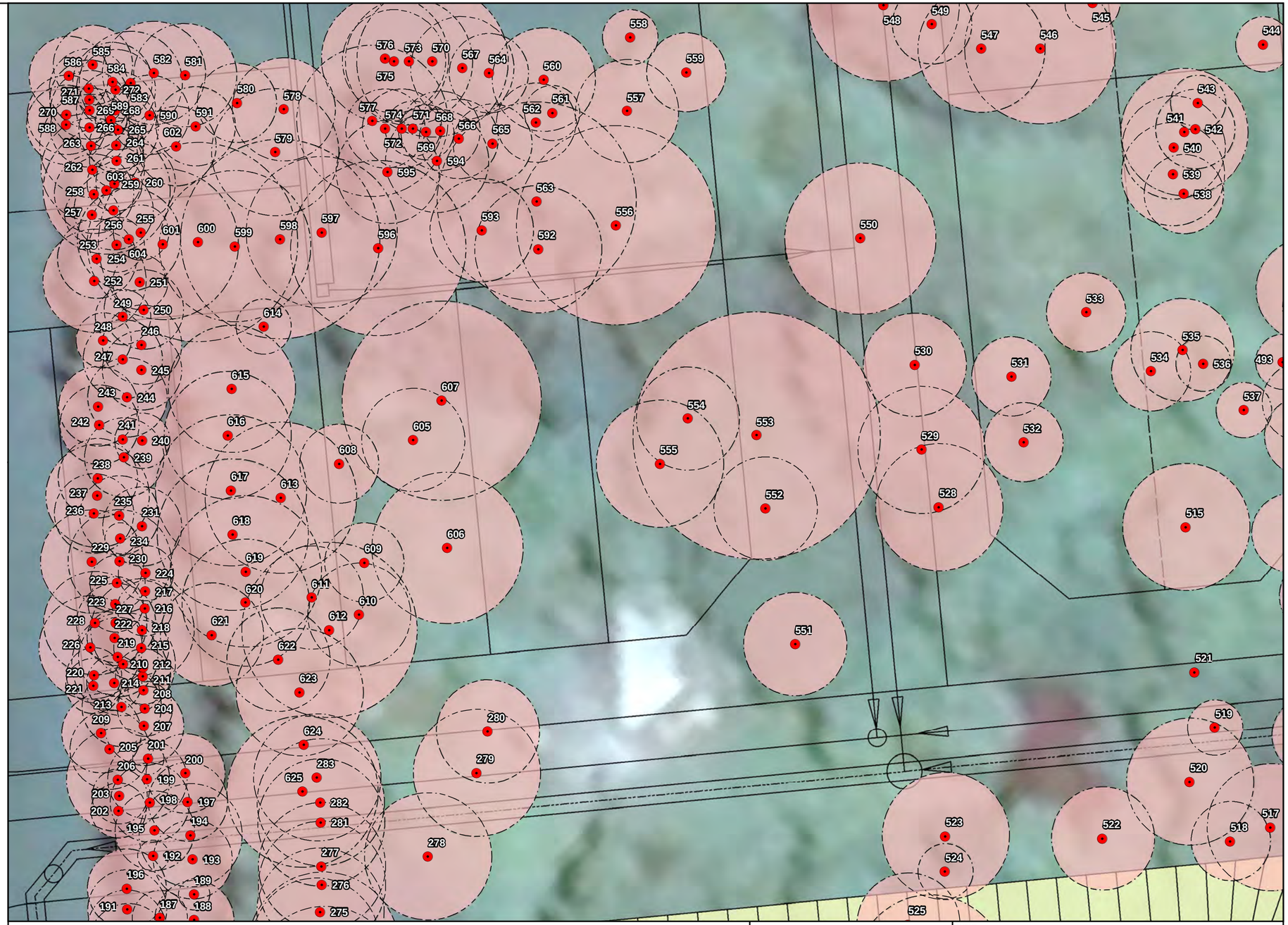

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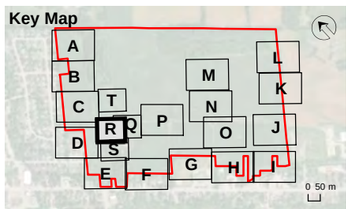
Key Map



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North American Datum 1983
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Page Size: Tabloid (11 x 17 inches)

Drawn: SM
Checked: KT
Date: Dec 22, 2023

NORTH

Source Notes:
Basemap imagery (2019) provided by Google.

CLIENT: Ballantry Homes

PROJECT: Hillsburgh Due DIligence

TITLE: **Tree Protection Plan**

Palmer PART OF SLR

REF. NO. 2105001-2-4

Figure 2R

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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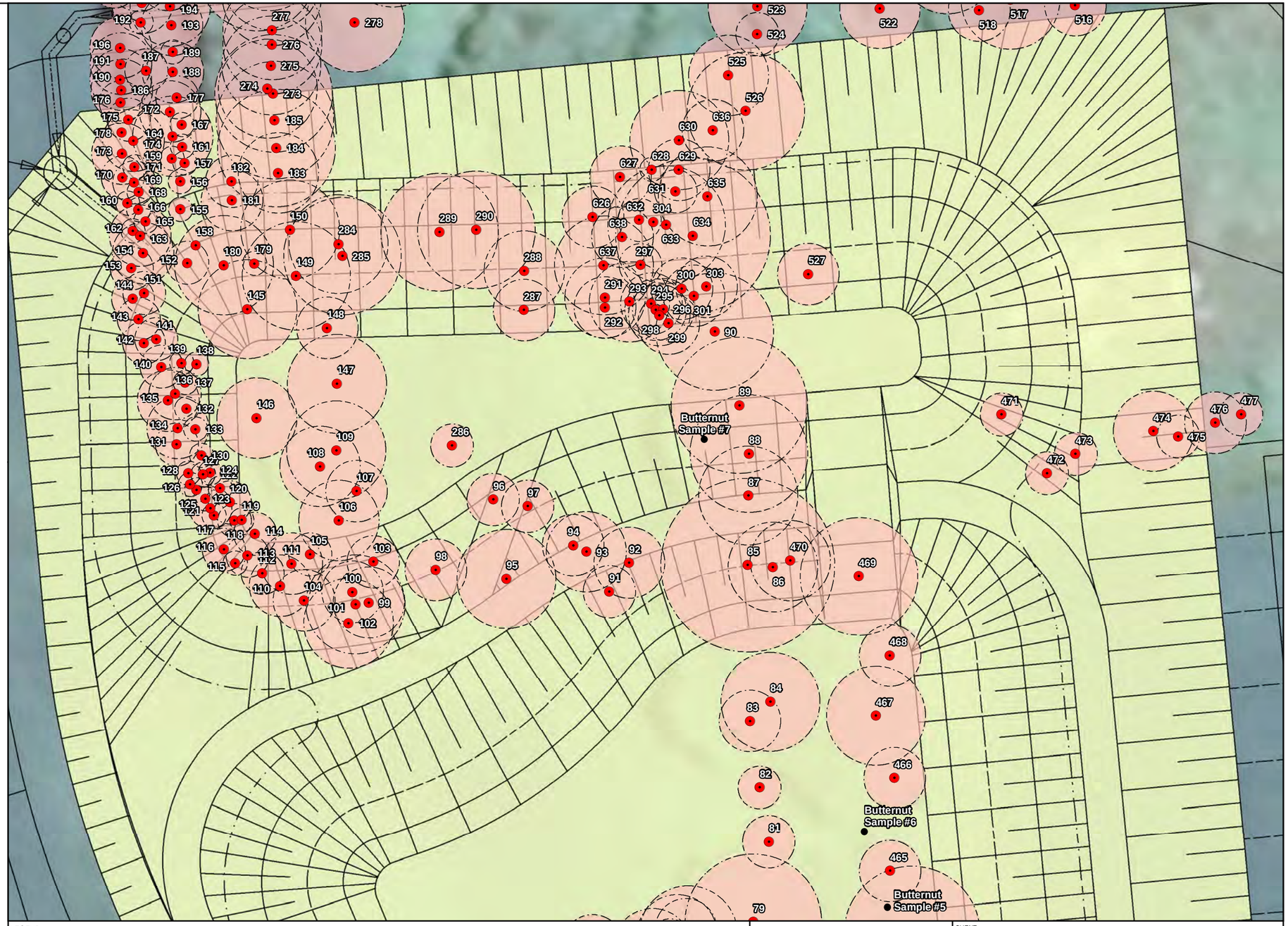

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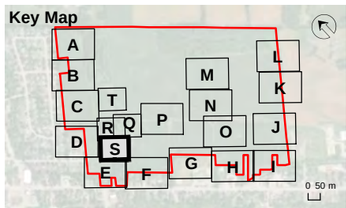

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Drawn: SM
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TITLE: **Tree Protection Plan**

Palmer | PART OF SLR

REF. NO. 2105001-2-4

Figure 2S

Document Path: G:\Shared drives\Projects 2021 (21001 to 21123)\21050 - Ballantry Homes\2105001 - Hillsburgh Due DIligence\Mapping\Figures\5_ArcGIS\Ecology (Arborist Report)\2105001-2-1-Tree Inventory and Preservation Plan.mxd

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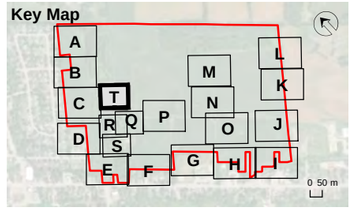

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