Appendix D:

Tree Inventory Report

July 23, 2019
RS# 2017-066

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SUBJECT: Tree Inventory and Preservation Plan
Airport Road Improvements, King Street to Huntsmill Drive
Regional Municipality of Peel

1 BACKGROUND

RiverStone Environmental Solutions Inc. (hereafter, "RiverStone") was retained by IBI Group on behalf of the Regional Municipality of Peel (hereafter, "the Region") to prepare a *Tree Inventory, impact assessment and mitigation report*. Information in this report is to support the evaluation of alternatives for a Schedule C Municipal Class Environmental Assessment (EA) study for improvements to Airport Road between King Street and Huntsmill Drive, and along the portion of Old Church Road between Airport Road and Marilyn St.. The tree inventory was conducted on lands for which access was provided between the edge of the existing road and beyond the right-of-way to capture all trees with the potential to be impacted by activities associated with the Preferred Alternative (**Figure 1**). In general, the areas inventoried consist of a mixture of naturally occurring woodlands, woodland edge, culturally dominated communities, and landscape plantings.

It is RiverStone's understanding that the preparation of this *Tree Inventory, impact assessment and mitigation report* is part of The Region of Peel's due diligence process given the proposed works within the project area will be impacting trees. RiverStone's tree inventory within the Project Area of the proposed alternatives was conducted in a manner consistent with industry standards for the inventory and assessment of trees. A Natural Environment Report has also been prepared by RiverStone under a separate cover to support the proposed alternatives for the EA.

2 APPROACH AND METHODS

2.1 Site Investigation

A tree inventory and health assessment was carried out on lands with permission to enter within the Project Area on August 22 to 23 and August 29 to 30, 2018 by Will Barbour (Ecologist/Certified ISA Arborist) and Craig Mann (Ecologist/Certified ISA Arborist). Trees 10 cm diameter at breast height (DBH) or greater and located within or immediately adjacent to the proposed area of disturbance were inventoried and assessed from the ground. Trees were labeled using metal number-stamped tags, identified to species, measured at approximately 1.37 metres above ground with either tree calipers or

a DBH measuring tape, and assessed for physical defects and indicators of decline (e.g., open wounds, broken branches, etc.). An estimation of crown radius also occurred. Based on the information collected, an overall visual assessment of tree health and structural integrity as viewed from the ground is provided. Preservation or removal direction is provided based on a tree's location in relation to the development plan. While reasonable efforts were made to adequately characterize tree health, it must be recognized that all trees (in good health or otherwise) have the potential for failure given adverse weather, damage due to mechanical injury, or other factors that cause stress.

In general, an individual tree was assessed if it was located within lands outlined on mapping as being within the proposed Project Area proximate to the extent of proposed impact as provided by IBI Group (**Figure 2**). Trees located on lands where permission had not been granted were not assessed. No tags were installed on trees that were dead, however, GPS points of these trees were taken.

2.2 Impact Assessment

Trees may be negatively impacted during grading, construction, and other activities associated with implementation of the proposed road improvements via the following pathways:

- Direct tree removal in areas where trees conflict with the road improvements or areas of site alteration (e.g., grading, etc.);
- Mechanical injury to the trunk, roots, branches, and/or foliage during construction activities;
- Soil compaction within the rooting zone; and
- Smothering or exposure of roots due to changes in grade.

RiverStone has assessed the potential for impacts to trees within the Project Area in proximity to the road improvements associated with the Preferred Alternative in **Section 4**.

3 TREE INVENTORY AND HEALTH ASSESSMENT

The results of the tree inventory and health assessment are provided in **Appendix 1**. The locations of all trees assessed is provided in **Figure 2**.

Overall, six-hundred and forty-nine (649) trees were tagged and assessed. Tree composition and abundance is summarized below in **Table 1**. Of the thirty-eight (38) tree species present along Airport Road, Eastern White Cedar (*Thuja occidentalis*) was the most abundant tree assessed, Trembling Aspen (*Populus tremuloides*), Black Locust (*Robina pseudoaca*), Manitoba Maple (*Acer negundo*), Green Ash (*Faxinus pennsylvanica*), White Birch (*Betula paperifera*) and Blue Spruce (*Picea pungens*) also making up a large part of the trees present within the Project Area. Additional species of native and non native tree species in smaller numbers were inventoried within the surveyed area and identified in **Table 1**. Dead trees within the Project Area were tagged, however their locations were recorded and are illustrated on **Figure 2.**

One (1) Butternut (*Juglans cinerea*) with one (1) measurable stem was observed at 16114 Airport Road. This tree was noted to be in poor condition with sooty canker present on the main stem, canker present on the root flare, abundant dieback, broken branches and stem wound. While impacts to this tree are unlikely from the Preferred Alternative (i.e., would not be directly removed), as it falls within 50 m of the extent of disturbance, RiverStone recommends that:

- **During detailed design, a formal health assessment of the identified Butternut be completed to determine if measures are required to protect this individual to ensure compliance with the Provincial *Endangered Species Act, 2007*.**

Table 1. Composition and Abundance of Trees > 10 cm DBH tagged during tree inventory.

Species	Total Assessed	Percentage of Total (%)
Eastern White Cedar (*Thuja occidentalis*)	227	36
Trembling Aspen (*Populus tremuloides*)	104	15
Black Locust (*Robina pseudoaca*)	56	9
Manitoba Maple (*Acer negundo*)	43	7
Green Ash (*Fraxinus pennsylvanica*)	32	5
White Birch (*Betula papyrifera*)	26	4
Blue Spruce (*Picea pungens*)	28	4
Honey Locust (*Gladitsia triancanthos*)	15	2
Austrian Pine (*Pinus nigra*)	11	1.5
Littleleaf Linden (*Tiliacordat)*	11	1.5
Black Maple (*Acer nigrum*)	10	1.5
Apple Species (Malus sp.)	7	1
Crack Willow (*Salix fragilis*)	7	1
Red Oak (*Quercus rubra*)	6	1
Siberian Elm (*Ulmus pumila*)	6	1
Sugar Maple (*Acer saccharum*)	6	1
White Spruce (*Picea glauca*)	6	1
Black Walnut (*Juglans nigra*)	5	1
White Ash (*Fraxinus americana*)	5	1
American Elm (*Ulmus americana*)	4	0.5
Black Cherry (*Prunus serotina*)	4	0.5
Norway Maple (*Acer platanoides*)	4	0.5
Norway Spruce (*Picea abies*)	1	0.25
Scots Pine (*Pinus sylvestris*)	4	0.5
Balsam Fir (*Abies balsamea*)	3	0.5
Staghorn Sumac (*Rhus hirta*)	3	0.5
Freeman's Maple (*Acer x freemanii*)	2	0.25
White Oak (*Quercus alba*)	2	0.25
Bur Oak (*Quercus macrocarpa*)	1	0.25
Buckthorn (*Rhamnus cathartica*)	1	0.25
Butternut (*Juglans cinerea)*	1	0.25
Cottonwood (*Populus deltoides*)	1	0.25
Red Pine (*Pinus resinosa*)	1	0.25
Tamarack (*Larix laricina*)	1	0.25
White Pine (Pinus strobus)	1	0.25
Hawthorn Species (*Crataegus sp.*)	1	0.25
Ornamental Species	2	0.25
Cherry Species (*Prunus sp.*)	1	0.25
TOTAL	**649**	**~100**

4 IMPACT ASSESSMENT AND RECOMMENDATIONS

The assessment of tree impacts provided herein is based on a drawing of the Preferred Alternative as provided to RiverStone by IBI Group (April 2019). RiverStone has illustrated the proposed development plan graphically alongside the results of the tree inventory on **Figure 2.** Results of the

onsite tree inventory identified six-hundred and forth-nine (649) trees within the Project Area. Trees have the potential to be negatively impacted during grading, construction, and other activities associated with implementation of the preliminary recommended plan via the following pathways:

- Direct tree removal in areas where trees conflict with the areas of site alteration (e.g., grading, etc.);
- Mechanical injury to the trunk, roots, branches, and/or foliage during construction activities;
- Soil compaction within the rooting zone; and
- Smothering or exposure of roots as a result of changes in grade.

As outlined in **Appendix 1** and shown on **Figure 2**, a total of ninety-two (92) trees require removal to implement the construction alternatives proposed along Airport Road and Old Church Road, this does not include dead trees that are presumed to require removal due to safety issues. In addition, one-hundred and forty-seven (147) trees are outside of the proposed construction alternatives and have been noted in **Appendix 1** as having either poor health or structure and require additional assessment by Municipal or Regional staff to determine if removal is required. Minor impact/disturbance to the root system of trees recommended for retention that occur within proximity to the proposed road improvements may also occur given their proximity to the area of disturbance.

As a means to protect trees located outside the grading limit of the proposed alternative, and recommended for retention as shown on **Figure 2**, RiverStone recommends the following measures:

- **Tree protection fencing should be installed along the edge of disturbance (Figure 2) adjacent to selected construction activities to protect retainable trees from soil disturbance, root damage, and other physical impacts. Tree protection fencing is to be aligned in a way that will protect the critical root zone of the assessed retainable trees. No site alteration activities (e.g., grading, etc.), machinery movement, or storage of any equipment or materials is to occur within the tree protection fencing.**
- **In the event of mechanical injury to any trees recommended for retention and/or their branches, or if pruning is required to provide clearance for construction machinery, the following actions are recommended:**
    - **Prune damaged limbs cleanly and according to standard arboricultural practices.**
    - **Prune damaged roots that have been exposed cleanly and according to standard arboricultural practices.**
    - **Trim loose bark but avoid enlarging any open wounds.**
- **The root systems of any trees recommended for retention that become excavated and/or exposed during implementation of the road improvements must be cut cleanly (e.g., with a chainsaw) to minimize the potential for agents of disease or decay from entering the tree.**
- **All necessary vegetation removal (e.g., tree/shrub clearing, etc.) should be completed outside of the primary breeding bird nesting window (i.e., between April 1 and August 31). If limited vegetation removal must occur early during this period (i.e., between April 1-April 15), a nest survey should be conducted by a qualified biologist within 5 days of commencement of vegetation removal activities to identify and locate active nests of bird species (where present) covered by the federal *Migratory Bird Convention Act, 1994* or provincial *Fish and Wildlife Conservation Act, 1997*. If a nest is located or evidence of breeding noted, a mitigation plan**

should be developed to avoid any potential impacts on birds or their active nests. Mitigation may require establishing appropriate buffers around active nests or delaying construction activities until the conclusion of the nesting season.

4.1 Tree Compensation

During the detailed design phase of the project further refinement of the number of trees to be removed may be required. As a guideline for individual replacement trees, the Toronto and Region Conservation Authority (2018) recommends a Replication Ratio based on the size of tree being removed (**Table 2**). Replacement trees should be 60 mm wire basket caliper trees. During detailed design the when the final number of trees to be removed is known, the number of replacement trees should be determined in consideration of TRCA policies.

Table 2. Individual Tree Replacement Table.

DBH Range (cm)	Replication Ratio (Removed: Replacement Trees)
0-10	1 : 1
10.1-20	1 : 3
20.1-30	1 : 10
30.1-40	1 : 15
40.1-50	1 : 20
50.1-60	1 : 30
60.1-70	1 : 40
70.1+	1 : 50

Please contact us if there are any questions regarding the report, or if further information is required.

Best regards,

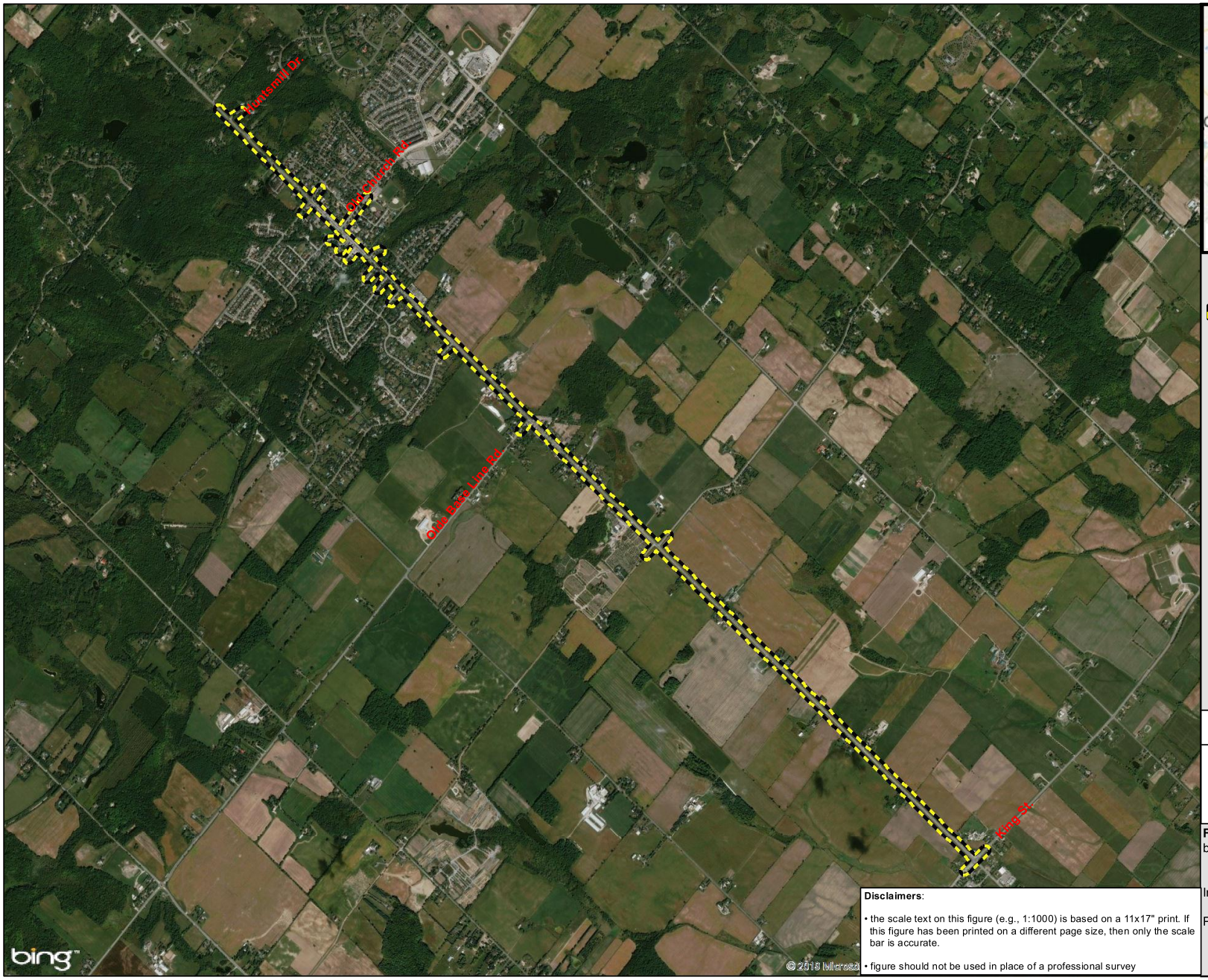
RiverStone Environmental Solutions Inc.

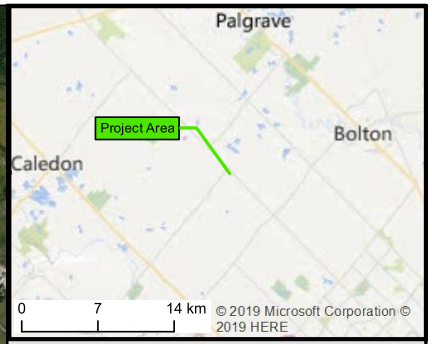
Bev Wicks, Ph.D.
Senior Ecologist/Principal

Craig Mann, H.B.Sc.F.
Ecologist/ISA Certified Arborist (ON-2369A)

REFERENCES

Toronto and Region Conservation Authority. 2018. Guideline for Determining Ecosystem Compensation (After the decision to compensate has been made). June 2018. Toronto and Region Conservation Authority. 51pp. .





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Legend

Planning Boundaries

Approximate Extent of Project Area

N

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Scale	RS Project No.	Date Last Updated	By
1:25,000	2017-066	Jul 22, 2019	GC

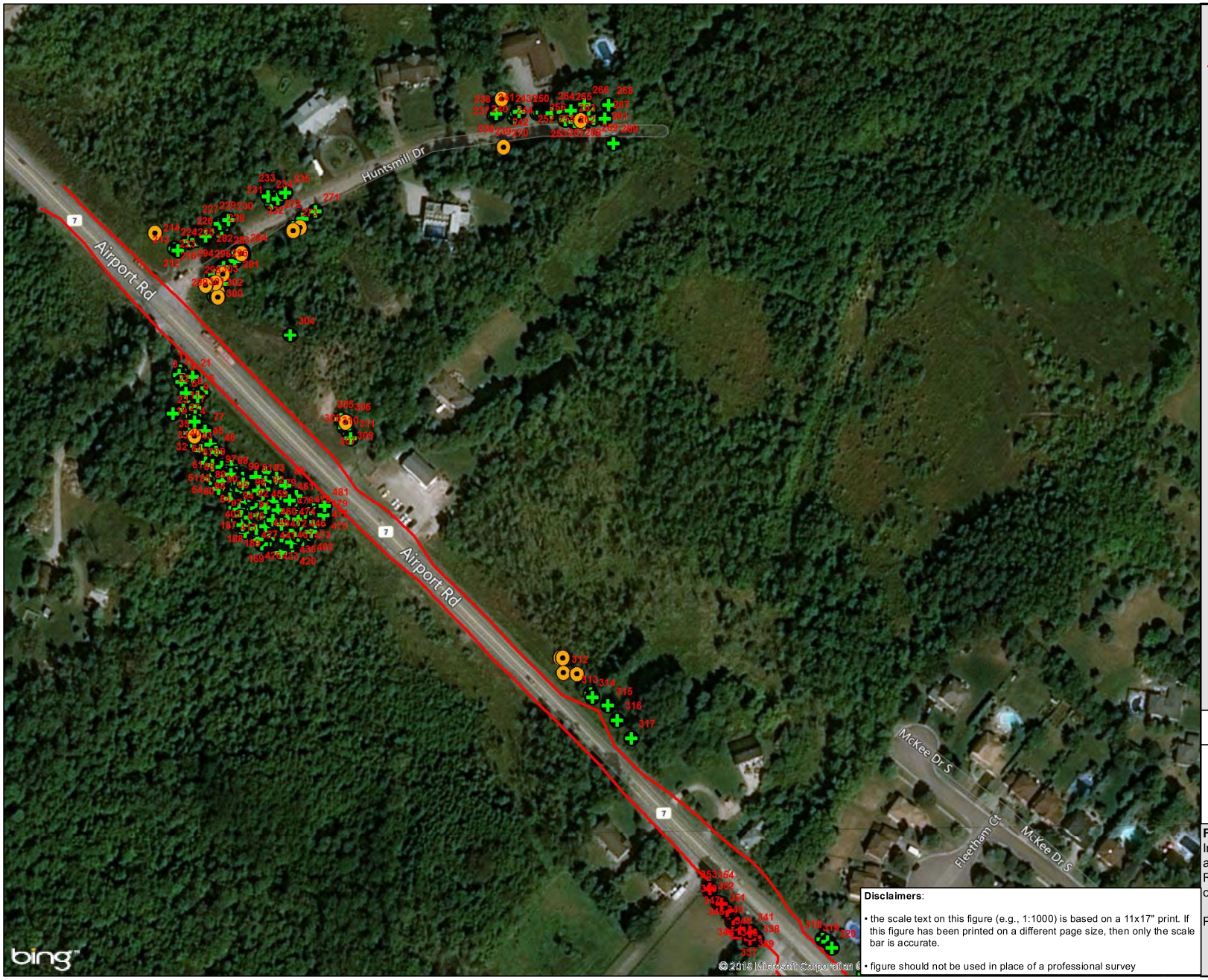
0 375 750 Metres

RiverStone

Figure 1. Extent of Project Area. Airport Road between Huntsmill Drive and King St., Region of Peel

Inset: General location of Project Area

Prepared for Region of Peel



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Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

N

Orthorectified aerial photo - Bing Maps

Scale	RS Project No.	Date Last Updated	By
1:2,000	2017-066	Apr 12, 2019	GC

0 30 60 Metres

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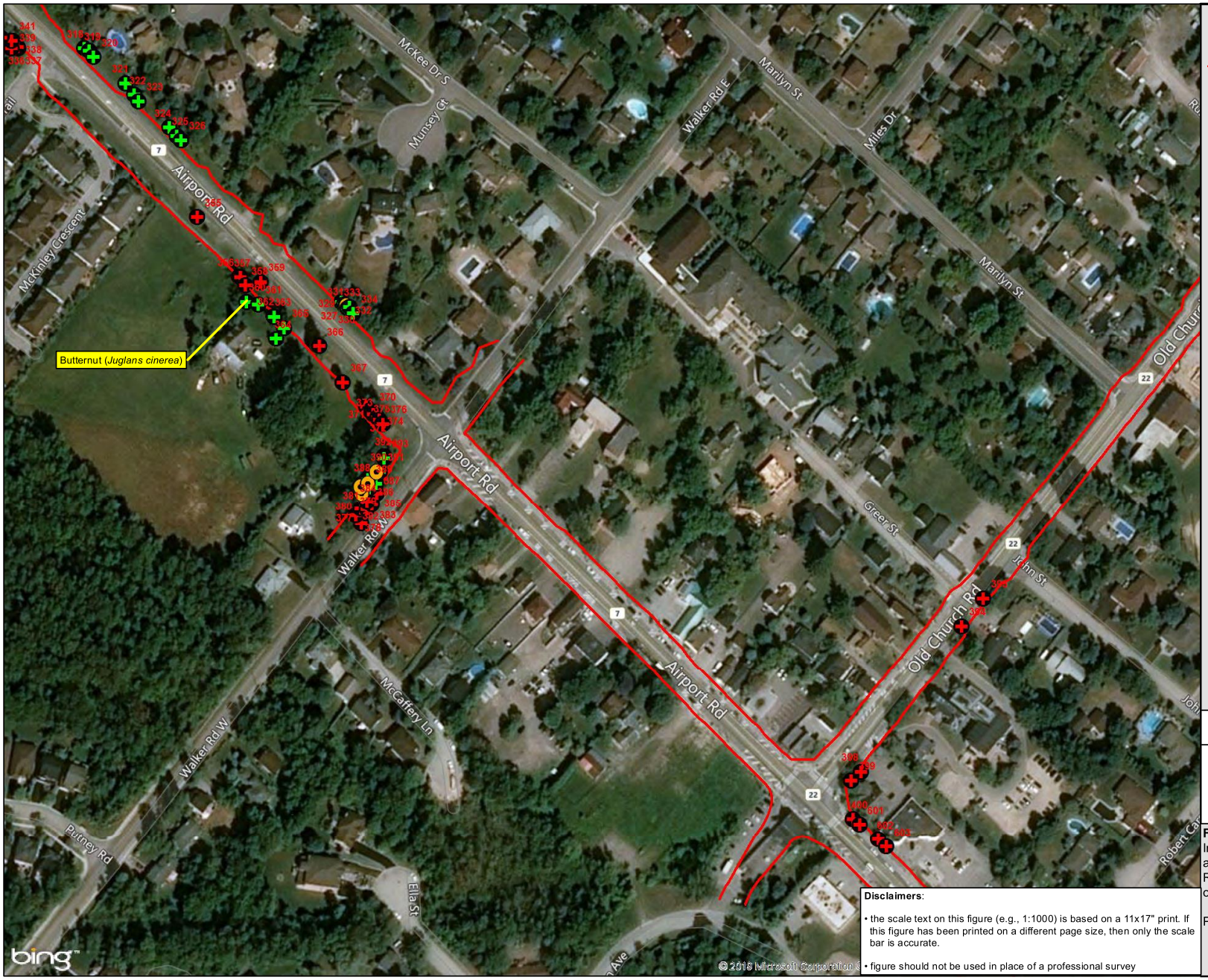
Figure 2a. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

Prepared for Region of Peel



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Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

Orthorectified aerial photo - Bing Maps

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0 30 60 Metres

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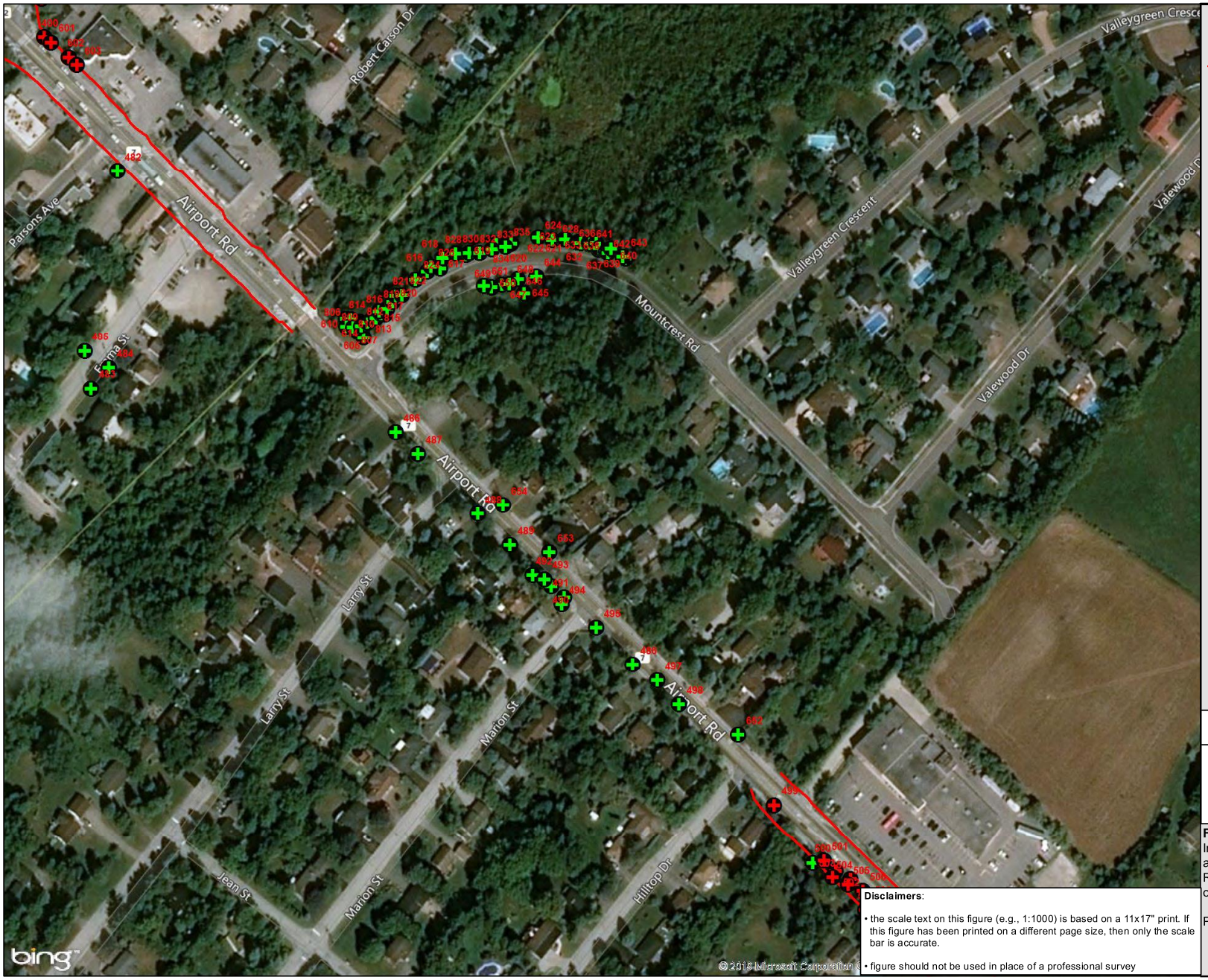
Figure 2b. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

Prepared for Region of Peel



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Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

N

Orthorectified aerial photo - Bing Maps

Scale	RS Project No.	Date Last Updated	By
1:2,000	2017-066	Apr 12, 2019	GC

0 30 60 Metres

RiverStone

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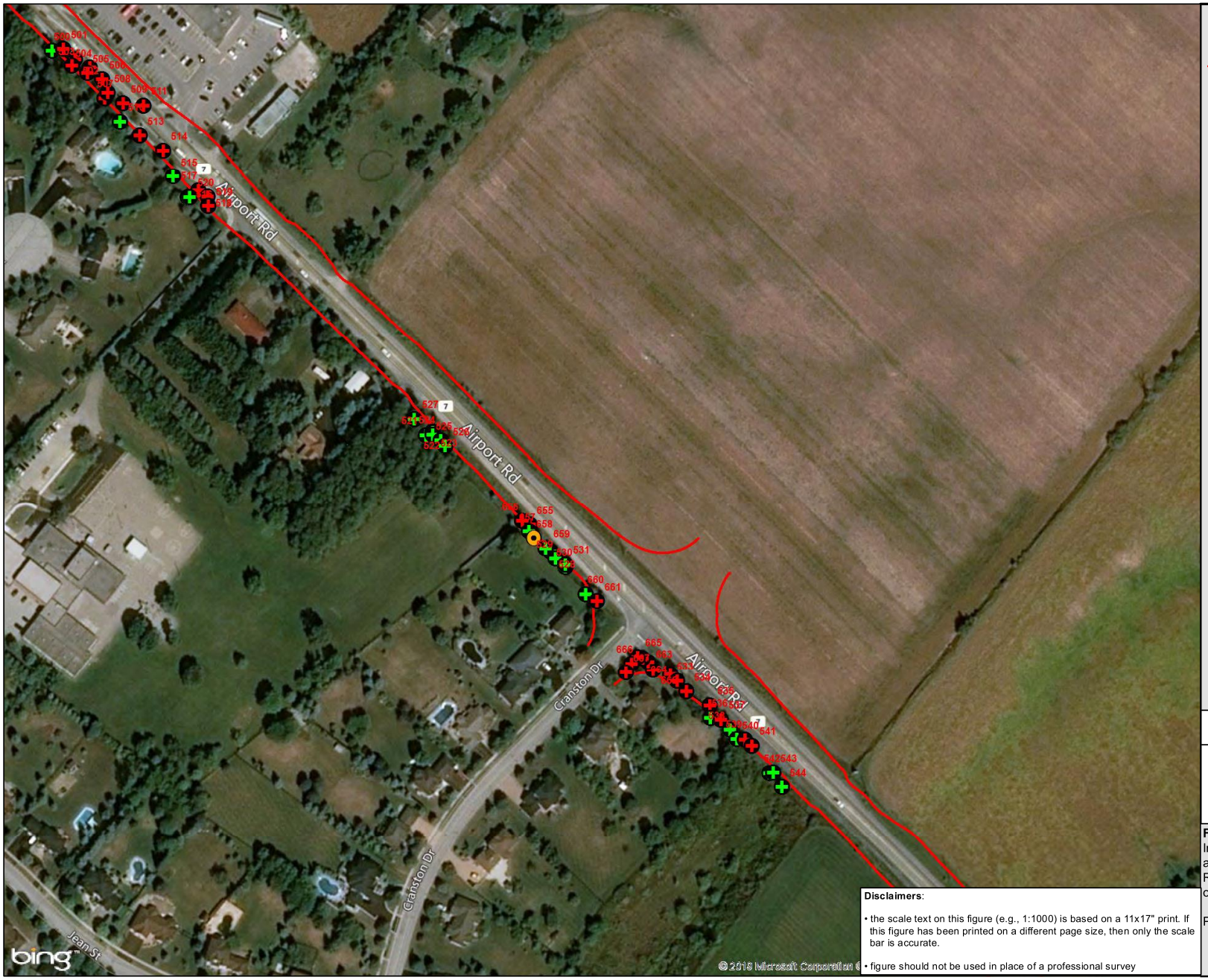
Figure 2c. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

Prepared for Region of Peel



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Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

N

Orthorectified aerial photo - Bing Maps

Scale	RS Project No.	Date Last Updated	By
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Figure 2d. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

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Legend

Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

N

Orthorectified aerial photo - Bing Maps

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Figure 2e. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

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Legend

Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

N

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Figure 2f. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

Prepared for Region of Peel

Legend

Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

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0 30 60 Metres

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Figure 2g. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

Prepared for Region of Peel

Legend

Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

N

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0 30 60 Metres

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Figure 2h. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

Prepared for Region of Peel

Legend

Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

N

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Scale	RS Project No.	Date Last Updated	By
1:2,000	2017-066	Apr 12, 2019	GC

0 30 60 Metres

RiverStone

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Figure 2i. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

Prepared for Region of Peel

Legend

Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

N

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1:2,000	2017-066	Apr 12, 2019	GC

0 30 60 Metres

RiverStone

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Figure 2j. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

Prepared for Region of Peel

Legend

Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

N

Orthorectified aerial photo - Bing Maps

Scale	RS Project No.	Date Last Updated	By
1:2,000	2017-066	Apr 12, 2019	GC

0 30 60 Metres

RiverStone

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Figure 2k. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

Prepared for Region of Peel

Legend

Proposed Development and Site

Preferred Alternative Impact (Grading

Tree Inventory and Impact

Retain

Remove

Dead

N

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1:2,000	2017-066	Apr 12, 2019	GC

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Figure 2l. Tree Inventory and Impact Assessment. Impact assessment is based on the limit of grading associated with the preferred alternative. Airport Road between Huntsmill Drive and King St., Region of Peel

Prepared for Region of Peel

Appendix 1. Tree Inventory and Health Assessment.

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Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
0	Apple species	Malus sp.	22	Poor	High	3	Lots of bark off	Retain	
1	White Ash	Fraxinus americana	38	High	High	3		Retain	
2	Eastern White Cedar	Thuja occidentalis	17	High	High	2		Retain	
3	Eastern White Cedar	Thuja occidentalis	16	High	High	2		Retain	
4	White Ash	Fraxinus americana	38	Poor	Medium	3	Dying	Retain	X
5	Trembling Aspen	Populus tremuloides	10	High	High	2		Retain	
6	Trembling Aspen	Populus tremuloides	12	High	High	3		Retain	
7	White Ash	Fraxinus americana	22	Poor	Medium	3	Dying	Retain	X
8	White Ash	Fraxinus americana	32	High	High	4		Retain	
9	Eastern White Cedar	Thuja occidentalis	16	High	High	2		Retain	
10	Eastern White Cedar	Thuja occidentalis	12	High	High	1		Retain	
11	Trembling Aspen	Populus tremuloides	14	High	High	2		Retain	
12	Trembling Aspen	Populus tremuloides	14	High	High	3		Retain	
13	Eastern White Cedar	Thuja occidentalis	14	High	High	2		Retain	
14	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
15	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
16	Eastern White Cedar	Thuja occidentalis	14	High	High	2		Retain	
17	Eastern White Cedar	Thuja occidentalis	14	High	High	2		Retain	
18	Trembling Aspen	Populus tremuloides	15	High	High	2		Retain	
19	Eastern White Cedar	Thuja occidentalis	17	High	High	2		Retain	
20	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	
21	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
22	Eastern White Cedar	Thuja occidentalis	14	High	High	2		Retain	
23	Eastern White Cedar	Thuja occidentalis	34	High	High	3		Retain	
24	Eastern White Cedar	Thuja occidentalis	29	High	High	3		Retain	
25	Eastern White Cedar	Thuja occidentalis	11	High	High	2		Retain	
26	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
27	Eastern White Cedar	Thuja occidentalis	23	High	High	3		Retain	
28	Eastern White Cedar	Thuja occidentalis	25	Medium	High	3	Lots of bark off	Retain	
29	White Birch	Betula papyrifera	44	High	High	3		Retain	
30	Eastern White Cedar	Thuja occidentalis	22	High	High	2		Retain	
31	Eastern White Cedar	Thuja occidentalis	20	Medium	High	2	Lots of bark off	Retain	
32	Eastern White Cedar	Thuja occidentalis	24	High	Medium	2	Lean	Retain	
33	Eastern White Cedar	Thuja occidentalis	22	High	High	2		Retain	
34	Trembling Aspen	Populus tremuloides	22	High	High	2		Retain	
35	Eastern White Cedar	Thuja occidentalis	48	Medium	Medium	3	Bark inclusion and girdled by wire	Retain	
36	Eastern White Cedar	Thuja occidentalis	27	High	High	3		Retain	
37	Eastern White Cedar	Thuja occidentalis	42	High	High	4		Retain	
38	Eastern White Cedar	Thuja occidentalis	22	Poor	Medium	2	Extensive bark loss crown dieback slight lean	Retain	X
39	Eastern White Cedar	Thuja occidentalis	15	High	High	2		Retain	
40	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
41	Eastern White Cedar	Thuja occidentalis	18	Medium	Medium	3	Lots of bark off, lean	Retain	
42	Eastern White Cedar	Thuja occidentalis	21	High	High	3		Retain	
43	Eastern White Cedar	Thuja occidentalis	21	High	Medium	4	Lean	Retain	
44	Trembling Aspen	Populus tremuloides	27	High	High			Retain	
45	Trembling Aspen	Populus tremuloides	12	High	Poor	2	Major lean	Retain	X
46	White Ash	Fraxinus americana	12	High	High	2		Retain	
47	Eastern White Cedar	Thuja occidentalis	27	High	High	3		Retain	
48	Eastern White Cedar	Thuja occidentalis	28	High	High	3		Retain	
49	Eastern White Cedar	Thuja occidentalis	29	Medium	High	2	Dead shoot and woodpecker holes	Retain	X
50	Eastern White Cedar	Thuja occidentalis	30	High	High	3		Retain	
51	Eastern White Cedar	Thuja occidentalis	21	High	High	3		Retain	
52	Eastern White Cedar	Thuja occidentalis	32	High	High	3		Retain	
53	Eastern White Cedar	Thuja occidentalis	26	High	High			Retain	
54	Eastern White Cedar	Thuja occidentalis	23	High	High	3		Retain	
55	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
57	Eastern White Cedar	Thuja occidentalis	21	High	High	3		Retain	
58	Eastern White Cedar	Thuja occidentalis	18	High	High	3		Retain	
59	Eastern White Cedar	Thuja occidentalis	20	High	High	3		Retain	
60	Eastern White Cedar	Thuja occidentalis	18	High	High	2		Retain	
61	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	
62	Eastern White Cedar	Thuja occidentalis	18	High	High	3		Retain	
63	Eastern White Cedar	Thuja occidentalis	21	High	High	2		Retain	
64	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
65	Eastern White Cedar	Thuja occidentalis	22	High	High	2		Retain	
66	Eastern White Cedar	Thuja occidentalis	18	High	High	3		Retain	
67	Trembling Aspen	Populus tremuloides	34	High	High	4		Retain	
68	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
69	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
70	Eastern White Cedar	Thuja occidentalis	15	High	High	1		Retain	
71	Eastern White Cedar	Thuja occidentalis	26	High	High	2		Retain	
72	Eastern White Cedar	Thuja occidentalis	16	High	High	2		Retain	
73	Eastern White Cedar	Thuja occidentalis	22	High	High	2		Retain	
74	Eastern White Cedar	Thuja occidentalis	10	Poor	High	1	Very shaded crown not much green	Retain	X
75	Trembling Aspen	Populus tremuloides	25	High	High	3		Retain	
76	Trembling Aspen	Populus tremuloides	12	High	High	3		Retain	
77	Red Pine	Pinus resinosa	18	High	High	3		Retain	
78	Cottonwood	Populus deltoides	18	High	High	3		Retain	
79	Trembling Aspen	Populus tremuloides	10	High	Medium	2	Lean	Retain	
80	Trembling Aspen	Populus tremuloides	13	High	High	2		Retain	
81	Trembling Aspen	Populus tremuloides	12	High	High	2		Retain	
82	Trembling Aspen	Populus tremuloides	12	High	High	2		Retain	
83	Trembling Aspen	Populus tremuloides	12	High	Medium	2	Lean	Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
84	Trembling Aspen	Populus tremuloides	24	Medium	Poor	3	Secondary lead @5m height	Retain	X
85	Eastern White Cedar	Thuja occidentalis	20	High	High	4		Retain	
86	Eastern White Cedar	Thuja occidentalis	47	High	High	4	Coppice	Retain	
87	Eastern White Cedar	Thuja occidentalis	23	High	High	3		Retain	
88	Eastern White Cedar	Thuja occidentalis	38	High	Medium	4		Retain	
89	Trembling Aspen	Populus tremuloides	29	High	High	3		Retain	
90	Eastern White Cedar	Thuja occidentalis	14	High	High	2		Retain	
91	Eastern White Cedar	Thuja occidentalis	16	High	High	2		Retain	
92	Eastern White Cedar	Thuja occidentalis	12	High	High	3		Retain	
94	Eastern White Cedar	Thuja occidentalis	24	High	High	3		Retain	
95	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
96	Eastern White Cedar	Thuja occidentalis	18	High	High	2		Retain	
97	Eastern White Cedar	Thuja occidentalis	21	High	High	2		Retain	
98	Eastern White Cedar	Thuja occidentalis	21	High	High	3		Retain	
99	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
100	Eastern White Cedar	Thuja occidentalis	21	High	High	2		Retain	
101	Eastern White Cedar	Thuja occidentalis	25	High	High	3		Retain	
102	Eastern White Cedar	Thuja occidentalis	18	High	High	3		Retain	
103	Eastern White Cedar	Thuja occidentalis	26	High	High	3		Retain	
104	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
105	Eastern White Cedar	Thuja occidentalis	25	High	High	2		Retain	
106	Eastern White Cedar	Thuja occidentalis	18	High	High	3		Retain	
107	Eastern White Cedar	Thuja occidentalis	20	High	High	3		Retain	
108	Trembling Aspen	Trembling Aspen	38	High	High	4		Retain	
109	Eastern White Cedar	Thuja occidentalis	14	High	High	2		Retain	
110	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
111	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
112	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
113	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
114	Trembling Aspen	Populus tremuloides	24	High	High	3		Retain	
115	Trembling Aspen	Populus tremuloides	26	High	High	3		Retain	
116	Eastern White Cedar	Thuja occidentalis	16	High	High	2		Retain	
117	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
118	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
119	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
120	Eastern White Cedar	Thuja occidentalis	20	Medium	Medium	2		Retain	
121	Trembling Aspen	Populus tremuloides	24	High	High	3		Retain	
122	Trembling Aspen	Populus tremuloides	24	High	High	3		Retain	
123	Eastern White Cedar	Thuja occidentalis	14	High	High	3		Retain	
124	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
125	Eastern White Cedar	Thuja occidentalis	24	High	High	2		Retain	
126	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
127	Eastern White Cedar	Thuja occidentalis	16	High	High	3		Retain	
128	Green Ash	Fraxinus pennsylvanica	23	High	High	4		Retain	
129	Eastern White Cedar	Thuja occidentalis	14	High	High	3		Retain	
130	Green Ash	Fraxinus pennsylvanica	18	High	High	3		Retain	
131	Eastern White Cedar	Thuja occidentalis	21	High	High	3		Retain	
132	Eastern White Cedar	Thuja occidentalis	25	High	High	3		Retain	
133	Eastern White Cedar	Thuja occidentalis	16	High	High	2		Retain	
134	Eastern White Cedar	Thuja occidentalis	28	High	High	3		Retain	
135	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
136	Eastern White Cedar	Thuja occidentalis	26	High	Medium	3	Lean	Retain	
137	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	
138	Eastern White Cedar	Thuja occidentalis	22	High	Medium	3	Damage to bark from fence	Retain	
139	Eastern White Cedar	Thuja occidentalis	27	High	High	3		Retain	
140	Eastern White Cedar	Thuja occidentalis	42	Medium	High	4	Sap sucker damage	Retain	
141	Eastern White Cedar	Thuja occidentalis	41	High	Medium	4	Lean	Retain	
142	Eastern White Cedar	Thuja occidentalis	40	High	High	4		Retain	
143	Eastern White Cedar	Thuja occidentalis	24	High	Medium	4	Lean	Retain	
144	Eastern White Cedar	Thuja occidentalis	36	High	High	4		Retain	
145	Eastern White Cedar	Thuja occidentalis	26	High	High	2		Retain	
146	Eastern White Cedar	Thuja occidentalis	33	High	High	3		Retain	
147	Eastern White Cedar	Thuja occidentalis	26	High	High	3		Retain	
148	Eastern White Cedar	Thuja occidentalis	32	High	High	3		Retain	
149	Green Ash	Fraxinus pennsylvanica	10	Poor	Medium	2	Sap sucker damage and watersprouts	Retain	X
150	Eastern White Cedar	Thuja occidentalis	30	High	High	3		Retain	
151	Eastern White Cedar	Thuja occidentalis	31	High	High	3		Retain	
152	Eastern White Cedar	Thuja occidentalis	16	High	High	2		Retain	
153	Green Ash	Fraxinus pennsylvanica	14	Poor	Medium	2	Dying	Retain	X
154	Eastern White Cedar	Thuja occidentalis	40	High	High	4		Retain	
155	Eastern White Cedar	Thuja occidentalis	18	High	High	3		Retain	
156	Trembling Aspen	Populus tremuloides	52	High	High	6		Retain	
157	Green Ash	Fraxinus pennsylvanica	14	Poor	Medium	3	ash bore holes, crown dieback dying	Retain	X
158	Trembling Aspen	Populus tremuloides	30	High	Medium	3	lean	Retain	
159	Eastern White Cedar	Thuja occidentalis	20	High	High	3		Retain	
160	Eastern White Cedar	Thuja occidentalis	20	High	High	2		Retain	
161	Eastern White Cedar	Thuja occidentalis	17	High	High	3		Retain	
162	Eastern White Cedar	Thuja occidentalis	20	High	High	3		Retain	
163	Eastern White Cedar	Thuja occidentalis	36	High	High	4		Retain	
164	Eastern White Cedar	Thuja occidentalis	33	High	High	3		Retain	
165	Eastern White Cedar	Thuja occidentalis	28	High	High	3		Retain	
166	Eastern White Cedar	Thuja occidentalis	32	High	High	4		Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
167	Eastern White Cedar	Thuja occidentalis	32	High	High	4		Retain	
168	Green Ash	Fraxinus pennsylvanica	14	High	High	3		Retain	
169	Eastern White Cedar	Thuja occidentalis	44	High	High	4		Retain	
170	Eastern White Cedar	Thuja occidentalis	18	High	High	3		Retain	
171	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	
172	Eastern White Cedar	Thuja occidentalis	18	High	High	3		Retain	
173	Eastern White Cedar	Thuja occidentalis	17	High	High	2		Retain	
174	Trembling Aspen	Populus tremuloides	36	High	High	4		Retain	
175	Eastern White Cedar	Thuja occidentalis	16	High	High	3		Retain	
176	Eastern White Cedar	Thuja occidentalis	23	High	High	2		Retain	
177	Eastern White Cedar	Thuja occidentalis	13	High	Medium	2	Lean	Retain	
178	Green Ash	Fraxinus pennsylvanica	12	Poor	Medium	2	Dying	Retain	X
179	Trembling Aspen	Populus tremuloides	30	High	High	3		Retain	
180	Trembling Aspen	Populus tremuloides	27	High	Medium	3	Twist in stem	Retain	
181	Trembling Aspen	Populus tremuloides	16	High	High	3		Retain	
182	Trembling Aspen	Populus tremuloides	28	High	High	4		Retain	
183	Green Ash	Fraxinus pennsylvanica	14	High	High	3		Retain	
184	Eastern White Cedar	Thuja occidentalis	20	High	High	3		Retain	
185	Black Cherry	Prunus serotina	16	High	High	5		Retain	
186	Eastern White Cedar	Thuja occidentalis	10	High	High	3		Retain	
187	Green Ash	Fraxinus pennsylvanica	32	Poor	Medium	4	Crown mostly dead, potential hazard tree	Retain	X
188	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	
189	Eastern White Cedar	Thuja occidentalis	14	High	High	3		Retain	
190	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
191	Eastern White Cedar	Thuja occidentalis	14	High	Medium	3	Lean	Retain	
192	Eastern White Cedar	Thuja occidentalis	10	High	Medium	3	Lean	Retain	
193	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
194	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
195	Eastern White Cedar	Thuja occidentalis	12	High	High	3		Retain	
196	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
197	Eastern White Cedar	Thuja occidentalis	14	High	High	3		Retain	
198	Eastern White Cedar	Thuja occidentalis	17	High	High	3		Retain	
199	Eastern White Cedar	Thuja occidentalis	14	High	High	3		Retain	
200	Eastern White Cedar	Thuja occidentalis	12	High	High	3		Retain	
212	Scots Pine	Pinus sylvestris	10.2	High	High	1.5		Retain	
213	Trembling Aspen	Populus tremuloides	12.2	High	High	2	Slight lean	Retain	
214	Trembling Aspen	Populus tremuloides	13.5	Medium	Medium	3.5	Severe lean,wound at ~3.0m	Retain	
215	Trembling Aspen	Populus tremuloides	15.6	Poor	Poor	3	Some dieback,open wound at ~1.0, dbh over wound	Retain	X
216	Trembling Aspen	Populus tremuloides	20	High	High	3	Some dieback	Retain	
217	Trembling Aspen	Populus tremuloides	25.5	High	High	5		Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
218	Trembling Aspen	Populus tremuloides	14.8	Poor	Poor	1.5	Dieback, top dead, canker at ~3.0m and up, mostly dead	Retain	X
219	Eastern White Cedar	Thuja occidentalis	27.9	Medium	Medium	3	Multiple stems at ~3.0 m	Retain	
220	Eastern White Cedar	Thuja occidentalis	22.7	High	High	4.5	Shade caused dieback	Retain	
221	Eastern White Cedar	Thuja occidentalis	30	Medium	Medium	4.5	Multiple stems at ~2.0m, internal shade dieback	Retain	
222	Eastern White Cedar	Thuja occidentalis	29	Medium	Medium	3	Multiple stems at ~3.0m	Retain	
223	Eastern White Cedar	Thuja occidentalis	16.4	High	High	0.5	Shade caused dieback	Retain	
224	Green Ash	Fraxinus pennsylvanica	30.4	Poor	Poor	3	Epicormic branching, mostly dead	Retain	X
225	Trembling Aspen	Thuja occidentalis	15.8	High	High	3.5		Retain	
226	Trembling Aspen	Thuja occidentalis	10.3	Medium	Medium	2	Severe lean	Retain	
227	Trembling Aspen	Thuja occidentalis	16.2	High	High	2.5		Retain	
228	Trembling Aspen	Thuja occidentalis	15.9	High	High	2.5		Retain	
229	Trembling Aspen	Thuja occidentalis	13.5	Poor	Poor	4	Stem broken at ~4.0m	Retain	X
230	Trembling Aspen	Thuja occidentalis	12.8	Poor	Poor	3	Severe lean	Retain	X
231	Black Cherry	Prunus serotina	13	Poor	Poor	4	Severe lean	Retain	X
232	Green Ash	Fraxinus pennsylvanica	10.8	Poor	Poor	0.5	Epicormic branching, mostly dead	Retain	X
233	Green Ash	Fraxinus pennsylvanica	11.4	Medium	Medium	3	Severe crook, dieback	Retain	
234	Green Ash	Fraxinus pennsylvanica	20	Medium	Poor	3	Slight lean, diback	Retain	X
235	Eastern White Cedar	Thuja occidentalis	42.5	Poor	High	3	Rotten stump at base, multiple stem at ~2.0, seem base to ~2.0m	Retain	X
236	Eastern White Cedar	Thuja occidentalis	42.5	Poor	High	4.5	Rotten stump at base, multiple stem at ~2.0, seem base to ~2.0m	Retain	X
237	Black Cherry	Prunus serotina	56	Medium	Poor	12	Multiple large branchs at ~6.0m, dieback	Retain	X
238	Eastern White Cedar	Thuja occidentalis	26.3	Medium	High	3	Slight lean, multiple stems at ~3.0m	Retain	
239	Green Ash	Fraxinus pennsylvanica	34.9	Poor	Poor	3	Wound at ~2.0 and base, woodpecker damage, mostly dead	Retain	X
240	Eastern White Cedar	Thuja occidentalis	24.8	High	High	2		Retain	
241	Black Cherry	Prunus serotina	24.7	Poor	Poor	3	Primarily dead except a coupe leaves, severe lean	Retain	X
242	Scots Pine	Pinus sylvestris	19.5	High	High	2		Retain	
243	Trembling Aspen	Populus tremuloides	26	Poor	Poor	4.5	Dieback, large broken branches, severe lean, dead top, cavity at ~6.0m	Retain	X
244	Trembling Aspen	Populus tremuloides	29	Poor	Medium	3	Stem seam base to ~3.0m, severe lean, dieback	Retain	X
245	Eastern White Cedar	Thuja occidentalis	42.1	Medium	High	3	Stem split above dbh, seam base to ~ 2.0m	Retain	
246	Apple species	Malus sp.	19.5	Poor	Medium	6	Severe lean, dieback, shared stump	Retain	X
247	Apple species	Malus sp.	20.1	Poor	Medium	6	Severe lean, dieback, shared stump	Retain	X
248	Eastern White Cedar	Thuja occidentalis	27.1	High	High	3		Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
249	Green Ash	Fraxinus pennsylvanica	10.2	Poor	Medium	4	Severe lean, dieback,	Retain	X
250	Trembling Aspen	Populus tremuloides	16.5	Poor	Poor	2	Top broke / removed at ~3.5m, dieback	Retain	X
251	Eastern White Cedar	Thuja occidentalis	11.2	Medium	High	2	Multiple stems at base, split at base	Retain	
252	Eastern White Cedar	Thuja occidentalis	10.5	Medium	High	2	Split at base, milt stems at base, shared stump	Retain	
253	Scots Pine	Pinus sylvestris	22	Medium	Medium	2.5	Galls on branches, vine within	Retain	
254	Scots Pine	Pinus sylvestris	10.3	Poor	Poor	1	Broken top, dieback	Retain	X
255	Manitoba Maple	Acer negundo	15	Poor	High	3	Severe lean	Retain	X
256	Trembling Aspen	Populus tremuloides	17.5	High	Medium	3.5	Dieback	Retain	
257	Trembling Aspen	Populus tremuloides	18.5	Medium	High	3	Slight lean, dead top	Retain	
258	Trembling Aspen	Populus tremuloides	21.3	High	High	4		Retain	
259	Norway Maple	Acer platanoides	12.5	Medium	High	3	Large branch at ~2.0m	Retain	
260	Green Ash	Fraxinus pennsylvanica	13.8	Medium	High	2.5	Split leaders at ~8.0m	Retain	
261	Hawthron species	Crataegus sp.	13	Medium	High	3	Horizontal branches	Retain	
262	Eastern White Cedar	Thuja occidentalis	18.3	Medium	High	3	Stem split at ~4.0m	Retain	
263	Eastern White Cedar	Thuja occidentalis	29.4	Poor	High	3	Seam from split down to ~2.0 m	Retain	X
264	Eastern White Cedar	Thuja occidentalis	28.2	Medium	High	2	Stem split at ~4.0m	Retain	
265	Eastern White Cedar	Thuja occidentalis	12.2	Medium	High	3	shared stump	Retain	
266	Eastern White Cedar	Thuja occidentalis	17	Medium	High	3	Wounds at ~2.0m and ~3.0m	Retain	
267	Staghorn Sumac	Rhus hirta	11.7	Poor	High	2	Severe lean	Retain	X
268	Eastern White Cedar	Thuja occidentalis	16	High	High	2	Vine growing within	Retain	
269	Staghorn Sumac	Rhus hirta	12.5	Medium	Medium	2	Dieback, multiple stems at ~2.0m	Retain	
270	Apple species	Malus sp.		Medium	High	2	Three stems one tag, divided at ~1.0m additional stem at base below 10cm	Retain	
271	Balsam Fir	Abies balsamea	21	High	High	2		Retain	
272	Balsam Fir	Abies balsamea	30.2	High	High	3.5		Retain	
273	Green Ash	Fraxinus pennsylvanica	15.5	Poor	Poor	0.5	Mostly dead, epicormic branching, severe dieback	Retain	X
274	Trembling Aspen	Populus tremuloides	16	High	High	3		Retain	
275	Trembling Aspen	Populus tremuloides	15	High	High	3		Retain	
276	Trembling Aspen	Populus tremuloides	14.8	High	High	2		Retain	
277	Trembling Aspen	Populus tremuloides	14.2	High	High	3		Retain	
278	Trembling Aspen	Populus tremuloides	14.4	High	High	2		Retain	
279	Trembling Aspen	Populus tremuloides	14.4	Poor	High	3	Canker on stem at ~8.0m, no top	Retain	X
280	Trembling Aspen	Populus tremuloides	20.5	Poor	Medium	4	Canker on stem in canopy, top removed	Retain	X
281	Trembling Aspen	Populus tremuloides	26.3	High	High	5		Retain	
282	Trembling Aspen	Populus tremuloides	18.5	High	High	5	Dead leader	Retain	
283	Trembling Aspen	Populus tremuloides	22.2	High	Medium	3	Dieback	Retain	
284	Trembling Aspen	Populus tremuloides	19	High	High	4		Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
285	Trembling Aspen	Populus tremuloides	23	Medium	High	4	Slight lean	Retain	
286	Trembling Aspen	Populus tremuloides	20.4	High	High	4		Retain	
288	Trembling Aspen	Populus tremuloides	25	High	High	3	Some dieback	Retain	
289	Green Ash	Fraxinus pennsylvanica	19	Medium	High	5	Horizontal branch at base	Retain	
290	Trembling Aspen	Populus tremuloides	23.5	Medium	High	4	Potential stem canker at ~5.0m	Retain	
291	Trembling Aspen	Populus tremuloides	21.5	High	High	3		Retain	
292	Trembling Aspen	Populus tremuloides	23.3	High	High	4		Retain	
293	Trembling Aspen	Populus tremuloides	24.8	High	Medium	4	Some dieback	Retain	
294	Trembling Aspen	Populus tremuloides	15.6	High	High	3		Retain	
295	Green Ash	Fraxinus pennsylvanica	27.3	High	High	3		Retain	
296	Green Ash	Fraxinus pennsylvanica	25.2	High	High	4		Retain	
297	Trembling Aspen	Populus tremuloides	12.5	Poor	Medium	3	Stem canker at ~3.0m, dead leader	Retain	X
298	Trembling Aspen	Populus tremuloides	10.5	High	High	2	Dead leader	Retain	
299	Trembling Aspen	Populus tremuloides	17.7	High	Medium	3	Some dieback	Retain	
300	Trembling Aspen	Populus tremuloides	20.3	High	High	5		Retain	
301	Trembling Aspen	Populus tremuloides	14.6	Poor	Poor	2.5	Dieback, dead top	Retain	X
302	Trembling Aspen	Populus tremuloides	15.5	Poor	Poor	2.5	Dead top / no top, dieback, shared stump, seam at base	Retain	X
303	Trembling Aspen	Populus tremuloides	21	Poor	Poor	2	Mostly dead, severe dieback, stem rot	Retain	X
304	American Elm	Ulmus americana	55	High	Medium	5	Some dieback	Retain	
305	Crack Willow	Salix fragilis	14.1	Poor	Poor	0.5	Severe lean, mostly dead, sever dieback, epicormic branching	Retain	X
306	Crack Willow	Salix fragilis	16	Poor	Poor	2	Severe lean, dieback, dead top	Retain	X
307	Crack Willow	Salix fragilis	14	Poor	Poor	1	Severe lean, dieback, epicormic branching	Retain	X
308	Crack Willow	Salix fragilis	31.7	Medium	High	5	Large horizontal branches, slight lean	Retain	
309	Crack Willow	Salix fragilis	28	Medium	High	4	Slight lean on hill	Retain	X
310	Crack Willow	Salix fragilis	36	Poor	High	4	Severe lean	Retain	X
311	Crack Willow	Salix fragilis	17	Poor	Poor	0.5	Broken top, epicormic branching, dieback	Retain	X
312	Apple species	Malus sp.		Poor	Medium	4	Multiple stems, 6 off same stump, dieback	Retain	X
313	Apple species	Malus sp.	34.8	Poor	Medium	4	Stem split at base, dieback, large dead branches	Retain	X
314	Apple species	Malus sp.	24	Poor	Medium	4	Stem split at base, share stump, dieback, large dead branches	Retain	X
315	White Spruce	Picea glauca	46	Medium	Poor	3	Abundant dieback	Retain	X
316	Black Locust	Robinia pseudoacacia	44.3	Poor	High	4	Rot from dead branch at 1.0,	Retain	X

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
317	Black Locust	Robinia pseudoacacia	51.2	Poor	High	5	Stem split above dbh, large branch at base, pruned large branches at base possible rot	Retain	X
318	Blue Spruce	Picea pungens	29.7	Medium	High	2.5	Dead leader	Retain	
319	Blue Spruce	Picea pungens	22.5	High	High	3		Retain	
320	Blue Spruce	Picea pungens	28.2	High	High	4		Retain	
321	Blue Spruce	Picea pungens	35.2	High	High	3	Multiple leaders possibly topped	Retain	
322	Blue Spruce	Picea pungens	26.4	High	High	3	Possibly topped	Retain	
323	Blue Spruce	Picea pungens	35.5	High	High	3	Possibly topped	Retain	
324	Blue Spruce	Picea pungens	32.1	High	High	3		Retain	
325	Blue Spruce	Picea pungens	29.5	High	High	2.5	Multiple leaders, possible topped	Retain	
326	Blue Spruce	Picea pungens	26.7	High	High	2	Possibly topper under wires	Retain	
327	Eastern White Cedar	Thuja occidentalis	10	Poor	Poor	1	Dieback, dead stem, multiple stems	Retain	X
328	Eastern White Cedar	Thuja occidentalis	15	Medium	Medium	1.5	Multiple stems, dieback	Retain	
329	Eastern White Cedar	Thuja occidentalis	20.4	Poor	High	1.5	Large branch at 2.0, multiple stems	Retain	X
330	Eastern White Cedar	Thuja occidentalis	19.2	Poor	Medium	2.5	Multiple stems, dieback, slight lean	Retain	X
331	Eastern White Cedar	Thuja occidentalis		Medium	High	2	Multiple stems	Retain	
332	Eastern White Cedar	Thuja occidentalis	15	Medium	High	2	Multiple stems, broken branches	Retain	
333	Eastern White Cedar	Thuja occidentalis	10.7	Medium	High	1	Multiple stems, large horizontal branches	Retain	
334	Eastern White Cedar	Thuja occidentalis	14	Medium	Medium	2	Multiple stems, some dieback	Retain	
335	Black Locust	Robinia pseudoacacia	15.5	High	High	5		Remove	
336	Black Locust	Robinia pseudoacacia	15.2	Medium	High	4	Severe lean, horizontal branches	Remove	
337	Black Locust	Robinia pseudoacacia	18.2	High	Medium	4	Some dieback, stem wound at ~1.5m	Remove	
338	Black Locust	Robinia pseudoacacia	16.5	High	High	5		Remove	
339	Black Locust	Robinia pseudoacacia	11.9	Poor	High	5	Severe lean, large horizontal branches	Remove	X
340	Black Locust	Robinia pseudoacacia	10.8	Poor	High	4	Severe lean, broken leader	Remove	X
341	Black Locust	Robinia pseudoacacia	10.7	Medium	High	4	Large horizontal branches, sharee stump, seam	Remove	
342	Black Locust	Robinia pseudoacacia	31.8	High	High	5		Remove	
343	Black Locust	Robinia pseudoacacia	38.5	Medium	High	6	Large horizontal branches, large branch at base not tagged	Remove	
344	Black Locust	Robinia pseudoacacia	33.3	Poor	High	6	Severe lean, shared stump, seam at base	Remove	X
345	Black Locust	Robinia pseudoacacia	34.6	Poor	High	6	Shared stump, seam at base, large horizontal branches	Remove	X
346	Black Locust	Robinia pseudoacacia	33	Poor	High	6	Shared stump, seam at base, broken large branches	Remove	X
347	Black Locust	Robinia pseudoacacia	45	Poor	High	8	Stem split at ~1.5m, seam, hollow at split	Remove	X

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
348	Black Locust	Robinia pseudoacacia	32.7	Medium	High	8	Large horizontal branches	Remove	
349	Black Locust	Robinia pseudoacacia	41.4	Poor	High	7	Shared stump, seam at base, hollow base	Remove	X
350	Black Locust	Robinia pseudoacacia	41.7	Poor	High	7	Shared stump, hollow base, seam at base	Remove	X
351	Black Locust	Robinia pseudoacacia	30.4	Poor	High	6	Shared stump, seam at base, severe lean	Remove	X
352	Black Locust	Robinia pseudoacacia	44.5	Poor	High	8	Stem split at ~3.0m	Remove	X
353	Black Locust	Robinia pseudoacacia	44.8	Poor	High	8	Spike knots on stem, large horizontal branches	Remove	X
354	Black Locust	Robinia pseudoacacia	46.1	Poor	High	8	Stem split at ~3.0m, split in trunk,	Remove	X
355	Eastern White Cedar	Thuja occidentalis	32	Poor	Poor	3	Dieback, wound at base, slight lean, pitch nodules	Remove	X
356	White Birch	Betula papyrifera	17.8	Medium	High	3	Slight lean, shared stump	Remove	
357	White Birch	Betula papyrifera	17.5	Medium	High	3	Some dieback, shared stump, slight lean	Remove	
358	White Birch	Betula papyrifera	24.8	Poor	Medium	5	Wound at base, large branching, yellow leaves	Remove	X
359	Manitoba Maple	Acer negundo	39	Poor	High	8	Rotten stump at base, stem split at ~1.5m	Remove	X
360	Butternut	Juglans cinerea	64.5	Poor	Poor	10	Sutty canker, lots of dieback, broken branches, stem split at 3.0, root flare canker	Retain	X
361	Tamarack	Larix laricina	28.8	High	High	6		Retain	
362	White Birch	Betula papyrifera	31.5	Medium	High	6	Shared stump, seam at base	Retain	
363	White Birch	Betula papyrifera	31.4	Medium	High	6	Shared stump, seam at base	Retain	
364	White Birch	Betula papyrifera	31	Medium	Medium	6	Shared stump, seam at base, insect damage on leaves, pruning	Retain	
365	White Birch	Betula papyrifera	30.8	Medium	Medium	5	Shared stump, insect damage on leaves	Retain	
366	Norway spruce	Picea abies	78	Medium	High	10	Large horizontal branches, all looks solid	Remove	
367	White Birch	Betula papyrifera	27.5	Medium	Medium	4	Insect damage on leaves, stem wound at ~0.5m	Remove	
368	White Birch	Betula papyrifera	22.5	Medium	Medium	3	split stem at 3.0m	Remove	
369	White Birch	Betula papyrifera	32	High	Medium	4	Insect damage on leaves	Remove	
370	White Birch	Betula papyrifera	24	Poor	Medium	6	Severe lean, shared stump, some insect damage on leaves	Remove	X
371	White Birch	Betula papyrifera	29.2	Medium	Medium	6	Shared stump, some insect damage on leaves	Remove	
372	White Birch	Betula papyrifera	20.8	Poor	Medium	6	Insect damage on leaves, severe lean, shared stump	Remove	X

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
373	White Birch	Betula papyrifera	13.5	Poor	Medium	3	Severe lean, shared stump, some insect damage on leaves	Remove	X
374	White Birch	Betula papyrifera	17.3	Poor	Medium	3	Severe lean, shared stump, some insect damage on leaves	Remove	X
375	White Birch	Betula papyrifera	18.6	Medium	Medium	4	Shared stump, some dieback, some insect damaged leaves	Remove	
376	White Birch	Betula papyrifera	16	Poor	Medium	4	Severe lean, shared stmp, some insect damage on leaves	Remove	X
377	White Birch	Betula papyrifera	11.5	Poor	High	2	Severe lean	Remove	X
378	Black Locust	Robinia pseudoacacia	35.8	High	High	6		Remove	
379	White Birch	Betula papyrifera	13.8	Poor	High	2	Severe lean	Remove	X
380	Black Locust	Robinia pseudoacacia	47.5	Poor	High	8	Stem split at ~2.5m, large broken branch	Remove	X
381	Black Locust	Robinia pseudoacacia	34.5	High	High	7		Remove	
382	Black Maple	Acer nigrum	11.2	High	High	3		Remove	
383	Freeman's Maple	Acer X freemanii	34.9	High	High	6		Remove	
384	Freeman's Maple	Acer X freemanii	27.5	High	High	6		Remove	
385	Black Maple	Acer nigrum	11.6	High	High	4		Remove	
386	Manitoba Maple	Acer negundo	16.1	Poor	High	3	Severe lean, pushed over by down fall	Retain	X
387	White Oak	Quercus alba	37.9	Poor	High	10	Severe lean	Retain	X
388	White Oak	Quercus alba	22.1	High	High	4		Retain	
389	Black Maple	Acer nigrum	11.9	High	High	3		Retain	
390	White Birch	Betula papyrifera	22.1	Poor	Medium	6	Severe lean, shared stump, seam at base, insect damage on leaves	Retain	X
391	White Birch	Betula papyrifera	27	Poor	Medium	6	Severe lean, stem split at ~2.0m, seam at base, insect damage on leaves	Retain	X
392	Black Maple	Acer nigrum	26	High	High	7	Some large horizontal branches	Retain	
393	Black Maple	Acer nigrum	19.5	Medium	High	6	Large horizontal branches at ~3.0m	Retain	
394	Black Locust	Robinia pseudoacacia	32.2	Medium	Medium	4	Within sidewalk, some fungus on branches, some dieback, large branch ~2.0m	Remove	
395	Black Locust	Robinia pseudoacacia	20.2	Medium	Medium	5	Some dieback, slight lean, heavey branching towards road	Remove	
396	Green Ash	Fraxinus Pennsylvanica	11.7	High	High	2	Some leader defoiliage	Retain	
397	Black Maple	Acer nigrum	19.1	Poor	Poor	3	Wound base to ~1.0 m, dieback, insect damage	Retain	X
398	Black Locust	Robinia pseudoacacia	34.1	Medium	Medium	5	lights in tree, dieback, fungus on some branches, large branching at ~2.0 m, concrete constrained	Remove	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
399	Black Locust	Robinia pseudoacacia	34.9	Medium	Medium	8	Dieback, lights in tree, concrete constrained, heavy branching towards road, past pruning,	Remove	
400	Black Locust	Robinia pseudoacacia	24.1	Medium	Medium	5	Pruned under wires, lights in tree, some dieback, heavy branching towards road	Remove	
401	Eastern White Cedar	Thuja occidentalis	16	High	High	3		Retain	
402	Trembling Aspen	Populus tremuloides	25	High	High	5		Retain	
403	Eastern White Cedar	Thuja occidentalis	10	High	High	2		Retain	
404	Eastern White Cedar	Thuja occidentalis	16	High	High	2		Retain	
405	Eastern White Cedar	Thuja occidentalis	15	High	High	2		Retain	
406	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	
407	Green Ash	Fraxinus pennsylvanica	18	Medium	High	3	Ash bore holes on trunk	Retain	X
408	Trembling Aspen	Populus tremuloides	18	High	High	4		Retain	
409	Eastern White Cedar	Thuja occidentalis	10	High	High	3		Retain	
410	Eastern White Cedar	Thuja occidentalis	12	High	High	3		Retain	
411	Eastern White Cedar	Thuja occidentalis	10	High	Medium	3	Lean	Retain	
412	Eastern White Cedar	Thuja occidentalis	14	High	High	3		Retain	
413	Trembling Aspen	Populus tremuloides	34	High	High	5		Retain	
414	Eastern White Cedar	Thuja occidentalis	14	High	High	3		Retain	
415	Trembling Aspen	Populus tremuloides	12	High	High	3		Retain	
416	Eastern White Cedar	Thuja occidentalis	10	High	High	3		Retain	
417	Eastern White Cedar	Thuja occidentalis	22	Medium	Poor	3	Ash bore holes on trunk	Retain	X
418	Eastern White Cedar	Thuja occidentalis	10	High	High	3		Retain	
419	Green Ash	Fraxinus pennsylvanica	18	High	High	4		Retain	
420	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	
421	Eastern White Cedar	Thuja occidentalis	21	High	High	3		Retain	
422	Eastern White Cedar	Thuja occidentalis	16	High	High	3		Retain	
423	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	
424	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	
425	Eastern White Cedar	Thuja occidentalis	22	High	High	3		Retain	
426	Eastern White Cedar	Thuja occidentalis	26	High	High	3		Retain	
427	Eastern White Cedar	Thuja occidentalis	33	High	High	3		Retain	
428	Eastern White Cedar	Thuja occidentalis	18	High	High	3		Retain	
429	Eastern White Cedar	Thuja occidentalis	12	High	High	1		Retain	
430	Eastern White Cedar	Thuja occidentalis	30	High	High	3		Retain	
431	Eastern White Cedar	Thuja occidentalis	11	High	High	1		Retain	
432	Eastern White Cedar	Thuja occidentalis	14	High	High	2		Retain	
433	Eastern White Cedar	Thuja occidentalis	12	High	Medium	2	Lean	Retain	
434	Eastern White Cedar	Thuja occidentalis	18	High	Medium	3	Lean	Retain	
435	Trembling Aspen	Populus tremuloides	22	High	High	4		Retain	
436	Trembling Aspen	Populus tremuloides	32	High	High	4		Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
437	Trembling Aspen	Populus tremuloides	30	High	High	4		Retain	
438	Trembling Aspen	Populus tremuloides	14	High	High	3		Retain	
439	Trembling Aspen	Populus tremuloides	44	High	High	5		Retain	
440	Trembling Aspen	Populus tremuloides	11	High	High	3		Retain	
441	Eastern White Cedar	Thuja occidentalis	12	High	High	3		Retain	
442	Trembling Aspen	Populus tremuloides	24	High	High	3		Retain	
443	Eastern White Cedar	Thuja occidentalis	11	High	High	2		Retain	
444	Eastern White Cedar	Thuja occidentalis	16	High	High	3		Retain	
445	Eastern White Cedar	Thuja occidentalis	14	High	High	2		Retain	
446	Eastern White Cedar	Thuja occidentalis	10	High	High	3		Retain	
447	Trembling Aspen	Populus tremuloides	20	High	High	4		Retain	
448	Eastern White Cedar	Thuja occidentalis	10	High	High	3		Retain	
449	Eastern White Cedar	Thuja occidentalis	20	High	High	3		Retain	
450	Eastern White Cedar	Thuja occidentalis	12	High	High	2		Retain	
451	Eastern White Cedar	Thuja occidentalis	12	High	High	3		Retain	
452	Eastern White Cedar	Thuja occidentalis	11	High	High	2		Retain	
453	Green Ash	Fraxinus pennsylvanica	21	High	High	4		Retain	
454	Trembling Aspen	Populus tremuloides	33	High	High	4		Retain	
455	Trembling Aspen	Populus tremuloides	16	High	High	4		Retain	
456	Trembling Aspen	Populus tremuloides	26	High	High	4		Retain	
457	Trembling Aspen	Populus tremuloides	24	High	High	4		Retain	
458	Trembling Aspen	Populus tremuloides	10	High	Medium	3	Lean	Retain	
459	Trembling Aspen	Populus tremuloides	14	High	High	4		Retain	
460	Trembling Aspen	Populus tremuloides	22	High	High	4		Retain	
461	Green Ash	Fraxinus pennsylvanica	21	Medium	High	4	Ash bore holes	Retain	X
462	Trembling Aspen	Populus tremuloides	25	High	High	4		Retain	
463	Trembling Aspen	Populus tremuloides	12	High	Medium	5	Lean	Retain	
464	White Birch	Betula papyrifera	20	High	High	4		Retain	
465	Trembling Aspen	Populus tremuloides	20	High	High	5		Retain	
466	Eastern White Cedar	Thuja occidentalis	16	High	High	2		Retain	
467	Eastern White Cedar	Thuja occidentalis	11	High	High	2		Retain	
468	Eastern White Cedar	Thuja occidentalis	14	High	High	2		Retain	
469	Eastern White Cedar	Thuja occidentalis	14	High	High	2		Retain	
470	Trembling Aspen	Populus tremuloides	22	High	High	4		Retain	
471	Green Ash	Fraxinus pennsylvanica	22	Poor	Medium		Dying with lean, potential hazard tree	Retain	X
472	Eastern White Cedar	Thuja occidentalis	10	Poor	High	2	Extensive crown dieback	Retain	X
473	Eastern White Cedar	Thuja occidentalis	11	Poor	High	2	Extensive crown dieback	Retain	X
474	Eastern White Cedar	Thuja occidentalis	12	High	High	3		Retain	
475	Trembling Aspen	Populus tremuloides	17	High	High	4		Retain	
476	Trembling Aspen	Populus tremuloides	14	High	High	4		Retain	
477	Trembling Aspen	Populus tremuloides	11	High	High	3		Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
478	Trembling Aspen	Populus tremuloides	22	High	High	4		Retain	
479	Trembling Aspen	Populus tremuloides	18	Poor	High	3	Extensive crown dieback	Retain	X
481	Trembling Aspen	Populus tremuloides	14	High	High	2		Retain	
482	Honey Locust	Gleditsia triacanthos	16	High	High	3		Retain	
483	Sugar Maple	Acer saccharum	22	Poor	High	3	Water sprouts and fungus on trunk	Retain	X
484	White Pine	Pinus strobus	18	High	High	3		Retain	
485	Eastern White Cedar	Thuja occidentalis	15	High	High	3		Retain	
486	Honey Locust	Gleditsia triacanthos	28	Medium	Medium	4		Retain	
486	Norway Maple	Acer platanoides	36	High	High	4		Retain	
487	Honey Locust	Gleditsia triacanthos	15	Medium	Poor	3		Retain	X
488	Black Locust	Robinia pseudoacacia	56	Medium	Medium	6		Retain	
489	Black Locust	Robinia pseudoacacia	25	High	High	4		Retain	
490	Black Maple	Acer nigrum	56	High	High	5		Retain	
491	Honey Locust	Gleditsia triacanthos	16	High	High	3		Retain	
492	Siberian Elm	Ulmus pumila	58	Medium	High	8		Retain	
493	Honey Locust	Gleditsia triacanthos	10	High	High	3		Retain	
494	Buckthorn	Rhamnus cathartica	12	High	High	3		Retain	
495	Honey Locust	Gleditsia triacanthos	18	High	High	3		Retain	
497	Norway Maple	Acer platanoides	18	High	High	3		Retain	
498	Honey Locust	Gleditsia triacanthos	15	High	Medium	5	Lean	Retain	
499	Honey Locust	Gleditsia triacanthos	10	Poor	High	4	Extensive crown dieback	Remove	X
500	Littleleaf Linden	Tilia cordata	32	High	High	4		Retain	
501	Honey Locust	Gleditsia triacanthos	30	High	High	4		Remove	
502	Honey Locust	Gleditsia triacanthos	18	High	High	4		Remove	
503	Littleleaf Linden	Tilia cordata	30	High	High	4		Remove	
504	Honey Locust	Gleditsia triacanthos	18	High	High	4		Remove	
505	Littleleaf Linden	Tilia cordata	30	High	High	4		Remove	
506	Honey Locust	Gleditsia triacanthos	16	High	High	4		Remove	
507	Littleleaf Linden	Tilia cordata	32	High	Medium	5	Lean	Remove	
508	Honey Locust	Gleditsia triacanthos	16	High	High	4		Remove	
509	Honey Locust	Gleditsia triacanthos	22	High	High	4		Remove	
510	Blue Spruce	Picea pungens	32	High	High	3		Retain	
511	Honey Locust	Gleditsia triacanthos	12	High	High	3		Remove	
513	Blue Spruce	Picea pungens	34	High	High	4		Remove	
514	Littleleaf Linden	Tilia cordata	34	Poor	High	4	Water sprouts	Remove	X
515	Littleleaf Linden	Tilia cordata	14	Medium	High	4	Water sprouts	Retain	
516	Blue Spruce	Picea pungens	18	High	High	3		Retain	
517	Blue Spruce	Picea pungens	16	High	High	3		Remove	
518	Blue Spruce	Picea pungens	18	High	High	3		Remove	
519	Red Oak	Quercus rubra	36	High	High	4		Remove	
520	Manitoba Maple	Acer negundo	14	High	High	4		Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
521	Black Locust	Robinia pseudoacacia	14	High	High	3		Retain	
522	Black Locust	Robinia pseudoacacia	24	High	High	3		Retain	
523	Black Locust	Robinia pseudoacacia	18	High	Medium	3	Lean	Retain	
524	Black Locust	Robinia pseudoacacia	17	High	High	3		Retain	
525	Black Locust	Robinia pseudoacacia	41	High	High	5		Retain	
526	Black Locust	Robinia pseudoacacia	34	High	High	4		Retain	
527	Norway Maple	Acer platanoides	40	High	High	6		Retain	
528	Austrian Pine	Pinus nigra	23.2	High	High	4		Retain	
529	Austrian Pine	Pinus nigra	26.6	Poor	High	3	Cavity at ~4.0 m on limb, multiple large horizontal branches	Retain	X
530	Austrian Pine	Pinus nigra	32	High	High	4		Retain	
531	Austrian Pine	Pinus nigra	30	High	High	4		Retain	
532	Littleleaf Linden	Tilia cordata	28	High	High	4		Remove	
533	Littleleaf Linden	Tilia cordata	29	High	High	4		Remove	
534	Littleleaf Linden	Tilia cordata	30	High	High	4		Remove	
535	Austrian Pine	Pinus nigra	31	High	Medium	3	Lean	Remove	
536	Austrian Pine	Pinus nigra	30	High	High	3		Retain	
537	Austrian Pine	Pinus nigra	27	High	Medium	3	Lean	Remove	
538	Red Oak	Quercus rubra	24	High	High	4		Retain	
539	Blue Spruce	Picea pungens	26	High	High	4		Retain	
540	Blue Spruce	Picea pungens	15	High	High	3		Remove	
541	Balsam Fir	Abies balsamea	18	High	High	3		Remove	
542	White Spruce	Picea glauca	14	High	High	3		Retain	
543	White Spruce	Picea glauca	16	High	High	3		Retain	
544	White Spruce	Picea glauca	19.2	High	High	3		Retain	
545	Siberian Elm	Ulmus pumila	50	Poor	Medium	5	Likely drown roots, unstable soil risk of root plate failure	Retain	X
546	Siberian Elm	Ulmus pumila	80	Poor	Medium	8	Watersprouts, crown dieback and lean	Remove	X
601	Black Locust	Robinia pseudoacacia	28.5	High	Medium	6	Some dieback, pruned under wires, lights in tree	Remove	
602	Black Locust	Robinia pseudoacacia	13.8	Medium	Medium	3	Some dieback, pruned under wires, wound at base, lights in tree, seam from base to ~ 0.5m	Remove	
603	Black Locust	Robinia pseudoacacia	27.7	Medium	Medium	6	Pruned under wires, lights in tree, some dieback, fungus on leader, large branching	Remove	
604	Black Locust	Robinia pseudoacacia	41.4	Poor	Medium	10	Stem split stem at ~1.5 m, seam below 1.0, multiple branches above, some dieback	Retain	X
605	Blue Spruce	Picea pungens	15.3	High	High	2	Lights in tree	Retain	

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
606	Black Locust	Robinia pseudoacacia	20.6	Poor	Poor	4	Share stump, severe lean, stem split at ~1.5 m	Retain	X
607	Black Locust	Robinia pseudoacacia	19.1	High	High	4	Some lower dieback	Retain	
608	Black Locust	Robinia pseudoacacia	18.5	Poor	High	3	Stem split at ~3.0m with seam, slight lean	Retain	X
609	Manitoba Maple	Acer negundo	17.5	Poor	Poor	3	Share stump, multiple stems, insect damage on leaves, dieback, rot at base	Retain	X
610	Manitoba Maple	Acer negundo	12.9	Poor	Poor	3	Severe lean, sharee stump, insect damage on leaves	Retain	X
611	Manitoba Maple	Acer negundo	39.5	Poor	Poor	6	Insect damage on leaves, severe lean, multiple branches, cavity	Retain	X
612	Black Locust	Robinia pseudoacacia	19.6	Poor	High	4	Stem split at ~2.0 m	Retain	X
613	Black Locust	Robinia pseudoacacia	21.5	Poor	High	5	Shared stump, seam, severe lean	Retain	X
614	Black Locust	Robinia pseudoacacia	17	Poor	Poor	4	Dieback, severe lean , shared stump	Retain	X
615	Black Maple	Acer nigrum	16.2	Medium	High	4	Large branches	Retain	
616	White Birch	Betula papyrifera	21.3	Medium	High	3	Split stem at ~4.0 m, large horizontal branches	Retain	
617	Green Ash	Fraxinus Pennsylvanica	17.3	Medium	High	6	Multiple braching ~10.0 m, pruned	Retain	
618	Green Ash	Fraxinus Pennsylvanica	19.2	Poor	Poor	4	Dieback, insect holes, epicormic branching	Retain	X
619	Manitoba Maple	Acer negundo	21.7	Poor	High	4	Large branch at ~1.0 m and ~3.0 m	Retain	X
620	White Birch	Betula papyrifera	30.3	Medium	High	6	Large branches, stem split at ~2.0 m	Retain	
621	Green Ash	Fraxinus Pennsylvanica	22.5	Poor	Poor	4	Limited foliage, insect damage on stem	Retain	X
622	Stagehorn sumac	Rhus hirta	10.7	Poor	High	3	Severe lean	Retain	X
623	Manitoba Maple	Acer negundo	23.8	Poor	High	4	Severe lean, mult stem at ~1.4 m	Retain	X
624	Manitoba Maple	Acer negundo	12	Poor	Medium	3	Some dieback, severe lean, dead pruned large branch	Retain	X
625	Manitoba Maple	Acer negundo	22.8	Poor	High	4	Severe lean, multiple stems at base	Retain	X
626	Manitoba Maple	Acer negundo	18.5	Poor	Poor	4	Dieback, shared stump	Retain	X
627	Manitoba Maple	Acer negundo	13.2	Poor	Poor	3	Severe lean, dieback	Retain	X
628	Manitoba Maple	Acer negundo	16.8	Poor	Poor	3	Dieback, severe lean	Retain	X
629	Manitoba Maple	Acer negundo	19.8	Medium	High	4	Slight lean, shared stump	Retain	
630	Manitoba Maple	Acer negundo	14.7	Poor	Medium	3	Some deiback, severe lean	Retain	X
631	Manitoba Maple	Acer negundo	13.8	Poor	Poor	1	Dieback, severe lean, shared stump	Retain	X
632	Manitoba Maple	Acer negundo	21.7	Poor	Poor	3	Dieback, rot branch stub, shared stump	Retain	X
633	Manitoba Maple	Acer negundo	24.7	Medium	Poor	3	Dieback, large branching, shared stump	Retain	X
634	Manitoba Maple	Acer negundo	11.5	High	Poor	2	Dieback	Retain	X
635	Manitoba Maple	Acer negundo	17.3	Poor	Poor	3	Severe lean, dieback	Retain	X

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
636	Manitoba Maple	Acer negundo	14.9	Poor	Medium	3	Some dieback, severe lean,	Retain	X
637	Manitoba Maple	Acer negundo	21.9	Poor	Poor	3	Severe lean, stems split at ~2.0 m, dieback	Retain	X
638	Manitoba Maple	Acer negundo	20.3	High	High	4		Retain	
639	Manitoba Maple	Acer negundo	19.2	Poor	High	3	Severe lean, large branch at ~1.3 m,	Retain	X
640	Manitoba Maple	Acer negundo	26	Poor	High	3	Share stump, severe lean, large branch at ~1.3 m	Retain	X
641	Manitoba Maple	Acer negundo	22.5	Poor	High	5	Severe lean, stem split at ~2.0 m	Retain	X
642	Manitoba Maple	Acer negundo	16	Poor	High	3	Severe lean	Retain	X
643	Manitoba Maple	Acer negundo	10.9	Poor	Poor	1	Mostly dead, some lower branches alive	Retain	X
644	American Elm	Ulmus americana	12.8	High	Medium	3	Yellowing of foliage, insect damage on leaves	Retain	
645	Black Walnut	Juglans nigra	14	High	High	3		Retain	
646	Black Walnut	Juglans nigra	16.1	Medium	High	2.5	Old branch stub at base, large horizontal branches	Retain	
647	Black Walnut	Juglans nigra	19.5	Medium	High	3	Large horizontal branches	Retain	
648	Black Walnut	Juglans nigra	11	High	High	2		Retain	
649	American Elm	Ulmus americana	10.3	Medium	Medium	3	Yellow leaves, stem split at ~0.5 m, shared stump	Retain	
650	American Elm	Ulmus americana	13	Medium	Medium	3	Yellow leaves, stem split at ~0.5 m and ~1.3 m, shared stump	Retain	
651	Black Locust	Robinia pseudoacacia	12.2	Poor	High	2	Wound at base and ~0.5 m, multiple stems	Retain	X
652	Black Locust	Robinia pseudoacacia	13.5	Medium	High	3	Damage to bark at base, partially healed	Retain	
653	Black Locust	Robinia pseudoacacia	17.6	High	High	3		Retain	
654	Black Locust	Robinia pseudoacacia	20.5	High	High	4		Retain	
655	Blue Spruce	Picea pungens	12.4	High	High	1	Lower limbs pruned up	Remove	
656	Blue Spruce	Picea pungens	32.9	Medium	High	3	Slight lean, lower limbs pruned up	Remove	
657	Blue Spruce	Picea pungens	32.7	High	High	3		Retain	
658	Red Oak	Quercus rubra	25.2	High	High	4	Some yellowing of leaves	Retain	
659	Austrian Pine	Pinus nigra	35.2	Medium	High	4	Stem split at ~3.5 m, lower limbs pruned	Retain	
660	Littleleaf Linden	Tilia cordata	28	High	High	3		Retain	
661	Little Leaf Linden	Tilea cordat	34.3	High	High	4		Remove	
662	Blue Spruce	Blue Spruce	35.2	High	High	2	Lower limbs removed	Remove	
663	Blue Spruce	Blue Spruce	32.1	High	High	3		Remove	
664	Austrian Pine	Pinus nigra	33.4	Medium	High	2	Codominant stems @2m	Remove	
665	Austrian Pine	Pinus nigra	32.8	Medium	High	3	Codominant stems @4m	Remove	
666	Black Maple	Acer nigrum	26.2	Medium	Medium	4	Codominant stems @4m some crown die back	Remove	

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667	Black Maple	Acer nigrum	38.7	Medium	Medium	5	Abnormal stem at base some crown dieback	Remove	
668	cherry species	Prunus species	16	High	High	4		Remove	
669	Black Walnut	Juglans nigra	23	High	Medium	4	Bark inclusion	Remove	
670	Manitoba Maple	Acer negundo	23	High	Medium	5	Lean	Remove	
671	Manitoba Maple	Acer negundo	15	High	High	3		Remove	
672	Eastern White Cedar	Thuja occidentalis	12	High	High	3		Retain	
673	Eastern White Cedar	Thuja occidentalis	16	High	High	3		Retain	
674	Eastern White Cedar	Thuja occidentalis	16	High	High	3		Retain	
675	Manitoba Maple	Acer negundo	22	High	Medium	4	Lean	Retain	
677	Manitoba Maple	Acer negundo	32	High	Medium	4	Lean	Retain	
678	Manitoba Maple	Acer negundo	32	High	Poor	4	Right angle branches and lean	Retain	X
679	Manitoba Maple	Acer negundo	22	High	Medium	6	Lean	Remove	
680	Siberian Elm	Ulmus pumila	32	High	High	4		Remove	
684	Sugar Maple	Acer saccharum	90	Medium	High	6		Retain	
685	Sugar Maple	Acer saccharum	83	Medium	High	5	Some crown dieback	Retain	
686	Sugar Maple	Acer saccharum	84	Medium	High	6		Retain	
688	Sugar Maple	Acer saccharum	72	High	High	6		Retain	
689	Sugar Maple	Acer saccharum	69	Medium	High	6	Crown dieback	Retain	
690	Austrian Pine	Pinus nigra	34	High	High	4		Retain	
691	Blue Spruce	Picea pungens	33	High	High	4		Retain	
692	Blue Spruce	Picea pungens	34	High	High	4		Retain	
693	Blue Spruce	Picea pungens	32	High	High	4		Retain	
694	Blue Spruce	Picea pungens	34	High	High	4		Retain	
695	Blue Spruce	Picea pungens	34	High	High	4		Retain	
696	Blue Spruce	Picea pungens	30	High	High	4		Retain	
697	Siberian Elm	Ulmus pumila	42	Medium	High	4	Crown dieback	Retain	
698	Siberian Elm	Ulmus pumila	34	Medium	High	4	Crown dieback	Retain	
699	White Spruce	Picea glauca	28	High	High	4		Retain	
700	White Spruce	Picea glauca	30	High	High	4		Retain	
806	Red Oak	Quercus rubra	21.9	Medium	Medium	5	Some dieback, lights in tree, existing tag	Retain	
807	Red Oak	Quercus rubra	24.2	Medium	High	4	Lights in tree, some lower dieback, large branch at ~6.0 m, existing tag	Retain	
809	Red Oak	Quercus rubra	19	High	High	4	Lights in tree, lower dieback, existing tag	Retain	
810	Black Locust	Robinia pseudoacacia	32.3	Medium	High	5	Large lower branches, branching heavy to road side	Retain	
812	Manitoba Maple	Acer negundo	12.7	Poor	High	3	Severe lean, horizontal branching, existing tag	Retain	X
813	Black Locust	Robinia pseudoacacia	12.8	Poor	Poor	3	Share base, stem split, severe lean, dieback, existing tag	Retain	X

Tree No.	Common_Name	Scientific_Name	DBH (cm)	Structural Condition	Health Condition	Crown Radius	Comments	Impact Based on Preliminary Preferred Alternative	Requires Further Assessment for Removal
814	Manitoba Maple	Acer negundo	12	Poor	High	3	Severe lean, existing tag	Retain	X
815	Manitoba Maple	Acer negundo	13.9	Poor	High	3	Severe lean, existing tag	Retain	X
816	Manitoba Maple	Acer negundo	19.9	Poor	High	4	Severe lean, multiple stems, existing tag	Retain	X
817	Black Locust	Robinia pseudoacacia	18.3	Poor	High	4	Crack and stem split at ~2.0 m, existing tag	Retain	X
819	Manitoba Maple	Acer negundo	11.1	Poor	Poor	0.5	Mostly dead, epicormic branching at ~1.0 m, existing tag	Retain	X
820	White Birch	Betula papyrifera	24.2	Medium	High	5	Multiple stems at ~4.0 m, existing tag	Retain	
821	Black Locust	Robinia pseudoacacia	36.4	Poor	High	8	Stem split at ~1.3 m, branch below DBH, existing tag	Retain	X
822	Bur Oak	Quercus macrocarpa	19.5	High	High	4		Retain	
824	Green Ash	Fraxinus Pennsylvanica	17.5	Poor	Poor	0.5	Mostly dead, epicormic branching at base, existing tag	Retain	X
826	Green Ash	Fraxinus Pennsylvanica	13.8	Poor	Poor	3	Dieback, insect holes, epicormic branching at base, existing tag	Retain	X
828	Manitoba Maple	Acer negundo	14.4	Poor	High	3	Severe lean, large horizontal branches, existing tag	Retain	X
830	Manitoba Maple	Acer negundo	20.2	Poor	High	3	Existing tag	Retain	X
832	Ornamental species		33.1	Poor	High	5	~ 1.3 m, existing tag	Retain	X
833	Manitoba Maple	Acer negundo	28.8	Poor	High	4	one stem	Retain	X
834	Ornamental species		26.5	Poor	High	5	Multiple stems at ~1.3 m, rot present	Retain	X
835	Green Ash	Fraxinus Pennsylvanica	27.7	Medium	Medium	4	Vines, multiple stems at ~4.0 m, sparse foliage	Retain	