



200 John Street East and 588 Charlotte Street, Niagara-onthe-Lake, Ontario Arborist Report and Tree Inventory Report

April 9, 2021

Prepared for:

Solmar (Niagara 2) Corp. 122 Romina Drive Concord, ON L4K 4Z7

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This document entitled "200 John Street East and 588 Charlotte Street, Tree Inventory Report" was prepared by Stantec Consulting Ltd. ("Stantec") in association with Buchanan Expert Tree Care Inc. (BETC). The report was prepared for Solmar (Niagara 2) Corp. in support of the development applications for lands located on the aforementioned properties, 200 John Street East and 588 Charlotte Street in Niagara-On-The-Lake. Ontario (the "Project"). In connection thereto, this document may be reviewed and used by the provincial and municipal government agencies participating in the permitting process in the normal course of their duties. Except as set forth in the previous sentence, any reliance on this document by any third party for any other purpose is strictly prohibited. The material in this document reflects Stantec's and BETC's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec, BETC and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec and BETC did not verify information supplied to it by others. Any unauthorized use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec and BETC shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on unauthorized use of this document.

Prepared by

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Senior Landscape Architect



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Introduction April 9, 2021

1.0 INTRODUCTION

Stantec Consulting Ltd. (Stantec) and Buchanan Expert Tree Care (BETC) were retained by Solmar (Niagara 2) Corp (Applicant) to prepare an addendum to previously prepared reports - a Tree Inventory and Condition Report and an Arborist Report for the 200 John Street East and 588 Charlotte Street properties located in Niagara-On-The-Lake, Ontario. All tree inventory and assessment was conducted by Bill Buchanan, HBScForestry, ISA Board Certified Master Arborist NY-0392B. Graphic preparation and field technician support was provided by Stantec.

The original reports: Tree Inventory and Condition Report May 2020 and Arborist Report and Tree Preservation Plan September 9, 2020 were prepared by BETC in support of the Applicant's submission on July 10, 2020 for an Official Plan Amendment, Zoning By-Law Amendment and Draft Plan of Subdivision approval to facilitate the construction of a residential community on the Properties consisting of single and semi-detached dwellings (Applications).

The Arborist Report and Tree Preservation Plan of September 9, 2020 contained the following:

- a. A methodology, which describes what was assessed in the field work and corresponding report and how that work was carried out;
- b. A chart that indicated which trees are proposed to be removed; and
- c. An analysis of proposed mitigation measures.

This report constitutes an addendum to the two previous reports and has been prepared and submitted at the request of the Town of Niagara-of-the-Lake to satisfy and complete the municipal submission requirements associated with the proposed development plans. The scope of work for this report was established as per communications (January 27, 2021) with the Town's representatives and can be found in Appendix A.

The tree inventory was conducted on March 8 and 10, 2021, led by Bill Buchanan, ISA Board Certified Master Arborist. Mr. Buchanan was assisted by David Waverman, Senior Landscape Architect and Cultural Heritage Specialist on March 8, 2021, and by Frank Smith, Stantec, Cultural Heritage Specialist and Kimberley Beech, Stantec, Landscape Architect Intern on March 8 and March 10, 2021.

1.1 PURPOSE OF REPORT

As indicated above, this report is an addendum to the earlier described reports and is being provided to address additional criteria/scope in the specific Terms of Reference which were provided by the Town on January 27, 2021.

The proponent was advised by the Town of its position that the policy basis for determining the parameters of the expanded scope of the tree inventory was based on the following:



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- Section 2(d) of the Planning Act and policy 2.6.3 of the PPS, 2020 (designated hotel property and listed property to the east).
- Lands and surrounding lands are within the "John Street East Summer Homes Character Area" in section 7.2.4.8 of NOTL 2019 adopted (but not yet approved OP). Heritage attributes include "mature vegetation on large lots". Policies identify as a CHL.
- All work to current ISA standards.
- To conduct a photographic record of the trees to: "assess tree character and the basis for the health rating assigned".

Based on the Town's request, the Applicant has undertaken the additional scope of work as requested, all of which is set out in this report.



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2.0 METHODOLOGY

At the request of the Town, the following information on the individual and tree groups was inventoried and appears graphically on the tree inventory plans; as text in the tree inventory charts, and as photographs, found in Appendices B, C and D.

- 3.1 **Tree species**, scientific and common name.
- 3.2 Trees on private and public adjacent lands within 6 metres of the subject properties.
- 3.3 **Diameter at Breast Height (DBH)** (metric). Measurement of the trunk at 1.4m above grade. Expressed as diameter in centimetres.
- 3.4 **Tree Canopies/Dripline:** All tree canopies (also referred to as "Dripline") of individual trees inventoried have their approximate dripline mapped onto the tree inventory plan. All tree driplines had the measurements of the approximate extents of the branches measured from the trunk of the tree. This also represents the general root zone of the tree. Note that tree canopies are not entirely symmetrical nor perfectly circular in shape, canopies indicated are based on the main distance radiating out from the tree.
 - Outline of tree grouping canopies based on air photo interpretation.
- 3.5 **Health Rating System**: The following health rating system has been used and has been based on visual inspection on the days of the field work:
 - 0 Dead, hazardous, or uprooting. Tree exhibits no signs of life. Needs removal.
 - 1 Declining or diseased tree. Too weak to survive construction. Recommend removal.
 - 2 Relatively healthy but less vigorous. Will struggle with construction.
 - 3 Healthy and vigorous. Defects if present are minor (e.g. twig dieback, small wounds) Good chance of survival with construction depending on proximity.
- 3.6 Tree Preservation Status: Dead trees on the subject properties that should be removed as they may become potential hazards have been denoted on plan with an x and in Table 2. Dead trees on adjacent properties have been identified as they may be potential hazard trees.

 All trees that are to be potentially removed for construction/development have been demarcated with an "X" symbol as denoted in the legend and found on L-901. Please note this is high level only, as to date this drawing was prepared without the preparation of a composition utility plan, final extent of development of above and below ground infrastructure and final grades. Final Preservation Status is typically determined during the Site Application stages based on final and complete engineering drawings.



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- 3.7 **Natural (occurring) or Cultural (planted):** The tree inventory also included identifying if the tree appeared as per professional opinion of the ISA Certified Master Arborist and Senior Landscape Architect to be naturally occurring (labelled natural on tree inventory plans) or cultural (planted). This information will help inform the municipality whether the trees and their associated siting's are part of a CHL and/or an original DG designed landscape.
- 3.8 **Photographic Record:** A photographic record of each individual tree was recorded and can be found in Appendix C.

Please refer to Tables 1, 2 and 3 below for summaries of findings.

Table 1: Tree Inventory Summary of Findings

Item	Description	Quantity
1	Total Number of Individual Trees Inventoried	175
2	Total Tree Groups Inventoried	8
3	Total Number of Trees Inventoried on Adjacent Properties	60
4	Total Number of Inventoried Cultural (planted) Trees on Subject Properties	78
5	Total Number of Inventoried Natural Trees on Subject Properties	37
6	Total Number of Dead Trees on Subject Properties	20
7	Total Number of Dead Trees on Adjacent Properties	2

Table 2: Trees for Removal/Preservation

Item	Description		C or N	Preservation
1	Gleditsia triacanthos	Honey Locust	N	R
2	Pinus strobus	White Pine	С	R
3	Pinus sylvestris	Scots Pine	С	R
4	Pinus sylvestris	Scots Pine	С	D
5	Fraxinus americana	White Ash	N	D
6	Pinus strobus	White Pine	С	R
7	Betula papyrifera	Paper Birch	N	R
8	Betula papyrifera	Paper Birch	N	R
9	Acer saccharinum	Silver Maple	N	R
10	Aesculus hippocastanum	Horsechestnut	N	R
11	Pinus strobus	White Pine	С	R
12	Pinus strobus	White Pine	С	R
13	Pinus strobus	White Pine	С	R
14	Ailanthus altissima	Tree of Heaven	N	R
15	Fraxinus americana	White Ash	N	D
16	Pinus strobus	White Pine	С	D
17	Salix nigra	Black Willow	С	R
18	Pinus strobus	White Pine	N	R



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Table 2: Trees for Removal/Preservation

Item	Description		C or N	Preservation
19	Pinus strobus	White Pine	N	R
20	Pinus strobus	White Pine	С	R
21	Prunus serotina	Black Cherry	N	D
22	Prunus serotina	Black Cherry	С	R
23	Ailanthus altissima	Tree of Heaven	N	D
24	Ailanthus altissima	Tree of Heaven	N	R
25	Aesculus hippocastanum	Horsechestnut	С	R
26	Aesculus hippocastanum	Horsechestnut	С	R
27	Pinus strobus	White Pine	С	R
28	Picea abies	Norway Spruce	С	R
29	Aesculus hippocastanum	Horsechestnut	С	D
30	Tilia cordata	Little Leaf Linden	С	R
31	Abies pseudotsuga	Douglas Fir	С	R
32	Tilia cordata	Little Leaf Linden	С	R
33	Picea abies	Norway Spruce	С	R
34	Picea abies	Norway Spruce	С	R
35	Aesculus hippocastanum	Horsechestnut	С	R
36	Abies pseudotsuga	Douglas Fir	С	R
37	Abies pseudotsuga	Douglas Fir	С	R
38	Pinus strobus	White Pine	С	D
39	Pinus strobus	White Pine	С	R
40	Pinus strobus	White Pine	С	R
41	Aesculus hippocastanum	Horsechestnut	N	R
42	Picea abies	Norway Spruce	С	R
43	Picea abies	Norway Spruce	С	R
44	Picea abies	Norway Spruce	С	R
45	Picea abies	Norway Spruce	С	R
46	Juglans nigra	Black Walnut	N	R
47	Quercus rubra	Red Oak	N	R
48	Prunus serotina	Black cherry	N	R
49	Pinus strobus	White Pine	С	R
50	Juglans nigra	Black Walnut	N	R
51	Pinus sylvestris	Scots Pine	С	R
52	Pinus nigra	Austrian Pine	С	R
53	Pinus nigra	Austrian Pine	С	D
54	Pinus sylvestris	Scots Pine	С	R
55	Pinus sylvestris	Scots Pine	С	R
56	Carya laciniosa	Big Shell Bark Hickory	N	R
57	Thuja occidentalis	Eastern White Cedar	С	R
58	Thuja occidentalis	Eastern White Cedar	С	R
59	Pinus sylvestris	Scots Pine	С	R
60	Pinus nigra	Austrian Pine	С	D
61	Pinus sylvestris	Scots Pine	С	R
62	Pinus sylvestris	Scots Pine	С	R



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Table 2: Trees for Removal/Preservation

Item	Description		C or N	Preservation
63	Pinus sylvestris	Scots Pine	С	R
64	Pinus nigra	Austrian Pine	С	R
65	Pinus nigra	Austrian Pine	С	D
66	Pinus sylvestris	Scots Pine	С	D
67	Pinus nigra	Austrian Pine	С	D
68	Pinus sylvestris	Scots Pine	С	R
69	Pinus sylvestris	Scots Pine	С	D
70	Pinus nigra	Austrian Pine	С	R
71	Quercus alba	White Oak	N	R
72	Quercus alba	White Oak	N	R
73	Quercus rubra	Red Oak	N	Р
74	Juglans nigra	Black Walnut	N	Р
75	Quercus alba	White Oak	N	Р
76	Fraxinus americana	White Ash	N	D
77	Pinus nigra	Austrian Pine	С	R
78	Ulmus pumila	Siberian Elm	N	R
79	Quercus alba	White Oak	N	Р
80	Quercus alba	White Oak	N	Р
81	Aesculus hippocastanum	Horsechestnut	N	R
82	Fraxinus americana	White Ash	N	D
83	Pinus sylvestris	Scots Pine	С	D
84	Pinus sylvestris	Scots Pine	С	D
85	Pinus sylvestris	Scots Pine	С	D
86	Populus deltoides	Cottonwood	N	R
87	Populus deltoides	Cottonwood	N	R
88	Picea abies	Norway Spruce	С	R
89	Acer platanoides	Norway Maple	N	R
90	Morus alba	Mulberry	N	R
91	Pinus sylvestris	Scots Pine	С	R
92	Pinus nigra	Austrian Pine	С	R
93	Pinus sylvestris	Scots Pine	С	R
94	Pinus nigra	Austrian Pine	С	R
95	Cercidiphyllum japonicum	Katsura	С	R
96	Betula nigra	River Birch	С	R
97	Acer rubrum	Red Maple	С	R
98	Pinus strobus	White Pine	С	R
99	Pinus strobus	White Pine	С	R
100	Pinus strobus	White Pine	С	R
101	Fraxinus americana	White Ash	N	D
102	Quercus palustris	Pin Oak	С	R
103	Acer rubrum	Red Oak	С	R
104	Ulmus pumila	Siberian Elm	N	R
105	Metasequoia glyptostroboides	Dawn Redwood	С	R
106	Pinus strobus	White Pine	С	R



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Table 2: Trees for Removal/Preservation

Item	Description		C or N	Preservation
107	Pinus strobus	White Pine	С	R
108	Pinus nigra	Austrian Pine	С	R
109	Juglans nigra	Black Walnut	N	R
110	Ulmus pumila	Siberian Elm	С	R
111	Chamaecyparis sp.	Cypress	С	R
112	Taxus cuspidata	Japanese Yew	С	R
147	Gymnocladus dioicus	Kentucky Coffee-Tree	С	R
148	Betula papyrifera	Paper Birch	С	R
149	Pinus nigra	Austrian Pine	С	R

Natural/Cultural Species

N Naturally Occurring Tree
C Cultural (planted) Tree
Preservation/Removal Status

R Recommended for Removal as per development plans.

D Dead/Dying tree identified as potential hazard tree.

Table 3: Trees for Removal/Preservation on Adjacent Properties

Item	Description		C or N	Preservation
1A	Juglans nigra	Black Walnut	N	Р
2A	Juglans nigra	Black Walnut	N	Р
3A	Quercus alba	White Oak	N	Р
4A	Carya laciniosa	Big Shell Bark Hickory	Ν	Р
5A	Pinus strobus	White Pine	Ν	Р
6A	Pinus strobus	White Pine	Ν	Р
7A	Pinus strobus	White Pine	Ν	Р
8A	Prunus serotina	Black Cherry	Ν	Р
9A	Carya laciniosa	Big Shell Bark Hickory	Ν	Р
10A	Juglans nigra	Black Walnut	N	Р
11A	Picea abies	Norway Spruce	vay Spruce N P	
12A	Quercus rubra	Red Oak	С	Р
13A	Aesculus hippocastanum	Horsechestnut	Ν	Р
14A	Prunus serotina	Black Cherry	N	Р
15A	Ailanthus altissima	Tree of Heaven	N	Р
16A	Ailanthus altissima	Tree of Heaven	N	Р
17A	Ailanthus altissima	Tree of Heaven	N	Р
18A	Gymnocladus dioicus	Kentucky Coffee-Tree	С	Р
19A	Gymnocladus dioicus	Kentucky Coffee-Tree	N	Р
20A	Juglans nigra	Black Walnut	N	D
21A	Ailanthus altissima	Tree of Heaven	N	Р
22A	Juglans nigra	Black Walnut	N	Р
23A	Quercus rubra	Red Oak	N	Р
24A	Ailanthus altissima	Tree of Heaven	N	Р
25A	Juglans nigra	Black Walnut	N	Р
26A	Acer platanoides	Norway Maple	С	Р



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Table 3: Trees for Removal/Preservation on Adjacent Properties

Item	Description		C or N	Preservation
27A	Juglans nigra	Black Walnut	N	Р
28A	Quercus rubra	Red Oak	N	Р
29A	Quercus alba	White Oak	С	Р
30A	Picea abies	Norway Spruce	С	Р
31A	Carya laciniosa	Big Shell Bark Hickory	N	Р
32A	Juglans nigra	Black Walnut	N	Р
33A	Ulmus americana	American Elm	N	Р
34A	Fraxinus americana	White Ash	N	D
35A	Juglans nigra	Black Walnut	Ν	Р
36A	Carya laciniosa	Big Shell Bark Hickory	Ν	Р
37A	Carya laciniosa	Big Shell Bark Hickory	Ν	Р
38A	Carya laciniosa	Big Shell Bark Hickory	Ν	Р
39A	Carya laciniosa	Big Shell Bark Hickory	Ν	Р
40A	Carya laciniosa	Big Shell Bark Hickory	Ν	Р
41A	Pinus nigra	Austrian Pine	С	Р
42A	Pinus nigra	Austrian Pine	С	Р
43A	Pinus nigra	Austrian Pine	С	Р
44A	Pinus nigra	Austrian Pine	С	Р
45A	Ulmus pumila	Siberian Elm	N	Р
46A	Ulmus pumila	Siberian Elm	Ν	Р
47A	Ulmus pumila	Siberian Elm	N	Р
48A	Ulmus pumila	Siberian Elm	N	Р
49A	Ulmus pumila	Siberian Elm	N	Р
50A	Ulmus pumila	Siberian Elm	N	Р
51A	Ulmus pumila	Siberian Elm	N	Р
52A	Ulmus pumila	Siberian Elm	N	Р
53A	Ulmus pumila	Siberian Elm	N	Р
54A	Ulmus pumila			Р
60A	Ulmus pumila	Siberian Elm	N	Р
61A	Ulmus pumila	Siberian Elm	N	Р
62A	Chamaecyparis sp.	Cypress	C P	
63A	Chamaecyparis sp.	Cypress	С	Р
64A	Acer platanoides	Norway Maple	С	Р
65A	Acer platanoides	Norway Maple	С	Р

Natural/Cultural Species
N Naturally Occurring Tree
C Cultural (planted) Tree

Preservation/Removal Status

Preserve

Dead/Dying tree identified as potential hazard tree.



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3.0 SUMMARY AND RECOMMENDATIONS

This report was prepared at the request of the Town to address their specific terms of reference set out in Appendix A as an addendum to the previously prepared Tree Inventory and Condition Report (BECT May 2020) and the Arborist Report and Tree Preservation Plan (BECT September 9, 2020) for the 200 John Street East and 588 Charlotte Street properties and as such is meant to be read in conjunction with them.

The original reports were prepared by BETC in support of the Applicant's submission on July 10, 2020 for an Official Plan Amendment, Zoning By-Law Amendment and Draft Plan of Subdivision approval to facilitate the construction of a residential community on the Subject Lands consisting of single and semi-detached dwellings (Applications).

Please refer to the September 9, 2020 Arborist Report and Tree Preservation Plan for specification, direction regarding:

- 1. Detailed information on the methodology of the tree inventory.
- 2. Tree Preservation, Protection & Management.
- 3. Tree Protection Barriers.
- 4. Tree Maintenance (Pre-Construction, During Construction and Post-Construction);
- 5. Town By-law 4571-12, A By-law to Authorize and Regulate the Planting, Care, Maintenance and Removal of Trees on the Town of Niagara-on-the-Lake's Property (the "Public Tree By-law"); and
- 6. Town By-law 5139-19, A By-law to Regulate the Destruction or Injuring of Trees on Private Property in the Urban Areas of the Municipality and to Rescind By-law 5106-18 (the "Private Tree Bylaw").

Note that any species ranked as Endangered, Threatened, or of Special Concern, located on the Subject Lands or within 6 m of the property lines were inventoried and assessed.

There are no trees identified as species at risk or regionally significant/endangered species identified for removal.

Consistent with the original reports, all inventoried trees have been identified by their scientific name and regionally used common name.

In summary, to date, based on current development site plans, 90 of the inventoried trees are recommended for removal (due to development) and 20 to be removed as potential hazard trees as they are dead or dying. Two (2) tree groups (#5 and #6) are recommended for removal, and four (4) trees groups (#1,2,3 & 4) will be partially impacted (for removals) by development based on current site plans. As noted previously, this summary of preservation/removals is typically assessed at the Site Plan



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approval stages and accompanied by final engineering drawings, including above and below ground utilities and final grading plans.

It is recommended that the Applicant follow all tree preservation measures for the trees to be retained as per the cited original Arborist Report and Preservation Plan.



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4.0 DISCLAIMER

The assessment of the trees presented within this report has been made using accepted arboricultural techniques. These include a visual examination of the above-ground parts of each tree for structural defects, scars, external indications of decay, evidence of insect presence, discoloured foliage, the general condition of the trees and the surrounding site, as well as the proximity of property and people. None of the trees examined were dissected, cored, probed, or climbed, and detailed root crown examinations involving excavation were not undertaken.

Notwithstanding the recommendations and conclusions made in this report, it must be realized that trees are living organisms and their health and vigour is constantly changing. They are not immune to changes in site conditions or seasonal variations in the weather.

While reasonable efforts have been made to ensure the trees recommended for retention are healthy, no guarantees are offered or implied, that these trees or any part of them will remain standing. It is both professionally and practically impossible to predict with absolute certainty the behavior of any single tree or group of trees in all circumstances. Inevitably a standing tree will always pose some risk. Most trees have the potential for failure if provided with the necessary combinations of stresses and elements. This risk can only be eliminated if the tree is removed.

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



APPENDIX A

Town of Niagara-on-the-Lake List of Tree Inventory Requirements

Appendix A

Original List of Tree Inventory Requirements from the Town of Niagara-on-the-Lake

TERMS OF REFERENCE

Given this history and context, we are looking for an Arborist Report and Tree Inventory that includes:

- 1. Trees on adjacent private and municipal lands that are within 6 m of the Subdivision Property boundary.
- 2. Identification and use of the minimum DBH for trees to be surveyed as per ISA standards. Survey all trees that meet that standard. Include DBH in Tree Inventory Chart.
- 3. DBH in metric.
- 4. An indication as to whether tree canopies shown are conceptual or accurate.
- 5. A Health Rating System based on the tree health in its current condition.
- 6. A Tree Inventory that identifies and differentiates trees proposed for removal due to poor health v. the proposed development.
- 7. Photos sufficient to assess tree character and the basis for the health rating assigned.
- 8. The dates for site visits or visual inspections.

APPENDIX B

Tree Inventory Charts

Group #	Botanical Name	Common Name	Percentage	Approximate Age (Years)
1A	Carya laciniosa Platanus occidentalis	Shell bark Hickory Syacmore (1 tree)	98 2	5
1	Populus deltoides Fraxinus americana Acer saccharinum	Cottonwood (1 tree) White Ash Silver maple	2 49 49	30
2A	Fraxinus americana Quercus alba Tilia americana Prunus sp. Pyrus sp. Carya ovata Ulmus americana Juglans nigra Acer negundo	White Ash White Oak Linden Sweet Cherry Pear Hickory Elm Black Walnut Manitoba Maple	35 15 2 2 1 5 10 20 10	20-50
2	Quercus alba Crataegus sp. Fraxinus americana Ulmus americana Carya ovata Quercus palustris Populus deltoides Prunus serotina Tilia americana Gleditsia triacanthos	White Oak Hawthorn White Ash Elm Shagbark Hickory Pin Oak Cottonwood Black Cherry Linden Honey Locust	20 5 10 5 35 5 5 5 5	20-150
3	Pinus strobus Picea abies Fraxinus americana Quercus alba Quercus palustris Juglans nigra	White Pine Norway Spruce White Ash White Oak Pin Oak Black Walnut	7 3 65 10 10 5	20-75
4	Pinus nigra Picea pungens Pinus strobus Ulmus pumila Pinus sylvestris Picea glauca Salix discolor	Austrian Pine Blue Spruce White Pine Siberian Elm Scots Pine White Spruce Pussy Willow	80 5 5 2 3 3 2	27
5	Syringa sp.	Lilac	100	Exisiting trunks 30 years, possible regeneration
6	Prunus nigra	Canadian Plum	100	100

Tag #	Botanical Name	Common Name	DBH(cm)	Health (Overall Condition)	Canopy Dripline Diameter (m)	Cultural (C) or Natural (N)	Age
1A	Juglans nigra	Black Walnut	83	3	13	N	100
2A	Juglans nigra	Black Walnut	59	3	11.5	N	40
3A	Quercus alba	White Oak	41	3	5.5	N	40
4A 5A	Carya laciniosa Pinus strobus	Big Shell Bark Hickory White Pine	63 37	3	11.5	N N	100 20
6A	Pinus strobus	White Pine	44	2	10	N N	40
7A	Pinus strobus	White Pine	49	2	7	N	40
1	Gleditsia triacanthos	Honey Locust	73	3	13	N	100
2	Pinus strobus	White Pine	36	2	5	С	30
3	Pinus sylvestris	Scots Pine		Tree	has been remove	d (Dead).	
4	Pinus sylvestris	Scots Pine	38	0	6	С	30
5	Fraxinus americana	White Ash	38	0	7	N	30
8A	Prunus serotina	Black Cherry	54	1	7	N	30
6	Pinus strobus	White Pine	56	2	8	С	30
7 8	Betula papyrifera	Paper Birch	28 29	2 2	4	N N	20 20
9	Betula papyrifera Acer saccharinum	Paper Birch Silver Maple	32	3	6	N N	20
10	Aesculus hippocastanum	Horsechestnut	22	3	6	N	20
11	Pinus strobus	White Pine	50	2	7	C	40
12	Pinus strobus	White Pine	48	2	7	C	40
13	Pinus strobus	White Pine	24	1	4	С	30
14	Ailanthus altissima	Tree of Heaven	31	1	4	N	10
15	Fraxinus americana	White Ash	96	0	10	Ν	70
16	Pinus strobus	White Pine	31	0	3	С	30
17	Salix nigra	Black Willow	107	1	8	С	50
18	Pinus strobus	White Pine	57	2	8	N	40
19	Pinus strobus	White Pine	42	2	4	N	20
20	Pinus strobus	White Pine	88	3	12	С	100
21	Prunus serotina	Black Cherry	60	0	3	N	50
9A	Carya laciniosa	Big Shell Bark Hickory	30	3	5 9	N	25
10A 11A	Juglans nigra Picea abies	Black Walnut	44 39	2 2	5	N N	40 40
12A	Quercus rubra	Norway Spruce Red Oak	46	3	8	C	40
13A	Aesculus hippocastanum	Horsechestnut	22	1	4	N	20
14A	Prunus serotina	Black Cherry	38	1	3	N	30
22	Prunus serotina	Black Cherry	89	1	8	C	60
23	Ailanthus altissima	Tree of Heaven	79	0	0	N	40
15A	Ailanthus altissima	Tree of Heaven	24	1	3	N	10
16A	Ailanthus altissima	Tree of Heaven	34	1	5	N	20
17A	Ailanthus altissima	Tree of Heaven	29	1	5	Ν	20
18A	Gymnocladus dioicus	Kentucky Coffee-Tree	45	3	8	С	40
19A	Gymnocladus dioicus	Kentucky Coffee-Tree	25	2	5	N	20
20A	Juglans nigra	Black Walnut	31	0	0	N	20
21A	Ailanthus altissima	Tree of Heaven	34	1	5	N	20
22A	Juglans nigra	Black Walnut	26	2	6 7	N	20
23A 24A	Quercus rubra Ailanthus altissima	Red Oak Tree of Heaven	28 21	2 2	5	N N	15 10
	Juglans nigra	Black Walnut	31	3	6	N N	20
	Acer platanoides	Norway Maple	36	1	5	C	20
27A	Juglans nigra	Black Walnut	63	3	15	N	60
28A	Quercus rubra	Red Oak	57	3	11	N N	40
24	Ailanthus altissima	Tree of Heaven	24	1	5	N	20
25	Aesculus hippocastanum	Horsechestnut	76	2	13	С	100
26	Aesculus hippocastanum	Horsechestnut	59	2	8	С	100
27	Pinus strobus	White Pine	80	3	12	С	100
28	Picea abies	Norway Spruce	74	3	9	С	100
29A	Quercus alba	White Oak	43	3	9	С	50
30A	Picea abies	Norway Spruce	78	3	13	С	100
29	Aesculus hippocastanum	Horsechestnut	79	0	2	С	100
30	Tilia cordata	Little Leaf Linden	24	2	7	С	20
31	Abies pseudotsuga	Douglas Fir	43 29	2 3	4	C C	100 20
32 33	Tilia cordata Picea abies	Little Leaf Linden Norway Spruce	73	3	6	C	100
34	Picea abies	Norway Spruce	61	2	9	C	100
35	Aesculus hippocastanum	Horsechestnut	75	1	10	С	100
36	Abies pseudotsuga	Douglas Fir	25	2	3	C	20
37	Abies pseudotsuga	Douglas Fir	25	2	3	С	20
	Pinus strobus	White Pine	50	0	0	С	100
	Pinus strobus	White Pine	51	2	6	С	100
40	Pinus strobus	White Pine	45	2	6	С	100
41	Aesculus hippocastanum	Horsechestnut	27	1	4	N	20
42	Picea abies	Norway Spruce	63	3	8	С	100
43	Picea abies	Norway Spruce	47	3	6	С	100
44	Picea abies	Norway Spruce	66	3	14	С	100
31A	Carya laciniosa	Big Shell Bark Hickory	55	3	11	N	100

330 Jungen regins		In.	I					
33AA Alberton americana		Picea abies	Norway Spruce	62	3	12	С	100
34A Protection protections Protection Protection		Juglans nigra	Black Walnut		3			
44 Jugens rigin	33A	Ulmus americana	American Elm	25	1	5	N	15
APP Description Proceedings Process	34A	Fraxinus americana	White Ash	22	0	0	N	10
APP Description Proceedings Process	46	Jualans niara	Black Walnut	27	3	6	N	15
84 Private periodina		-						
APP Privat probability P								
Soft Polius prigers	$\overline{}$		*		·			
ST								
252 Mous riginal Austrian Prine 32 1 5 C 50	50	Juglans nigra	Black Walnut	36		10		
SS Pinus pylerettis	51	Pinus sylvestris	Scots Pine	48	2	8	С	50
SS Pinus pipor	52	Pinus nigra	Austrian Pine	32	1	5	С	50
54 miles powerfalls			Austrian Pine	45	0	7	С	50
Sec Depth colorisation		-						
Section		· · · · · · · · · · · · · · · · · · ·						
57 Thurb occidentalis					·			
Sale								
59	57	Thuja occidentalis	Eastern White Cedar	42	2	4	С	100
60 Prince riginal Austrian Prince 64 0 5 C 100	58	Thuja occidentalis	Eastern White Cedar	41	2	4	С	100
A	59	Pinus sylvestris	Scots Pine	53	2	6	С	100
A			Austrian Pine	46	0	5	С	100
SSA								
33A Corya locinicate Sig Shell Bork Hickory 43 3 7 N 75								
37A Carya locinicios	$\overline{}$							
62 Pinus privestris Scots Pine 2 1 1 C 50								
643 Pinus priyestris Scots Fine	37A	Carya laciniosa	Big Shell Bark Hickory	42	3	7	N	75
Finus nigro	62	Pinus sylvestris	Scots Pine	21	1	1	С	50
Finus nigro	63	Pinus sylvestris	Scots Pine	41	1	5	С	50
65 Pirus nigra					1			
66 Pinus sylvestris Scoth Pine 49 0 8 C 50					·			
67 Pinus rigra								
68 Pinus sylvestris Scots Pine 29 1 4 C 50 69 Pinus rigra Austrian Pine 36 0 3 C 50 70 Pinus rigra Austrian Pine 56 2 8 C 50 38A Caryo (aciniosar 8ig Shell Bork Hickory 43 3 10 N 7.5 38A Caryo (aciniosar 8ig Shell Bork Hickory 43 3 10 N 7.5 39A Caryo (aciniosar 8ig Shell Bork Hickory 37 3 5 N 7.5 39A Caryo (aciniosar 8ig Shell Bork Hickory 37 3 5 N 7.5 39A Caryo (aciniosar 8ig Shell Bork Hickory 29 3 3 5 N 30 71 Quercus orbo While Cork 76 2 15 N 100 72 Quercus orbo While Cork 76 2 15 N 125 73 Quercus orbo While Cork 76 2 15 N 125 74 Augtons rigra 8icck Wanut 44 3 8 N 2025 75 Quercus orbo While Cork 74 1 14 N 125 76 Praints armerican While Cork 74 1 14 N 125 76 Praints armerican While Austrian Pine 32 0 5 N 30 41A Pinus rigra Austrian Pine 32 1 4 C 20 42A Pinus rigra Austrian Pine 32 1 4 C 20 42A Pinus rigra Austrian Pine 32 1 4 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 4 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 32 1 7 C 20 42A Pinus rigra Austrian Pine 33 1 7 C 20 42A Pinus rigra Austrian Pine	$\overline{}$							
69 Pinus sylvestris Scots Pine 36 0 3 C 50 70 Pinus rigra Austrian Pine 56 2 8 C 50 38A Carya (aciniosa 8ig Shell Bork Hickory 43 3 10 N 7.5 39A Carya (aciniosa 8ig Shell Bork Hickory 37 3 5 N 7.5 40A Carya (aciniosa 8ig Shell Bork Hickory 37 3 5 N 7.5 40A Carya (aciniosa 8ig Shell Bork Hickory 29 3 5 N 9.0 40A Carya (aciniosa 8ig Shell Bork Hickory 29 3 5 N 9.0 40A Carya (aciniosa 8ig Shell Bork Hickory 29 3 5 N 9.0 71 Quercus alba While Cook 82 2 10 N 7.5 72 Quercus alba While Cook 76 2 115 N 125 73 Quercus rubra Rea Cook 1113 1 18 N 225 74 Jugiars rigra 8iock Wolnut 44 3 8 N 3.0 75 Quercus alba While Cook 74 1 14 N 125 76 Prostinis americana While Cook 74 1 14 N 125 77 Guercus alba While Cook 74 1 14 N 125 78 Prostinis americana While Cook 74 1 14 N 125 79 Prostinis americana While Cook 74 1 14 N 125 70 Prostinis americana While Cook 74 1 14 N 125 70 Prostinis americana While Cook 74 1 14 N 125 71 Quercus alba Valution Pine 28 1 4 C 20 43A Pinus rigra Austrian Pine 28 1 4 C 20 43A Pinus rigra Austrian Pine 32 1 4 C 20 43A Pinus rigra Austrian Pine 45 1 7 C 20 43A Pinus rigra Austrian Pine 38 1 7 C 20 43A Pinus rigra Austrian Pine 38 1 7 C 20 43A Pinus rigra Austrian Pine 38 1 7 C 20 43A Pinus rigra Austrian Pine 38 1 7 C 20 43A Pinus rigra Austrian Pine 38 1 7 C 20 43A Pinus rigra Austrian Pine 39 2 9 N 40 43A Pinus rigra Austrian Pine 39 2 9 N 40 43A Pinus rigra Austrian Pine 39 2 9 N 40 43A Pinus rigra Austrian Pine 39 2 9 N 40 43A Pinus		-						
Pinus nigra		-			·			
39A Carya laciniosa	69	Pinus sylvestris	Scots Pine	36	0	3	С	50
SAR Carya laciniosa	70	Pinus nigra	Austrian Pine	56	2	8	С	50
37A Carya taciniosa	38A	Carva laciniosa	Bia Shell Bark Hickory	43	3	10	N	75
40A Carya laciniosa								
71 Quercus alba								
Text Text	$\overline{}$							
73 Quercus rubrac Red Oak 113 1 18 N 225 74 Juglans nigra Black Walnut 44 3 8 N 30 75 Quercus alba White Oak 74 1 14 N 125 76 Fraxinus americana White Ash 32 0 5 N 30 41A Pinus nigra Austrian Pine 28 1 4 C 20 42A Pinus nigra Austrian Pine 32 1 4 C 20 42A Pinus nigra Austrian Pine 32 1 4 C 20 44A Pinus nigra Austrian Pine 32 1 4 C 20 44A Pinus nigra Austrian Pine 32 1 7 C 20 44A Pinus nigra Austrian Pine 38 1 7 C 20 44A Pinus nigra Austrian Pine 38 1 7 C 20 45A Uimus pumila Siberian Eim 59 2 9 N 40 46A Uimus pumila Siberian Eim 21 2 3 N 10 47A Uimus pumila Siberian Eim 22 2 3 N 10 48A Uimus pumila Siberian Eim 22 2 3 N 10 49A Uimus pumila Siberian Eim 40 2 5 N 10 50A Uimus pumila Siberian Eim 38 2 5 N 10 50A Uimus pumila Siberian Eim 38 2 5 N 10 51A Uimus pumila Siberian Eim 36 2 5 N 10 52A Uimus pumila Siberian Eim 36 2 5 N 10 53A Uimus pumila Siberian Eim 36 2 5 N 10 53A Uimus pumila Siberian Eim 24 2 5 N 20 54A Uimus pumila Siberian Eim 36 2 5 N 20 54A Uimus pumila Siberian Eim 36 2 5 N 20 54A Uimus pumila Siberian Eim 24 2 5 N 20 54A Uimus pumila Siberian Eim 36 2 8 N 30 61A Uimus pumila Siberian Eim 24 2 5 N 20 54A Uimus pumila Siberian Eim 36 2 8 N 30 61A Uimus pumila Siberian Eim 36 2 8 N 30 61A Uimus pumila Siberian Eim 24 2 5 N 20 54A Uimus pumila Siberian Eim 24 2 5 N 20 54A Uimus pumila Siberian Eim 24 2 5 N 20 54A Uimus pumila Siberian Eim 24 2 5 N 20 54A Uimus pumila Siberian Eim 24 2 5 N 20 61A								
74 Juglans nigra		Quercus alba	White Oak		2		N	
75 Quercus albo	73	Quercus rubra	Red Oak	113	1	18	N	225
Total	74	Juglans nigra	Black Walnut	44	3	8	N	30
Total	75	Quercus alba	White Oak	74	1	14	N	125
41A Pinus nigra Austrian Pine 28	76	Fraxinus americana		32	0	.5	N	30
42A Pinus nigra Austrian Pine 32								
43A Pinus nigra Austrian Pine 45 1 7 C 20								
44AA Pinus pigra								
45A Ulmus pumila Siberian Elm 59 2 9 N 40					·			
46A Ulmus pumila Siberian Elm 21 2 3 N 10	44A	Pinus nigra	Austrian Pine		1		С	
47A Ulmus pumila Siberian Elm 22 2 3 N 10 48A Ulmus pumila Siberian Elm 23 2 3 N 10 49A Ulmus pumila Siberian Elm 40 2 5 N 10 50A Ulmus pumila Siberian Elm 38 2 5 N 10 51A Ulmus pumila Siberian Elm 36 2 5 N 10 52A Ulmus pumila Siberian Elm 36 2 5 N 10 52A Ulmus pumila Siberian Elm 91 2 14 N 40 52A Ulmus pumila Siberian Elm 24 2 5 N 10 52A Ulmus pumila Siberian Elm 24 2 5 N 20 54A Ulmus pumila Siberian Elm 24 2 5 N 20 77 Pinus rigra Aus	45A	Ulmus pumila	Siberian Elm	59	2	9	N	40
48A Ulmus pumila Siberian Elm 23 2 3 N 10 49A Ulmus pumila Siberian Elm 40 2 5 N 10 50A Ulmus pumila Siberian Elm 38 2 5 N 10 51A Ulmus pumila Siberian Elm 36 2 5 N 10 52A Ulmus pumila Siberian Elm 91 2 14 N 40 53A Ulmus pumila Siberian Elm 24 2 5 N 20 54A Ulmus pumila Siberian Elm 24 2 5 N 20 60A Ulmus pumila Siberian Elm 36 2 8 N 30 77 Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba Whit	46A	Ulmus pumila	Siberian Elm	21	2	3	N	10
48A Ulmus pumila Siberian Elm 23 2 3 N 10 49A Ulmus pumila Siberian Elm 40 2 5 N 10 50A Ulmus pumila Siberian Elm 38 2 5 N 10 51A Ulmus pumila Siberian Elm 36 2 5 N 10 52A Ulmus pumila Siberian Elm 91 2 14 N 40 53A Ulmus pumila Siberian Elm 24 2 5 N 20 54A Ulmus pumila Siberian Elm 24 2 5 N 20 60A Ulmus pumila Siberian Elm 36 2 8 N 30 77 Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba Whit	47A	Ulmus pumila	Siberian Elm	22	2	3	N	10
49A Ulmus pumila Siberian Elm 40 2 5 N 10 50A Ulmus pumila Siberian Elm 38 2 5 N 10 51A Ulmus pumila Siberian Elm 36 2 5 N 10 52A Ulmus pumila Siberian Elm 91 2 14 N 40 53A Ulmus pumila Siberian Elm 24 2 5 N 20 64A Ulmus pumila Siberian Elm 24 2 5 N 20 60A Ulmus pumila Siberian Elm 36 2 8 N 30 61A Ulmus pumila Siberian Elm 40 2 8 N 30 61A Ulmus pumila Siberian Elm 40 2 8 N 30 61A Ulmus pumila Siberian Elm 40 2 8 N 30 77 Pinus rigra Aus	48A	I Ilmus pumila					N	10
50A Ulmus pumila Siberian Elm 38 2 5 N 10 51A Ulmus pumila Siberian Elm 36 2 5 N 10 52A Ulmus pumila Siberian Elm 91 2 14 N 40 53A Ulmus pumila Siberian Elm 24 2 5 N 20 54A Ulmus pumila Siberian Elm 24 2 5 N 20 60A Ulmus pumila Siberian Elm 36 2 8 N 30 61A Ulmus pumila Siberian Elm 40 2 8 N 30 77 Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba White								
51A Ulmus pumila Siberian Elm 36 2 5 N 10 52A Ulmus pumila Siberian Elm 91 2 14 N 40 53A Ulmus pumila Siberian Elm 24 2 5 N 20 64A Ulmus pumila Siberian Elm 24 2 5 N 20 60A Ulmus pumila Siberian Elm 36 2 8 N 30 61A Ulmus pumila Siberian Elm 40 2 8 N 30 61A Ulmus pumila Siberian Elm 33 1 4 C 20 77 Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba White Oak 92 3 11.5 N 175 80 Quercus alba Whit	$\overline{}$							
52A Ulmus pumila Siberian Elm 91 2 14 N 40 53A Ulmus pumila Siberian Elm 24 2 5 N 20 60A Ulmus pumila Siberian Elm 24 2 5 N 20 60A Ulmus pumila Siberian Elm 36 2 8 N 30 61A Ulmus pumila Siberian Elm 40 2 8 N 30 77 Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba White Ook 92 3 11.5 N 175 80 Quercus alba White Ook 119 3 23 N 250 81 Aesculus hippocastanum Horsechestnut 66 2 9 N 50 82 Fraxinus americana								
53A Ulmus pumila Siberian Elm 24 2 5 N 20 54A Ulmus pumila Siberian Elm 24 2 5 N 20 60A Ulmus pumila Siberian Elm 36 2 8 N 30 61A Ulmus pumila Siberian Elm 40 2 8 N 30 77 Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba White Oak 92 3 11.5 N 175 80 Quercus alba White Oak 1119 3 23 N 250 81 Aesculus hippocastanum <								
54A Ulmus pumila Siberian Elm 24 2 5 N 20 60A Ulmus pumila Siberian Elm 36 2 8 N 30 61A Ulmus pumila Siberian Elm 40 2 8 N 30 7P Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba White Oak 92 3 11.5 N 175 80 Quercus alba White Oak 119 3 23 N 250 81 Aesculus hippocastanum Horsechestnut 66 2 9 N 50 82 Fraxinus americana						14	N	40
54A Ulmus pumila Siberian Elm 24 2 5 N 20 60A Ulmus pumila Siberian Elm 36 2 8 N 30 61A Ulmus pumila Siberian Elm 40 2 8 N 30 7Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba White Oak 92 3 11.5 N 175 80 Quercus alba White Oak 92 3 11.5 N 175 80 Quercus alba White Oak 119 3 23 N 250 81 Aesculus hippocastanum Horsechestnut 66 2 9 N 50 82 Fraxinus americana White Ash 23 0 3 N 15 83 Pinus sylvestris Scots Pin	53A	Ulmus pumila	Siberian Elm	24	2			
60A Ulmus pumila Siberian Elm 36 2 8 N 30 61A Ulmus pumila Siberian Elm 40 2 8 N 30 77 Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba White Oak 92 3 11.5 N 175 80 Quercus alba White Oak 119 3 23 N 250 81 Aesculus hippocastanum Horsechestnut 66 2 9 N 50 82 Fraxinus americana White Ash 23 0 3 N 15 83 Pinus sylvestris Scots Pine 44 0 3 C 30 84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris	54A	Luc u	Long to the		Z	5	N	20
61A Ulmus pumila Siberian Elm 40 2 8 N 30 77 Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba White Oak 92 3 11.5 N 175 80 Quercus alba White Oak 92 3 11.5 N 175 81 Aesculus hippocastanum Horsechestnut 66 2 9 N 50 82 Fraxinus americana White Ash 23 0 3 N 15 83 Pinus sylvestris Scots Pine 44 0 3 C 30 84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris Scots Pine 39 0 6 C 30 85 Pinus sylvestris <td></td> <td>Ulmus pumila</td> <td>Siberian Elm</td> <td>24</td> <td></td> <td></td> <td></td> <td></td>		Ulmus pumila	Siberian Elm	24				
77 Pinus nigra Austrian Pine 33 1 4 C 20 78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba White Oak 92 3 11.5 N 175 80 Quercus alba White Oak 119 3 23 N 250 81 Aesculus hippocastanum Horsechestnut 66 2 9 N 50 82 Fraxinus americana White Ash 23 0 3 N 15 83 Pinus sylvestris Scots Pine 44 0 3 C 30 84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris Scots Pine 39 0 6 C 30 86 Populus deltoides Cottonwood 24 1 4 N 10 87 Acer platanoides <td>60A I</td> <td></td> <td></td> <td></td> <td>2</td> <td>5</td> <td>N</td> <td>20</td>	60A I				2	5	N	20
78 Ulmus pumila Siberian Elm 30 2 4 N 20 79 Quercus alba White Oak 92 3 11.5 N 175 80 Quercus alba White Oak 119 3 23 N 250 81 Aesculus hippocastanum Horsechestnut 66 2 9 N 50 82 Fraxinus americana White Ash 23 0 3 N 15 83 Pinus sylvestris Scots Pine 44 0 3 C 30 84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris Scots Pine 39 0 6 C 30 86 Populus deltoides Cottonwood 24 1 4 N 10 87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies		Ulmus pumila	Siberian Elm	36	2 2	5 8	N N	20 30
79 Quercus alba White Oak 92 3 11.5 N 175 80 Quercus alba White Oak 119 3 23 N 250 81 Aesculus hippocastanum Horsechestnut 66 2 9 N 50 82 Fraxinus americana White Ash 23 0 3 N 15 83 Pinus sylvestris Scots Pine 44 0 3 C 30 84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris Scots Pine 39 0 6 C 30 86 Populus deltoides Cottonwood 24 1 4 N 10 87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoide	61A	Ulmus pumila Ulmus pumila	Siberian Elm Siberian Elm	36 40	2 2 2	5 8 8	N N N	20 30 30
80 Quercus alba White Oak 119 3 23 N 250 81 Aesculus hippocastanum Horsechestnut 66 2 9 N 50 82 Fraxinus americana White Ash 23 0 3 N 15 83 Pinus sylvestris Scots Pine 44 0 3 C 30 84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris Scots Pine 39 0 6 C 30 86 Populus deltoides Cottonwood 24 1 4 N 10 87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba </td <td>61A 77</td> <td>Ulmus pumila Ulmus pumila Pinus nigra</td> <td>Siberian Elm Siberian Elm Austrian Pine</td> <td>36 40 33</td> <td>2 2 2 1</td> <td>5 8 8 4</td> <td>N N N C</td> <td>20 30 30 20</td>	61A 77	Ulmus pumila Ulmus pumila Pinus nigra	Siberian Elm Siberian Elm Austrian Pine	36 40 33	2 2 2 1	5 8 8 4	N N N C	20 30 30 20
81 Aesculus hippocastanum Horsechestnut 66 2 9 N 50 82 Fraxinus americana White Ash 23 0 3 N 15 83 Pinus sylvestris Scots Pine 44 0 3 C 30 84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris Scots Pine 39 0 6 C 30 86 Populus deltoides Cottonwood 24 1 4 N 10 87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba White Mulberry 42 1 5 N 15 92 Pinus sylves	61A 77 78	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila	Siberian Elm Siberian Elm Austrian Pine Siberian Elm	36 40 33 30	2 2 2 1 2	5 8 8 4 4	N N N C N	20 30 30 20 20
82 Fraxinus americana White Ash 23 0 3 N 15 83 Pinus sylvestris Scots Pine 44 0 3 C 30 84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris Scots Pine 39 0 6 C 30 86 Populus deltoides Cottonwood 24 1 4 N 10 87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba White Mulberry 42 1 5 N 15 92 Pinus sylvestris Scots Pine 61 2 8 C 75 93 Pinus sylvestris	61A 77 78 79	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak	36 40 33 30 92	2 2 2 1 2 3	5 8 8 4 4 11.5	N N N C N	20 30 30 20 20 175
83 Pinus sylvestris Scots Pine 44 0 3 C 30 84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris Scots Pine 39 0 6 C 30 86 Populus deltoides Cottonwood 24 1 4 N 10 87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba White Mulberry 42 1 5 N 15 91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris	61A 77 78 79 80	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak	36 40 33 30 92 119	2 2 2 1 2 3 3	5 8 8 4 4 11.5 23	N N N C N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250
83 Pinus sylvestris Scots Pine 44 0 3 C 30 84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris Scots Pine 39 0 6 C 30 86 Populus deltoides Cottonwood 24 1 4 N 10 87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba White Mulberry 42 1 5 N 15 91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris	61A 77 78 79 80	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak	36 40 33 30 92 119	2 2 2 1 2 3 3	5 8 8 4 4 11.5 23	N N N C N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250
84 Pinus sylvestris Scots Pine 43 0 6 C 30 85 Pinus sylvestris Scots Pine 39 0 6 C 30 86 Populus deltoides Cottonwood 24 1 4 N 10 87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba White Mulberry 42 1 5 N 15 91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut	36 40 33 30 92 119 66	2 2 2 1 2 3 3 3	5 8 8 4 4 11.5 23 9	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50
85 Pinus sylvestris Scots Pine 39 0 6 C 30 86 Populus deltoides Cottonwood 24 1 4 N 10 87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba White Mulberry 42 1 5 N 15 91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81 82	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash	36 40 33 30 92 119 66 23	2 2 2 1 2 3 3 3 2 0	5 8 8 4 4 111.5 23 9	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50
86 Populus deltoides Cottonwood 24 1 4 N 10 87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba White Mulberry 42 1 5 N 15 91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81 82 83	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine	36 40 33 30 92 119 66 23 44	2 2 2 1 2 3 3 3 2 0	5 8 8 4 4 11.5 23 9 3	N N N N N N N N N N N C	20 30 30 20 20 175 250 50 15 30
87 Populus deltoides Cottonwood 35 1 6 N 20 88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba White Mulberry 42 1 5 N 15 91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81 82 83	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Harsechestnut White Ash Scots Pine Scots Pine	36 40 33 30 92 119 66 23 44	2 2 2 1 2 3 3 3 2 0 0	5 8 8 4 4 11.5 23 9 3 3 6	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50 15 30
88 Picea abies Norway Spruce 68 2 11 C 75 89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba White Mulberry 42 1 5 N 15 91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81 82 83 84	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine	36 40 33 30 92 119 66 23 44 43	2 2 2 1 2 3 3 3 2 0 0 0	5 8 8 4 4 11.5 23 9 3 3 6	N N N N N N N N N N N N N N C C C C	20 30 30 20 20 175 250 50 15 30 30 30
89 Acer platanoides Norway Maple 22 2 3 N 10 90 Morus alba White Mulberry 42 1 5 N 15 91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81 82 83 84 85	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Populus deltoides	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood	36 40 33 30 92 119 66 23 44 43 39	2 2 2 1 2 3 3 3 2 0 0 0	5 8 8 4 4 11.5 23 9 3 3 6 6	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50 15 30 30 30
90 Morus alba White Mulberry 42 1 5 N 15 91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81 82 83 84 85	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Populus deltoides	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood	36 40 33 30 92 119 66 23 44 43 39 24	2 2 2 1 2 3 3 3 2 0 0 0 0	5 8 8 4 4 11.5 23 9 3 3 6 6	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50 15 30 30 30 10
90 Morus alba White Mulberry 42 1 5 N 15 91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81 82 83 84 85 86	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood	36 40 33 30 92 119 66 23 44 43 39 24	2 2 2 1 2 3 3 3 2 0 0 0 0	5 8 8 4 4 11.5 23 9 3 6 6 6	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50 15 30 30 30 10
91 Pinus sylvestris Scots Pine 61 2 8 C 75 92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81 82 83 84 85 86 87	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce	36 40 33 30 92 119 66 23 44 43 39 24 35 68	2 2 2 1 2 3 3 3 2 0 0 0 0	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50 15 30 30 30 10 20
92 Pinus nigra Austrian Pine 65 1 10 C 75 93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81 82 83 84 85 86 87 88	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple	36 40 33 30 92 1119 66 23 44 43 39 24 35 68	2 2 2 1 2 3 3 3 2 0 0 0 0 0 1 1 1 2 2 2 3 3 2 2 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 8 8 4 4 111.5 23 9 3 3 6 6 4 6	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50 15 30 30 30 20 75
93 Pinus sylvestris Scots Pine 43 1 6 C 75	61A 77 78 79 80 81 82 83 84 85 86 87 88 89	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry	36 40 33 30 92 1119 66 23 44 43 39 24 45 68 22 42	2 2 2 1 2 3 3 3 2 0 0 0 0 0 1 1 1 2 2 3 2 1 0 0 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 11 3	N N N N N N N N N N N N N N N N N N N	20 30 30 20 175 250 50 15 30 30 30 10 20 75 10
	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Pinus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine	36 40 33 30 92 1119 66 23 44 43 39 24 35 68 22 42 61	2 2 2 1 2 3 3 3 2 0 0 0 0 0 0 1 1 1 2 2 3 2 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8	N N N N N N N N N N N N N N N N N N N	20 30 30 20 175 250 50 15 30 30 10 20 75 15
	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus sylvestris	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine	36 40 33 30 92 119 66 23 44 39 24 35 68 22 42 42 61	2 2 2 1 2 3 3 3 2 0 0 0 0 0 0 1 1 1 2 2 3 2 0 0 1 1 1 2 1 1 2 1 1 1 1 2 1 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 20 175 250 50 15 30 30 10 20 75 10 15 75
94 Pinus nigra Austrian Pine 48 1 6 C 75	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus sylvestris Pinus sylvestris	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Scots Pine	36 40 33 30 92 1119 66 23 44 43 39 24 35 68 22 42 61 65	2 2 2 1 2 3 3 3 2 0 0 0 0 0 1 1 1 2 2 2 1 1 2 1 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50 15 30 30 10 20 75 10 15 75
	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus nigra Pinus sylvestris	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Scots Pine	36 40 33 30 92 119 66 23 44 43 39 24 35 68 22 42 61 65 43	2 2 2 1 2 3 3 3 2 0 0 0 0 0 1 1 1 2 2 2 1 2 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8 10 6	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50 15 30 30 30 10 20 75 10 15 75 75
95 Cercidiphyllum japonicum Katsura 44 2 4 C 20	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus nigra Pinus sylvestris	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Scots Pine	36 40 33 30 92 119 66 23 44 43 39 24 35 68 22 42 61 65 43	2 2 2 1 2 3 3 3 2 0 0 0 0 0 1 1 1 2 2 2 1 2 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8 10 6	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50 15 30 30 30 10 20 75 10 15 75 75
	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus nigra Pinus sylvestris Pinus nigra Pinus sylvestris Pinus nigra Cercidiphyllum japonicum	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Scots Pine Scots Pine Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Scots Pine Austrian Pine Katsura	36 40 33 30 92 1119 66 23 44 43 39 24 35 68 22 42 61 65 43 48	2 2 2 1 2 3 3 3 2 0 0 0 0 0 0 1 1 1 2 2 1 2 1 1 2 1 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8 10 6 6 4	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 15 30 30 30 10 20 75 10 15 75 75 75
95 Cercidiphyllum japonicum Katsura 44 2 4 C 20 96 Betula nigra River Birch 31 3 6 C 20	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus nigra Pinus sylvestris Pinus nigra Cercidiphyllum japonicum Betula nigra	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Scots Pine Austrian Pine Katsura River Birch	36 40 33 30 92 1119 66 23 44 43 39 24 35 68 22 42 61 65 43 48 44	2 2 2 1 1 2 3 3 3 2 0 0 0 0 0 0 0 1 1 1 2 2 1 2 1 1 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8 10 6 6 4	N N N N N N N N N N N N N N N N N N N	20 30 30 20 175 250 50 15 30 30 30 10 20 75 10 15 75 75 75 75 75 20 20
95 Cercidiphyllum japonicum Katsura 44 2 4 C 20 96 Betula nigra River Birch 31 3 6 C 20 97 Acer rubrum Red Maple 20 2 6 C 20	61A 77 78 79 80 81 82 83 84 85 86 87 90 91 92 93 94 95 96	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus sylvestris Pinus sylvestris Picea robies Acer platanoides Morus alba Pinus sylvestris Pinus nigra Pinus nigra Pinus nigra Cercidiphyllum japonicum Betula nigra Acer rubrum	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Austrian Pine Katsura River Birch Red Maple	36 40 33 30 92 1119 66 23 44 43 39 24 35 68 22 42 61 65 43 48 44 43	2 2 2 1 2 3 3 3 2 0 0 0 0 0 0 0 1 1 1 2 2 1 2 1 2 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8 10 6 6 6 4	N N N N N N N N N N N N N N N N N N N	20 30 30 20 175 250 50 15 30 30 30 10 20 75 10 15 75 75 75 75 75 20 20 20
1 94 Pinus niara Austrian Pine 48 1 4	61A 77 78 79 80 81 82 83 84 85 86 87	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce	36 40 33 30 92 119 66 23 44 43 39 24 35 68	2 2 2 1 2 3 3 3 2 0 0 0 0	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4	N N N N N N N N N N N N N N N N N N N	2 3 3 2 2 17 25 5 5 1 1 3 3 3 3 1 7
	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus nigra Pinus sylvestris	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Scots Pine	36 40 33 30 92 119 66 23 44 43 39 24 35 68 22 42 61 65 43	2 2 2 1 2 3 3 3 2 0 0 0 0 0 1 1 1 2 2 2 1 2 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8 10 6	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 50 115 30 30 30 10 20 75 10 15 75
95 Cercidiphyllum japonicum Katsura 44 2 4 C 20	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus nigra Pinus sylvestris Pinus nigra Pinus sylvestris Pinus nigra Cercidiphyllum japonicum	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Scots Pine Scots Pine Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Scots Pine Austrian Pine Katsura	36 40 33 30 92 1119 66 23 44 43 39 24 35 68 22 42 61 65 43 48	2 2 2 1 2 3 3 3 2 0 0 0 0 0 0 1 1 1 2 2 1 2 1 1 2 1 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8 10 6 6 4	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 175 250 15 30 30 30 10 20 75 10 15 75 75 75
95 Cercidiphyllum japonicum Katsura 44 2 4 C 20 96 Betula nigra River Birch 31 3 6 C 20	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus nigra Pinus sylvestris Pinus nigra Cercidiphyllum japonicum Betula nigra	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Scots Pine Austrian Pine Katsura River Birch	36 40 33 30 92 1119 66 23 44 43 39 24 35 68 22 42 61 65 43 48 44	2 2 2 1 1 2 3 3 3 2 0 0 0 0 0 0 0 1 1 1 2 2 1 2 1 1 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8 10 6 6 4	N N N N N N N N N N N N N N N N N N N	20 30 30 20 175 250 50 15 30 30 30 10 20 75 10 15 75 75 75 75 75 20 20
95 Cercidiphyllum japonicum Katsura 44 2 4 C 20 96 Betula nigra River Birch 31 3 6 C 20 97 Acer rubrum Red Maple 20 2 6 C 20	61A 77 78 79 80 81 82 83 84 85 86 87 90 91 92 93 94 95 96	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus sylvestris Pinus sylvestris Picea robies Acer platanoides Morus alba Pinus sylvestris Pinus nigra Pinus nigra Pinus nigra Cercidiphyllum japonicum Betula nigra Acer rubrum	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Austrian Pine Katsura River Birch Red Maple	36 40 33 30 92 1119 66 23 44 43 39 24 35 68 22 42 61 65 43 48 44 43	2 2 2 1 2 3 3 3 2 0 0 0 0 0 0 0 1 1 1 2 2 1 2 1 2 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8 10 6 6 6 4	N N N N N N N N N N N N N N N N N N N	20 30 30 20 175 250 50 15 30 30 30 10 20 75 10 15 75 75 75 75 75 20 20 20
95 Cercidiphyllum japonicum Katsura 44 2 4 C 20 96 Betula nigra River Birch 31 3 6 C 20	61A 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98	Ulmus pumila Ulmus pumila Pinus nigra Ulmus pumila Quercus alba Quercus alba Aesculus hippocastanum Fraxinus americana Pinus sylvestris Pinus sylvestris Pinus sylvestris Populus deltoides Populus deltoides Populus deltoides Picea abies Acer platanoides Morus alba Pinus sylvestris Pinus nigra Pinus nigra Cercidiphyllum japonicum Betula nigra Acer rubrum Pinus strobus	Siberian Elm Siberian Elm Austrian Pine Siberian Elm White Oak White Oak White Oak Horsechestnut White Ash Scots Pine Scots Pine Scots Pine Cottonwood Cottonwood Norway Spruce Norway Maple White Mulberry Scots Pine Austrian Pine Scots Pine Austrian Pine Katsura River Birch Red Maple White Pine	36 40 33 30 92 119 66 23 44 43 39 24 35 68 22 41 65 43 48 44 43 43 48 44 43 48 44 43 44 45 46 47 47 48 48 48 48 48 48 48 48 48 48	2 2 2 1 2 3 3 3 2 0 0 0 0 0 0 1 1 1 2 2 1 2 1 2 1 1 2 1 1 1 1	5 8 8 4 4 11.5 23 9 3 3 6 6 6 4 6 11 3 5 8 10 6 6 6	N N N N N N N N N N N N N N N N N N N	20 30 30 20 20 20 175 250 50 15 30 30 10 20 75 10 15 75 75 75 75 75 20 20 20 20

100	Pinus strobus	White Pine	30	3	7	С	20
101	Fraxinus americana	White Ash	27	0	5	N	20
102	Quercus palustris	Pin Oak	29	3	6	С	20
103	Acer rubrum	Red Oak	23	3	5	С	20
104	Ulmus pumila	Siberian Elm	21	3	4	N	10
105	Metasequoia glyptostroboides	Dawn Redwood	25	3	5	С	20
106	Pinus strobus	White Pine	22	3	7	С	20
107	Pinus strobus	White Pine	21	3	7	С	20
108	Pinus nigra	Austrian Pine	71	1	11	С	75
109	Juglans nigra	Black Walnut	61	2	11	N	50
110	Ulmus pumila	Siberian Elm	53	2	10	С	40
111	Chamaecyparis sp.	Cypress	42	3	5	С	40
112	Taxus cuspidata	Japanese Yew	21	2	5	С	40
147	Gymnocladus dioicus	Kentucky Coffee-Tree	32	3	5	С	20
148	Betula papyrifera	Paper Birch	23	3	5	С	20
149	Pinus nigra	Austrian Pine	38	2	5	С	20
62A	Chamaecyparis sp.	Cypress	26	3	4	С	20
63A	Chamaecyparis sp.	Cypress	26	3	4	С	20
64A	Acer platanoides	Norway Maple	50	1	6	С	20
65A	Acer platanoides	Norway Maple	50	1	6	С	20
BW1	Buxus sp.	Boxwood	19 & 14	3		С	100
BW2	Buxus sp.	Boxwood	31	3		С	100
BW3	Buxus sp.	Boxwood	15	3		С	100
BW4	Buxus sp.	Boxwood	16	3		С	100

APPENDIX C

Photographic Inventory

Tag #	Botanical Name	Common Name	Tree Photo
1A	Juglans nigra	Black Walnut	
2A	Juglans nigra	Black Walnut	
3A	Quercus alba	White Oak	
4A	Carya laciniosa	Big Shell Bark Hickory	

	Pinus strobus	White Pine	
	Pinus strobus	White Pine	
7A	Pinus strobus	White Pine	
1	Gleditsia triacanthos	Honey Locust	

2	Pinus strobus	White Pine	VANAV
3	Pinus sylvestris	Scots Pine	Has been removed (Dead).
4	Pinus sylvestris	Scots Pine	
5	Fraxinus americana	White Ash	

8A	Prunus serotina	Black Cherry	
6	Pinus strobus	White Pine	
7	Betula papyrifera	Paper Birch	
8	Betula papyrifera	Paper Birch	

9	Acer	Silver Maple	
	saccharinum		
	hippocastanum	Horsechestnut	
11	Pinus strobus	White Pine	
12	Pinus strobus	White Pine	

	Pinus strobus	White Pine	
14	Ailanthus altissima	Tree of Heaven	
15	Fraxinus americana	White Ash	
16	Pinus strobus	White Pine	

17	Salix nigra	Black Willow	
18	Pinus strobus	White Pine	
19	Pinus strobus	White Pine	
20	Pinus strobus	White Pine	

		Black Cherry	
9A		Big Shell Bark Hickory	
	Juglans nigra	Black Walnut	
11A	Picea abies	Norway Spruce	

	I.a. ,	I	
		Red Oak	
	Aesculus hippocastanum	Horsechestnut	
14A	Prunus serotina	Black Cherry	
22	Prunus serotina	Black Cherry	

00	LA.1. 11	I - (11	
23 15A	altissima	Tree of Heaven	
ISA	Ailanthus altissima	Tree of Heaven	
16A	Ailanthus altissima	Tree of Heaven	
17A	Ailanthus altissima	Tree of Heaven	

18A	Cura a a alaudus	V and value	SALE AND THE SECOND SEC
194	Gymnocladus dioicus	Kentucky Coffee-Tree	
IYA	Gymnocladus dioicus	Kentucky Coffee-Tree	
20A	Juglans nigra	Black Walnut	
21A	Ailanthus altissima	Tree of Heaven	

22A	Juglans nigra	Black Walnut	
23A	Quercus rubra	Red Oak	
24A	Ailanthus altissima	Tree of Heaven	
25A	Juglans nigra	Black Walnut	

26A	Acer platanoides	Nonvay Manla	
		Black Walnut	
		Red Oak	
24	Ailanthus altissima	Tree of Heaven	

25	Aesculus	Horsechestnut	
	hippocastanum		
	Aesculus hippocastanum	Horsechestnut	
	Pinus strobus	White Pine	
28	Picea abies	Norway Spruce	

		White Oak	
	Picea abies	Norway Spruce	
29	Aesculus hippocastanum	Horsechestnut	
30	Tilia cordata	Little Leaf Linden	

31	Ahios	Douglas Fir	
	Abies pseudotsuga		
32	Tilia cordata	Little Leaf Linden	
33	Picea abies	Norway Spruce	
34	Picea abies	Norway Spruce	

35	Accoulus	Harrachartnut	10 m
	Aesculus hippocastanum	Horsechestnut	
36	Abies pseudotsuga	Douglas Fir	
37	Abies pseudotsuga	Douglas Fir	
38	Pinus strobus	White Pine	

39	Pinus strobus	White Pine	
40	Pinus strobus	White Pine	
41	Aesculus hippocastanum	Horsechestnut	
42	Picea abies	Norway Spruce	

43	Picea abies	Norway Spruce	
44	Picea abies	Norway Spruce	
31A	Carya laciniosa	Big Shell Bark Hickory	
45	Picea abies	Norway Spruce	

		Black Walnut	
33A	Ulmus americana	American Elm	
34A	Fraxinus americar	White Ash	
46	Juglans nigra	Black Walnut	

		Red Oak	
	Prunus serotina	Black cherry	
	Pinus strobus	White Pine	
50	Juglans nigra	Black Walnut	

	I=	T	
	Pinus sylvestris	Scots Pine	
	Pinus nigra	Austrian Pine	
	Pinus nigra	Austrian Pine	
54	Pinus sylvestris	Scots Pine	

55		Scots Pine	
56		Big Shell Bark Hickory	
57	Thuja occidentalis	Eastern White Cedar	
58	Thuja occidentalis	Eastern White Cedar	

59	Pinus sylvestris	Scots Pine	
60	Pinus nigra	Austrian Pine	
61	Pinus sylvestris	Scots Pine	
35A	Juglans nigra	Black Walnut	

		Big Shell Bark Hickory	
37A	Carya laciniosa	Big Shell Bark Hickory	
62	Pinus sylvestris	Scots Pine	
63	Pinus sylvestris	Scots Pine	

	Pinus nigra	Austrian Pine	
	Pinus nigra	Austrian Pine	
		Scots Pine	
67	Pinus nigra	Austrian Pine	

		Scots Pine	
	Pinus sylvestris	Scots Pine	
	Pinus nigra	Austrian Pine	
38A	Carya laciniosa	Big Shell Bark Hicko	DITY

39A	Carya laciniosa	Big Shell Bark Hickory	
40A	Carya laciniosa	Big Shell Bark Hickory	
71	Quercus alba	White Oak	
72	Quercus alba	White Oak	

	Quercus rubra	Red Oak	
	Juglans nigra	Black Walnut	
75	Quercus alba	White Oak	
76	Fraxinus americana	White Ash	

	Pinus nigra	Austrian Pine	
	Pinus nigra	Austrian Pine	
43A	Pinus nigra	Austrian Pine	
44A	Pinus nigra	Austrian Pine	

45A	Ulmus pumila	Siberian Elm	
	Ulmus pumila	Siberian Elm	
47A	Ulmus pumila	Siberian Elm	
48A	Ulmus pumila	Siberian Elm	

			·
	Ulmus pumila	Siberian Elm	
50A	Ulmus pumila	Siberian Elm	
	Ulmus pumila	Siberian Elm	
52A	Ulmus pumila	Siberian Elm	

	Ulmus pumila	Siberian Elm	
	Ulmus pumila	Siberian Elm	
	Ulmus pumila	Siberian Elm	
61A	Ulmus pumila	Siberian Elm	

	T	1	
	Pinus nigra	Austrian Pine	
78	Ulmus pumila	Siberian Elm	
79	Quercus alba	White Oak	
80	Quercus alba	White Oak	

			Service Control of the Control of th
	hippocastanum	Horsechestnut	
	Fraxinus americana	White Ash	
		Scots Pine	
84	Pinus sylvestris	Scots Pine	

85	Pinus sylvestris	Scots Pine	
	Populus deltoides		
	Populus deltoides		
88	Picea abies	Norway Spruce	

	Acer platanoides		
90	Morus alba	White Mulberry	
91	Pinus sylvestris	Scots Pine	
92	Pinus nigra	Austrian Pine	

93	Pinus sylvestris	Scots Pine	
94	Pinus nigra	Austrian Pine	
95	Cercidiphyllum japonicum	Katsura	
96	Betula nigra	River Birch	

			110.18 277.27
	Acer rubrum	Red Maple	
	Pinus strobus	White Pine	
99	Pinus strobus	White Pine	
100	Pinus strobus	White Pine	

101	Fraxinus	White Ash	
	americana		
102	Quercus palustris	Pin Oak	Section of the sectio
1 .02	acciect paresins	I III OGR	
103	A		
103	Acer rubrum	IRed Oak I	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
103	Acer rubrum	Red Oak	
		Red Oak Siberian Elm	

105	Metaseauoia	Dawn Redwood	
	glyptostroboides		
	Pinus strobus	White Pine	
		White Pine	
108	Pinus nigra	Austrian Pine	

	T	In the second second	
109	Juglans nigra	Black Walnut	
110	Ulmus pumila	Siberian Elm	
111	Chamaecyparis sp.	Cypress	
112	Taxus cuspidata	Japanese Yew	

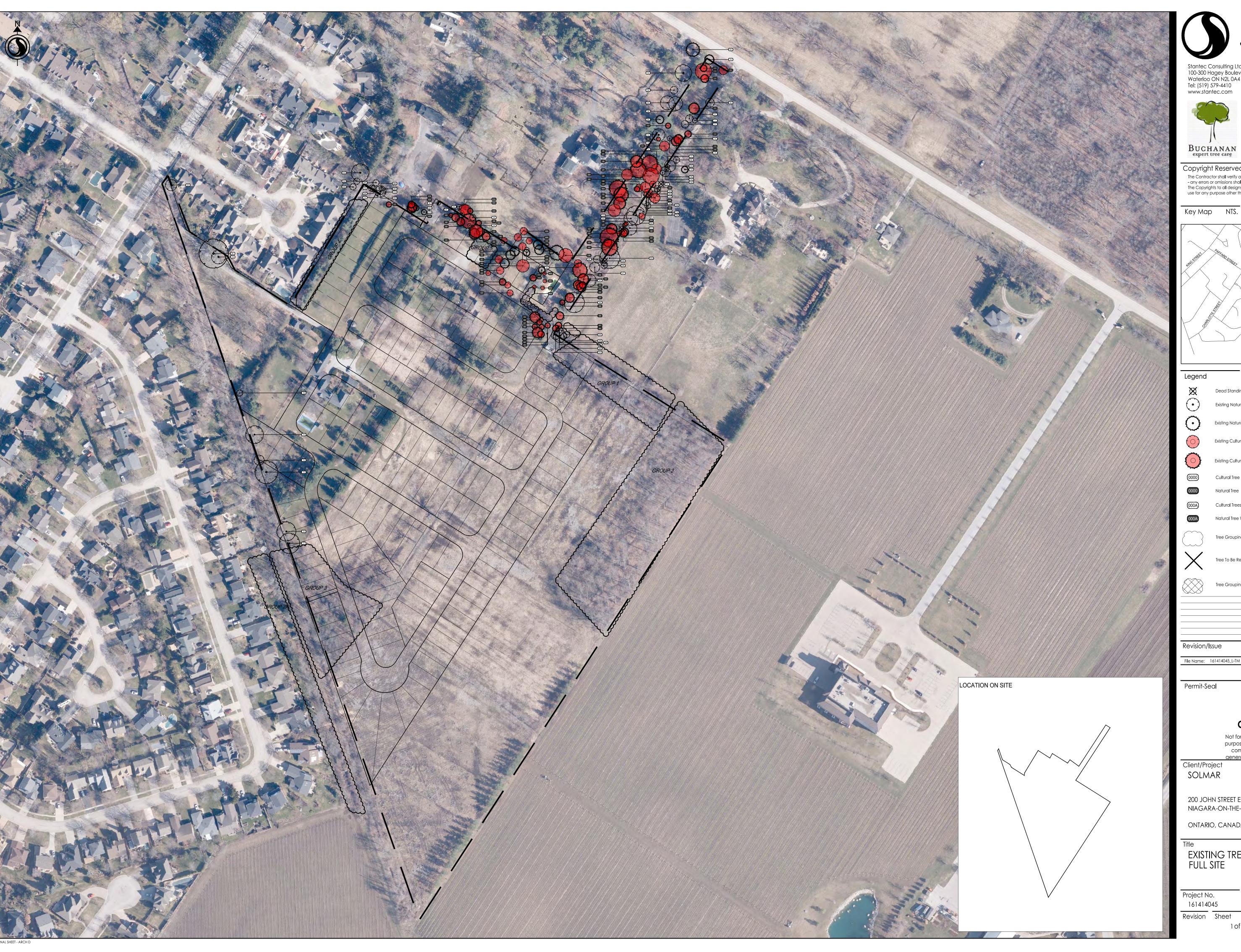
1.47	Comment of the state of	IZ = -= t = 1	
		Kentucky Coffee-Tree	
	Betula papyrifera		
		Austrian Pine	
62A	Chamaecyparis sp.	Cypress	

	sp.	Cypress	
	Acer platanoides		
65A	Acer platanoides	Norway Maple	
BW1	Buxus sp.	Boxwood	

	I_	T	30.000
BW2	Buxus sp.	Boxwood	
	Buxus sp.	Boxwood	
BW4	Buxus sp.	Boxwood	

APPENDIX D

Preliminary Drawings (Not For Construction)







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Key Map NTS.



Dead Standing Tree Existing Natural Deciduous Tree

Existing Natural Coniferous Tree

Existing Cultural Coniferous Tree

Existing Cultural Deciduous Tree

Cultural Tree

Cultural Trees Within 5m on Adjacent Properties

Natural Tree Within 5m on Adjacent Properties Tree Grouping

Tree To Be Removed

Tree Grouping To Be Removed

Revision/Issue

File Name: 161414045_L-TM

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ONTARIO, CANADA

EXISTING TREE INVENTORY PLAN **FULL SITE**

Project No. Scale 161414045 Drawing No.

L-900 Revision Sheet







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Key Map NTS.



Dead Standing Tree Existing Natural Deciduous Tree

Existing Natural Coniferous Tree

Existing Cultural Deciduous Tree

Existing Cultural Coniferous Tree

Cultural Tree Natural Tree

Cultural Trees Within 5m on Adjacent Properties

Natural Tree Within 5m on Adjacent Properties

Tree Grouping

Tree To Be Removed

Tree Grouping To Be Removed

Revision/Issue
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 DW/WB
 2021.04.09

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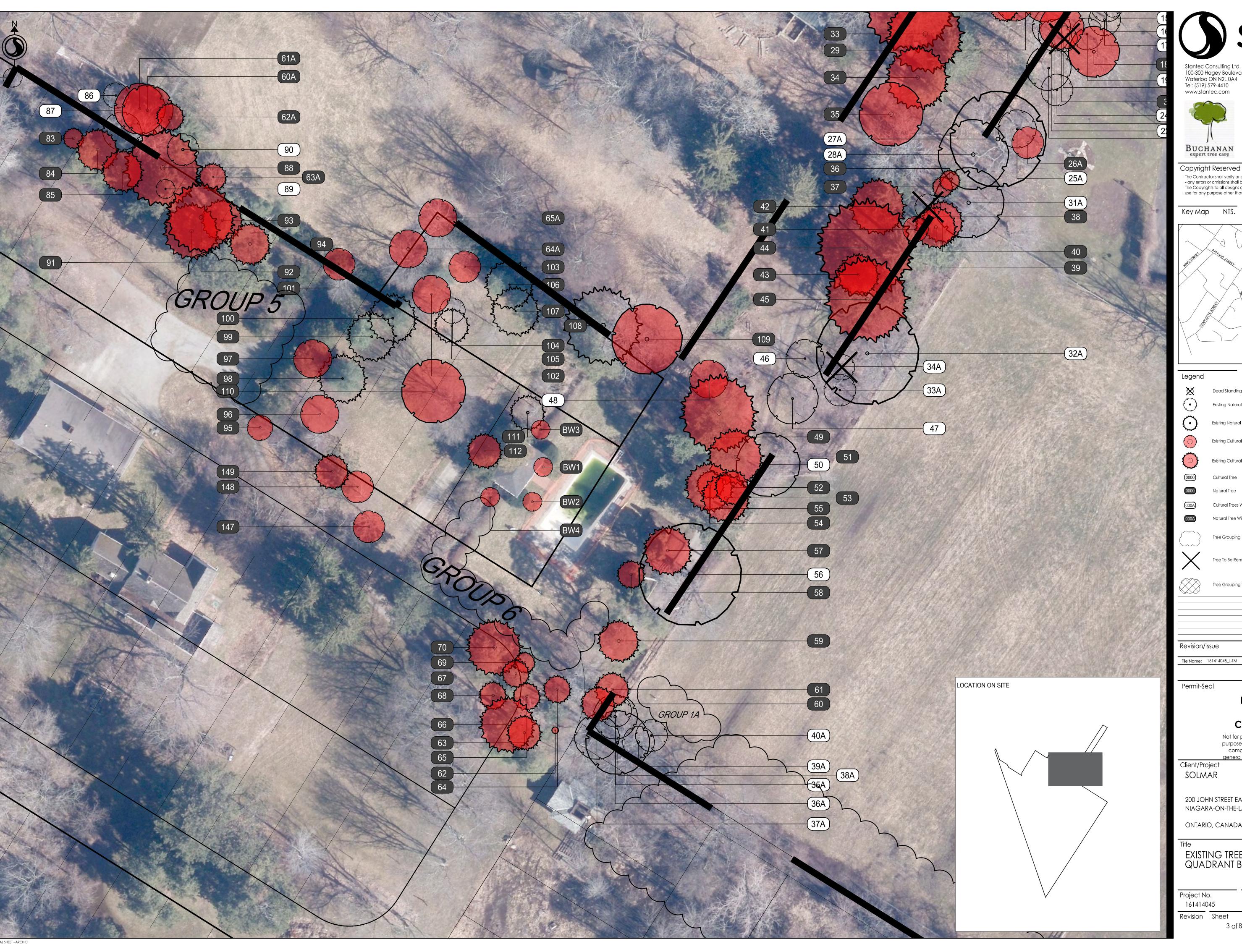
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ONTARIO, CANADA

EXISTING TREE INVENTORY PLAN QUADRANT A

Project No. 161414045 Drawing No.

L-900A Revision Sheet 2 of 8







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Key Map NTS.



Dead Standing Tree Existing Natural Deciduous Tree

Existing Natural Coniferous Tree

Existing Cultural Coniferous Tree

Existing Cultural Deciduous Tree

Cultural Tree Natural Tree

Cultural Trees Within 5m on Adjacent Properties

Natural Tree Within 5m on Adjacent Properties

Tree Grouping

Tree To Be Removed

Tree Grouping To Be Removed

Revision/Issue

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ONTARIO, CANADA

EXISTING TREE INVENTORY PLAN QUADRANT B

Project No. Scale 161414045 1:250 Revision Sheet Drawing No.

L-900B







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Key Map NTS.



Dead Standing Tree Existing Natural Deciduous Tree

Existing Natural Coniferous Tree Existing Cultural Deciduous Tree

Existing Cultural Coniferous Tree

Cultural Tree Natural Tree

> Cultural Trees Within 5m on Adjacent Properties Natural Tree Within 5m on Adjacent Properties

Tree Grouping

Tree To Be Removed

Tree Grouping To Be Removed

Revision/Issue
 KB
 DW/WB
 2021.04.09

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ONTARIO, CANADA

EXISTING TREE INVENTORY PLAN QUADRANT C

Project No. Scale 161414045 Revision Sheet Drawing No.
L-900C



Tag #	Botanical Name	Common Name	DBH(cm)	Health (Overall Condition) Canopy Dripline Diameter (m)	Cultural (C) or Natural (N)	Age	62 63 64 65	Pinus sylvestris Pinus sylvestris Pinus nigra Pinus nigra	Scots Pine Scots Pine Austrian Pine Austrian Pine	21 41 36 39	1 1 5 1 5 1 4 0 4
1.	Juglans nigra	l Black Walnut	. 83	3 13	N	100	66	Pinus sylvestris	Scots Pine	49	0 8
2A	Juglans nigra	Black Walnut	59	3 11.5	N	40	67	Pinus nigra	Austrian Pine	33	0 4
3A	Quercus alba	White Oak	, 41	3 5.5	N	40	68 69	Pinus sylvestris Pinus sylvestris	Scots Pine Scots Pine	. 2 9 36	1 . 4
4A	Carya laciniosa	Big Shell Bark Hickory	, 63	3 11.5	N	100	70	Pinus nigra	Austrian Pine	56	2 8
5A 6A	Pinus strobus Pinus strobus	White Pine White Pine	, 37 44	3 6	2 2	20 40	38A	Carya laciniosa	Big Shell Bark Hickory	43	3 10
7A	Pinus strobus	White Pine	49	2 7	N 2	40	39A	Carya laciniosa	Big Shell Bark Hickory	37	3 5
1	Gleditsia triacanthos	Honey Locust	73	3 13	N N	100	40A 71	Carya laciniosa Quercus alba	Big Shell Bark Hickory White Oak	29 82	3 . 5 2 10
2	Pinus strobus	White Pine	36	2 5	C	30	71	Quercus alba	White Oak	76	2 15
3	Pinus sylvestris Pinus sylvestris	Scots Pine Scots Pine	. 38 38		C	30 30	73	Quercus rubra	Red Oak	113	1 18
5	Fraxinus americana	White Ash	38		7	30	74	Juglans nigra	Black Walnut	44	3 . 8
8^	Prunus serotina	Black Cherry	54	1 /	N	30	75	Quercus alba	White Oak	74	1 14
6	Pinus strobus	White Pine	56	2 8	C	30	76 41A	Fraxinus americana Pinus nigra	White Ash Austrian Pine	32 28	1 4
8	Betula papyrifera	Paper Birch Paper Birch	28 29	2 4 6	2 2	20 20	42A	Pinus nigra	Austrian Pine	32	1 4
9	Betula papyrifera Acer saccharinum	Silver Maple	32	3 6	N	20	43A	Pinus nigra	Austrian Pine	45	1 7
10	Aesaulus hippoaastanum	Horsechestnut	22	3 6	N	20	44A	Pinus nìgra	Austrian Pine Siberian Elm	, 38	1 . 7
11	Pinus strobus	White Pine	50	2 7	C	40	45A 46A	Ulmus pumila Ulmus pumila	Siberian Elm	. 59 21	2 . 7
12	Pinus strobus Pinus strobus	White Pine White Pine	. 48 24	7		40 30	47A	Ulmus pumila	Siberian Elm	22	2 3
14	Allanthus allissima	tree of Heaven	31	4	7 (10	48A	Ulmus pumila	Siberian Elm	23	2 3
15	Fraxinus americana	White Ash	96	0 10	N	/0	49A	Ulmus pumila	Siberian Elm Siberian Elm	40 38	2 5
16	Pinus strobus	White Pine	31	0 3	9	30	50A 51A	Ulmus pumila Ulmus pumila	Siberian Elm	36	2 5
1/	Salix nigra Pinus strobus	Black Willow White Pine	. 10/ 5/	2 8	CZ	50 40	52A	Ulmus pumila	Siberian Elm	91	2 14
19	Pinus stroibus	While Pine	42	2 4	2 2	20	53A	Ulmus pumila	Siberian Elm	24	2 . 5
20	Pinus strobus	White Pine	88	3 12	C	100	54A 60A	Ulmus pumila Ulmus pumila	Siberian Elm Siberian Elm	24 36	2 5
21	Prunus serotina	Black Cherry	60	0 3	N	50	61A	Ulmus pumila	Siberian Elm	40	2 8
9A 10A	Carya laciniosa Juglans nigra	Big Shell Bark Hickory Black Walnut	30	3 5	N	25 40	77	Pinus nigra	Austrian Pine	33	1 4
10A 11A	Picca abies	Norway Spruce	39	2 5	N	40	78	Ulmus pumila	Siberian Elm	30	2 4
12A	Quercus rubra	Red Oak	46	3 8	С	40	79 80	Quercus alba Quercus alba	White Oak White Oak	, 92 119	3 . 11. 3 . 23
13A	Aesculus hippocastanum	Horsechestnut	. 22	1 4	N	20	81	Aesculus hippocastanum	Horsechestnut	66	2 9
14A 22	Pronos seratina Pronos seratina	Black Cherry Black Cherry	. 38 89	1 3	2 C	30 60	82	Fraxinus americana	White Ash	23	0 3
23	Ailanthus altissima	Tree of Heaven	79		0 2	40	83	Pinus sylvestris	Scots Pine	44	0 3
15٨	Ailanthus altissima	tree of Heaven	24	3	N	10	84 85	Pinus sylvestris	Scots Pine Scots Pine	, 43 39	0 . 6
16/	Ailanthus altissima	tree of Heaven	34	5	N	20	86	Pinus sylvestris Populus deltoides	Cottonwood	24	1 4
1//	Ailanthus altissima	tree of Heaven	. 29 45	1 5	N (;	20 40	87	Populus deltoides	Cottonwood	35	1 6
18A 19A	Oymnocladus dioicus Oymnocladus dioicus	Kentucky Cottee Tree Kentucky Cottee Tree	25	2 5	2	20	88	Picea abies	Norway Spruce	68	2 11
20∧	Juglans nigra	Black Walnut	31	o o	N	20	89	Acer platanoides	Norway Maple	22	2 3
21A	Ailanthus altissima	Tree of Heaven	34	1 5	N	20	90 91	Morus alba Pinus sylvestris	Mulberry Scots Pine	61	2 8
22A	Juglans nigra	Black Walnut Red Oak	26 28	2 6	N	20 1.5	92	Pinus nigra	Austrian Pine	65	1 10
23A 24A	Quercus rubra Ailanthus altissima	Tree of Heaven	. 28 21	2 5	N	10	93	Pinus sylvestris	Scots Pine	43	1 6
25A	Juglans nigra	Black Walnut	31	3 6	N	20	94	Pinus nigra	Austrian Pine	. 48	1 6
26A	Acer platanoides	Norway Maple	36	1 5	C	20	95 96	Cercidiphyllum japonicum Betula nigra	Katsura River Birch	44 31	3 6
27A	Juglans nigra	Black Walnut Red Oak	63	3 15	2 2	60 40	97	Acer rubrum	Red Maple	20	2 6
28A 24	Querous rubra Allanthus allissima	tree of Heaven	5/ 24	1 5	, , , , , , , , , , , , , , , , , , ,	20	98	Pinus strobus	White Pine	25	3 , 7
25	Aesculus hippocastanum	Horsechestnut	/6	2 13	c	100	99	Pinus strobus	White Pine White Pine	. 30	3 , 7
26	Aesculus hippocastanum	Horsecheshot	59	2 8	C	100	100 101	Pinus strobus Fraxinus americana	White Ash	, 30 27	0 5
27 28	Pinus strobus Picea abies	White Pine Norway Spruce	. 80 74	3 12	C	100	102	Quercus palustris	Pin Oak	29	3 6
29A	Quercus alba	White Oak	43	3 9	c c	50	103	Acer rubrum	Red Oak	23	3 5
30A	Picea abies	Norway Spruce	78	3 13	C	100	104 105	Ulmus pumila	Siberian Elm Dawn Redwood	21 25	3 . 4
29	Aesculus hippocastanum	Horsechestnut	79	0 2	C	100	103	Metasequoia glyptostroboides Pinus strobus	White Pine	23	3 . 3
30 31	Tilja cordata Abies pseudotsuga	Little Leaf Linden Douglas Fir	, 24 43	7 7	C	20 100	107	Pinus strobus	White Pine	21	3 7
32	Tilia cordata	Little Leaf Linden	29	3 6	i c	20	108	Pinus nigra	Austrian Pine	71	1 11
33	Picea ables	Norway Spruce	73	3 11	C	100	109	Juglans nigra	Black Walnut Siberian Elm	. 61	2 . 11
34	Picea ables	Norway Spruce	61	2 9	C	100	110	Ulmus pumila Chamaecyparis sp.	Cypress	53 42	3 5
35	Acsoulus hippocastanum	Horsechestnut	/5	1 10	Ç	100	112	Taxus cuspidata	Japanese Yew	21	2 5
36 37	Abies pseudotsuga Abies pseudotsuga	Douglas Fir Douglas Fir	25 25	$\frac{2}{2}$ $\frac{3}{3}$	0	20 20	147	Gymnocladus dioicus	Kentucky Coffee-Tree	32	3 5
38	Pinus strolbus	White Pine	50	0 0	<u> </u>	100	148 149	Betula papyrifera Pinus nigra	Paper Birch Austrian Pine	23	3 5
39	Pinus strobus	White Pine	51	2 6	C	100	62A	Chamaecyparis sp.	Cypress	26	3 4
40 41	Pinus strobus Aesculus hippocastanum	White Pine Horsechestnut	. 45 27	2 6	C: N	100 20	63A	Chamaecyparis sp.	Cypress	26	3 . 4
47	Aesculus hippocastanum Picea abies	Norway Spruce	63	3 8		100	64A	Acer platanoides	Norway Maple	50	1 6
43	Picea abies	Norway Spruce	47	3 6	i c	100	65A BW1	Acer platanoides Buxus sp.	Norway Maple Boxwood	50 19 & 14	1 6
44	Piaca abies	Norway Spruce	66	3 14	С	100	BW2	Buxus sp.	Boxwood	31	3
31A 45	Carya laciniosa	Big Shell Bark Hickory Norway Spruce	. 55 62	3 11 12	ZC	100	BW3	Buxus sp.	Boxwood	15	3
32A	Picea abies Juglans nigra	Norway Spruce Black Walnut	, 62 52	3 12	N	100 75	BW4	Buxus sp.	Boxwood	16	3
33A	Ulmus americana	American Elm	25	1 5	N	1.5					
34A	Fraxinus americana	White Ash	22	0 0	2	10					
46 47	Juglans nigra	Black Walnut Red Oak	27 29	3 6 8	2 2	5 25					
48	Quercus rubra Prunus serotina	Black cherry	35	1 6	2 2	30					
49	Pinus strobus	White Pine	/0	2 11	6	100					
50	Juglans nigra	Black Walnut	36	2 10	N	25					
51 52	Pinus sylvestris	Scots Pine Austrian Pine	48	2 8 5	C	50 50					
52 53	Pinus nigra Pinus nigra	Austrian Pine Austrian Pine	32 45	0 5	c.	50 50					
54	Pinos vigra Pinos sylvestris	Scots Pine	46	2 7	C	50					
55	Pinus sylvestris	Soots Pine	34	1 4	C	50					
56 67	Carya laciniosa	Big Shell Bark Hickory	. 60	3 16	Z (100					
57 58	Thuja occidentalis Thuja occidentalis	Fastern White Cedar Fastern White Cedar	42	2 4) (100					
59	Pinus sylvestris	Scots Pine	53	2 6	C	100					
60	Pinus nigra	Austrian Pine	46	0 5	С	100					
	Discourse and the secondaries	Scols Pine	39	1 5	C	100					
61	Pinus sylvestris	Diamete Marenter A			k i	1.6					
	Juglans nigra Carya laciniosa	Black Walnut Big Shell Bark Hickory	35 43	1 5	N N	15 75					

TREE INVENTORY CONDUCTED ON MARCH 8TH & 10TH 2021 BY: BILL BUCHANAN, HBSCFORESTRY, ISA BOARD CERTIFIED MASTER ARBORIST NY-0392B DAVID WAVERMAN, CSLA, OALA, CAHP FRANK SMITH, MA KIMBERLEY BEECH, MLA



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Key Map NTS.



Dead Standing Tree Existing Natural Deciduous Tree

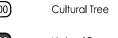


Existing Cultural Deciduous Tree



Existing Cultural Coniferous Tree

Natural Tree Within 5m on Adjacent Properties



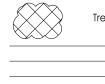
Natural Tree











Tree Grouping To Be Removed

Revision/Issue		Ву	Appd	YYYY.MA
File Name: 161414045_L-TM	KB		DW/WB	2021.04

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ONTARIO, CANADA

EXISTING TREE INVENTORY PLAN TREE INVENTORY CHARTS

Project No. Scale 161414045 Revision Sheet Drawing No. L-900E

roup#	Botanical Name	Common Name	Percentage	Approximate Age (Years)
1 A	Carya laciniosa	Shell bark Hickory	98	5
IA	Platanus occidentalis	Syacmore (1 tree)	2	3
	Populus deltoides	Cottonwood (1 tree)	2	
1	Fraxinus americana	White Ash	49	30
	Acer saccharinum	Silver maple	49	
	Fraxinus americana	White Ash	35	
	Quercus alba	White Oak	15	
	Tilia americana	Linden	2	
	Prunus sp.	Sweet Cherry	2	
2A	Pyrus sp.	Pear	1	20-50
	Carya ovata	Hickory	5	
	Ulmus americana	Elm	10	
	Juglans nigra	Black Walnut	20	
	Acer negundo	Manitoba Maple	10	
	Quercus alba	White Oak	20	
	Crataegus sp.	Hawthorn	5	
	Fraxinus americana	White Ash	10	
	Ulmus americana	Elm	5	
•	Carya ovata	Shagbark Hickory	35	00.150
2	Quercus palustris	Pin Oak	5	20-150
	Populus deltoides	Cottonwood	5	
	Prunus serotina	Black Cherry	5	
	Tilia americana	Linden	5	
	Gleditsia triacanthos	Honey Locust	5	
	Pinus strobus	White Pine	7	
	Picea abies	Norway Spruce	3	
•	Fraxinus americana	White Ash	65	22.75
3	Quercus alba	White Oak	10	20-75
	Quercus palustris	Pin Oak	10	
	Juglans nigra	Black Walnut	5	
	Pinus nigra	Austrian Pine	80	
	Picea pungens	Blue Spruce	5	
	Pinus strobus	White Pine	5	
4	Ulmus pumila	Siberian Elm	2	27
	Pinus sylvestris	Scots Pine	3	
	Picea glauca	White Spruce	3	
	Salix discolor	Pussy Willow	2	
5	Syringa sp.	Lilac	100	Exisiting trunks 30 years, possible regeneration
6	Prunus nigra	Canadian Plum	100	100

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Key Map NTS.



Existing Natural Deciduous Tree

Dead Standing Tree

Existing Natural Coniferous Tree

Existing Cultural Deciduous Tree



Existing Cultural Coniferous Tree



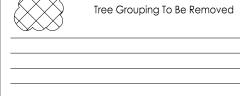
Natural Tree Cultural Trees Within 5m on Adjacent Properties

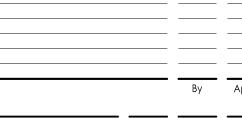


Natural Tree Within 5m on Adjacent Properties









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EXISTING TREE INVENTORY PLAN TREE INVENTORY CHARTS

Project No. Scale 161414045 Revision Sheet Drawing No. L-900F





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Dead Standing Tree Existing Natural Deciduous Tree

Existing Cultural Coniferous Tree

Natural Tree

Cultural Trees Within 5m on Adjacent Properties

Natural Tree Within 5m on Adjacent Properties

Tree To Be Removed

Tree Grouping To Be Removed

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ONTARIO, CANADA

EXISTING TREE INVENTORY PLAN TREE PRESERVATION STATUS

Drawing No.
L-901