



Kettle Creek Golf Course, Port Stanley

Tree Inventory and Protection Plan

Prepared for:

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Project No. 2982 | March 2025



NATURAL RESOURCE SOLUTIONS INC.

Aquatic, Terrestrial and Wetland Biologists

Kettle Creek Golf Course, Port Stanley

Tree Inventory and Protection Plan

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Report submitted on March 5, 2025



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1.0 Introduction

Natural Resource Solutions Inc. (NRSI) was retained by landowner James Glover to complete a Tree Inventory and Protection Plan (TIPP) for a proposed residential development located at 320 Carlow Road, Port Stanley, Ontario, referred to herein as the subject property (Map 1). The larger study area includes adjacent lands and contiguous natural features.

The subject property is approximately 30ha in size and is currently an active golf course known as the Kettle Creek Golf and Country Club, located within the Municipality of Central Elgin, County of Elgin. The proposed residential development consists of single detached houses, condos, roadways, parkland, open space, and a stormwater management pond. This TIPP has been completed in accordance with the Elgin County Woodlands Conservation By-Law 05-03 (2021). The subject property borders Carlow Road to the east, a proposed subdivision to the north, a subdivision currently under construction to the south, and agricultural lands and woodlands to the west.

This TIPP was completed in consideration of Municipality of Central Elgin Official Plan (2023), Elgin County Official Plan (2015), and the Elgin County Woodlands Conservation By-Law 05-03 (2021). The By-Law states that:

“no person, through their own actions or through any other person’s actions, shall harvest, destroy, or injure any living tree unless the person who is harvesting, destroying, or injuring trees has done so in accordance with Good Forestry practices and within the Circumference Limit.”

A proposed development on the subject property would fall under the exemptions identified in Section 3 d) of the By-Law, which states that the By-Law does not apply to:

“The injuring or destruction of trees imposed as a condition to the approval of site plan, a plan of subdivision or a consent under section 41, 51, or 53, respectively, of the Planning Act or as a requirement of a Site Plan agreement or subdivision agreement entered into under those sections.”

As per The Woodlands Conservation By-Law, any tree removal on or near sloped areas may require a permit from Elgin County.

There are areas of Significant Woodland, as defined by the Official Plan of the County of Elgin (2015) and the Municipality of Central Elgin Official Plan (2023), within the subject property and larger study area. The study area occurs in the Urban Settlement Area, as per the Municipality of Central Elgin Official Plan (2023). As shown on Schedule A2, woodlands occur in the subject property and study area. Only trees that directly impede the construction of buildings and services may be removed, and when trees are removed, they shall be compensated through replacement by other trees in sufficient amounts and maturity (Central Elgin 2023). As well, the protection, maintenance, and enhancement of existing woodlands is required, and setbacks from Significant Woodlands shall occur (Central Elgin 2023).

This report provides the findings of the tree inventory, analysis of proposed development against the trees' overall health and structural integrity, protection measures for trees to be retained, and recommended mitigation and compensation measures. Tree inventory data and mapping has been compared to the layout of the proposed concept plan that is current at the time of writing of this report, and prepared by Monteith Brown Planning Consultants (MBPC; February 6, 2025), as shown on Map 2.

2.0 Tree Inventory and Methodology

A comprehensive inventory and assessment of trees within the subject property was completed by NRSI Certified Arborists between July 7, 2023 and January 23, 2024. Trees located at the boundary of the subject property, as well as trees adjacent to the subject property with the potential to be impacted by the proposed development, were also included in the inventory and assessment. Trees within the woodlands on the subject property, which are proposed to be protected with 10m buffers from the dripline, were not inventoried.

The inventory included the tagging and assessment (overall health and potential for structural failure) of all trees $\geq 10\text{cm}$ in diameter at breast height (DBH) within and adjacent to the limits of grading associated with the proposed development. The locations of trees inventoried were subsequently surveyed by Certified Arborists using GPS units, providing mapping-grade, sub-meter accuracy. A complete list of trees that were assessed and their overall health and potential for structural failure is included in Appendix I.

The following information was recorded for each tree:

- Tree location;
- Tag number;
- Species (common and scientific name);
- DBH (centimetres) per stem $>10\text{cm}$;
- Number of stems;
- Crown radius (metres);
- General health (excellent, good, fair, poor, very poor, dead);
- Potential for structural failure (improbable, possible, probable, imminent);
- Potential cavities that could be used by Species at Risk (SAR) bats; and
- General comments (i.e., disease, aesthetic quality, development constraints, prune to reduce structural failure, sensitivity to development, etc.).

The overall health and potential for structural failure of each tree was assessed based on the criteria outlined in Appendix II (Dunster 2009; Dunster et al. 2013). NRSI has exercised a reasonable standard of care, skill and diligence as would be customarily and normally provided in carrying out these assessments. The assessments have been made using accepted arboricultural techniques. These include a visual examination of each tree for structural defects, scars, external indications of decay such as fungal fruiting bodies, evidence of insect attack, the condition of any visible root structures, the direction of stem lean (if any), the general condition

of the trees and the surrounding site, and the current or planned proximity of property and people. None of the trees examined on the property were dissected, cored, probed, or climbed and detailed root crown examinations involving excavation were not undertaken. The conditions for this assessment, including restrictions, professional responsibility, and third-party liability can be found in Appendix III.

3.0 Summary of Tree Inventory Findings

In total, 1124 trees were inventoried, comprising 48 species, the majority of which are located within the golf course. Of the tree species assessed, 26 (54%) are native and 22 (46%) are non-native.

None of the tree species observed are regionally significant or protected under the *Species at Risk Act* (2002) or *Endangered Species Act* (2007).

A complete list of inventoried trees is provided in Appendix I and tree locations are shown on Map 2. Appendix IV includes both a list of tree species inventoried, their health, and whether they are native or non-native, as well as a summary of the overall health of the trees inventoried and their potential for structural failure.

4.0 Tree Removal and Retention Analysis

The existing overall health and/or potential for structural failure was compared to the proposed concept plan to determine whether inventoried trees would be impacted by the proposed undertaking. Avoidance, mitigation, and protection measures for trees were examined to determine which trees would be impacted and which could be retained. The retention analysis presented below is based on the proposed concept plan prepared by MBPC (February 6, 2025; Map 2).

Many of the inventoried trees are considered to be boundary trees due to their main stem overlapping the subject property and an adjacent property. Removal, or injury (including to roots) of boundary or off-site trees will require the permission of all owners involved, as per the *Forestry Act* (R.S.O. 1990, c. F.26). If the main stem of any tree is located on multiple properties, all owners of those properties must be consulted before any tree removal occurs. NRSI is not aware of receipt of approval for these removals at this time, and our recommendation for removal should not be inferred to reflect any approval from any parties.

A total of 905 trees are anticipated to be removed based on the extent of the proposed development, and/or due to their health and potential for structural failure. The majority of the trees proposed for removal are in poor to good health with an improbable potential for structural failure, and range in size from 10cm to 114.8cm DBH.

A total of 219 trees are anticipated to be retained, as shown on Map 2. This includes 5 trees that may require pruning based on the proximity to development, or to reduce branch failure and encourage longer term structural integrity.

5.0 Tree Protection Measures and Recommended Mitigation

During the construction process, efforts will be made to protect the health and root systems of trees that have been assessed for retention in this plan. The Client, or their designate (e.g. construction inspector or site manager), must ensure that all employees and contractors are informed of the meaning and importance of tree protection measures and the ways in which trees to be retained are identified.

5.1 Prior to Construction and Site Alteration

Tree Protection Fencing (TPF) should be situated where trees are adjacent to the limit of disturbance/grading. A combination Erosion and Sediment Control (ESC) fence and TPF may be used where appropriate.

The TPF should be installed and maintained by the developer or its designate. Prior to any construction activities (rough grading, vegetation and tree removal), the TPF should be installed at least 1m beyond the dripline of the trees to be retained, where possible, in order to protect the root systems. Prior to works commencing on-site, fence installation and location shall be inspected by a Certified Arborist. In the absence of specifications from the County of Elgin or Municipality of Central Elgin, it is recommended that TPF should be at least 1.2m high on t-bar posts, topped with 2x4 planks with or orange plastic snow fence, or equivalent as approved by the Town.

5.1.1 Tree Removal Timing Windows

Migratory Birds

The removal of trees and vegetation has the potential to disrupt nesting birds. The schedule of on-site work must consider the *Migratory Birds Convention Act* (MBCA) (Government of Canada 2019) construction window. All tree and vegetation removal should occur outside of the core nesting period for migratory birds as established by the Canadian Wildlife Service (CWS) (2012). This period extends from approximately April 1 – August 31.

Raptors

The eggs and nests of all species of wild birds are also protected under the *Fish and Wildlife Conservation Act* (Government of Ontario 1997). This includes species identified as raptors (eg. Hawks and owls), which are not protected under the *Migratory Birds Convention Act*. It should be noted that some species of raptors breed and nest during the winter months in Ontario. Although no raptors or stick nests were observed during site visits, the forested

communities and adjacent areas within the subject property may provide suitable raptor nesting habitat. Therefore, care and consideration of the possible presence of winter nesting species should be executed should tree removal occur in the winter.

Species at Risk Bats

Northern Myotis (*Myotis septentrionalis*) is a SAR bat listed as Endangered both provincially and federally and Eastern Small-footed Myotis (*Myotis leibii*) is a SAR bat listed as Endangered provincially but not federally (MECP 2022, Government of Canada 2022). Both species are reported from the vicinity of the study area (Dobbyn 1994). These species and their habitats are protected by the provincial ESA. Habitat requirements for SAR bats in Ontario vary by season and consist of overwintering habitat, summer habitats, and swarming habitats (ECCC 2018). Overwintering or swarming habitats are not present within the subject property. Summer habitats include roosting habitat for maternity colonies and day roosts, as well as foraging habitat (ECCC 2018), which may be present within the subject property.

Based on recent guidance provided by the MECP, the removal of isolated trees (i.e., those located outside of a distinct treed vegetation community, such as the majority of trees to be removed within the subject property) is considered unlikely to cause significant impacts to SAR bats, and is therefore not expected to contravene the ESA; the MECP no longer recommends or supports bat habitat assessments or exit surveys that target individual trees (A. McAllister, pers. comm. 2020). Harm or harassment of any SAR bats that may be using these trees can be avoided as long as the trees are removed during the appropriate window; it is therefore recommended that all tree removals are avoided between April 1 – September 31, which coincides with the bat active season.

5.2 During Construction

The recommended TPF is to be maintained by the Client or its agents during the entire construction period to ensure that trees being retained (including their root systems) are protected. Minor construction damage (e.g., damage to limbs or roots) to trees to be retained must be pruned using proper arboricultural techniques. Root pruning, if necessary, should be performed by a Certified Arborist using an appropriate implement to make proper pruning cuts and encourage callous root growth. Should any of the trees intended to be retained be seriously damaged or die as a result of construction activities, the NRSI should be consulted to determine a plan of action, such as treatment or compensation.

Areas protected by TPF shall remain undisturbed and shall not be used for temporary storage, placement or excavation of fill or top soil, the storage of construction materials or equipment, or the storage of debris. Recognizing the root system of a tree often extends well beyond its dripline (i.e., outside the protected area), construction contaminants such as fuels, oils, etc. should be kept clear of areas protected by the TPF.

5.3 Post-Construction

It is recommended that the TPF be removed upon completion of construction activities and adjacent areas are stabilized with a suitable vegetative cover. Removal of TPF and revegetation will permit continued root development for the remaining trees. A Certified Arborist should inspect all retained trees and their rooting area, and recommend remediation work if conditions require it. A post-construction remediation plan may be required if damage to retained trees is noted. Following remediation activities, if needed, a final assessment should be done to ensure all protocols were met, ensuring final project approval.

6.0 Compensation

The Municipality of Central Elgin Official Plan requires that removed trees are compensated through replacement by other trees in sufficient amounts and maturity (Central Elgin 2023). NRSI suggests that all trees proposed to be removed that are in Fair to Excellent condition (comprising 732 trees) should be replaced at a 2:1 ratio, for a total of 1464 trees. These are expected to be planted within buffers and adjacent areas, as needed. Replacement plantings should be installed on the subject property, and are expected to be placed within the woodland and wetland buffers, and perhaps within the stormwater block. Species used for replacement/enhancement plantings should be native to Port Stanley, and the Municipality of Central Elgin encourages the use of native species in landscaping plans (Central Elgin 2023). Invasive species such as Norway Maple (*Acer platanoides*), Tree-of-Heaven (*Ailanthus altissima*), White Mulberry (*Morus alba*) or Sweet Cherry (*Prunus avium*) should be avoided.

It is recommended that any proposed planting plans, should they occur, follow these criteria:

- Be developed by, or reviewed and approved by an Ontario Landscape Architect (OLA) or Certified Arborist;
- Include plantings that are limited to non-invasive species, and native to Port Stanley;
- Include a diversity of trees from several genera to increase disease and pest tolerance and discourage monocultures (no more than 30% from a single genus, or 10% from a single species);
- Include a watering and monitoring plan for 2 years following planting;
- Space trees so as to allow material to reach its ultimate size and form;
- Provide trees with appropriate soil types and soil volumes;
- Avoid Ash species (*Fraxinus spp.*) due to the risk of the emerald ash borer (*Agrilus planipennis*),
- Avoid 'messy trees', such as fruiting trees or poplars (*Populus spp.*) where plantings occur in close proximity to driveways and roadways;
- Include spacing of plant material that accounts for the ultimate size and form of the selected species and also the purpose of the planting, whether it be for screening, shade, naturalizing, rehabilitation, etc.; and
- Provide special attention to location and height of trees in proximity to utilities.

7.0 Conclusion

NRSI was retained by James Glover to complete a tree inventory and Tree Protection Plan (TIPP) for a proposed residential development located at 320 Carlow Road, Port Stanley, Ontario (the subject property).

NRSI Certified Arborists conducted a comprehensive inventory and assessment of trees within the subject property on several visits between July 7, 2023 to January 23, 2024. Trees located at the boundary of the subject property, as well as trees adjacent to the subject property with the potential to be impacted by the proposed development, were also included in the inventory and assessment. A total of 1124 trees belonging to 48 native and non-native species were inventoried and assessed for removal within the subject property and boundaries. Of these, 905 are proposed for removal.

It is recommended that all proposed tree removals occur with consideration to the protection and general timing windows for migratory birds, raptors, and species at risk bats. It is required that written permission from impacted adjacent landowners be sought out and granted in advance of any boundary tree removals. TPF is to be installed prior to any on-site work, in order to provide adequate protection for retained trees and their root systems. In the absence of specifications from the County of Elgin or the Municipality of Central Elgin, it is recommended that fencing conform to the standards of the nearby City of St. Thomas Municipal Tree Preservation By-law (2019).

NRSI suggests that all trees proposed to be removed that are in Fair to Excellent condition (comprising 732 trees) should be replaced at a 2:1 ratio, for a total of 1464 trees. These are expected to be planted within buffers and lands adjacent to buffers or within the stormwater block, if needed.

8.0 References

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Personal Communications

Aurora McAllister, Management Biologist, Permissions and Compliance, Species at Risk Branch, Ontario Ministry of Environment, Conservation and Parks. Email correspondence with Heather Fotherby, Terrestrial and Wetland Biologist, Natural Resource Solutions. June 16, 2020.

Appendix I
Tree Inventory Data

Kettle Creek Golf Course
Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
201	Eastern White Pine	<i>Pinus strobus</i>	Native	1	40			2.0	Possible	Poor	Remove	Relatively extensive crown dieback; minor insect damage
206	Black Cherry	<i>Prunus serotina</i>	Native	1	24			3.0	Improbable	Good	Remove	Growing beneath crown of adjacent pine however crown not suppressed yet; minor dieback
207	Eastern White Pine	<i>Pinus strobus</i>	Native	1	43			2.5	Improbable	Fair	Remove	Light pruning dieback up main stem; slightly asymmetrical crown due to competition with adjacent tree
211	Black Cherry	<i>Prunus serotina</i>	Native	1	11			3.0	Improbable	Fair	Remove	Asymmetrical, slightly suppressed crown; otherwise relatively healthy
213	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	2	12	10		3.0	Improbable	Fair	Remove	Minor crown dieback; bark cracks; slight phototropic growth towards path
215	Eastern White Pine	<i>Pinus strobus</i>	Native	1	35			1.5	Improbable	Poor	Remove	Very narrow, suppressed crown with dieback
217	Eastern White Pine	<i>Pinus strobus</i>	Native	1	32			3.0	Improbable	Fair	Remove	Asymmetrical crown due to competition with adjacent tree; crown otherwise relatively healthy; wound on main stem with some decay
401	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	26			4.0	Improbable	Good	Remove	Landscape tree; light trunk lean; good crown form.
402	Blue Spruce	<i>Picea pungens</i>	Non-native	1	12			1.5	Improbable	Fair	Remove	Lower branches suppressed, declining.
403	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	23			4.5	Improbable	Good	Remove	Erect form; full crown; minor epicormics pruned.
404	Blue Spruce	<i>Picea pungens</i>	Non-native	1	20			3.0	Improbable	Good	Remove	Landscape tree; light trunk sweep; good crown form.
405	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	25			5.0	Improbable	Good	Remove	Landscape tree; good crown and trunk form.
406	Freeman's Maple	<i>Acer x freemanii</i>	Native	1	27			4.0	Improbable	Good	Remove	Codominant at 1.5m; light trunk torsion.
407	Eastern White Pine	<i>Pinus strobus</i>	Native	1	23			2.5	Improbable	Fair	Remove	Fairly sparse crown with twig dieback; defected leader.
408	Norway Maple	<i>Acer platanoides</i>	Non-native	1	29			4.5	Improbable	Good	Remove	Erect form; full dense crown.
409	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	22			3.5	Improbable	Good	Remove	Erect form; full crown; minor epicormics.
410	London Plane-tree	<i>Platanus x hispanica</i>	Non-native	1	26			3.0	Improbable	Fair	Remove	Bow in lower trunk; vigorous crown; longitudinal cavity with good response growth.
411	Norway Maple	<i>Acer platanoides</i>	Non-native	1	21			3.0	Improbable	Fair	Remove	Central branch dieback.
412	White Ash	<i>Fraxinus americana</i>	Native	1	22			4.0	Possible	Fair	Remove	EAB; epicormic growth is still producing buds.
413	Common Hackberry	<i>Celtis occidentalis</i>	Native	1	15			2.5	Improbable	Good	Remove	Growing above sumacs.
414	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	3	12	12	11	2.5	Improbable	Poor	Remove	Crown dieback; wounds along trunk; insect damage.
415	Common Hackberry	<i>Celtis occidentalis</i>	Native	1	25			5.0	Improbable	Good	Remove	Corrected main trunk lean; good crown form.
416	American Basswood	<i>Tilia americana</i>	Native	1	40			5.0	Improbable	Good	Remove	Large full crown; basal shoots; never pruned.
417	White Spruce	<i>Picea glauca</i>	Native	1	40			5.0	Improbable	Excellent	Remove	Excellent trunk and canopy form; good vigor.
418	Norway Maple	<i>Acer platanoides</i>	Non-native	1	19			2.5	Improbable	Good	Remove	Minor basal wound, mostly callused; full crown.
419	Norway Maple	<i>Acer platanoides</i>	Non-native	1	22			2.5	Improbable	Fair	Remove	Half of crown suppressed; old basal shoots heavily callused.
420	Eastern White Pine	<i>Pinus strobus</i>	Native	1	36			4.5	Improbable	Good	Remove	Some dieback in the upper canopy.
421	Blue Spruce	<i>Picea pungens</i>	Non-native	1	23			3.0	Improbable	Good	Remove	Suppressed to one side; healthy foliage.
422	American Basswood	<i>Tilia americana</i>	Native	1	24			4.0	Improbable	Fair	Remove	Light canopy competition; good form.
423	Blue Spruce	<i>Picea pungens</i>	Non-native	1	17			2.0	Improbable	Good	Remove	Healthy full upper crown; lower branches suppressed
424	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			3.0	Improbable	Good	Remove	Light canopy suppression but good vigor and form.
425	Blue Spruce	<i>Picea pungens</i>	Non-native	1	26			3.0	Improbable	Good	Remove	Full crown; good form.
426	Blue Spruce	<i>Picea pungens</i>	Non-native	1	23			2.5	Improbable	Poor	Retain	Twig dieback throughout; estimated 40 live crown.
427	White Spruce	<i>Picea glauca</i>	Native	1	23			3.0	Improbable	Fair	Retain	Asymmetrical canopy; fair vigor.
428	American Basswood	<i>Tilia americana</i>	Native	1	42			5.5	Improbable	Good	Retain	Slight trunk lean north; canopy has corrected.
429	Blue Spruce	<i>Picea pungens</i>	Non-native	1	24			2.0	Improbable	Fair	Retain	In spruce hedgerow; crown fairly suppressed.
430	Blue Spruce	<i>Picea pungens</i>	Non-native	1	26			3.0	Improbable	Fair	Retain	In spruce hedgerow; crown fairly suppressed.
431	Blue Spruce	<i>Picea pungens</i>	Non-native	1	21			2.5	Improbable	Fair	Retain	In spruce hedgerow; crown fairly suppressed.
432	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			4.5	Improbable	Good	Retain	Good vigor.
433	American Basswood	<i>Tilia americana</i>	Native	1	37			5.0	Improbable	Good	Retain	Large full dense crown; previous clearance pruning.
434	White Ash	<i>Fraxinus americana</i>	Native	1	29			5.0	Probable	Poor	Retain	EAB; epicormic branching; lots of loose bark.
435	White Spruce	<i>Picea glauca</i>	Native	1	31			4.0	Improbable	Good	Retain	Healthy full crown, one side partially suppressed.
436	Norway Spruce	<i>Picea abies</i>	Non-native	1	28			5.0	Improbable	Good	Retain	Light asymmetrical crown vigor.
437	White Spruce	<i>Picea glauca</i>	Native	1	14			1.5	Improbable	Poor	Retain	Advanced crown dieback; estimated 80% deadwood.
438	White Spruce	<i>Picea glauca</i>	Native	1	20			3.0	Improbable	Fair	Retain	Necrotic needles; reduced vigor.
439	American Basswood	<i>Tilia americana</i>	Native	1	40			6.0	Improbable	Good	Retain	Vigorous growth; overgrown basal suckers; full dense crown.
440	White Spruce	<i>Picea glauca</i>	Native	1	32			5.5	Improbable	Good	Retain	Asymmetrical canopy.

Kettle Creek Golf Course
Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
441	White Spruce	<i>Picea glauca</i>	Native	2	26	23		4.5	Improbable	Good	Remove	Healthy codominant leaders; twig dieback on suppressed side.
442	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	38			5.0	Improbable	Good	Remove	Good trunk and canopy form.
443	White Spruce	<i>Picea glauca</i>	Native	1	24			3.5	Improbable	Good	Remove	In spruce hedgerow; minor twig dieback throughout.
444	White Spruce	<i>Picea glauca</i>	Native	1	21			3.5	Improbable	Good	Remove	Slight canopy suppression.
445	White Spruce	<i>Picea glauca</i>	Native	1	24			4.0	Improbable	Good	Remove	Good form.
446	American Basswood	<i>Tilia americana</i>	Native	1	58			#VALUE!	Improbable	Good	Remove	Full large crown; codominant leaders with weak attachment.
447	White Spruce	<i>Picea glauca</i>	Native	1	23			3.0	Improbable	Good	Remove	Light asymmetrical canopy vigor.
448	White Spruce	<i>Picea glauca</i>	Native	1	21			2.5	Improbable	Good	Remove	Healthy, fairly tall narrow crown.
449	White Spruce	<i>Picea glauca</i>	Native	1	20			4.0	Improbable	Good	Remove	Good form and vigor.
450	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	31			6.0	Improbable	Good	Remove	Large-spreading crown; vigorous trunk and foliage.
451	Norway Maple	<i>Acer platanoides</i>	Non-native	1	45			5.5	Improbable	Fair	Remove	Light lean south; moderate interior twig dieback.
452	White Spruce	<i>Picea glauca</i>	Native	1	24			2.5	Improbable	Fair	Remove	In spruce hedge; dieback throughout suppressed half of crown.
453	White Spruce	<i>Picea glauca</i>	Native	1	21			2.5	Improbable	Fair	Remove	Asymmetrical canopy vigor.
454	White Spruce	<i>Picea glauca</i>	Native	1	23			4.0	Improbable	Good	Remove	Good form and vigor.
455	American Basswood	<i>Tilia americana</i>	Native	1	40			5.0	Improbable	Good	Remove	Healthy vigorous crown; weak attachments at main branching union; basal shoots.
456	White Ash	<i>Fraxinus americana</i>	Native	1	25			3.0	Probable	Dead	Remove	EAB.
457	White Spruce	<i>Picea glauca</i>	Native	1	28			3.5	Improbable	Good	Remove	Good form.
458	White Spruce	<i>Picea glauca</i>	Native	1	32			3.0	Improbable	Good	Remove	In spruce hedgerow; healthy foliage; partially suppressed.
459	White Spruce	<i>Picea glauca</i>	Native	1	20			2.0	Improbable	Poor	Remove	In spruce hedgerow; small crown, suppressed mid and lower crown.
460	White Spruce	<i>Picea glauca</i>	Native	1	28			3.5	Probable	Good	Remove	Good form.
461	White Spruce	<i>Picea glauca</i>	Native	1	23	20		3.5	Improbable	Fair	Remove	Included bark; suppressed canopy.
462	Norway Spruce	<i>Picea abies</i>	Non-native	1	30			3.5	Improbable	Good	Remove	In spruce hedgerow; old basal and trunk wounds, moderately callused; vigorous foliage.
463	American Basswood	<i>Tilia americana</i>	Native	1	46			6.0	Improbable	Fair	Retain	Slight lean northeast; epicormic branches.
464	White Spruce	<i>Picea glauca</i>	Native	1	23			3.0	Improbable	Fair	Retain	In spruce hedgerow; half of crown suppressed; minor twig dieback.
465	White Spruce	<i>Picea glauca</i>	Native	1	24			3.5	Improbable	Fair	Retain	Fair vigor.
466	White Spruce	<i>Picea glauca</i>	Native	1	30			4.0	Improbable	Fair	Retain	Suppressed canopy.
467	White Spruce	<i>Picea glauca</i>	Native	1	29			4.5	Improbable	Good	Retain	Good form and vigor.
468	Norway Spruce	<i>Picea abies</i>	Non-native	1	45			3.5	Improbable	Good	Retain	In spruce hedgerow; good form; vigorous crown.
469	American Basswood	<i>Tilia americana</i>	Native	1	28			4.0	Improbable	Good	Remove	Full vigorous crown; basal shoots; minor lower branch pruning.
470	White Spruce	<i>Picea glauca</i>	Native	1	15			2.5	Improbable	Fair	Remove	Sparse vigor in the middle.
471	American Basswood	<i>Tilia americana</i>	Native	1	30			3.0	Improbable	Fair	Remove	75% chlorotic foliage; minor twig dieback.
472	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	23			5.0	Improbable	Fair	Retain	Healthy crown; minor dead lower branches; old basal wound, mostly sealed.
473	Eastern White Pine	<i>Pinus strobus</i>	Native	1	36			4.5	Improbable	Good	Retain	Good form and vigor.
474	Eastern White Pine	<i>Pinus strobus</i>	Native	1	16			4.0	Improbable	Fair	Retain	Trunk and canopy competition.
475	Eastern White Pine	<i>Pinus strobus</i>	Native	1	32			4.0	Improbable	Good	Retain	Full vigorous crown, slightly chlorotic foliage.
476	White Spruce	<i>Picea glauca</i>	Native	1	24			4.0	Improbable	Fair	Retain	Full crown; somewhat chlorotic foliage; some twig dieback in midcrown.
477	White Spruce	<i>Picea glauca</i>	Native	1	22			3.5	Improbable	Fair	Retain	Corrected sweep; fair vigor.
478	White Spruce	<i>Picea glauca</i>	Native	1	24			3.5	Improbable	Good	Retain	Full crown; somewhat chlorotic foliage; 5% twig dieback.
479	White Spruce	<i>Picea glauca</i>	Native	1	24			3.0	Improbable	Fair	Retain	Light trunk lean East; corrected sweep; lots of seed.
480	Blue Spruce	<i>Picea pungens</i>	Non-native	1	13			2.0	Improbable	Fair	Retain	Full upper crown; dieback of mid and lower crown.
481	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	30			5.5	Improbable	Good	Remove	Good form.
482	White Spruce	<i>Picea glauca</i>	Native	1	26			3.0	Improbable	Good	Remove	Full healthy crown.
483	White Spruce	<i>Picea glauca</i>	Native	1	26			2.0	Improbable	Fair	Retain	Lower crown branches suppressed; suppressed by adjacent cedar hedge.
484	White Spruce	<i>Picea glauca</i>	Native	1	24			4.0	Improbable	Good	Remove	Good form.
485	White Ash	<i>Fraxinus americana</i>	Native	1	19			3.0	Probable	Dead	Remove	Eab
486	White Spruce	<i>Picea glauca</i>	Native	1	28			4.5	Probable	Good	Remove	Healthy

Kettle Creek Golf Course
Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
487	Black Pine	<i>Pinus nigra</i>	Non-native	1	22			3.5	Improbable	Fair	Retain	Suppressed canopy
488	White Spruce	<i>Picea glauca</i>	Native	1	32			3.5	Improbable	Fair	Retain	Healthy
489	Black Pine	<i>Pinus nigra</i>	Non-native	1	34			3.0	Improbable	Fair	Retain	Suppressed canopy; curved upper trunk.
490	White Spruce	<i>Picea glauca</i>	Native	1	18			2.5	Improbable	Fair	Retain	Suppressed canopy.
491	White Ash	<i>Fraxinus americana</i>	Native	1	14			2.5	Improbable	Fair	Retain	Suppressed canopy; curved upper trunk.
493	White Spruce	<i>Picea glauca</i>	Native	1	40			4.0	Improbable	Fair	Retain	Suppressed canopy.
494	Norway Spruce	<i>Picea abies</i>	Non-native	2	48	45		4.5	Improbable	Good	Remove	Large full healthy crown; codominant trunks with weak attachment.
495	Norway Spruce	<i>Picea abies</i>	Non-native	1	30			5.0	Improbable	Good	Remove	Tall tree; large crown with vigorous foliage; partially suppressed by maple.
496	White Spruce	<i>Picea glauca</i>	Native	1	22			2.0	Improbable	Fair	Retain	Suppressed canopy.
497	White Spruce	<i>Picea glauca</i>	Native	1	26			3.0	Improbable	Fair	Retain	Suppressed canopy.
498	Norway Maple	<i>Acer platanoides</i>	Non-native	1	43			4.0	Improbable	Fair	Retain	Suppressed canopy.
499	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	22			5.0	Improbable	Good	Remove	No major defects.
500	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	15			3.0	Improbable	Good	Remove	Landscape tree; good form.
501	White Spruce	<i>Picea glauca</i>	Native	1	11			2.0	Probable	Dead	Retain	Suppressed canopy.
502	White Spruce	<i>Picea glauca</i>	Native	1	22	14		4.0	Improbable	Good	Retain	Healthy
503	Black Walnut	<i>Juglans nigra</i>	Native	1	55			7.5	Improbable	Excellent	Retain	Large full crown; good form; no notable defects.
504	Willow sp.	<i>Salix</i> sp.	Native	1	21			4.0	Improbable	Good	Retain	Corrected trunk lean.
505	Eastern White Pine	<i>Pinus strobus</i>	Native	1	35			5.5	Improbable	Fair	Remove	Trunk wound, some callusing; foliage chlorotic; crown asymmetrical due to suppression.
506	Eastern White Pine	<i>Pinus strobus</i>	Native	1	21			3.5	Improbable	Good	Remove	Sparse lower canopy.
507	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	25				Probable	Dead	Remove	Extensive bark loss; galleries; EAB exit holes
508	Eastern White Pine	<i>Pinus strobus</i>	Native	1	35			3.0	Improbable	Fair	Remove	Light pruning dieback; asymmetrical crown due to competition; Riverbank grape in lower scaffold
510	Black Walnut	<i>Juglans nigra</i>	Native	1	19			4.0	Improbable	Fair	Remove	Light pruning dieback; slightly asymmetrical due to competition with adjacent tree
513	Eastern White Pine	<i>Pinus strobus</i>	Native	2	61	47		4.0	Improbable	Fair	Remove	Included bark; 1 girdling root; light pruning dieback with Riverbank grape in lower scaffold
515	Black Walnut	<i>Juglans nigra</i>	Native	1	24			6.0	Improbable	Fair	Remove	Asymmetrical crown due to competition with adjacent trees; self correcting root flare; minor dieback
518	Eastern White Pine	<i>Pinus strobus</i>	Native	1	28			2.0	Possible	Dead	Remove	On edge of wet/seep area with skunk cabbage; stem still relatively solid
519	Eastern White Pine	<i>Pinus strobus</i>	Native	1	48			5.0	Improbable	Fair	Remove	1 girdling root; some crown dieback throughout; included bark
523	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	14			4.0	Improbable	Fair	Remove	Asymmetrical crown due to competition with adjacent trees; slight phototropic growth; minor dieback
524	Eastern White Pine	<i>Pinus strobus</i>	Native	1	24			1.0	Improbable	Poor	Remove	Narrow, suppressed crown; crown dieback; light pruning dieback
526	Sweet Cherry	<i>Prunus avium</i>	Non-native	1	12			2.5	Improbable	Fair	Remove	Wound on main stem with some minor decay but also compartmentalized; minor crown dieback; slightly suppressed crown
528	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	13			3.0	Improbable	Fair	Remove	Slightly suppressed and asymmetrical due to competition; minor dieback
529	Eastern White Pine	<i>Pinus strobus</i>	Native	1	25			1.5	Improbable	Fair	Remove	Light pruning up main stem; narrow crown due to competition; some dieback
531	Eastern White Pine	<i>Pinus strobus</i>	Native	1	25			1.5	Improbable	Poor	Remove	One sided crown with relatively extensive dieback
533	Eastern White Pine	<i>Pinus strobus</i>	Native	1	26			1.0	Improbable	Poor	Remove	Light pruning up main stem; very narrow, suppressed crown with dieback; self correcting root flare
534	Eastern White Pine	<i>Pinus strobus</i>	Native	1	34			1.5	Improbable	Fair	Remove	Asymmetrical crown due to competition; remaining side of crown relatively vigorous; small cavities up higher on main stem with compartmentalization
536	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	12			4.0	Improbable	Fair	Remove	One sided, suppressed crown; some crown dieback
538	Eastern White Pine	<i>Pinus strobus</i>	Native	1	29			3.0	Improbable	Fair	Remove	One sided crown due to competition; crown towards path still relatively vigorous
540	Eastern White Pine	<i>Pinus strobus</i>	Native	1	32			2.0	Improbable	Fair	Remove	Well balanced root flare; asymmetrical crown due to competition
541	Eastern White Pine	<i>Pinus strobus</i>	Native	1	24			1.0	Improbable	Very Poor	Remove	Almost dead with only 1 canopy branch alive; stem still appears solid

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Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
543	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	13			1.5	Improbable	Fair	Remove	Root flare competition with adjacent tree; self correcting root flare; asymmetrical crown due to competition
545	Eastern White Pine	<i>Pinus strobus</i>	Native	1	40			2.5	Improbable	Fair	Remove	Well balanced root flare; light pruning up main stem; narrow crown however relatively healthy
547	Eastern White Pine	<i>Pinus strobus</i>	Native	1	35			4.0	Improbable	Poor	Remove	One sided crown with relatively extensive dieback
548	Eastern White Pine	<i>Pinus strobus</i>	Native	1	55			5.0	Possible	Very Poor	Remove	Crown has snapped off; 1 overextended scaffold branch; extensive dieback
550	Eastern White Pine	<i>Pinus strobus</i>	Native	1	23				Possible	Dead	Remove	Crown snapped off
552	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	13			3.0	Improbable	Fair	Remove	Some crown competition with adjacent tree; minor dieback
553	White Willow	<i>Salix alba</i>	Non-native	1	43			4.0	Improbable	Fair	Remove	Asymmetrical crown; minor dieback; 1 scaffold broken and could benefit from being pruned off
555	Manitoba Maple	<i>Acer negundo</i>	Native	1	35			6.0	Possible	Fair	Remove	Phototropic lean (10 degree) towards path; self correcting root flare; wound on main stem with evidence of decay however also compartmentalization; relatively full crown
557	Eastern White Pine	<i>Pinus strobus</i>	Native	1	42			6.0	Improbable	Fair	Remove	Slightly asymmetrical crown due to competition; crown otherwise quite vigorous
559	White Ash	<i>Fraxinus americana</i>	Native	1	10			2.0	Improbable	Good	Remove	Slightly suppressed due to adjacent tree; crown otherwise relatively vigorous; no signs of EAB on main stem
561	Eastern White Pine	<i>Pinus strobus</i>	Native	1	34			5.0	Improbable	Fair	Remove	Asymmetrical crown due to competition with adjacent tree; immediately adjacent to path; minimal dieback
562	Eastern White Pine	<i>Pinus strobus</i>	Native	1	37			2.5	Improbable	Good	Remove	Light pruning up main stem; relatively full crown
565	Eastern White Pine	<i>Pinus strobus</i>	Native	1	23			4.0	Improbable	Fair	Remove	Light pruning dieback; asymmetrical crown due to competition with adjacent tree
566	Eastern White Pine	<i>Pinus strobus</i>	Native	1	27			3.0	Improbable	Fair	Remove	Light pruning up main stem; 2 over extended branches; minor dieback
567	White Ash	<i>Fraxinus americana</i>	Native	1	47			2.5	Possible	Very Poor	Remove	Galleries; epicormic growth; extensive crown dieback
569	Eastern White Pine	<i>Pinus strobus</i>	Native	1	26			2.0	Possible	Poor	Remove	Very narrow, suppressed crown with some dieback; 1 larger scaffold branch dead
572	Sweet Cherry	<i>Prunus avium</i>	Non-native	1	11			1.5	Improbable	Poor	Remove	Suppressed crown with relatively extensive dieback
573	Eastern White Pine	<i>Pinus strobus</i>	Native	1	33			2.0	Improbable	Poor	Remove	Light pruning up main stem; narrow, suppressed crown with dieback
575	Eastern White Pine	<i>Pinus strobus</i>	Native	1	21			1.0	Improbable	Poor	Remove	Very narrow, suppressed crown with extensive dieback
576	Eastern White Pine	<i>Pinus strobus</i>	Native	1	27			1.0	Improbable	Poor	Remove	Light pruning up main stem; narrow, suppressed crown with extensive dieback
578	Eastern White Pine	<i>Pinus strobus</i>	Native	1	27			2.0	Improbable	Fair	Remove	Narrow, asymmetrical crown; light pruning up main stem
579	Eastern White Pine	<i>Pinus strobus</i>	Native	1	43				Possible	Dead	Remove	Crown snapped; some bark loss; insect damage
580	Eastern White Pine	<i>Pinus strobus</i>	Native	1	16			2.0	Possible	Poor	Remove	Suppressed crown with dieback throughout
582	White Ash	<i>Fraxinus americana</i>	Native	1	23				Probable	Dead	Remove	Decay at base of main stem; galleries; EAB exit holes; crown dead
584	Eastern White Pine	<i>Pinus strobus</i>	Native	1	45			3.5	Improbable	Good	Remove	Slightly asymmetrical crown due to competition; crown otherwise relatively full; Riverbank grape in lower scaffold
586	Eastern White Pine	<i>Pinus strobus</i>	Native	1	34			2.0	Possible	Poor	Remove	Adjacent Ash tree has fallen into main stem; some minor bark scraping; narrow, suppressed crown with dieback
587	Eastern White Pine	<i>Pinus strobus</i>	Native	1	35				Possible	Dead	Remove	Missing crown; some bark loss
589	Eastern White Pine	<i>Pinus strobus</i>	Native	1	23			3.0	Improbable	Poor	Remove	Asymmetrical crown due to competition with adjacent trees; small wound on lower stem with compartmentalization; some crown loss
591	Eastern White Pine	<i>Pinus strobus</i>	Native	1	32			2.0	Improbable	Fair	Remove	Narrow crown due to competition with adjacent trees; a few bark rubs along main stem from adjacent Cherry
592	Black Cherry	<i>Prunus serotina</i>	Native	1	20			4.0	Improbable	Fair	Remove	Crown competition with adjacent tree; crown otherwise relatively healthy
594	Eastern White Pine	<i>Pinus strobus</i>	Native	1	31			2.0	Improbable	Fair	Remove	Asymmetrical crown due to competition with adjacent tree; light pruning up main stem; self correcting root flare as tree is growing out of sloped area
596	Eastern White Pine	<i>Pinus strobus</i>	Native	1	33			1.5	Improbable	Poor	Remove	Very narrow, suppressed crown with some dieback

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Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
598	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	19			3.0	Possible	Poor	Remove	Phototrophic growth with lower stem on 10 degree angle; crown dieback; loose bark
600	Eastern White Pine	<i>Pinus strobus</i>	Native	1	15			1.5	Improbable	Poor	Remove	One sided crown; suppressed with dieback; wound on upper stem with evidence of decay
601	White Spruce	<i>Picea glauca</i>	Native	1	12			2.5	Improbable	Good	Remove	Broken tree debris at base of tree.
602	Manitoba Maple	<i>Acer negundo</i>	Native	2	13	12		4.0	Improbable	Fair	Remove	Double leader; vines growing on canopy; slight lean.
603	Sweet Cherry	<i>Prunus avium</i>	Non-native	1	22			2.0	Improbable	Poor	Remove	Suckering throughout; branch tear off wound.
604	Black Walnut	<i>Juglans nigra</i>	Native	1	54			6.0	Improbable	Fair	Retain	Large cankers on trunk; evidence of branch failures.
605	Manitoba Maple	<i>Acer negundo</i>	Native	1	18			3.0	Improbable	Poor	Remove	Main trunk failed; single remaining stem growing upwards.
606	Common Pear	<i>Pyrus communis</i>	Non-native	3	25			3.5	Improbable	Fair	Remove	Three trunks now fused; slight lean south.
607	Manitoba Maple	<i>Acer negundo</i>	Native	1	37			6.0	Improbable	Fair	Retain	Growing on slight angle; double leader; vines in canopy.
608	Manitoba Maple	<i>Acer negundo</i>	Native	1	13			2.0	Improbable	Fair	Retain	Slight pistol butt; aggressive vines on trunk.
609	Black Walnut	<i>Juglans nigra</i>	Native	2	42	25		6.0	Improbable	Fair	Retain	Moderate lower branch dieback; two main trunks have begun fusing! Included bark.
610	Manitoba Maple	<i>Acer negundo</i>	Native	1	46			6.0	Improbable	Fair	Retain	Growing on lean; numerous basal shoots and epicormic shoots;
611	White Spruce	<i>Picea glauca</i>	Native	1	26			4.0	Improbable	Good	Remove	Light canopy competition; good form and vigor.
612	White Spruce	<i>Picea glauca</i>	Native	1	36			4.0	Improbable	Fair	Remove	Good form; some self pruning.
613	White Spruce	<i>Picea glauca</i>	Native	1	34			5.0	Improbable	Good	Remove	Great form; healthy vigor.
614	White Spruce	<i>Picea glauca</i>	Native	1	38			4.0	Improbable	Fair	Remove	Good form; self pruning.
615	White Spruce	<i>Picea glauca</i>	Native	1	30			3.5	Improbable	Fair	Remove	Poor lower crown vigor; corrected trunk curve at 8m.
616	Black Pine	<i>Pinus nigra</i>	Non-native	1	24			3.0	Improbable	Poor	Remove	Over 75% dieback.
617	Eastern White Pine	<i>Pinus strobus</i>	Native	1	40			7.0	Improbable	Fair	Remove	Good form; self pruning.
618	Eastern White Pine	<i>Pinus strobus</i>	Native	1	36			5.0	Improbable	Fair	Remove	Good form; self pruning.
619	White Spruce	<i>Picea glauca</i>	Native	1	22			3.5	Improbable	Good	Remove	Slightly suppressed canopy.
620	White Spruce	<i>Picea glauca</i>	Native	1	36			4.5	Improbable	Good	Remove	Slight lean in trunk east.
621	Eastern White Pine	<i>Pinus strobus</i>	Native	1	41			6.0	Improbable	Fair	Remove	Good form; self pruning.
622	Red Pine	<i>Pinus resinosa</i>	Native	1	26			3.0	Improbable	Fair	Remove	Good form; self pruning.
623	Eastern White Pine	<i>Pinus strobus</i>	Native	1	23			3.0	Improbable	Poor	Remove	Poor vigor; corrected trunk form.
624	Red Pine	<i>Pinus resinosa</i>	Native	1	24			1.0	Probable	Dead	Remove	Rotted base; no crown; peelin bark.
625	White Ash	<i>Fraxinus americana</i>	Native	1	18			3.0	Possible	Fair	Remove	Still producing buds; heavy upper trunk lean north.
626	White Spruce	<i>Picea glauca</i>	Native	1	14			2.0	Improbable	Poor	Remove	Poor vigor; suppressed canopy.
627	White Ash	<i>Fraxinus americana</i>	Native	1	18			5.0	Improbable	Fair	Remove	Slight twist at base; cankers up trunk.
628	Red Pine	<i>Pinus resinosa</i>	Native	1	23			2.0	Possible	Dead	Remove	Wildlife feeding holes up trunk ; no crown; peeling bark.
629	White Spruce	<i>Picea glauca</i>	Native	1	35			3.5	Possible	Dead	Remove	Codominant above DBH; loosing bark.
630	White Spruce	<i>Picea glauca</i>	Native	1	32			2.0	Possible	Dead	Remove	No vigor; loosing bark.
631	White Spruce	<i>Picea glauca</i>	Native	1	26			1.0	Possible	Dead	Remove	Topped at 8m.
632	Red Pine	<i>Pinus resinosa</i>	Native	1	12			1.0	Possible	Dead	Remove	Peeling bark; no live crown.
633	White Ash	<i>Fraxinus americana</i>	Native	1	15			2.5	Improbable	Fair	Remove	Stunted growth; bark intact; limited EAB evidence.
634	Common Apple	<i>Malus pumila</i>	Non-native	1	16			3.5	Improbable	Fair	Remove	Canopy leans east; asymmetrical.
635	Red Pine	<i>Pinus resinosa</i>	Native	1	29			3.0	Improbable	Fair	Remove	Fair form; some self pruning.
636	White Ash	<i>Fraxinus americana</i>	Native	1	10			5.0	Possible	Poor	Remove	Growing on heavy lean due to large fallen tree at base.
637	White Ash	<i>Fraxinus americana</i>	Native	1	19			4.0	Improbable	Fair	Remove	Suppressed canopy; reduced vigor; lited EAB evidence.
638	Red Pine	<i>Pinus resinosa</i>	Native	1	39			3.0	Improbable	Fair	Remove	Fair form; some self pruning; thin crown.
639	Eastern White Pine	<i>Pinus strobus</i>	Native	1	19	15		2.5	Improbable	Fair	Remove	Included bark; sparse upper canopy; suppressed.
640	Red Pine	<i>Pinus resinosa</i>	Native	1	33			3.0	Possible	Dead	Remove	Wildlife holes; plead off bark; minimal branches; lost top.
641	White Spruce	<i>Picea glauca</i>	Native	1	641			3.0	Improbable	Fair	Remove	Slight trunk lean east.
642	White Spruce	<i>Picea glauca</i>	Native	1	18				Possible	Dead	Remove	No vigor; lean west.
643	White Ash	<i>Fraxinus americana</i>	Native	1	19			5.0	Improbable	Fair	Remove	Growing on slight lean.
644	Eastern White Pine	<i>Pinus strobus</i>	Native	1	16			1.5	Possible	Poor	Remove	Poor vigor.
645	Eastern White Pine	<i>Pinus strobus</i>	Native	1	24			2.0	Possible	Dead	Remove	No vigor; rotted bark.
646	Red Pine	<i>Pinus resinosa</i>	Native	1	24			3.0	Possible	Dead	Remove	Peeling bark; no live crown .
647	Eastern White Pine	<i>Pinus strobus</i>	Native	1	14			2.0	Improbable	Poor	Remove	Suppressed canopy; poor vigor.
648	White Spruce	<i>Picea glauca</i>	Native	1	12			2.5	Improbable	Fair	Remove	Suppressed canopy; asymmetrical growth.
649	White Spruce	<i>Picea glauca</i>	Native	1	25			3.0	Improbable	Good	Remove	Canopy competition; reduced lower branch vigor.
650	White Spruce	<i>Picea glauca</i>	Native	1	19			2.5	Improbable	Fair	Remove	Suppressed canopy; reduced vigor.
651	Red Pine	<i>Pinus resinosa</i>	Native	1	42			5.0	Possible	Dead	Remove	Peeling bark; wildlife holes; no live branches.

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Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
652	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	15			4.0	Improbable	Poor	Remove	Suppressed canopy; crown leans south.
653	White Spruce	<i>Picea glauca</i>	Native	1	13			1.0	Possible	Poor	Remove	Leaning; evidence of pruning; numerous dead branches.
654	White Spruce	<i>Picea glauca</i>	Native	1	15			2.5	Improbable	Fair	Remove	Corrected sweep trunk.
655	White Spruce	<i>Picea glauca</i>	Native	1	24			3.0	Improbable	Good	Remove	Slight upper trunk lean west from canopy competition.
656	White Spruce	<i>Picea glauca</i>	Native	1	16			2.0	Improbable	Fair	Remove	Slightly suppressed.
657	White Spruce	<i>Picea glauca</i>	Native	1	22			3.0	Improbable	Good	Remove	Suppressed lower canopy
658	White Spruce	<i>Picea glauca</i>	Native	1	30			4.0	Improbable	Fair	Remove	Slightly suppressed but good for..
688	Blue Spruce	<i>Picea pungens</i>	Non-native	1	40			3.0	Improbable	Good	Remove	Minor thinning.
801	Norway Maple	<i>Acer platanoides</i>	Non-native	1	23			2.5	Improbable	Good	Remove	Slightly asymmetrical crown due to competition with adjacent tree; crown otherwise healthy; soil high against root flare
802	Blue Spruce	<i>Picea pungens</i>	Non-native	1	27			3.0	Possible	Poor	Remove	Relatively extensive crown dieback; soil high against main stem; evidence of decay on flare
803	Blue Spruce	<i>Picea pungens</i>	Non-native	1	31			3.0	Probable	Poor	Remove	Relatively extensive crown dieback; unbalanced root flare; soil high against main stem
804	Blue Spruce	<i>Picea pungens</i>	Non-native	1	31			3.0	Improbable	Fair	Remove	Crown dieback in lower branches; soil high against main stem
805	White Spruce	<i>Picea glauca</i>	Native	1	35			4.0	Improbable	Fair	Remove	1 girdling root; well balanced root flare; minor dieback; mower damage on 1 exposed root
806	White Spruce	<i>Picea glauca</i>	Native	1	32			4.0	Improbable	Fair	Remove	Relatively full, vigorous crown with minor dieback; heavy cone production
807	White Spruce	<i>Picea glauca</i>	Native	1	24			3.0	Improbable	Fair	Remove	Heavy cone production; some chlorotic stems with dieback
808	White Spruce	<i>Picea glauca</i>	Native	1	32			4.0	Improbable	Fair	Remove	Well balanced root flare; light pruning dieback and some dieback throughout; heavy cone production
809	White Spruce	<i>Picea glauca</i>	Native	1	24			2.0	Possible	Poor	Remove	Extensive crown dieback; wounds with sap ooze; evidence of decay at root flare
810	White Spruce	<i>Picea glauca</i>	Native	1	42			3.0	Improbable	Good	Remove	Well balanced, full crown; minimal dieback; heavy cone production
811	Blue Spruce	<i>Picea pungens</i>	Non-native	1	36			2.5	Improbable	Fair	Remove	On verge of poor; dieback throughout
812	White Spruce	<i>Picea glauca</i>	Native	1	22			2.5	Improbable	Poor	Remove	Dieback scattered throughout; heavy cone production
813	Norway Spruce	<i>Picea abies</i>	Non-native	1	27			3.5	Improbable	Fair	Remove	Slightly asymmetrical crown to south; healthy crown.
814	White Spruce	<i>Picea glauca</i>	Native	1	20			2.5	Improbable	Fair	Remove	On verge of poor; asymmetrical crown due to competition; crown dieback
815	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	35			5.0	Improbable	Fair	Remove	Included bark on 2 main codominant stems; root girdling and water sprouts.
816	Norway Spruce	<i>Picea abies</i>	Non-native	1	25			4.0	Improbable	Fair	Remove	Asymmetrical crown to south; minor vine.
817	American Basswood	<i>Tilia americana</i>	Native	1	42			5.0	Improbable	Good	Remove	Girdling root; asymmetrical root flare; full, vigorous crown; solid main stem
818	Norway Spruce	<i>Picea abies</i>	Non-native	1	25			4.0	Improbable	Fair	Remove	Asymmetrical crown east; small twig dieback.
819	Blue Spruce	<i>Picea pungens</i>	Non-native	1	39			4.5	Improbable	Fair	Retain	Small twig dieback; stout.
820	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	23			3.0	Improbable	Fair	Remove	Stem damage; dead and cracked branches; healthy remaining crown.
821	White Spruce	<i>Picea glauca</i>	Native	1	23			3.0	Improbable	Fair	Remove	Heavy cone production; some crown dieback; root flare competition with small Mulberry sapling
822	White Spruce	<i>Picea glauca</i>	Native	1	49			3.0	Improbable	Good	Remove	Relatively full, vigorous crown with minor dieback; heavy cone production.
823	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	27			4.5	Improbable	Fair	Remove	Leaning east; open wound on stem, but good compartmentalization; water sprouts.
824	White Spruce	<i>Picea glauca</i>	Native	1	37			3.0	Improbable	Good	Remove	Minor light pruning dieback; well balanced root flare; heavy cone production
825	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	37			5.0	Improbable	Fair	Remove	Small wounds with good compartmentalization; many codominant branches.
826	Blue Spruce	<i>Picea pungens</i>	Non-native	1	28			4.5	Improbable	Fair	Remove	Moderate small twig dieback.
827	Common Hackberry	<i>Celtis occidentalis</i>	Native	1	23			4.0	Improbable	Good	Remove	Full, well balanced crown; minor dieback; epicormic growth at root flare
828	White Spruce	<i>Picea glauca</i>	Native	1	20			4.0	Improbable	Good	Remove	Full and healthy crown.
829	Norway Maple	<i>Acer platanoides</i>	Non-native	1	10			2.0	Possible	Poor	Remove	Poor vigor; water sprouts; wounds.

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830	White Spruce	<i>Picea glauca</i>	Native	1	26			3.0	Improbable	Good	Remove	Full, vigorous crown; small bark cracks; heavy cone production
831	Freeman's Maple	<i>Acer x freemanii</i>	Native	1	41			5.0	Improbable	Good	Remove	Good form; healthy crown.
832	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	22			4.5	Improbable	Fair	Remove	Codominant stems; minor cankers.
833	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	13			2.5	Improbable	Fair	Remove	Wound on lower stem with compartmentalization; some crown dieback
834	Common Hackberry	<i>Celtis occidentalis</i>	Native	1	83			3.5	Improbable	Good	Remove	Good form; healthy crown.
835	Norway Maple	<i>Acer platanoides</i>	Non-native	1	18			2.0	Improbable	Fair	Remove	Small bark cracks with staining; some compartmentalization
836	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			3.0	Improbable	Fair	Remove	Small branch dieback in lower limbs.
837	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	11			1.5	Improbable	Poor	Remove	Large wound on stem; water sprouts; minor lean east.
838	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	19			3.0	Improbable	Fair	Remove	Epicormic growth; crown dieback; slightly asymmetrical
839	Sweet Crabapple	<i>Malus coronaria</i>	Native	1	14			1.5	Improbable	Fair	Remove	Epicormic growth; evidence of minor decay between branch union
840	Norway Maple	<i>Acer platanoides</i>	Non-native	1	18			4.0	Improbable	Fair	Remove	Codominant stems from clustered union; damage at base.
841	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	23			4.0	Possible	Fair	Remove	Fruiting bodies; small dead branches.
842	Norway Maple	<i>Acer platanoides</i>	Non-native	1	10			1.0	Possible	Poor	Remove	Wounds up main stem with some decay; some compartmentalization; crown dieback
843	Norway Maple	<i>Acer platanoides</i>	Non-native	1	16			2.5	Improbable	Fair	Remove	Minor dieback; tight crown.
844	White Oak	<i>Quercus alba</i>	Native	1	32			4.0	Improbable	Good	Remove	Full, well balanced crown; solid main stem
845	White Oak	<i>Quercus alba</i>	Native	1	39			6.0	Improbable	Good	Remove	Good form; minor infill; beside path.
846	White Spruce	<i>Picea glauca</i>	Native	1	40			4.0	Improbable	Fair	Remove	Heavy cone production; some branch tip dieback; slight phototrophic growth in main stem
847	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	18			3.0	Improbable	Poor	Remove	Fruiting bodies; open small wounds.
848	White Spruce	<i>Picea glauca</i>	Native	1	32			4.0	Possible	Poor	Remove	Major dead branches in lower crown.
849	Norway Spruce	<i>Picea abies</i>	Non-native	1	30			5.0	Improbable	Good	Remove	Dense crown; small cones.
850	Norway Maple	<i>Acer platanoides</i>	Non-native	1	35			5.0	Improbable	Fair	Remove	Girdling roots; history of branch failure with compartmentalization; full, well balanced crown
851	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			5.0	Possible	Poor	Remove	Significant dieback; lower 60% of crown nearly all dead.
852	Norway Maple	<i>Acer platanoides</i>	Non-native	1	32			4.5	Improbable	Good	Remove	Relatively full, vigorous crown; 1 root starting to girdle; compartmentalized prune cuts
853	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			4.0	Improbable	Poor	Remove	Lower 50% nearly dead.
854	Norway Maple	<i>Acer platanoides</i>	Non-native	1	29			6.0	Improbable	Fair	Remove	Large open crown; wounds; dieback; poor branch unions.
855	White Spruce	<i>Picea glauca</i>	Native	1	29			2.0	Possible	Very Poor	Remove	Extensive crown dieback; wound with decay on lower stem; some loose bark
856	Norway Maple	<i>Acer platanoides</i>	Non-native	1	39			4.0	Improbable	Good	Remove	Full, vigorous crown; compartmentalized prune cuts; could benefit from minor pruning to thin crown crowding
857	Blue Spruce	<i>Picea pungens</i>	Non-native	1	28			5.0	Improbable	Poor	Remove	Major dieback spread throughout.
858	Norway Maple	<i>Acer platanoides</i>	Non-native	1	39			5.0	Improbable	Good	Remove	Full, well balanced crown; compartmentalized prune cuts
859	White Spruce	<i>Picea glauca</i>	Native	1	18			4.0	Improbable	Fair	Remove	Moderate dieback throughout.
860	White Spruce	<i>Picea glauca</i>	Native	1	23			3.0	Improbable	Fair	Remove	Heavy cone production; sap ooze; some crown dieback
861	White Spruce	<i>Picea glauca</i>	Native	1	15			3.5	Possible	Poor	Remove	50% dead crown; some peeling bark.
862	White Spruce	<i>Picea glauca</i>	Native	1	26			3.0	Improbable	Fair	Remove	Heavy cone production; some crown dieback
863	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			3.5	Improbable	Fair	Remove	25% radial area dead.
864	Norway Spruce	<i>Picea abies</i>	Non-native	1	26			3.0	Improbable	Fair	Remove	Minor thinning.
865	Blue Spruce	<i>Picea pungens</i>	Non-native	1	13			3.0	Possible	Poor	Remove	90% dead; some brown needles.
866	White Spruce	<i>Picea glauca</i>	Native	1	19			2.5	Improbable	Fair	Remove	60% dieback; sap oozing.
867	Blue Spruce	<i>Picea pungens</i>	Non-native	1	17			1.5	Possible	Poor	Remove	Relatively extensive crown dieback; lower stem with phototrophic lean
868	Norway Spruce	<i>Picea abies</i>	Non-native	1	34			4.0	Improbable	Fair	Remove	Sapsucker damage; some dieback
869	Norway Spruce	<i>Picea abies</i>	Non-native	1	20			3.5	Improbable	Fair	Remove	Minor twig dieback.
870	Norway Maple	<i>Acer platanoides</i>	Non-native	1	29			4.5	Improbable	Fair	Remove	Codominant stems at clustered branch union; few small dead branches.

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871	Norway Maple	<i>Acer platanoides</i>	Non-native	1	17			3.0	Improbable	Fair	Remove	Seam up main stem with evidence of decay but also compartmentalizing; mower damage at root flare; crown still full
872	Eastern White Pine	<i>Pinus strobus</i>	Native	1	28			4.0	Improbable	Fair	Remove	Minor discoloration, likely due to time of year.
873	White Spruce	<i>Picea glauca</i>	Native	1	18			2.0	Improbable	Fair	Remove	Heavy cone production; minor dieback; old stem wound with wound wood
874	White Spruce	<i>Picea glauca</i>	Native	1	26			4.0	Improbable	Fair	Remove	Dieback in lower branches.
875	Eastern White Pine	<i>Pinus strobus</i>	Native	1	35			3.0	Improbable	Good	Remove	Relatively full crown; very minor dieback
876	White Spruce	<i>Picea glauca</i>	Native	1	13			2.5	Improbable	Fair	Remove	Minor twig dieback.
877	Eastern White Pine	<i>Pinus strobus</i>	Native	1	23			4.0	Improbable	Fair	Remove	Minor twig dieback.
878	White Fir	<i>Abies concolor</i>	Non-native	1	15			2.0	Improbable	Fair	Remove	Some root flare competition with Mulberry sapling; old wound on lower stem with compartmentalization; some dieback
879	White Fir	<i>Abies concolor</i>	Non-native	1	14			2.5	Possible	Poor	Remove	Moderate dieback throughout.
880	White Fir	<i>Abies concolor</i>	Non-native	1	25			4.0	Improbable	Poor	Remove	60% twig dieback.
881	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			4.0	Improbable	Fair	Remove	Minor twig dieback.
882	Blue Spruce	<i>Picea pungens</i>	Non-native	1	22			2.5	Improbable	Fair	Remove	On verge of poor with quite a bit of dieback; asymmetrical due to competition with adjacent tree
883	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	28			4.0	Possible	Fair	Remove	Slightly asymmetrical crown due to competition with adjacent tree; some crown dieback; old wound on root flare with decay
884	White Spruce	<i>Picea glauca</i>	Native	1	17			1.5	Probable	Very Poor	Remove	Extensive crown dieback; bark cracks on lower stem
885	White Spruce	<i>Picea glauca</i>	Native	1	32			4.0	Improbable	Fair	Remove	Minor discoloration.
886	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	27			5.0	Improbable	Fair	Remove	Minor epicormic growth; slightly asymmetrical crown due to competition; some dieback
887	White Spruce	<i>Picea glauca</i>	Native	1	20			4.0	Improbable	Good	Remove	Minor thinning.
889	White Fir	<i>Abies concolor</i>	Non-native	1	17			1.5	Improbable	Fair	Remove	Previously topped; crown otherwise relatively full
890	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	30			5.0	Improbable	Good	Remove	Minor cankers.
891	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	29			4.0	Improbable	Fair	Remove	Minor epicormic growth; slightly asymmetrical due to competition with adjacent tree; crown dieback
892	Blue Spruce	<i>Picea pungens</i>	Non-native	1	27			4.0	Improbable	Fair	Remove	Minor thinning.
893	White Spruce	<i>Picea glauca</i>	Native	1	18			2.0	Improbable	Fair	Remove	Heavy cone production; some dieback
894	Blue Spruce	<i>Picea pungens</i>	Non-native	1	36			2.5	Improbable	Fair	Remove	On verge of poor with quite a bit of lower scaffold dieback
895	White Spruce	<i>Picea glauca</i>	Native	1	17			1.5	Improbable	Fair	Remove	On verge of poor with quite a bit of crown dieback; old mower damage at root flare
896	White Spruce	<i>Picea glauca</i>	Native	1	20			2.0	Improbable	Fair	Remove	On verge of poor; phototropic lean; some crown dieback; heavy cone production
897	American Basswood	<i>Tilia americana</i>	Native	1	36			4.0	Improbable	Good	Retain	Epicormic sprouts at root flare; full, vigorous crown; some mower damage on exposed roots; could benefit from minor pruning to reduce crowding
898	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			5.0	Improbable	Fair	Remove	Minor twig dieback, particularly where shaded.
899	Norway Maple	<i>Acer platanoides</i>	Non-native	1	29			3.0	Improbable	Good	Remove	Old seam up main stem sealed over; compartmentalization on lower stem wounds from mower damage; full crown
900	White Fir	<i>Abies concolor</i>	Non-native	1	30			4.0	Improbable	Fair	Remove	Major thinning where shaded by maple.
956	Eastern White Pine	<i>Pinus strobus</i>	Native	1	36			5.5	Improbable	Good	Remove	Tall healthy crown.
963	Eastern White Pine	<i>Pinus strobus</i>	Native	1	31			3.0	Improbable	Good	Retain	Slightly asymmetrical crown due to competition with adjacent tree; minor light pruning dieback only
964	Eastern White Pine	<i>Pinus strobus</i>	Native	1	36			4.5	Improbable	Good	Remove	Full, vigorous crown with very minor dieback; well balance root flare
965	American Basswood	<i>Tilia americana</i>	Native	8	17	13	12	4.0	Improbable	Fair	Remove	Multi stem with epicormic growth; slightly asymmetrical crown due to competition with adjacent tree
966	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	53			6.0	Improbable	Fair	Remove	Minor water sprouts; good form.
967	White Spruce	<i>Picea glauca</i>	Native	1	24			3.0	Improbable	Fair	Remove	Heavy cone production; some crown dieback
969	White Spruce	<i>Picea glauca</i>	Native	1	24			2.0	Improbable	Poor	Remove	Chlorotic; evidence of decay in main stem; crown dieback

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Tree Inventory Data

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970	Eastern White Pine	<i>Pinus strobus</i>	Native	1	37			6.0	Improbable	Good	Remove	Tall healthy crown.
971	Eastern White Pine	<i>Pinus strobus</i>	Native	1	42			5.0	Improbable	Good	Remove	Slightly asymmetrical crown due to competition with adjacent tree; crown otherwise vigorous
972	Eastern White Pine	<i>Pinus strobus</i>	Native	1	37			5.0	Improbable	Good	Remove	Slightly asymmetrical crown due to competition with adjacent tree; crown otherwise vigorous
973	American Basswood	<i>Tilia americana</i>	Native	6	19	18	17	4.0	Improbable	Good	Remove	Relatively full, vigorous crown
974	White Spruce	<i>Picea glauca</i>	Native	1	21			3.5	Improbable	Fair	Remove	Major thinning in lower crown.
975	White Spruce	<i>Picea glauca</i>	Native	1	27			3.5	Improbable	Fair	Remove	Moderate dieback in lower crown.
977	Eastern White Pine	<i>Pinus strobus</i>	Native	1	50			4.0	Improbable	Good	Remove	Slightly asymmetrical crown due to competition with adjacent tree; crown otherwise full; solid main stem
978	Eastern White Pine	<i>Pinus strobus</i>	Native	1	38			4.0	Possible	Poor	Remove	Extensive crown dieback; insect damage; blister rust
979	White Ash	<i>Fraxinus americana</i>	Native	1	14			2.0	Probable	Very Poor	Remove	Exfoliating bark; extensive water sprouts; extreme die back; exit holes.
981	White Spruce	<i>Picea glauca</i>	Native	1	27			4.5	Improbable	Fair	Remove	Thinning where shaded out.
984	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	20			4.0	Improbable	Fair	Remove	Fruiting bodies; significant small dead branches.
985	Eastern White Pine	<i>Pinus strobus</i>	Native	1	46			6.0	Improbable	Good	Remove	Tall canopy; good form; minor oozing on main stem.
986	American Basswood	<i>Tilia americana</i>	Native	1	25			5.0	Improbable	Fair	Remove	Large water sprouts at base; codominant stems.
987	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	18			4.0	Improbable	Good	Remove	Relatively full, vigorous crown with minor competition from adjacent tree; sealed bark seam
988	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	47			4.0	Improbable	Fair	Remove	Lower scaffold dieback; evidence of decay on root flare and lower stem
989	American Basswood	<i>Tilia americana</i>	Native	1	33			5.0	Improbable	Fair	Remove	Extensive water sprouts at base; poor branch unions.
990	White Spruce	<i>Picea glauca</i>	Native	1	26			3.5	Improbable	Fair	Remove	Moderate thinning in lower crown; codominant stems; oozing; relatively poor vigor.
991	American Basswood	<i>Tilia americana</i>	Native	1	26			4.0	Improbable	Fair	Remove	Epicormic growth at root flare; full crown with crowding; some weak branch unions.in upper crown
992	Blue Spruce	<i>Picea pungens</i>	Non-native	1	34			4.5	Improbable	Fair	Remove	Major small twig die-back on shaded western side.
993	Eastern White Pine	<i>Pinus strobus</i>	Native	1	45			5.5	Improbable	Good	Remove	Tall healthy full crown
994	White Spruce	<i>Picea glauca</i>	Native	1	19			2.0	Improbable	Fair	Remove	Heavy cone production; bark cracks along main stem with sap ooze; some crown dieback
995	American Basswood	<i>Tilia americana</i>	Native	1	32			5.5	Improbable	Fair	Remove	Poor branch unions; minor wounds on stem with good compartmentalization.
996	White Spruce	<i>Picea glauca</i>	Native	1	24			2.0	Improbable	Poor	Remove	Dieback along one side of crown; bark cracks
997	Eastern White Pine	<i>Pinus strobus</i>	Native	1	33			6.5	Improbable	Good	Remove	Minor thinning; minor wound from broken branch.
998	American Basswood	<i>Tilia americana</i>	Native	1	29			5.0	Improbable	Fair	Remove	Epicormic growth at root flare; some overcrowding in crown; could benefit from pruning
999	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	18			4.0	Possible	Fair	Remove	Significant dead branches; minor wounds on stem.
1000	White Spruce	<i>Picea glauca</i>	Native	1	31			3.0	Improbable	Fair	Remove	On verge of poor with dieback along one side of crown; bark cracks with sap ooze
1001	Blue Spruce	<i>Picea pungens</i>	Non-native	1	18			2.0	Improbable	Good	Remove	Asymmetrical crown due to competition with adjacent tree; healthy crown.
1002	Norway Spruce	<i>Picea abies</i>	Non-native	1	23			3.0	Improbable	Good	Remove	Few pruning cuts; good form; healthy crown.
1003	Blue Spruce	<i>Picea pungens</i>	Non-native	1	12			1.0	Possible	Very Poor	Remove	90% canopy dieback; slight lean.
1004	Blue Spruce	<i>Picea pungens</i>	Non-native	1	27			2.5	Possible	Fair	Remove	Self-corrected lean; extensive vine growth.
1005	White Ash	<i>Fraxinus americana</i>	Native	1	49			4.5	Possible	Very Poor	Remove	Minimal live crown remaining; codominant leaders; epicormic shoots.
1006	White Mulberry	<i>Morus alba</i>	Non-native	1	30			4.0	Improbable	Fair	Remove	Sprawling crown; multiple small stems; phototropic growth.
1007	Other	<i>Unknown</i>	Unknown	1	25	24		4.0	Possible	Dead	Remove	Codominant leaders; included bark; bark loss; decay.
1008	White Mulberry	<i>Morus alba</i>	Non-native	1	24			3.5	Possible	Very Poor	Remove	80% dieback; curved stem; poor attachment.
1009	White Ash	<i>Fraxinus americana</i>	Native	1	44			6.0	Possible	Fair	Remove	10% canopy dieback; good form; all surgical galls on stem.
1010	White Mulberry	<i>Morus alba</i>	Non-native	1	26			3.0	Improbable	Fair	Remove	Past pruning cuts; lower branch dieback; bacterial ooze.
1011	White Mulberry	<i>Morus alba</i>	Non-native	1	14			3.5	Possible	Poor	Remove	Asymmetrical crown due east; trunk fissure; 40% canopy dieback.
1012	White Mulberry	<i>Morus alba</i>	Non-native	1	11			5.0	Possible	Fair	Remove	Leans east; lower crown dieback; phototropic growth.

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1013	White Mulberry	<i>Morus alba</i>	Non-native	1	18			4.5	Improbable	Fair	Remove	Minor branch dieback; healthy crown; good form; vine growth.
1014	Eastern White Cedar	<i>Thuja occidentalis</i>	Native	1	23			3.0	Improbable	Fair	Remove	Sparse crown; intensive poison ivy growth resulting in canopy competition and possible girdling.
1015	White Mulberry	<i>Morus alba</i>	Non-native	1	13			3.0	Improbable	Fair	Remove	Upright form; crown mostly intact.
1016	White Mulberry	<i>Morus alba</i>	Non-native	1	10			3.0	Improbable	Fair	Remove	Upright form; mostly intact crown.
1017	Common Apple	<i>Malus pumila</i>	Non-native	1	11			4.0	Possible	Fair	Remove	Heavy lean west; curved stem; pressure from adjacent dead snag.
1018	White Ash	<i>Fraxinus americana</i>	Native	1	33			4.0	Possible	Dead	Remove	EAB galleries; loose bark; woodpecker holes; intensive vine growth.
1019	White Mulberry	<i>Morus alba</i>	Non-native	1	39	34		6.0	Possible	Good	Remove	Codominant stems; three leaders; included bark; vine growth; sprawling form.
1020	White Mulberry	<i>Morus alba</i>	Non-native	1	11			3.0	Probable	Good	Remove	Failed leader resulting in lateral stem growth; very weak attachment.
1021	Common Apple	<i>Malus pumila</i>	Non-native	1	20			5.0	Possible	Poor	Remove	Leans west; epicormic shoots; phototropic growth; failed branches.
1022	Eastern White Cedar	<i>Thuja occidentalis</i>	Native	1	16			2.5	Improbable	Fair	Remove	Heavily shaded by adjacent trees; weak leader; sparse crown.
1023	White Mulberry	<i>Morus alba</i>	Non-native	3	39	26	16	5.0	Possible	Good	Remove	Multiple codominant leaders; second stem connected at root flare; included bark with bulging growth; bacterial ooze.
1024	White Mulberry	<i>Morus alba</i>	Non-native	1	23			5.0	Improbable	Good	Remove	Sealed stem fissure; minor vine growth.
1025	White Mulberry	<i>Morus alba</i>	Non-native	1	20			3.5	Improbable	Fair	Remove	Crown suppression; some canopy dieback from light stress.
1026	White Mulberry	<i>Morus alba</i>	Non-native	2	46	29		6.0	Possible	Good	Remove	Codominant, diverging stems; included bark; sprawling crown.
1027	Black Cherry	<i>Prunus serotina</i>	Native	2	68	39		6.0	Possible	Good	Remove	Historical structural branch failure; codominant stems; included bark; vine growth.
1028	Common Apple	<i>Malus pumila</i>	Non-native	2	15	13		3.5	Possible	Fair	Remove	Staining around root flare; codominant stems; included bark; leaning over path.
1030	Common Apple	<i>Malus pumila</i>	Non-native	1	18			3.0	Improbable	Good	Remove	Codominant leaders; included bark; slight lean towards trail; healthy crown.
1031	White Ash	<i>Fraxinus americana</i>	Native	1	20			4.5	Improbable	Fair	Remove	Full crown; bark splitting indicative of EAB infestation.
1032	Eastern White Cedar	<i>Thuja occidentalis</i>	Native	1	17			1.5	Possible	Poor	Remove	Many stem wounds; suppressed canopy; vine growth.
1033	White Ash	<i>Fraxinus americana</i>	Native	1	22			3.5	Possible	Very Poor	Remove	80% dieback; bark splitting; EAB; woodpecker holes.
1034	Common Apple	<i>Malus pumila</i>	Non-native	1	13			2.5	Possible	Fair	Remove	Past pruning cuts; bark splitting; crown overhanging path.
1036	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	48			5.0	Improbable	Fair	Remove	Extensive vine growth on lower half of tree; minor defoliation.
1037	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	51			4.0	Improbable	Good	Remove	Healthy crown; good form; some vine growth.
1038	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	115			6.0	Possible	Good	Remove	Codominant stems; burl; historical branch failure; healthy crown.
1039	Hawthorn sp.	<i>Crataegus sp.</i>	Native	3	19	17	17	4.0	Possible	Poor	Remove	Multiple mid-sized stems; fused stems; epicormic shoots; historical failure; fruiting bodies; cavities.
1041	Common Apple	<i>Malus pumila</i>	Non-native	1	26	24	21	7.0	Possible	Fair	Remove	Multiple mid-sized stems; basal cavity; girdling roots; epicormic shoots.
1042	White Ash	<i>Fraxinus americana</i>	Native	1	20			3.0	Improbable	Fair	Remove	Healthy crown; minor defoliation; few stem wounds, sealed.
1043	White Ash	<i>Fraxinus americana</i>	Native	1	25			4.0	Improbable	Good	Remove	Healthy crown; no visible EAB damage.
1044	White Ash	<i>Fraxinus americana</i>	Native	1	24			3.5	Improbable	Good	Remove	Slight lean south; healthy crown; minor defoliation.
1045	White Ash	<i>Fraxinus americana</i>	Native	1	31			4.0	Possible	Very Poor	Remove	Live growth limited to few epicormic shoots; loose bark; EAB.
1046	Common Apple	<i>Malus pumila</i>	Non-native	3	35	28	27	5.0	Possible	Good	Remove	Codominant stems; included bark; fused tissue; healthy and full crown.

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1047	Willow sp.	<i>Salix sp.</i>	Native	3	26	13	12	3.0	Improbable	Fair	Remove	Low lateral branch; vine growth; lower branch dieback from light stress.
1048	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	60			4.5	Possible	Good	Remove	Codominant stems; heavy vine growth may cause failure of lower branch; healthy crown.
1049	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	26			3.0	Improbable	Good	Remove	Basal wound with exposed cambium, likely mower damage; healthy crown; minor twig dieback.
1050	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	13			1.0	Probable	Dead	Remove	Snag.
1051	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	21			2.5	Probable	Dead	Remove	Loose bark; insect galleries; decay.
1052	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	21			3.5	Possible	Good	Remove	Sealed stem wound; exposed cambium; vine growth.
1053	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	15			3.0	Possible	Fair	Remove	Dead second leader; suppressed crown; lower branch dieback.
1054	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	23			3.5	Improbable	Good	Remove	Healthy crown; good form.
1055	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	20			3.0	Possible	Good	Remove	Healthy crown; extensive vine growth throughout canopy.
1056	White Mulberry	<i>Morus alba</i>	Non-native	1	16			2.0	Probable	Dead	Remove	Armillaria root rot; fruiting bodies.
1057	Northern Red Oak	<i>Quercus rubra</i>	Native	1	38			6.0	Possible	Fair	Remove	Necrotic, warped leaves; defoliation; 20% dieback; asymmetrical crown; eroding base around path.
1058	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	21			3.0	Possible	Good	Remove	Extensive vine growth; limited but healthy crown.
1059	Manitoba Maple	<i>Acer negundo</i>	Native	1	10			2.5	Improbable	Fair	Remove	Basal shoots; leans east.
1060	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	19			4.0	Possible	Fair	Remove	Phototrophic leader, curved stem; extensive vine growth.
1061	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	23			3.5	Possible	Fair	Remove	Extensive vine growth throughout canopy; lower branch dieback.
1062	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	29			5.0	Improbable	Good	Remove	Healthy crown; minor dieback; vine growth.
1063	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	22			4.0	Possible	Poor	Remove	60% dieback; historical branch failure.
1064	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	24			4.0	Improbable	Good	Remove	Healthy crown; grapevine.
1065	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	24			2.5	Improbable	Good	Remove	Narrow, healthy crown; vine growth.
1066	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	16			3.0	Improbable	Good	Remove	Extensive vine growth in lower crown; lower branch dieback.
1067	Common Pear	<i>Pyrus communis</i>	Non-native	3	31	25	17	5.5	Possible	Fair	Remove	Healthy crown; sapsucker holes; some loose bark; historical pruning cuts.
1068	American Elm	<i>Ulmus americana</i>	Native	1	20			3.5	Possible	Dead	Remove	Dutch elm disease; loose bark.
1069	Northern Red Oak	<i>Quercus rubra</i>	Native	1	46			6.5	Improbable	Fair	Remove	10% dieback; good attachment; minor defoliation.
1070	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	15			4.5	Possible	Poor	Remove	40% dieback; curved base; phototrophic lean.
1071	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	17			3.0	Improbable	Fair	Remove	Leaning towards trail; phototrophic growth; healthy crown.
1072	American Beech	<i>Fagus grandifolia</i>	Native	1	23			5.0	Improbable	Fair	Remove	Beech leaf disease; epicormic shoots; no apparent dieback.
1073	Common Apple	<i>Malus pumila</i>	Non-native	3	31	29	29	5.0	Possible	Poor	Remove	Large basal wound with decay from stem failure; 25% dieback; fused tissue; weak attachment.
1074	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	16			2.0	Improbable	Fair	Remove	20% dieback; curved stem.
1075	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	14			4.0	Improbable	Fair	Remove	Minor canopy dieback; awkward phototrophic leader orientation; possible weak attachment.
1076	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	18			3.0	Improbable	Good	Remove	Healthy crown; competing shrubs and vines in lower canopy.
1077	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	15			2.0	Possible	Dead	Remove	Decay visible along stem; fruiting bodies; vine growth in canopy.
1078	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	13			1.0	Possible	Dead	Remove	Near total bark loss; surficial decay.
1079	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	15			1.0	Possible	Dead	Remove	Near total bark loss; surficial decay.
1080	American Beech	<i>Fagus grandifolia</i>	Native	1	17			3.0	Possible	Poor	Remove	Beech leaf disease; necrosis; 50% dieback.
1081	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	16			1.0	Possible	Dead	Remove	Near total bark loss; surficial decay; american bittersweet in canopy.
1082	Trembling Aspen	<i>Populus tremuloides</i>	Native	2	14	14		4.0	Possible	Fair	Remove	Diverging codominant stems; growing at edge of steep slope; included bark.
1083	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	10			2.0	Possible	Dead	Remove	Snag; at edge of steep slope.
1084	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	13			4.5	Improbable	Fair	Remove	Slight lean towards clearing; minor defoliation.

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Tree Inventory Data**

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1085	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	16			2.5	Improbable	Fair	Remove	Curved stem; grapevine; minor defoliation.
1086	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	15			2.0	Possible	Dead	Remove	Honey mushrooms indicative of root rot.
1087	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	14			4.0	Improbable	Good	Remove	Leans towards clearing; full from pathway around root flare; extensive grapevine growth.
1088	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	16			3.0	Improbable	Good	Remove	Curved stem; extensive grapevine growth.
1089	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	18			3.0	Improbable	Fair	Remove	Curved stem, possibly from historic failure of leader; extensive grapevine growth.
1090	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	18			2.5	Improbable	Fair	Remove	Minor defoliation; extensive grapevine growth.
1091	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	19			5.0	Possible	Fair	Remove	Branches overextended into clearing; minor twig dieback.
1092	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	18			2.5	Improbable	Fair	Remove	Curved stem; grapevine throughout canopy; healthy crown.
1093	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	12			2.0	Probable	Dead	Remove	Leaning into clearing; vine growth.
1094	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	16			3.0	Improbable	Good	Remove	Curved stem; grapevine throughout canopy; healthy crown.
1095	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	12			3.0	Improbable	Good	Remove	Leaning into clearing; minor defoliation; grapevine in canopy.
1096	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	17			3.0	Improbable	Fair	Remove	Extensive grapevine in lower canopy; girdling root.
1097	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	17			4.0	Improbable	Fair	Remove	Curved stem base; leans towards path; extensive grapevine growth.
1200	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	15			3.5	Improbable	Poor	Remove	Necrotic leaves; sparse crown; defoliation.
1201	Sugar Maple	<i>Acer saccharum</i>	Native	1	41			5.5	Improbable	Good	Remove	Basal shoots from girdling root; eroding base from drainage and paved pathway; few epicormic shoots; healthy crown.
1203	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	18			2.0	Possible	Dead	Remove	Extensive grapevine in canopy; bark partially intact.
1204	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	15			3.0	Possible	Very Poor	Remove	No remaining live crown; basal shoots; extensive grapevine growth.
1205	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	15			3.0	Possible	Poor	Remove	Fruiting bodies and fungal growth on bark; extensive grapevine in canopy; limited live growth.
1206	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	15			3.0	Improbable	Fair	Remove	Limited but healthy crown; grapevine in canopy; some fungal growth on bark.
1207	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	13			2.5	Improbable	Fair	Remove	Leaning west; weighed down by grapevine; limited canopy.
1208	Trembling Aspen	<i>Populus tremuloides</i>	Native	2	17	12		4.0	Improbable	Fair	Remove	Codominant stems joined at root flare; leaning west; 30% dieback in second leader.
1209	White Ash	<i>Fraxinus americana</i>	Native	1	29			5.0	Improbable	Fair	Remove	Full crown; no apparent dieback; leaves appear necrotic and defoliation along edges.
1210	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	12			2.5	Improbable	Fair	Remove	Sparse, narrow crown; lower branch dieback.
1211	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	14			2.5	Improbable	Fair	Remove	Minor defoliation; minor necrosis; slight lean west.
1212	Trembling Aspen	<i>Populus tremuloides</i>	Native	1	10			3.0	Improbable	Good	Remove	Minor defoliation; 40% dieback.
1213	White Ash	<i>Fraxinus americana</i>	Native	1	25			4.0	Possible	Very Poor	Remove	Possibly dead; unable to see top of canopy; very few if any leaves.
1214	Sugar Maple	<i>Acer saccharum</i>	Native	1	44			4.5	Improbable	Good	Remove	Minor leaf spotting; great structure.
1215	Common Pear	<i>Pyrus communis</i>	Non-native	2	40	21		5.0	Improbable	Fair	Remove	Few large dead branches; dead lower canopy due to sunlight suppression.
1216	Sugar Maple	<i>Acer saccharum</i>	Native	1	25			4.0	Improbable	Good	Remove	Lower crown suppression; phototropic growth west; minor leaf spotting.
1217	Sugar Maple	<i>Acer saccharum</i>	Native	2	29	24		4.5	Possible	Good	Remove	Codominant stems; included bark; fused tissue; suppressed crown oriented west.
1218	Sugar Maple	<i>Acer saccharum</i>	Native	1	10			4.0	Improbable	Fair	Remove	Asymmetrical crown due to crowding; some epicormic growth.
1219	White Ash	<i>Fraxinus americana</i>	Native	1	31			3.0	Possible	Dead	Remove	Peeling bark; signs of EAB; no live crown.
1220	Sugar Maple	<i>Acer saccharum</i>	Native	1	34			4.5	Improbable	Good	Remove	Exposed roots from eroding base; healthy full crown.
1221	Sugar Maple	<i>Acer saccharum</i>	Native	1	21			5.0	Improbable	Fair	Remove	Some epicormic growth; few dead branches.
1222	White Ash	<i>Fraxinus americana</i>	Native	1	14			2.0	Possible	Very Poor	Remove	80% canopy dieback; basal shoots; curved base; bark splitting.
1223	Eastern White Cedar	<i>Thuja occidentalis</i>	Native	1	18			1.0	Possible	Dead	Remove	Snag; complete suppression; recently dead.
1224	Sugar Maple	<i>Acer saccharum</i>	Native	2	27	25		6.0	Improbable	Fair	Remove	Asymmetrical crown; two stems starting to morph together; some epicormic growth.

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Tree Inventory Data

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1225	Sugar Maple	<i>Acer saccharum</i>	Native	1	23			4.0	Improbable	Good	Remove	Minor lower crown suppression; emerging second leader.
1226	Sugar Maple	<i>Acer saccharum</i>	Native	3	24	22	17	6.0	Improbable	Fair	Remove	Few dead branches; asymmetrical crown due to limited sun.
1227	Sugar Maple	<i>Acer saccharum</i>	Native	1	19			3.5	Improbable	Good	Remove	Slight lean west; minor crown suppression.
1228	American Elm	<i>Ulmus americana</i>	Native	1	15			4.0	Possible	Poor	Remove	90 degree lateral curve of stem to east; epicormic shoots; basal shoots; defoliation.
1229	American Elm	<i>Ulmus americana</i>	Native	1	12			7.0	Possible	Poor	Remove	Trunk straight then completely leans up slope out of the hedgerow (west) ; very thin crown.
1230	Sugar Maple	<i>Acer saccharum</i>	Native	2	27	34		7.0	Possible	Fair	Remove	Few cankers on main stems; larger stem sealing around smaller stem leaving large joining crack; few dead branches.
1231	Sugar Maple	<i>Acer saccharum</i>	Native	1	39			6.0	Improbable	Good	Remove	Exposed roots due to eroding base; healthy crown.
1232	American Elm	<i>Ulmus americana</i>	Native	1	11			3.0	Possible	Fair	Remove	Slight lean south; narrow crown; buttressed root.
1233	Sugar Maple	<i>Acer saccharum</i>	Native	1	23			5.0	Improbable	Fair	Remove	Thinner canopy; good root hold on slope.
1234	Sugar Maple	<i>Acer saccharum</i>	Native	1	21			4.0	Improbable	Good	Remove	Suppressed crown; slight lean west; minor lower branch dieback.
1235	Sugar Maple	<i>Acer saccharum</i>	Native	1	31			4.0	Improbable	Good	Remove	Healthy crown; great form; minor leaf spots; sapsucker damage.
1236	Sugar Maple	<i>Acer saccharum</i>	Native	1	26			6.0	Improbable	Fair	Remove	Asymmetrical crown due to crowding; good full crown.
1237	Sugar Maple	<i>Acer saccharum</i>	Native	1	22			5.0	Improbable	Fair	Remove	Asymmetrical crown due to crowding; some poor branch attachment.
1238	White Mulberry	<i>Morus alba</i>	Non-native	2	13	26		5.0	Possible	Fair	Remove	Very twisted trunk and limbs; numerous surface roots.
1239	White Mulberry	<i>Morus alba</i>	Non-native	1	32			7.0	Improbable	Fair	Remove	Twisted trunk; leaning west; few dead branches; thinner under canopy.
1240	Sugar Maple	<i>Acer saccharum</i>	Native	1	21			4.0	Improbable	Good	Remove	Slightly curved base; healthy crown; lower crown somewhat suppressed.
1241	Sugar Maple	<i>Acer saccharum</i>	Native	1	18			4.0	Improbable	Fair	Remove	Split stems just above DBH; poor attachment; stems leaning west towards golf course for sunlight.
1242	Sugar Maple	<i>Acer saccharum</i>	Native	1	36			6.0	Improbable	Good	Remove	Asymmetrical lower crown due east; exposed roots due to eroded base.
1243	American Elm	<i>Ulmus americana</i>	Native	1	18			5.5	Possible	Poor	Remove	90 degree lean of upper stem, to east; tissue fused with adjacent branch; epicormic shoots.
1244	Sugar Maple	<i>Acer saccharum</i>	Native	1	32			5.0	Improbable	Good	Remove	Asymmetrical crown due east; lower crown competing with adjacent shrubs and trees.
1245	Sugar Maple	<i>Acer saccharum</i>	Native	1	40			7.0	Improbable	Good	Remove	Exposed roots due to eroding base; healthy spreading crown.
1246	Sugar Maple	<i>Acer saccharum</i>	Native	1	28			5.0	Improbable	Good	Remove	Codominant upper leaders; some phototropic branching; healthy crown.
1247	Sugar Maple	<i>Acer saccharum</i>	Native	2	13	11		5.0	Improbable	Fair	Remove	Asymmetrical crown east; poor branch attachment; epicormic growth; lots of debris under canopy.
1248	Sugar Maple	<i>Acer saccharum</i>	Native	1	31			5.5	Improbable	Good	Remove	Asymmetrical, suppressed crown due east; curved phototropic branches.
1249	Sugar Maple	<i>Acer saccharum</i>	Native	1	28			4.0	Improbable	Good	Remove	Suppressed crown; curving phototropic stem.
1250	Sugar Maple	<i>Acer saccharum</i>	Native	1	11			#VALUE!	Improbable	Good	Remove	
1251	Sugar Maple	<i>Acer saccharum</i>	Native	1	15			5.0	Improbable	Fair	Remove	Asymmetrical crown; some epicormic growth; smaller secondary stem; few dead branches.
1252	Sugar Maple	<i>Acer saccharum</i>	Native	1	27			8.0	Improbable	Fair	Remove	Thinner canopy; asymmetrical going east; surface roots have a lot of fruiting bodies around them; few dead branches.
1253	Sugar Maple	<i>Acer saccharum</i>	Native	1	16			5.5	Improbable	Fair	Remove	Asymmetrical crown oriented east; epicormic shoots along stem; fruiting bodies near root flare.

Kettle Creek Golf Course
Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
1254	Sugar Maple	<i>Acer saccharum</i>	Native	1	17			5.0	Improbable	Good	Remove	Healthy crown; minor epicormic shoots; potential suppression in canopy.
1255	Sugar Maple	<i>Acer saccharum</i>	Native	1	27			5.0	Improbable	Poor	Remove	Slightly asymmetrical; few dead branches; pistol butt.
1256	Sugar Maple	<i>Acer saccharum</i>	Native	1	13			3.5	Improbable	Good	Remove	Lower crown outcompeted by neighbouring shrubs; sealed stem wounds; slight phototropic lean east.
1257	Common Apple	<i>Malus pumila</i>	Non-native	1	21			4.5	Possible	Poor	Remove	Fused branches; heavy upper lean east; poor attachment; epicormic shoots.
1258	Common Apple	<i>Malus pumila</i>	Non-native	1	18			5.0	Possible	Poor	Remove	Heavy lean east; epicormic shoots; lower branch dieback; leaf rust.
1259	Common Apple	<i>Malus pumila</i>	Non-native	1	13			4.0	Possible	Poor	Remove	Growing on lean east; numerous wounds sealing; epicormic growth; numerous dead branches; vines throughout.
1260	Sugar Maple	<i>Acer saccharum</i>	Native	1	50			7.0	Improbable	Fair	Remove	Good crown form.
1261	Sugar Maple	<i>Acer saccharum</i>	Native	1	31			5.0	Possible	Good	Remove	Pistol butt; vine growth in lower canopy; partially sealed root wounds; squirrel drey.
1262	Sugar Maple	<i>Acer saccharum</i>	Native	1	26			7.0	Improbable	Fair	Remove	Virginia creeper vines completely up trunk and into canopy; overall good form.
1263	Sugar Maple	<i>Acer saccharum</i>	Native	1	16			1.5	Possible	Dead	Remove	Large stem wounds; completely overrun by Virginia Creeper.
1264	Sugar Maple	<i>Acer saccharum</i>	Native	1	25			5.0	Improbable	Fair	Remove	Some poor attachment; double leader with strong attachment; few dead branches.
1265	Sugar Maple	<i>Acer saccharum</i>	Native	1	28			4.0	Improbable	Fair	Remove	Codominant upper leaders; stem wounds with possible bacterial ooze and staining; minor dieback in crown.
1266	Sugar Maple	<i>Acer saccharum</i>	Native	1	21			4.0	Improbable	Fair	Remove	Poor branch attachment; slight lean.
1267	Sugar Maple	<i>Acer saccharum</i>	Native	1	28			4.5	Improbable	Good	Remove	Crown somewhat suppressed; good attachment.
1268	Sugar Maple	<i>Acer saccharum</i>	Native	1	42			8.0	Improbable	Fair	Remove	Some twisted large branches; epicormic growth; few branches growing into one another.
1269	Sugar Maple	<i>Acer saccharum</i>	Native	1	23			5.0	Improbable	Fair	Remove	Suppressed crown; epicormic growth.
1270	Sugar Maple	<i>Acer saccharum</i>	Native	1	26			3.0	Improbable	Good	Remove	Upper crown curved eastward; lower branch dieback, likely from light suppression.
1271	Sugar Maple	<i>Acer saccharum</i>	Native	1	20			3.0	Improbable	Fair	Remove	Small crown due to lack of sun; numerous dead branches.
1272	Sugar Maple	<i>Acer saccharum</i>	Native	1	15			3.5	Improbable	Fair	Remove	Epicormic shoots; defoliation; leaf spots; suppressed crown.
1273	Sugar Maple	<i>Acer saccharum</i>	Native	1	18	16		5.0	Possible	Fair	Remove	Codominant leaders; included bark; root girdling; epicormic shoots; crown leaning south.
1274	Sugar Maple	<i>Acer saccharum</i>	Native	1	19			3.0	Improbable	Fair	Remove	Thin and small canopy due to crowding; epicormic growth.
1275	Sugar Maple	<i>Acer saccharum</i>	Native	1	24			5.0	Improbable	Fair	Remove	Some leaf wilt; defoliation; pistol butt; base suspended on eroding slope.
1276	Sugar Maple	<i>Acer saccharum</i>	Native	1	15			2.0	Improbable	Poor	Remove	Pistol butt; wilting leaves; epicormic growth; small crown.
1277	Sugar Maple	<i>Acer saccharum</i>	Native	1	22			4.0	Improbable	Good	Remove	Asymmetrical crown due south; somewhat suppressed; healthy foliage.
1278	American Elm	<i>Ulmus americana</i>	Native	1	27			5.0	Possible	Very Poor	Remove	Little to no canopy; bacterial sludge seeping from bark; staining; majority of large branches dead.
1279	Sugar Maple	<i>Acer saccharum</i>	Native	1	14			2.0	Improbable	Fair	Remove	Small crown due to crowding.
1280	Sugar Maple	<i>Acer saccharum</i>	Native	1	21			4.5	Improbable	Good	Remove	Curved base; slight lean west; suppressed crown.
1281	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	36			4.0	Improbable	Fair	Remove	Lower crown competition with adjacent sub-canopy trees; vine growth.

**Kettle Creek Golf Course
Tree Inventory Data**

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
1282	Large-toothed Aspen	<i>Populus grandidentata</i>	Native	1	21			4.0	Probable	Fair	Remove	Twisted trunk; few dead branches; epicormic growth; large wound midway up trunk showing decay.
1283	Large-toothed Aspen	<i>Populus grandidentata</i>	Native	1	15			2.0	Probable	Poor	Remove	Very large decaying wound up trunk; large crack; small crown.
1284	Eastern Cottonwood	<i>Populus deltoides</i>	Native	2	43	19		4.5	Improbable	Good	Remove	Leaders joined at root flare; crown somewhat suppressed by adjacent trees; healthy foliage.
1285	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	17			3.0	Improbable	Fair	Remove	Thinner crown due to crowding; overall good few dead branches.
1286	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	30			6.0	Improbable	Fair	Remove	Good crown structure; stained crack approximately 1m long from base of the tree.
1287	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	32			4.0	Improbable	Good	Remove	Minor crown defoliation; minor lower branch dieback.
1288	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	15			2.5	Improbable	Fair	Remove	Minor lower branch dieback; sparse crown.
1289	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	29			5.0	Improbable	Fair	Remove	Covered in grape vine; only leaves in upper canopy.
1290	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	11			3.0	Possible	Fair	Remove	Pistol butt; weak attachment; dead basal leaders.
1291	Blue Spruce	<i>Picea pungens</i>	Non-native	1	17			2.0	Improbable	Fair	Remove	Slight thin crown; grape vine up trunk.
1292	White Fir	<i>Abies concolor</i>	Non-native	1	28			3.0	Improbable	Good	Remove	Grapevine through canopy; self-pruning.
1293	White Fir	<i>Abies concolor</i>	Non-native	1	26			3.5	Improbable	Good	Remove	Full, healthy crown; good form.
1294	White Fir	<i>Abies concolor</i>	Non-native	1	28			2.5	Improbable	Good	Remove	Full, healthy crown; good form.
1295	Sugar Maple	<i>Acer saccharum</i>	Native	2	27	13		7.0	Improbable	Poor	Remove	Two main stems(split after DBH) have poor attachment with staining; third stem from almost base of trunk; overall poor attachment.
1296	White Ash	<i>Fraxinus americana</i>	Native	1	47			5.0	Probable	Dead	Remove	Emerald ash borer; some bark intact; fruiting bodies at base.
1297	Sugar Maple	<i>Acer saccharum</i>	Native	1	18			5.0	Possible	Good	Remove	Pistol butt lateral branch with partially sealed wound, oriented east; suppressed crown.
1298	Sugar Maple	<i>Acer saccharum</i>	Native	1	10			4.0	Improbable	Fair	Remove	Suppressed asymmetrical crown.
1299	Sugar Maple	<i>Acer saccharum</i>	Native	1	46			5.5	Improbable	Good	Remove	Healthy, full crown; great form; good attachment.
1300	Sugar Maple	<i>Acer saccharum</i>	Native	1	13			3.0	Improbable	Good	Remove	Crown somewhat suppressed; curved base.
1301	Sugar Maple	<i>Acer saccharum</i>	Native	1	15			5.0	Improbable	Fair	Remove	Suppressed asymmetrical crown; overall fair structure.
1302	Sugar Maple	<i>Acer saccharum</i>	Native	1	32			4.5	Improbable	Good	Remove	Girdling root; crown oriented east.
1303	Sugar Maple	<i>Acer saccharum</i>	Native	1	15			2.0	Imminent	Dead	Remove	Fruiting bodies at base; bark completely peeled off; only main branches remain.
1304	Sugar Maple	<i>Acer saccharum</i>	Native	1	12			4.0	Improbable	Fair	Remove	Asymmetrical crown; few dead branches.
1305	Sugar Maple	<i>Acer saccharum</i>	Native	1	29			5.5	Improbable	Good	Remove	Brush piled around base; codominant leaders; lower branch dieback.
1306	Sugar Maple	<i>Acer saccharum</i>	Native	1	30			6.0	Improbable	Good	Remove	Asymmetrical crown due east; crown overhanging building; sapsucker holes.
1307	Sugar Maple	<i>Acer saccharum</i>	Native	1	24			7.0	Probable	Very Poor	Remove	Numerous types of fruiting bodies at base; cavities; large rotting patch at base; peeling bark; one branch still has full canopy, otherwise dead.
1308	Sugar Maple	<i>Acer saccharum</i>	Native	1	47			7.0	Possible	Good	Remove	Asymmetrical crown due east; overhanging building; girdling root; large, twisted, sealed trunk fissure.
1309	Sugar Maple	<i>Acer saccharum</i>	Native	2	13	11		6.0	Improbable	Fair	Remove	Epicormic growth; twisted branches; suppressed crown.
1310	Sugar Maple	<i>Acer saccharum</i>	Native	1	24			4.0	Improbable	Good	Remove	Fused roots; suppressed crown; 5% dieback.
1311	Sugar Maple	<i>Acer saccharum</i>	Native	1	40			6.0	Possible	Good	Remove	Girdling roots; codominant leaders; branches overhanging building.
1312	White Mulberry	<i>Morus alba</i>	Non-native	1	36			4.0	Probable	Poor	Remove	Historical branch failure; broken structural branch; basal wound with ooze; curved base.
1313	White Mulberry	<i>Morus alba</i>	Non-native	1	34	16		4.0	Probable	Poor	Remove	Major historical branch failure; stem cavity and fissures; bacterial ooze; included bark; poor attachment.
1314	Black Walnut	<i>Juglans nigra</i>	Native	1	30			7.0	Improbable	Fair	Remove	Slightly asymmetrical crown; few dead branches; debris within canopy area.

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Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
1315	Sugar Maple	<i>Acer saccharum</i>	Native	1	10			2.5	Improbable	Good	Remove	Narrow, suppressed crown; grapevine in canopy.
1316	Sweet Cherry	<i>Prunus avium</i>	Non-native	1	13			2.0	Improbable	Fair	Remove	Suppressed crown; slight lean.
1317	Sugar Maple	<i>Acer saccharum</i>	Native	1	12			2.5	Improbable	Good	Remove	Emerging second upper leader; canopy suppression; phototropic orientation east.
1318	Manitoba Maple	<i>Acer negundo</i>	Native	2	13	24		7.0	Improbable	Fair	Remove	Leaning east; debris underneath crown; poor branch attachment.
1319	White Ash	<i>Fraxinus americana</i>	Native	1	26			4.0	Possible	Fair	Remove	Codominant upper leaders; sealed trunk wounds; minor bark splitting; healthy canopy; early stage EAB infestation.
1320	Sugar Maple	<i>Acer saccharum</i>	Native	1	13			6.0	Improbable	Fair	Remove	Growing next to wearhouse; asymmetrical crown east; few dead branches.
1321	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	26			5.0	Improbable	Fair	Retain	Large trunk fissure, partially sealed; lower branch dieback; codominant upper leaders; included bark.
1322	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	40			5.5	Possible	Good	Prune	Codominant upper leaders; spreading crown overhanging structure; epicormic shoots.
1323	Eastern Cottonwood	<i>Populus deltoides</i>	Native	2	27	24		4.0	Improbable	Fair	Retain	Dead branches in lower canopy; multiple leaders; epicormic growth.
1324	Norway Maple	<i>Acer platanoides</i>	Non-native	1	33			6.0	Improbable	Fair	Retain	Mechanical damage to surface roots; poor branch attachment.
1325	Norway Maple	<i>Acer platanoides</i>	Non-native	1	23			4.5	Possible	Fair	Retain	Mower damage at root flare; stem fissures; stem girdling from wires; historical branch failures.
1326	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	32			8.0	Improbable	Fair	Retain	Growing on strong lean west; evidence of branch failures and pruning; epicormic growth.
1327	Norway Maple	<i>Acer platanoides</i>	Non-native	1	39			5.0	Improbable	Good	Retain	Mechanical wounds on lower branches; mower damage to roots; healthy crown.
1328	White Spruce	<i>Picea glauca</i>	Native	1	20			3.0	Improbable	Very Poor	Retain	Very little live branches; extreme dieback.
1329	Norway Maple	<i>Acer platanoides</i>	Non-native	1	29			5.0	Possible	Good	Prune	Mechanical wounds to lower branches may result in failure; healthy crown; minor dieback; mower damage to root flare.
1330	White Spruce	<i>Picea glauca</i>	Native	1	20			2.0	Improbable	Very Poor	Retain	Excessive dieback; majority of branches without foliage.
1331	Norway Spruce	<i>Picea abies</i>	Non-native	1	28			4.0	Improbable	Good	Remove	Healthy crown; low lying branches; good form.
1332	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	24			6.0	Improbable	Fair	Remove	Numerous dead branches; slight curve in trunk.
1333	Black Walnut	<i>Juglans nigra</i>	Native	3	16	15	11	4.5	Improbable	Fair	Remove	Minor defoliation; multiple codominant stems; minor necrosis.
1334	Black Walnut	<i>Juglans nigra</i>	Native	2	14	14		4.0	Improbable	Fair	Retain	Good crown structure; few dead branches.
1335	Black Walnut	<i>Juglans nigra</i>	Native	1	24			6.0	Improbable	Fair	Retain	Good crown structure; few dead branches.
1336	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	81			8.0	Possible	Good	Retain	Stem growing on raised mound adjacent to road; eroding base; root damage from road paving and removal of neighbouring tree; 10% dieback.
1337	Blue Spruce	<i>Picea pungens</i>	Non-native	1	29			2.5	Improbable	Fair	Remove	Dieback ; evidence of pruning; thinner crown.
1338	Blue Spruce	<i>Picea pungens</i>	Non-native	1	21			1.0	Improbable	Fair	Remove	Some dieback; overall good form.
1339	Japanese Maple	<i>Acer japonicum</i>	Non-native	2	12	10		3.0	Improbable	Good	Remove	Good form; healthy crown.
1340	Bradford Pear	<i>Pyrus calleryana</i>	Non-native	1	14			1.0	Improbable	Good	Remove	Good condition; maintained.
1341	Chanticleer Pear	<i>Pyrus calleryana</i> 'Chanticleer'	Non-native	1	13			2.0	Improbable	Fair	Remove	Basal shoots indicative of stress; no apparent crown dieback.
1342	Bradford Pear	<i>Pyrus calleryana</i>	Non-native	1	14			1.0	Improbable	Good	Remove	Good condition; maintained.
1343	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	39			6.0	Improbable	Fair	Remove	Dead branches in undercanopy; overall good form.
1344	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	24			3.5	Improbable	Fair	Remove	Asymmetrical crown due east; lower branch dieback from light stress.
1345	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	30			6.0	Improbable	Fair	Remove	Dead branches in undercanopy; overall good form.

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Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
1346	Blue Spruce	<i>Picea pungens</i>	Non-native	1	23			2.0	Improbable	Fair	Remove	Minor needle browning; grapevine in canopy; canopy suppression.
1347	Blue Spruce	<i>Picea pungens</i>	Non-native	1	22			1.0	Improbable	Fair	Remove	Extreme dieback; numerous dead branches.
1348	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	28			7.0	Improbable	Fair	Remove	Few dead branches; overall good form.
1349	White Ash	<i>Fraxinus americana</i>	Native	1	30			4.0	Possible	Very Poor	Remove	Live growth limited to basal shoots; bark mostly intact; EAB.
1350	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	38			7.0	Improbable	Fair	Remove	Few dead branches; overall good form
1351	Blue Spruce	<i>Picea pungens</i>	Non-native	1	22			2.5	Improbable	Good	Remove	Codominant stems; included bark; minor canopy suppression.
1352	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			3.0	Improbable	Poor	Remove	Extreme dieback; very few needles on branches.
1353	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	34			5.0	Improbable	Fair	Remove	Mower damage to root flare; 10% dieback.
1354	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	38			5.0	Improbable	Fair	Remove	Peeling bark; basal shoots and epicormic growth are main growth; main branches dead; evidence of EAB.
1355	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	36			5.5	Improbable	Fair	Remove	Mower damage to root flare and exposed roots; 10% dieback; asymmetrical crown due west
1356	Blue Spruce	<i>Picea pungens</i>	Non-native	1	23			3.0	Improbable	Good	Remove	Dirt mounded at base; crown suppressed and oriented to west.
1357	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	39			6.0	Improbable	Fair	Remove	Basal shoots; good form.
1358	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	37			6.5	Improbable	Good	Remove	Full, healthy crown; lower branch dieback due to light stress.
1359	Blue Spruce	<i>Picea pungens</i>	Non-native	1	16			2.5	Improbable	Fair	Remove	Suppressed crown; needle dieback.
1360	Blue Spruce	<i>Picea pungens</i>	Non-native	1	27			2.0	Improbable	Poor	Retain	Suppressed crown; aggressive dieback.
1361	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	35			4.5	Improbable	Fair	Retain	Epicormic shoots; vigorous basal shoots; some defoliation; raised crown.
1362	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.0	Improbable	Fair	Remove	Assymetrical growth southwest due to adjacent trees; light pruning; minor dieback of lower branches.
1363	Blue Spruce	<i>Picea pungens</i>	Non-native	1	20			2.0	Improbable	Fair	Remove	Shade pruning due to position in hedgerow causing defoliation of lower crown.
1364	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	33			3.5	Improbable	Fair	Remove	Codominant stems with included bark; assymetrical growth and slight lean south; many small epicormic shoots at base.
1365	Amur Maple	<i>Acer ginnala</i>	Non-native	7	11	11	11	4.0	Improbable	Good	Retain	Multiple codominant stems with lean, minor epicormic growth.
1366	Amur Maple	<i>Acer ginnala</i>	Non-native	2	15	14		5.0	Improbable	Good	Remove	Root wounds; codominant stems; included bark; crown oriented north; burn marks on stem.
1367	Amur Maple	<i>Acer ginnala</i>	Non-native	1	20			4.0	Improbable	Fair	Remove	Epicormic shoots; swollen base; minor crown dieback; stem wounds.
1368	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			2.0	Improbable	Fair	Remove	Assymetrical growth south due to adjacent trees; light pruning; minor dieback of lower branches.
1369	Amur Maple	<i>Acer ginnala</i>	Non-native	3	22	17	13	5.0	Improbable	Good	Remove	Multiple codominant stems, crown leans significantly north, phototropic growth, minor girdling roots.
1370	Amur Maple	<i>Acer ginnala</i>	Non-native	5	21	15	12	4.5	Possible	Poor	Remove	Multiple codominant stems joined at base; epicormic shoots; asymmetrical crown oriented north; fused stems.
1371	Blue Spruce	<i>Picea pungens</i>	Non-native	1	20			2.0	Improbable	Fair	Remove	Assymetrical growth south due to adjacent trees; light pruning; minor dieback of lower branches.
1372	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	40			5.0	Improbable	Good	Remove	Leans slightly east, codominant leaders with included bark.
1373	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			3.0	Improbable	Good	Remove	Asymmetrical crown oriented south; limited live crown due to light stress; crown suppression.

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Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
1374	Norway Maple	<i>Acer platanoides</i>	Non-native	1	48			4.0	Improbable	Fair	Remove	Exposed roots with mechanical damage; some decay at base; codominant leaders with included bark.
1375	Blue Spruce	<i>Picea pungens</i>	Non-native	1	16			2.0	Improbable	Good	Remove	Minor defoliation due to competition for sunlight, excess cone production.
1376	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	36			3.0	Improbable	Fair	Remove	Slight lean south; exposed roots with minor mechanical damage; good form.
1377	Blue Spruce	<i>Picea pungens</i>	Non-native	1	26			3.0	Improbable	Good	Remove	Slight lean south, minor shade pruning.
1378	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	28			2.5	Improbable	Good	Remove	Phototropic branches; asymmetrical crown due west due to competition with adjacent trees; trunk growing on slope.
1379	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	19			2.0	Improbable	Poor	Remove	Cavity through base of stem with frass, minor epicormic growth, insect damage to leaves (beetles feeding).
1380	Norway Spruce	<i>Picea abies</i>	Non-native	1	35			4.5	Improbable	Good	Remove	Asymmetrical crown due east due to canopy suppression; competing shrub growth within lower canopy.
1381	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	35			3.0	Improbable	Fair	Remove	Codominant leaders with included bark; basal shoots; insect defoliation; previous pruning of lower branches.
1382	Norway Maple	<i>Acer platanoides</i>	Non-native	1	34			5.0	Improbable	Good	Remove	Codominant leaders with u-shaped union, slightly uneven crown.
1383	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			5.0	Improbable	Good	Remove	Crown suppression from adjacent tree; minor shrub growth.
1384	Norway Spruce	<i>Picea abies</i>	Non-native	1	30			2.0	Improbable	Good	Remove	Full, dense crown with no obvious defects.
1385	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	41			4.5	Possible	Fair	Remove	Girdled base from mower damage; extensive defoliation and necrosis at crown tips.
1386	Norway Spruce	<i>Picea abies</i>	Non-native	1	45			3.0	Improbable	Fair	Remove	Gumosis; minor dieback of lower branches.
1387	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.5	Improbable	Poor	Remove	Lower half of crown dead, small secondary vertical branch.
1388	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	38			6.0	Improbable	Good	Remove	Stem leans slightly east, codominant leaders, wide crown.
1389	Norway Spruce	<i>Picea abies</i>	Non-native	1	30			2.5	Improbable	Fair	Remove	Gumosis; exposed roots with mechanical damage; minor dieback.
1390	Blue Spruce	<i>Picea pungens</i>	Non-native	1	27			2.5	Improbable	Good	Remove	Mower damage to roots; full crown; self-pruning.
1391	Norway Maple	<i>Acer platanoides</i>	Non-native	1	21			2.0	Improbable	Fair	Remove	Seam crack down stem with some compartmentalization; LDD egg sacs; previous pruning of small lower branches.
1392	Blue Spruce	<i>Picea pungens</i>	Non-native	1	33			3.0	Possible	Fair	Remove	50% of canopy covered by grapevine; self-pruning.
1393	Blue Spruce	<i>Picea pungens</i>	Non-native	1	13			2.0	Improbable	Fair	Remove	Stunted growth form, leans slightly west, some defoliation of lower and inner branches.
1394	Norway Spruce	<i>Picea abies</i>	Non-native	1	45			4.5	Improbable	Good	Remove	Few overextended branches; minor grapevine in canopy; good form.
1395	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	36			4.0	Improbable	Fair	Remove	Significant insect damage due to beetles feeding on leaves, minor epicormic growth, leans south.
1396	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	42			5.0	Possible	Poor	Remove	Root girdling; vigorous basal shoots; extensive defoliation by Japanese Jewel Beetle resulting in skeletal crown.
1397	Blue Spruce	<i>Picea pungens</i>	Non-native	1	20			3.0	Improbable	Fair	Remove	Defoliation of lower and inner branches, several small vertical branches.
1398	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			2.5	Improbable	Good	Remove	Minor dieback in lower stems.
1399	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	25			4.5	Possible	Fair	Remove	Swollen base due to mower damage; basal shoots; healthy crown; some weak attachment.
1400	Blue Spruce	<i>Picea pungens</i>	Non-native	1	34			3.0	Improbable	Fair	Remove	Defoliation of lower and inner branches, vine entering canopy.
1401	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			2.5	Improbable	Good	Remove	Good form; minor dieback of lower branches.

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1402	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	35			6.5	Possible	Good	Remove	Mower damage to root flare; slight lean east; sprawling crown.
1403	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.0	Improbable	Good	Remove	Minor shade pruning, beetles present on foliage.
1404	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			3.0	Improbable	Fair	Remove	Gumosis; dieback of lower branches.
1405	Common Hackberry	<i>Celtis occidentalis</i>	Native	1	25			4.5	Possible	Fair	Remove	Girdling root; 10% canopy dieback; Hackberry Nipple Gall.
1406	Blue Spruce	<i>Picea pungens</i>	Non-native	1	35			1.5	Improbable	Fair	Remove	Dieback in lower half of branches; exposed roots with mechanical damage.
1407	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.0	Improbable	Poor	Remove	66% defoliation, lower half of crown previously removed.
1408	Norway Spruce	<i>Picea abies</i>	Non-native	1	28			4.0	Improbable	Fair	Retain	Few torn branches; resin seepage; crown somewhat suppressed.
1409	Blue Spruce	<i>Picea pungens</i>	Non-native	1	24			1.0	Possible	Very Poor	Remove	90% dieback of crown; previous pruning of lower third of branches; epicormic growth.
1410	Blue Spruce	<i>Picea pungens</i>	Non-native	1	23			3.0	Improbable	Fair	Remove	Self-pruning; crown somewhat sparse; crowded foliage.
1411	Norway Spruce	<i>Picea abies</i>	Non-native	1	45			3.5	Improbable	Fair	Remove	Gumosis; some dieback of lower branches.
1412	Blue Spruce	<i>Picea pungens</i>	Non-native	1	21			1.0	Improbable	Poor	Remove	Major defoliation, foliage browning, beetles present.
1413	Sweet Cherry	<i>Prunus avium</i>	Non-native	3	15	15	14	2.5	Possible	Poor	Remove	Several stem fissures; wounds and decay at root flare from mower damage; fruiting bodies and ants in stem wound; 20% canopy dieback.
1414	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	39			5.0	Improbable	Good	Remove	Codominant leaders with wide union, wide crown.
1415	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.0	Improbable	Fair	Remove	Minor dieback in lower half of crown.
1416	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	38			4.0	Improbable	Good	Remove	Few lowermost branches dead and could be removed, full, wide crown remaining.
1417	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			3.0	Improbable	Good	Remove	Few branch wounds; otherwise full, healthy crown; codominant leaders; included bark.
1418	Norway Spruce	<i>Picea abies</i>	Non-native	1	35			2.5	Improbable	Fair	Remove	Gumosis; dieback of lower branches.
1419	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	47			3.5	Improbable	Good	Remove	Stem leans outh but crown self-corrects, sapsucker damage, insect damage to foliage with beetles present throughout.
1420	Norway Spruce	<i>Picea abies</i>	Non-native	1	28			4.5	Improbable	Good	Remove	Overextended, low-lying branches; resin seepage.
1421	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	39			4.5	Possible	Fair	Remove	Defoliation by Japanese Jewel Beetle; leans south; mower damage to roots; leaf spots.
1422	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	29			2.0	Possible	Fair	Remove	Stem leaning southeast; reaction wood; exposed roots with mechanical damage; basal shoots; major insect defoliation.
1423	Blue Spruce	<i>Picea pungens</i>	Non-native	1	23			2.5	Improbable	Good	Remove	Minor shade pruning, good form.
1424	Blue Spruce	<i>Picea pungens</i>	Non-native	1	35			3.0	Possible	Fair	Remove	Bittersweet Nightshade growing in lower canopy; pistol butt structural branch; multiple upper leaders; included bark.
1425	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	45			2.5	Improbable	Fair	Remove	Exposed roots with mechanical damage; basal shoots; previous pruning of lower branches; some insect defoliation.
1426	Blue Spruce	<i>Picea pungens</i>	Non-native	1	21			2.0	Improbable	Good	Remove	Shade pruning of lower branches on north side full crown remains.
1427	Norway Spruce	<i>Picea abies</i>	Non-native	1	60			6.0	Improbable	Good	Remove	Great form; healthy crown; good attachment; low-lying branches.
1428	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	43			5.0	Improbable	Fair	Remove	Girdling root with mower damage; defoliation by Japanese Jewel Beetle; raised crown; few points of weak attachment.
1429	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.0	Improbable	Fair	Remove	Some dieback throughout lower half of crown.
1430	Blue Spruce	<i>Picea pungens</i>	Non-native	1	20			2.0	Improbable	Good	Remove	Slight lean to south self-corrects, full crow.

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Tree Inventory Data**

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1431	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	44			5.5	Possible	Fair	Remove	Basal shoots; nail gall; basal shoots; defoliation; pistol butt structural branch with mechanical wound; bird box.
1433	Blue Spruce	<i>Picea pungens</i>	Non-native	1	21			2.0	Improbable	Good	Remove	Codominant leaders at 3m, minor shade pruning.
1434	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	34			4.0	Improbable	Fair	Remove	Codominant leaders with included bark; minor dieback of lower branches; previous pruning of lower branches.
1435	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			3.0	Improbable	Fair	Remove	Sparse crown; minor needle browning; asymmetrical crown suppressed by adjacent tree.
1436	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			3.5	Improbable	Fair	Remove	Self-pruning; sparse crown; yellowing needles.
1437	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			2.0	Improbable	Fair	Remove	Some dieback throughout lower half of crown.
1438	Blue Spruce	<i>Picea pungens</i>	Non-native	1	31			3.0	Improbable	Poor	Remove	Significant defoliation with top of crown and some branches alive, competition for sunlight.
1439	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	37			4.5	Possible	Fair	Retain	Girdling roots; raised crown; sealed trunk fissure; basal shoots; defoliation from Japanese Jewel Beetle.
1440	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			1.5	Improbable	Fair	Retain	Asymmetrical growth south due to adjacent trees; light pruning; stem leaning slightly east; exposed roots with mechanical damage.
1441	Norway Spruce	<i>Picea abies</i>	Non-native	1	60			4.5	Improbable	Good	Retain	Low-lying branches; full healthy crown; good form.
1442	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	23			4.0	Improbable	Fair	Retain	Codominant leaders with included bark; asymmetrical growth north due to adjacent trees; basal wound with compartmentalization; minor dieback of lower branches.
1443	Norway Spruce	<i>Picea abies</i>	Non-native	1	54			4.5	Improbable	Good	Retain	Low-lying branches; healthy crown; minor suppression from neighboring tree.
1444	Blue Spruce	<i>Picea pungens</i>	Non-native	1	28			3.0	Improbable	Fair	Retain	Raised crown on eastern side; codominant leaders; torn branches on eastern side.
1445	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	38			4.0	Improbable	Good	Retain	Epicormic shoots at root flare, codominant leaders with included bark.
1446	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			3.5	Improbable	Fair	Retain	Assymetrical growth south due to adjacent tree; exposed roots with mechanical damage; light pruning.
1447	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	46			5.0	Improbable	Good	Retain	Dense crown, codominant leaders, no other obvious defects.
1448	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	89			10.0	Improbable	Good	Retain	Codominant leaders with included bark; exposed roots with mechanical damage.
1449	Black Walnut	<i>Juglans nigra</i>	Native	1	32			4.0	Improbable	Good	Retain	Slightly uneven crown due to competition for sunlight.
1450	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	7	25	23	19	4.0	Improbable	Good	Retain	Codominant stems but growing tightly, minor frost cracks.
1451	Black Walnut	<i>Juglans nigra</i>	Native	1	36			8.0	Improbable	Fair	Retain	Assymetrical growth north due to adjacent trees; codominant leaders with included bark; minor dieback of lower branches.
1452	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	85			8.0	Possible	Good	Prune	Large sprawling crown; few phototropic branches; few points of weak attachment; minor sealed wounds on stem.
1453	Blue Spruce	<i>Picea pungens</i>	Non-native	1	22			1.0	Possible	Poor	Retain	Major dieback, only top of crown and few branch ends alive.
1454	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	25			2.0	Possible	Very Poor	Retain	Main stem dead; smaller stem less than 10cm DBH alive.
1455	Blue Spruce	<i>Picea pungens</i>	Non-native	1	28			3.5	Improbable	Fair	Retain	Western side of crown suppressed by adjacent tree; raised crown; minor vine growth.
1456	Willow sp.	<i>Salix</i> sp.	Native	2	43	41		5.0	Improbable	Good	Retain	Codominant stems with included bark, minor epicormic growth, full crown.
1457	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	37			6.0	Improbable	Fair	Retain	Assymetrical growth east due to adjacent trees; codominant leaders with included bark; some dieback of lower branches.

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Tree Inventory Data

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1458	Norway Spruce	<i>Picea abies</i>	Non-native	1	45			6.0	Improbable	Fair	Retain	Minor mower damage to roots; crown suppressed by adjacent trees.
1459	Norway Maple	<i>Acer platanoides</i>	Non-native	1	42			5.5	Possible	Fair	Retain	Twisted and fused structural branches; minor twig dieback; grapevine.
1460	Blue Spruce	<i>Picea pungens</i>	Non-native	1	20			1.5	Improbable	Fair	Retain	Grapevine throughout upper canopy, some shade pruning.
1461	Blue Spruce	<i>Picea pungens</i>	Non-native	1	20			1.5	Improbable	Fair	Retain	Assymetrical growth south due to adjacent tree; light pruning; vines throughout crown.
1462	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	39			4.0	Improbable	Good	Retain	Very minor cavities due to improper pruning cuts, minor included bark.
1463	Norway Spruce	<i>Picea abies</i>	Non-native	1	52			4.5	Improbable	Good	Retain	Crown suppressed to south due to competition with adjacent tree; some historical pruning.
1464	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	40			2.5	Improbable	Fair	Retain	Assymetrical growth south due to adjacent tree; codominant leaders with included bar; vines throughout crown; minor insect defoliation; basal shoots less than 10cm DBH.
1465	Black Walnut	<i>Juglans nigra</i>	Native	1	28			3.5	Possible	Fair	Retain	Codominant stems; swollen included bark; sealed stem wounds; asymmetrical crown due north.
1466	Black Walnut	<i>Juglans nigra</i>	Native	2	18	20		4.0	Improbable	Good	Retain	Codominant stems with included bark, stems rub slightly, grapevine entering canopy.
1467	Black Walnut	<i>Juglans nigra</i>	Native	1	40			4.0	Improbable	Good	Retain	Small wound with callous on stem, growing on edge of bank.
1468	Black Walnut	<i>Juglans nigra</i>	Native	1	144			10.5	Possible	Fair	Retain	Weak attachment of structural branch; 15% dieback; historical failure.
1469	Eastern White Pine	<i>Pinus strobus</i>	Native	1	47			5.5	Improbable	Good	Remove	Raised crown; codominant leaders; included bark.
1470	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	36			4.0	Improbable	Good	Remove	Minor epicormic growth, slight lean self-corrects.
1471	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	40			3.0	Improbable	Fair	Remove	Basal shoots; minor insect defoliation; exposed roots with mechanical damage.
1472	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	34			5.0	Probable	Fair	Remove	Hanger from recently broken branch; codominant leaders with included bark; some lower branches dead.
1473	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	1473			4.0	Improbable	Good	Remove	Minor insect damage, beetles present, codominant leaders with included bark.
1474	Eastern White Pine	<i>Pinus strobus</i>	Native	3	39	27	17	5.5	Possible	Good	Remove	Central stem with large, upwards-oriented lateral branches; codominant leaders; historical failure.
1475	Eastern White Pine	<i>Pinus strobus</i>	Native	1	39			4.0	Improbable	Good	Remove	Small girdling root, several secondary vertical branches.
1476	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	42			4.0	Improbable	Fair	Remove	Codominant leaders with included bark; some insect defoliation.
1477	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	40			4.5	Improbable	Good	Remove	Calloused previous wound likely from mower, slight lean towards south.
1478	Eastern White Pine	<i>Pinus strobus</i>	Native	3	33			4.0	Improbable	Fair	Remove	Swollen root flare from mower damage; raised crown; suppressed on south side.
1479	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	25			5.0	Improbable	Fair	Remove	Codominant leaders with included bark; dieback of lower branches.
1480	White Spruce	<i>Picea glauca</i>	Native	3	29			4.0	Improbable	Good	Remove	Decurrent form; minor vine growth.
1481	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			2.0	Improbable	Good	Remove	Minor shade pruning on one side, leader slightly out of line with stem.
1482	White Spruce	<i>Picea glauca</i>	Native	1	25			2.0	Possible	Poor	Remove	Dieback throughout lower half of crown; poor vigour.
1483	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	17			2.0	Possible	Very Poor	Remove	Major dieback, insect damage with beetles present, leader dead, history of pruning to remove dead branches.
1484	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	28			7.5	Improbable	Good	Remove	Slight lean west; mower damage to exposed roots; bark staining around sealed fissure.
1485	Blue Spruce	<i>Picea pungens</i>	Non-native	1	18			1.0	Improbable	Fair	Remove	Growing immediately adjacent to small mulberry, minor dieback.

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1486	Blue Spruce	<i>Picea pungens</i>	Non-native	1	38			2.0	Improbable	Fair	Remove	Some yellowing needles; self-pruning.
1487	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	35			3.5	Improbable	Fair	Remove	Codominant leaders with included bark; minor dieback of lower branches.
1488	White Spruce	<i>Picea glauca</i>	Native	1	26			3.0	Improbable	Good	Remove	Heavy seed crop; full crown; minor dieback.
1489	Blue Spruce	<i>Picea pungens</i>	Non-native	1	29			2.0	Improbable	Good	Remove	Codominant leaders at 1m, minor shade pruning in lower branches, but full crown.
1490	Norway Spruce	<i>Picea abies</i>	Non-native	1	35			2.5	Improbable	Good	Remove	No visible defects; good vigour.
1491	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	28			4.0	Improbable	Fair	Remove	Wounds and swelling at root flare due to mower damage; historical pruning; minor twig dieback.
1492	Norway Spruce	<i>Picea abies</i>	Non-native	1	36			3.0	Improbable	Good	Remove	Leader out of line with stem, minor shade pruning.
1493	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.5	Improbable	Fair	Remove	Asymmetrical crown; west side suppressed by neighboring tree.
1494	Common Hackberry	<i>Celtis occidentalis</i>	Native	1	37			4.0	Improbable	Fair	Remove	Exposed roots with mechanical damage; minor dieback of lower branches; minor insect defoliation.
1495	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	23			3.0	Possible	Fair	Remove	Large, swollen root flare from mower damage; wounds on exposed roots; dieback of lower branches; codominant leaders; included bark.
1496	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			5.0	Improbable	Fair	Remove	Top of main stem broken off; secondary vertical leaders; minor dieback.
1497	Balsam Fir	<i>Abies balsamea</i>	Native	1	23			1.0	Improbable	Fair	Retain	Mower damage to root flare and stem, lower branches pruned, minor dieback.
1498	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	23			4.5	Improbable	Fair	Remove	Wounds to root flare from mower damage; minor lower branch dieback.
1499	Freeman's Maple	<i>Acer x freemanii</i>	Native	1	34			4.5	Improbable	Good	Remove	Some crowded branching; fused leaders; wounded girdling root.
1500	Maiden-hair Tree	<i>Ginkgo biloba</i>	Non-native	1	22			1.5	Improbable	Fair	Remove	Codominant leaders with included bark; good vigour.
1701	Red Maple	<i>Acer rubrum</i>	Native	1	12			2.0	Possible	Good	Remove	Wounds at root flare; stem wound; minor lead rust.
1702	Norway Spruce	<i>Picea abies</i>	Non-native	1	30			3.0	Improbable	Good	Remove	Exuding sap in a few small areas.
1703	Sugar Maple	<i>Acer saccharum</i>	Native	1	16			3.0	Possible	Fair	Remove	Wounds at root flare from mower damage; large basal wounds, partially sealed; minor twig dieback; defoliation from Japanese Jewel Beetle.
1704	Norway Maple	<i>Acer platanoides</i>	Non-native	1	41			4.0	Improbable	Good	Remove	Mower damage to exposed roots, minor insect damage with beetles present on leaves.
1705	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			1.5	Improbable	Fair	Remove	Exposed root with mechanical damage; some dieback in lower crown.
1706	Blue Spruce	<i>Picea pungens</i>	Non-native	1	28			2.5	Improbable	Fair	Remove	Live crown limited due to suppression on east and west sides.
1707	Norway Maple	<i>Acer platanoides</i>	Non-native	1	37			5.0	Improbable	Good	Remove	Minor mower damage to exposed roots, minor included bark.
1708	White Spruce	<i>Picea glauca</i>	Native	1	24			3.0	Possible	Good	Remove	Historical stem girdling; resin seepage; somewhat sparse crown.
1709	White Spruce	<i>Picea glauca</i>	Native	1	20			2.0	Improbable	Fair	Remove	Assymetrical growth north due to adjacent trees; minor dieback of lower branches.
1710	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	36			5.5	Improbable	Fair	Remove	Vigorous basal shoots; extensive defoliation due to Japanese Jewel Beetle; wounds from past pruning cuts.
1711	Blue Spruce	<i>Picea pungens</i>	Non-native	1	47			3.0	Improbable	Good	Remove	Minor shade pruning, slightly uneven lower crown due to competition for sunlight.
1712	Blue Spruce	<i>Picea pungens</i>	Non-native	1	16			2.0	Improbable	Good	Remove	Leans slightly south, competition for sunlight.
1713	Blue Spruce	<i>Picea pungens</i>	Non-native	1	27			2.0	Improbable	Excellent	Remove	Full crown, good form, no visible defects.
1714	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.0	Improbable	Fair	Remove	Some dieback throughout lower half of crown.
1715	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	45			4.0	Improbable	Fair	Remove	Mower damage to exposed roots; defoliation by Japanese Jewel Beetle; good form.
1716	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			3.0	Improbable	Good	Remove	Exuding sap from a few small cracks, minor shade pruning, beetles present.
1717	White Spruce	<i>Picea glauca</i>	Native	1	40			3.5	Improbable	Fair	Remove	Some dieback throughout lower branches.

Kettle Creek Golf Course
Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
1718	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	20			4.5	Possible	Fair	Remove	Historical pruning; wounds on root flare from mower damage; partially sealed stem wounds.
1719	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			3.0	Improbable	Good	Remove	Vine impacting uppermost canopy, minor shade pruning.
1720	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.5	Improbable	Fair	Remove	Assymetrical crown west due to adjacent tree; minor dieback of lower branches.
1721	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	42			4.0	Improbable	Good	Remove	Minor mower damage to exposed roots, minor included bark.
1722	White Spruce	<i>Picea glauca</i>	Native	1	24			3.0	Improbable	Good	Remove	Somewhat sparse crown; minor shrub growth in lower canopy.
1723	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			3.0	Improbable	Fair	Remove	Suppressed on east side due to neighboring tree; otherwise healthy crown.
1724	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	39			4.0	Improbable	Good	Remove	Minor epicormic growth, minor included bark.
1725	Norway Spruce	<i>Picea abies</i>	Non-native	2	20	15		1.5	Improbable	Fair	Remove	Codominant stems with included bark; minor dieback of lower branches.
1726	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	48			6.5	Improbable	Fair	Remove	Basal shoots; leaf spots; defoliation; some crowded branching; otherwise good attachment.
1727	Norway Spruce	<i>Picea abies</i>	Non-native	1	32			3.0	Improbable	Good	Remove	Vine entering canopy, minor shade pruning.
1728	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			2.5	Improbable	Fair	Remove	Gumosis; light pruning.
1729	White Spruce	<i>Picea glauca</i>	Native	1	47			3.5	Improbable	Good	Remove	Low-lying branches; healthy crown; good form.
1730	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			1.5	Improbable	Fair	Remove	Some dieback throughout lower half of crown.
1731	Blue Spruce	<i>Picea pungens</i>	Non-native	1	22			3.0	Improbable	Good	Remove	Suppressed crown; decurrent form; healthy foliage.
1732	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	39			5.0	Improbable	Good	Remove	Codominant leaders at 2m, 2 small dead branches, but full crown remains.
1733	Norway Maple	<i>Acer platanoides</i>	Non-native	1	41			5.0	Improbable	Good	Remove	Crown suppressed to south; slight lean south; few overextended branches.
1734	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	33			6.0	Improbable	Fair	Remove	Codominant leaders with included bark; light pruning of interior branches.
1735	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			4.5	Improbable	Good	Remove	Healthy crown; good form; minor suppression.
1736	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	33			5.0	Improbable	Good	Remove	Codominant leaders with wide union, few small dead branches previously lost.
1737	Norway Spruce	<i>Picea abies</i>	Non-native	1	25			2.0	Improbable	Fair	Remove	Minor dieback of lower branches; gumosis.
1738	Manitoba Maple	<i>Acer negundo</i>	Native	1	30			2.0	Improbable	Poor	Remove	Minor mower damage to root flare, significant dieback throughout crown, slight lean to north.
1739	Blue Spruce	<i>Picea pungens</i>	Non-native	1	13			1.5	Improbable	Fair	Remove	Emerging second leader; very limited crown; historical pruning.
1740	Blue Spruce	<i>Picea pungens</i>	Non-native	1	24			1.5	Improbable	Fair	Remove	Tree growing in sand trap; recent pruning of lower branches; codominant leaders with included bark; minor dieback of lower branches.
1741	White Spruce	<i>Picea glauca</i>	Native	1	11			1.5	Improbable	Fair	Remove	Weak form; sparse crown; yellowing needles.
1742	Large-toothed Aspen	<i>Populus grandidentata</i>	Native	1	82			6.0	Improbable	Good	Remove	Large, mature tree, slight lean in stem self-corrects, small area of staining on stem.
1743	Blue Spruce	<i>Picea pungens</i>	Non-native	1	20			1.5	Improbable	Fair	Retain	Crook mid-stem; dieback throughout lower branches.
1744	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	37			4.5	Improbable	Good	Remove	Minor mower damage to root flare; minor dieback from light stress.
1746	White Spruce	<i>Picea glauca</i>	Native	1	11			1.0	Improbable	Fair	Remove	Browning needles; tilted crown due to historical failure of leader; phototropic branches; weak attachment.
1748	Blue Spruce	<i>Picea pungens</i>	Non-native	1	22			1.5	Improbable	Fair	Remove	Some defoliation and dieback, history of small branch pruning.
1749	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	13			1.5	Improbable	Fair	Retain	Codominant leaders with included bark; minor dieback of lower branches.
1751	Blue Spruce	<i>Picea pungens</i>	Non-native	1	14			1.5	Possible	Fair	Retain	Heavy lean west; crown suppressed to west; raised crown.
1752	Blue Spruce	<i>Picea pungens</i>	Non-native	1	14			1.0	Improbable	Good	Retain	Minor shade pruning in lower branches, slight bend in stem self-corrects.

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Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
1753	Norway Maple	<i>Acer platanoides</i>	Non-native	1	20			2.5	Improbable	Fair	Retain	Multiple leaders with included bark; minor dieback of lower branches.
1754	White Spruce	<i>Picea glauca</i>	Native	1	12			1.0	Improbable	Poor	Retain	Limited live crown; raised crown; 40% dieback, likely from light stress.
1755	Norway Spruce	<i>Picea abies</i>	Non-native	1	13			1.5	Improbable	Poor	Retain	Significant dieback, secondary vertical branch
1756	Blue Spruce	<i>Picea pungens</i>	Non-native	1	12			0.5	Possible	Very Poor	Remove	95% crown dieback.
1757	Norway Spruce	<i>Picea abies</i>	Non-native	1	28			3.5	Improbable	Good	Retain	Low-lying branches; healthy crown; good form.
1758	Norway Spruce	<i>Picea abies</i>	Non-native	1	15			2.5	Improbable	Fair	Retain	Sparse crown; leaf galls.
1759	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	15			2.5	Improbable	Fair	Retain	Codominant leaders with included bark; minor dieback of lower branches.
1760	Norway Maple	<i>Acer platanoides</i>	Non-native	1	26			4.0	Improbable	Fair	Retain	Some defoliation with leaves retained at the end of branches, rusty spots on leaves.
1761	White Spruce	<i>Picea glauca</i>	Native	1	15			2.0	Improbable	Fair	Retain	Canopy suppression due to adjacent tree; slight phototropic lean.
1763	Manitoba Maple	<i>Acer negundo</i>	Native	3	33	29	22	6.0	Possible	Fair	Remove	Multiple sprawling leaders; lateral growth; epicormic shoots.
1764	Norway Spruce	<i>Picea abies</i>	Non-native	1	61			4.5	Improbable	Good	Remove	No visible defects; good form.
1765	Norway Spruce	<i>Picea abies</i>	Non-native	3	23			3.0	Improbable	Good	Retain	Raised crown; healthy crown; good form.
1766	White Spruce	<i>Picea glauca</i>	Native	1	22			2.0	Improbable	Excellent	Retain	Growing on terrace, full crown, no visible defects.
1767	Eastern White Pine	<i>Pinus strobus</i>	Native	1	23			2.0	Improbable	Fair	Retain	Thin crown; previous pruning of lower branches; minor dieback of lower branches.
1768	White Spruce	<i>Picea glauca</i>	Native	1	22			2.0	Improbable	Good	Retain	Exuding sap from one small area, minor competition for sunlight.
1769	Blue Spruce	<i>Picea pungens</i>	Non-native	3	24			3.0	Improbable	Good	Retain	Western side of crown suppressed by adjacent tree; self-pruning; few browning needles.
1770	White Spruce	<i>Picea glauca</i>	Native	1	20			1.5	Improbable	Fair	Retain	Assymetrical growth south due to adjacent trees; suppressed by neighbouring oak; gumosis.
1771	English Oak	<i>Quercus robur</i>	Non-native	1	40			4.0	Improbable	Good	Retain	Sapsucker damage, full crown despite competition for sunlight.
1772	White Spruce	<i>Picea glauca</i>	Native	3	28			3.0	Improbable	Fair	Retain	Crown suppression to east and west due to neighboring trees; self-pruning.
1773	White Spruce	<i>Picea glauca</i>	Native	3	36			3.5	Improbable	Fair	Retain	Minor root girdling; crown suppression on all sides from neighboring trees.
1774	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	3	38			6.0	Improbable	Fair	Retain	Basal shoots; included bark; defoliation by Japanese Jewel Beetle.
1775	White Spruce	<i>Picea glauca</i>	Native	1	25			4.0	Improbable	Fair	Retain	Assymetrical growth north due to adjacent trees; light pruning; girdling root.
1776	Blue Spruce	<i>Picea pungens</i>	Non-native	1	29			2.5	Improbable	Good	Retain	Minor shade pruning due to competition for sunlight.
1777	Norway Spruce	<i>Picea abies</i>	Non-native	1	44			4.0	Improbable	Good	Retain	Slight lean north; few phototropic branches; minor canopy suppression.
1778	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	25			5.0	Possible	Fair	Retain	Swollen root flare as a result of mechanical damage; assymetrical growth south due to adjacent trees; minor dieback of lower branches.
1779	Blue Spruce	<i>Picea pungens</i>	Non-native	1	35			3.0	Improbable	Good	Retain	Slightly uneven lower crown due to competition for sunlight.
1780	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			3.0	Improbable	Good	Retain	Emerging second leader; some needle browning; minor canopy suppression.
1781	White Spruce	<i>Picea glauca</i>	Native	1	25			2.5	Improbable	Fair	Retain	Light pruning; minor dieback of lower branches.
1782	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	22			4.5	Improbable	Good	Retain	Few sealed mechanical wounds; minor lower branch dieback.
1783	White Spruce	<i>Picea glauca</i>	Native	1	30			3.5	Improbable	Fair	Retain	Light pruning; minor dieback of lower branches.
1784	Blue Spruce	<i>Picea pungens</i>	Non-native	1	26			2.0	Improbable	Good	Retain	Shade pruning of lower and inner branches, very slight lean self-corrects.
1785	Eastern White Pine	<i>Pinus strobus</i>	Native	1	32			4.5	Possible	Good	Retain	Three codominant leaders; weak attachment; included bark; resin seepage; minor mower damage to root flare.
1786	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	24			6.0	Improbable	Fair	Retain	Codominant leaders with included bark; some dieback of lower branches.

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Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
1787	Blue Spruce	<i>Picea pungens</i>	Non-native	1	12			1.0	Possible	Poor	Remove	Major defoliation throughout crown, several lower branches dead.
1788	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	18			3.0	Possible	Fair	Retain	Codominant leaders with included bark; mechanical damage at base with some decay; minor dieback of lower branches.
1789	Eastern White Pine	<i>Pinus strobus</i>	Native	1	22			3.0	Improbable	Good	Retain	Raised crown; resin seepage; minor chlorosis.
1790	Norway Spruce	<i>Picea abies</i>	Non-native	1	25			2.0	Improbable	Fair	Remove	Lower crown recently pruned, defoliation in mid-crown.
1791	Blue Spruce	<i>Picea pungens</i>	Non-native	1	21			2.0	Improbable	Poor	Remove	Crown raised, dieback in remaining crown.
1792	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	17			3.5	Improbable	Fair	Remove	Minor epicormic shoots; minor twig dieback; awkward branching from historical pruning cuts.
1793	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	21			2.5	Possible	Poor	Remove	50% crown dieback; mechanical damage at base with some decay; codominant leaders with included bark.
1794	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	22			5.0	Improbable	Good	Remove	Wound at root flare from mower damage; crown somewhat suppressed; minor chlorosis.
1795	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	34			3.0	Improbable	Fair	Retain	Vigorous basal shoots; flush cuts; leaf spots; defoliation; Red Nail Gall.
1796	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	36			4.5	Improbable	Good	Retain	Flush cuts; mounded base; minor defoliation.
1797	White Spruce	<i>Picea glauca</i>	Native	1	20			3.0	Improbable	Poor	Remove	Suppressed to east by adjacent tree; 80% canopy dieback; heavy seed crop.
1798	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	15			3.0	Improbable	Good	Remove	Suppressed to east; suppressed in lower crown; healthy crown.
1799	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	20			4.0	Improbable	Good	Remove	Curved stem; lower branch dieback.
1800	Norway Maple	<i>Acer platanoides</i>	Non-native	1	30			3.5	Improbable	Fair	Remove	Mounded base; root wounds from mower damage; healthy crown.
1801	White Spruce	<i>Picea glauca</i>	Native	1	18			3.0	Improbable	Good	Remove	Heavy seed crop; healthy crown.
1802	White Spruce	<i>Picea glauca</i>	Native	1	18			2.5	Improbable	Poor	Remove	Mechanical wound to lower stem; 80% dieback.
1803	White Spruce	<i>Picea glauca</i>	Native	1	25			2.5	Improbable	Fair	Remove	Lower branch dieback; sparse crown; good form.
1804	White Spruce	<i>Picea glauca</i>	Native	1	26			2.5	Improbable	Good	Remove	Sealed basal wound; phototrophic lower branches.
1805	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	19			3.5	Improbable	Good	Remove	Sealed basal wound; mower damage to root flare; lower branch dieback; slight lean east.
1806	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	17			2.5	Improbable	Fair	Remove	Damage to root flare; epicormic shoots; basal wounds.
1807	Blue Spruce	<i>Picea pungens</i>	Non-native	1	22			2.5	Improbable	Fair	Remove	Codominant upper leaders; crown suppressed to west; somewhat sparse.
1808	White Spruce	<i>Picea glauca</i>	Native	1	22			3.0	Improbable	Good	Remove	Suppressed to west; lower branch dieback.
1809	White Spruce	<i>Picea glauca</i>	Native	1	15			2.0	Improbable	Fair	Remove	Suppressed crown; live growth limited.
1810	White Spruce	<i>Picea glauca</i>	Native	1	27			3.0	Improbable	Good	Remove	Asymmetrical crown oriented east; slight lean east.
1811	White Spruce	<i>Picea glauca</i>	Native	1	21			3.0	Improbable	Good	Remove	Somewhat sparse crown; resin seepage.
1812	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	16			4.0	Improbable	Good	Remove	Asymmetrical crown oriented north; suppressed; minor twig dieback.
1813	White Spruce	<i>Picea glauca</i>	Native	1	14			2.5	Improbable	Fair	Remove	Sparse crown; heavy seed crop.
1814	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	21			4.0	Improbable	Good	Remove	Lower branch dieback; suppressed crown.
1815	White Spruce	<i>Picea glauca</i>	Native	1	18			2.5	Improbable	Fair	Remove	Mechanical damage; torn branches; minor canopy dieback.
1816	Willow sp.	<i>Salix sp.</i>	Native	1	62			6.0	Probable	Fair	Remove	Wounds at root flare from mower damage; basal shoots; dead lower branch likely to fail; overextended branches.
1817	White Spruce	<i>Picea glauca</i>	Native	1	29			4.5	Improbable	Good	Remove	Healthy crown; somewhat suppressed to north.
1818	White Spruce	<i>Picea glauca</i>	Native	1	36			4.0	Improbable	Good	Remove	Suppressed to north and south; healthy crown.
1819	Blue Spruce	<i>Picea pungens</i>	Non-native	1	28			4.0	Improbable	Good	Remove	Codominant upper leaders; included bark; somewhat suppressed to north and south.
1820	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	20			3.5	Improbable	Good	Remove	Mower damage to root flare; lower branch dieback.
1821	White Spruce	<i>Picea glauca</i>	Native	1	14			2.0	Possible	Fair	Remove	Sparse crown; basal wound; disturbed soil base.
1822	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	23			5.0	Improbable	Good	Remove	Curved structural branches; weak attachment; slight lean west.
1823	White Spruce	<i>Picea glauca</i>	Native	1	20			2.5	Improbable	Good	Remove	Full, healthy crown; good form.

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Tree Inventory Data**

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
1824	Norway Maple	<i>Acer platanoides</i>	Non-native	1	10			1.5	Possible	Fair	Remove	Large wound at root flare; sealed stem fissure; ants; possible internal decay.
1825	White Spruce	<i>Picea glauca</i>	Native	1	35			4.0	Improbable	Good	Remove	Healthy crown; good form.
1826	Sweet Crabapple	<i>Malus coronaria</i>	Native	1	15			3.5	Improbable	Fair	Remove	Pruned basal shoots; leaf rust.
1827	White Spruce	<i>Picea glauca</i>	Native	1	11			1.5	Improbable	Fair	Remove	Slight lean south; sparse crown; suppressed to north.
1828	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	11			4.5	Improbable	Good	Remove	Emerging basal leader; past pruning cuts.
1829	Blue Spruce	<i>Picea pungens</i>	Non-native	1	29			4.0	Improbable	Good	Remove	Full, healthy crown; good form.
1830	White Spruce	<i>Picea glauca</i>	Native	1	24			3.5	Improbable	Good	Remove	Full, healthy crown; good form.
1831	White Spruce	<i>Picea glauca</i>	Native	1	28			3.5	Improbable	Fair	Remove	Slight lean east; somewhat suppressed.
1832	White Spruce	<i>Picea glauca</i>	Native	1	31			4.5	Improbable	Good	Remove	Full, healthy crown; somewhat suppressed.
1833	White Spruce	<i>Picea glauca</i>	Native	1	21			2.5	Improbable	Fair	Remove	Crown suppressed on all sides; live growth limited to top.
1834	White Spruce	<i>Picea glauca</i>	Native	1	13			3.0	Improbable	Fair	Remove	Light stress due to suppression; browning needles.
1835	Norway Maple	<i>Acer platanoides</i>	Non-native	1	33			4.0	Improbable	Good	Remove	Historical stem girdling; full, healthy crown; great form.
1836	Norway Maple	<i>Acer platanoides</i>	Non-native	1	25			4.0	Possible	Fair	Remove	Root girdling; 15% dieback; weeping form.
1837	White Spruce	<i>Picea glauca</i>	Native	1	22			4.0	Improbable	Fair	Remove	Minor suppression to west; canopy somewhat sparse.
1838	White Spruce	<i>Picea glauca</i>	Native	1	19			3.0	Improbable	Fair	Remove	Self-directed stem; canopy suppression to east.
1839	Norway Maple	<i>Acer platanoides</i>	Non-native	1	33			5.0	Improbable	Good	Remove	Full, healthy crown; basal wound with frass; good form.
1840	White Spruce	<i>Picea glauca</i>	Native	1	17			2.5	Improbable	Fair	Remove	Suppressed to west; corrected stem.
1841	White Spruce	<i>Picea glauca</i>	Native	1	32			5.0	Improbable	Good	Remove	Curved, phototropic leader; healthy crown.
1842	Eastern White Pine	<i>Pinus strobus</i>	Native	1	40			4.0	Improbable	Good	Remove	Historical branch failure; asymmetrical crown due south.
1843	Eastern White Pine	<i>Pinus strobus</i>	Native	1	17			3.5	Improbable	Good	Remove	Light fixture; vine growth in lower canopy; self-pruning.
1844	Black Walnut	<i>Juglans nigra</i>	Native	1	52			7.5	Improbable	Good	Retain	Asymmetrical crown due east; minor branch dieback; minor defoliation.
1845	Black Walnut	<i>Juglans nigra</i>	Native	1	67			7.5	Possible	Good	Prune	Phototropic structural branches oriented east; poor attachment; low-hanging branches likely to fail; pruning recommended.
1846	Black Walnut	<i>Juglans nigra</i>	Native	1	65			9.0	Possible	Good	Prune	Stem wound, partially sealed, with exposed cambium and small cavities; some phototropic branches with poor attachment.
1847	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	27			4.5	Improbable	Good	Remove	Mower damage to root flare; minor epicormics; lower branch dieback; structural pruning recommended.
1848	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			4.0	Improbable	Good	Remove	Form somewhat decurrent; competition in upper canopy.
1849	White Spruce	<i>Picea glauca</i>	Native	1	24			4.0	Improbable	Fair	Remove	10% dieback; heavy seed crop; vine growth in lower canopy.
1850	White Spruce	<i>Picea glauca</i>	Native	1	16			3.5	Improbable	Fair	Remove	Slight lean north; sparse crown.
1851	Norway Maple	<i>Acer platanoides</i>	Non-native	1	11			2.0	Possible	Fair	Remove	Swollen root flare from mower damage; partially sealed mechanical wound at base; healthy crown.
1852	Black Walnut	<i>Juglans nigra</i>	Native	1	49			7.0	Improbable	Good	Retain	Minor dieback, likely from light stress; some phototropic branching; healthy crown.
1853	White Spruce	<i>Picea glauca</i>	Native	1	20			3.0	Improbable	Good	Remove	Self-corrects stem; self-pruning; somewhat suppressed.
1854	Black Walnut	<i>Juglans nigra</i>	Native	1	50			7.0	Possible	Good	Remove	Fused codominant upper leaders; weak attachment; lower branch dieback.
1855	White Spruce	<i>Picea glauca</i>	Native	1	19			4.0	Improbable	Good	Remove	Crown somewhat suppressed; heavy seed crop.
1856	White Spruce	<i>Picea glauca</i>	Native	1	40			4.5	Improbable	Good	Remove	Full, healthy crown; low-lying branches.
1857	Black Walnut	<i>Juglans nigra</i>	Native	1	52			7.0	Improbable	Good	Remove	Minor defoliation; mower damage to root flare; lower branch dieback.
1858	White Spruce	<i>Picea glauca</i>	Native	1	13			2.0	Possible	Poor	Remove	Significant dieback.
1859	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	29			5.0	Improbable	Good	Remove	Full large crown; good form.
1860	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			3.0	Improbable	Good	Remove	Shrub competition in lower canopy; healthy crown.
1861	White Spruce	<i>Picea glauca</i>	Native	2	25	20		5.0	Improbable	Fair	Remove	Multiple stems; union quite low; sap oozing; healthy crown.
1862	White Spruce	<i>Picea glauca</i>	Native	1	33			3.0	Improbable	Good	Remove	Full large crown; good form.

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Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
1863	European Mountain-ash	<i>Sorbus aucuparia</i>	Non-native	1	19			2.5	Possible	Poor	Remove	Mower damage to root flare; basal shoots; 40% dieback; near-complete defoliation by Japanese Jewel Beetle.
1864	White Spruce	<i>Picea glauca</i>	Native	1	35			3.0	Improbable	Good	Remove	Full large crown; good form; weak leader at top.
1865	White Spruce	<i>Picea glauca</i>	Native	1	20			4.0	Improbable	Good	Remove	Minor thinning; generally healthy.
1866	Norway Maple	<i>Acer platanoides</i>	Non-native	1	38			4.5	Improbable	Good	Remove	Minor damage to root flare; sealed trunk fissure; some weak attachment.
1867	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			3.5	Improbable	Good	Remove	Healthy crown; good form.
1868	White Spruce	<i>Picea glauca</i>	Native	1	25			2.0	Improbable	Poor	Remove	Dieback throughout, 70% of crown.
1869	White Spruce	<i>Picea glauca</i>	Native	1	17			3.0	Probable	Very Poor	Remove	Dead lower 70% of crown.
1870	White Spruce	<i>Picea glauca</i>	Native	1	25			4.5	Improbable	Good	Remove	Healthy crown; good form; minor thinning.
1871	Blue Spruce	<i>Picea pungens</i>	Non-native	1	28			2.0	Improbable	Fair	Remove	Twig dieback of interior branches.
1873	Norway Maple	<i>Acer platanoides</i>	Non-native	1	27			3.5	Improbable	Fair	Remove	Girdling root; 10% dieback; clustered leaves.
1874	Blue Spruce	<i>Picea pungens</i>	Non-native	1	21			3.0	Possible	Poor	Remove	Major dieback; dead branches.
1875	Blue Spruce	<i>Picea pungens</i>	Non-native	1	21			1.5	Improbable	Poor	Remove	One side of tree dead.
1876	Blue Spruce	<i>Picea pungens</i>	Non-native	1	27			3.5	Improbable	Fair	Remove	Partially suppressed by maple; generally good form.
1877	Sugar Maple	<i>Acer saccharum</i>	Native	1	19			3.0	Improbable	Good	Remove	Full healthy crown; codominant leaders.
1878	White Spruce	<i>Picea glauca</i>	Native	2	34	28		4.5	Possible	Good	Remove	Codominant stems; included bark; pruning cuts; resin seepage.
1879	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	19			4.0	Improbable	Good	Remove	Root wound; asymmetrical crown; suppressed.
1880	Norway Maple	<i>Acer platanoides</i>	Non-native	1	30			4.0	Improbable	Good	Remove	Root girdling; root damage from mower; 10% dieback.
1881	Blue Spruce	<i>Picea pungens</i>	Non-native	1	29			4.5	Possible	Poor	Remove	50% dead twigs and branches.
1882	Blue Spruce	<i>Picea pungens</i>	Non-native	1	28			3.0	Possible	Fair	Remove	Codominant stems; significant dieback.
1883	Blue Spruce	<i>Picea pungens</i>	Non-native	1	13			3.0	Possible	Very Poor	Remove	Only the top is still alive; dead branches below.
1884	Norway Maple	<i>Acer platanoides</i>	Non-native	1	26			3.5	Improbable	Good	Remove	Full large crown; erect form.
1885	Blue Spruce	<i>Picea pungens</i>	Non-native	1	12			2.0	Possible	Poor	Remove	60% of lower crown dead. Healthy top.
1886	Blue Spruce	<i>Picea pungens</i>	Non-native	1	10			1.0	Improbable	Very Poor	Remove	Only top 15% of crown alive.
1887	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	19			4.0	Improbable	Good	Remove	One moderately callused branch wound; good form.
1888	Blue Spruce	<i>Picea pungens</i>	Non-native	1	28			4.0	Possible	Fair	Remove	Major dieback; dead branches.
1889	White Spruce	<i>Picea glauca</i>	Native	1	28			3.0	Improbable	Good	Remove	Self-pruning; mechanical damage to branches.
1890	Blue Spruce	<i>Picea pungens</i>	Non-native	1	24			2.5	Improbable	Good	Remove	Raised crown; somewhat suppressed; sparse crown.
1891	White Spruce	<i>Picea glauca</i>	Native	1	12			2.5	Improbable	Poor	Remove	70% crown dieback; volunteer maples surrounding tree.
1892	Blue Spruce	<i>Picea pungens</i>	Non-native	1	24			2.0	Improbable	Poor	Remove	40% crown dieback of mid and lower crown; epicormic shoots.
1893	Blue Spruce	<i>Picea pungens</i>	Non-native	1	33			4.5	Improbable	Fair	Remove	Thinning of lower branches.
1894	White Spruce	<i>Picea glauca</i>	Native	1	30			5.0	Improbable	Fair	Remove	Thinning in lower, shaded crown.
1895	Norway Maple	<i>Acer platanoides</i>	Non-native	1	31			5.5	Improbable	Good	Remove	Large full crown; some staining on bark; slightly suppressed crown.
1896	White Spruce	<i>Picea glauca</i>	Native	1	20			3.0	Improbable	Good	Remove	Canopy suppressed to north; live growth limited to south side.
1897	Norway Maple	<i>Acer platanoides</i>	Non-native	1	27			5.0	Improbable	Good	Remove	Root girdling; canopy full but suppressed; historical flush cuts.
1898	Blue Spruce	<i>Picea pungens</i>	Non-native	1	15			2.0	Improbable	Poor	Remove	50% crown dieback of mid and lower crown; partially suppressed.
1899	White Spruce	<i>Picea glauca</i>	Native	1	19			3.0	Improbable	Fair	Remove	Raised crown; mower damage to root flare; phototropic branches with weak attachment.
1900	European Mountain-ash	<i>Sorbus aucuparia</i>	Non-native	1	13			2.0	Possible	Dead	Remove	Large basal cavity; fruiting bodies on stem.
1901	White Spruce	<i>Picea glauca</i>	Native	1	21			2.5	Possible	Dead	Remove	Likely declined from light stress.
1903	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	13			3.0	Improbable	Fair	Remove	Somewhat sparse crown; one large basal shoot; tree guard.
1904	White Spruce	<i>Picea glauca</i>	Native	1	19			4.0	Improbable	Fair	Remove	Healthy crown with minor thinning.
1905	Norway Maple	<i>Acer platanoides</i>	Non-native	1	29			5.0	Improbable	Good	Remove	Root wound; root girdling; healthy crown.
1906	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	18			4.0	Improbable	Fair	Remove	Crown asymmetrical, leaning towards pond, minor epicormic shoots.
1907	White Spruce	<i>Picea glauca</i>	Native	1	11			1.5	Probable	Poor	Remove	40 degree lean towards pond; 80% crown dieback; cracking at base.
1908	White Spruce	<i>Picea glauca</i>	Native	1	19			2.0	Improbable	Poor	Remove	Advanced dieback of mid and lower crown (70%).
1909	White Spruce	<i>Picea glauca</i>	Native	1	25			2.5	Improbable	Fair	Remove	Sparse crown due to light suppression; self-correctes leader.

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1910	Common Hackberry	<i>Celtis occidentalis</i>	Native	1	15			3.5	Improbable	Good	Remove	Minor epicormic growth; full crown despite tight planting.
1911	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	24			4.5	Improbable	Good	Remove	Healthy crown; slightly suppressed.
1912	White Spruce	<i>Picea glauca</i>	Native	1	26			3.0	Improbable	Good	Remove	Few torn branches; healthy crown.
1913	Japanese Zelkova	<i>Zelkova serrata</i>	Non-native	1	20			3.0	Improbable	Good	Remove	Minor dieback in canopy; great form.
1914	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	16			3.0	Improbable	Fair	Remove	Dead lower branches; suppressed by adjacent trees; dead epicormic shoots.
1915	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	17			3.0	Improbable	Fair	Remove	Somewhat sparse crown; several epicormic shoots.
1916	European Mountain-ash	<i>Sorbus aucuparia</i>	Non-native	1	12			3.0	Improbable	Good	Remove	Epicormic shoots; defoliation in outer crown; epicormic shoots.
1917	Common Hackberry	<i>Celtis occidentalis</i>	Native	1	12			2.0	Improbable	Good	Remove	Minor basal wounds; vigorous crown.
1918	White Spruce	<i>Picea glauca</i>	Native	1	22			2.0	Possible	Very Poor	Remove	75% dieback; severed vines.
1919	White Spruce	<i>Picea glauca</i>	Native	1	22			3.0	Improbable	Fair	Remove	Thinning crown; heavy seed crop; shrub competition.
1920	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	28			5.5	Improbable	Good	Remove	Full healthy crown with minor thinning.
1921	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	21			2.5	Improbable	Fair	Remove	Old trunk wounds with sap production; twig dieback through mid crown.
1922	Norway Maple	<i>Acer platanoides</i>	Non-native	1	17			2.5	Possible	Fair	Remove	Multiple large, sealed stem wounds; dead structural branch; 15% dieback.
1923	Norway Maple	<i>Acer platanoides</i>	Non-native	1	36			4.0	Improbable	Fair	Remove	Some crowding of branch unions; dense crown; minor thinning.
1924	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	38			6.5	Improbable	Good	Remove	Large full crown; good form.
1925	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	35			3.5	Improbable	Fair	Remove	Vigorous basal shoots; extensive defoliation by Japanese Jewel Beetle.
1926	White Spruce	<i>Picea glauca</i>	Native	1	20			4.0	Improbable	Good	Remove	Minor thinning.
1927	White Spruce	<i>Picea glauca</i>	Native	1	40			4.0	Improbable	Good	Remove	Full large crown; minor interior twig dieback.
1928	White Spruce	<i>Picea glauca</i>	Native	1	23			2.0	Improbable	Fair	Remove	10% dieback; young ash growing through canopy; slight lean west.
1929	White Spruce	<i>Picea glauca</i>	Native	1	16			3.0	Improbable	Fair	Remove	30% crown dieback, throughout crown; minor wound at base.
1930	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	29			5.0	Improbable	Good	Remove	Light crown with some dieback; minor epicormic growth.
1931	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	31			4.5	Improbable	Good	Remove	Full large crown.
1932	White Spruce	<i>Picea glauca</i>	Native	1	30			5.0	Improbable	Good	Remove	Minor thinning.
1933	White Spruce	<i>Picea glauca</i>	Native	1	25			5.0	Improbable	Excellent	Remove	Dense healthy crown to base.
1934	White Spruce	<i>Picea glauca</i>	Native	1	37			4.0	Improbable	Good	Remove	Full, dense crown; resin seepage.
1935	Blue Spruce	<i>Picea pungens</i>	Non-native	1	35			5.5	Improbable	Good	Remove	Minor thinning.
1936	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	39			8.0	Improbable	Good	Remove	Full large crown; dead epicormic shoots
1937	White Spruce	<i>Picea glauca</i>	Native	1	28			3.0	Improbable	Good	Remove	Witch's broom; raised crown; torn branches.
1938	Blue Spruce	<i>Picea pungens</i>	Non-native	1	35			4.5	Improbable	Fair	Remove	Minor dieback in upper crown.
1939	White Spruce	<i>Picea glauca</i>	Native	1	26			3.5	Improbable	Fair	Remove	Suppressed with dieback on one half by maple
1940	Norway Maple	<i>Acer platanoides</i>	Non-native	1	39			4.0	Improbable	Fair	Remove	Root girdling; few phototrophic branches with weak attachment.
1941	White Spruce	<i>Picea glauca</i>	Native	1	23			2.5	Improbable	Fair	Remove	Suppressed and sparse mid and lower crown; branches primed for path clearance.
1942	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	18			3.0	Improbable	Fair	Remove	Minor dieback where crown is suppressed; minor upward facing wound on branch union.
1943	Blue Spruce	<i>Picea pungens</i>	Non-native	1	11			1.5	Improbable	Poor	Remove	Multiple small stems; mounded base; limited live crown.
1944	White Spruce	<i>Picea glauca</i>	Native	1	16			3.0	Improbable	Fair	Remove	Suppressed on one half of tree; twig dieback in mid and lower crown.
1945	Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Non-native	1	14			3.5	Improbable	Poor	Remove	80% dieback; poor pruning; light stress; limited live growth due to suppression.
1946	Blue Spruce	<i>Picea pungens</i>	Non-native	1	13			3.0	Possible	Fair	Remove	Minor crown thinning.
1947	Norway Maple	<i>Acer platanoides</i>	Non-native	1	23			5.5	Improbable	Fair	Remove	Dense crown with associated thinning.
1948	Norway Maple	<i>Acer platanoides</i>	Non-native	1	37			5.0	Improbable	Fair	Remove	Girdling root; crown suppressed to north; codominant leaders; included bark.

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Tree Inventory Data

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1949	Norway Maple	<i>Acer platanoides</i>	Non-native	1	33			5.0	Improbable	Fair	Remove	Dense crown with dead lower branches; slightly suppressed.
1951	White Spruce	<i>Picea glauca</i>	Native	1	22			2.5	Improbable	Poor	Remove	Highly suppressed crown causing dieback;
1952	White Spruce	<i>Picea glauca</i>	Native	1	31			3.5	Improbable	Good	Remove	Asymmetrical crown to east.
1953	White Spruce	<i>Picea glauca</i>	Native	1	23			3.5	Improbable	Fair	Remove	Half of crown suppressed and with dieback; interior twig dieback.
1954	White Spruce	<i>Picea glauca</i>	Native	1	28			4.0	Improbable	Fair	Remove	Inner live crown limited; suppressed to north.
1955	White Spruce	<i>Picea glauca</i>	Native	1	24			3.0	Improbable	Fair	Remove	Half of crown suppressed, showing dieback.
1956	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	1	30			3.5	Improbable	Fair	Remove	Crowded branching; defoliation by Japanese Jewel Beetle.
1957	White Spruce	<i>Picea glauca</i>	Native	1	26			3.5	Improbable	Good	Remove	Resin seepage; minor canopy suppression to east and west.
1958	Norway Maple	<i>Acer platanoides</i>	Non-native	1	34			5.0	Improbable	Fair	Remove	Large full crown; crowded branches.
1959	White Spruce	<i>Picea glauca</i>	Native	1	33			2.5	Improbable	Good	Remove	Canopy suppressed to west; self-pruning.
1960	White Spruce	<i>Picea glauca</i>	Native	1	20			2.5	Improbable	Fair	Remove	Somewhat thinning crown.
1961	Blue Spruce	<i>Picea pungens</i>	Non-native	1	31			3.0	Improbable	Good	Remove	Somewhat sparse crown; good form.
1962	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			3.0	Improbable	Fair	Remove	Twig dieback of interior crown.
1963	Norway Maple	<i>Acer platanoides</i>	Non-native	1	25			4.0	Improbable	Good	Remove	Mower damage to root flare; included bark.
1964	Norway Maple	<i>Acer platanoides</i>	Non-native	1	18			3.0	Improbable	Fair	Retain	Large sealed trunk fissure; sealed wound; 15% dieback.
1965	White Spruce	<i>Picea glauca</i>	Native	1	19			2.5	Improbable	Poor	Retain	Mid and lower crown dieback; slight phototropic lean; weak leader
1966	White Spruce	<i>Picea glauca</i>	Native	1	26			4.0	Improbable	Good	Retain	Minor interior twig dieback.
1967	White Spruce	<i>Picea glauca</i>	Native	1	27			3.0	Improbable	Good	Retain	Minor interior twig dieback.
1968	White Spruce	<i>Picea glauca</i>	Native	1	17			2.5	Improbable	Fair	Retain	Slight lean south; minor mower damage to root flare; sparse crown.
1969	Northern Red Oak	<i>Quercus rubra</i>	Native	1	20			4.0	Improbable	Fair	Retain	Mower damage to root flare; few epicormic shoots; leaf spots; defoliation.
1970	White Mulberry	<i>Morus alba</i>	Non-native	1	11			1.5	Improbable	Fair	Retain	Cultivar 'urbana'; basal wound; bacterial ooze.
1971	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.5	Improbable	Fair	Retain	Slight lean east; somewhat suppressed to south.
1972	Norway Maple	<i>Acer platanoides</i>	Non-native	1	25			4.0	Improbable	Good	Retain	Slight lean south; sealed wounds at root flare; healthy crown.
1973	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			2.0	Improbable	Fair	Retain	Slight lean east; few torn branches.
1974	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	2	30	23		4.0	Improbable	Good	Retain	Basal shoots; full vigorous crown.
1975	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	26			5.0	Improbable	Fair	Retain	Slight lean south; suppressed on west side; mower damage to root flare; minor twig dieback from light stress.
1976	Little-leaf Linden	<i>Tilia cordata</i>	Non-native	4	15	16	13	3.5	Improbable	Good	Retain	Full vigorous crown; epicormic shoots.
1977	White Spruce	<i>Picea glauca</i>	Native	1	24			2.5	Improbable	Fair	Retain	Curved stem; emerging second leader; suppressed to south.
1978	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	16			2.0	Improbable	Fair	Retain	At edge of pond; roots broken and exposed over water; slightly sparse crown; weak leader.
1979	Blue Spruce	<i>Picea pungens</i>	Non-native	1	11			1.5	Improbable	Good	Retain	Codominant upper leaders; basal wound; root girdling; leans south.
1980	Blue Spruce	<i>Picea pungens</i>	Non-native	1	10			1.5	Improbable	Fair	Retain	Basal wound; replaced leader; dieback throughout crown.
1981	White Spruce	<i>Picea glauca</i>	Native	1	13			2.0	Improbable	Fair	Retain	Codominant stems; included bark; self-corrected stem; crown somewhat sparse.
1982	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	24			4.0	Probable	Fair	Remove	Heavy lean into pond; stem located at pond edge; minor canopy dieback.
1983	Blue Spruce	<i>Picea pungens</i>	Non-native	1	26			3.0	Improbable	Good	Retain	Self-pruning; healthy crown.
1984	Norway Maple	<i>Acer platanoides</i>	Non-native	1	25			4.0	Improbable	Fair	Retain	Frost crack, sealed; 5 degree lean; slightly sparse crown.
1985	Green Ash	<i>Fraxinus pennsylvanica</i>	Native	1	10			3.5	Improbable	Good	Retain	Multiple small stems joined at base; healthy crown.
1439A	Willow sp.	<i>Salix sp.</i>	Native	1	175			11.0	Possible	Fair	Retain	Historical branch failure; winding branches; codominant sprawling leaders; brush piled at base.
A	White Spruce	<i>Picea glauca</i>	Native	1	25			4.5	Improbable	Good	Remove	In spruce hedgerow; healthy crown, slightly suppressed.
AA	White Spruce	<i>Picea glauca</i>	Native	1	34			4.5	Improbable	Good	Remove	Dense, full crown; recent failure of neighbouring branch resulting in pressure and crown suppression.

Kettle Creek Golf Course
Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
AB	Blue Spruce	<i>Picea pungens</i>	Non-native	1	34			4.0	Improbable	Fair	Remove	Minor needle browning; sparse crown.
AC	Norway Spruce	<i>Picea abies</i>	Non-native	1	42			4.0	Improbable	Good	Remove	Low-lying branches; healthy crown; good form.
AD	White Spruce	<i>Picea glauca</i>	Native	1	21			4.0	Improbable	Good	Remove	Healthy crown; heavy seed crop.
AE	White Spruce	<i>Picea glauca</i>	Native	1	20			4.5	Improbable	Good	Remove	Minor crown suppression; phototropic branching.
AF	Blue Spruce	<i>Picea pungens</i>	Non-native	1	43			4.5	Improbable	Good	Remove	Codominant upper leaders; dense crown; minor shrub competition in lower crown.
AG	White Spruce	<i>Picea glauca</i>	Native	1	29			3.5	Improbable	Good	Remove	Full, healthy crown; dense crown.
AH	White Spruce	<i>Picea glauca</i>	Native	1	25			3.5	Improbable	Good	Remove	Short, wide crown; healthy crown.
AI	Norway Spruce	<i>Picea abies</i>	Non-native	1	18			3.0	Improbable	Fair	Remove	Minor twig dieback.
AJ	White Ash	<i>Fraxinus americana</i>	Native	1	17			3.0	Probable	Very Poor	Remove	Mostly dead; live water sprouts; exfoliating bark.
AK	Eastern White Pine	<i>Pinus strobus</i>	Native	1	36			5.5	Improbable	Good	Remove	Minor thinning.
AL	White Mulberry	<i>Morus alba</i>	Non-native	6	25	23	20	4.0	Probable	Dead	Remove	Dead tree just up bank of creek.
AM	White Spruce	<i>Picea glauca</i>	Native	1	28			3.5	Improbable	Poor	Remove	70% of foliage chlorotic; twig dieback throughout; in spruce hedge.
AN	White Spruce	<i>Picea glauca</i>	Native	1	15			2.5	Possible	Dead	Remove	In spruce hedgerow; recently dead; twigs intact.
AO	Norway Spruce	<i>Picea abies</i>	Non-native	3	26	20	12	3.0	Improbable	Fair	Retain	In spruce hedgerow; codominant leaders with weak attachment.
AP	American Basswood	<i>Tilia americana</i>	Native	1					Improbable	Fair	Retain	75% chlorotic foliage; minor twig dieback.
AQ	White Spruce	<i>Picea glauca</i>	Native	1	30			3.5	Improbable	Good	Retain	In spruce hedgerow; good form; healthy crown.
AR	White Spruce	<i>Picea glauca</i>	Native	1	26			3.5	Improbable	Good	Retain	In spruce hedgerow; good form; healthy crown.
AS	White Spruce	<i>Picea glauca</i>	Native	1	26			4.0	Improbable	Good	Retain	In spruce hedgerow; good form; healthy crown.
AT	White Spruce	<i>Picea glauca</i>	Native	1	30			4.0	Improbable	Good	Retain	In spruce hedgerow; good form; healthy crown.
AU	White Spruce	<i>Picea glauca</i>	Native	1	30			3.5	Improbable	Fair	Retain	In spruce hedgerow; good form; asymmetrical crown due to suppression.
AV	White Spruce	<i>Picea glauca</i>	Native	1	50			3.5	Improbable	Good	Retain	In spruce hedgerow; good form; large vigorous crown.
AW	White Spruce	<i>Picea glauca</i>	Native	1	35			3.0	Improbable	Good	Retain	In spruce hedgerow; good form; full crown; codominant leaders.
AX	White Spruce	<i>Picea glauca</i>	Native	1	35			3.5	Improbable	Good	Retain	In spruce hedgerow; good form; full crown.
AY	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			3.5	Improbable	Good	Retain	In spruce hedgerow; good form; full crown.
AZ	White Spruce	<i>Picea glauca</i>	Native	1	35			3.5	Improbable	Good	Retain	In spruce hedgerow; good form; full crown.
B	Blue Spruce	<i>Picea pungens</i>	Non-native	1	28			3.0	Improbable	Fair	Remove	Thinning crown; canopy suppression from adjacent tree.
BA	White Spruce	<i>Picea glauca</i>	Native	1	12			2.5	Improbable	Good	Retain	In spruce hedgerow; good form; maple branches growing through crown.
BB	Sugar Maple	<i>Acer saccharum</i>	Native	1	55			5.0	Improbable	Good	Retain	Along edge of spruce hedgerow; good form; vigorous crown.
BC	Freeman's Maple	<i>Acer x freemanii</i>	Native	5	34	32	31	7.0	Improbable	Good	Retain	Along edge of spruce hedgerow; good form; vigorous crown.
BD	Blue Spruce	<i>Picea pungens</i>	Non-native	1	35			3.5	Improbable	Good	Retain	Within spruce hedgerow; good form; vigorous crown; codominant leaders.
BE	Eastern White Cedar	<i>Thuja occidentalis</i>	Native	1	19			2.0	Improbable	Good	Retain	Within spruce hedgerow; good form; vigorous crown with pyramidal form.
BF	White Spruce	<i>Picea glauca</i>	Native	1	42			3.5	Improbable	Good	Remove	Within spruce hedgerow; good form; vigorous crown with pyramidal form.
BG	White Spruce	<i>Picea glauca</i>	Native	1	22			2.5	Improbable	Poor	Remove	Lower half of crown clearance pruned; crown high and small.
BH	White Spruce	<i>Picea glauca</i>	Native	1	14			2.0	Improbable	Poor	Retain	Lower two thirds of crown dead and suppressed.
BI	White Spruce	<i>Picea glauca</i>	Native	3	20	20	10	2.0	Improbable	Fair	Retain	Lower crown suppressed with dieback.
BJ	White Spruce	<i>Picea glauca</i>	Native	1	26			1.5	Improbable	Fair	Retain	Lower third of crown dead and suppressed.
BK	Eastern White Cedar	<i>Thuja occidentalis</i>	Native	1	17			2.0	Improbable	Good	Retain	28 trees in single line. Healthy crowns, DBH range 10-17cm.
BL	Black Walnut	<i>Juglans nigra</i>	Native	1	24			4.0	Improbable	Good	Retain	Growing through chain link fence; large full open crown.
BM	Sycamore Maple	<i>Acer pseudoplatanus</i>	Native	1					Improbable	Good	Retain	
BN	White Spruce	<i>Picea glauca</i>	Native	1	32			4.0	Improbable	Fair	Remove	Moderate thinning from adjacent basswood canopy competition
BO	White Spruce	<i>Picea glauca</i>	Native	1	26			4.0	Improbable	Fair	Remove	Poor lower canopy vigor.
BP	Blue Spruce	<i>Picea pungens</i>	Non-native	1	40			4.5	Improbable	Good	Retain	Sparse canopy on east facing side.
BQ	Northern Red Oak	<i>Quercus rubra</i>	Native	1	34			4.0	Improbable	Good	Retain	Good form; light interior twig dieback.
BR	Sugar Maple	<i>Acer saccharum</i>	Native	1	41			5.0	Improbable	Good	Retain	Lower branch dieback; previous pruning wounds.
BS	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	38			6.0	Improbable	Good	Retain	Good form; uniform canopy structure.

Kettle Creek Golf Course
Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
BT	Blue Spruce	<i>Picea pungens</i>	Non-native	1	40			3.5	Improbable	Good	Retain	Good form and vigor.
BU	Blue Spruce	<i>Picea pungens</i>	Non-native	1	35			4.0	Improbable	Good	Retain	Sparse crown on east facing side.
BV	White Spruce	<i>Picea glauca</i>	Native	1	45			4.5	Improbable	Good	Retain	Good form and vigor.
BW	White Spruce	<i>Picea glauca</i>	Native	1	28			3.0	Improbable	Good	Retain	Sparse crown towards middle.
BX	White Spruce	<i>Picea glauca</i>	Native	1	50			4.5	Improbable	Good	Retain	Sparse crown on east facing side.
BY	White Spruce	<i>Picea glauca</i>	Native	1	48			4.5	Improbable	Excellent	Retain	Excellent form and vigor
BZ	Blue Spruce	<i>Picea pungens</i>	Non-native	1	50			4.5	Improbable	Good	Retain	Good vigor.
C	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			3.0	Improbable	Good	Remove	Good form; minor canopy suppression.
CA	Blue Spruce	<i>Picea pungens</i>	Non-native	1	26			3.0	Improbable	Fair	Retain	Improper lower branch pruning.
CB	White Spruce	<i>Picea glauca</i>	Native	1	43			4.5	Improbable	Fair	Remove	Sparse canopy on east facing side; improper lower pruning.
CC	Manitoba Maple	<i>Acer negundo</i>	Native	1	37	33		6.0	Improbable	Fair	Retain	Light trunk lean east; heavy epicormic branching.
CD	American Basswood	<i>Tilia americana</i>	Native	1	55			6.0	Improbable	Fair	Retain	Improper lower pruning; lower branches with epicormic shoots.
CE	White Spruce	<i>Picea glauca</i>	Native	1	23			3.0	Improbable	Poor	Retain	Multiple improper pruning wounds; poor vigor.
CF	White Spruce	<i>Picea glauca</i>	Native	1	19			2.0	Improbable	Fair	Retain	Improper lower branch pruning.
CG	Thornless Honey Locust	<i>Gleditsia triacanthos var. inermis</i>	Non-native	1	29			6.0	Improbable	Fair	Retain	Canopy trunks growing in opposite directions to avoid adjacent spruce.
CH	White Spruce	<i>Picea glauca</i>	Native	1	41			5.0	Improbable	Good	Retain	Improper pruning on one side.
CI	White Spruce	<i>Picea glauca</i>	Native	1	51			4.5	Improbable	Good	Retain	Some lower branch pruning.
CJ	White Spruce	<i>Picea glauca</i>	Native	1	16			2.0	Improbable	Poor	Retain	Poor vigor.
CK	White Spruce	<i>Picea glauca</i>	Native	1	17			2.0	Improbable	Poor	Retain	Suppressed canopy; poor vigor.
CL	White Spruce	<i>Picea glauca</i>	Native	1	12			2.0	Improbable	Poor	Retain	Suppressed canopy; poor vigor.
CM	White Spruce	<i>Picea glauca</i>	Native	1	16			2.0	Improbable	Fair	Retain	Suppressed canopy; fair vigor.
CN	White Spruce	<i>Picea glauca</i>	Native	1	12			2.0	Improbable	Fair	Retain	Suppressed canopy; fair vigor.
CO	White Spruce	<i>Picea glauca</i>	Native	1	16	14		2.0	Improbable	Fair	Retain	fair vigor.
CP	White Spruce	<i>Picea glauca</i>	Native	1	13			2.0	Improbable	Poor	Retain	Poor vigor.
CQ	White Spruce	<i>Picea glauca</i>	Native	1	45			4.0	Improbable	Good	Remove	Good form.
D	Blue Spruce	<i>Picea pungens</i>	Non-native	1	24			3.0	Improbable	Good	Remove	Crown suppression from all sides; healthy foliage.
E	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			2.0	Improbable	Fair	Remove	Live growth limited due to canopy suppression from all neighbouring trees; canopy concentrated at top and south side.
F	White Spruce	<i>Picea glauca</i>	Native	1	30			3.0	Improbable	Good	Retain	Live growth limited to outer edges of tree due to light suppression.
G	Blue Spruce	<i>Picea pungens</i>	Non-native	1	17			2.0	Improbable	Fair	Remove	Some dieback; overall good form.
H	Blue Spruce	<i>Picea pungens</i>	Non-native	1	36			3.0	Improbable	Fair	Remove	Very thin crown; needle dieback.
I	Blue Spruce	<i>Picea pungens</i>	Non-native	1	27			2.0	Improbable	Fair	Remove	Some dieback; good form.
J	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			1.5	Improbable	Fair	Remove	Good form; full crown.
K	White Spruce	<i>Picea glauca</i>	Native	1	25			2.0	Improbable	Fair	Remove	Dieback; suppressed crown.
L	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			2.0	Improbable	Fair	Retain	Suppressed crown; dieback of needles.
M	Norway Spruce	<i>Picea abies</i>	Non-native	1	40			3.0	Improbable	Good	Remove	Light pruning; good vigour.
N	Norway Spruce	<i>Picea abies</i>	Non-native	2	35	20		3.5	Improbable	Fair	Remove	Codominant leaders with included bark; minor dieback in lower branches.
O	Eastern Cottonwood	<i>Populus deltoides</i>	Native	1	35			7.0	Improbable	Fair	Retain	Growing on edge of drainage feature; tall crown; asymmetrical crown south due to adjacent tree.
P	Blue Spruce	<i>Picea pungens</i>	Non-native	1	40			2.0	Improbable	Fair	Remove	Exposed root with mechanical damage; minor dieback on lower branches.
Q	Blue Spruce	<i>Picea pungens</i>	Non-native	1	25			3.0	Improbable	Fair	Remove	Asymmetrical growth south due to adjacent trees; good vigour.
R	Norway Spruce	<i>Picea abies</i>	Non-native	1	32			3.0	Improbable	Good	Retain	Codominant leaders at 6m, some defoliation.
S	Blue Spruce	<i>Picea pungens</i>	Non-native	1	27			3.0	Improbable	Good	Remove	Very dense crown with minimal defoliation, slight s-bend in stem self-corrects.
T	Norway Spruce	<i>Picea abies</i>	Non-native	1	22			2.0	Improbable	Good	Retain	Slightly uneven lower crown due to competition for sunlight only.
U	Willow sp.	<i>Salix sp.</i>	Native	1	24			4.0	Improbable	Good	Retain	Growing on edge of bank, minor epicormic growth, leans north.
V	Blue Spruce	<i>Picea pungens</i>	Non-native	1	20			1.0	Improbable	Excellent	Remove	Very dense crown, good form, no obvious defects.
W	Blue Spruce	<i>Picea pungens</i>	Non-native	1	18			2.0	Improbable	Very Poor	Remove	Vine entering canopy, significant dieback.
X	Norway Maple	<i>Acer platanoides</i>	Non-native	1	12			1.0	Probable	Very Poor	Remove	Uprooting, root plate partially exposed an coming out of saturated soil towards the south, top of crown self-corrects.

Kettle Creek Golf Course
Tree Inventory Data

Tree Number	Common Name	Scientific Name	Native/ Non-native	Stem Count	DBH 1 (cm)	DBH 2 (cm)	DBH 3 (cm)	Crown Radius (m)	Potential for Structural Failure Rating	Overall Condition	Proposed Action	Comments
Y	Blue Spruce	<i>Picea pungens</i>	Non-native	1	30			2.5	Improbable	Good	Remove	Full, healthy crown; good form.
Z	Blue Spruce	<i>Picea pungens</i>	Non-native	1	35			4.0	Improbable	Good	Remove	Very full, healthy crown; good form.

Appendix II
Tree Health and Potential for Structural Failure Assessment Criteria

Tree Health Assessment Criteria

Assessment Criteria	Definition ¹
Excellent	Represents a tree in near perfect form, health, and vigour. This tree would exhibit no deadwood, no decline, and no visible defects.
Good	Represents a tree ranging from a generally healthy tree to a near perfect tree in terms of health, vigour and structure. This tree exhibits a complete, balanced crown structure with little to no deadwood and minimal defects as well as a properly formed root flare.
Fair	Represents a tree with minor health, balance or structural issues with minimal to moderate deadwood. Branching structure shows signs of included bark or minor rot within the branch connections or trunk wood. The root flare shows minimal signs of mechanical injury, decay, poor callusing, or girdling roots. Trees in the category require minor remedial actions to improve the vigour and structure of the tree.
Poor	Represents a tree that exhibits a poor vigour, reduced crown size (<30% of crown typical of species caused by overcrowding or decline), extreme crown imbalance, or extensive rot in the branching and trunk wood. Fungus could be seen from these rotting areas, suggesting further decay. These trees have extensive crown die back with a large amount of deadwood, and possibly dead sections. These weakened areas can lead to a potential failure of tree sections. Rooting zones show signs of extensive root decay or damage (fruiting bodies or mechanical damage) or girdling roots. Trees in this category require more extensive actions to prevent failure. A tree identified as poor would be a candidate for removal in the near future.
Very Poor	Represents a tree that exhibits major health and structural defects. Quite often the defects or diseases affecting this tree will be fatal. Large quantities of fungus, large dead sections with possible cavities and bark falling off all are signs that a tree is in a major state of decline and would be identified as very poor. These trees have a probable or imminent potential for structural failure. These trees should be identified for removal.
Dead	Represents a tree that exhibits no sign of new growth, including buds, foliage, or shoot growth. These trees have a probable or imminent potential for structural failure. These trees should be identified for removal.

¹ (Dunster 2009)

Potential for Structural Failure Assessment Criteria

Assessment Criteria*	Definition ¹
Improbable	The tree or branch is not likely to fail during normal weather conditions and may not fail in many severe weather conditions within the specified time frame.
Possible	Failure could occur, but it is unlikely during normal weather conditions within the specified time frame.
Probable	Failure may be expected under normal weather conditions within the specified time frame.
Imminent	Failure has started or is most likely to occur in the near future, even if there is no significant wind or increased load. This is a rare occurrence for an assessor to encounter, and it may require immediate action to protect people from harm.
	*A specified time frame of 1 year will be used when assessing potential for structural failure.

¹ (Dunster et al. 2013)

Appendix III
Conditions of Assessment

Conditions of Tree Assessment

Limitations

This tree inventory and assessment is based on the circumstances and observations as they existed at the time of the site inspection of the Client's Property in London, Ontario (the "Property") and the trees situated thereon by NRSI and upon information provided by the Client to NRSI. The opinions in this assessment are given based on observations made and using generally accepted professional judgment, however, because trees are living organisms and subject to change, damage and disease, the results, observations, recommendations, and analysis as set out in this assessment are valid only at the date any such observations and analysis took place. No guarantee, warranty, representation or opinion is offered or made by NRSI as to the length of the validity of the results, observations, recommendations and analysis contained within this assessment. As a result, the Client shall not rely upon this assessment, save and except for representing the circumstances and observations, analysis and recommendations that were made as at the date of such inspections. It is recommended that the trees discussed in this assessment should be re-assessed periodically, where required (i.e. within 1 year).

Further Services

Neither NRSI, nor any assessor employed or retained by NRSI (the "Assessor") for the purpose of preparing or assisting in the preparation of this assessment shall be required to provide any further consultation or services to the Client, save and except as already carried out in the preparation of this assessment and including, without limitation, to act as an expert witness or witness in any court in any jurisdiction unless the Client has first made specific arrangements with respect to such further services, including, without limitation, providing the payment of the Assessor's regular hourly billing fees.

NRSI accepts no responsibility for the implementation of all or any part of the assessment, unless specifically requested to examine the implementation of such activities recommended herein. In the event that inspection or supervision of all or part of the implementation is requested, that request shall be in writing and the details agreed to in writing by both parties.

Assumptions

The Client is hereby notified and does hereby acknowledge and agree that where any of the facts and information set out and referenced in this assessment are based on assumptions, facts or information provided to NRSI, the Client and/or third parties and unless otherwise set out within this assessment, NRSI will in no way be responsible for the veracity or accuracy of any such information and further, the Client acknowledges and agrees that NRSI has, for the purposes of preparing their assessment, assumed that the Property, which is the subject of this assessment is in full compliance with all applicable federal, provincial, municipal and local statutes, regulations, by-laws, guidelines and other related laws. NRSI explicitly denies any legal liability for any and all issues with respect to non-compliance with any of the above-referenced statutes, regulations, by-laws, guidelines and laws as it may pertain to or affect the Property to which this assessment applies.

Restriction of Assessment

The assessment carried out was restricted to the Property as identified within this report. No assessment of any other trees has been undertaken by NRSI, save those trees within 5m of property boundaries. NRSI is not legally liable for any other trees on the Property except those expressly discussed herein. The conclusions of this assessment do not apply to any areas, trees, or any other property not covered or referenced in this assessment.

Professional Responsibility

In carrying out this assessment, NRSI and any Assessor appointed for and on behalf of NRSI to perform and carry out the assessment has exercised a reasonable standard of care, skill and diligence as would be customarily and normally provided in carrying out this assessment. The assessment has been made using accepted arboricultural techniques. These include a visual examination of each tree for structural defects, scars, external indications of decay such as fungal fruiting bodies, evidence of insect attack, discolored foliage (during the leaf-on period), the condition of any visible root structures, the degree and direction of lean (if any), the general condition of the tree(s) and the surrounding site, and the current or planned proximity of property and people. Except where specifically noted in the assessment, none of the trees examined on the

property were dissected, cored, probed, or climbed and detailed root crown examinations involving excavation were not undertaken.

While reasonable efforts have been made to ensure that the trees recommended for retention are healthy, no guarantees are offered, or implied, that these trees, or all parts of them will remain standing. It is professionally impossible to predict with absolute certainty the behaviour of any single tree or group of trees, or all their component parts, in all given circumstances. Inevitably, a standing tree will always pose some risk. Most trees have the potential to fall, lean, or otherwise pose a danger to property and persons in the event of adverse weather conditions, and this risk can only be eliminated if the tree is removed.

Without limiting the foregoing, no liability is assumed by NRSI or its directors, officers, employers, contractors, agents or Assessors for:

- a) any legal description provided with respect to the Property;
- b) issues of title and or ownership respect to the Property;
- c) the accuracy of the Property line locations or boundaries with respect to the Property; and
- d) the accuracy of any other information provided to NRSI by the Client or third parties;
- e) any consequential loss, injury or damages suffered by the Client or any third parties, including but not limited to replacement costs, loss of use, earnings and business interruption; and
- f) the unauthorized distribution of the assessment.

Third Party Liability

This assessment was prepared by NRSI exclusively for the Client. The contents reflect NRSI's best assessment of the trees situated on the Property in light of the information available to it at the time of preparation of this assessment. Any use which a third party makes of this assessment, or any reliance on or decisions made based upon this assessment, are made at the sole risk of any such third parties. NRSI accepts no responsibility for any damages or loss suffered by any third party or by the Client as a

result of decisions made or actions based upon the use or reliance of this assessment by any such party.

General

Any plans and/or illustrations in this assessment are included only to help the Client visualize the issues in this assessment and shall not be relied upon for any other purpose.

This report shall be considered as a whole, no sections are severable, and the assessment shall be considered incomplete if any pages are missing.

Appendix IV
Tree Data Summary Tables

Summary of Inventoried Trees

Common Name	Scientific Name	Excellent	Good	Fair	Poor	Very Poor	Dead	Total
Native Species								
American Basswood	<i>Tilia americana</i>		10	11				21
American Beech	<i>Fagus grandifolia</i>			1	1			2
American Elm	<i>Ulmus americana</i>			1	3	1	1	6
Balsam Fir	<i>Abies balsamea</i>			1				1
Black Cherry	<i>Prunus serotina</i>		2	2				4
Black Walnut	<i>Juglans nigra</i>	1	10	11				22
Common Hackberry	<i>Celtis occidentalis</i>		6	2				8
Eastern Cottonwood	<i>Populus deltoides</i>		9	11				20
Eastern White Cedar	<i>Thuja occidentalis</i>		2	2	1		1	6
Eastern White Pine	<i>Pinus strobus</i>		25	28	19	2	5	79
Freeman's Maple	<i>Acer x freemanii</i>		4					4
Green Ash	<i>Fraxinus pennsylvanica</i>		3	7	2	1	1	14
Hawthorn sp.	<i>Crataegus sp.</i>				1			1
Large-toothed Aspen	<i>Populus grandidentata</i>		1	1	1			3
Manitoba Maple	<i>Acer negundo</i>			9	2			11
Northern Red Oak	<i>Quercus rubra</i>		1	3				4
Red Maple	<i>Acer rubrum</i>		1					1
Red Pine	<i>Pinus resinosa</i>			3			6	9
Sugar Maple	<i>Acer saccharum</i>		39	32	3	1	2	77
Sweet Crabapple	<i>Malus coronaria</i>			2				2
Sycamore Maple	<i>Acer pseudoplatanus</i>		1					1
Trembling Aspen	<i>Populus tremuloides</i>		15	20	4	1	10	50
White Ash	<i>Fraxinus americana</i>		3	12	2	9	6	32
White Oak	<i>Quercus alba</i>		2					2
White Spruce	<i>Picea glauca</i>	4	95	106	29	6	7	247
Willow sp.	<i>Salix sp.</i>		3	3				6
Total		5	232	268	68	21	39	633
Amur Maple	<i>Acer ginnala</i>		3	1	1			5
Black Pine	<i>Pinus nigra</i>			2	1			3
Blue Spruce	<i>Picea pungens</i>	2	53	81	24	6		166
Chanticleer Pear	<i>Pyrus calleryana</i> 'Chanticleer'			1				1
Common Apple	<i>Malus pumila</i>		2	5	5			12
Common Pear	<i>Pyrus communis</i>			3				3
English Oak	<i>Quercus robur</i>		1					1
European Mountain-ash	<i>Sorbus aucuparia</i>		1		1		1	3
Japanese Maple	<i>Acer japonicum</i>		1					1

Common Name	Scientific Name	Excellent	Good	Fair	Poor	Very Poor	Dead	Total
Japanese Zelkova	<i>Zelkova serrata</i>		1					1
Little-leaf Linden	<i>Tilia cordata</i>		14	27	3	1		45
London Plane-tree	<i>Platanus × hispanica</i>			1				1
Maiden-hair Tree	<i>Ginkgo biloba</i>			1				1
Norway Maple	<i>Acer platanoides</i>		23	32	2	1		58
Norway Spruce	<i>Picea abies</i>		34	24	1			59
Sweet Cherry	<i>Prunus avium</i>			2	3			5
Thornless Honey Locust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>		40	49	4			93
White Mulberry	<i>Morus alba</i>		5	10	3	1	2	21
White Willow	<i>Salix alba</i>			1				1
White Fir	<i>Abies concolor</i>		3	3	2			8
Bradford Pear	<i>Pyrus calleryana</i>		2					2
Other	Unknown						1	1
Total		2	183	243	50	9	4	491
Overall Total		7	415	511	118	30	43	1124

Overall Health of Trees Inventoried

Potential for Structural Failure Rating	Overall Condition						Total
	Excellent	Good	Fair	Poor	Very Poor	Dead	
Improbable	7	384	452	66	5	0	914
Possible	0	28	55	46	19	30	178
Probable	0	3	4	6	6	12	31
Imminent	0	0	0	0	0	1	1
Total	7	415	511	118	30	43	1124

Maps

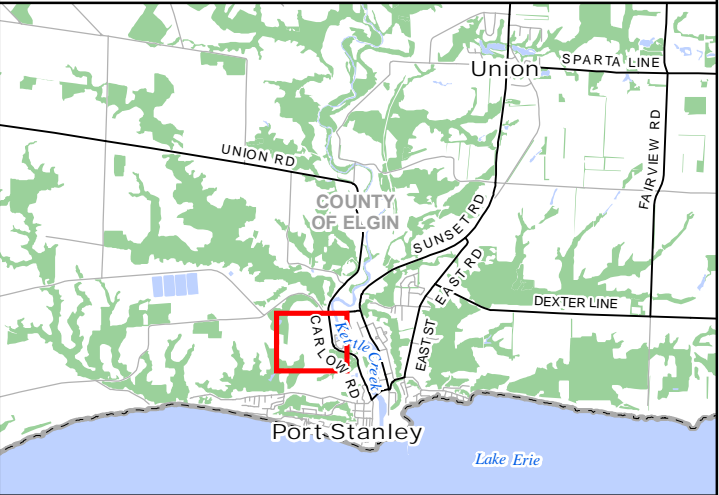
Map 1. Subject Property

Map 2. Tree Inventory and Protection Plan



Path: X:\2982_KettleCreekGC_PortStanley\NRSI_2982_Map1_TIPP_11x17_3K_2024_11_22_LRC.mxd

Kettle Creek Golf Course Tree Inventory and Preservation Plan



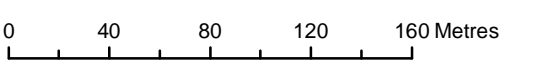
Legend

- Subject Property
- Inventoried Tree (Crown to Scale)
- Permanent Watercourse
- Intermittent Watercourse

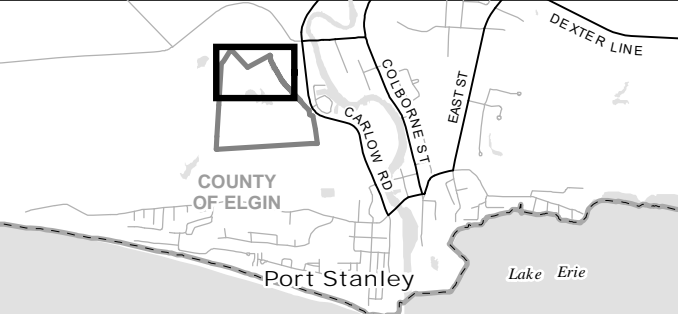


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Project: 2982 Date: November 22, 2024	NAD83 - UTM Zone 17 Size: 11x17" 1:3,000
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Kettle Creek Golf Course
Port Stanley
Tree Inventory and Preservation Plan



- Legend**
- Inventoried Tree to be Retained (Crown to Scale)
 - Inventoried Tree to be Retained - Prune (Crown to Scale)
 - Inventoried Tree to be Removed (Crown to Scale)
 - Property Boundary
 - Proposed Site Plan
 - Existing Conditions
 - Wetland Boundary (NRSI July 21, 2023)
 - Dripline (NRSI December 14, 2023 and March 11, 2024)
 - Wetland Buffer (15m)
 - Dripline Buffer (10m)
 - Watercourse (Warm Water)
 - Watercourse Buffer (15m)
 - Tree Protection Fencing (TPF)



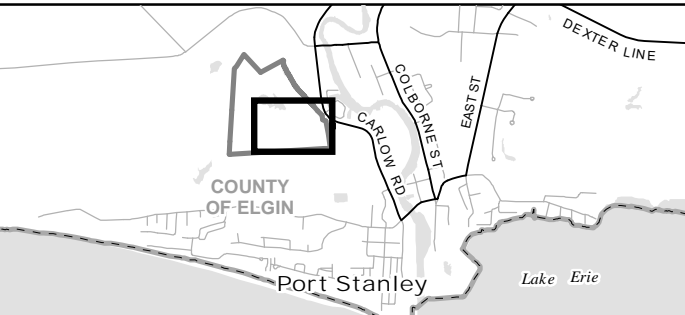
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Project: 2002	NAD83 - UTM Zone 17	N
Date: March 5, 2025	Size: 24x30"	
0 4 8 12 16 20 24 28 32 36 40		Meters



Kettle Creek Golf Course
Port Stanley

Tree Inventory and Preservation Plan



- Legend**
- Inventoried Tree to be Retained (Crown to Scale)
 - Inventoried Tree to be Retained - Prune (Crown to Scale)
 - Inventoried Tree to be Removed (Crown to Scale)
 - Property Boundary
 - Proposed Site Plan
 - Existing Conditions
 - Road
 - Dripline (NRSI December 14, 2023 and March 11, 2024)
 - Dripline Buffer (10m)
 - Watercourse (Warm Water)
 - Watercourse Buffer (15m)
 - Tree Protection Fencing (TPF)

NATURAL RESOURCE SOLUTIONS INC.
Aquatic, Terrestrial and Wetland Biologists

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Project: 2002
Date: March 5, 2025
NAD83 - UTM Zone 17
Size: 24x30"
Scale: 1:575



0 4 8 12 16 20 24 28 32 36 40 Meters

BLOCK 131
MEDIUM
DENSITY
0.65 Ha

BLOCK 133
PARKLAND
0.10 Ha

BLOCK 134
PARKLAND
0.02 Ha

BLOCK 135
NATURAL
ENVIRONMENT
1.53 Ha

Existing gravel pathways adjacent to, or within TPF
to be removed with care under the supervision of a
Certified Arborist and renaturalized.

Excavation in this area
to be completed
under the supervision
of a Certified Arborist.

Existing gravel pathways adjacent to, or within TPF
to be removed with care under the supervision of a
Certified Arborist and renaturalized.

Existing parking structure to be
removed in entirety, and renaturalized
within watercourse buffer.

15m WATERCOURSE
BUFFER (NRSI 2024)

