ARCADIS
ARBORIST REPORT
TUNNEY'S PASTURE, OTTAWA, ON
Prepared for Canada Lands Company

Arborist Report Tunney's Pasture, Ottawa, ON

2025-07-22



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1 INTRODUCTION AND OVERVIEW

In 2021, Public Service and Procurement Canada (PSPC) partnered with Canada Lands Company (CLC) under a collaboration project to leverage the strengths of each organization to deliver the long-term vision of Tunney's Pasture that includes the site's transition from a federal employment centre into a mixed-use, sustainable, transit-orientated community. CLC is a self-financing federal Crown corporation specializing in real estate and development with a mandate to transform former Government of Canada properties and reintegrate them into local communities while ensuring their long-term goals. Since the launch of this collaboration project, CLC has been committed to working with the community to define amendments to the TPMP and proposed upgrades to the existing roadway and servicing infrastructure that support both federal priorities and future development.

Arcadis was retained by CLC for the preparation of this Arborist Report and accompanying Tree Removal and Protection Plans for Tunney's Pasture, Ottawa, Ontario in support of the Draft Plan of Subdivision Application for the Public Road Redevelopment. This report will identify all trees within the limits of work, and within 6.0 m offset of the subject property.

The subject property is a 49-hectare parcel of land that has been exclusively developed for federal government buildings. It is bordered by Scott Street to the south, Parkdale Avenue to the east, the Kichi Zibi Mikan (former Sir John A. MacDonald Parkway) to the north and Northwestern Avenue to the west.

The purpose of this report is to:

- Identify species, location, size, condition, and category of all existing trees over 10 cm diameter at breast height (DBH) on the subject property and within 6.0 m from the subject property line, as per City Bylaw.
- Include trees of any size on public lands within 6.0 m of the subject property line, in accordance with the City Bylaws.
- Provide tree protection and preservation recommendations, if applicable, considering future construction footprints; and
- Provide rationale for the removal of trees

The report aligns with the following regulations:

• City of Ottawa Tree Protection By-Law (2020-340)

2 METHODOLOGY

2.1 Inventory

- The trees and surrounding sites were assessed over two site visits. The first site visit spanned from November 23, 2022 - November 26, 2022 and the second site visit spanned from December 12th, 2022 – December 13th, 2022. Individual trees were tagged with unique forestry tags, tree groups are uniquely identified and are referenced in the Tree Protection and Removal Plans (TPP-1 to TPP-9) and Existing Tree Identification Table (Appendix B).
- 2. Field Data was collected by the following staff:
 - Zara Brown, ISA© Certified Arborist, ON-2252A
 - Christina Pilz, ISA© Certified Arborist, ON-0871A
 - · Lindsay Jackson, Ecologist

Field Data was collected using:

- Arrow 200® RTK GNSS Receiver Centimeter-Level Accurate GNSS Receiver with RTK Capability
- 3. Tree locations and trees along the City's right-of-way were referenced on a Survey dated January 6, 2023 prepared by Annis, O'Sullivan, Vollebekk LTD.
- 4. Trunk diameter was measured using a calibrated diameter tape, for all trees on the subject property and City's right-of-way. The measurement was taken at the standard 1.4m above ground or grade crown level (i.e., DBH). Where access was not available (i.e., trees located on adjacent private properties and densely branched conifers), trunk diameter was approximated.
- 5. Tree Protection and Removal Plans (**TPP-1 to TPP-9**), and Tree Protection Specification (**TPD-1**) accompany this report, dated June 13, 2025. Plans must be reviewed in conjunction with this report.

2.2 DEFINITIONS

- Adjacent Tree: A tree of which the trunk is growing on a property sharing a boundary with the subject site.
- 2. Boundary Tree: A tree of which any part of the trunk is growing across one or more property lines.
- 3. **Comments**: Observations on tree structure or condition outside of expected form and highlighting any attributes that may require specific attention (e.g., codominant stems, invasive species, pest infestation, etc.).
- 4. **Condition Rating**: The condition of each tree has been assessed based on several factors, including size, species, condition, location, root system, trunk, branching, twigs and foliage, disease evidence, and the overall health and vigour of the tree. Each tree will be provided a condition as outlined in the categories below.

Tree Condition Rating Specifications:

GOOD: Less than 10% dead branches and wounds present, good signs of

compartmentalization, no structural defects.

FAIR: 10 to 30% dead branches, small/thin foliage, size or occurrence of wounds

present concern, minor structural defects exist.

POOR: Greater than 30% dead branches, small/thin foliage, early leaf drop, presence of

insects/disease associated with decline/decay, weak compartmentalization,

structural defects are of significant concern.

DEAD: The tree shows no signs of life.

- 5. **Critical Root Zone (CRZ)**: The Critical Root Zone (CRZ) is established as being 10 centimetres from the trunk of a tree for every 10 centimetres of trunk DBH measured in a radius around the tree. The CRZ is calculated as DBH x 10cm.
- 6. **DBH**: Diameter at breast height measured at 140 cm above the ground with a calibrated diameter tape or tree caliper.
 - For multi-stemmed trees that fork between 30 and 140 cm, a single measurement is taken at a lower height—either just below the fork or at 30 cm.
 - For multi-stemmed trees that fork below 30 cm, the total of the diameters of the three (3) largest stems measured approximately 140 cm above existing grade.
 - For densely branched conifers, the DBH may be estimated if access to the trunk with a diameter tape or tree caliper is not possible.
- 7. **Distinctive Tree:** DBH of 50cm or more on properties in the suburban area or urban lands outside the Greenbelt.

- 8. **Dripline Radius**: The distance in metres of the area located directly under the outer circumference of the tree branches (canopy).
- 9. **Impacts**: Determination of whether the proposed impacts of construction will affect a specimen. How the proposed construction impacts a specimen is outlined in the **Reason for Removal**.
- 10. Municipal Tree: Any tree, including a boundary tree, that is located completely on municipal property.
- 11. **Ownership**: Ownership of the property on which the tree is located, is reported according to criteria set out in Section 2.4.
- 12. **Recommendation**: Determination to preserve (P), remove (R), or transplant (T) the specimen based on anticipated impacts. Injured trees to be preserved (I) are also identified.
- 13. **Right-of-Way (ROW)**: The municipal road allowance, is land owned by a municipality which includes the roadways, sidewalks and a section of land used for utility services (e.g., electrical equipment, water mains, gas lines and telecommunication cables).
- 14. **Species**: Each tree will be identified by botanical and common name.
- 15. **Tree Injury**: Any act that will harm a tree's health in any manner, including removal, cutting, girding of the tree or roots, interfering with the water supply, application of chemicals, compaction, regrading within the dripline of the tree, or by other means including irreversible injury which may result from neglect, accident, or design, but does not include pruning.
- 16. **Tree Group**: A group of a single species within a defined area. Each specimen is listed within the Existing Tree Identification Table (**Appendix B**)
- 17. **Tree Number**: A number for each tree on the plans corresponding to the number specified in the Existing Tree Identification Table (**Appendix B**).

2.3 Assessment

- 1. Tree health at time of analysis including, but not limited to:
 - a. Obvious defects (leaf discoloration, abnormal leaf size, shortened nodes)
 - b. Decay
 - c. Dieback
 - d. Disfigured stem
 - e. Broken roots
 - f. Fungal conks
 - g. Disease (biotic/abiotic/non-infectious)
 - h. Chemical damage (pesticides/herbicides/fertilizers).
- 2. Structural integrity
 - a. Root conditions and stability
 - b. Trunk soundness
 - c. Decay/cavities
 - d. Codominant stems
 - e. Dead limbs
 - f. Tree canopy
- 3. Projected tree age and longevity; and
- 4. Tree species' response to the proposed construction within the MTPZ.

2.4 CATEGORY

Trees were categorized based on their location as per the survey and site recording:

- 1. S Private Tree on the Subject Property
- 2. M Municipal Tree
- 3. A Adjacent Tree
- 4. B Boundary Tree

3 GENERAL OBSERVATIONS AND COMMENTS

A total of one thousand eighty-eight (1088) trees were inventoried and reported in the Existing Tree Identification Table (Appendix B) as three hundred twenty (320) individual trees and one hundred seventy-eight (178) tree groups (each specimen identified). One hundred seventy-three (173) trees were inventoried on adjacent property or at the property boundary. Tree species are a mix of deciduous and coniferous vegetation, native and non-native species, all of which appear to be planted.

4 TREE REMOVALS & PROTECTION RECOMMENDATIONS

The proposed works are anticipated to cause the removal of fifty-six (56) trees. Of the fifty-six (56), thirty-six (36) trees are less than 30cm DBH and will be excluded from compensation calculations. Twenty (20) trees, greater than 30cm DBH are alive, will be removed and will require compensation as outlined in Section 5 Compensation Requirements. A total of one thousand thirty-two (1032) trees within the vicinity of proposed work will be preserved.

The survival rates for trees, which are in proximity to construction, are dependent on the resultant changes to a variety of environmental and anthropogenic factors. These construction activities bring about changes to a variety of environmental features such as the existing microclimate that includes wind, air temperature, soil moisture, amount of available sunlight, soil quality and the level of the water table. Increased human activities may also damage the structure and /or physiological activities of the trees. The full effects of the damage may not appear until several years after its occurrence. Thus, it is essential that both vegetative clearing and preservation methods follow those requirements set out by the City of Ottawa Tree By-laws and applicable provincial regulations, and additional recommendations that are in keeping with good arboricultural and construction practices.

5 COMPENSATION REQUIREMENTS

5.1 PRIVATE TREES

For private property in the urban area, of any size, subject to a Planning Act application (Site Plan, Plan of Subdivision), compensation will be determined through development review process. In the interim, it is noted that for private property in the urban area, over 1 hectare in size not associated with Planning Act application or infill development, the compensation ratio is 1:1 for each tree removed. Twenty (20) trees would therefore be required for compensation, in that instance. Where the tree proposed to be removed is dead, hazardous, or an ash tree a 1:1 replacement planting is also required. There are no dead, hazardous or ash trees proposed to be removed.

6 CONCLUSION

The Arborist Report is for the assessment of trees that may be impacted by the development of the proposed streets and right of ways (ROW). The following table summarizes the tree assessment and the number of trees to be removed.

Tree Evaluation Summary

Tree Inventory						
Total number of trees inventoried	1088					
Total number of trees to be removed	56					
Total number of trees to be municipal	0					
Total number of trees to be preserved and/or injured	1032					
Compensation Exemptions						
Number of trees DBH <30 cm	36					
Compensation						
Number of dead, hazardous and ash trees removed	0					
Number of private trees removed >30cm DBH	20					
Private tree compensation	20					
Total compensation provided (Landscape Plan)	0					
Cash-in lieu Compensation	0					

Care must be taken to protect trees that are listed to be protected with tree protection fencing as required by the city. Tree protection fencing shall be erected prior to the start of demolition and construction and maintained for the duration of the work. Site visits by a Certified Arborist (ISA) before, during and after construction are recommended to ensure proper tree protection methodology. Trees shall also be inspected for damage incurred during construction to ensure appropriate pruning and/or other mitigation measures are implemented.

7 LIMITATIONS OF ASSESSMENT

Portions of the Greater Ottawa Area, including the City of Vaughan, have been regulated by the Canadian Food Inspection Agency under the federal Plant Protection Act to restrict movement of specific wood materials for the management and control of the Asian Longhorn Beetle and Emerald Ash Borer. Contractors undertaking tree pruning and removals for this project shall ensure that the disposal of all tree material is completed in accordance with these and other applicable regulations.

The assessment presented in this report has been made using accepted standard arboriculture techniques as outlined in the *Council of Tree and Landscape Appraisers (2020) Guide for Plant Appraisal, 10th Edition Revised.* These techniques include visual examination of above-ground parts of each tree. The trees observed were not climbed, probed, cored, or dissected, and excavation for detailed root crown inspection was not performed. Since some symptoms may only be present seasonally, the extent of observations that can be made may be limited by the time of year in which the inspection took place.

It must be realized that trees are living organisms, and their health and vigor continually change over time due to seasonal variations, changes in site conditions, and other factors. For this reason, the assessment presented in this report is valid at the time of inspection, and no guarantee is made about the continued health of trees that are deemed to be in good condition. It is recommended that the trees be re-assessed periodically. While every standing tree has the potential for failure and therefore poses some risk, a tree assessment is a good indication of present health and potential problems that could arise in the future.

Respectfully Submitted By:

Respectfully Reviewed By:

TAYLOR KEMP ISA CERTIFIED ARBORIST ON-2921A LANDSCAPE DESIGNER

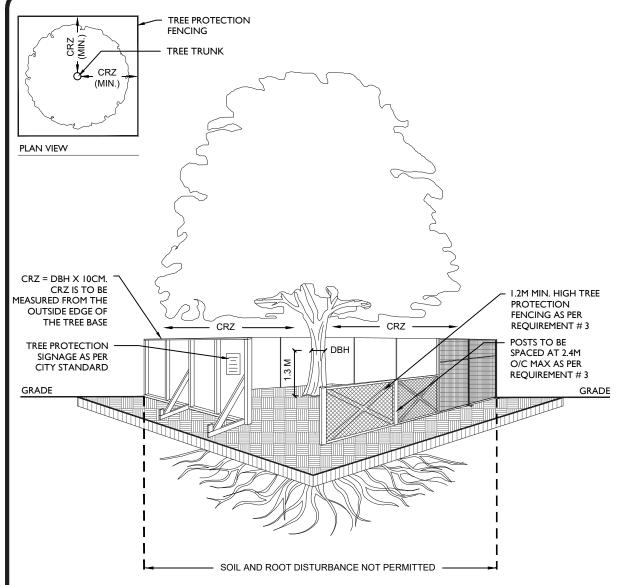
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8 APPENDIX A – CITY OF OTTAWA TREE PROTECTION DETAIL



TREE PROTECTION REQUIREMENTS:

- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
- 2. UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
 - DO NOT PLACE ANY MATERIAL OR EQUIPMENT INCLUDING OUTHOUSES;
 - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
 - DO NOT RAISE OR LOWER THE EXISTING GRADE;
 - TUNNEL OR BORE WHEN DIGGING;
 - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE:
 - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
 - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING
- 3. TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"X4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMISE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)
- 4. THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE INFORMATION REPORT, ETC). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
- 5. IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

THE CITY'S TREE PROTECTION BY-LAW, 2020-340 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY-OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREEBYLAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

ACCESSIBLE FORMATS AND COMMUNICATION SUPPORTS ARE AVAILABLE, UPON REQUEST



TREE PROTECTION SPECIFICATION

TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

SCALE: NTS

DATE: MARCH 2021

DRAWING NO.: 1 of 1

9 APPENDIX B – EXISTING TREE IDENTIFICATION TABLE

EXISTING TREE IDENTIFICATION TABLE TREE CONDITION: OWNERSHIP: RECOMMENDATION: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) M - Municipal Tree FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) B - Boundary Tree compartmentalization, structural defects are significant. Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury MMENDATION DISTINCTIVE OWNERSHIP CONDITION TREE NO. OR GRP BOTANICAL NAME COMMENTS COMMON NAME OT ZONE (m) EVELOPMENT OR REMOVAL

					CRITICAL ROC		IMPACTS OF DE	REASON FO	RECOMIN	
11	RHAMNUS CATHARTICA	BUCKTHORN	15.5	F	1.6	Α	NONE		Р	NOT TAGGED
17	RHAMNUS CATHARTICA	BUCKTHORN	14.1	F	1.4	S	NONE		Р	NOT TAGGED
18	PICEA GLAUCA	WHITE SPRUCE	31.5	F	3.2	Α	NONE		Р	SLIGHT LEAN, NOT TAGGED
19	ACER SP.	MAPLE SPECIES	20.0	F	2.0	_	NONE		Р	
20	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	20.0	G	2.0		NONE		Р	
21	ACER RUBRUM	RED MAPLE	25.0	G	2.5	_	NONE		Р	
22	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	15.0	F	1.5	_	NONE		Р	
23	PICEA GLAUCA	WHITE SPRUCE	26.0	F	2.6	_	NONE		-	PILATED WOODPEACKER FORAGING ON BARK
24	MALUS SP	APPLE TREE	14.0	Р	1.4	_	NONE		Р	OLD TAG 239
301	FRAXINUS AMERICANA	WHITE ASH	15.5	G	1.6		NONE		Р	
302	PICEA GLAUCA	WHITE SPRUCE	30.5	F	3.1		NONE		Р	
303	ACER PLATANOIDES	NORWAY MAPLE	22.0	G	2.2		NONE		P	
304	RHAMNUS CATHARTICA	BUCKTHORN	11.5	G	1.2	_	NONE		P	
305	MALUS SP	APPLE TREE	20.0	G	2.0	_	NONE		P	MODERATE LEAN
306	ACER PLATANOIDES	NORWAY MAPLE	29.5	G	3.0	_	NONE		Р	
307	RHAMNUS CATHARTICA	BUCKTHORN	22.3	G	2.2		NONE		P	CICAL NO. OF BROKEN BRANCHES POSSIBLE BISEASE
308	FRAXINUS AMERICANA	WHITE ASH	48.5	-	4.9	_	NONE		Р	SIGN NO OF BROKEN BRANCHES, POSSIBLE DISEASE
309	MORUS SP	MULBERRY TREE	14.0	F	1.4		NONE		P P	ADJACENT TO FENCE /DI
310	ACER SACCHARUM	SUGAR MAPLE	48.0	G	4.8 3.2	_	NONE NONE		P P	ADJACENT TO FENCE/PL
311 312	ACER SACCHARUM TILIA AMERICANA	SUGAR MAPLE BASSWOOD	31.5 19.0	G G	1.9	_	NONE		P D	
313	TILIA AMERICANA	BASSWOOD	43.5	Р	4.4	_	NONE		D	
314	TILIA AMERICANA	BASSWOOD	25.5	F	2.3	_	NONE		_ r	SLIGHT LEAN
315	RHAMNUS CATHARTICA	BUCKTHORN	21.5	F	2.2		NONE		P	Scion Leave
316	CARYA OVATA	SHAGBARK HICKORY	38.0	G	3.8	_	NONE		P	
317	ACER NEGUNDO	BOXELDER MAPLE	16.0	F	1.6	_	NONE		P	SLIGHT LEAN, EPICORMIC SHOOTS
318	PICEA GLAUCA	WHITE SPRUCE	29.5	F	3.0		NONE		_	CANOPY ONLY IN THE TOP 25%
319	FRAXINUS AMERICANA	WHITE ASH	15.0	Р	1.5		NONE			BENDING CENTRAL LEADER
320	POPULUS BALSAMIFERA	BALSAM POPLAR	16.5	G	1.6		NONE		Р	
321	ACER NEGUNDO	BOXELDER MAPLE	67.5 🗸	Р	6.8	S	NONE		Р	REMOVE/FELL AS SOON AS POSSIBLE
322	FRAXINUS AMERICANA	WHITE ASH	16.5	F	1.7	S	NONE		Р	
323	POPULUS BALSAMIFERA	BALSAM POPLAR	14.5	F	1.5	S	NONE		Р	MODERATE LEAN
324	ACER NEGUNDO	BOXELDER MAPLE	21.5	Р	2.2	S	NONE		Р	
325	(DEAD)		24.0	D			NONE		Р	
326	TILIA AMERICANA	BASSWOOD	23.5	G	2.4	S	NONE		Р	
327	ACER SACCHARINUM	SILVER MAPLE	16.5	F	1.7		NONE		Р	
328	RHAMNUS CATHARTICA	BUCKTHORN	19.0	G	1.9	_	NONE		Р	
329	ACER NEGUNDO	BOXELDER MAPLE	25.2	F	2.5	_	NONE		Р	
330	RHAMNUS CATHARTICA	BUCKTHORN	20.5	F	2.0	_	NONE		Р	
331	POPULUS BALSAMIFERA	BALSAM POPLAR	11.5	G	1.2	_	NONE		Р	
332	RHAMNUS CATHARTICA	BUCKTHORN	14.5	F	1.5	_	NONE		Р	
333	ACER NEGUNDO	BOXELDER MAPLE	30.0	F	3.0	S	NONE		Р	MIDDLE OF RHAMNUS CLUMP

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury DISTINCTIVE COMMENTS TREE NO. OR GRP **BOTANICAL NAME COMMON NAME** DEVELOPMENT RECOMMENDATION CONDITION ROOT ZONE (m OF. 334 ACER SACCHARUM 5.4 SUGAR MAPLE 53.7 ✓ G S NONE 335 FRAXINUS AMERICANA WHITE ASH 14.0 1.4 S NONE 337 55.5 ✓ G S NONE FRAXINUS AMERICANA WHITE ASH 5.6 S NONE 338 ACER SACCHARUM SUGAR MAPLE 16.5 Ρ 1.7 43.6 S NONE 339 ACER NEGUNDO BOXELDER MAPLE 4.4 P SIGN LEAN S NONE 340 JUGLANS NIGRA EASTERN BLACK WALNUT 77.0 ✓ G 7.7 18.8 D 341 (DEAD) S NONE Ρ 24.0 G S NONE 342 ACER SACCHARUM SUGAR MAPLE 2.4 Ρ F 343 POPULUS BALSAMIFERA **BALSAM POPLAR** 11.0 1.1 S NONE Ρ 344 ACER NEGUNDO **BOXELDER MAPLE** 10.0 F 1.0 S NONE Ρ 15.5 345 **BALSAM POPLAR** 1.6 S NONE Ρ POPULUS BALSAMIFERA 346 POPULUS BALSAMIFERA **BALSAM POPLAR** 49.7 G 5.0 S NONE 347 ACER RUBRUM RED MAPLE 43.8 F 4.4 S NONE Ρ 348 FRAXINUS AMERICANA WHITE ASH 20.5 2.1 S NONE 349 ACER SACCHARUM ✓ G S NONE SUGAR MAPLE 50.0 5.0 FRAXINUS AMERICANA WHITE ASH 27.0 F 2.7 S NONE 350 ACER SACCHARUM 18.0 F 1.8 S NONE 351 SUGAR MAPLE P 2 LEADERS ARE FUSED CLOSE TO THE FLARE 352 ACER SACCHARUM SUGAR MAPLE 32.5 G 3.3 S NONE QUERCUS RUBRA RED OAK 29.0 G 2.9 S NONE 353 D 21.0 354 (DEAD) S NONE Ρ G ACER PLATANOIDES **NORWAY MAPLE** 26.5 S NONE 355 2.7 356 PRUNUS SP CHERRY TREE 18.5 F 1.9 S NONE P MODERATE LEAN Р 357 QUERCUS RUBRA RED OAK 16.0 1.6 S NONE F TILIA AMERICANA **BASSWOOD** 21.5 2.2 S NONE 358 359 RHAMNUS CATHARTICA **BUCKTHORN** 18.0 1.8 S NONE 360 ACER SACCHARUM SUGAR MAPLE 27.5 G 2.8 S NONE 37.0 F 361 QUERCUS RUBRA RED OAK 3.7 S NONE P SIG CANOPY FAILURE 362 **QUERCUS ALBA** 90.0 ✓ F S NONE WHITE OAK 9.0 QUERCUS RUBRA RED OAK 50.8 ✓ F 5.1 S NONE 363 **QUERCUS RUBRA RED OAK** 43.5 F S NONE 364 4.4 Ρ 365 **QUERCUS RUBRA** RED OAK 40.2 4.0 S NONE 33.1 F S NONE 366 QUERCUS RUBRA RED OAK 3.3 Ρ 36.0 F S NONE 367 **QUERCUS RUBRA** RED OAK 3.6 Ρ 368 FRAXINUS AMERICANA WHITE ASH 28.0 G 2.8 A NONE Ρ RHAMNUS CATHARTICA **BUCKTHORN** F 369 24.0 2.4 A NONE **QUERCUS RUBRA** F 371 RED OAK 11.0 1.1 S NONE Ρ 372 PINUS SYLVESTRIS **AUSTRIAN PINE** 33.0 3.3 S NONE Ρ

373

374

375

378

379

400

POPULUS BALSAMIFERA

ACER NEGUNDO

ACER SACCHARUM

ACER SACCHARUM

ACER SACCHARUM

QUERCUS RUBRA

PICEA GLAUCA

BALSAM POPLAR

BOXELDER MAPLE

SUGAR MAPLE

SUGAR MAPLE

SUGAR MAPLE

WHITE SPRUCE

RED OAK

25.0

58.5

14.0

30.0

Р

G

G

✓ D

82.0 ✓ G

67.5 **✓** G

2.5

1.4

6.8

3.0

57.5 | ✓ | G | 5.8 | S | NONE

S NONE

S NONE

S NONE

A NONE

A NONE

8.2 S NONE

P NOT TAGGED

P UNTAGGED

Р

Ρ

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Injury Tree Removal COMMENTS TREE NO. OR GRP **BOTANICAL NAME COMMON NAME** DISTINCTIVE DEVELOPMENT RECOMMENDATION ROOT ZONE (m) CONDITION OF. ABIES BALSAMEA 2.0 401 BALSAM FIR 20.0 A NONE 402 ACER NEGUNDO **BOXELDER MAPLE** 40.6 4.1 S NONE 73.0 ✓ G 7.3 A NONE 403 ACER RUBRUM RED MAPLE 23.4 404 RHAMNUS CATHARTICA **BUCKTHORN** F 2.4 A NONE RHAMNUS CATHARTICA **BUCKTHORN** 18.0 405 1.8 S NONE 407 ACER PLATANOIDES NORWAY MAPLE 60.0 ✓ G 6.0 S NONE S IMPACTED RIGHT-OF-WAY REDEVELOPMENT **CARPINUS BETULUS** HORNBEAM 13.5 G 1.4 408 ACER RUBRUM RED MAPLE 8.0 F S IMPACTED RIGHT-OF-WAY REDEVELOPMENT 802 R 803 ACER SACCHARINUM SILVER MAPLE 30.0 F 3.0 S IMPACTED RIGHT-OF-WAY REDEVELOPMENT R G **QUERCUS PALUSTRIS** NORTHERN PIN OAK 9.0 0.9 S NONE 804 77.5 7.8 S LIMITED 805 **ULMUS AMERICANA** AMERICAN ELM G RIGHT-OF-WAY REDEVELOPMENT F ACER RUBRUM RED MAPLE 11.0 1.1 S NONE TRUNK GIRDLED BY TIE 807 G 808 AMELANCHIER ARBOREA DOWNY SERVICEBERRY 11.0 1.1 S NONE 809 ACER RUBRUM **RED MAPLE** 50.0 ✓ G 5.0 S NONE P OLD TAG 201 ✓ F 811 MALUS SP APPLE TREE 70.0 7.0 S NONE P OLD TAG 198, LOW BRANCH UNION GLEDITSIA TRICANTHOS VAR. INERMIS THORNLESS HONEY LOCUST 10.0 G 1.0 S NONE 815 816 GLEDITSIA TRICANTHOS VAR. INERMIS THORNLESS HONEY LOCUST 11.0 G 1.0 S NONE SYRINGA RETICULATA 'IVORY SILK' JAPANESE TREE LILAC 19.0 G 1.9 S NONE 817 40.0 F 4.0 S NONE 818 PICEA ABIES **NORWAY SPRUCE** 819 **PINUS NIGRA AUSTRIAN PINE** 55.0 ✓ G 5.5 S NONE 822 PINUS NIGRA AUSTRIAN PINE 71.0 ✓ G 7.1 S NONE P OLD TAG 314 55.0 823 MALUS SP APPLE TREE **✓** F 5.5 S NONE 23.0 2.3 S NONE 824 **AESCULUS GLABRA** OHIO BUCKEYE G APPLE TREE 26.0 825 MALUS SP Р 2.6 S NONE 827 ACER NEGUNDO BOXELDER MAPLE 16.5 F 1.7 S NONE ACER PLATANOIDES **NORWAY MAPLE** 54.5 828 5.5 S NONE P TWISTED AND INCLUDED BARK IN TRUNK 834 MALUS SP APPLE TREE 21.5 Ρ 2.2 S NONE P LEADER DEAD 835 MALUS SP APPLE TREE 33.0 Р 3.3 S NONE P OLD TAG 279 Р 837 FRAXINUS AMERICANA WHITE ASH 23.0 2.3 S NONE P OLD TAG 294 QUERCUS ALBA WHITE OAK 10.0 G 1.0 S NONE 840 G 841 AMELANCHIER ARBOREA DOWNY SERVICEBERRY 8.5 0.9 S NONE **AESCULUS HIPPOCASTANUM** HORSECHESTNUT 34.0 G 846 3.5 S NONE 847 **ACER PLATANOIDES** NORWAY MAPLE 26.0 Ρ 2.6 S NONE Ρ G RHAMNUS CATHARTICA BUCKTHORN 10.0 1.0 S NONE 848 F ACER NEGUNDO BOXELDER MAPLE 16.0 1.6 S NONE 849 Ρ SORBUS AMERICANA MOUNTAIN ASH 23.0 2.3 S NONE P CROWN ONE SIDED, 20% DEADWOOD 850 851 MALUS SP APPLE TREE 24.0 G 2.4 S NONE G 853 ULMUS AMERICANA AMERICAN ELM 27.0 2.7 S NONE NORWAY MAPLE 34.0 F S NONE 856 **ACER PLATANOIDES** 3.4 857 ACER SACCHARUM SUGAR MAPLE 40.0 4.0 S NONE

2.8 S NONE

2.5 S NONE

2.9 S NONE

2.8 S NONE

P OLD TAG 228

Ρ

Р

ULMUS PUMILA

QUERCUS RUBRA

CELTIS OCCIDENTALIS

PINUS NIGRA

859 860

861

862

SIBERIAN ELM

AUSTRIAN PINE

RED OAK

COMMON HACKBERRY

27.5

25.0

29.5

28.5

F

G

G

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940

946

950

PICEA GLAUCA

ACER SACCHARUM

ACER SACCHARUM

WHITE SPRUCE

SUGAR MAPLE

SUGAR MAPLE

24.0

74.0

26.0

G

✓ G

2.4 S NONE

S NONE

7.4

2.6

S IMPACTED RIGHT-OF-WAY REDEVELOPMENT

Р

R

P DYING BRANCHES, EVIDENCE OF SAPSUCKER FORAGING

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Ρ

G

G

3.0

A NONE

Р

Ρ

Ρ

4.0 S NONE

3.8 A NONE

1.0 A NONE

5.0 A NONE

30.0

40.0

38.1

10.0

50.0 **✓** P

WHITE SPRUCE

WILLOW TREE

SIBERIAN ELM

COLUMNAR ENGLISH OAK

NORTHERN WHITE CEDAR

PICEA GLAUCA

QUERCUS ROBUR 'FASTIGIATA'

THUJA OCCICENTALIS

ULMUS PUMILA

SALIX SP.

1007

1008

1009

1010

1022

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1425

1426

1428

1430

1432

ACER GINNALA

ACER GINNALA

ACER GINNALA

ACER GINNALA

ACER NEGUNDO

TILIA AMERICANA

AMUR MAPLE

AMUR MAPLE

AMUR MAPLE

AMUR MAPLE

BASSWOOD

BOXELDER MAPLE

16.0

16.0

17.0

11.0

14.0

Р

F

F

F

G

1.6

1.6

1.1

1.4

S NONE

S NONE

S NONE

S NONE

1.8 | S | NONE

1.7 S NONE

P ALMOST COMPLETELY DEAD, BUCKTHORN HEAVY AREA

Ρ

Ρ

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S NONE

S NONE

S NONE

S NONE

S NONE

1.2 | S | NONE

8.0 S NONE

P 2 DEAD STEMS WITH EVIDENCE OR FORAGING BY BIRDS

P PLEATED WOODPECKER FORAGING ON BOTH TREES

BUCKTHORN THICKET APPROX 5 STEMS

Ρ

1479

1480

1481

1483

1484 1485 ACER GINNALA

ACER GINNALA

PICEA GLAUCA

QUERCUS ALBA

PICEA GLAUCA

ACER GINNALA

RHAMNUS CATHARTICA

AMUR MAPLE

AMUR MAPLE

BUCKTHORN

WHITE OAK

WHITE SPRUCE

WHITE SPRUCE

AMUR MAPLE

21.0

20.0

13.0

30.0

14.0

Ρ

Р

G

F

Р

80.0 ✓ G

2.1

2.0

1.3

3.0

1.4

TREE CONDITION: OWNERSHIP: **RECOMMENDATION:** GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) M - Municipal Tree FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Injury Tree Removal **BOTANICAL NAME COMMENTS** TREE NO. OR GRP **COMMON NAME** DISTINCTIVE RECOMMENDATION Ξ CONDITION **ROOT ZONE** OF SYRINGA RETICULATA 'IVORY SILK' 0.9 1489 JAPANESE TREE LILAC 9.0 G S NONE 1490 **QUERCUS RUBRA RED MAPLE** 11.0 1.1 S NONE Ρ S NONE 1491 QUERCUS RUBRA RED MAPLE 3.0 0.3 F 1492 **QUERCUS RUBRA** RED MAPLE 5.0 0.5 S NONE 5.0 G 1493 QUERCUS RUBRA **RED MAPLE** 0.5 S NONE 1496 PICEA GLAUCA WHITE SPRUCE 35.0 G 3.5 S NONE F 1498 PRUNUS SEROTINA **BLACK CHERRY** 12.0 1.2 S NONE 45.0 G 1999 **PINUS NIGRA AUSTRIAN PINE** 4.5 S NONE P INACCESSIBLE DBH AND LOCATION ESTIMATED NORWAY MAPLE F 2000 ACER PLATANOIDES 15.0 1.5 S NONE 2001 PINUS NIGRA **AUSTRIAN PINE** 24.0 F 2.4 S NONE P INACCESSIBLE DBH AND LOCATION ESTIMATED **PINUS NIGRA** 40.0 G S NONE INACCESSIBLE DBH AND LOCATION ESTIMATED 2003 **AUSTRIAN PINE** 4.0 2004 PINUS NIGRA **AUSTRIAN PINE** 40.0 G 4.0 S NONE INACCESSIBLE DBH AND LOCATION ESTIMATED G 2005 **PINUS NIGRA** AUSTRIAN PINE 40.0 4.0 S NONE INACCESSIBLE DBH AND LOCATION ESTIMATED 2006 **PINUS NIGRA AUSTRIAN PINE** 40.0 G 4.0 S NONE INACCESSIBLE DBH AND LOCATION ESTIMATED G1 1 **ACER NEGUNDO** G S NONE **BOXELDER MAPLE** 33.5 3.4 BOXELDER MAPLE ACER NEGUNDO 45.0 G 4.5 S NONE F A NONE P EMBEDDED IN FENCE, BOUNDARY TREE ACER NEGUNDO **BOXELDER MAPLE** 14.5 1.5 ACER NEGUNDO **BOXELDER MAPLE** 35.5 F 3.6 B NONE P MINOR TRUNK CAVITIES RHAMNUS CATHARTICA 22.5 G A NONE RETAINING WALL G2 1 BUCKTHORN 2.3 G 13.0 RHAMNUS CATHARTICA **BUCKTHORN** 1.3 A NONE G G3 1 **BUCKTHORN** 12.0 S NONE RHAMNUS CATHARTICA 1.2 RHAMNUS CATHARTICA **BUCKTHORN** 13.5 F 1.4 S NONE P 1 LEADER DEAD/ALMOST DEAD G RHAMNUS CATHARTICA BUCKTHORN 33.9 3.4 B NONE G 21.5 2.2 S NONE G4 1 RHAMNUS CATHARTICA **BUCKTHORN** G RHAMNUS CATHARTICA **BUCKTHORN** 14.5 1.5 S NONE P MODERATE LEAN G G5 1 RHAMNUS CATHARTICA **BUCKTHORN** 15.0 1.5 S NONE F RHAMNUS CATHARTICA **BUCKTHORN** 15.9 1.6 S NONE 18.5 S NONE G6 1 ACER NEGUNDO **BOXELDER MAPLE** 1.9 P SIGN PHOTOTROPHIC LEAN TOWARDS PARKING ACER NEGUNDO BOXELDER MAPLE 19.5 F 2.0 S NONE P SIGN LEAN G G7 1 **ACER SACCHARUM** SUGAR MAPLE 12.0 1.2 S NONE Ρ ACER SACCHARUM SUGAR MAPLE 11.0 G 1.1 S NONE F S NONE P SIGN LEADER DAMAGE, BARK PEELING G8 1 RHAMNUS CATHARTICA **BUCKTHORN** 10.5 1.1 G RHAMNUS CATHARTICA **BUCKTHORN** 10.0 1.0 S NONE RHAMNUS CATHARTICA **BUCKTHORN** 21.0 2.1 S NONE TRUNK DAMAGE, POSSIBLE DISEASE, PEELING BARK RHAMNUS CATHARTICA **BUCKTHORN** 11.0 1.1 S NONE RHAMNUS CATHARTICA **BUCKTHORN** 19.7 F 2.0 S NONE P FUNGUS RHAMNUS CATHARTICA **BUCKTHORN** 28.8 2.9 S NONE RHAMNUS CATHARTICA BUCKTHORN 23.0 2.3 S NONE

RHAMNUS CATHARTICA

ACER NEGUNDO

ACER NEGUNDO

PICEA PUNGENS

PICEA PUNGENS

PICEA PUNGENS

G9 1

G10 1

BUCKTHORN

BOXELDER MAPLE

BOXELDER MAPLE

COLORADO BLUE SPRUCE

COLORADO BLUE SPRUCE

COLORADO BLUE SPRUCE

19.8

26.5

22.5

14.0

22.5

G

G

G

G

2.0

2.7

1.4

2.3

S NONE

S NONE

S NONE

S NONE

S NONE

2.3 S NONE

P | SIGN LEAN TOWARDS PARKING, EPICORMIC SHOOTS

ISIGN LEAN, EPICORMIC SHOOTS

Ρ

P SLIGHT BEND

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) A - Adjacent Tree POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury DISTINCTIVE COMMENTS TREE NO. OR GRP **BOTANICAL NAME COMMON NAME** DEVELOPMENT RECOMMENDATION ROOT ZONE (m) CONDITION OF. CRITICAL PICEA PUNGENS COLORADO BLUE SPRUCE 1.1 10.5 G S NONE PICEA PUNGENS COLORADO BLUE SPRUCE 10.5 G 1.1 S NONE G S NONE G11 1 ACER SACCHARINUM SILVER MAPLE 10.5 1.1 G 1.0 **ACER SACCHARINUM** SILVER MAPLE 10.0 S NONE ACER SACCHARINUM 13.5 G SILVER MAPLE 1.4 S NONE P SLIGHT BEND AND LEAN BOXELDER MAPLE P SEVERE BEND AT 2m, SIGN TRUNKL CAVITY, DAMAGED LIMBS G12 1 ACER NEGUNDO 11.0 F 1.1 S NONE G **BOXELDER MAPLE** ACER NEGUNDO 43.7 4.4 S NONE 10.0 P SLIGHT LEAN RHAMNUS CATHARTICA **BUCKTHORN** 1.0 S NONE G13 1 G RHAMNUS CATHARTICA **BUCKTHORN** 14.0 1.4 S NONE Ρ RHAMNUS CATHARTICA BUCKTHORN 15.0 F 1.5 S NONE Ρ F **BUCKTHORN** 12.0 1.2 S NONE RHAMNUS CATHARTICA Р RHAMNUS CATHARTICA **BUCKTHORN** 11.0 F S NONE 1.1 F RHAMNUS CATHARTICA **BUCKTHORN** 16.5 1.7 S NONE Ρ RHAMNUS CATHARTICA **BUCKTHORN** 19.0 F 1.8 S NONE **BUCKTHORN** G 1.5 S NONE RHAMNUS CATHARTICA 15.0 23.5 D S NONE G14 1 (DEAD) D 15.0 S NONE (DEAD) P LEANING ON 317 ACER SACCHARUM SUGAR MAPLE 11.0 F 1.1 S NONE G15 1 ACER SACCHARUM SUGAR MAPLE 13.0 G S NONE 1.3 Ρ F 11.5 1.2 ACER SACCHARUM SUGAR MAPLE S NONE F ACER SACCHARUM 11.0 S NONE Ρ SUGAR MAPLE 1.1 ACER SACCHARUM SUGAR MAPLE 10.5 F 1.1 S NONE F ACER SACCHARUM SUGAR MAPLE 13.0 1.3 S NONE Ρ G ACER SACCHARUM 14.5 S NONE SUGAR MAPLE 1.5 Ρ F ACER NEGUNDO **BOXELDER MAPLE** 35.0 3.5 S NONE G16 1 ACER NEGUNDO BOXELDER MAPLE 22.0 F 2.2 S NONE Ρ D 17.0 G17 1 (DEAD) S NONE Р 16.5 D S NONE (DEAD) ACER NEGUNDO BOXELDER MAPLE 25.5 F 2.6 S NONE G18 1 **BOXELDER MAPLE** 17.0 Р ACER NEGUNDO 1.7 S NONE Ρ ACER NEGUNDO **BOXELDER MAPLE** 35.0 3.5 S NONE BALSAM POPLAR 41.3 F 4.2 S NONE G19 1 POPULUS BALSAMIFERA Ρ 24.5 F POPULUS BALSAMIFERA **BALSAM POPLAR** 2.5 S NONE S NONE POPULUS BALSAMIFERA **BALSAM POPLAR** 25.5 2.6 P | SEVERE BEND AT TOP FRAXINUS AMERICANA WHITE ASH 11.5 F G20 1 1.2 S NONE F FRAXINUS AMERICANA WHITE ASH 11.0 1.1 S NONE Ρ G ACER SACCHARUM SUGAR MAPLE 10.0 1.0 S NONE Ρ G21 1 ACER SACCHARUM SUGAR MAPLE 16.5 G 1.7 S NONE

SUGAR MAPLE

SUGAR MAPLE

SUGAR MAPLE

SUGAR MAPLE

SUGAR MAPLE

SUGAR MAPLE

12.0

14.0

15.0

14.5

11.0

G

G

F

F

1.2

1.4

1.5

1.1

S NONE

S NONE

Ρ

Ρ

S NONE

S NONE

S NONE

1.5 S NONE

ACER SACCHARUM

ACER SACCHARUM

ACER SACCHARUM

ACER SACCHARUM

ACER SACCHARUM

ACER SACCHARUM

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury DISTINCTIVE COMMENTS TREE NO. OR GRP **BOTANICAL NAME COMMON NAME** DEVELOPMENT RECOMMENDATION CONDITION ROOT ZONE (m OF. CRITICAL G22 1 RHAMNUS CATHARTICA **BUCKTHORN** 3.4 34.4 G S NONE RHAMNUS CATHARTICA **BUCKTHORN** 23.2 G 2.3 S NONE Ρ F 18.0 A NONE RHAMNUS CATHARTICA **BUCKTHORN** 1.8 Ρ F RHAMNUS CATHARTICA **BUCKTHORN** 14.0 1.4 S NONE Ρ **BUCKTHORN** 14.0 RHAMNUS CATHARTICA 1.4 S NONE RHAMNUS CATHARTICA BUCKTHORN 11.0 F 1.1 S NONE F RHAMNUS CATHARTICA **BUCKTHORN** 13.0 1.3 S NONE Ρ **BUCKTHORN** 17.7 RHAMNUS CATHARTICA 1.8 S NONE Ρ F RHAMNUS CATHARTICA **BUCKTHORN** 13.5 1.4 S NONE Ρ RHAMNUS CATHARTICA BUCKTHORN 17.5 F 1.8 S NONE Ρ F RHAMNUS CATHARTICA **BUCKTHORN** 10.0 S NONE Ρ 1.0 ACER SACCHARUM SUGAR MAPLE 11.5 G 1.2 S NONE G23 1 G ACER SACCHARUM SUGAR MAPLE 19.0 1.9 S NONE Ρ **ACER SACCHARUM** SUGAR MAPLE 14.5 G 1.5 S NONE Ρ ACER SACCHARUM G S NONE SUGAR MAPLE 11.5 1.2 Ρ ACER SACCHARUM SUGAR MAPLE 11.0 G 1.1 S NONE Ρ G S NONE 10.5 ACER SACCHARUM SUGAR MAPLE 1.1 Ρ ACER SACCHARUM SUGAR MAPLE 11.5 G 1.2 S NONE ACER SACCHARUM SUGAR MAPLE 13.5 G S NONE 1.4 Ρ G 18.5 ACER SACCHARUM SUGAR MAPLE 1.9 S NONE Ρ G 12.0 1.2 S NONE Ρ ACER SACCHARUM SUGAR MAPLE **ACER SACCHARUM** SUGAR MAPLE 10.5 G 1.1 S NONE G ACER SACCHARUM SUGAR MAPLE 15.5 1.6 S NONE Ρ F 12.5 S NONE ACER SACCHARUM SUGAR MAPLE 1.3 FRAXINUS AMERICANA WHITE ASH 10.0 1.0 S NONE G24 1 FRAXINUS AMERICANA WHITE ASH 11.0 F 1.1 S NONE P BARK BEGGING TO PEEL 17.0 D (DEAD) S NONE P SLIGHT LEAN 21.5 F 2.2 S NONE G25 1 ACER NEGUNDO BOXELDER MAPLE ACER NEGUNDO BOXELDER MAPLE 14.5 F 1.5 S NONE P SLIGHT LEAN **BOXELDER MAPLE** 10.0 F 1.0 S NONE ACER NEGUNDO P SLIGHT LEAN ACER NEGUNDO **BOXELDER MAPLE** 18.5 1.9 S NONE G26 1 19.0 F S NONE ACER NEGUNDO BOXELDER MAPLE 1.9 Ρ RHAMNUS CATHARTICA F 1.6 **BUCKTHORN** 15.6 S NONE Ρ S NONE RHAMNUS CATHARTICA **BUCKTHORN** 23.6 Ρ 2.4 Ρ RHAMNUS CATHARTICA **BUCKTHORN** F 16.0 1.6 S NONE RHAMNUS CATHARTICA F **BUCKTHORN** 27.6 2.8 S NONE **BUCKTHORN** G RHAMNUS CATHARTICA 10.0 1.0 S NONE P SLIGHT LEAN RHAMNUS CATHARTICA BUCKTHORN 18.7 F 1.9 S NONE RHAMNUS CATHARTICA BUCKTHORN 10.0 F 1.0 S NONE P MODERATE LEAN

RHAMNUS CATHARTICA

RHAMNUS CATHARTICA

RHAMNUS CATHARTICA

RHAMNUS CATHARTICA

(DEAD)

10

BUCKTHORN

BUCKTHORN

BUCKTHORN

BUCKTHORN

30.9

21.0

10.5

12.0

3.1

1.1

1.2

D

F

F

S NONE

S NONE

S NONE

S NONE

S NONE

Ρ

Ρ

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RHAMNUS CATHARTICA

RHAMNUS CATHARTICA

RHAMNUS CATHARTICA

RHAMNUS CATHARTICA

ACER NEGUNDO

ACER NEGUNDO

G36 1

BUCKTHORN

BUCKTHORN

BUCKTHORN

BUCKTHORN

BOXELDER MAPLE

BOXELDER MAPLE

12.0

18.0

24.1

15.5

16.0

F

F

Ρ

F

1.2

1.8

1.6

1.6

S NONE

S NONE

| S |NONE

S NONE

S NONE

2.4 S NONE

P SIGN BEND IN CENTRAL LEADER

P | SIGN LEAN

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Ρ

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) M - Municipal Tree FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury DISTINCTIVE COMMON NAME COMMENTS TREE NO. OR GRP **BOTANICAL NAME** DEVELOPMENT RECOMMENDATION CONDITION ROOT ZONE (m OF. CRITICAL RHAMNUS CATHARTICA **BUCKTHORN** 2.1 21.3 F A NONE RHAMNUS CATHARTICA **BUCKTHORN** 13.0 1.3 S NONE G37 13.0 F 1.3 S NONE ACER SACCHARUM SUGAR MAPLE Ρ F 1.5 ACER SACCHARUM SUGAR MAPLE 14.5 S NONE Ρ 17.5 RHAMNUS CATHARTICA **BUCKTHORN** 1.8 S NONE G40 1 S NONE RHAMNUS CATHARTICA BUCKTHORN 18.4 F 1.8 RHAMNUS CATHARTICA F 1.0 **BUCKTHORN** 10.0 S NONE Ρ SUGAR MAPLE 23.0 G S NONE ACER SACCHARUM 2.3 Ρ G41 1 ✓ G ACER SACCHARUM SUGAR MAPLE 51.0 5.1 A NONE Ρ ACER SACCHARUM SUGAR MAPLE 38.5 F 3.9 S NONE Ρ SUGAR MAPLE 48.5 ACER SACCHARUM G 4.9 S NONE Ρ ACER SACCHARUM SUGAR MAPLE 32.0 F 3.2 S NONE G ACER SACCHARUM SUGAR MAPLE 47.0 4.7 S NONE Ρ G42 1 FRAXINUS AMERICANA WHITE ASH 31.5 F 3.2 S NONE Ρ D S NONE (DEAD) 19.0 Ρ F ACER SACCHARUM SUGAR MAPLE 31.0 3.1 S NONE Ρ G43 1 G S NONE ACER SACCHARUM 35.0 3.5 SUGAR MAPLE Ρ ACER SACCHARUM SUGAR MAPLE 19.0 G 1.9 S NONE ACER SACCHARUM SUGAR MAPLE 27.0 G 2.7 S NONE G ACER SACCHARUM 19.5 2.0 SUGAR MAPLE S NONE P SLIGHT LEAN Р ACER SACCHARUM SUGAR MAPLE 25.5 2.3 S NONE P SIGN OF DEADWOOD IN CENTRAL LEADER ACER SACCHARUM SUGAR MAPLE 44.0 F 4.4 S NONE P DEAD MAJOR LEADER, MIN BRANCH DAMAGE 42.2 F G44 1 ACER NEGUNDO **BOXELDER MAPLE** 4.2 S NONE P MOD TO SIGN LEAN; FUNGI EVIDENT G ACER NEGUNDO **BOXELDER MAPLE** 26.0 2.6 S NONE P SLIGHT LEAN ACER NEGUNDO **BOXELDER MAPLE** 71.3 7.1 S NONE G45 1 RHAMNUS CATHARTICA **BUCKTHORN** 22.1 Р 2.2 S NONE Ρ F RHAMNUS CATHARTICA **BUCKTHORN** 10.5 1.1 S NONE Р RHAMNUS CATHARTICA **BUCKTHORN** 16.1 F 1.6 S NONE RHAMNUS CATHARTICA **BUCKTHORN** 20.8 F 2.1 S NONE EASTERN RED CEDAR 17.0 F S NONE G46 1 JUNIPERUS VIRGINIANA 1.7 Ρ JUNIPERUS VIRGINIANA EASTERN RED CEDAR 34.8 G 3.5 S NONE JUNIPERUS VIRGINIANA EASTERN RED CEDAR 20.5 G S NONE 2.1 Ρ 20.5 F JUNIPERUS VIRGINIANA EASTERN RED CEDAR 2.1 S NONE Ρ G47 1 ACER SACCHARUM SUGAR MAPLE 39.0 G 3.9 S NONE Ρ ACER SACCHARUM SUGAR MAPLE 14.5 G 1.5 S NONE Р ACER SACCHARUM SUGAR MAPLE 24.0 2.4 S NONE Ρ POPULUS BALSAMIFERA **BALSAM POPLAR** 23.3 2.4 S NONE Ρ G48 1 POPULUS BALSAMIFERA BALSAM POPLAR 14.0 Р 1.4 S NONE

POPULUS BALSAMIFERA

POPULUS BALSAMIFERA

RHAMNUS CATHARTICA

RHAMNUS CATHARTICA

CARYA OVATA

CARYA OVATA

G50 1

BALSAM POPLAR

BALSAM POPLAR

SHAGBARK HICKORY

SHAGBARK HICKORY

BUCKTHORN

BUCKTHORN

50.2

30.0

24.5

29.0

18.5

✓ | F

G

G

Ρ

5.0

3.0

2.9

1.9

S NONE

S NONE

S NONE

S NONE

S NONE

Р

Ρ

2.5 S NONE

TREE CONDITION: OWNERSHIP: **RECOMMENDATION:** GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Injury Tree Removal DISTINCTIVE TREE NO. OR GRP **BOTANICAL NAME COMMENTS COMMON NAME** DEVELOPMENT ROOT ZONE (m) RECOMMENDATION CONDITION CRITICAL OF. 2.3 CARYA OVATA SHAGBARK HICKORY 23.0 Р S NONE G51 1 POPULUS BALSAMIFERA **BALSAM POPLAR** 49.5 G 5.0 S NONE F BALSAM POPLAR 26.0 S NONE POPULUS BALSAMIFERA 2.6 Ρ G G52 1 PINUS SYLVESTRIS SCOTS PINE 22.5 2.3 A NONE Ρ 29.0 G A NONE PINUS SYLVESTRIS SCOTS PINE 2.9 A NONE PINUS SYLVESTRIS SCOTS PINE 22.0 Р 2.2 D (DEAD) 27.0 A NONE Ρ ACER NEGUNDO 27.2 **BOXELDER MAPLE** 2.7 A NONE Ρ G53 1 F ACER NEGUNDO BOXELDER MAPLE 20.2 2.0 A NONE Ρ ACER NEGUNDO **BOXELDER MAPLE** 18.0 F 1.8 A NONE Ρ 12.0 RHAMNUS CATHARTICA Ρ A NONE G54 1 **BUCKTHORN** 1.2 Р RHAMNUS CATHARTICA **BUCKTHORN** 12.0 F 1.2 A NONE RHAMNUS CATHARTICA **BUCKTHORN** 11.0 F 1.1 A NONE Ρ RHAMNUS CATHARTICA **BUCKTHORN** 18.0 1.8 A NONE POPULUS BALSAMIFERA 26.3 Ρ A NONE P CENTRAL LEADER DEAD/BROKEN G55 1 **BALSAM POPLAR** 2.6 BALSAM POPLAR POPULUS BALSAMIFERA 26.0 F 2.6 A NONE **BALSAM POPLAR** 25.0 Р 2.5 A NONE P CENTRAL LEADER ALMOST DEAD/ALMOST BROKEN POPULUS BALSAMIFERA RHAMNUS CATHARTICA **BUCKTHORN** 19.1 Р 1.9 A NONE G56 1 RHAMNUS CATHARTICA **BUCKTHORN** 12.0 F A NONE 1.2 Ρ RHAMNUS CATHARTICA **BUCKTHORN** 17.0 F 1.7 A NONE Ρ F **BUCKTHORN** 15.0 1.5 A NONE RHAMNUS CATHARTICA Ρ G57 PINUS SYLVESTRIS SCOTS PINE 25.5 Р 2.6 A NONE D (DEAD) 27.5 A NONE Ρ F 27.0 A NONE PINUS SYLVESTRIS **SCOTS PINE** 2.7 Ρ PINUS SYLVESTRIS **SCOTS PINE** 19.5 2.0 A NONE G PINUS SYLVESTRIS SCOTS PINE 43.5 4.4 A NONE Ρ G PINUS SYLVESTRIS **SCOTS PINE** 32.0 3.2 A NONE Р SCOTS PINE 29.0 F 2.9 A NONE PINUS SYLVESTRIS PINUS SYLVESTRIS SCOTS PINE 29.0 F 2.9 A NONE **SCOTS PINE** F 2.8 A NONE PINUS SYLVESTRIS 27.5 Ρ SCOTS PINE 38.0 G 3.8 A NONE PINUS SYLVESTRIS 46.5 F S NONE G58 1 FRAXINUS AMERICANA WHITE ASH 4.7 Ρ FRAXINUS AMERICANA 54.5 ✓ G WHITE ASH 5.5 S NONE Ρ S NONE FRAXINUS AMERICANA WHITE ASH 36.0 3.6 WHITE ASH FRAXINUS AMERICANA 35.5 F 3.6 S NONE F P MODERATE BEND AT TOP OF LEADER G59 1 **QUERCUS RUBRA** RED OAK 28.5 2.9 S NONE **QUERCUS RUBRA** RED OAK 26.5 2.7 S NONE MODERATE BEND AT TOP OF CANOPY QUERCUS RUBRA RED OAK 24.5 F 2.5 S NONE P MODERATE BEND AT TOP OF CANOPY

G60 1

PINUS STROBUS

PINUS STROBUS

PINUS STROBUS

PINUS STROBUS

PINUS STROBUS

PINUS STROBUS

EASTERN WHITE PINE

EASTERN WHITE PINE

EASTERN WHITE PINE

EASTERN WHITE PINE

EASTERN WHITE PINE

EASTERN WHITE PINE

36.0

34.5

33.0

39.0

33.5

G

G

G

G

G

3.6

3.5

3.9

3.4

S NONE

S NONE

Ρ

Ρ

S NONE

S NONE

S NONE

3.3 S NONE

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: S - Private Tree on the Subject Property GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak Transplant (T) A - Adjacent Tree compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury DISTINCTIVE COMMENTS TREE NO. OR GRP **BOTANICAL NAME COMMON NAME** DEVELOPMENT RECOMMENDATION CONDITION ROOT ZONE (m OF. CRITICAL **PINUS STROBUS** 4.0 EASTERN WHITE PINE 39.5 G S NONE PINUS STROBUS EASTERN WHITE PINE 25.0 F 2.5 S NONE Ρ 26.5 G 2.7 S NONE PINUS STROBUS EASTERN WHITE PINE Ρ 34.0 F 3.4 PINUS STROBUS EASTERN WHITE PINE S NONE Ρ **EASTERN WHITE PINE** 42.5 G S NONE PINUS STROBUS 4.3 S NONE FRAXINUS AMERICANA WHITE ASH 33.7 F 3.4 G61 1 F 1.7 FRAXINUS AMERICANA WHITE ASH 17.0 S NONE Ρ 14.0 D (DEAD) S NONE Ρ D (DEAD) 12.0 S NONE Ρ FRAXINUS AMERICANA WHITE ASH 26.5 F 2.7 S NONE Ρ F RHAMNUS CATHARTICA **BUCKTHORN** S NONE Ρ G62 1 10.0 1.0 RHAMNUS CATHARTICA **BUCKTHORN** 10.5 F S NONE 1.1 F RHAMNUS CATHARTICA **BUCKTHORN** 10.0 1.0 S NONE Ρ RHAMNUS CATHARTICA BUCKTHORN 10.0 F 1.0 S NONE Ρ **BUCKTHORN** F S NONE RHAMNUS CATHARTICA 10.0 1.0 Ρ RHAMNUS CATHARTICA **BUCKTHORN** 10.0 F 1.0 S NONE Ρ F RHAMNUS CATHARTICA **BUCKTHORN** 12.5 1.3 S NONE Ρ RHAMNUS CATHARTICA **BUCKTHORN** 11.5 F 1.2 S NONE PINUS SYLVESTRIS SCOTS PINE 17.0 F S NONE P CANOPY CONFINED TO TOP 20% WITH MOD BEND AT TOP G63 1 1.7 G SCOTS PINE 24.0 2.4 PINUS SYLVESTRIS S NONE F SCOTS PINE 24.0 2.4 S NONE P BROWNING NEEDLES PINUS SYLVESTRIS PINUS SYLVESTRIS SCOTS PINE 36.0 F 3.6 S NONE Р G64 1 PINUS STROBUS EASTERN WHITE PINE 37.0 3.7 S NONE P | SIGN OF BROWNING; GREEN NEEDLES < 10% Р **PINUS STROBUS** EASTERN WHITE PINE 36.5 S NONE 3.7 P 50% BROWNING 37.5 G PINUS STROBUS EASTERN WHITE PINE 3.8 S NONE P MINOR BROWNING PINUS STROBUS EASTERN WHITE PINE 33.5 Р 3.4 S NONE P 100% BROWNING, ALMOST DEAD G **PINUS STROBUS** EASTERN WHITE PINE 30.0 3.0 S NONE TILIA AMERICANA BASSWOOD 28.0 F 2.8 S NONE G65 1 TILIA AMERICANA BASSWOOD 32.5 F 3.3 S NONE Ρ 15.0 F S NONE G66 1 RHAMNUS CATHARTICA **BUCKTHORN** 1.5 Ρ RHAMNUS CATHARTICA **BUCKTHORN** 19.7 2.0 S NONE **BUCKTHORN** 14.0 F S NONE RHAMNUS CATHARTICA 1.4 Ρ 19.1 F 1.9 RHAMNUS CATHARTICA **BUCKTHORN** S NONE Ρ RHAMNUS CATHARTICA **BUCKTHORN** 20.0 G 2.0 S NONE Ρ S NONE D (DEAD) 17.0 26.5 D G67 1 (DEAD) S NONE Ρ 56.5 ✓ P JUGLANS NIGRA 5.7 S NONE Ρ EASTERN BLACK WALNUT JUGLANS NIGRA EASTERN BLACK WALNUT 34.1 G 3.4 S NONE RHAMNUS CATHARTICA BUCKTHORN G68 1 15.0 F 1.5 S NONE

RHAMNUS CATHARTICA

RHAMNUS CATHARTICA

RHAMNUS CATHARTICA

PINUS SYLVESTRIS

PINUS SYLVESTRIS

G69 1

BUCKTHORN

BUCKTHORN

BUCKTHORN

SCOTS PINE

SCOTS PINE

15.0

22.0

26.5

22.0

1.5

2.7

2.2

F

F

Ρ

S NONE

Р

Ρ

1.5 S NONE 2.2 S NONE

S NONE

S NONE

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury DISTINCTIVE COMMON NAME TREE NO. OR GRP **COMMENTS BOTANICAL NAME** DEVELOPMENT RECOMMENDATION ROOT ZONE (m) CONDITION OF CRITICAL PINUS SYLVESTRIS SCOTS PINE 3.0 30.0 Р S NONE D (DEAD) 39.0 S NONE Ρ 31.0 G S NONE PINUS SYLVESTRIS SCOTS PINE 3.1 Ρ BUCKTHORN 15.0 F 1.5 RHAMNUS CATHARTICA S NONE Ρ RHAMNUS CATHARTICA BUCKTHORN 11.0 F S NONE 1.1 S NONE RHAMNUS CATHARTICA **BUCKTHORN** 12.5 G 1.3 G 1.1 RHAMNUS CATHARTICA BUCKTHORN 11.0 S NONE Ρ RHAMNUS CATHARTICA **BUCKTHORN** 15.0 S NONE G71 1 1.5 Ρ G RHAMNUS CATHARTICA BUCKTHORN 15.0 1.5 S NONE Ρ RHAMNUS CATHARTICA BUCKTHORN 15.0 F 1.5 S NONE Ρ F **BUCKTHORN** 15.0 1.5 S NONE Ρ RHAMNUS CATHARTICA RHAMNUS CATHARTICA **BUCKTHORN** 15.0 F 1.5 S NONE F RHAMNUS CATHARTICA BUCKTHORN 15.0 1.5 S NONE Ρ FRAXINUS AMERICANA WHITE OAK 37.0 D S NONE Ρ WHITE OAK 28.0 G S NONE FRAXINUS AMERICANA 2.8 Ρ FRAXINUS AMERICANA WHITE OAK 12.0 D S NONE Ρ Р FRAXINUS AMERICANA WHITE OAK 16.6 1.7 S NONE Ρ G74 1 ACER SACCHARUM SUGAR MAPLE 25.0 F 2.5 S NONE ACER SACCHARUM SUGAR MAPLE 33.0 G 3.3 S NONE Ρ G PINUS SYLVESTRIS SCOTS PINE 31.5 3.2 G75 1 A NONE Ρ G PINUS SYLVESTRIS SCOTS PINE 33.0 3.3 A NONE Ρ PINUS SYLVESTRIS SCOTS PINE 31.0 G 3.1 A NONE 36.5 F PINUS SYLVESTRIS SCOTS PINE 3.7 A NONE Ρ Р SCOTS PINE 24.0 2.4 A NONE PINUS SYLVESTRIS Ρ 32.5 G PINUS SYLVESTRIS SCOTS PINE 3.3 A NONE G PINUS SYLVESTRIS SCOTS PINE 38.5 3.9 A NONE Ρ F PINUS SYLVESTRIS SCOTS PINE 35.0 3.5 A NONE Р PINUS SYLVESTRIS SCOTS PINE 30.5 F 3.1 A NONE Ρ PINUS SYLVESTRIS SCOTS PINE 36.5 G 3.7 A NONE SCOTS PINE 43.0 G 4.3 A NONE PINUS SYLVESTRIS Ρ PINUS SYLVESTRIS SCOTS PINE 37.0 G 3.7 A NONE Ρ PINUS SYLVESTRIS SCOTS PINE 32.5 G A NONE 3.3 Ρ G PINUS SYLVESTRIS SCOTS PINE 46.5 4.7 A NONE Ρ (DEAD) 29.0 D A NONE Ρ SCOTS PINE F A NONE PINUS SYLVESTRIS 28.0 2.8 PINUS SYLVESTRIS G SCOTS PINE 32.0 3.2 A NONE Ρ 46.0 G PINUS SYLVESTRIS SCOTS PINE 4.6 A NONE Ρ PINUS SYLVESTRIS SCOTS PINE 46.0 F 4.6 A NONE PINUS SYLVESTRIS SCOTS PINE 35.0 F 3.5 A NONE Ρ

G

G

F

Ρ

3.3

2.2

2.3

A NONE

A NONE

A NONE

Р

Ρ

2.8 | A | NONE

4.6 A NONE

33.0

46.0

22.0

23.0

PINUS SYLVESTRIS

PINUS SYLVESTRIS

PINUS SYLVESTRIS

PINUS SYLVESTRIS
PINUS SYLVESTRIS

23

24

SCOTS PINE

SCOTS PINE

SCOTS PINE

SCOTS PINE

SCOTS PINE

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury DISTINCTIVE COMMON NAME **COMMENTS** TREE NO. OR GRP **BOTANICAL NAME** ROOT ZONE (m) DEVELOPMENT RECOMMENDATION CONDITION CRITICAL MPACTS OF PINUS SYLVESTRIS **SCOTS PINE** 3.1 30.5 F A NONE PINUS SYLVESTRIS SCOTS PINE 32.5 G 3.3 A NONE Ρ PINUS SYLVESTRIS SCOTS PINE 41.5 G 4.2 A NONE Ρ SCOTS PINE 67.0 ✓ G 6.7 A NONE PINUS SYLVESTRIS Ρ SCOTS PINE 35.5 A NONE PINUS SYLVESTRIS 3.6 PINUS SYLVESTRIS SCOTS PINE 32.0 Ρ 3.2 A NONE G PINUS SYLVESTRIS SCOTS PINE 41.0 4.1 A NONE Ρ PICEA GLAUCA WHITE SPRUCE 29.9 Р A NONE G77 1 3.0 Ρ WHITE SPRUCE ✓ G PICEA GLAUCA 58.5 5.9 A NONE Ρ PICEA GLAUCA WHITE SPRUCE 15.0 Р 1.5 A NONE Ρ F WHITE SPRUCE 29.0 2.9 A NONE Ρ PICEA GLAUCA PICEA GLAUCA WHITE SPRUCE 22.5 Ρ 2.3 A NONE PICEA GLAUCA G WHITE SPRUCE 43.5 4.4 A NONE Ρ PICEA GLAUCA WHITE SPRUCE 23.2 F 2.4 A NONE Ρ WHITE SPRUCE Р 1.6 A NONE PICEA GLAUCA 16.0 Ρ G PICEA GLAUCA WHITE SPRUCE 23.3 2.4 A NONE Ρ Р PICEA GLAUCA WHITE SPRUCE 17.5 1.8 A NONE Ρ PICEA GLAUCA WHITE SPRUCE 11.5 F 1.2 A NONE ACER SACCHARUM SCOTS PINE 44.5 F 4.5 A NONE Ρ G A NONE ACER SACCHARUM SCOTS PINE 32.5 3.3 Ρ G ACER SACCHARUM SCOTS PINE 40.0 4.0 A NONE Ρ **ACER SACCHARUM SCOTS PINE** 43.5 Р 4.4 A NONE G ACER SACCHARUM SCOTS PINE 42.0 4.2 A NONE Ρ G ACER SACCHARUM **SCOTS PINE** 42.5 4.3 A NONE Ρ 49.5 G G79 1 ACER SACCHARUM SUGAR MAPLE 5.0 A NONE ✓ G ACER SACCHARUM SUGAR MAPLE 57.0 5.7 A NONE Ρ 49.5 G G80 1 PINUS SYLVESTRIS SCOTS PINE 5.0 A NONE Р PINUS SYLVESTRIS SCOTS PINE 37.0 G 3.7 A NONE Ρ PICEA GLAUCA WHITE SPRUCE 21.5 F 2.2 A NONE G81 1 WHITE SPRUCE 38.0 G 3.8 A NONE PICEA GLAUCA Ρ (DEAD) 22.5 D A NONE WHITE SPRUCE 24.0 F 2.4 A NONE PICEA GLAUCA Ρ PICEA GLAUCA WHITE SPRUCE 18.0 Р 1.8 A NONE Ρ (DEAD) 15.5 D A NONE Р PINUS SYLVESTRIS SCOTS PINE 29.0 G A NONE G82 1 2.9 G 3.2 PINUS SYLVESTRIS SCOTS PINE 31.5 A NONE Ρ 42.0 A NONE

4.2

4.8

3.7

4.0

4.0

2.1

A NONE

A NONE

A NONE

A NONE

A NONE

2.9 | A | NONE

4.2 A NONE

F

F

G

F

F

47.5

37.0

39.5

42.0

39.9

21.0

Ρ

Р

Ρ

PINUS SYLVESTRIS

PICEA GLAUCA

G83 1

SCOTS PINE

SCOTS PINE

SCOTS PINE

SCOTS PINE

SCOTS PINE

SCOTS PINE

SCOTS PINE

WHITE SPRUCE

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury DISTINCTIVE COMMON NAME COMMENTS TREE NO. OR GRP **BOTANICAL NAME** DEVELOPMENT RECOMMENDATION ROOT ZONE (m) CONDITION CRITICAL MPACTS OF PICEA GLAUCA WHITE SPRUCE 2.9 28.5 F A NONE PICEA GLAUCA WHITE SPRUCE 23.5 2.4 A NONE Ρ F WHITE SPRUCE 24.0 2.4 A NONE PICEA GLAUCA Ρ 28.5 F 2.9 A NONE PICEA GLAUCA WHITE SPRUCE Ρ WHITE SPRUCE 25.0 2.5 A NONE PICEA GLAUCA PICEA GLAUCA WHITE SPRUCE 39.9 G 4.0 A NONE PICEA GLAUCA F 2.3 WHITE SPRUCE 23.0 A NONE Ρ WHITE SPRUCE 39.0 A NONE PICEA GLAUCA 3.9 Ρ WHITE SPRUCE 28.5 F PICEA GLAUCA 2.9 A NONE Ρ PICEA GLAUCA WHITE SPRUCE 50.0 ✓ F 5.0 A NONE Ρ WHITE SPRUCE 26.0 Ρ 2.6 A NONE Ρ G84 1 PICEA GLAUCA WHITE SPRUCE PICEA GLAUCA 32.0 G 3.2 A NONE D (DEAD) 16.0 A NONE Ρ PICEA GLAUCA WHITE SPRUCE 23.5 G 2.4 A NONE Ρ WHITE SPRUCE 23.0 F 2.3 A NONE PICEA GLAUCA Ρ PICEA GLAUCA WHITE SPRUCE 25.0 F 2.5 A NONE Ρ F WHITE SPRUCE 25.0 2.5 A NONE PICEA GLAUCA Ρ PICEA GLAUCA WHITE SPRUCE 24.0 F 2.4 A NONE PICEA GLAUCA WHITE SPRUCE 16.0 Р A NONE 1.6 Ρ F A NONE WHITE SPRUCE 17.5 1.8 PICEA GLAUCA Ρ Ρ PICEA GLAUCA WHITE SPRUCE 27.6 2.8 A NONE Ρ PICEA GLAUCA WHITE SPRUCE 23.8 2.4 A NONE 56.0 ✓ G 5.6 G85 1 **PINUS NIGRA AUSTRIAN PINE** A NONE Ρ 54.2 **AUSTRIAN PINE** ✓ G 5.4 A NONE **PINUS NIGRA** Ρ 53.5 ✓ G **PINUS NIGRA AUSTRIAN PINE** 5.4 A NONE ✓ G **PINUS NIGRA** AUSTRIAN PINE 50.0 5.0 A NONE Ρ 52.5 F **PINUS NIGRA AUSTRIAN PINE ✓** 5.3 A NONE Ρ MALUS SP APPLE TREE 39.0 Ρ 3.9 A NONE Ρ G86 1 (DEAD) 18.0 D A NONE 44.3 F A NONE MALUS SP APPLE TREE 4.4 Ρ **PINUS NIGRA AUSTRIAN PINE** 39.0 3.9 S NONE G87 1 **AUSTRIAN PINE** 36.5 F 3.7 S NONE PINUS NIGRA Ρ PINUS NIGRA **AUSTRIAN PINE** 46.0 F 4.6 S NONE Ρ PINUS NIGRA **AUSTRIAN PINE** 44.5 G 4.5 S NONE Ρ PINUS NIGRA **AUSTRIAN PINE** G 36.5 3.7 S NONE F PINUS NIGRA **AUSTRIAN PINE** 42.5 4.3 S NONE Ρ 46.5 G S NONE PINUS NIGRA **AUSTRIAN PINE** 4.7 Ρ PINUS NIGRA **AUSTRIAN PINE** 47.5 G 4.8 S NONE PINUS NIGRA **AUSTRIAN PINE** 51.0 ✓ G 5.1 S NONE **~** ACER SACCHARINUM SILVER MAPLE 62.5 G S IMPACTED RIGHT-OF-WAY REDEVELOPMENT R G88 1

35.5 | G | 3.6 | S | IMPACTED | RIGHT-OF-WAY REDEVELOPMENT

S NONE

5.5 S IMPACTED RIGHT-OF-WAY REDEVELOPMENT

S IMPACTED RIGHT-OF-WAY REDEVELOPMENT

R

ACER SACCHARINUM

ACER SACCHARINUM

ACER SACCHARINUM

ACER SACCHARINUM

SILVER MAPLE

SILVER MAPLE

SILVER MAPLE

SILVER MAPLE

55.0 ✓ G

62.5 ✓ G

G

4.6

6.3

46.0

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Injury Tree Removal COMMENTS TREE NO. OR GRP **BOTANICAL NAME COMMON NAME** DISTINCTIVE DEVELOPMENT ROOT ZONE (m) RECOMMENDATION CONDITION CRITICAL OF 7.4 ACER SACCHARINUM SILVER MAPLE 74.0 ✓ F S NONE ACER SACCHARINUM SILVER MAPLE 52.5 ✓ G 5.3 S NONE 20.0 G 2.0 A NONE G89 MALUS SP APPLE TREE P MODERATE LEAN 15.0 1.5 MALUS SP APPLE TREE G A NONE P SLIGHT LEAN EASTERN RED CEDAR G90 2 JUNIPERUS VIRGINIANA 15.0 1.5 S NONE JUNIPERUS VIRGINIANA EASTERN RED CEDAR 15.0 Ρ 1.5 S NONE 25.0 F 2.5 P CENTRAL LEADER BROKEN G91 a JUGLANS NIGRA EASTERN BLACK WALNUT A NONE JUGLANS NIGRA EASTERN BLACK WALNUT 55.0 ✓ G 5.5 A NONE JUGLANS NIGRA EASTERN BLACK WALNUT 30.0 F 3.0 A NONE RHAMNUS CATHARTICA BUCKTHORN 25.5 G 2.6 A NONE Ρ G92 a RHAMNUS CATHARTICA **BUCKTHORN** 19.2 F A NONE 1.9 Р FRAXINUS AMERICANA WHITE ASH 45.0 F 4.5 A NONE G93 1 FRAXINUS AMERICANA WHITE ASH 25.0 F 2.5 A NONE Ρ FRAXINUS AMERICANA WHITE ASH 30.0 3.0 A NONE Ρ EASTERN RED CEDAR G94 JUNIPERUS VIRGINIANA 28.3 F 2.8 A NONE EASTERN RED CEDAR JUNIPERUS VIRGINIANA 13.0 F 1.3 A NONE Ρ JUNIPERUS VIRGINIANA EASTERN RED CEDAR 20.0 F 2.0 A NONE Ρ EASTERN RED CEDAR G G95 JUNIPERUS VIRGINIANA 15.0 1.5 S NONE G 2.5 JUNIPERUS VIRGINIANA EASTERN RED CEDAR 25.0 S NONE Ρ JUNIPERUS VIRGINIANA EASTERN RED CEDAR 20.0 2.0 S NONE Ρ JUNIPERUS VIRGINIANA EASTERN RED CEDAR 15.0 F 1.5 S NONE JUNIPERUS VIRGINIANA EASTERN RED CEDAR 25.0 F 2.5 S NONE 20.0 Ρ 2.0 S NONE JUNIPERUS VIRGINIANA EASTERN RED CEDAR P EMBEDDED IN FENCE JUNIPERUS VIRGINIANA EASTERN RED CEDAR 20.0 F 2.0 S NONE P EMBEDDED IN FENCE JUNIPERUS VIRGINIANA EASTERN RED CEDAR 15.0 Р 1.5 S NONE P SIGN LEAN 15.0 F JUNIPERUS VIRGINIANA EASTERN RED CEDAR 1.5 S NONE TRUNK DAMAGE F S NONE JUNIPERUS VIRGINIANA EASTERN RED CEDAR 20.0 2.0 P | SMALLER LEADER WITH NO CANOPY TOP 10% JUNIPERUS VIRGINIANA EASTERN RED CEDAR 15.0 Р 1.5 S NONE P MODERATE LEAN EASTERN RED CEDAR 25.0 F 2.5 S NONE JUNIPERUS VIRGINIANA ACER SACCHARUM SUGAR MAPLE 15.0 G A NONE G96 1 1.5 G 30.0 A NONE ACER SACCHARUM SUGAR MAPLE 3.0 QUERCUS RUBRA F G97 RED OAK 20.0 2.0 A NONE 40.0 Р QUERCUS RUBRA **RED OAK** 4.0 A NONE Ρ POPULUS BALSAMIFERA BALSAM POPLAR 30.0 F 3.0 S NONE Ρ G98 1 **BALSAM POPLAR** POPULUS BALSAMIFERA 50.0 ✓ P 5.0 S NONE S IMPACTED RIGHT-OF-WAY REDEVELOPMENT G99 1 QUERCUS RUBRA RED OAK 20.5 G 2.1 R G **QUERCUS RUBRA RED OAK** 30.0 3.0 S NONE QUERCUS RUBRA RED OAK 27.0 G 2.7 S NONE **QUERCUS RUBRA RED OAK** 21.0 G 2.1 S NONE Ρ

G

G

G

G

2.3

0.5

0.5

S NONE

S NONE

S NONE

Ρ

Ρ

0.7 S NONE

23.0

7.0

5.0

5.0

RED OAK

NORTHERN PIN OAK

NORTHERN PIN OAK

NORTHERN PIN OAK

NORTHERN PIN OAK

QUERCUS RUBRA

QUERCUS PALUSTRIS

QUERCUS PALUSTRIS

QUERCUS PALUSTRIS

QUERCUS PALUSTRIS

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury COMMENTS TREE NO. OR GRP **BOTANICAL NAME COMMON NAME** DISTINCTIVE DEVELOPMENT ROOT ZONE (m) RECOMMENDATION CONDITION OF. CRITICAL **QUERCUS PALUSTRIS** NORTHERN PIN OAK 0.5 5.0 G S NONE G101 1 FRAXINUS AMERICANA WHITE ASH 24.0 F 2.4 S NONE F 24.0 2.4 S NONE FRAXINUS AMERICANA WHITE ASH Ρ 28.0 G 2.8 S NONE G102 1 **QUERCUS RUBRA RED OAK QUERCUS RUBRA** 27.0 G S NONE RED OAK 2.7 S NONE QUERCUS RUBRA RED OAK 27.5 G 2.8 F 1.9 **QUERCUS RUBRA** RED OAK 19.0 S NONE 21.0 G S NONE QUERCUS RUBRA RED OAK 2.1 57.5 ✓ F P OLD TAG 199, BROKEN/DEAD LIMBS G103 ACER RUBRUM RED MAPLE 5.8 S NONE ACER RUBRUM **RED MAPLE** 50.5 ✓ F 5.1 S NONE P LEADER DEAD;TRUNK OPEN FROM CROWN TO BASE WITH WOUND WOOD CHERRY TREE 12.5 1.3 S NONE G104 1 PRUNUS SP P BLACK KNOT 20% OF CROWN PRUNUS SP CHERRY TREE 14.0 F 1.4 S NONE P BLACK KNOT 15% OF CROWN CHERRY TREE F **PRUNUS SP** 12.0 1.2 S NONE P BLACK KNOT 10% OF CROWN G105 GLEDITSIA TRICANTHOS VAR. INERMIS THORNLESS HONEY LOCUST 24.0 G 2.4 S NONE GLEDITSIA TRICANTHOS VAR. INERMIS THORNLESS HONEY LOCUST 32.0 G 3.2 S NONE Р GLEDITSIA TRICANTHOS VAR. INERMIS THORNLESS HONEY LOCUST 31.0 G 3.1 S NONE Ρ THORNLESS HONEY LOCUST G S NONE GLEDITSIA TRICANTHOS VAR. INERMIS 34.0 3.4 Ρ GLEDITSIA TRICANTHOS VAR. INERMIS THORNLESS HONEY LOCUST 30.5 G 3.1 S NONE GLEDITSIA TRICANTHOS VAR. INERMIS THORNLESS HONEY LOCUST 31.5 G 3.2 S NONE Ρ G GLEDITSIA TRICANTHOS VAR. INERMIS THORNLESS HONEY LOCUST 34.5 3.4 S NONE Ρ G OHIO BUCKEYE 23.0 2.3 S NONE Ρ **AESCULUS GLABRA** G106 1 **AESCULUS GLABRA** OHIO BUCKEYE 23.0 G 2.3 S NONE G **AESCULUS GLABRA** OHIO BUCKEYE 21.5 2.2 S NONE Ρ G OHIO BUCKEYE 23.0 2.3 S NONE AESCULUS GLABRA Ρ G AESCULUS GLABRA OHIO BUCKEYE 23.0 2.3 S NONE G **AESCULUS GLABRA** OHIO BUCKEYE 22.5 2.3 S NONE Ρ G **AESCULUS GLABRA** OHIO BUCKEYE 27.5 2.8 S NONE Ρ PICEA GLAUCA WHITE SPRUCE 34.0 F 3.4 S NONE Ρ G107 PICEA GLAUCA WHITE SPRUCE 41.0 G 4.1 S NONE 34.0 G 3.4 S NONE PICEA GLAUCA WHITE SPRUCE Ρ PICEA GLAUCA WHITE SPRUCE 30.0 3.0 S NONE G108 1 WHITE SPRUCE 32.0 G S NONE PICEA GLAUCA 3.2 Ρ 40.0 G S NONE PICEA GLAUCA WHITE SPRUCE 4.0 PICEA GLAUCA WHITE SPRUCE 23.0 Ρ 2.3 S NONE P OLD TAG 778 WHITE SPRUCE 25.5 Р PICEA GLAUCA 2.6 S NONE G PICEA GLAUCA WHITE SPRUCE 32.0 3.2 S NONE Ρ 28.0 PICEA GLAUCA WHITE SPRUCE 2.8 S NONE Ρ PICEA GLAUCA WHITE SPRUCE 27.0 F 2.7 S NONE G109 1 PICEA GLAUCA WHITE SPRUCE 30.0 G 3.0 S NONE

PICEA GLAUCA

PICEA GLAUCA

PICEA GLAUCA

ACER GINNALA

ACER GINNALA

G110 1

WHITE SPRUCE

WHITE SPRUCE

WHITE SPRUCE

AMUR MAPLE

AMUR MAPLE

30.0

28.5

14.0

15.0

G

F

F

F

3.0

1.4

1.5

S NONE

Ρ

P IN PLANTERS WITH SMALLER 2 COMMON LILAC 10 DBH

P 3 AMUR MAPLE, 2 COMMON LILAC IN PLANTERS

S NONE

S NONE

S NONE

2.9 S NONE

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15.0

20.0

BUCKTHORN

APPLE TREE

F

G

1.5

2.0

S NONE

S NONE

OWNERSHIP:

RECOMMENDATION:

Ρ

TREE CONDITION:

RHAMNUS CATHARTICA

MALUS SP

G124 1

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1.5 | S | NONE

1.6 S NONE

1.7

1.9

S NONE

S NONE

Ρ

Ρ

P NEEDLES YELLOWING

PICEA GLAUCA

PICEA GLAUCA

PICEA GLAUCA

PICEA GLAUCA

G138 1

WHITE SPRUCE

WHITE SPRUCE

WHITE SPRUCE

WHITE SPRUCE

16.0

17.0

18.5

Р

F

F

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SYRINGA RETICULATA 'IVORY SILK'

SYRINGA RETICULATA 'IVORY SILK

SYRINGA RETICULATA 'IVORY SILK'

SYRINGA RETICULATA 'IVORY SILK'

SYRINGA RETICULATA 'IVORY SILK'

G152 1

JAPANESE TREE LILAC

21.0

20.0

10.0

21.0

G

G

G

G

2.1

1.0

2.1

S NONE

Ρ

Ρ

S NONE

S NONE

S NONE

2.0 S NONE

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OWNERSHIP:

RECOMMENDATION:

Ρ

R

TREE CONDITION:

ACER RUBRUM

ACER RUBRUM

RED MAPLE

RED MAPLE

31.0

15.0

G

G

3.1

1.5

S NONE

S IMPACTED RIGHT-OF-WAY DEVELOPMENT

TREE CONDITION: **RECOMMENDATION:** OWNERSHIP: GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. M - Municipal Tree Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury DISTINCTIVE **COMMON NAME** COMMENTS TREE NO. OR GRP **BOTANICAL NAME** DEVELOPMENT RECOMMENDATION ROOT ZONE (m) CONDITION CRITICAL OF. G159 1 **CELTIS OCCIDENTALIS** COMMON HACKBERRY 3.5 35.0 G S NONE **CELTIS OCCIDENTALIS COMMON HACKBERRY** 35.0 G 3.5 S NONE Ρ CELTIS OCCIDENTALIS G COMMON HACKBERRY 27.0 2.7 S NONE Ρ 28.0 G 2.8 S NONE **CELTIS OCCIDENTALIS** COMMON HACKBERRY Ρ 32.0 G S NONE PINUS NIGRA **AUSTRIAN PINE** 3.2 G160 S NONE PINUS NIGRA AUSTRIAN PINE 35.0 F 3.5 G PICEA GLAUCA G161 1 WHITE SPRUCE 31.0 3.1 S NONE Ρ WHITE SPRUCE 25.0 G S NONE PICEA GLAUCA 2.5 Ρ G PICEA GLAUCA WHITE SPRUCE 36.0 3.6 S NONE Ρ PICEA GLAUCA WHITE SPRUCE 28.0 G 2.8 S NONE Ρ G AMUR MAPLE 15.0 1.5 S NONE Ρ G162 1 ACER GINNALA ACER GINNALA AMUR MAPLE 12.0 G 1.2 S NONE G ACER GINNALA AMUR MAPLE 13.0 1.3 S NONE Ρ G163 **ACER GINNALA** AMUR MAPLE 16.0 G 1.6 S NONE Ρ **ACER GINNALA** 13.0 G 1.3 S NONE AMUR MAPLE S IMPACTED RIGHT-OF-WAY DEVELOPMENT MALUS SP APPLE TREE 34.0 F 3.4 R G164 1 F **MALUS SP** APPLE TREE 29.0 2.9 S IMPACTED RIGHT-OF-WAY DEVELOPMENT R S IMPACTED RIGHT-OF-WAY DEVELOPMENT MALUS SP APPLE TREE 25.0 G 2.5 R **MALUS SP** APPLE TREE 28.0 G 2.8 S IMPACTED RIGHT-OF-WAY DEVELOPMENT R G **MALUS SP** APPLE TREE 31.0 3.1 S IMPACTED RIGHT-OF-WAY DEVELOPMENT R Р S IMPACTED RIGHT-OF-WAY DEVELOPMENT MALUS SP APPLE TREE 30.0 3.0 R MALUS SP APPLE TREE 41.0 G 4.1 S IMPACTED RIGHT-OF-WAY DEVELOPMENT R F G165 1 ACER RUBRUM RED MAPLE 30.0 3.0 S NONE Ρ RED MAPLE ACER RUBRUM 50.0 G 5.0 S LIMITED RIGHT-OF-WAY DEVELOPMENT **CELTIS OCCIDENTALIS COMMON HACKBERRY** 43.0 G 4.3 S IMPACTED RIGHT-OF-WAY DEVELOPMENT R G166 G CELTIS OCCIDENTALIS COMMON HACKBERRY 22.0 2.2 S NONE Ρ 24.0 F **CELTIS OCCIDENTALIS** COMMON HACKBERRY 2.4 S NONE Ρ **CELTIS OCCIDENTALIS COMMON HACKBERRY** 40.0 F 4.0 S NONE Ρ CELTIS OCCIDENTALIS COMMON HACKBERRY 26.0 G 3.6 S NONE COMMON HACKBERRY 33.0 G 3.3 S NONE **CELTIS OCCIDENTALIS** Ρ ACER RUBRUM **RED MAPLE** 33.0 G 3.3 S NONE G167 28.0 G S NONE ACER RUBRUM RED MAPLE 2.8 Ρ 33.0 G **ACER RUBRUM RED MAPLE** 3.3 S NONE Ρ ACER RUBRUM **RED MAPLE** 31.0 G 3.1 S NONE Ρ ACER RUBRUM RED MAPLE G 19.0 1.9 S NONE G 3.0 G168 1 MALUS SP APPLE TREE 30.0 S NONE Ρ MALUS SP 14.0 G APPLE TREE 1.4 S NONE Ρ MALUS SP APPLE TREE 17.0 G 1.7 S NONE **MALUS SP** APPLE TREE 22.0 G 2.2 S NONE **PICEA ABIES NORWAY SPRUCE** 34.0 G 3.4 S NONE Ρ G169 1 PICEA ABIES NORWAY SPRUCE | S |NONE

PICEA ABIES

PICEA ABIES

PICEA ABIES

NORWAY SPRUCE

NORWAY SPRUCE

NORWAY SPRUCE

34.0

28.0

25.0

G

G

G

3.4 S NONE

2.8

2.5

S NONE

S NONE

Ρ

Ρ

TREE CONDITION: OWNERSHIP: **RECOMMENDATION:** GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects S - Private Tree on the Subject Property Preserve (P) M - Municipal Tree FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist. Remove (R) POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak A - Adjacent Tree Transplant (T) compartmentalization, structural defects are significant. B - Boundary Tree Injure (I) DEAD (D): tree displays no signs of life. LEGEND: Tree Removal Tree Injury DISTINCTIVE TREE NO. OR GRP **BOTANICAL NAME COMMENTS COMMON NAME** DEVELOPMENT RECOMMENDATION CONDITION CRITICAL ROOT ZONE (m) DBH MPACTS OF **NORWAY SPRUCE** PICEA ABIES 22.0 G 2.2 S NONE Ρ G G170 1 PICEA ABIES **NORWAY SPRUCE** 27.0 2.7 S NONE Ρ G PICEA ABIES NORWAY SPRUCE 25.0 2.5 S NONE Ρ **PICEA ABIES NORWAY SPRUCE** 14.0 G 1.4 S NONE Ρ PICEA ABIES NORWAY SPRUCE 27.0 G 2.7 S NONE PICEA ABIES NORWAY SPRUCE 23.0 G 2.3 S NONE G PICEA ABIES **NORWAY SPRUCE** 24.0 2.4 S NONE Ρ PICEA ABIES NORWAY SPRUCE 18.0 G 1.8 S NONE Ρ CELTIS OCCIDENTALIS COMMON HACKBERRY 35.0 G 3.5 S NONE G171 1 Ρ **CELTIS OCCIDENTALIS** COMMON HACKBERRY 30.0 G 3.0 S NONE Ρ **CELTIS OCCIDENTALIS** 34.0 G COMMON HACKBERRY 3.4 S NONE Ρ CELTIS OCCIDENTALIS COMMON HACKBERRY 28.0 G 2.8 S NONE **COMMON HACKBERRY** G **CELTIS OCCIDENTALIS** 32.0 3.2 S NONE Ρ **COMMON HACKBERRY** G **CELTIS OCCIDENTALIS** 29.0 2.9 S NONE Ρ COMMON HACKBERRY G **CELTIS OCCIDENTALIS** 33.0 3.3 S NONE Ρ **COMMON HACKBERRY** G **CELTIS OCCIDENTALIS** 26.0 2.6 S NONE Ρ **COMMON HACKBERRY** G **CELTIS OCCIDENTALIS** 21.0 2.1 S NONE Ρ G172 1 ACER SACCHARUM SUGAR MAPLE 29.0 G 2.9 S NONE ACER SACCHARUM SUGAR MAPLE 27.0 F 2.7 S NONE Ρ G G173 1 SYRINGA RETICULATA 'IVORY SILK' JAPANESE TREE LILAC 12.0 1.2 S NONE Ρ SYRINGA RETICULATA 'IVORY SILK' JAPANESE TREE LILAC 10.0 G 1.0 S NONE Ρ G174 1 PINUS SYLVESTRIS SCOTS PINE 48.5 D S NONE F PINUS SYLVESTRIS SCOTS PINE 35.5 3.6 S NONE **AUSTRIAN PINE** G G175 1 **PINUS NIGRA** 16.0 1.6 S NONE P MODERATE LEAN PINUS NIGRA **AUSTRIAN PINE** 19.0 G S NONE 1.9 G G176 1 **ACER GINNALA** AMUR MAPLE 13.0 1.3 S NONE Ρ G AMUR MAPLE 13.0 1.3 S NONE Ρ ACER GINNALA ACER GINNALA AMUR MAPLE 10.0 G 1.0 S NONE G ACER GINNALA AMUR MAPLE 12.0 1.2 S NONE G177 1 **CELTIS OCCIDENTALIS COMMON HACKBERRY** 35.0 G 3.5 S NONE P MODERATE LEAN **CELTIS OCCIDENTALIS** COMMON HACKBERRY 27.0 G 2.7 S NONE

CELTIS OCCIDENTALIS

ACER RUBRUM

ACER RUBRUM

G178 1

COMMON HACKBERRY

RED MAPLE

RED MAPLE

22.0

25.0

35.0

G

G

G

2.2

2.5

3.5

S NONE

S NONE

S NONE

Ρ

Ρ

10 APPENDIX C - SAMPLE PHOTOGRAPHS OF TREES TO BE REMOVED



408





802



803 805













926 967





979 1402





1443 G88





G99a G134d











G135b G144c & d





G147a





G151a & b

G153a





G153o



G153p



G154a G154b





G154c G154d





G154e G154f





G155a







G157a G157b





G157c



GISTU



G157e

G157f





G157g







G157i G158e





G164a G164b





G164c G164d





G164e



G164f



G164g G166a