

Arborist Report

Tunney's Pasture, Ottawa, ON

2026-01-06

TABLE OF CONTENTS		PAGE
1	INTRODUCTION AND OVERVIEW	1
2	METHODOLOGY.....	1
2.1	INVENTORY	1
2.2	DEFINITIONS	2
2.3	ASSESSMENT	3
2.4	CATEGORY	4
3	GENERAL OBSERVATIONS AND COMMENTS	4
4	TREE REMOVALS & PROTECTION RECOMMENDATIONS.....	4
5	COMPENSATION REQUIREMENTS	4
5.1	PRIVATE TREES	4
6	CONCLUSION	5
7	LIMITATIONS OF ASSESSMENT	6
	APPENDIX A – CITY OF OTTAWA TREE PROTECTION DETAIL.....	7
	APPENDIX B – EXISTING TREE IDENTIFICATION TABLE.....	9
	APPENDIX C – PHOTOGRAPHS OF TREES TO BE REMOVED.....	35

1 INTRODUCTION AND OVERVIEW

In 2021, Public Service and Procurement Canada (PSPC) partnered with 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 Canada Lands Company (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

1. 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, Vollebakk 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 January 6, 2026. Plans must be reviewed in conjunction with this report.

2.2 DEFINITIONS

1. **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), two (2) trees are less than 10cm DBH and will be excluded from compensation calculations. Fifty-four (54) trees, greater than 10cm DBH are alive, will be removed and will require compensation as outlined in the Tree Protection By-law No.2020-340, Section IV – Trees on Private Property Greater Than One Hectare in Area. 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 – PROPERTY GREATER THAN ONE HECTARE IN AREA

For private properties that are greater than one hectare in area is subject to a Planning Act application (Site Plan, Plan of Subdivision and Plan of Condominium). The compensation ratio for private properties greater than one hectare in area is 1:1 for each tree removed. Fifty-four (54) trees would therefore be required for compensation, in this 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 <10 cm	2
Compensation	
Number of dead, hazardous and ash trees removed	0
Number of private trees removed >10cm DBH	54
Private property tree compensation (1:1)	54
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:



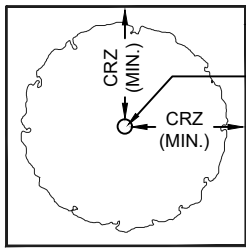
TAYLOR KEMP
ISA CERTIFIED ARBORIST ON-2921A
LANDSCAPE DESIGNER
Taylor.Kemp@arcadis.com

Respectfully Reviewed By:



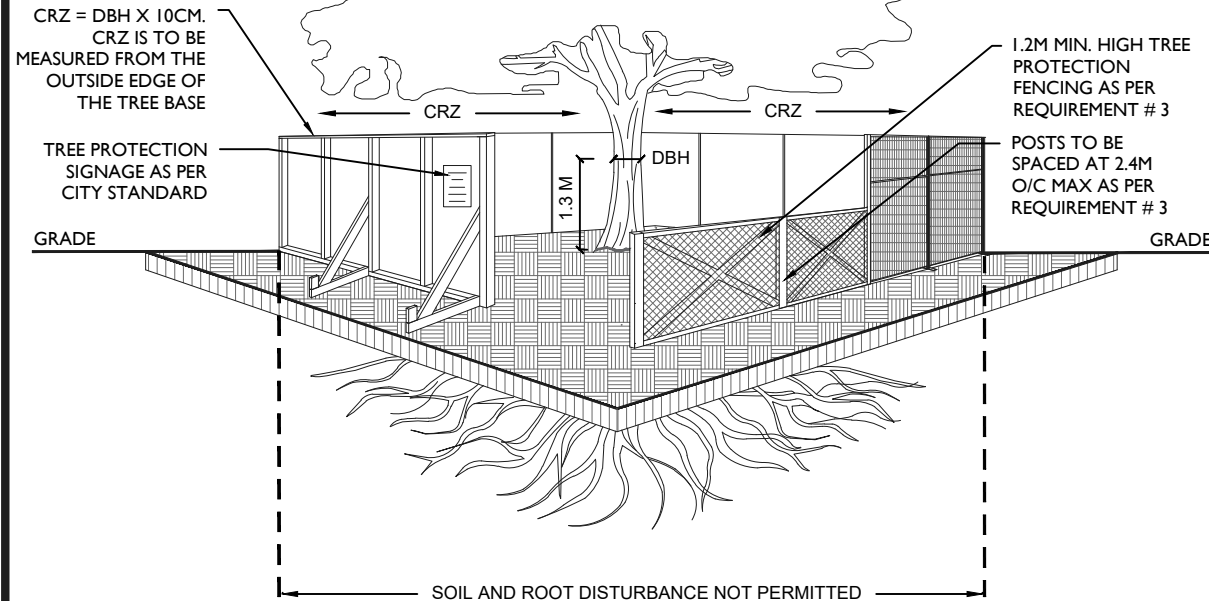
STACEY HEIEBIN OALA
ISA CERTIFIED ARBORIST ON-3060A
LANDSCAPE ARCHITECT
Stacey.Heiebin@arcadis.com

8 APPENDIX A – CITY OF OTTAWA TREE PROTECTION DETAIL



TREE PROTECTION FENCING
TREE TRUNK

PLAN VIEW



CRZ = DBH X 10CM.
CRZ IS TO BE MEASURED FROM THE OUTSIDE EDGE OF THE TREE BASE

TREE PROTECTION SIGNAGE AS PER CITY STANDARD

GRADE

SOIL AND ROOT DISTURBANCE NOT PERMITTED

1.2M MIN. HIGH TREE PROTECTION FENCING AS PER REQUIREMENT # 3

POSTS TO BE SPACED AT 2.4M O/C MAX AS PER REQUIREMENT # 3

GRADE

TREE PROTECTION REQUIREMENTS:

1. 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)	
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 compartmentalization, structural defects are significant.							A - Adjacent Tree			Transplant (T)	
DEAD (D): tree displays no signs of life.							B - Boundary Tree			Injure (I)	
LEGEND:											
Tree Removal			Tree Injury								
TREE NO. OR GRP	BOTANICAL NAME	COMMON NAME	DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP	IMPACTS OF DEVELOPMENT	REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
11	RHAMNUS CATHARTICA	BUCKTHORN	15.5		F	1.6	A	NONE		P	NOT TAGGED
17	RHAMNUS CATHARTICA	BUCKTHORN	14.1		F	1.4	S	NONE		P	NOT TAGGED
18	PICEA GLAUCA	WHITE SPRUCE	31.5		F	3.2	A	NONE		P	SLIGHT LEAN, NOT TAGGED
19	ACER SP.	MAPLE SPECIES	20.0		F	2.0	S	NONE		P	
20	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	20.0		G	2.0	S	NONE		P	
21	ACER RUBRUM	RED MAPLE	25.0		G	2.5	S	NONE		P	
22	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	15.0		F	1.5	S	NONE		P	
23	PICEA GLAUCA	WHITE SPRUCE	26.0		F	2.6	S	NONE		P	PILATED WOODPECKER FORAGING ON BARK
24	MALUS SP	APPLE TREE	14.0		P	1.4	S	NONE		P	OLD TAG 239
301	FRAXINUS AMERICANA	WHITE ASH	15.5		G	1.6	S	NONE		P	
302	PICEA GLAUCA	WHITE SPRUCE	30.5		F	3.1	S	NONE		P	
303	ACER PLATANOIDES	NORWAY MAPLE	22.0		G	2.2	S	NONE		P	
304	RHAMNUS CATHARTICA	BUCKTHORN	11.5		G	1.2	S	NONE		P	
305	MALUS SP	APPLE TREE	20.0		G	2.0	S	NONE		P	MODERATE LEAN
306	ACER PLATANOIDES	NORWAY MAPLE	29.5		G	3.0	S	NONE		P	
307	RHAMNUS CATHARTICA	BUCKTHORN	22.3		G	2.2	S	NONE		P	
308	FRAXINUS AMERICANA	WHITE ASH	48.5		F	4.9	S	NONE		P	SIGN NO OF BROKEN BRANCHES, POSSIBLE DISEASE
309	MORUS SP	MULBERRY TREE	14.0		F	1.4	S	NONE		P	
310	ACER SACCHARUM	SUGAR MAPLE	48.0		G	4.8	S	NONE		P	ADJACENT TO FENCE/PL
311	ACER SACCHARUM	SUGAR MAPLE	31.5		G	3.2	S	NONE		P	
312	TILIA AMERICANA	BASSWOOD	19.0		G	1.9	S	NONE		P	
313	TILIA AMERICANA	BASSWOOD	43.5		P	4.4	S	NONE		P	
314	TILIA AMERICANA	BASSWOOD	25.5		F	2.3	S	NONE		P	SLIGHT LEAN
315	RHAMNUS CATHARTICA	BUCKTHORN	21.5		F	2.2	S	NONE		P	
316	CARYA OVATA	SHAGBARK HICKORY	38.0		G	3.8	S	NONE		P	
317	ACER NEGUNDO	BOXELDER MAPLE	16.0		F	1.6	S	NONE		P	SLIGHT LEAN, EPICORMIC SHOOTS
318	PICEA GLAUCA	WHITE SPRUCE	29.5		F	3.0	S	NONE		P	CANOPY ONLY IN THE TOP 25%
319	FRAXINUS AMERICANA	WHITE ASH	15.0		P	1.5	S	NONE		P	BENDING CENTRAL LEADER
320	POPULUS BALSAMIFERA	BALSAM POPLAR	16.5		G	1.6	A	NONE		P	
321	ACER NEGUNDO	BOXELDER MAPLE	67.5	✓	P	6.8	S	NONE		P	REMOVE/FELL AS SOON AS POSSIBLE
322	FRAXINUS AMERICANA	WHITE ASH	16.5		F	1.7	S	NONE		P	
323	POPULUS BALSAMIFERA	BALSAM POPLAR	14.5		F	1.5	S	NONE		P	MODERATE LEAN
324	ACER NEGUNDO	BOXELDER MAPLE	21.5		P	2.2	S	NONE		P	
325	(DEAD)		24.0		D		S	NONE		P	
326	TILIA AMERICANA	BASSWOOD	23.5		G	2.4	S	NONE		P	
327	ACER SACCHARINUM	SILVER MAPLE	16.5		F	1.7	S	NONE		P	
328	RHAMNUS CATHARTICA	BUCKTHORN	19.0		G	1.9	B	NONE		P	
329	ACER NEGUNDO	BOXELDER MAPLE	25.2		F	2.5	S	NONE		P	
330	RHAMNUS CATHARTICA	BUCKTHORN	20.5		F	2.0	S	NONE		P	
331	POPULUS BALSAMIFERA	BALSAM POPLAR	11.5		G	1.2	S	NONE		P	
332	RHAMNUS CATHARTICA	BUCKTHORN	14.5		F	1.5	S	NONE		P	
333	ACER NEGUNDO	BOXELDER MAPLE	30.0		F	3.0	S	NONE		P	MIDDLE OF RHAMNUS CLUMP

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal BOTANICAL NAME	COMMON NAME	Tree Injury					OWNERSHIP	IMPACTS OF DEVELOPMENT	REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
			DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)						
334	ACER SACCHARUM	SUGAR MAPLE	53.7	✓	G	5.4	S	NONE		P		
335	FRAXINUS AMERICANA	WHITE ASH	14.0		F	1.4	S	NONE		P		
337	FRAXINUS AMERICANA	WHITE ASH	55.5	✓	G	5.6	S	NONE		P		
338	ACER SACCHARUM	SUGAR MAPLE	16.5		P	1.7	S	NONE		P		
339	ACER NEGUNDO	BOXELDER MAPLE	43.6		F	4.4	S	NONE		P	SIGN LEAN	
340	JUGLANS NIGRA	EASTERN BLACK WALNUT	77.0	✓	G	7.7	S	NONE		P		
341	(DEAD)		18.8		D		S	NONE		P		
342	ACER SACCHARUM	SUGAR MAPLE	24.0		G	2.4	S	NONE		P		
343	POPULUS BALSAMIFERA	BALSAM POPLAR	11.0		F	1.1	S	NONE		P		
344	ACER NEGUNDO	BOXELDER MAPLE	10.0		F	1.0	S	NONE		P		
345	POPULUS BALSAMIFERA	BALSAM POPLAR	15.5		F	1.6	S	NONE		P		
346	POPULUS BALSAMIFERA	BALSAM POPLAR	49.7		G	5.0	S	NONE		P		
347	ACER RUBRUM	RED MAPLE	43.8		F	4.4	S	NONE		P		
348	FRAXINUS AMERICANA	WHITE ASH	20.5		F	2.1	S	NONE		P		
349	ACER SACCHARUM	SUGAR MAPLE	50.0	✓	G	5.0	S	NONE		P		
350	FRAXINUS AMERICANA	WHITE ASH	27.0		F	2.7	S	NONE		P		
351	ACER SACCHARUM	SUGAR MAPLE	18.0		F	1.8	S	NONE		P		
352	ACER SACCHARUM	SUGAR MAPLE	32.5		G	3.3	S	NONE		P	2 LEADERS ARE FUSED CLOSE TO THE FLARE	
353	QUERCUS RUBRA	RED OAK	29.0		G	2.9	S	NONE		P		
354	(DEAD)		21.0		D		S	NONE		P		
355	ACER PLATANOIDES	NORWAY MAPLE	26.5		G	2.7	S	NONE		P		
356	PRUNUS SP	CHERRY TREE	18.5		F	1.9	S	NONE		P	MODERATE LEAN	
357	QUERCUS RUBRA	RED OAK	16.0		P	1.6	S	NONE		P		
358	TILIA AMERICANA	BASSWOOD	21.5		F	2.2	S	NONE		P		
359	RHAMNUS CATHARTICA	BUCKTHORN	18.0		F	1.8	S	NONE		P		
360	ACER SACCHARUM	SUGAR MAPLE	27.5		G	2.8	S	NONE		P		
361	QUERCUS RUBRA	RED OAK	37.0		F	3.7	S	NONE		P	SIG CANOPY FAILURE	
362	QUERCUS ALBA	WHITE OAK	90.0	✓	F	9.0	S	NONE		P		
363	QUERCUS RUBRA	RED OAK	50.8	✓	F	5.1	S	NONE		P		
364	QUERCUS RUBRA	RED OAK	43.5		F	4.4	S	NONE		P		
365	QUERCUS RUBRA	RED OAK	40.2		F	4.0	S	NONE		P		
366	QUERCUS RUBRA	RED OAK	33.1		F	3.3	S	NONE		P		
367	QUERCUS RUBRA	RED OAK	36.0		F	3.6	S	NONE		P		
368	FRAXINUS AMERICANA	WHITE ASH	28.0		G	2.8	A	NONE		P		
369	RHAMNUS CATHARTICA	BUCKTHORN	24.0		F	2.4	A	NONE		P		
371	QUERCUS RUBRA	RED OAK	11.0		F	1.1	S	NONE		P		
372	PINUS SYLVESTRIS	AUSTRIAN PINE	33.0		P	3.3	S	NONE		P		
373	POPULUS BALSAMIFERA	BALSAM POPLAR	25.0		P	2.5	S	NONE		P		
374	ACER NEGUNDO	BOXELDER MAPLE	58.5	✓	D		S	NONE		P	NOT TAGGED	
375	ACER SACCHARUM	SUGAR MAPLE	14.0		G	1.4	S	NONE		P		
377	ACER SACCHARUM	SUGAR MAPLE	57.5	✓	G	5.8	S	NONE		P		
378	QUERCUS RUBRA	RED OAK	82.0	✓	G	8.2	S	NONE		P		
379	ACER SACCHARUM	SUGAR MAPLE	67.5	✓	G	6.8	A	NONE		P		
400	PICEA GLAUCA	WHITE SPRUCE	30.0		G	3.0	A	NONE		P	UNTAGGED	

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal BOTANICAL NAME	COMMON NAME	Tree Injury					OWNERSHIP	IMPACTS OF DEVELOPMENT	REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
			DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)						
401	ABIES BALSAMEA	BALSAM FIR	20.0		G	2.0	A	NONE		P		
402	ACER NEGUNDO	BOXELDER MAPLE	40.6		F	4.1	S	NONE		P		
403	ACER RUBRUM	RED MAPLE	73.0	✓	G	7.3	A	NONE		P		
404	RHAMNUS CATHARTICA	BUCKTHORN	23.4		F	2.4	A	NONE		P		
405	RHAMNUS CATHARTICA	BUCKTHORN	18.0		F	1.8	S	NONE		P		
407	ACER PLATANOIDES	NORWAY MAPLE	60.0	✓	G	6.0	S	NONE		P		
408	CARPINUS BETULUS	HORNBEAM	13.5		G	1.4	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
802	ACER RUBRUM	RED MAPLE	8.0		F	0.8	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
803	ACER SACCHARINUM	SILVER MAPLE	30.0		F	3.0	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
804	QUERCUS PALUSTRIS	NORTHERN PIN OAK	9.0		G	0.9	S	NONE		P		
805	ULMUS AMERICANA	AMERICAN ELM	77.5	✓	G	7.8	S	LIMITED	RIGHT-OF-WAY REDEVELOPMENT	I		
807	ACER RUBRUM	RED MAPLE	11.0		F	1.1	S	NONE		P	TRUNK GIRDLED BY TIE	
808	AMELANCHIER ARBOREA	DOWNY SERVICEBERRY	11.0		G	1.1	S	NONE		P		
809	ACER RUBRUM	RED MAPLE	50.0	✓	G	5.0	S	NONE		P	OLD TAG 201	
811	MALUS SP	APPLE TREE	70.0	✓	F	7.0	S	NONE		P	OLD TAG 198, LOW BRANCH UNION	
815	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	10.0		G	1.0	S	NONE		P		
816	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	11.0		G	1.0	S	NONE		P		
817	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	19.0		G	1.9	S	NONE		P		
818	PICEA ABIES	NORWAY SPRUCE	40.0		F	4.0	S	NONE		P		
819	PINUS NIGRA	AUSTRIAN PINE	55.0	✓	G	5.5	S	NONE		P		
822	PINUS NIGRA	AUSTRIAN PINE	71.0	✓	G	7.1	S	NONE		P	OLD TAG 314	
823	MALUS SP	APPLE TREE	55.0	✓	F	5.5	S	NONE		P		
824	AESCULUS GLABRA	OHIO BUCKEYE	23.0		G	2.3	S	NONE		P		
825	MALUS SP	APPLE TREE	26.0		P	2.6	S	NONE		P		
827	ACER NEGUNDO	BOXELDER MAPLE	16.5		F	1.7	S	NONE		P		
828	ACER PLATANOIDES	NORWAY MAPLE	54.5	✓	F	5.5	S	NONE		P	TWISTED AND INCLUDED BARK IN TRUNK	
834	MALUS SP	APPLE TREE	21.5		P	2.2	S	NONE		P	LEADER DEAD	
835	MALUS SP	APPLE TREE	33.0		P	3.3	S	NONE		P	OLD TAG 279	
837	FRAXINUS AMERICANA	WHITE ASH	23.0		P	2.3	S	NONE		P	OLD TAG 294	
840	QUERCUS ALBA	WHITE OAK	10.0		G	1.0	S	NONE		P		
841	AMELANCHIER ARBOREA	DOWNY SERVICEBERRY	8.5		G	0.9	S	NONE		P		
846	AESCULUS HIPPOCASTANUM	HORSECHESTNUT	34.0		G	3.5	S	NONE		P		
847	ACER PLATANOIDES	NORWAY MAPLE	26.0		P	2.6	S	NONE		P		
848	RHAMNUS CATHARTICA	BUCKTHORN	10.0		G	1.0	S	NONE		P		
849	ACER NEGUNDO	BOXELDER MAPLE	16.0		F	1.6	S	NONE		P		
850	SORBUS AMERICANA	MOUNTAIN ASH	23.0		P	2.3	S	NONE		P	CROWN ONE SIDED, 20% DEADWOOD	
851	MALUS SP	APPLE TREE	24.0		G	2.4	S	NONE		P		
853	ULMUS AMERICANA	AMERICAN ELM	27.0		G	2.7	S	NONE		P		
856	ACER PLATANOIDES	NORWAY MAPLE	34.0		F	3.4	S	NONE		P		
857	ACER SACCHARUM	SUGAR MAPLE	40.0		P	4.0	S	NONE		P		
859	ULMUS PUMILA	SIBERIAN ELM	27.5		F	2.8	S	NONE		P		
860	PINUS NIGRA	AUSTRIAN PINE	25.0		F	2.5	S	NONE		P	OLD TAG 228	
861	CELTIS OCCIDENTALIS	COMMON HACKBERRY	29.5		G	2.9	S	NONE		P		
862	QUERCUS RUBRA	RED OAK	28.5		G	2.8	S	NONE		P		

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	BOTANICAL NAME	COMMON NAME	Tree Injury					OWNERSHIP	IMPACTS OF DEVELOPMENT	REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
			DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)						
863	CELTIS OCCIDENTALIS	COMMON HACKBERRY	30.5		F	3.1	S	NONE		P		
864	QUERCUS RUBRA	RED OAK	34.0		G	3.4	S	NONE		P		
865	CELTIS OCCIDENTALIS	COMMON HACKBERRY	35.0		G	3.5	S	NONE		P		
866	QUERCUS RUBRA	RED OAK	57.0	✓	G	5.7	S	NONE		P	OLD TAG 229	
867	CELTIS OCCIDENTALIS	COMMON HACKBERRY	30.0		G	3.0	S	NONE		P		
868	PINUS NIGRA	AUSTRIAN PINE	46.0		G	4.6	S	NONE		P		
869	MALUS SP	APPLE TREE	29.5		F	3.0	S	NONE		P	LEADER DEAD	
870	CELTIS OCCIDENTALIS	COMMON HACKBERRY	28.5		P	2.8	S	NONE		P		
871	CELTIS OCCIDENTALIS	COMMON HACKBERRY	26.0		G	2.6	S	NONE		P		
872	ACER GINNALA	AMUR MAPLE	12.0		G	1.2	S	NONE		P		
873	GLEDTISIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	13.5		G	1.4	S	NONE		P		
874	CELTIS OCCIDENTALIS	COMMON HACKBERRY	30.0		G	3.0	S	NONE		P		
875	ACER SACCHARUM	SUGAR MAPLE	61.0	✓	G	6.1	S	NONE		P		
876	CELTIS OCCIDENTALIS	COMMON HACKBERRY	19.0		G	1.9	S	NONE		P		
879	ACER SACCHARUM	SUGAR MAPLE	35.0		P	3.5	S	NONE		P	OPEN DAMAGE AT BRANCH UNION. 60% DEADWOOD	
880	PINUS NIGRA	AUSTRIAN PINE	36.0		G	3.6	S	NONE		P		
881	ACER SACCHARUM	SUGAR MAPLE	83.0	✓	G	8.3	S	NONE		P		
882	ACER RUBRUM	RED MAPLE	25.5		G	2.6	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
883	PINUS NIGRA	AUSTRIAN PINE	64.0	✓	G	6.4	S	NONE		P		
887	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	23.5		G	2.4	S	NONE		P		
892	MALUS SP	APPLE TREE	32.0		G	3.2	S	NONE		P		
893	PINUS NIGRA	AUSTRIAN PINE	30.0		F	3.0	S	NONE		P	OLD TAG 860	
895	PICEA GLAUCA	WHITE SPRUCE	28.0		G	2.8	S	NONE		P	SLIGHT LEAN	
901	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	14.0		G	1.4	S	NONE		P		
904	ABIES BALSAMEA	BALSAM FIR	12.5		G	1.3	S	NONE		P		
905	ACER RUBRUM	RED MAPLE	9.0		G	0.9	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
907	ACER SACCHARUM	SUGAR MAPLE	31.0		G	3.1	S	NONE		P		
911	QUERCUS RUBRA	RED OAK	75.0	✓	G	7.4	S	NONE		P		
912	ACER PLATANOIDES	NORWAY MAPLE	57.0	✓	F	5.7	S	NONE		P		
913	ACER FREEMANII	FREEMAN MAPLE	10.0		G	1.0	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
915	ULMUS AMERICANA	AMERICAN ELM	23.0		G	2.3	S	NONE		P		
916	ACER PLATANOIDES	NORWAY MAPLE	49.0		G	4.9	S	NONE		P		
919	QUERCUS RUVRA	RED OAK	60.5	✓	F	6.1	S	NONE		P		
920	ACER RUBRUM	RED MAPLE	44.0		G	4.4	S	NONE		P		
923	ACER SACCHARUM	SUGAR MAPLE	29.0		G	2.9	S	NONE		P		
924	QUERCUS ELLISOIDALLIS	NORTHERN PIN OAK	22.0		G	2.2	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R	WRAPPED IN CONSTRUCTION FENCE	
925	RHAMNUS CATHARTICA	BUCKTHORN	14.0		G	1.4	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
929	ACER RUBRUM	RED MAPLE	56.0	✓	G	5.6	S	NONE		P		
930	MALUS SP	APPLE TREE	35.0		P	3.5	S	NONE		P		
936	ACER SACCHARUM	SUGAR MAPLE	84.0	✓	F	8.4	S	NONE		P		
937	PINUS NIGRA	AUSTRIAN PINE	34.0		G	3.4	S	NONE		P		
940	PICEA GLAUCA	WHITE SPRUCE	24.0		G	2.4	S	NONE		P		
946	ACER SACCHARUM	SUGAR MAPLE	74.0	✓	G	7.4	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
950	ACER SACCHARUM	SUGAR MAPLE	26.0		P	2.6	S	NONE		P	DYING BRANCHES, EVIDENCE OF SAPSUCKER FORAGING	

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

LEGEND:

TREE NO. OR GRP	Tree Removal BOTANICAL NAME	COMMON NAME	Tree Injury					OWNERSHIP	IMPACTS OF DEVELOPMENT	REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
			DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)						
958	ACER SACCHARUM	SUGAR MAPLE	25.0		G	2.5	S	NONE		P		
959	PICEA GLAUCA	WHITE SPRUCE	18.0		F	1.8	S	NONE		P		
960	PINUS NIGRA	AUSTRIAN PINE	30.0		G	3.0	S	NONE		P		
962	ACER SACCHARUM	SUGAR MAPLE	66.0	✓	F	6.6	S	NONE		P		
963	ACER GINNALA	AMUR MAPLE	14.0		G	1.4	S	NONE		P		
966	CELTIS OCCIDENTALIS	COMMON HACKBERRY	23.0		G	2.3	S	NONE		P		
967	ACER GINNALA	AMUR MAPLE	17.0		G	1.7	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
969	ACER RUBRUM	RED MAPLE	39.0		G	3.9	S	NONE		P	MAINN TRUNK PRUNED, BRANCHING TOWARD BUILDING	
970	ACER RUBRUM	RED MAPLE	44.0		F	4.4	S	NONE		P		
971	PINUS SYLVESTRIS	SCOTS PINE	36.5		G	3.7	S	NONE		P		
972	PINUS SYLVESTRIS	SCOTS PINE	33.5		F	3.4	S	NONE		P	SAPSUCKER HOLES AND FISSURE ALONG TRUNK	
973	PINUS RESINOSA	RED PINE	24.0		F	2.4	S	NONE		P	RED SCALES BARK, SMALL ROUND SMOOTH CONE	
974	PINUS RESINOSA	RED PINE	24.0		F	2.4	S	NONE		P		
975	PINUS RESINOSA	RED PINE	23.0		F	2.3	S	NONE		P		
976	PINUS RESINOSA	RED PINE	13.0		P	1.3	S	NONE		P		
977	PINUS SYLVESTRIS	SCOTS PINE	31.5		P	3.2	S	NONE		P		
979	QUERCUS RUBRA	RED OAK	20.0		G	2.0	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
980	PINUS SYLVESTRIS	SCOTS PINE	36.0		G	3.6	S	NONE		P		
982	CELTIS OCCIDENTALIS	COMMON HACKBERRY	41.0		G	4.1	S	NONE		P		
983	ACER RUBRUM	RED MAPLE	27.5		P	2.8	S	NONE		P		
984	ACER NEGUNDO	BOXELDER MAPLE	22.0		G	2.2	S	NONE		P		
985	ACER RUBRUM	RED MAPLE	40.0		G	4.0	S	NONE		P		
986	PINUS SYLVESTRIS	SCOTS PINE	38.0		G	3.8	S	NONE		P		
987	PINUS RESINOSA	RED PINE	23.0		F	2.3	S	NONE		P		
988	PINUS RESINOSA	RED PINE	22.0		F	2.2	S	NONE		P		
989	PINUS RESINOSA	RED PINE	26.0		F	2.6	S	NONE		P		
990	PINUS RESINOSA	RED PINE	25.5		F	2.6	S	NONE		P		
991	PINUS RESINOSA	RED PINE	24.0		F	2.4	S	NONE		P		
992	PINUS SYLVESTRIS	SCOTS PINE	25.0		F	2.5	S	NONE		P		
994	ULMUS AMERICANA	AMERICAN ELM	53.0	✓	F	5.3	S	NONE		P		
995	PINUS SYLVESTRIS	SCOTS PINE	28.0		F	2.8	S	NONE		P		
997	PINUS RESINOSA	RED PINE	26.0		P	2.6	S	NONE		P		
998	PINUS RESINOSA	RED PINE	23.0		F	2.3	S	NONE		P		
999	PINUS SYLVESTRIS	SCOTS PINE	32.0		F	3.2	S	NONE		P		
1000	ACER RUBRUM	RED MAPLE	23.0		P	2.3	S	NONE		P		
1001	ACER PLATANOIDES	NORWAY MAPLE	35.0		G	3.5	S	NONE		P	COMPARMENTALIZATION ON A SLIGHTLY TWISTED TRUNK	
1004	ACER SACCHARUM	SUGAR MAPLE	35.0		G	3.5	A	NONE		P		
1005	JUGLANS NIGRA	EASTERN BLACK WALNUT	50.0	✓	G	5.0	A	NONE		P		
1006	PINUS SYLVESTRIS	SCOTS PINE	25.0		F	2.5	B	NONE		P		
1007	PICEA GLAUCA	WHITE SPRUCE	30.0		P	3.0	A	NONE		P		
1008	SALIX SP.	WILLOW TREE	40.0		G	4.0	S	NONE		P		
1009	QUERCUS ROBUR 'FASTIGIATA'	COLUMNAR ENGLISH OAK	38.1		G	3.8	A	NONE		P		
1010	THUJA OCCIDENTALIS	NORTHERN WHITE CEDAR	10.0		G	1.0	A	NONE		P		
1022	ULMUS PUMILA	SIBERIAN ELM	50.0	✓	P	5.0	A	NONE		P		

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

LEGEND:

TREE NO. OR GRP	Tree Removal BOTANICAL NAME	COMMON NAME	Tree Injury					OWNERSHIP	IMPACTS OF DEVELOPMENT	REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
			DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)						
1023	RHAMNUS CATHARTICA	BUCKTHORN	25.0		G	2.5	A	NONE		P		
1026	FRAXINUS AMERICANA	WHITE ASH	100.0	✓	G	10.0	A	NONE		P		
1030	ACER SACCHARINUM	SILVER MAPLE	85.0	✓	P	8.5	A	NONE		P		
1031	RHAMNUS CATHARTICA	BUCKTHORN	20.0		D		A	NONE		P		
1032	ACER SACCHARUM	SUGAR MAPLE	49.4		F	4.9	A	NONE		P		
1035	ACER SACCHARUM	SUGAR MAPLE	50.0	✓	F	5.0	S	NONE		P		
1036	POPULUS BALSAMIFERA	BALSAM POPLAR	43.0		F	4.3	S	NONE		P		
1042	POPULUS BALSAMIFERA	BALSAM POPLAR	18.0		G	1.8	A	NONE		P		
1045	MORUS SP	MULBERRY TREE	15.0		G	1.5	S	NONE		P		
1050	POPULUS BALSAMIFERA	BALSAM POPLAR	88.2	✓	P	8.8	S	NONE		P	SIGN BROKEN LEADERS	
1051	PINUS RESINOSA	RED PINE	22.0		P	2.2	S	NONE		P	HALF OF TRUNK GONE, OLD TAG 976	
1052	PINUS SYLVESTRIS	SCOTS PINE	32.0		G	3.2	S	NONE		P	OLD TAG 966	
1053	ACER SACCHARUM	SUGAR MAPLE	71.0	✓	F	7.1	S	NONE		P	DIE BACK EVIDENT IN CROWN, DYING BRANCHES, OLD TAG 404	
1054	ACER NEGUNDO	BOXELDER MAPLE	39.0		G	3.9	S	NONE		P	OLD TAG 963	
1401	ACER GINNALA	AMUR MAPLE	14.0		F	1.4	S	NONE		P		
1402	CELTIS OCCIDENTALIS	COMMON HACKBERRY	37.0		G	3.7	S	LIMITED	RIGHT-OF-WAY REDEVELOPMENT	I		
1403	ACER GINNALA	AMUR MAPLE	21.0		G	2.1	S	NONE		P		
1404	ACER GINNALA	AMUR MAPLE	13.0		G	1.3	S	NONE		P		
1405	ACER GINNALA	AMUR MAPLE	12.0		P	1.2	S	NONE		P		
1406	ACER GINNALA	AMUR MAPLE	10.0		G	1.0	S	NONE		P		
1407	ACER GINNALA	AMUR MAPLE	14.0		F	1.4	S	NONE		P		
1408	ACER GINNALA	AMUR MAPLE	14.0		F	1.4	S	NONE		P		
1409	ACER GINNALA	AMUR MAPLE	14.0		F	1.4	S	NONE		P		
1410	ACER GINNALA	AMUR MAPLE	15.0		F	1.5	S	NONE		P		
1411	CELTIS OCCIDENTALIS	COMMON HACKBERRY	38.0		G	3.8	S	NONE		P		
1412	ACER GINNALA	AMUR MAPLE	18.0		F	1.8	S	NONE		P		
1413	ACER SACCHARUM	SUGAR MAPLE	11.0		G	1.1	S	NONE		P		
1414	ACER NEGUNDO	BOXELDER MAPLE	20.0		G	2.0	S	NONE		P		
1415	ACER GINNALA	AMUR MAPLE	12.0		P	1.2	S	NONE		P		
1416	ACER GINNALA	AMUR MAPLE	21.0		G	2.1	S	NONE		P		
1417	ACER GINNALA	AMUR MAPLE	13.0		F	1.3	S	NONE		P		
1418	ACER GINNALA	AMUR MAPLE	15.0		F	1.5	S	NONE		P		
1419	ACER GINNALA	AMUR MAPLE	16.0		F	1.6	S	NONE		P		
1420	QUERCUS RUBRA	RED OAK	11.0		G	1.1	S	NONE		P		
1421	CELTIS OCCIDENTALIS	COMMON HACKBERRY	8.0		G	0.8	S	NONE		P		
1422	ACER SACCHARUM	SUGAR MAPLE	11.0		G	1.1	S	NONE		P		
1423	ACER GINNALA	AMUR MAPLE	14.0		F	1.4	S	NONE		P		
1424	ACER FREEMANII	FREEMAN MAPLE	26.0		G	2.6	S	NONE		P		
1425	ACER GINNALA	AMUR MAPLE	16.0		P	1.6	S	NONE		P	ALMOST COMPLETELY DEAD, BUCKTHORN HEAVY AREA	
1426	ACER GINNALA	AMUR MAPLE	16.0		F	1.6	S	NONE		P		
1427	ACER GINNALA	AMUR MAPLE	18.0		P	1.8	S	NONE		P		
1428	ACER GINNALA	AMUR MAPLE	17.0		F	1.7	S	NONE		P		
1430	ACER NEGUNDO	BOXELDER MAPLE	11.0		F	1.1	S	NONE		P		
1432	TILIA AMERICANA	BASSWOOD	14.0		G	1.4	S	NONE		P		

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

LEGEND:

TREE NO. OR GRP	Tree Removal BOTANICAL NAME	COMMON NAME	Tree Injury					OWNERSHIP	IMPACTS OF DEVELOPMENT	REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
			DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)						
1433	ACER GINNALA	AMUR MAPLE	21.0		F	2.1	S	NONE		P		
1434	ACER GINNALA	AMUR MAPLE	16.0		G	1.6	S	NONE		P		
1435	ULMUS AMERICANA	AMERICAN ELM	22.0		G	2.2	S	NONE		P		
1436	ACER GINNALA	AMUR MAPLE	15.0		G	1.5	S	NONE		P		
1438	ACER GINNALA	AMUR MAPLE	23.0		F	2.3	S	NONE		P		
1442	ACER FREEMANII	FREEMAN MAPLE	17.0		G	1.7	S	NONE		P		
1443	ACER GINNALA	AMUR MAPLE	10.0		G	1.0	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R		
1444	QUERCUS RUBRA	RED OAK	14.0		G	1.4	S	NONE		P		
1445	ACER GINNALA	AMUR MAPLE	14.0		F	1.4	S	NONE		P		
1446	ACER GINNALA	AMUR MAPLE	23.0		F	2.3	S	NONE		P		
1448	ACER GINNALA	AMUR MAPLE	10.0		G	1.0	S	NONE		P	MULTI STEM; 1 DECAYING	
1450	QUERCUS RUBRA	RED OAK	14.0		G	1.4	S	NONE		P		
1451	ACER GINNALA	AMUR MAPLE	16.0		F	1.6	S	NONE		P		
1453	ACER GINNALA	AMUR MAPLE	16.0		G	1.6	S	NONE		P		
1454	ACER GINNALA	AMUR MAPLE	17.0		G	1.7	S	NONE		P		
1455	ACER GINNALA	AMUR MAPLE	18.0		G	1.8	S	NONE		P		
1456	ACER GINNALA	AMUR MAPLE	16.0		G	1.6	S	NONE		P		
1457	ACER GINNALA	AMUR MAPLE	14.0		G	1.4	S	NONE		P		
1458	QUERCUS ALBA	WHITE OAK	46.0		G	4.6	S	NONE		P		
1459	ACER SACCHARUM	SUGAR MAPLE	13.0		G	1.3	S	NONE		P		
1460	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	12.0		G	1.2	S	NONE		P		
1461	ACER GINNALA	AMUR MAPLE	15.0		G	1.5	S	NONE		P		
1462	ACER GINNALA	AMUR MAPLE	14.0		G	1.4	S	NONE		P		
1463	QUERCUS ALBA	WHITE OAK	58.0	✓	G	5.8	S	NONE		P	OLD TAG 646	
1464	ACER NEGUNDO	BOXELDER MAPLE	16.0		G	1.6	S	NONE		P		
1465	ACER GINNALA	AMUR MAPLE	10.0		G	1.0	S	NONE		P		
1466	ACER NEGUNDO	BOXELDER MAPLE	15.0		G	1.5	S	NONE		P		
1467	ACER GINNALA	AMUR MAPLE	14.0		G	1.4	S	NONE		P		
1468	ACER GINNALA	AMUR MAPLE	18.0		G	1.8	S	NONE		P		
1469	ACER GINNALA	AMUR MAPLE	14.0		P	1.4	S	NONE		P		
1470	ACER GINNALA	AMUR MAPLE	23.0		F	2.3	S	NONE		P		
1471	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	10.0		G	1.0	S	NONE		P		
1473	ACER GINNALA	AMUR MAPLE	22.0		G	2.2	S	NONE		P		
1474	ACER GINNALA	AMUR MAPLE	10.0		P	1.0	S	NONE		P		
1475	ACER GINNALA	AMUR MAPLE	14.0		P	1.4	S	NONE		P	HAS BEEN PRUNED	
1476	ACER GINNALA	AMUR MAPLE	17.0		F	1.7	S	NONE		P		
1477	ACER GINNALA	AMUR MAPLE	21.0		F	2.1	S	NONE		P		
1479	ACER GINNALA	AMUR MAPLE	21.0		P	2.1	S	NONE		P		
1480	ACER GINNALA	AMUR MAPLE	20.0		P	2.0	S	NONE		P	2 DEAD STEMS WITH EVIDENCE OR FORAGING BY BIRDS	
1481	RHAMNUS CATHARTICA	BUCKTHORN	13.0		G	1.3	S	NONE		P	BUCKTHORN THICKET APPROX 5 STEMS	
1482	PICEA GLAUCA	WHITE SPRUCE	12.0		G	1.2	S	NONE		P		
1483	QUERCUS ALBA	WHITE OAK	80.0	✓	G	8.0	S	NONE		P		
1484	PICEA GLAUCA	WHITE SPRUCE	30.0		F	3.0	S	NONE		P	PLEATED WOODPECKER FORAGING ON BOTH TREES	
1485	ACER GINNALA	AMUR MAPLE	14.0		P	1.4	S	NONE		P		

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

LEGEND:

TREE NO. OR GRP	Tree Removal BOTANICAL NAME	COMMON NAME	Tree Injury					OWNERSHIP	IMPACTS OF DEVELOPMENT	REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
			DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)						
1489	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	9.0		G	0.9	S	NONE			P	
1490	QUERCUS RUBRA	RED MAPLE	11.0		F	1.1	S	NONE			P	
1491	QUERCUS RUBRA	RED MAPLE	3.0		P	0.3	S	NONE			P	
1492	QUERCUS RUBRA	RED MAPLE	5.0		F	0.5	S	NONE			P	
1493	QUERCUS RUBRA	RED MAPLE	5.0		G	0.5	S	NONE			P	
1496	PICEA GLAUCA	WHITE SPRUCE	35.0		G	3.5	S	NONE			P	
1498	PRUNUS SEROTINA	BLACK CHERRY	12.0		F	1.2	S	NONE			P	
1999	PINUS NIGRA	AUSTRIAN PINE	45.0		G	4.5	S	NONE			P	INACCESSIBLE DBH AND LOCATION ESTIMATED
2000	ACER PLATANOIDES	NORWAY MAPLE	15.0		F	1.5	S	NONE			P	
2001	PINUS NIGRA	AUSTRIAN PINE	24.0		F	2.4	S	NONE			P	INACCESSIBLE DBH AND LOCATION ESTIMATED
2003	PINUS NIGRA	AUSTRIAN PINE	40.0		G	4.0	S	NONE			P	INACCESSIBLE DBH AND LOCATION ESTIMATED
2004	PINUS NIGRA	AUSTRIAN PINE	40.0		G	4.0	S	NONE			P	INACCESSIBLE DBH AND LOCATION ESTIMATED
2005	PINUS NIGRA	AUSTRIAN PINE	40.0		G	4.0	S	NONE			P	INACCESSIBLE DBH AND LOCATION ESTIMATED
2006	PINUS NIGRA	AUSTRIAN PINE	40.0		G	4.0	S	NONE			P	INACCESSIBLE DBH AND LOCATION ESTIMATED
G1	1	ACER NEGUNDO	BOXELDER MAPLE	33.5		G	3.4	S	NONE		P	
	2	ACER NEGUNDO	BOXELDER MAPLE	45.0		G	4.5	S	NONE		P	
	3	ACER NEGUNDO	BOXELDER MAPLE	14.5		F	1.5	A	NONE		P	EMBEDDED IN FENCE, BOUNDARY TREE
	4	ACER NEGUNDO	BOXELDER MAPLE	35.5		F	3.6	B	NONE		P	MINOR TRUNK CAVITIES
G2	1	RHAMNUS CATHARTICA	BUCKTHORN	22.5		G	2.3	A	NONE		P	RETAINING WALL
	2	RHAMNUS CATHARTICA	BUCKTHORN	13.0		G	1.3	A	NONE		P	
G3	1	RHAMNUS CATHARTICA	BUCKTHORN	12.0		G	1.2	S	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	13.5		F	1.4	S	NONE		P	1 LEADER DEAD/ALMOST DEAD
	3	RHAMNUS CATHARTICA	BUCKTHORN	33.9		G	3.4	B	NONE		P	
G4	1	RHAMNUS CATHARTICA	BUCKTHORN	21.5		G	2.2	S	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	14.5		G	1.5	S	NONE		P	MODERATE LEAN
G5	1	RHAMNUS CATHARTICA	BUCKTHORN	15.0		G	1.5	S	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	15.9		F	1.6	S	NONE		P	
G6	1	ACER NEGUNDO	BOXELDER MAPLE	18.5		F	1.9	S	NONE		P	SIGN PHOTOTROPIC LEAN TOWARDS PARKING
	2	ACER NEGUNDO	BOXELDER MAPLE	19.5		F	2.0	S	NONE		P	SIGN LEAN
G7	1	ACER SACCHARUM	SUGAR MAPLE	12.0		G	1.2	S	NONE		P	
	2	ACER SACCHARUM	SUGAR MAPLE	11.0		G	1.1	S	NONE		P	
G8	1	RHAMNUS CATHARTICA	BUCKTHORN	10.5		F	1.1	S	NONE		P	SIGN LEADER DAMAGE, BARK PEELING
	2	RHAMNUS CATHARTICA	BUCKTHORN	10.0		G	1.0	S	NONE		P	
	3	RHAMNUS CATHARTICA	BUCKTHORN	21.0		P	2.1	S	NONE		P	TRUNK DAMAGE, POSSIBLE DISEASE, PEELING BARK
	4	RHAMNUS CATHARTICA	BUCKTHORN	11.0			1.1	S	NONE		P	
	5	RHAMNUS CATHARTICA	BUCKTHORN	19.7		F	2.0	S	NONE		P	FUNGUS
	6	RHAMNUS CATHARTICA	BUCKTHORN	28.8		F	2.9	S	NONE		P	
	7	RHAMNUS CATHARTICA	BUCKTHORN	23.0		F	2.3	S	NONE		P	
	8	RHAMNUS CATHARTICA	BUCKTHORN	19.8		G	2.0	S	NONE		P	
G9	1	ACER NEGUNDO	BOXELDER MAPLE	26.5		F	2.7	S	NONE		P	SIGN LEAN TOWARDS PARKING, EPICORMIC SHOOTS
	2	ACER NEGUNDO	BOXELDER MAPLE	41.5		F	4.2	S	NONE		P	SIGN LEAN, EPICORMIC SHOOTS
G10	1	PICEA PUNGENS	COLORADO BLUE SPRUCE	22.5		G	2.3	S	NONE		P	
	2	PICEA PUNGENS	COLORADO BLUE SPRUCE	14.0		G	1.4	S	NONE		P	
	3	PICEA PUNGENS	COLORADO BLUE SPRUCE	22.5		G	2.3	S	NONE		P	SLIGHT BEND

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

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
	4	PICEA PUNGENS	COLORADO BLUE SPRUCE	10.5		G	1.1	S	NONE		P	
	5	PICEA PUNGENS	COLORADO BLUE SPRUCE	10.5		G	1.1	S	NONE		P	
G11	1	ACER SACCHARINUM	SILVER MAPLE	10.5		G	1.1	S	NONE		P	
	2	ACER SACCHARINUM	SILVER MAPLE	10.0		G	1.0	S	NONE		P	
	3	ACER SACCHARINUM	SILVER MAPLE	13.5		G	1.4	S	NONE		P	SLIGHT BEND AND LEAN
G12	1	ACER NEGUNDO	BOXELDER MAPLE	11.0		F	1.1	S	NONE		P	SEVERE BEND AT 2m, SIGN TRUNKL CAVITY, DAMAGED LIMBS
	2	ACER NEGUNDO	BOXELDER MAPLE	43.7		G	4.4	S	NONE		P	
G13	1	RHAMNUS CATHARTICA	BUCKTHORN	10.0		F	1.0	S	NONE		P	SLIGHT LEAN
	2	RHAMNUS CATHARTICA	BUCKTHORN	14.0		G	1.4	S	NONE		P	
	3	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	4	RHAMNUS CATHARTICA	BUCKTHORN	12.0		F	1.2	S	NONE		P	
	5	RHAMNUS CATHARTICA	BUCKTHORN	11.0		F	1.1	S	NONE		P	
	6	RHAMNUS CATHARTICA	BUCKTHORN	16.5		F	1.7	S	NONE		P	
	7	RHAMNUS CATHARTICA	BUCKTHORN	19.0		F	1.8	S	NONE		P	
	8	RHAMNUS CATHARTICA	BUCKTHORN	15.0		G	1.5	S	NONE		P	
G14	1	(DEAD)		23.5		D		S	NONE		P	
	2	(DEAD)		15.0		D		S	NONE		P	LEANING ON 317
G15	1	ACER SACCHARUM	SUGAR MAPLE	11.0		F	1.1	S	NONE		P	
	2	ACER SACCHARUM	SUGAR MAPLE	13.0		G	1.3	S	NONE		P	
	3	ACER SACCHARUM	SUGAR MAPLE	11.5		F	1.2	S	NONE		P	
	4	ACER SACCHARUM	SUGAR MAPLE	11.0		F	1.1	S	NONE		P	
	5	ACER SACCHARUM	SUGAR MAPLE	10.5		F	1.1	S	NONE		P	
	6	ACER SACCHARUM	SUGAR MAPLE	13.0		F	1.3	S	NONE		P	
	7	ACER SACCHARUM	SUGAR MAPLE	14.5		G	1.5	S	NONE		P	
G16	1	ACER NEGUNDO	BOXELDER MAPLE	35.0		F	3.5	S	NONE		P	
	2	ACER NEGUNDO	BOXELDER MAPLE	22.0		F	2.2	S	NONE		P	
G17	1	(DEAD)		17.0		D		S	NONE		P	
	2	(DEAD)		16.5		D		S	NONE		P	
G18	1	ACER NEGUNDO	BOXELDER MAPLE	25.5		F	2.6	S	NONE		P	
	2	ACER NEGUNDO	BOXELDER MAPLE	17.0		P	1.7	S	NONE		P	
	3	ACER NEGUNDO	BOXELDER MAPLE	35.0		F	3.5	S	NONE		P	
G19	1	POPULUS BALSAMIFERA	BALSAM POPLAR	41.3		F	4.2	S	NONE		P	
	2	POPULUS BALSAMIFERA	BALSAM POPLAR	24.5		F	2.5	S	NONE		P	
	3	POPULUS BALSAMIFERA	BALSAM POPLAR	25.5		F	2.6	S	NONE		P	SEVERE BEND AT TOP
G20	1	FRAXINUS AMERICANA	WHITE ASH	11.5		F	1.2	S	NONE		P	
	2	FRAXINUS AMERICANA	WHITE ASH	11.0		F	1.1	S	NONE		P	
G21	1	ACER SACCHARUM	SUGAR MAPLE	10.0		G	1.0	S	NONE		P	
	2	ACER SACCHARUM	SUGAR MAPLE	16.5		G	1.7	S	NONE		P	
	3	ACER SACCHARUM	SUGAR MAPLE	12.0		G	1.2	S	NONE		P	
	4	ACER SACCHARUM	SUGAR MAPLE	14.0		F	1.4	S	NONE		P	
	5	ACER SACCHARUM	SUGAR MAPLE	25.5		G	2.6	S	NONE		P	
	6	ACER SACCHARUM	SUGAR MAPLE	15.0		G	1.5	S	NONE		P	
	7	ACER SACCHARUM	SUGAR MAPLE	14.5		F	1.5	S	NONE		P	
	8	ACER SACCHARUM	SUGAR MAPLE	11.0		F	1.1	S	NONE		P	

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal		Tree Injury								REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
	BOTANICAL NAME	COMMON NAME	DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP	IMPACTS OF DEVELOPMENT					
G22	1	RHAMNUS CATHARTICA	BUCKTHORN	34.4		G	3.4	S	NONE		P		
	2	RHAMNUS CATHARTICA	BUCKTHORN	23.2		G	2.3	S	NONE		P		
	3	RHAMNUS CATHARTICA	BUCKTHORN	18.0		F	1.8	A	NONE		P		
	4	RHAMNUS CATHARTICA	BUCKTHORN	14.0		F	1.4	S	NONE		P		
	5	RHAMNUS CATHARTICA	BUCKTHORN	14.0		F	1.4	S	NONE		P		
	6	RHAMNUS CATHARTICA	BUCKTHORN	11.0		F	1.1	S	NONE		P		
	7	RHAMNUS CATHARTICA	BUCKTHORN	13.0		F	1.3	S	NONE		P		
	8	RHAMNUS CATHARTICA	BUCKTHORN	17.7		F	1.8	S	NONE		P		
	9	RHAMNUS CATHARTICA	BUCKTHORN	13.5		F	1.4	S	NONE		P		
	10	RHAMNUS CATHARTICA	BUCKTHORN	17.5		F	1.8	S	NONE		P		
	11	RHAMNUS CATHARTICA	BUCKTHORN	10.0		F	1.0	S	NONE		P		
G23	1	ACER SACCHARUM	SUGAR MAPLE	11.5		G	1.2	S	NONE		P		
	2	ACER SACCHARUM	SUGAR MAPLE	19.0		G	1.9	S	NONE		P		
	3	ACER SACCHARUM	SUGAR MAPLE	14.5		G	1.5	S	NONE		P		
	4	ACER SACCHARUM	SUGAR MAPLE	11.5		G	1.2	S	NONE		P		
	5	ACER SACCHARUM	SUGAR MAPLE	11.0		G	1.1	S	NONE		P		
	6	ACER SACCHARUM	SUGAR MAPLE	10.5		G	1.1	S	NONE		P		
	7	ACER SACCHARUM	SUGAR MAPLE	11.5		G	1.2	S	NONE		P		
	8	ACER SACCHARUM	SUGAR MAPLE	13.5		G	1.4	S	NONE		P		
	9	ACER SACCHARUM	SUGAR MAPLE	18.5		G	1.9	S	NONE		P		
	10	ACER SACCHARUM	SUGAR MAPLE	12.0		G	1.2	S	NONE		P		
	11	ACER SACCHARUM	SUGAR MAPLE	10.5		G	1.1	S	NONE		P		
	12	ACER SACCHARUM	SUGAR MAPLE	15.5		G	1.6	S	NONE		P		
	13	ACER SACCHARUM	SUGAR MAPLE	12.5		F	1.3	S	NONE		P		
G24	1	FRAXINUS AMERICANA	WHITE ASH	10.0		F	1.0	S	NONE		P		
	2	FRAXINUS AMERICANA	WHITE ASH	11.0		F	1.1	S	NONE		P	BARK BEGGING TO PEEL	
	3	(DEAD)		17.0		D		S	NONE		P		
G25	1	ACER NEGUNDO	BOXELDER MAPLE	21.5		F	2.2	S	NONE		P	SLIGHT LEAN	
	2	ACER NEGUNDO	BOXELDER MAPLE	14.5		F	1.5	S	NONE		P	SLIGHT LEAN	
	3	ACER NEGUNDO	BOXELDER MAPLE	10.0		F	1.0	S	NONE		P	SLIGHT LEAN	
G26	1	ACER NEGUNDO	BOXELDER MAPLE	18.5		F	1.9	S	NONE		P		
	2	ACER NEGUNDO	BOXELDER MAPLE	19.0		F	1.9	S	NONE		P		
G27	1	RHAMNUS CATHARTICA	BUCKTHORN	15.6		F	1.6	S	NONE		P		
	2	RHAMNUS CATHARTICA	BUCKTHORN	23.6		P	2.4	S	NONE		P		
	3	RHAMNUS CATHARTICA	BUCKTHORN	16.0		F	1.6	S	NONE		P		
	4	RHAMNUS CATHARTICA	BUCKTHORN	27.6		F	2.8	S	NONE		P		
	5	RHAMNUS CATHARTICA	BUCKTHORN	10.0		G	1.0	S	NONE		P	SLIGHT LEAN	
	6	RHAMNUS CATHARTICA	BUCKTHORN	18.7		F	1.9	S	NONE		P		
	7	RHAMNUS CATHARTICA	BUCKTHORN	10.0		F	1.0	S	NONE		P	MODERATE LEAN	
	8	RHAMNUS CATHARTICA	BUCKTHORN	30.9		F	3.1	S	NONE		P		
	9	RHAMNUS CATHARTICA	BUCKTHORN	28.0		F	2.8	S	NONE		P		
	10	(DEAD)		21.0		D		S	NONE		P		
	11	RHAMNUS CATHARTICA	BUCKTHORN	10.5		F	1.1	S	NONE		P		
	12	RHAMNUS CATHARTICA	BUCKTHORN	12.0		F	1.2	S	NONE		P		

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

LEGEND:

TREE NO. OR GRP	Tree Removal		Tree Injury								REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
	BOTANICAL NAME	COMMON NAME	DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP	IMPACTS OF DEVELOPMENT					
	13	RHAMNUS CATHARTICA	BUCKTHORN	32.3		F	3.2	S	NONE		P		
	14	RHAMNUS CATHARTICA	BUCKTHORN	26.9		P	2.7	S	NONE		P		
	15	RHAMNUS CATHARTICA	BUCKTHORN	22.9		P	2.3	B	NONE		P		
	16	RHAMNUS CATHARTICA	BUCKTHORN	17.5		P	1.8	B	NONE		P	EMBEDDED IN CHAIN LINK FENCE	
G28	1	POPULUS BALSAMIFERA	BALSAM POPLAR	21.5		F	2.2	S	NONE		P		
	2	POPULUS BALSAMIFERA	BALSAM POPLAR	11.0		F	1.1	S	NONE		P		
G29	1	RHAMNUS CATHARTICA	BUCKTHORN	16.5		F	1.7	S	NONE		P		
	2	RHAMNUS CATHARTICA	BUCKTHORN	15.9		P	1.6	S	NONE		P		
	3	RHAMNUS CATHARTICA	BUCKTHORN	10.5		F	1.1	S	NONE		P		
	4	(DEAD)		13.5		D		S	NONE		P		
	5	RHAMNUS CATHARTICA	BUCKTHORN	23.4		F	2.4	S	NONE		P		
	6	RHAMNUS CATHARTICA	BUCKTHORN	12.0		F	1.2	S	NONE		P		
	7	RHAMNUS CATHARTICA	BUCKTHORN	17.0		F	1.7	S	NONE		P		
	8	RHAMNUS CATHARTICA	BUCKTHORN	14.0		F	1.4	S	NONE		P		
	9	RHAMNUS CATHARTICA	BUCKTHORN	10.0		F	1.0	S	NONE		P		
G30	1	PICEA GLAUCA	WHITE SPRUCE	22.5		F	2.3	S	NONE		P		
	2	PICEA GLAUCA	WHITE SPRUCE	31.5		G	3.2	S	NONE		P		
	3	(DEAD)		22.0		D		S	NONE		P		
G31	1	FRAXINUS AMERICANA	WHITE ASH	24.0		G	2.4	S	NONE		P		
	2	FRAXINUS AMERICANA	WHITE ASH	13.0		F	1.3	S	NONE		P		
	3	FRAXINUS AMERICANA	WHITE ASH	17.0		F	1.7	S	NONE		P		
	4	FRAXINUS AMERICANA	WHITE ASH	13.0		F	1.3	S	NONE		P		
G32	1	POPULUS BALSAMIFERA	BALSAM POPLAR	22.6		G	2.3	S	NONE		P		
	2	POPULUS BALSAMIFERA	BALSAM POPLAR	21.0		F	2.1	S	NONE		P		
G33	1	FRAXINUS AMERICANA	WHITE ASH	14.0		P	1.4	S	NONE		P		
	2	FRAXINUS AMERICANA	WHITE ASH	10.5		F	1.1	S	NONE		P		
	3	FRAXINUS AMERICANA	WHITE ASH	16.9		F	1.7	S	NONE		P		
G34	1	RHAMNUS CATHARTICA	BUCKTHORN	14.8		F	1.5	S	NONE		P		
	2	RHAMNUS CATHARTICA	BUCKTHORN	13.5		F	1.4	S	NONE		P		
	3	RHAMNUS CATHARTICA	BUCKTHORN	13.0		F	1.3	S	NONE		P		
	4	RHAMNUS CATHARTICA	BUCKTHORN	17.5		P	1.8	A	NONE		P		
	5	RHAMNUS CATHARTICA	BUCKTHORN	12.5		F	1.3	S	NONE		P		
	6	RHAMNUS CATHARTICA	BUCKTHORN	10.5		F	1.1	S	NONE		P		
	7	RHAMNUS CATHARTICA	BUCKTHORN	11.5		G	1.2	S	NONE		P		
	8	RHAMNUS CATHARTICA	BUCKTHORN	19.5		F	2.0	S	NONE		P		
	9	RHAMNUS CATHARTICA	BUCKTHORN	13.0		F	1.3	S	NONE		P		
	10	RHAMNUS CATHARTICA	BUCKTHORN	12.0		F	1.2	S	NONE		P		
	11	RHAMNUS CATHARTICA	BUCKTHORN	11.0		F	1.1	S	NONE		P		
	12	RHAMNUS CATHARTICA	BUCKTHORN	12.0		F	1.2	S	NONE		P		
G35	1	ACER NEGUNDO	BOXELDER MAPLE	18.0		F	1.8	S	NONE		P	SIGN BEND IN CENTRAL LEADER	
	2	ACER NEGUNDO	BOXELDER MAPLE	10.0		F	1.0	S	NONE		P	SIGN LEAN	
G36	1	RHAMNUS CATHARTICA	BUCKTHORN	24.1		F	2.4	S	NONE		P		
	2	RHAMNUS CATHARTICA	BUCKTHORN	15.5		P	1.6	S	NONE		P		
	3	RHAMNUS CATHARTICA	BUCKTHORN	16.0		F	1.6	S	NONE		P		

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP			
	4	RHAMNUS CATHARTICA	BUCKTHORN	21.3		F	2.1	A	NONE		P
	5	RHAMNUS CATHARTICA	BUCKTHORN	13.0		F	1.3	S	NONE		P
G37	1	ACER SACCHARUM	SUGAR MAPLE	13.0		F	1.3	S	NONE		P
	2	ACER SACCHARUM	SUGAR MAPLE	14.5		F	1.5	S	NONE		P
G40	1	RHAMNUS CATHARTICA	BUCKTHORN	17.5		F	1.8	S	NONE		P
	2	RHAMNUS CATHARTICA	BUCKTHORN	18.4		F	1.8	S	NONE		P
	3	RHAMNUS CATHARTICA	BUCKTHORN	10.0		F	1.0	S	NONE		P
G41	1	ACER SACCHARUM	SUGAR MAPLE	23.0		G	2.3	S	NONE		P
	2	ACER SACCHARUM	SUGAR MAPLE	51.0	✓	G	5.1	A	NONE		P
	3	ACER SACCHARUM	SUGAR MAPLE	38.5		F	3.9	S	NONE		P
	4	ACER SACCHARUM	SUGAR MAPLE	48.5		G	4.9	S	NONE		P
	5	ACER SACCHARUM	SUGAR MAPLE	32.0		F	3.2	S	NONE		P
	6	ACER SACCHARUM	SUGAR MAPLE	47.0		G	4.7	S	NONE		P
G42	1	FRAXINUS AMERICANA	WHITE ASH	31.5		F	3.2	S	NONE		P
	2	(DEAD)		19.0		D		S	NONE		P
G43	1	ACER SACCHARUM	SUGAR MAPLE	31.0		F	3.1	S	NONE		P
	2	ACER SACCHARUM	SUGAR MAPLE	35.0		G	3.5	S	NONE		P
	3	ACER SACCHARUM	SUGAR MAPLE	19.0		G	1.9	S	NONE		P
	4	ACER SACCHARUM	SUGAR MAPLE	27.0		G	2.7	S	NONE		P
	5	ACER SACCHARUM	SUGAR MAPLE	19.5		G	2.0	S	NONE		P SLIGHT LEAN
	6	ACER SACCHARUM	SUGAR MAPLE	25.5		P	2.3	S	NONE		P SIGN OF DEADWOOD IN CENTRAL LEADER
	7	ACER SACCHARUM	SUGAR MAPLE	44.0		F	4.4	S	NONE		P DEAD MAJOR LEADER, MIN BRANCH DAMAGE
G44	1	ACER NEGUNDO	BOXELDER MAPLE	42.2		F	4.2	S	NONE		P MOD TO SIGN LEAN; FUNGI EVIDENT
	2	ACER NEGUNDO	BOXELDER MAPLE	26.0		G	2.6	S	NONE		P SLIGHT LEAN
	3	ACER NEGUNDO	BOXELDER MAPLE	71.3	✓	F	7.1	S	NONE		P
G45	1	RHAMNUS CATHARTICA	BUCKTHORN	22.1		P	2.2	S	NONE		P
	2	RHAMNUS CATHARTICA	BUCKTHORN	10.5		F	1.1	S	NONE		P
	3	RHAMNUS CATHARTICA	BUCKTHORN	16.1		F	1.6	S	NONE		P
	4	RHAMNUS CATHARTICA	BUCKTHORN	20.8		F	2.1	S	NONE		P
G46	1	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	17.0		F	1.7	S	NONE		P
	2	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	34.8		G	3.5	S	NONE		P
	3	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	20.5		G	2.1	S	NONE		P
	4	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	20.5		F	2.1	S	NONE		P
G47	1	ACER SACCHARUM	SUGAR MAPLE	39.0		G	3.9	S	NONE		P
	2	ACER SACCHARUM	SUGAR MAPLE	14.5		G	1.5	S	NONE		P
	3	ACER SACCHARUM	SUGAR MAPLE	24.0		P	2.4	S	NONE		P
G48	1	POPULUS BALSAMIFERA	BALSAM POPLAR	23.3		F	2.4	S	NONE		P
	2	POPULUS BALSAMIFERA	BALSAM POPLAR	14.0		P	1.4	S	NONE		P
	3	POPULUS BALSAMIFERA	BALSAM POPLAR	50.2	✓	F	5.0	S	NONE		P
	4	POPULUS BALSAMIFERA	BALSAM POPLAR	30.0		P	3.0	S	NONE		P
G49	1	RHAMNUS CATHARTICA	BUCKTHORN	13.0		G	1.3	S	NONE		P
	2	RHAMNUS CATHARTICA	BUCKTHORN	24.5		G	2.5	S	NONE		P
G50	1	CARYA OVATA	SHAGBARK HICKORY	29.0		G	2.9	S	NONE		P
	2	CARYA OVATA	SHAGBARK HICKORY	18.5		P	1.9	S	NONE		P

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

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
	3	CARYA OVATA	SHAGBARK HICKORY	23.0		P	2.3	S	NONE		P	
G51	1	POPULUS BALSAMIFERA	BALSAM POPLAR	49.5		G	5.0	S	NONE		P	
	2	POPULUS BALSAMIFERA	BALSAM POPLAR	26.0		F	2.6	S	NONE		P	
G52	1	PINUS SYLVESTRIS	SCOTS PINE	22.5		G	2.3	A	NONE		P	
	2	PINUS SYLVESTRIS	SCOTS PINE	29.0		G	2.9	A	NONE		P	
	3	PINUS SYLVESTRIS	SCOTS PINE	22.0		P	2.2	A	NONE		P	
	4	(DEAD)		27.0		D		A	NONE		P	
G53	1	ACER NEGUNDO	BOXELDER MAPLE	27.2		F	2.7	A	NONE		P	
	2	ACER NEGUNDO	BOXELDER MAPLE	20.2		F	2.0	A	NONE		P	
	3	ACER NEGUNDO	BOXELDER MAPLE	18.0		F	1.8	A	NONE		P	
G54	1	RHAMNUS CATHARTICA	BUCKTHORN	12.0		P	1.2	A	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	12.0		F	1.2	A	NONE		P	
	3	RHAMNUS CATHARTICA	BUCKTHORN	11.0		F	1.1	A	NONE		P	
	4	RHAMNUS CATHARTICA	BUCKTHORN	18.0		P	1.8	A	NONE		P	
G55	1	POPULUS BALSAMIFERA	BALSAM POPLAR	26.3		P	2.6	A	NONE		P	CENTRAL LEADER DEAD/BROKEN
	2	POPULUS BALSAMIFERA	BALSAM POPLAR	26.0		F	2.6	A	NONE		P	
	3	POPULUS BALSAMIFERA	BALSAM POPLAR	25.0		P	2.5	A	NONE		P	CENTRAL LEADER ALMOST DEAD/ALMOST BROKEN
G56	1	RHAMNUS CATHARTICA	BUCKTHORN	19.1		P	1.9	A	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	12.0		F	1.2	A	NONE		P	
	3	RHAMNUS CATHARTICA	BUCKTHORN	17.0		F	1.7	A	NONE		P	
	4	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	A	NONE		P	
G57	1	PINUS SYLVESTRIS	SCOTS PINE	25.5		P	2.6	A	NONE		P	
	2	(DEAD)		27.5		D		A	NONE		P	
	3	PINUS SYLVESTRIS	SCOTS PINE	27.0		F	2.7	A	NONE		P	
	4	PINUS SYLVESTRIS	SCOTS PINE	19.5		F	2.0	A	NONE		P	
	5	PINUS SYLVESTRIS	SCOTS PINE	43.5		G	4.4	A	NONE		P	
	6	PINUS SYLVESTRIS	SCOTS PINE	32.0		G	3.2	A	NONE		P	
	7	PINUS SYLVESTRIS	SCOTS PINE	29.0		F	2.9	A	NONE		P	
	8	PINUS SYLVESTRIS	SCOTS PINE	29.0		F	2.9	A	NONE		P	
	9	PINUS SYLVESTRIS	SCOTS PINE	27.5		F	2.8	A	NONE		P	
	10	PINUS SYLVESTRIS	SCOTS PINE	38.0		G	3.8	A	NONE		P	
G58	1	FRAXINUS AMERICANA	WHITE ASH	46.5		F	4.7	S	NONE		P	
	2	FRAXINUS AMERICANA	WHITE ASH	54.5	✓	G	5.5	S	NONE		P	
	3	FRAXINUS AMERICANA	WHITE ASH	36.0		F	3.6	S	NONE		P	
	4	FRAXINUS AMERICANA	WHITE ASH	35.5		F	3.6	S	NONE		P	
G59	1	QUERCUS RUBRA	RED OAK	28.5		F	2.9	S	NONE		P	MODERATE BEND AT TOP OF LEADER
	2	QUERCUS RUBRA	RED OAK	26.5		F	2.7	S	NONE		P	MODERATE BEND AT TOP OF CANOPY
	3	QUERCUS RUBRA	RED OAK	24.5		F	2.5	S	NONE		P	MODERATE BEND AT TOP OF CANOPY
G60	1	PINUS STROBUS	EASTERN WHITE PINE	36.0		G	3.6	S	NONE		P	
	2	PINUS STROBUS	EASTERN WHITE PINE	34.5		G	3.5	S	NONE		P	
	3	PINUS STROBUS	EASTERN WHITE PINE	35.5		G	3.6	S	NONE		P	
	4	PINUS STROBUS	EASTERN WHITE PINE	33.0		G	3.3	S	NONE		P	
	5	PINUS STROBUS	EASTERN WHITE PINE	39.0		G	3.9	S	NONE		P	
	6	PINUS STROBUS	EASTERN WHITE PINE	33.5		G	3.4	S	NONE		P	

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
	7	PINUS STROBUS	EASTERN WHITE PINE	39.5		G	4.0	S	NONE		P	
	8	PINUS STROBUS	EASTERN WHITE PINE	25.0		F	2.5	S	NONE		P	
	9	PINUS STROBUS	EASTERN WHITE PINE	26.5		G	2.7	S	NONE		P	
	10	PINUS STROBUS	EASTERN WHITE PINE	34.0		F	3.4	S	NONE		P	
	11	PINUS STROBUS	EASTERN WHITE PINE	42.5		G	4.3	S	NONE		P	
G61	1	FRAXINUS AMERICANA	WHITE ASH	33.7		F	3.4	S	NONE		P	
	2	FRAXINUS AMERICANA	WHITE ASH	17.0		F	1.7	S	NONE		P	
	3	(DEAD)		14.0		D		S	NONE		P	
	4	(DEAD)		12.0		D		S	NONE		P	
	5	FRAXINUS AMERICANA	WHITE ASH	26.5		F	2.7	S	NONE		P	
G62	1	RHAMNUS CATHARTICA	BUCKTHORN	10.0		F	1.0	S	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	10.5		F	1.1	S	NONE		P	
	3	RHAMNUS CATHARTICA	BUCKTHORN	10.0		F	1.0	S	NONE		P	
	4	RHAMNUS CATHARTICA	BUCKTHORN	10.0		F	1.0	S	NONE		P	
	5	RHAMNUS CATHARTICA	BUCKTHORN	10.0		F	1.0	S	NONE		P	
	6	RHAMNUS CATHARTICA	BUCKTHORN	10.0		F	1.0	S	NONE		P	
	7	RHAMNUS CATHARTICA	BUCKTHORN	12.5		F	1.3	S	NONE		P	
	8	RHAMNUS CATHARTICA	BUCKTHORN	11.5		F	1.2	S	NONE		P	
G63	1	PINUS SYLVESTRIS	SCOTS PINE	17.0		F	1.7	S	NONE		P	CANOPY CONFINED TO TOP 20% WITH MOD BEND AT TOP
	2	PINUS SYLVESTRIS	SCOTS PINE	24.0		G	2.4	S	NONE		P	
	3	PINUS SYLVESTRIS	SCOTS PINE	24.0		F	2.4	S	NONE		P	BROWNING NEEDLES
	4	PINUS SYLVESTRIS	SCOTS PINE	36.0		F	3.6	S	NONE		P	
G64	1	PINUS STROBUS	EASTERN WHITE PINE	37.0		P	3.7	S	NONE		P	SIGN OF BROWNING; GREEN NEEDLES <10%
	2	PINUS STROBUS	EASTERN WHITE PINE	36.5		P	3.7	S	NONE		P	50% BROWNING
	3	PINUS STROBUS	EASTERN WHITE PINE	37.5		G	3.8	S	NONE		P	MINOR BROWNING
	4	PINUS STROBUS	EASTERN WHITE PINE	33.5		P	3.4	S	NONE		P	100% BROWNING, ALMOST DEAD
	5	PINUS STROBUS	EASTERN WHITE PINE	30.0		G	3.0	S	NONE		P	
G65	1	TILIA AMERICANA	BASSWOOD	28.0		F	2.8	S	NONE		P	
	2	TILIA AMERICANA	BASSWOOD	32.5		F	3.3	S	NONE		P	
G66	1	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	19.7		F	2.0	S	NONE		P	
	3	RHAMNUS CATHARTICA	BUCKTHORN	14.0		F	1.4	S	NONE		P	
	4	RHAMNUS CATHARTICA	BUCKTHORN	19.1		F	1.9	S	NONE		P	
	5	RHAMNUS CATHARTICA	BUCKTHORN	20.0		G	2.0	S	NONE		P	
	6	(DEAD)		17.0		D		S	NONE		P	
G67	1	(DEAD)		26.5		D		S	NONE		P	
	2	JUGLANS NIGRA	EASTERN BLACK WALNUT	56.5	✓	P	5.7	S	NONE		P	
	3	JUGLANS NIGRA	EASTERN BLACK WALNUT	34.1		G	3.4	S	NONE		P	
G68	1	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	3	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	4	RHAMNUS CATHARTICA	BUCKTHORN	22.0		F	2.2	S	NONE		P	
G69	1	PINUS SYLVESTRIS	SCOTS PINE	26.5		F	2.7	S	NONE		P	
	2	PINUS SYLVESTRIS	SCOTS PINE	22.0		P	2.2	S	NONE		P	

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
	3	PINUS SYLVESTRIS	SCOTS PINE	30.0		P	3.0	S	NONE		P	
	4	(DEAD)		39.0		D		S	NONE		P	
	5	PINUS SYLVESTRIS	SCOTS PINE	31.0		G	3.1	S	NONE		P	
G70	1	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	11.0		F	1.1	S	NONE		P	
	3	RHAMNUS CATHARTICA	BUCKTHORN	12.5		G	1.3	S	NONE		P	
	4	RHAMNUS CATHARTICA	BUCKTHORN	11.0		G	1.1	S	NONE		P	
G71	1	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	15.0		G	1.5	S	NONE		P	
	3	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	4	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	5	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	6	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
G72	1	FRAXINUS AMERICANA	WHITE OAK	37.0		D		S	NONE		P	
	2	FRAXINUS AMERICANA	WHITE OAK	28.0		G	2.8	S	NONE		P	
	3	FRAXINUS AMERICANA	WHITE OAK	12.0		D		S	NONE		P	
	4	FRAXINUS AMERICANA	WHITE OAK	16.6		P	1.7	S	NONE		P	
G74	1	ACER SACCHARUM	SUGAR MAPLE	25.0		F	2.5	S	NONE		P	
	2	ACER SACCHARUM	SUGAR MAPLE	33.0		G	3.3	S	NONE		P	
G75	1	PINUS SYLVESTRIS	SCOTS PINE	31.5		G	3.2	A	NONE		P	
	2	PINUS SYLVESTRIS	SCOTS PINE	33.0		G	3.3	A	NONE		P	
	3	PINUS SYLVESTRIS	SCOTS PINE	31.0		G	3.1	A	NONE		P	
	4	PINUS SYLVESTRIS	SCOTS PINE	36.5		F	3.7	A	NONE		P	
	5	PINUS SYLVESTRIS	SCOTS PINE	24.0		P	2.4	A	NONE		P	
	6	PINUS SYLVESTRIS	SCOTS PINE	32.5		G	3.3	A	NONE		P	
	7	PINUS SYLVESTRIS	SCOTS PINE	38.5		G	3.9	A	NONE		P	
	8	PINUS SYLVESTRIS	SCOTS PINE	35.0		F	3.5	A	NONE		P	
	9	PINUS SYLVESTRIS	SCOTS PINE	30.5		F	3.1	A	NONE		P	
	10	PINUS SYLVESTRIS	SCOTS PINE	36.5		G	3.7	A	NONE		P	
	11	PINUS SYLVESTRIS	SCOTS PINE	43.0		G	4.3	A	NONE		P	
	12	PINUS SYLVESTRIS	SCOTS PINE	37.0		G	3.7	A	NONE		P	
	13	PINUS SYLVESTRIS	SCOTS PINE	32.5		G	3.3	A	NONE		P	
	14	PINUS SYLVESTRIS	SCOTS PINE	46.5		G	4.7	A	NONE		P	
	15	(DEAD)		29.0		D		A	NONE		P	
16	PINUS SYLVESTRIS	SCOTS PINE	28.0		F	2.8	A	NONE		P		
17	PINUS SYLVESTRIS	SCOTS PINE	32.0		G	3.2	A	NONE		P		
18	PINUS SYLVESTRIS	SCOTS PINE	46.0		G	4.6	A	NONE		P		
19	PINUS SYLVESTRIS	SCOTS PINE	46.0		F	4.6	A	NONE		P		
20	PINUS SYLVESTRIS	SCOTS PINE	35.0		F	3.5	A	NONE		P		
21	PINUS SYLVESTRIS	SCOTS PINE	33.0		G	3.3	A	NONE		P		
22	PINUS SYLVESTRIS	SCOTS PINE	28.0		F	2.8	A	NONE		P		
23	PINUS SYLVESTRIS	SCOTS PINE	46.0		G	4.6	A	NONE		P		
24	PINUS SYLVESTRIS	SCOTS PINE	22.0		F	2.2	A	NONE		P		
25	PINUS SYLVESTRIS	SCOTS PINE	23.0		P	2.3	A	NONE		P		

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal		Tree Injury							REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
	BOTANICAL NAME	COMMON NAME	DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP	IMPACTS OF DEVELOPMENT				
26	PINUS SYLVESTRIS	SCOTS PINE	30.5		F	3.1	A	NONE		P		
	27	PINUS SYLVESTRIS	SCOTS PINE	32.5		G	3.3	A	NONE		P	
	28	PINUS SYLVESTRIS	SCOTS PINE	41.5		G	4.2	A	NONE		P	
	29	PINUS SYLVESTRIS	SCOTS PINE	67.0	✓	G	6.7	A	NONE		P	
	30	PINUS SYLVESTRIS	SCOTS PINE	35.5		F	3.6	A	NONE		P	
	31	PINUS SYLVESTRIS	SCOTS PINE	32.0		P	3.2	A	NONE		P	
	32	PINUS SYLVESTRIS	SCOTS PINE	41.0		G	4.1	A	NONE		P	
G77	1	PICEA GLAUCA	WHITE SPRUCE	29.9		P	3.0	A	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	58.5	✓	G	5.9	A	NONE		P	
	3	PICEA GLAUCA	WHITE SPRUCE	15.0		P	1.5	A	NONE		P	
	4	PICEA GLAUCA	WHITE SPRUCE	29.0		F	2.9	A	NONE		P	
	5	PICEA GLAUCA	WHITE SPRUCE	22.5		P	2.3	A	NONE		P	
	6	PICEA GLAUCA	WHITE SPRUCE	43.5		G	4.4	A	NONE		P	
	7	PICEA GLAUCA	WHITE SPRUCE	23.2		F	2.4	A	NONE		P	
	8	PICEA GLAUCA	WHITE SPRUCE	16.0		P	1.6	A	NONE		P	
	9	PICEA GLAUCA	WHITE SPRUCE	23.3		G	2.4	A	NONE		P	
	10	PICEA GLAUCA	WHITE SPRUCE	17.5		P	1.8	A	NONE		P	
	11	PICEA GLAUCA	WHITE SPRUCE	11.5		F	1.2	A	NONE		P	
G78	1	ACER SACCHARUM	SCOTS PINE	44.5		F	4.5	A	NONE		P	
	2	ACER SACCHARUM	SCOTS PINE	32.5		G	3.3	A	NONE		P	
	3	ACER SACCHARUM	SCOTS PINE	40.0		G	4.0	A	NONE		P	
	4	ACER SACCHARUM	SCOTS PINE	43.5		P	4.4	A	NONE		P	
	5	ACER SACCHARUM	SCOTS PINE	42.0		G	4.2	A	NONE		P	
	6	ACER SACCHARUM	SCOTS PINE	42.5		G	4.3	A	NONE		P	
G79	1	ACER SACCHARUM	SUGAR MAPLE	49.5		G	5.0	A	NONE		P	
	2	ACER SACCHARUM	SUGAR MAPLE	57.0	✓	G	5.7	A	NONE		P	
G80	1	PINUS SYLVESTRIS	SCOTS PINE	49.5		G	5.0	A	NONE		P	
	2	PINUS SYLVESTRIS	SCOTS PINE	37.0		G	3.7	A	NONE		P	
G81	1	PICEA GLAUCA	WHITE SPRUCE	21.5		F	2.2	A	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	38.0		G	3.8	A	NONE		P	
	3	(DEAD)		22.5		D		A	NONE		P	
	5	PICEA GLAUCA	WHITE SPRUCE	24.0		F	2.4	A	NONE		P	
	5	PICEA GLAUCA	WHITE SPRUCE	18.0		P	1.8	A	NONE		P	
	6	(DEAD)		15.5		D		A	NONE		P	
G82	1	PINUS SYLVESTRIS	SCOTS PINE	29.0		G	2.9	A	NONE		P	
	2	PINUS SYLVESTRIS	SCOTS PINE	31.5		G	3.2	A	NONE		P	
	3	PINUS SYLVESTRIS	SCOTS PINE	42.0		F	4.2	A	NONE		P	
	4	PINUS SYLVESTRIS	SCOTS PINE	47.5		F	4.8	A	NONE		P	
	5	PINUS SYLVESTRIS	SCOTS PINE	37.0		F	3.7	A	NONE		P	
	6	PINUS SYLVESTRIS	SCOTS PINE	39.5		F	4.0	A	NONE		P	
	7	PINUS SYLVESTRIS	SCOTS PINE	28.5		F	2.9	A	NONE		P	
	8	PINUS SYLVESTRIS	SCOTS PINE	42.0		G	4.2	A	NONE		P	
	9	PINUS SYLVESTRIS	SCOTS PINE	39.9		F	4.0	A	NONE		P	
G83	1	PICEA GLAUCA	WHITE SPRUCE	21.0		F	2.1	A	NONE		P	

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
		PICEA GLAUCA	WHITE SPRUCE	28.5		F	2.9	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	23.5		F	2.4	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	24.0		F	2.4	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	28.5		F	2.9	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	25.0		F	2.5	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	39.9		G	4.0	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	23.0		F	2.3	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	39.0		F	3.9	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	28.5		F	2.9	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	50.0	✓	F	5.0	A	NONE		P	
G84		PICEA GLAUCA	WHITE SPRUCE	26.0		P	2.6	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	32.0		G	3.2	A	NONE		P	
		(DEAD)		16.0		D		A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	23.5		G	2.4	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	23.0		F	2.3	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	25.0		F	2.5	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	25.0		F	2.5	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	24.0		F	2.4	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	16.0		P	1.6	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	17.5		F	1.8	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	27.6		P	2.8	A	NONE		P	
		PICEA GLAUCA	WHITE SPRUCE	23.8		P	2.4	A	NONE		P	
G85		PINUS NIGRA	AUSTRIAN PINE	56.0	✓	G	5.6	A	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	54.2	✓	G	5.4	A	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	53.5	✓	G	5.4	A	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	50.0	✓	G	5.0	A	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	52.5	✓	F	5.3	A	NONE		P	
G86		MALUS SP	APPLE TREE	39.0		P	3.9	A	NONE		P	
		(DEAD)		18.0		D		A	NONE		P	
		MALUS SP	APPLE TREE	44.3		F	4.4	A	NONE		P	
G87		PINUS NIGRA	AUSTRIAN PINE	39.0		F	3.9	S	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	36.5		F	3.7	S	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	46.0		F	4.6	S	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	44.5		G	4.5	S	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	36.5		G	3.7	S	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	42.5		F	4.3	S	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	46.5		G	4.7	S	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	47.5		G	4.8	S	NONE		P	
		PINUS NIGRA	AUSTRIAN PINE	51.0	✓	G	5.1	S	NONE		P	
G88		ACER SACCHARINUM	SILVER MAPLE	62.5	✓	G	6.3	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R	
		ACER SACCHARINUM	SILVER MAPLE	35.5		G	3.6	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R	
		ACER SACCHARINUM	SILVER MAPLE	55.0	✓	G	5.5	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R	
		ACER SACCHARINUM	SILVER MAPLE	46.0		G	4.6	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R	
		ACER SACCHARINUM	SILVER MAPLE	62.5	✓	G	6.3	S	NONE		P	

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
	6	ACER SACCHARINUM	SILVER MAPLE	74.0	✓	F	7.4	S	NONE		P	
	7	ACER SACCHARINUM	SILVER MAPLE	52.5	✓	G	5.3	S	NONE		P	
G89	a	MALUS SP	APPLE TREE	20.0		G	2.0	A	NONE		P	MODERATE LEAN
	b	MALUS SP	APPLE TREE	15.0		G	1.5	A	NONE		P	SLIGHT LEAN
G90	1	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	15.0		F	1.5	S	NONE		P	
	2	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	15.0		P	1.5	S	NONE		P	
G91	a	JUGLANS NIGRA	EASTERN BLACK WALNUT	25.0		F	2.5	A	NONE		P	CENTRAL LEADER BROKEN
	b	JUGLANS NIGRA	EASTERN BLACK WALNUT	55.0	✓	G	5.5	A	NONE		P	
	c	JUGLANS NIGRA	EASTERN BLACK WALNUT	30.0		F	3.0	A	NONE		P	
G92	a	RHAMNUS CATHARTICA	BUCKTHORN	25.5		G	2.6	A	NONE		P	
	b	RHAMNUS CATHARTICA	BUCKTHORN	19.2		F	1.9	A	NONE		P	
G93	1	FRAXINUS AMERICANA	WHITE ASH	45.0		F	4.5	A	NONE		P	
	2	FRAXINUS AMERICANA	WHITE ASH	25.0		F	2.5	A	NONE		P	
	3	FRAXINUS AMERICANA	WHITE ASH	30.0		F	3.0	A	NONE		P	
G94	1	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	28.3		F	2.8	A	NONE		P	
	2	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	13.0		F	1.3	A	NONE		P	
	3	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	20.0		F	2.0	A	NONE		P	
G95	1	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	15.0		G	1.5	S	NONE		P	
	2	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	25.0		G	2.5	S	NONE		P	
	3	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	20.0		F	2.0	S	NONE		P	
	4	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	15.0		F	1.5	S	NONE		P	
	5	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	25.0		F	2.5	S	NONE		P	
	6	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	20.0		P	2.0	S	NONE		P	EMBEDDED IN FENCE
	7	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	20.0		F	2.0	S	NONE		P	EMBEDDED IN FENCE
	8	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	15.0		P	1.5	S	NONE		P	SIGN LEAN
	9	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	15.0		F	1.5	S	NONE		P	TRUNK DAMAGE
	10	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	20.0		F	2.0	S	NONE		P	SMALLER LEADER WITH NO CANOPY TOP 10%
	11	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	15.0		P	1.5	S	NONE		P	MODERATE LEAN
	12	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	25.0		F	2.5	S	NONE		P	
G96	1	ACER SACCHARUM	SUGAR MAPLE	15.0		G	1.5	A	NONE		P	
	2	ACER SACCHARUM	SUGAR MAPLE	30.0		G	3.0	A	NONE		P	
G97	1	QUERCUS RUBRA	RED OAK	20.0		F	2.0	A	NONE		P	
	2	QUERCUS RUBRA	RED OAK	40.0		P	4.0	A	NONE		P	
G98	1	POPULUS BALSAMIFERA	BALSAM POPLAR	30.0		F	3.0	S	NONE		P	
	2	POPULUS BALSAMIFERA	BALSAM POPLAR	50.0	✓	P	5.0	S	NONE		P	
G99	1	QUERCUS RUBRA	RED OAK	20.5		G	2.1	S	IMPACTED	RIGHT-OF-WAY REDEVELOPMENT	R	
	2	QUERCUS RUBRA	RED OAK	30.0		G	3.0	S	NONE		P	
	3	QUERCUS RUBRA	RED OAK	27.0		G	2.7	S	NONE		P	
	4	QUERCUS RUBRA	RED OAK	21.0		G	2.1	S	NONE		P	
	5	QUERCUS RUBRA	RED OAK	23.0		G	2.3	S	NONE		P	
G100	1	QUERCUS PALUSTRIS	NORTHERN PIN OAK	9.0		G	0.9	S	NONE		P	
	2	QUERCUS PALUSTRIS	NORTHERN PIN OAK	7.0		G	0.7	S	NONE		P	
	3	QUERCUS PALUSTRIS	NORTHERN PIN OAK	5.0		G	0.5	S	NONE		P	
	4	QUERCUS PALUSTRIS	NORTHERN PIN OAK	5.0		G	0.5	S	NONE		P	

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

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
	5	QUERCUS PALUSTRIS	NORTHERN PIN OAK	5.0		G	0.5	S	NONE		P	
G101	1	FRAXINUS AMERICANA	WHITE ASH	24.0		F	2.4	S	NONE		P	
	2	FRAXINUS AMERICANA	WHITE ASH	24.0		F	2.4	S	NONE		P	
G102	1	QUERCUS RUBRA	RED OAK	28.0		G	2.8	S	NONE		P	
	2	QUERCUS RUBRA	RED OAK	27.0		G	2.7	S	NONE		P	
	3	QUERCUS RUBRA	RED OAK	27.5		G	2.8	S	NONE		P	
	4	QUERCUS RUBRA	RED OAK	19.0		F	1.9	S	NONE		P	
	5	QUERCUS RUBRA	RED OAK	21.0		G	2.1	S	NONE		P	
G103	1	ACER RUBRUM	RED MAPLE	57.5	✓	F	5.8	S	NONE		P	OLD TAG 199, BROKEN/DEAD LIMBS
	2	ACER RUBRUM	RED MAPLE	50.5	✓	F	5.1	S	NONE		P	LEADER DEAD;TRUNK OPEN FROM CROWN TO BASE WITH WOUND WOOD
G104	1	PRUNUS SP	CHERRY TREE	12.5		F	1.3	S	NONE		P	BLACK KNOT 20% OF CROWN
	2	PRUNUS SP	CHERRY TREE	14.0		F	1.4	S	NONE		P	BLACK KNOT 15% OF CROWN
	3	PRUNUS SP	CHERRY TREE	12.0		F	1.2	S	NONE		P	BLACK KNOT 10% OF CROWN
G105	1	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	24.0		G	2.4	S	NONE		P	
	2	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	32.0		G	3.2	S	NONE		P	
	3	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	31.0		G	3.1	S	NONE		P	
	4	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	34.0		G	3.4	S	NONE		P	
	5	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	30.5		G	3.1	S	NONE		P	
	6	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	31.5		G	3.2	S	NONE		P	
	7	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	34.5		G	3.4	S	NONE		P	
G106	1	AESCLUSUS GLABRA	OHIO BUCKEYE	23.0		G	2.3	S	NONE		P	
	2	AESCLUSUS GLABRA	OHIO BUCKEYE	23.0		G	2.3	S	NONE		P	
	3	AESCLUSUS GLABRA	OHIO BUCKEYE	21.5		G	2.2	S	NONE		P	
	4	AESCLUSUS GLABRA	OHIO BUCKEYE	23.0		G	2.3	S	NONE		P	
	5	AESCLUSUS GLABRA	OHIO BUCKEYE	23.0		G	2.3	S	NONE		P	
	6	AESCLUSUS GLABRA	OHIO BUCKEYE	22.5		G	2.3	S	NONE		P	
	7	AESCLUSUS GLABRA	OHIO BUCKEYE	27.5		G	2.8	S	NONE		P	
G107	1	PICEA GLAUCA	WHITE SPRUCE	34.0		F	3.4	S	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	41.0		G	4.1	S	NONE		P	
	3	PICEA GLAUCA	WHITE SPRUCE	34.0		G	3.4	S	NONE		P	
G108	1	PICEA GLAUCA	WHITE SPRUCE	30.0		F	3.0	S	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	32.0		G	3.2	S	NONE		P	
	3	PICEA GLAUCA	WHITE SPRUCE	40.0		G	4.0	S	NONE		P	
	4	PICEA GLAUCA	WHITE SPRUCE	23.0		P	2.3	S	NONE		P	OLD TAG 778
	5	PICEA GLAUCA	WHITE SPRUCE	25.5		P	2.6	S	NONE		P	
	6	PICEA GLAUCA	WHITE SPRUCE	32.0		G	3.2	S	NONE		P	
	7	PICEA GLAUCA	WHITE SPRUCE	28.0		F	2.8	S	NONE		P	
	8	PICEA GLAUCA	WHITE SPRUCE	27.0		F	2.7	S	NONE		P	
G109	1	PICEA GLAUCA	WHITE SPRUCE	30.0		G	3.0	S	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	30.0		G	3.0	S	NONE		P	
	3	PICEA GLAUCA	WHITE SPRUCE	21.5		F	2.2	S	NONE		P	
	4	PICEA GLAUCA	WHITE SPRUCE	28.5		F	2.9	S	NONE		P	
G110	1	ACER GINNALA	AMUR MAPLE	14.0		F	1.4	S	NONE		P	IN PLANTERS WITH SMALLER 2 COMMON LILAC 10 DBH
	2	ACER GINNALA	AMUR MAPLE	15.0		F	1.5	S	NONE		P	3 AMUR MAPLE, 2 COMMON LILAC IN PLANTERS

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
	3	ACER GINNALA	AMUR MAPLE	35.0		G	3.5	S	LIMITED	RIGHT-OF-WAY REVELOPMENT	I	COULDN'T ACCES TO TAG, IN PLANTER
	4	ACER GINNALA	AMUR MAPLE	10.0		G	1.0	S	NONE		P	2 AMUR, 1 COMMON LILAC, COULDN'T TAG, IN PLANTERS
G111	1	PICEA GLAUCA	WHITE SPRUCE	42.0		F	4.2	S	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	27.0		F	2.7	S	NONE		P	
	3	PICEA GLAUCA	WHITE SPRUCE	17.0		P	1.7	S	NONE		P	
G112	1	PICEA GLAUCA	WHITE SPRUCE	26.0		G	2.6	S	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	27.0		F	2.7	S	NONE		P	
	3	PICEA GLAUCA	WHITE SPRUCE	31.0		G	3.1	S	NONE		P	
	4	PICEA GLAUCA	WHITE SPRUCE	25.0		G	2.5	S	NONE		P	
G113	1	PICEA GLAUCA	WHITE SPRUCE	30.0		G	3.0	S	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	33.0		G	3.3	S	NONE		P	
	3	PICEA GLAUCA	WHITE SPRUCE	33.0		G	3.3	S	NONE		P	
	4	PICEA GLAUCA	WHITE SPRUCE	31.0		G	3.1	S	NONE		P	
	5	PICEA GLAUCA	WHITE SPRUCE	19.0		G	1.9	S	NONE		P	
	6	PICEA GLAUCA	WHITE SPRUCE	32.0		G	3.2	S	NONE		P	
	7	PICEA GLAUCA	WHITE SPRUCE	28.0		P	2.8	S	NONE		P	
G114	1	ACER NEGUNDO	BOXELDER MAPLE	16.5		G	1.7	S	NONE		P	
	2	ACER NEGUNDO	BOXELDER MAPLE	11.0		G	1.1	S	NONE		P	
G115	1	FRAXINUS AMERICANA	WHITE ASH	18.0		F	1.8	S	NONE		P	EAB EVIDENCE IN BARK
	2	FRAXINUS AMERICANA	WHITE ASH	10.0		F	1.0	S	NONE		P	EAB EVIDENCE
G116	1	ACER PLATANOIDES	NORWAY MAPLE	12.5		F	1.3	S	NONE		P	
	2	ACER PLATANOIDES	NORWAY MAPLE	21.5		F	2.2	S	NONE		P	INCLUDED BARK AT BASE
G117	1	QUERCUS RUBRA	RED OAK	58.0	✓	G	5.8	S	NONE		P	10% DEADWOOD
	2	QUERCUS RUBRA	RED OAK	45.0		G	4.5	S	NONE		P	
	3	QUERCUS RUBRA	RED OAK	72.0	✓	G	7.2	S	NONE		P	
G118	1	QUERCUS PALUSTRIS	NORTHERN PIN OAK	14.0		G	1.4	S	NONE		P	
	2	QUERCUS PALUSTRIS	NORTHERN PIN OAK	18.5		G	1.9	S	NONE		P	
G119	1	ACER PLATANOIDES	NORWAY MAPLE	39.0		P	3.9	S	NONE		P	PRUNING CUTS NOT HEALING. 20% DEADWOOD
	2	ACER PLATANOIDES	NORWAY MAPLE	43.0		P	4.3	S	NONE		P	LEADER DEAD AND ROTTING. 30% DEADWOOD
G120	1	FRAXINUS AMERICANA	WHITE ASH	38.5		F	3.9	S	NONE		P	OLD TAG 277. 20% DEADWOOD
	2	FRAXINUS AMERICANA	WHITE ASH	29.0		F	2.9	S	NONE		P	OLD TAG 267
	3	FRAXINUS AMERICANA	WHITE ASH	28.0		P	2.8	S	NONE		P	OLD TAG 273. 40% DEADWOOD
	4	FRAXINUS AMERICANA	WHITE ASH	39.0		F	3.9	S	NONE		P	OLD TAG 272
	5	FRAXINUS AMERICANA	WHITE ASH	45.0		P	4.5	S	NONE		P	LEADER DEAD , 40% DEADWOOD
	6	FRAXINUS AMERICANA	WHITE ASH	38.0		P	3.8	S	NONE		P	OLD TAG 270, 40% DEADWOOD
G121	1	QUERCUS ROBUR 'FASTIGIATA'	PYRAMINDAL ENGLISH OAK	8.0		G	0.8	S	NONE		P	
	2	QUERCUS ROBUR 'FASTIGIATA'	PYRAMINDAL ENGLISH OAK	10.0		G	1.0	S	NONE		P	
G122	1	PICEA GLAUCA	WHITE SPRUCE	13.0		G	1.3	S	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	10.0		F	1.0	S	NONE		P	
G123	1	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	2	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	3	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
	4	RHAMNUS CATHARTICA	BUCKTHORN	15.0		F	1.5	S	NONE		P	
G124	1	MALUS SP	APPLE TREE	20.0		G	2.0	S	NONE		P	

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

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
	2	MALUS SP	APPLE TREE	15.0		G	1.5	S	NONE		P	
	3	MALUS SP	APPLE TREE	12.0		P	1.2	S	NONE		P	
G125	1	ACER PLATANOIDES	NORWAY MAPLE	22.5		F	2.3	S	NONE		P	
	2	ACER PLATANOIDES	NORWAY MAPLE	30.0		F	3.0	S	NONE		P	
G126	1	PINUS NIGRA	AUSTRIAN PINE	27.0		F	2.7	S	NONE		P	
	2	PINUS NIGRA	AUSTRIAN PINE	34.5		G	3.5	S	NONE		P	
	3	PINUS NIGRA	AUSTRIAN PINE	27.0		F	2.7	S	NONE		P	
	4	PINUS NIGRA	AUSTRIAN PINE	32.5		P	3.3	S	NONE		P	OLD TAG 238, ALL NEEDLES ARE BROWN
G127	1	PINUS MUGO	MUGO PINE	13.0		F	1.3	S	NONE		P	
	2	PINUS MUGO	MUGO PINE	14.0		F	1.4	S	NONE		P	INCLUDED BARK AT BASE
G128	1	BETULA PAPYRIFERA	WHITE BIRCH	19.0		F	1.9	S	NONE		P	
	2	BETULA PAPYRIFERA	WHITE BIRCH	19.5		F	2.0	S	NONE		P	
G129	1	PINUS NIGRA	AUSTRIAN PINE	29.5		G	3.0	S	NONE		P	
	2	PINUS NIGRA	AUSTRIAN PINE	31.0		G	3.1	S	NONE		P	
G130	1	PINUS NIGRA	AUSTRIAN PINE	45.0		G	4.5	S	NONE		P	
	2	PINUS NIGRA	AUSTRIAN PINE	37.0		G	3.7	S	NONE		P	OLD TAG 217
G131	1	CELTIS OCCIDENTALIS	COMMON HACKBERRY	27.0		G	2.7	S	NONE		P	
	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	28.0		G	2.8	S	NONE		P	
	3	CELTIS OCCIDENTALIS	COMMON HACKBERRY	28.5		G	2.9	S	NONE		P	
	4	CELTIS OCCIDENTALIS	COMMON HACKBERRY	26.0		G	2.6	S	NONE		P	
	5	CELTIS OCCIDENTALIS	COMMON HACKBERRY	19.5		F	2.0	S	NONE		P	TORN BRANCH DAMAGE EXTENDING FROM TRUNK TO CROWN
G132	1	PICEA ABIES	NORWAY SPRUCE	10.0		G	1.0	S	NONE		P	
	2	PICEA ABIES	NORWAY SPRUCE	10.0		G	1.0	S	NONE		P	
	3	PICEA ABIES	NORWAY SPRUCE	10.0		G	1.0	S	NONE		P	
	4	PICEA ABIES	NORWAY SPRUCE	10.0		G	1.0	S	NONE		P	
	5	PICEA ABIES	NORWAY SPRUCE	10.0		F	1.0	S	NONE		P	
G133	1	QUERCUS RUBRA	RED OAK	25.0		G	2.5	S	NONE		P	
	2	QUERCUS RUBRA	RED OAK	28.0		G	2.8	S	NONE		P	
	3	QUERCUS RUBRA	RED OAK	30.0		G	3.0	S	NONE		P	
	4	QUERCUS RUBRA	RED OAK	30.0		G	3.0	S	NONE		P	
G134	1	QUERCUS RUBRA	RED OAK	28.0		G	2.8	S	NONE		P	
	2	QUERCUS RUBRA	RED OAK	18.0		G	1.8	S	NONE		P	
	3	QUERCUS RUBRA	RED OAK	24.0		G	2.4	S	NONE		P	
	4	QUERCUS RUBRA	RED OAK	13.0		G	1.3	S	IMPACTED	RIGHT-OF-WAY REVELOPMENT	R	
	5	QUERCUS RUBRA	RED OAK	18.0		G	1.8	S	NONE		P	
G135	1	ACER RUBRUM	RED MAPLE	15.0		G	1.5	S	LIMITED	RIGHT-OF-WAY REVELOPMENT	I	LOW BRANCHING
	2	ACER RUBRUM	RED MAPLE	29.0		F	2.9	S	LIMTIED	RIGHT-OF-WAY REVELOPMENT	I	LARGE FROST CRACK OPEN BUT HEALING
G136	1	TILIA CORDATA	LITTLE LEAVED LINDEN	65.5	✓	G	6.6	S	NONE		P	LOW BRANCHING
	2	TILIA CORDATA	LITTLE LEAVED LINDEN	61.5	✓	F	6.2	S	NONE		P	LARGE FROST CRACK OPEN BUT HEALING
G137	1	PICEA GLAUCA	WHITE SPRUCE	32.0		G	3.2	S	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	15.0		P	1.5	S	NONE		P	
G138	1	PICEA GLAUCA	WHITE SPRUCE	16.0		P	1.6	S	NONE		P	
	2	PICEA GLAUCA	WHITE SPRUCE	17.0		F	1.7	S	NONE		P	
	3	PICEA GLAUCA	WHITE SPRUCE	18.5		F	1.9	S	NONE		P	NEEDLES YELLOWING

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

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
G139	1	ACER NEGUNDO	BOXELDER MAPLE	22.4		G	2.3	S	NONE		P	
	2	ACER NEGUNDO	BOXELDER MAPLE	25.9		G	2.6	S	NONE		P	
	3	ACER NEGUNDO	BOXELDER MAPLE	28.7		G	2.9	S	NONE		P	
	4	ACER NEGUNDO	BOXELDER MAPLE	26.7		G	2.7	S	NONE		P	
G140	1	PICEA PUNGENS	COLORADO BLUE SPRUCE	28.0		G	2.8	S	NONE		P	
	2	PICEA PUNGENS	COLORADO BLUE SPRUCE	25.0		G	2.5	S	NONE		P	
	3	PICEA PUNGENS	COLORADO BLUE SPRUCE	28.0		G	2.8	S	NONE		P	
	4	PICEA PUNGENS	COLORADO BLUE SPRUCE	17.0		F	1.7	S	NONE		P	
	5	PICEA PUNGENS	COLORADO BLUE SPRUCE	28.0		F	2.8	S	NONE		P	
G141	1	QUERCUS RUBRA	RED OAK	28.5		G	2.9	S	NONE		P	
	2	QUERCUS RUBRA	RED OAK	35.5		G	3.6	S	NONE		P	
G142	1	ULMUS AMERICANA	AMERICAN ELM	29.5		F	3.0	S	NONE		P	
	2	ULMUS AMERICANA	AMERICAN ELM	27.0		F	2.7	S	NONE		P	
	3	ULMUS AMERICANA	AMERICAN ELM	21.0		P	2.1	S	NONE		P	
G143	a	PICEA GLAUCA	WHITE SPRUCE	14.0		P	1.4	S	NONE		P	
	b	PICEA GLAUCA	WHITE SPRUCE	14.0		P	1.4	S	NONE		P	
G144	1	PINUS SYLVESTRIS	SCOTS PINE	43.0		G	4.3	S	NONE		P	MODERATE LEAN
	2	PINUS SYLVESTRIS	SCOTS PINE	34.0		G	3.4	S	LIMITED	RIGHT-OF-WAY REVELOPMENT	I	
	3	PINUS SYLVESTRIS	SCOTS PINE	39.0		G	3.9	S	IMPACTED	RIGHT-OF-WAY REVELOPMENT	R	
	4	PINUS SYLVESTRIS	SCOTS PINE	34.5		G	3.5	S	IMPACTED	RIGHT-OF-WAY REVELOPMENT	R	SLIGHT LEAN
G145	1	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	14.0		G	1.4	S	NONE		P	
	2	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	27.0		G	2.7	S	NONE		P	
G146	1	MALUS SP	APPLE TREE	22.0		G	2.2	S	NONE		P	
	2	MALUS SP	APPLE TREE	21.0		G	2.1	S	NONE		P	
G147	1	QUERCUS RUBRA	RED OAK	18.5		G	1.9	S	IMPACTED	RIGHT-OF-WAY REVELOPMENT	R	
	2	QUERCUS RUBRA	RED OAK	19.0		G	1.9	S	IMPACTED	RIGHT-OF-WAY REVELOPMENT	R	
G148	1	QUERCUS ELLISOIDALLIS	NORTHERN PIN OAK	5.0		G	0.5	S	NONE		P	
	2	QUERCUS ELLISOIDALLIS	NORTHERN PIN OAK	5.0		G	0.5	S	NONE		P	
	3	QUERCUS ELLISOIDALLIS	NORTHERN PIN OAK	5.0		G	0.5	S	NONE		P	
	4	QUERCUS ELLISOIDALLIS	NORTHERN PIN OAK	5.0		G	0.5	S	NONE		P	
G149	1	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	14.0		G	1.4	S	NONE		P	
	2	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	19.0		G	1.9	S	NONE		P	
G150	1	AMELANCHIER ARBOREA	DOWNY SERVICEBERRY	11.0		G	1.1	S	NONE		P	
	2	AMELANCHIER ARBOREA	DOWNY SERVICEBERRY	10.0		G	1.0	S	IMPACTED	RIGHT-OF-WAY REVELOPMENT	R	
G151	1	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	21.0		G	2.1	S	IMPACTED	RIGHT-OF-WAY REVELOPMENT	R	
	2	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	21.0		G	2.1	S	IMPACTED	RIGHT-OF-WAY REVELOPMENT	R	
	3	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	21.0		G	2.1	S	NONE		P	
	4	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	20.0		G	2.0	S	NONE		P	
	5	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	20.0		G	2.0	S	NONE		P	
	6	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	21.0		G	2.1	S	NONE		P	
	7	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	11.0		G	1.1	S	NONE		P	
G152	1	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	20.0		G	2.0	S	NONE		P	
	2	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	10.0		G	1.0	S	NONE		P	
	3	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	21.0		G	2.1	S	NONE		P	

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
G153	1	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	33.0		G	3.3	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	2	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	26.0		G	2.6	S	NONE		P	
	3	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	25.0		G	2.5	S	NONE		P	
	4	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	30.0		G	3.0	S	NONE		P	
	5	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	30.5		G	3.0	S	NONE		P	
	6	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	32.0		G	3.2	S	NONE		P	
	7	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	14.0		G	1.4	S	NONE		P	
	8	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	16.0		G	1.6	S	NONE		P	
	9	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	28.0		G	2.8	S	NONE		P	
	10	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	33.0		G	3.3	S	NONE		P	
	11	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	22.5		G	2.3	S	NONE		P	
	12	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	32.0		G	3.2	S	NONE		P	
	13	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	31.0		G	3.1	S	NONE		P	
	14	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	26.0		G	2.6	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	15	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	31.0		G	3.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	16	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	31.5		G	3.2	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
G154	1	MALUS SP	APPLE TREE	24.0		F	2.4	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	CRABAPPLE PEELING BARK AT BASE, EVIDENCE OF SAPSUCKER
	2	MALUS SP	APPLE TREE	31.0		F	3.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	3	MALUS SP	APPLE TREE	25.0		F	2.5	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	4	MALUS SP	APPLE TREE	30.0		G	3.0	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	5	MALUS SP	APPLE TREE	22.0		G	2.2	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	6	MALUS SP	APPLE TREE	28.0		G	2.8	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	OLD TAG 445
G155	1	ACER RUBRUM	RED MAPLE	91.0	✓	F	9.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	MODERATE LEAN
	2	ACER RUBRUM	RED MAPLE	51.0	✓	P	5.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	3	ACER RUBRUM	RED MAPLE	47.0		F	4.7	S	NONE		P	
G156	1	PINUS RESINOSA	RED PINE	53.0	✓	F	5.3	S	NONE		P	MODERATE LEAN
	2	PINUS RESINOSA	RED PINE	54.0	✓	G	5.4	S	NONE		P	
	3	PINUS RESINOSA	RED PINE	53.0	✓	G	5.3	S	NONE		P	
	4	PINUS RESINOSA	RED PINE	43.0		G	4.3	S	NONE		P	
G157	1	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	12.0		G	1.2	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	2	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	11.0		G	1.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	3	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	11.0		G	1.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	4	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	11.0		G	1.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	5	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	12.0		G	1.2	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	6	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	11.0		G	1.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	7	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	10.0		G	1.0	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	8	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	11.0		G	1.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	9	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	11.0		G	1.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
	10	GLEDITSIA TRICANTHOS VAR. INERMIS	THORNLESS HONEY LOCUST	11.0		G	1.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	
G158	1	ACER RUBRUM	RED MAPLE	30.0		G	3.0	S	NONE		P	
	2	ACER RUBRUM	RED MAPLE	18.0		G	1.8	S	NONE		P	
	3	ACER RUBRUM	RED MAPLE	27.0		G	2.7	S	NONE		P	
	4	ACER RUBRUM	RED MAPLE	31.0		G	3.1	S	NONE		P	
	5	ACER RUBRUM	RED MAPLE	15.0		G	1.5	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R	

TREE CONDITION:
GOOD (G): less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects
FAIR (F): 10 TO 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.
POOR (P): greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are significant.
DEAD (D): tree displays no signs of life.

OWNERSHIP:
S - Private Tree on the Subject Property
M - Municipal Tree
A - Adjacent Tree
B - Boundary Tree

RECOMMENDATION:
Preserve (P)
Remove (R)
Transplant (T)
Injure (I)

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP			
G159	1	CELTIS OCCIDENTALIS	COMMON HACKBERRY	35.0		G	3.5	S	NONE		P
	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	35.0		G	3.5	S	NONE		P
	3	CELTIS OCCIDENTALIS	COMMON HACKBERRY	27.0		G	2.7	S	NONE		P
	4	CELTIS OCCIDENTALIS	COMMON HACKBERRY	28.0		G	2.8	S	NONE		P
G160	1	PINUS NIGRA	AUSTRIAN PINE	32.0		G	3.2	S	NONE		P
	2	PINUS NIGRA	AUSTRIAN PINE	35.0		F	3.5	S	NONE		P
G161	1	PICEA GLAUCA	WHITE SPRUCE	31.0		G	3.1	S	NONE		P
	2	PICEA GLAUCA	WHITE SPRUCE	25.0		G	2.5	S	NONE		P
	3	PICEA GLAUCA	WHITE SPRUCE	36.0		G	3.6	S	NONE		P
	4	PICEA GLAUCA	WHITE SPRUCE	28.0		G	2.8	S	NONE		P
G162	1	ACER GINNALA	AMUR MAPLE	15.0		G	1.5	S	NONE		P
	2	ACER GINNALA	AMUR MAPLE	12.0		G	1.2	S	NONE		P
	3	ACER GINNALA	AMUR MAPLE	13.0		G	1.3	S	NONE		P
G163	1	ACER GINNALA	AMUR MAPLE	16.0		G	1.6	S	NONE		P
	2	ACER GINNALA	AMUR MAPLE	13.0		G	1.3	S	NONE		P
G164	1	MALUS SP	APPLE TREE	34.0		F	3.4	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R
	2	MALUS SP	APPLE TREE	29.0		F	2.9	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R
	3	MALUS SP	APPLE TREE	25.0		G	2.5	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R
	4	MALUS SP	APPLE TREE	28.0		G	2.8	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R
	5	MALUS SP	APPLE TREE	31.0		G	3.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R
	6	MALUS SP	APPLE TREE	30.0		P	3.0	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R
	7	MALUS SP	APPLE TREE	41.0		G	4.1	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R
G165	1	ACER RUBRUM	RED MAPLE	30.0		F	3.0	S	NONE		P
	2	ACER RUBRUM	RED MAPLE	50.0	✓	G	5.0	S	LIMITED	RIGHT-OF-WAY DEVELOPMENT	I
G166	1	CELTIS OCCIDENTALIS	COMMON HACKBERRY	43.0		G	4.3	S	IMPACTED	RIGHT-OF-WAY DEVELOPMENT	R
	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	22.0		G	2.2	S	NONE		P
	3	CELTIS OCCIDENTALIS	COMMON HACKBERRY	24.0		F	2.4	S	NONE		P
	4	CELTIS OCCIDENTALIS	COMMON HACKBERRY	40.0		F	4.0	S	NONE		P
	5	CELTIS OCCIDENTALIS	COMMON HACKBERRY	26.0		G	3.6	S	NONE		P
	6	CELTIS OCCIDENTALIS	COMMON HACKBERRY	33.0		G	3.3	S	NONE		P
G167	1	ACER RUBRUM	RED MAPLE	33.0		G	3.3	S	NONE		P
	2	ACER RUBRUM	RED MAPLE	28.0		G	2.8	S	NONE		P
	3	ACER RUBRUM	RED MAPLE	33.0		G	3.3	S	NONE		P
	4	ACER RUBRUM	RED MAPLE	31.0		G	3.1	S	NONE		P
	5	ACER RUBRUM	RED MAPLE	19.0		G	1.9	S	NONE		P
G168	1	MALUS SP	APPLE TREE	30.0		G	3.0	S	NONE		P
	2	MALUS SP	APPLE TREE	14.0		G	1.4	S	NONE		P
	3	MALUS SP	APPLE TREE	17.0		G	1.7	S	NONE		P
	4	MALUS SP	APPLE TREE	22.0		G	2.2	S	NONE		P
G169	1	PICEA ABIES	NORWAY SPRUCE	34.0		G	3.4	S	NONE		P
	2	PICEA ABIES	NORWAY SPRUCE	29.0		G	2.9	S	NONE		P
	3	PICEA ABIES	NORWAY SPRUCE	34.0		G	3.4	S	NONE		P
	4	PICEA ABIES	NORWAY SPRUCE	28.0		G	2.8	S	NONE		P
	5	PICEA ABIES	NORWAY SPRUCE	25.0		G	2.5	S	NONE		P

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

LEGEND:

TREE NO. OR GRP	Tree Removal	BOTANICAL NAME	COMMON NAME	Tree Injury					REASON FOR REMOVAL	RECOMMENDATION	COMMENTS	
				DBH (cm)	DISTINCTIVE	CONDITION	CRITICAL ROOT ZONE (m)	OWNERSHIP				IMPACTS OF DEVELOPMENT
	6	PICEA ABIES	NORWAY SPRUCE	22.0		G	2.2	S	NONE		P	
G170	1	PICEA ABIES	NORWAY SPRUCE	27.0		G	2.7	S	NONE		P	
	2	PICEA ABIES	NORWAY SPRUCE	25.0		G	2.5	S	NONE		P	
	3	PICEA ABIES	NORWAY SPRUCE	14.0		G	1.4	S	NONE		P	
	4	PICEA ABIES	NORWAY SPRUCE	27.0		G	2.7	S	NONE		P	
	5	PICEA ABIES	NORWAY SPRUCE	23.0		G	2.3	S	NONE		P	
	6	PICEA ABIES	NORWAY SPRUCE	24.0		G	2.4	S	NONE		P	
	7	PICEA ABIES	NORWAY SPRUCE	18.0		G	1.8	S	NONE		P	
G171	1	CELTIS OCCIDENTALIS	COMMON HACKBERRY	35.0		G	3.5	S	NONE		P	
	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	30.0		G	3.0	S	NONE		P	
	3	CELTIS OCCIDENTALIS	COMMON HACKBERRY	34.0		G	3.4	S	NONE		P	
	4	CELTIS OCCIDENTALIS	COMMON HACKBERRY	28.0		G	2.8	S	NONE		P	
	5	CELTIS OCCIDENTALIS	COMMON HACKBERRY	32.0		G	3.2	S	NONE		P	
	6	CELTIS OCCIDENTALIS	COMMON HACKBERRY	29.0		G	2.9	S	NONE		P	
	7	CELTIS OCCIDENTALIS	COMMON HACKBERRY	33.0		G	3.3	S	NONE		P	
	8	CELTIS OCCIDENTALIS	COMMON HACKBERRY	26.0		G	2.6	S	NONE		P	
	9	CELTIS OCCIDENTALIS	COMMON HACKBERRY	21.0		G	2.1	S	NONE		P	
G172	1	ACER SACCHARUM	SUGAR MAPLE	29.0		G	2.9	S	NONE		P	
	2	ACER SACCHARUM	SUGAR MAPLE	27.0		F	2.7	S	NONE		P	
G173	1	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	12.0		G	1.2	S	NONE		P	
	2	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE TREE LILAC	10.0		G	1.0	S	NONE		P	
G174	1	PINUS SYLVESTRIS	SCOTS PINE	48.5		D		S	NONE		P	
	2	PINUS SYLVESTRIS	SCOTS PINE	35.5		F	3.6	S	NONE		P	
G175	1	PINUS NIGRA	AUSTRIAN PINE	16.0		G	1.6	S	NONE		P	MODERATE LEAN
	2	PINUS NIGRA	AUSTRIAN PINE	19.0		G	1.9	S	NONE		P	
G176	1	ACER GINNALA	AMUR MAPLE	13.0		G	1.3	S	NONE		P	
	2	ACER GINNALA	AMUR MAPLE	13.0		G	1.3	S	NONE		P	
	3	ACER GINNALA	AMUR MAPLE	10.0		G	1.0	S	NONE		P	
	4	ACER GINNALA	AMUR MAPLE	12.0		G	1.2	S	NONE		P	
G177	1	CELTIS OCCIDENTALIS	COMMON HACKBERRY	35.0		G	3.5	S	NONE		P	MODERATE LEAN
	2	CELTIS OCCIDENTALIS	COMMON HACKBERRY	27.0		G	2.7	S	NONE		P	
	3	CELTIS OCCIDENTALIS	COMMON HACKBERRY	22.0		G	2.2	S	NONE		P	
G178	1	ACER RUBRUM	RED MAPLE	25.0		G	2.5	S	NONE		P	
	2	ACER RUBRUM	RED MAPLE	35.0		G	3.5	S	NONE		P	

10 APPENDIX C - SAMPLE PHOTOGRAPHS OF TREES TO BE REMOVED



408



802



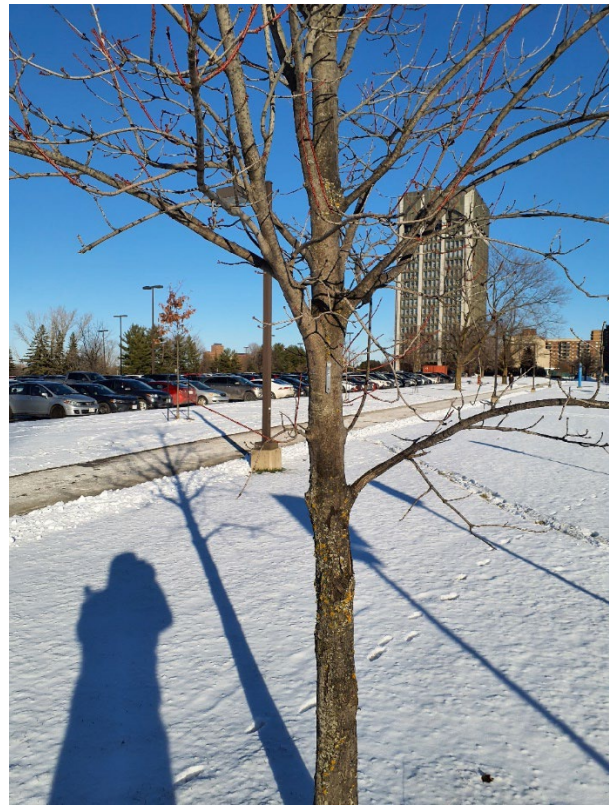
803



805



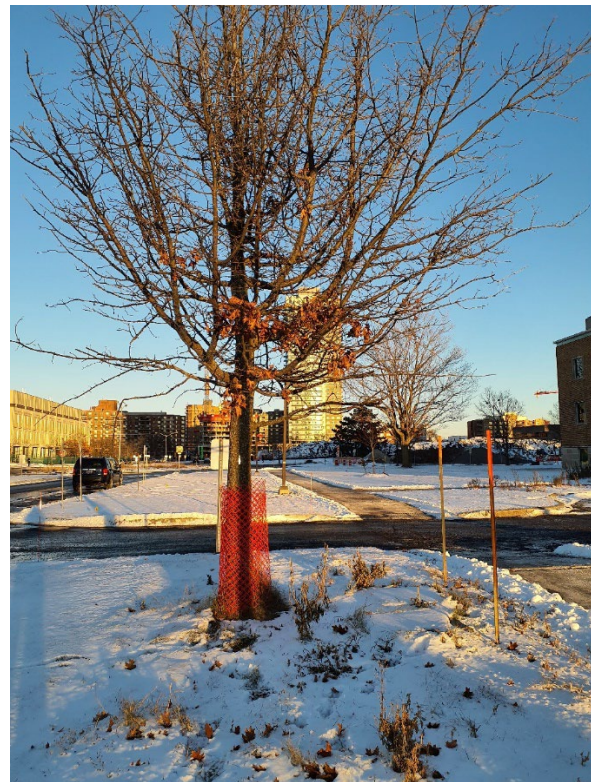
882



905



913



924



926



967



979



1402



1443



G88



G99a



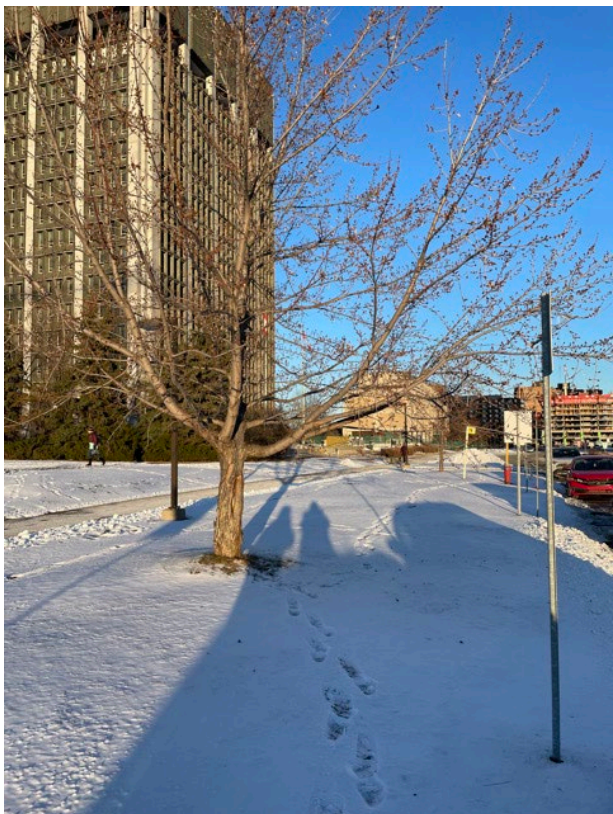
G134d



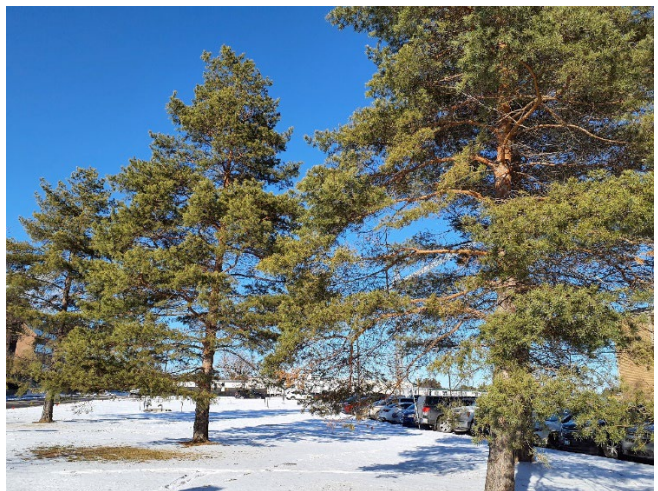
G99a



G134d



G135b



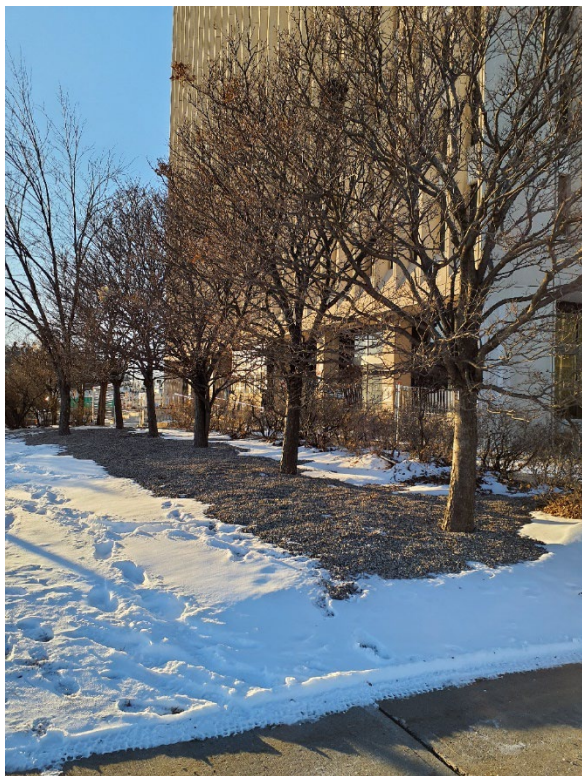
G144c & d



G147a



G150



G151a & b



G153a



G153o



G153p



G154a



G154b



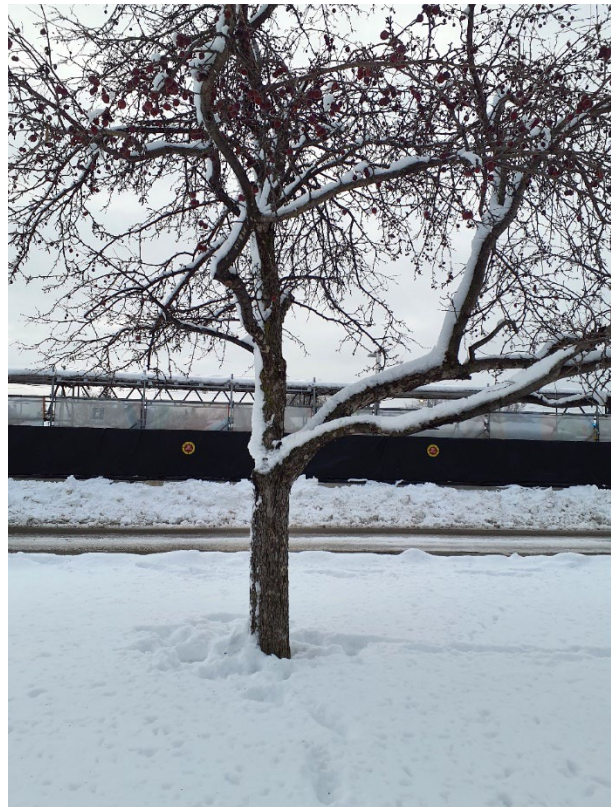
G154c



G154d



G154e



G154f



G155a



G155b



G157a



G157b



G157c



G157d



G157e



G157f



G157g



G157h



G157i



G158e



G164a



G164b



G164c



G164d



G164e



G164f



G164g



G166a