Tree Inventory and Preservation Plan Report
1840 – 1850 Bloor Street
Mississauga, Ontario

prepared for

STUDIO tla
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prepared by

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23 November 2022

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Introduction

Kuntz Forestry Consulting Inc. was retained by STUDIO tla to complete a Tree Inventory and Preservation Plan for the proposed development for the subject site located at 1840 – 1850 Bloor Street in Mississauga, Ontario. The subject site is located southeast of the intersection between Bloor Street and Bridgewood Drive, within a residential area.

The work plan for this tree preservation study included the following:

- Prepare inventory of the tree resources greater than 10cm diameter at breast height (DBH) on and within six metres of the subject site and trees of all sizes within the road right-of-way;
- Evaluate potential tree saving opportunities based on proposed site plans; and,
- Document the findings in a Tree Inventory and Preservation Plan Report

The results of the evaluation are provided below.

Methodology

Tree Inventory

The tree inventory was conducted on 18 and 21 November 2022. Trees greater than 10cm DBH on and within six metres of the subject site and trees of all sizes within the road right-of-way were included in the inventory. Tree resources were located using a topographic survey provided for the subject site, aerial imagery, and estimations made from known points in the field. Individual trees included in the inventory were identified as Trees 151 – 384 and A – K. Where appropriate, trees were tagged with their identification numbers. Trees that were not tagged were identified using the alphabetic sequence.

Individual tree resources were assessed utilizing the following parameters:

Tree # – Number assigned to trees that corresponds to Figure 1.
Species – Common and botanical names provided in the inventory table.
DBH – Diameter (centimeters) at breast height, measured at 1.4m above the ground.
Condition – Condition of tree considering trunk integrity (TI), crown structure (CS) and crown vigor (CV). Condition ratings include poor (P), fair (F), and good (G).
Crown Dieback – Percentage of dead branches within the crown.
Dripline – Crown radius (metres).
Comments – Any other relevant tree condition information.

It should be noted that according to the City of Mississauga's standards, for trees with multiple stems at 1.4m above ground level, the DBH of the tree is calculated by taking the square root of the sum of the squared DBH of all stems.

Where trees occurred in groups, trees were inventoried in polygons using a 100% tally analysis by species, size class, and quality. Three tree polygons were included in the inventory, including Polygons P1 – P3. Trees with a DBH of 10cm or greater were included in the stand tally analysis.

Trees within polygons were assessed utilizing the following parameters:

Species – Common and botanical names provided in the inventory table.
Size Class (DBH) – 10cm – 25cm, 26cm – 37cm, 38cm – 49cm, and 50cm and above
Quality Class: Acceptable Growing Stock (AGS), Unacceptable Growing Stock (UGS)

Trees classified as AGS are trees with no major defects in the bole and a relatively good crown structure and vigour. Trees classified as UGS are trees with a major defect in the bole and / or those exhibiting a relatively poor crown structure or vigour.

Refer to Table 1 and Table 2 for the detailed tree inventory and Figure 1 for the locations of the trees and tree polygons. See Appendix A for site photographs

Tree Valuation

A valuation was calculated for trees located fully or partially within the road right-of-way. The value was calculated using the Trunk Formula Technique. This method is described in the Guide for Plant Appraisal, 10th Edition (CTLA 2018). The Ontario Supplement (2003) provides regionally relevant data pertaining to basic costs for trees.

Trunk Formula Technique

This method is used for trees that are larger than what is commonly available for transplant from a nursery. The Unit Tree Cost of the replacement tree is derived from a survey of nurseries or supplied by the Regional Plant Appraisal Council and published within the Ontario Supplement (2003). For Ontario, the Unit Tree Cost has been set at $6.51/cm^2 within the Supplement and this value has been used for the calculation.

The Basic Tree Cost is calculated by multiplying the Unit Tree Cost by the cross-sectional area of the subject tree. For multi-stemmed trees, the appraised trunk area considers the cross-sectional area of all stems. The Appraised Value is calculated by multiplying the Basic Reproduction Cost by the three depreciation factors (Condition Rating, Functional Limitation Rating, and External Limitation Rating, as described in the Guide).

The appraised value is therefore calculated using the following equation:

Basic Tree Cost = Appraised Tree Trunk Area X Unit Tree Cost

Appraised Value = Basic Tree Cost X Condition Rating X Functional Limitation Rating X External Limitation Rating

Functional Limitation Ratings and External Limitation Ratings are calculated according to the methods outlined in the guide. Condition Ratings were calculated based on the assessed condition of the trees on the site and in accordance with the guide. The final values were rounded to the nearest $100 for values greater than $2000, and to the nearest $5 for values less than $2000.

Refer to Table 3 for the individual tree value computation.

Existing Site Conditions

The subject site is currently comprised of two 14-storey residential buildings, two separate subsurface parking garages, various surface parking areas and vehicular laneways, multiple walkways, a playground, pool, and sport court, and outdoor amenity areas. Tree resources exist

in the form of landscape trees and natural regeneration. Refer to Figure 1 for the existing site conditions.

Tree Resources

The inventory documented 245 trees and three polygons on and within six metres of the subject site. Refer to Table 1 and Table 2 for the detailed tree inventory and Figure 1 for the location of trees reported in the tree inventory. See Appendix A for site photographs.

Tree resources were comprised of Apple species (*Malus sp.*), Austrian Pine (*Pinus nigra*), Basswood (*Tilia americana*), Black Cherry (*Prunus serotina*), Black Locust (*Robinia pseudoacacia*), Blue Spruce (*Picea pungens*), Bur Oak (*Quercus macrocarpa*), European Spindle (*Euonymus europaeus*), Manitoba Maple (*Acer negundo*), Norway Maple (*Acer platanoides*), Pin Cherry (*Prunus pensylvanica*), Poplar species (*Populus sp.*), Scots Pine (*Pinus sylvestris*), Siberian Elm (*Ulmus pumila*), Silver Maple (*Acer saccharinum*), Thornless Honey Locust (*Gleditsia triacanthos 'inermis'*), White Ash (*Fraxinus americana*), White Birch (*Betula papyrifera*), White Elm (*Ulmus americana*), White Mulberry (*Morus alba*), White Spruce (*Picea glauca*), and Willow species (*Salix sp.*).

Proposed Development

The proposed development includes the retention of the two existing residential buildings and subsurface parking garages, and the construction of a third multi-storey residential building with a third subsurface parking garage below. The removal of the existing walkways and the construction of various new walkways throughout the interior of the subject site is proposed. The existing subsurface parking areas are to be resurfaced, and in some areas, extended. An additional surface parking area is proposed proximate to the proposed building. Refer to Figure 1 for the proposed site plan.

Discussion

The following sections provide a discussion and analysis of tree impacts and tree preservation relative to the proposed work and existing conditions.

Development Impacts / Tree Removal

The removal of 115 trees and a portion of Polygon P2 will be required to accommodate the proposed development. The individual trees identified for removal include Trees 153, 159 – 169, 184 – 189, 191 – 199, 204, 206 – 210, 212 – 219, 228 – 235, 249, 258, 271, 275, 279 – 281, 285, 287, 288, 291 – 302, 305 – 329, 331, 332, 346, 349 – 360, and 381 – 384. The removal of five additional trees is recommended due to their poor / dead condition, regardless of the proposed site plan. Trees identified for removal due to their condition include Trees 152, 158, 303, 304, and 330.

All individual trees identified for removal, including Trees 152, 153, 158 – 169, 184 – 189, 191 – 199, 204, 206 – 210, 212 – 219, 228 – 235, 249, 258, 271, 275, 279 – 281, 285, 287, 288, 291 – 332, 346, 349 – 360, and 381 – 384, and some trees within the portion of Polygon P2 being removed are greater than 15cm DBH. All trees identified for removal are located on the subject site.

Refer to Figure 1 for the location of trees identified for removal.

Tree Preservation

The preservation of the remaining 125 trees, two polygons, and a portion of Polygon P2 will be possible with the use of appropriate tree protection measures as indicated on Figure 1. The individual trees / polygons identified for removal include Trees 151, 154 – 157, 170 – 183, 190, 200 – 203, 205, 211, 220 – 227, 236 – 248, 250 – 257, 259 – 270, 272 – 274, 276 – 278, 282 – 284, 286, 289, 290, 333 – 345, 347, 348, 361 – 380, A – K, P1, and P3. Tree protection measures must be implemented prior to the commencement of the proposed works to ensure tree resources designated for retention are not impacted by the proposed development.

Where the minimum tree protection zones (mTPZs) of trees cannot be fully respected, special mitigation measures have been prescribed and are described below.

<u>Trees 220, 223 – 226, 236, 237, 239 – 241, 251, 256, 257, 265, 266, 268, 274, 277, 289, 290, 342 – 344, 347, 362 – 364, 374, and 375</u>

Encroachment into the mTPZs of Trees 220, 223 – 226, 236, 237, 239 – 241, 251, 256, 257, 265, 266, 268, 274, 277, 289, 290, 342 – 344, 347, 362 – 364, 374, and 375 will be required to accommodate the proposed surface parking area resurfacing or the reconstruction and / or removal of various hardscape features. If the following protection and mitigation measures are employed, long-term adverse effects are not anticipated for these trees.

1. Tree preservation fencing must be installed, as depicted on Figure 1, prior to the commencement of the proposed works. The prescribed fencing may be temporarily adjusted, where required, to accommodate the removal of the hardscape features within the mTPZs of these trees but must be replaced immediately following the completion of the hardscape feature removal.
2. The existing hardscape features are to be removed carefully, by-hand or using small machinery (i.e. a skidsteer).
    a. If small machinery is used to remove the hardscape features / surface parking area, it will not be permitted within any area of the mTPZs of these trees that is not covered by asphalt / concrete.
    b. Once the asphalt / concrete has been removed, small machinery use will no longer be permitted in these areas.
3. Any roots encountered in the subsurface are to be left intact.
4. Where new hardscape features are to be installed in the areas from which existing hardscape features have been removed, and where the existing surface parking area is to be resurfaced, the new hardscape features / asphalt are to be installed on the existing subsurface material.
5. Any softscaping to occur within the mTPZs of these trees must occur by-hand during the final landscaping stage.
6. All works to occur within the mTPZs of these trees should be supervised by a Certified Arborist in accordance with Good Arboricultural Standards.
7. Branches that extend into the proposed development and require pruning must be pruned by a Certified Arborist or other tree professional in accordance with Good Arboricultural Standards.

Trees 174, 200, 205, 255 – 257, 259, 261, 345, 363, 377, 378, and 380

Encroachment into the mTPZs of Trees 174, 200, 205, 255 – 257, 259, 261, 345, 363, 377, 378, and 380 will be required to install various proposed hardscape features, the proposed surface parking area, or the proposed subsurface parking garage. If the following protection and mitigation measures are employed, long-term adverse effects are not anticipated for these trees.

1. Tree preservation fencing must be installed, as depicted on Figure 1, prior to the commencement of the proposed works.
2. Low-pressure hydro-vac or air-spade technology should be used to excavate trenches, under the supervision of a Certified Arborist, at the anticipated limit of excavation for the proposed hardscape features / surface parking area / subsurface parking garage, as indicated on Figure 1 with solid cyan.
3. The depth of the trenches adjacent to the proposed hardscape features / surface parking area will depend on the depth of excavation required to install the respective feature / surface parking area. The depth of the trenches adjacent to the proposed subsurface parking garage will be at least 90cm.
4. The roots of these trees are to be pruned inside the trenches by a Certified Arborist in accordance with Good Arboricultural Standards.
5. The trenches are to be backfilled with clean topsoil.
6. All works to occur within the mTPZs of these trees should be supervised by a Certified Arborist in accordance with Good Arboricultural Standards.
7. Branches that extend into the proposed development and require pruning must be pruned by a Certified Arborist or other tree professional in accordance with Good Arboricultural Standards.

Tree Valuation

A valuation was calculated for trees located fully or partially within the right-of-way, including Tree 151. The total appraised value of Tree 151 was calculated at $3,000.00. Refer to Table 3 for the individual tree value computation.

Replacement Plantings

The City of Mississauga requires replacement plantings to compensate for the removal of public and private trees. The ratio of the required replacement plantings per tree is below:

DBH of Tree to be Removed (cm)	Number of Replacement Plantings
6 – 15	1
16 – 30	2
31 – 45	3
46 – 60	4
61 – 75	5
76 – 90	6
91– 105	7
106 – 120	8
>120	9

A total of 382 replacement plantings is required on the subject site to compensate for the individual private trees identified for removal. Additional compensation plantings may be required to compensate for the trees within Polygon P2 identified for removal. See Table 1 for the number of replacement plantings for each individual tree identified for removal.

Summary and Recommendations

Kuntz Forestry Consulting Inc. was retained by STUDIO tla to complete a Tree Inventory and Preservation Plan for the proposed development for the subject site located at 1840 – 1850 Bloor Street in Mississauga, Ontario. A tree inventory was conducted and reviewed in the context of the proposed site plan.

The findings of the study indicate a total of 245 trees and three polygons on and within six metres of the subject site. The removal of 115 trees and a portion of one polygon will be required to accommodate the proposed development. The removal of five additional trees is recommended due to their poor / dead condition, regardless of the proposed site plan. The remaining trees / polygons can be saved provided proper tree protection is installed as per Figure 1.

The following recommendations are suggested to minimize impacts to trees identified for preservation. Refer to Figure 1 for tree protection fencing locations, general Tree Protection Plan Notes, and tree preservation fence details.

- Tree protection barriers and fencing should be erected at locations as prescribed on Figure 1. All tree protection measures should follow the guidelines as set out in the tree preservation plan notes and the tree preservation fencing detail.

- No construction activity including surface treatments, excavations of any kind, storage of materials or vehicles, unless specifically outlined above, is permitted within the area identified on Figure 1 as a tree protection zone (TPZ) at any time during or after construction.

- Special mitigation measures have been prescribed for select trees, as outlined in the *Tree Preservation* section of this report.

- Branches and roots that extend beyond prescribed tree protection zones that require pruning must be pruned by a qualified Arborist or other tree professional. All pruning of tree roots and branches must be in accordance with Good Arboricultural Standards.

- Site visits pre, during, and post construction are recommended by either a certified consulting arborist (I.S.A.) or registered professional forester (R.P.F.) to ensure proper utilization of tree protection barriers. Trees should also be inspected for damage incurred during construction to ensure appropriate pruning or other measures are implemented.

Respectfully Submitted,

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Limitations of Assessment

Only the tree(s) identified in this report were included in the inventory. The assessment of the trees presented in this report has been made using accepted arboricultural techniques. These may include a visual examination taken from the ground of all the above-ground parts of the tree for structural defects, scars, external indications of decay such as fungal fruiting bodies, evidence of attack by insects, discoloured foliage, the condition of any visible root structures, the degree of lean (if any), the general condition of the trees and the identification of potentially hazardous trees or recommendations for removal (if applicable). Where trees could not be directly accessed (ie. due to obstructions, and/or on neighbouring properties), trees were assessed as accurately as possible from nearby vantage points.

Locations of trees provided in the report are determined as accurately as possible based on the best information available. If official survey information is not provided, tree location in the report may not be exact. In this case, if trees occur on or near property boundaries, an official site survey may be required to determine ownership utilizing specialized survey protocol to gain precise location.

Furthermore, recommendations made in this report are based on the site plans that have been provided at the time of reporting. These recommendations may no longer be applicable should changes be made to the site plan and/or grading, servicing, or landscaping plans following report submission.

Notwithstanding the recommendations and conclusions made in this report, it must be recognized that trees are living organisms, and their health and vigor constantly change over time. They are not immune to changes in site conditions or seasonal variations in the weather conditions. Any tree will fail if the forces applied to the tree exceed the strength of the tree or its parts.

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

Table 1. Tree Inventory

Location: 1840 - 1850 Bloor Street, Mississauga Date: 18 & 21 November 2022 Surveyors: KNH

Tree #	Common Name	Scientific Name	DBH	Calculated DBH for Multistem Trees	TI	CS	CV	CDB	DL	mTPZ	Comments	Action	Owner	# Rep.
151	Basswood	*Tilia americana*	49, 45, 38	76.5	F	F	F		5.0	4.8	Union at base, lean (L), poor form (L), epicormic branching (L)	Preserve	Shared (Private / City)	-
152	White Ash	*Fraxinus americana*	37.5, 28	47	PF	PF	PF	80	5.0	3.0	Bow (L), union at base, Emerald Ash Borer (H), epicormic branching (M), poor form (M), deadwood (H)	Remove (Condition)	Private	4
153	Austrian Pine	*Pinus nigra*	39	-	G	G	F		4.0	2.4		Remove	Private	3
154	Austrian Pine	*Pinus nigra*	36.5	-	F	G	F		4.0	2.4	Lean (L), sweep (L), crook (L)	Preserve	Private	-
155	Austrian Pine	*Pinus nigra*	47.5	-	G	G	F		4.0	3.0		Preserve	Private	-
156	Austrian Pine	*Pinus nigra*	48.5	-	FG	FG	F		5.0	3.0	Pruning wounds (L), crook (L)	Preserve	Private	-
157	Pin Cherry	*Prunus pensylvanica*	36	-	PF	PF	F		4.0	2.4	Decay (H) in trunk, bow (M), canker (M), poor form (L), multiple branch attachments	Preserve	Private	-
158	Pin Cherry	*Prunus pensylvanica*	42.5	-	P	PF	PF		3.0	3.0	Decay (H) in trunk, poor branch unions, pruning wounds (M), poor form (M)	Remove (Condition)	Private	3
159	Siberian Elm	*Ulmus pumila*	41.5	-	FG	FG	FG		5.0	3.0	Lean (L), pruning wounds (L), asymmetrical crown (L)	Remove	Private	3
160	Siberian Elm	*Ulmus pumila*	53	-	FG	FG	F		5.0	3.6	Pruning wounds (L), asymmetrical crown (L), wounds (L) at root flare, epicormic branching (L)	Remove	Private	4
161	Siberian Elm	*Ulmus pumila*	33	-	FG	FG	F		4.0	2.4	Pruning wounds (L), epicormic branching (L), asymmetrical crown (L), girdling roots (VL), canker (VL)	Remove	Private	3
162	Siberian Elm	*Ulmus pumila*	44	-	F	F	F		4.0	3.0	Epicormic branching (M), bow (M), pruning wounds (M), exposed roots (L) with wounds (L)	Remove	Private	3
163	Austrian Pine	*Pinus nigra*	35	-	FG	G	G		4.0	2.4	Sweep (L)	Remove	Private	3
164	Austrian Pine	*Pinus nigra*	48	-	FG	G	FG		5.0	3.0	Sweep (L)	Remove	Private	4
165	Austrian Pine	*Pinus nigra*	36	-	F	F	F	10	4.0	2.4	Sweep (L), deadwood (L), crook (L) in crown, asymmetrical crown (L)	Remove	Private	3

166	Austrian Pine	*Pinus nigra*	25.5	-	F	F	F	20	3.0	1.8	Sweep (L), deadwood (L), lean (L), asymmetrical crown (L)	Remove	Private	2
167	Austrian Pine	*Pinus nigra*	38.5	-	G	F	F	15	3.0	2.4	Asymmetrical crown (L), deadwood (L)	Remove	Private	3
168	Austrian Pine	*Pinus nigra*	40	-	FG	F	F	10	3.0	2.4	Asymmetrical crown (L), deadwood (L), sweep (L)	Remove	Private	3
169	Austrian Pine	*Pinus nigra*	40	-	G	G	G		5.0	2.4	Crook (VL) in crown	Remove	Private	3
170	Austrian Pine	*Pinus nigra*	42.5	-	FG	G	FG		4.0	3.0	Lean (L)	Preserve	Private	-
171	Austrian Pine	*Pinus nigra*	44.5	-	FG	G	FG		4.0	3.0	Lean (L)	Preserve	Private	-
172	Austrian Pine	*Pinus nigra*	35	-	F	F	PF	10	4.0	2.4	Crook (L), sap oozing in crown, sparse crown, deadwood (L)	Preserve	Private	-
173	Austrian Pine	*Pinus nigra*	40	-	FG	F	F	10	4.0	2.4	Crook (L), asymmetrical crown (L), deadwood (L)	Preserve	Private	-
174	Austrian Pine	*Pinus nigra*	40	-	F	FG	F		4.0	2.4	Sweep (L), v-union at 4m	Injure	Private	-
175	Austrian Pine	*Pinus nigra*	39	-	F	F	PF	20	5.0	2.4	Deadwood (L), broken branches (L), bow (L), lean (L)	Preserve	Private	-
176	Austrian Pine	*Pinus nigra*	35.5	-	F	F	F	10	4.0	2.4	Sweep (L), bow (L), sap oozing in crown, deadwood (L)	Preserve	Private	-
177	Austrian Pine	*Pinus nigra*	29.5	-	PF	PF	PF	20	3.0	1.8	Sweep (M), deadwood (L), poor form (M), crook (L)	Preserve	Private	-
178	Austrian Pine	*Pinus nigra*	40.5	-	G	F	F	15	5.0	3.0	Deadwood (L)	Preserve	Private	-
179	Austrian Pine	*Pinus nigra*	39.5	-	FG	F	F	10	4.0	2.4	Lean (L), deadwood (L)	Preserve	Private	-
180	Austrian Pine	*Pinus nigra*	45	-	F	F	FG		5.0	3.0	Lean (L), bow (L), crook (L) in crown, asymmetrical crown (M)	Preserve	Private	-
181	Austrian Pine	*Pinus nigra*	42	-	F	FG	FG	10	4.0	3.0	Sweep (M), bow (L), asymmetrical crown (L), deadwood (L)	Preserve	Private	-
182	Austrian Pine	*Pinus nigra*	42	-	FG	FG	FG		4.0	3.0	Sweep (L), asymmetrical crown (L)	Preserve	Private	-
183	Austrian Pine	*Pinus nigra*	39	-	FG	G	FG		3.0	2.4	Lean (L), asymmetrical crown (VL)	Preserve	Private	-
184	Austrian Pine	*Pinus nigra*	36	-	PF	F	F	10	3.0	2.4	V-union (codominance) at 4m, deadwood (L), sweep (L), stem wounds (L) at base	Remove	Private	3
185	Austrian Pine	*Pinus nigra*	45	-	F	F	F		5.0	3.0	Asymmetrical crown (M), pruning wounds (L), bow (L)	Remove	Private	3
186	Austrian Pine	*Pinus nigra*	49	-	F	PF	F	10	4.0	3.0	Union (codominance) at 3m, crook (H) in crown, lean (L), deadwood (L), poor form (M)	Remove	Private	4

187	Austrian Pine	*Pinus nigra*	41	-	FG	FG	FG		6.0	3.0	Sweep (L), asymmetrical crown (L)	Remove	Private	3
188	Austrian Pine	*Pinus nigra*	33	-	FG	F	PF	30	3.0	2.4	Crook (L), deadwood (M)	Remove	Private	3
189	Austrian Pine	*Pinus nigra*	42.5	-	F	F	F	10	5.0	3.0	Sweep (L), bow (L), deadwood (L)	Remove	Private	3
190	Austrian Pine	*Pinus nigra*	45	-	FG	G	FG		5.0	3.0	Sweep (L)	Preserve	Private	-
191	Austrian Pine	*Pinus nigra*	44.5	-	FG	F	F	15	5.0	3.0	Lean (L), deadwood (L)	Remove	Private	3
192	Austrian Pine	*Pinus nigra*	43	-	F	F	F	10	5.0	3.0	Lean (M), deadwood (L)	Remove	Private	3
193	Austrian Pine	*Pinus nigra*	38	-	PF	G	FG		4.0	2.4	Sweep (H)	Remove	Private	3
194	Austrian Pine	*Pinus nigra*	49.5	-	F	G	FG		5.0	3.0	Lean (M)	Remove	Private	4
195	Austrian Pine	*Pinus nigra*	44.5	-	FG	F	F	10	5.0	3.0	Sweep (L), asymmetrical crown (M), deadwood (L)	Remove	Private	3
196	Austrian Pine	*Pinus nigra*	46.5	-	FG	F	F	10	4.0	3.0	Sweep (L), asymmetrical crown (L), deadwood (L)	Remove	Private	4
197	Austrian Pine	*Pinus nigra*	53.5	-	PF	PF	F	15	5.0	3.6	V-union (codominance) at 4m with included bark, deadwood (L)	Remove	Private	4
198	Austrian Pine	*Pinus nigra*	42	-	PF	F	F		5.0	3.0	Pruning wounds (M), crook (H), epicormic branching (M), poor form (M)	Remove	Private	3
199	Austrian Pine	*Pinus nigra*	44	-	G	FG	FG		5.0	3.0	Asymmetrical crown (L)	Remove	Private	3
200	Austrian Pine	*Pinus nigra*	46.5	-	G	G	FG		5.0	3.0		Injure	Private	-
201	Apple species	*Malus spp.*	17, 15.5, 8	24.5	F	F	PF	15	3.0	1.8	Union at 0.2m, epicormic branching (M), decay (L) in trunk, deadwood (L), poor form (L)	Preserve	Private	-
202	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	27	-	FG	G	G		5.0	1.8	Crook (L)	Preserve	Private	-
203	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	27	-	FG	FG	G		5.0	1.8	Bow (L), asymmetrical crown (L)	Preserve	Private	-
204	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	24	-	F	F	G		5.0	1.8	Asymmetrical crown (M), crook (M) in crown	Remove	Private	2
205	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	32	-	FG	F	F	15	6.0	2.4	Bow (L), deadwood (L)	Injure	Private	-
206	Blue Spruce	*Picea pungens*	20.5	-	FG	G	G		3.0	1.8	Sweep (L)	Remove	Private	2
207	Austrian Pine	*Pinus nigra*	28.5	-	FG	F	F		3.0	1.8	Bow (L), crook (M)	Remove	Private	2
208	Austrian Pine	*Pinus nigra*	45	-	G	G	F		5.0	3.0		Remove	Private	3

209	Austrian Pine	*Pinus nigra*	43	-	G	G	PF		5.0	3.0	Needles browning	Remove	Private	3
210	Austrian Pine	*Pinus nigra*	44.5	-	FG	F	F	10	5.0	3.0	Deadwood (L), lean (L)	Remove	Private	3
211	Austrian Pine	*Pinus nigra*	46.5	-	FG	FG	F		6.0	3.0	Sweep (L), poor form (L)	Preserve	Private	-
212	Willow species	*Salix spp.*	90	-	PF	F	F		8.0	5.4	Lean (L), broken branches (L), epicormic branching (L), decay (M) in trunk, cavities (M), pruning wounds (M)	Remove	Private	6
213	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	29.5	-	PF	PF	F		5.0	1.8	Crook (H), poor form (M), wounds (M) in crown from crossing branches	Remove	Private	2
214	Austrian Pine	*Pinus nigra*	37.5	-	F	F	F	10	5.0	2.4	Lean (L), asymmetrical crown (L), deadwood (L)	Remove	Private	3
215	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	29	-	F	F	F		6.0	1.8	Bow (M), epicormic branching (M), poor form (L)	Remove	Private	2
216	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	30	-	F	F	FG		5.0	1.8	Broken branches (L), wounds (L) in crown, crook (L) in crown	Remove	Private	2
217	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	42.5	-	F	F	F	10	8.0	3.0	Bow (M), asymmetrical crown (L), deadwood (L)	Remove	Private	3
218	White Birch	*Betula papyrifera*	28	-	FG	G	G		4.0	1.8	Lean (L)	Remove	Private	2
219	White Birch	*Betula papyrifera*	22	-	FG	FG	G		4.0	1.8	Lean (L), union (codominance) at 2.5m	Remove	Private	2
220	Austrian Pine	*Pinus nigra*	27	-	FG	FG	FG		4.0	1.8	Sweep (L), asymmetrical crown (L)	Injure	Private	-
221	Austrian Pine	*Pinus nigra*	27.5	-	FG	FG	F		4.0	1.8	Sweep (L), asymmetrical crown (L)	Preserve	Private	-
222	Austrian Pine	*Pinus nigra*	34.5	-	F	FG	F		4.0	2.4	Sweep (M), asymmetrical crown (L)	Preserve	Private	-
223	Austrian Pine	*Pinus nigra*	25	-	FG	F	F		4.0	1.8	Sweep (L), sparse crown	Injure	Private	-
224	Austrian Pine	*Pinus nigra*	26.5	-	F	F	F		4.0	1.8	Sweep (M), asymmetrical crown (M)	Injure	Private	-
225	Austrian Pine	*Pinus nigra*	32	-	FG	F	F	10	3.0	2.4	Sweep (L), deadwood (L)	Injure	Private	-
226	Austrian Pine	*Pinus nigra*	33.5	-	F	F	F	10	4.0	2.4	Lean (L), codominance in crown, deadwood (L)	Injure	Private	-
227	Austrian Pine	*Pinus nigra*	29.5	-	FG	PF	PF	40	3.0	1.8	Sweep (L), deadwood (M)	Preserve	Private	-
228	Austrian Pine	*Pinus nigra*	33	-	FG	PF	PF	40	4.0	2.4	Sweep (L), deadwood (M)	Remove	Private	3
229	Austrian Pine	*Pinus nigra*	41	-	FG	F	F	10	4.0	3.0	Sweep (L), deadwood (L)	Remove	Private	3
230	White Birch	*Betula papyrifera*	23.5, 22.5	32.5	FG	F	F	10	5.0	2.4	Union (codominance) at 0.5m, deadwood (L), bow (L)	Remove	Private	3
231	White Birch	*Betula papyrifera*	25	-	FG	FG	FG		4.0	1.8	Pruning wounds (L)	Remove	Private	2

232	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	40	-	F	F	F	15	5.0	2.4	Deadwood (L), crook (M) in crown	Remove	Private	3
233	White Birch	*Betula papyrifera*	27	-	FG	F	F	10	5.0	1.8	Lean (L), deadwood (L)	Remove	Private	2
234	Austrian Pine	*Pinus nigra*	29.5	-	FG	F	F	15	4.0	1.8	Lean (L), deadwood (L)	Remove	Private	2
235	Austrian Pine	*Pinus nigra*	43.5	-	G	G	F		5.0	3.0		Remove	Private	3
236	Austrian Pine	*Pinus nigra*	36	-	G	F	F	20	4.0	2.4	Deadwood (L)	Injure	Private	-
237	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	50	-	G	G	G		6.0	3.0		Injure	Private	-
238	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	31	-	F	F	F		5.0	2.4	Bow (L), crook (L) in crown, epicormic branching (L)	Preserve	Private	-
239	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	34	-	F	FG	F		5.0	2.4	Lean (L), crook (L) in crown	Injure	Private	-
240	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	28	-	FG	G	FG		4.0	1.8	Lean (L)	Injure	Private	-
241	Austrian Pine	*Pinus nigra*	46	-	FG	G	FG		6.0	3.0	Lean (L)	Injure	Private	-
242	Austrian Pine	*Pinus nigra*	39	-	FG	G	F		4.0	2.4	Lean (L), pruning wounds (L)	Preserve	Private	-
243	Austrian Pine	*Pinus nigra*	35	-	PF	PF	F		4.0	2.4	Lean (L), crook (H), pruning wounds (L), poor form (M)	Preserve	Private	-
244	Austrian Pine	*Pinus nigra*	47	-	FG	F	F	10	6.0	3.0	Lean (L), asymmetrical crown (L), deadwood (L)	Preserve	Private	-
245	Austrian Pine	*Pinus nigra*	57	-	F	F	F	15	6.0	3.6	V-union (codominance) at 5m, deadwood (L)	Preserve	Private	-
246	Austrian Pine	*Pinus nigra*	51	-	FG	FG	FG		5.0	3.6	Union (codominance) at 5m	Preserve	Private	-
247	Austrian Pine	*Pinus nigra*	44	-	FG	F	F	10	5.0	3.0	Sweep (L), asymmetrical crown (L), deadwood (L)	Preserve	Private	-
248	Austrian Pine	*Pinus nigra*	40	-	FG	F	F	10	4.0	2.4	Sweep (L), asymmetrical crown (L), deadwood (L)	Preserve	Private	-
249	Austrian Pine	*Pinus nigra*	51	-	F	F	F		4.0	3.6	Union (codominance) at 1.5m, sap oozing in crown, poor form (L)	Remove	Private	4
250	Black Locust	*Robinia pseudoacacia*	28, 25.5, 25	45.5	F	F	F	20	4.0	3.0	V-union at 0.2m, deadwood (L)	Preserve	Private	-
251	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	31	-	G	F	F		4.0	2.4	Asymmetrical crown (M), poor form (L)	Injure	Private	-
252	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	28.5	-	FG	F	F		5.0	1.8	Asymmetrical crown (M), poor form (L), lean (L), epicormic branching (L)	Preserve	Private	-

253	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	25.5	-	FG	FG	FG		4.0	1.8	Asymmetrical crown (L), crook (L)	Preserve	Private	-
254	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	30	-	FG	FG	F		5.0	1.8	Asymmetrical crown (L), crook (L), epicormic branching (L)	Preserve	Private	-
255	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	37	-	G	FG	FG		5.0	2.4	Asymmetrical crown (L)	Injure	Private	-
256	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	30	-	G	FG	F		4.0	1.8	Asymmetrical crown (L), epicormic branching (L)	Injure	Private	-
257	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	29.5	-	G	FG	F		5.0	1.8	Asymmetrical crown (L), epicormic branching (L)	Injure	Private	-
258	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	34	-	F	F	F		5.0	2.4	Asymmetrical crown (L), epicormic branching (L), bow (M), poor form (L)	Remove	Private	3
259	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	39	-	F	F	F	10	5.0	2.4	Deadwood (L), crook (M), epicormic branching (L)	Injure	Private	-
260	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	27	-	FG	F	F	10	4.0	1.8	Deadwood (L), bow (L), epicormic branching (L)	Preserve	Private	-
261	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	33.5	-	G	F	F	15	4.0	2.4	Deadwood (L), epicormic branching (L)	Injure	Private	-
262	White Spruce	*Picea glauca*	26.5	-	G	G	G		3.0	1.8		Preserve	Private	-
263	Austrian Pine	*Pinus nigra*	39	-	G	FG	F		5.0	2.4	Asymmetrical crown (L)	Preserve	Private	-
264	Austrian Pine	*Pinus nigra*	59	-	F	F	F		5.0	3.6	V-union (codominance) at 1.5m	Preserve	Private	-
265	Austrian Pine	*Pinus nigra*	35	-	FG	FG	F		4.0	2.4	Sweep (L), asymmetrical crown (L)	Injure	Private	-
266	Austrian Pine	*Pinus nigra*	35	-	FG	FG	F		4.0	2.4	Lean (L), asymmetrical crown (L)	Injure	Private	-
267	Austrian Pine	*Pinus nigra*	41.5	-	G	FG	F		5.0	3.0	Poor form (L)	Preserve	Private	-
268	Austrian Pine	*Pinus nigra*	40	-	G	G	F		4.0	2.4		Injure	Private	-
269	Austrian Pine	*Pinus nigra*	45	-	FG	G	FG		5.0	3.0	Lean (L)	Preserve	Private	-
270	Austrian Pine	*Pinus nigra*	34	-	G	G	F		4.0	2.4		Preserve	Private	-
271	Austrian Pine	*Pinus nigra*	35	-	FG	G	FG		4.0	2.4	Lean (L)	Remove	Private	3
272	Austrian Pine	*Pinus nigra*	37	-	F	F	F	15	5.0	2.4	Lean (M), deadwood (L)	Preserve	Private	-
273	Austrian Pine	*Pinus nigra*	44	-	G	G	FG		5.0	3.0		Preserve	Private	-
274	Austrian Pine	*Pinus nigra*	31.5	-	FG	FG	F		4.0	2.4	Crook (L), asymmetrical crown (L)	Injure	Private	-

275	Scots Pine	*Pinus sylvestris*	31	-	F	F	F	10	4.0	2.4	Lean (L), crook (L), deadwood (L)	Remove	Private	3
276	Scots Pine	*Pinus sylvestris*	23	-	F	FG	F		4.0	1.8	Lean (L), asymmetrical crown (L)	Preserve	Private	-
277	Austrian Pine	*Pinus nigra*	39.5	-	F	F	F	15	4.0	2.4	Crook (L), deadwood (L)	Injure	Private	-
278	Austrian Pine	*Pinus nigra*	31	-	G	FG	FG		4.0	2.4	Asymmetrical crown (L)	Preserve	Private	-
279	Silver Maple	*Acer saccharinum*	45	-	G	F	F	10	6.0	3.0	Poor branch unions, deadwood (L)	Remove	Private	3
280	Austrian Pine	*Pinus nigra*	35	-	F	G	FG		5.0	2.4	Lean (L), crook (L)	Remove	Private	3
281	Austrian Pine	*Pinus nigra*	33.5	-	F	F	F	10	4.0	2.4	Sweep (L), lean (L), crook (L), asymmetrical crown (L), deadwood (L)	Remove	Private	3
282	Austrian Pine	*Pinus nigra*	34	-	FG	G	FG		5.0	2.4	Sweep (L)	Preserve	Private	-
283	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	39	-	G	G	F		5.0	2.4		Preserve	Private	-
284	Austrian Pine	*Pinus nigra*	34	-	FG	F	F	15	4.0	2.4	Sweep (L), asymmetrical crown (L), deadwood (L)	Preserve	Private	-
285	Austrian Pine	*Pinus nigra*	42	-	FG	F	F	10	4.0	3.0	Sweep (L), asymmetrical crown (L), deadwood (L)	Remove	Private	3
286	Austrian Pine	*Pinus nigra*	32	-	G	F	F	20	4.0	2.4	Asymmetrical crown (L), deadwood (L)	Preserve	Private	-
287	Austrian Pine	*Pinus nigra*	34	-	F	F	PF	20	4.0	2.4	Sweep (L), sap oozing in crown, deadwood (L)	Remove	Private	3
288	Austrian Pine	*Pinus nigra*	57	-	F	FG	F		5.0	3.6	Lean (L), union (codominance) at 3m	Remove	Private	4
289	Austrian Pine	*Pinus nigra*	29	-	FG	F	F	10	3.0	1.8	Sweep (L), deadwood (L)	Injure	Private	-
290	Austrian Pine	*Pinus nigra*	30	-	FG	F	PF	30	4.0	1.8	Sweep (L), deadwood (M)	Injure	Private	-
291	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	41	-	G	F	F	15	5.0	3.0	Asymmetrical crown (M), deadwood (L)	Remove	Private	3
292	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	40	-	G	G	FG		5.0	2.4		Remove	Private	3
293	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	44.5	-	FG	F	F	15	6.0	3.0	Asymmetrical crown (M), deadwood (L), cavities (VL)	Remove	Private	3
294	Silver Maple	*Acer saccharinum*	48	-	G	G	FG		6.0	3.0		Remove	Private	4
295	Silver Maple	*Acer saccharinum*	37.5	-	F	FG	FG		5.0	2.4	One leader cut at 2m, decay (M) in trunk, broken branches (L)	Remove	Private	3
296	Silver Maple	*Acer saccharinum*	31	-	G	F	F		5.0	2.4	Epicormic branching (M)	Remove	Private	3
297	Silver Maple	*Acer saccharinum*	39	-	FG	FG	FG		6.0	2.4	Lean (L), asymmetrical crown (L)	Remove	Private	3

298	Silver Maple	*Acer saccharinum*	28.5	-	FG	F	F		4.0	1.8	Union (codominance) at 2.5m, epicormic branching (L)	Remove	Private	2
299	Silver Maple	*Acer saccharinum*	38.5	-	F	F	F		5.0	2.4	Bow (M), pruning wounds (M), poor form (L)	Remove	Private	3
300	Silver Maple	*Acer saccharinum*	48	-	G	G	FG		6.0	3.0		Remove	Private	4
301	Silver Maple	*Acer saccharinum*	32	-	F	PF	PF	50	4.0	2.4	Union at 2m with one leader dead, deadwood (M), lean (L), poor form (L)	Remove	Private	3
302	Silver Maple	*Acer saccharinum*	44.5	-	G	G	FG		6.0	3.0		Remove	Private	3
303	White Ash	*Fraxinus americana*	31.5	-	PF	P	P	80	3.0	2.4	Emerald Ash Borer (H), deadwood (H), epicormic branching (M), poor form (H)	Remove (Condition)	Private	3
304	White Ash	*Fraxinus americana*	42.5	-	P	P	P	90	5.0	3.0	Emerald Ash Borer (H), deadwood (H), bow (M), epicormic branching (M)	Remove (Condition)	Private	3
305	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	33	-	F	F	F		5.0	2.4	Bow (L), lean (L), epicormic branching (M)	Remove	Private	3
306	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	25	-	FG	FG	F		4.0	1.8	Lean (L), crook (L) in crown	Remove	Private	2
307	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	45	-	G	G	FG		6.0	3.0		Remove	Private	3
308	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	40.5	-	FG	F	F		5.0	3.0	Bow (L), epicormic branching (L), asymmetrical crown (L)	Remove	Private	3
309	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	31	-	F	F	F	15	5.0	2.4	Poor form (L), crook (M), epicormic branching (L), deadwood (L)	Remove	Private	3
310	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	27	-	F	PF	PF	50	3.0	1.8	Sweep (L), crook (M), deadwood (M), asymmetrical crown (M)	Remove	Private	2
311	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	43	-	F	PF	F	10	5.0	3.0	V-union at 2m with leaders fused to 2.5m, deadwood (L)	Remove	Private	3
312	Silver Maple	*Acer saccharinum*	70	-	G	G	FG		6.0	4.2	Pruning wounds (M)	Remove	Private	5
313	Austrian Pine	*Pinus nigra*	33	-	F	F	F	15	4.0	2.4	Sweep (L), bow (L), deadwood (L)	Remove	Private	3
314	Austrian Pine	*Pinus nigra*	30	-	FG	F	F	10	5.0	1.8	Sweep (L), deadwood (L), asymmetrical crown (L)	Remove	Private	2
315	Silver Maple	*Acer saccharinum*	35, 25, 22	48.5	FG	F	F		5.0	3.0	Union at 0.5m, epicormic branching (L), deadwood (L)	Remove	Private	4
316	Silver Maple	*Acer saccharinum*	44	-	FG	F	F	10	6.0	3.0	Union (codominance) at 2.5m, deadwood (L)	Remove	Private	3
317	Silver Maple	*Acer saccharinum*	33.5, 32.5	46.5	PF	F	F		6.0	3.0	Union (codominance) at 0.5m with cavities (M) at union, epicormic branching (L)	Remove	Private	4

318	Silver Maple	*Acer saccharinum*	35	-	FG	F	F		5.0	2.4	Crook (L), broken branches (L), asymmetrical crown (L)	Remove	Private	3
319	Austrian Pine	*Pinus nigra*	24	-	PF	F	F		3.0	1.8	Sweep (M), crook (M)	Remove	Private	2
320	Silver Maple	*Acer saccharinum*	35	-	F	F	FG		4.0	2.4	V-union (codominance) at 3m	Remove	Private	3
321	Austrian Pine	*Pinus nigra*	24	-	FG	FG	PF		3.0	1.8	Sweep (L), sparse crown	Remove	Private	2
322	Silver Maple	*Acer saccharinum*	60.5	-	F	FG	FG		6.0	4.2	Pruning wounds (L), canker (L), lean (L)	Remove	Private	4
323	Silver Maple	*Acer saccharinum*	37	-	G	G	FG		4.0	2.4		Remove	Private	3
324	Silver Maple	*Acer saccharinum*	38	-	F	F	F		5.0	2.4	Lean (L), v-union at 3m, broken branches (L)	Remove	Private	3
325	Silver Maple	*Acer saccharinum*	50	-	G	G	FG		5.0	3.0		Remove	Private	4
326	Austrian Pine	*Pinus nigra*	49	-	F	F	F	10	5.0	3.0	Bow (M), crook (L), asymmetrical crown (M), deadwood (L)	Remove	Private	4
327	Austrian Pine	*Pinus nigra*	35, 35	49.5	F	PF	F	10	5.0	3.0	V-union (codominance) at 0.1m with leaders fused to 0.75m, asymmetrical crown (L), deadwood (L)	Remove	Private	4
328	Silver Maple	*Acer saccharinum*	37.5	-	G	F	F	15	5.0	2.4	Deadwood (L)	Remove	Private	3
329	Austrian Pine	*Pinus nigra*	34	-	F	PF	PF	40	3.0	2.4	Union (codominance) at 3m with one leader dead, deadwood (M)	Remove	Private	3
330	Austrian Pine	*Pinus nigra*	33	-	D	D	D	100	-	2.4	Dead	Remove (Condition)	Private	3
331	Austrian Pine	*Pinus nigra*	38	-	G	F	F	10	4.0	2.4	Deadwood (L)	Remove	Private	3
332	Austrian Pine	*Pinus nigra*	49	-	G	G	FG		5.0	3.0		Remove	Private	4
333	Pin Cherry	*Prunus pensylvanica*	20	-	F	G	G		4.0	1.5	Sweep (L), included fence (L)	Preserve	Private	-
334	Siberian Elm	*Ulmus pumila*	20.5	-	G	G	FG		3.0	1.8		Preserve	Private	-
335	Siberian Elm	*Ulmus pumila*	29	-	F	F	F	10	4.0	1.8	V-union (codominance) at 1.5m, growth deficit (L), deadwood (L)	Preserve	Private	-
336	Poplar species	*Populus sp.*	29.5	-	G	G	FG		3.0	1.8		Preserve	Private	-
337	Poplar species	*Populus sp.*	32	-	F	G	FG		3.0	2.4	Sweep (M)	Preserve	Private	-
338	Poplar species	*Populus sp.*	~42	-	PF	PF	PF	50	3.0	3.0	Sweep (L), lean (M), deadwood (M)	Preserve	Private	-
339	Apple species	*Malus spp.*	11	-	G	F	F		3.0	1.5	Epicormic branching (M), asymmetrical crown (L)	Preserve	Private	-
340	Austrian Pine	*Pinus nigra*	48.5	-	G	G	FG		5.0	3.0		Preserve	Private	-
341	Austrian Pine	*Pinus nigra*	34.5	-	F	F	F	10	3.0	2.4	Crook (M), deadwood (L)	Preserve	Private	-

342	Austrian Pine	*Pinus nigra*	39.5	-	G	F	F	15	3.0	2.4	Deadwood (L)	Injure	Private	-
343	Austrian Pine	*Pinus nigra*	31	-	G	F	F	20	3.0	2.4	Deadwood (L)	Injure	Private	-
344	Austrian Pine	*Pinus nigra*	44	-	FG	FG	FG		5.0	3.0	Sweep (L), asymmetrical crown (L)	Injure	Private	-
345	Austrian Pine	*Pinus nigra*	43	-	FG	G	FG		4.0	3.0	Sweep (L)	Injure	Private	-
346	Austrian Pine	*Pinus nigra*	42	-	FG	F	F	10	4.0	3.0	Sweep (L), asymmetrical crown (M), deadwood (L)	Remove	Private	3
347	Austrian Pine	*Pinus nigra*	51	-	G	F	F	20	4.0	3.6	Deadwood (L)	Injure	Private	-
348	Austrian Pine	*Pinus nigra*	38.5	-	FG	F	F	20	4.0	2.4	Deadwood (L), lean (L)	Preserve	Private	-
349	Silver Maple	*Acer saccharinum*	84	-	FG	F	F	10	6.0	5.4	Pruning wounds (M), v-union at 2.5m, deadwood (L)	Remove	Private	6
350	Silver Maple	*Acer saccharinum*	42.5, 28.5	51	FG	F	F	10	4.0	3.6	Union at base, v-union at 1.5m with included bark, deadwood (L)	Remove	Private	4
351	Silver Maple	*Acer saccharinum*	60	-	FG	FG	FG		5.0	3.6	Poor branch unions	Remove	Private	4
352	Silver Maple	*Acer saccharinum*	45	-	G	F	FG		5.0	3.0	Broken branches (M)	Remove	Private	3
353	Silver Maple	*Acer saccharinum*	48.5, 21	53	FG	FG	FG		5.0	3.6	V-union at 1m with included bark	Remove	Private	4
354	Silver Maple	*Acer saccharinum*	88	-	FG	F	F	10	8.0	5.4	Pruning wounds (L), vertical crack on branch on northeast side of tree, deadwood (L)	Remove	Private	6
355	Silver Maple	*Acer saccharinum*	69	-	FG	F	F		8.0	4.2	Asymmetrical crown (L), broken branches (L), pruning wounds (M)	Remove	Private	5
356	Silver Maple	*Acer saccharinum*	44	-	G	G	G		4.0	3.0		Remove	Private	3
357	Silver Maple	*Acer saccharinum*	54	-	F	F	F		5.0	3.6	Asymmetrical crown (M), pruning wounds (M) with decay (M), epicormic branching (M)	Remove	Private	4
358	Austrian Pine	*Pinus nigra*	52	-	FG	F	F	30	4.0	3.6	Asymmetrical crown (M), deadwood (M), lean (L)	Remove	Private	4
359	Silver Maple	*Acer saccharinum*	46	-	G	FG	F	10	6.0	3.0	Deadwood (L)	Remove	Private	4
360	Austrian Pine	*Pinus nigra*	34	-	G	PF	F	20	3.0	2.4	Asymmetrical crown (L), deadwood (L), sparse crown (L)	Remove	Private	3
361	Austrian Pine	*Pinus nigra*	39.5	-	FG	PF	F	20	4.0	2.4	Asymmetrical crown (M), deadwood (L), crook (L)	Preserve	Private	-
362	Austrian Pine	*Pinus nigra*	41	-	FG	PF	F	15	4.0	3.0	Sweep (L), asymmetrical crown (M), deadwood (L)	Injure	Private	-
363	Austrian Pine	*Pinus nigra*	41	-	F	PF	PF	60	4.0	3.0	Sweep (L), asymmetrical crown (M), deadwood (M), crook (M)	Injure	Private	-

364	Austrian Pine	*Pinus nigra*	49.5	-	G	F	F	30	5.0	3.0	Asymmetrical crown (L), deadwood (M)	Injure	Private	-
365	Austrian Pine	*Pinus nigra*	36	-	FG	G	FG		4.0	2.4	Sweep (L)	Preserve	Private	-
366	Austrian Pine	*Pinus nigra*	49.5	-	G	G	FG		5.0	3.0		Preserve	Private	-
367	Austrian Pine	*Pinus nigra*	50	-	G	F	F	15	4.0	3.0	Deadwood (L)	Preserve	Private	-
368	Austrian Pine	*Pinus nigra*	44.5	-	F	F	F	15	4.0	3.0	Crook (M), poor form (L), deadwood (L)	Preserve	Private	-
369	Austrian Pine	*Pinus nigra*	~42, 37	56	F	PF	F	10	4.0	3.6	V-union (codominance) at 1m with leaders fused to 2.5m, deadwood (L)	Preserve	Private	-
370	Poplar species	*Populus sp.*	36, 25.5, 21, 15	51	F	PF	P	70	3.0	3.6	Deadwood (H), union at 2m, bark peeling, exposed roots (L) with wounds (M)	Preserve	Private	-
371	Austrian Pine	*Pinus nigra*	44.5	-	G	FG	F		4.0	3.0	Crossing branches in crown	Preserve	Private	-
372	Austrian Pine	*Pinus nigra*	45	-	F	F	F	10	4.0	3.0	Sweep (M), asymmetrical crown (L), deadwood (L)	Preserve	Private	-
373	Austrian Pine	*Pinus nigra*	49	-	F	FG	FG		4.0	3.0	Crook (M), asymmetrical crown (L)	Preserve	Private	-
374	Austrian Pine	*Pinus nigra*	50	-	F	PF	F	10	4.0	3.0	V-union at 2m with leaders fused to 3m, deadwood (L)	Injure	Private	-
375	Silver Maple	*Acer saccharinum*	44	-	FG	F	F		5.0	3.0	Pruning wounds (M), broken branches (L), bow (L)	Injure	Private	-
376	Austrian Pine	*Pinus nigra*	42	-	FG	FG	FG		4.0	3.0	Sweep (L), asymmetrical crown (L)	Preserve	Private	-
377	Austrian Pine	*Pinus nigra*	42.5	-	FG	F	F	10	4.0	3.0	Sweep (L), asymmetrical crown (L), deadwood (L)	Injure	Private	-
378	Austrian Pine	*Pinus nigra*	35	-	FG	FG	FG		4.0	2.4	Sweep (L), asymmetrical crown (L)	Injure	Private	-
379	Austrian Pine	*Pinus nigra*	45	-	F	FG	FG		4.0	3.0	Sweep (L), crook (L) in crown	Preserve	Private	-
380	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	51	-	G	F	F	15	6.0	3.6	Deadwood (L)	Injure	Private	-
381	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	31	-	G	FG	FG		5.0	2.4	Pruning wounds (L), asymmetrical crown (L)	Remove	Private	3
382	Silver Maple	*Acer saccharinum*	54	-	G	G	FG		6.0	3.6		Remove	Private	4
383	Silver Maple	*Acer saccharinum*	26, 19, 13	34.5	FG	F	FG		4.0	2.4	Unions at 1m and 1.5m, asymmetrical crown (L)	Remove	Private	3
384	Silver Maple	*Acer saccharinum*	41, 37, 36	66	G	F	F	15	6.0	4.2	Union at 1.4m, deadwood (L)	Remove	Private	5
A	Thornless Honey Locust	*Gleditsia triacanthos 'inermis'*	~38	-	G	G	FG		6.0	2.4		Preserve	Neighbour	-

B	Austrian Pine	*Pinus nigra*	~42	-	G	G	FG		5.0	3.0		Preserve	Neighbour	-
C	Austrian Pine	*Pinus nigra*	~46	-	FG	G	F		5.0	3.0	Lean (L)	Preserve	Neighbour	-
D	Austrian Pine	*Pinus nigra*	~44	-	FG	FG	FG		4.0	3.0	Poor form (L), crook (L)	Preserve	Neighbour	-
E	Austrian Pine	*Pinus nigra*	~42	-	FG	G	F		4.0	3.0	Sweep (L)	Preserve	Neighbour	-
F	Austrian Pine	*Pinus nigra*	~40	-	FG	FG	F		4.0	2.4	Lean (L), poor form (L)	Preserve	Neighbour	-
G	Austrian Pine	*Pinus nigra*	~36	-	G	G	FG		4.0	2.4		Preserve	Neighbour	-
H	Austrian Pine	*Pinus nigra*	~38	-	FG	G	FG		4.0	2.4	Lean (L)	Preserve	Neighbour	-
I	Austrian Pine	*Pinus nigra*	~44	-	G	G	FG		4.0	3.0		Preserve	Neighbour	-
J	Austrian Pine	*Pinus nigra*	~40	-	G	G	FG		4.0	2.4		Preserve	Neighbour	-
K	Austrian Pine	*Pinus nigra*	~42	-	G	G	FG		4.0	3.0		Preserve	Neighbour	-
P1	See Table 2											Preserve	Neighbour	-
P2	See Table 2											Partially Remove	Private	-
P3	See Table 2											Preserve	Private	-

Codes		
DBH	Diameter at Breast Height	*(cm)*
TI	Trunk Integrity	*(G, F, P)*
CS	Crown Structure	*(G, F, P)*
CV	Crown Vigor	*(G, F, P)*
CDB	Crown Dieback	*(%)*
DL	Dripline	*(m)*
mTPZ	Minimum Tree Protection Zone, as measured from edge of tree	*(m)*
Owner	Ownership	*(City, Private, Neighbour, Shared)*
# Rep.	Replacement Plantings Required	*# of Trees*
~ = estimate; (VL) = very light; (L) = light; (M) = moderate; (H) = heavy; (VH) = very heavy; G = good; F = fair; P = poor; D = dead		

Table 2. Stand Tally Analysis for Polygons

P1 - Stand Tally Analysis

Tree Size Class >	10cm - 25cm		26cm - 37cm		38cm - 49cm		50cm +		Total All Sizes	
Species	***AGS***	***UGS***	***AGS***	***UGS***	***AGS***	***UGS***	***AGS***	***UGS***	***AGS***	***UGS***
Pin Cherry (*Prunus pensylvanica*)	20	1	0	0	0	0	0	0	***20***	***1***
White Ash (*Fraxinus americana*)	0	6	0	1	0	1	0	0	***0***	***8***
Siberian Elm (*Ulmus pumila*)	11	0	0	0	0	0	0	0	***11***	***0***
Norway Maple (*Acer platanoides*)	1	0	0	0	0	0	0	0	***1***	***0***
Total Number of Trees	***32***	***7***	***0***	***1***	***0***	***1***	***0***	***0***	***32***	***9***

P2 - Stand Tally Analysis

Tree Size Class >	10cm - 25cm		26cm - 37cm		38cm - 49cm		50cm +		Total All Sizes	
Species	***AGS***	***UGS***	***AGS***	***UGS***	***AGS***	***UGS***	***AGS***	***UGS***	***AGS***	***UGS***
Basswood (*Tilia americana*)	2	4	0	0	0	0	0	0	***2***	***4***
Norway Maple (*Acer platanoides*)	6	6	1	1	0	0	0	0	***7***	***7***
White Ash (*Fraxinus americana*)	0	28	0	1	0	1	0	0	***0***	***30***
Bur Oak (*Quercus macrocarpa*)	2	0	0	0	0	0	0	0	***2***	***0***
White Elm (*Ulmus americana*)	0	2	0	0	0	0	0	0	***0***	***2***
Apple species (*Malus sp.*)	0	4	0	0	0	0	0	0	***0***	***4***
Pin Cherry (*Prunus pensylvanica*)	3	1	1	0	0	0	0	0	***4***	***1***
Total Number of Trees	***13***	***45***	***2***	***2***	***0***	***1***	***0***	***0***	***15***	***48***

P3 - Stand Tally Analysis

Tree Size Class >	**10cm - 25cm**		**26cm - 37cm**		**38cm - 49cm**		**50cm +**		**Total All Sizes**	
Species	***AGS***	***UGS***	***AGS***	***UGS***	***AGS***	***UGS***	***AGS***	***UGS***	***AGS***	***UGS***
European Spindle (*Euonymus europaeus*)	0	1	0	0	0	0	0	0	***0***	***1***
Norway Maple (*Acer platanoides*)	25	9	3	0	1	0	0	0	***29***	***9***
Basswood (*Tilia americana*)	2	2	0	2	0	0	0	0	***2***	***4***
Poplar species (*Populus sp.*)	1	5	1	1	0	0	0	0	***2***	***6***
Apple species (*Malus sp.*)	0	4	0	0	0	0	0	0	***0***	***4***
White Ash (*Fraxinus americana*)	0	4	0	1	0	0	0	0	***0***	***5***
White Mulberry (*Morus alba*)	2	2	0	0	0	1	0	0	***2***	***3***
Norway Maple (*Acer platanoides*)	9	6	1	0	0	0	0	0	***10***	***6***
Manitoba Maple (*Acer negundo*)	1	0	0	0	0	0	0	0	***1***	***0***
Black Cherry (*Prunus serotina*)	0	1	0	0	0	0	0	0	***0***	***1***
Total Number of Trees	***40***	***34***	***5***	***4***	***1***	***1***	***0***	***0***	***46***	***39***

Table 3. City Tree Valuation

Location: 1840 - 1850 Bloor Street, Mississauga

Tree #	Common Name	Scientific Name	DBH	Calculated DBH for Multistem Trees	OC	*Appraised Trunk Area (cm^2)*	*Unit Tree Cost (RPAC) ($/cm^2$)*	*Basic Tree Cost ($)*	Depreciation			***Appraised Tree Value***	***Adjusted Tree Value***
									Condition Rating (%)	*Functional Limitation Rating (%)*	*External Limitation Rating (%)*		
151	Basswood	*Tilia americana*	49, 45, 38	76.5	F	4596	6.51	29922.29	0.55	0.3	0.6	$ 2,962.31	$ 3,000.00
												Total	**$ 3,000.00**

Appendix A. Site Photographs

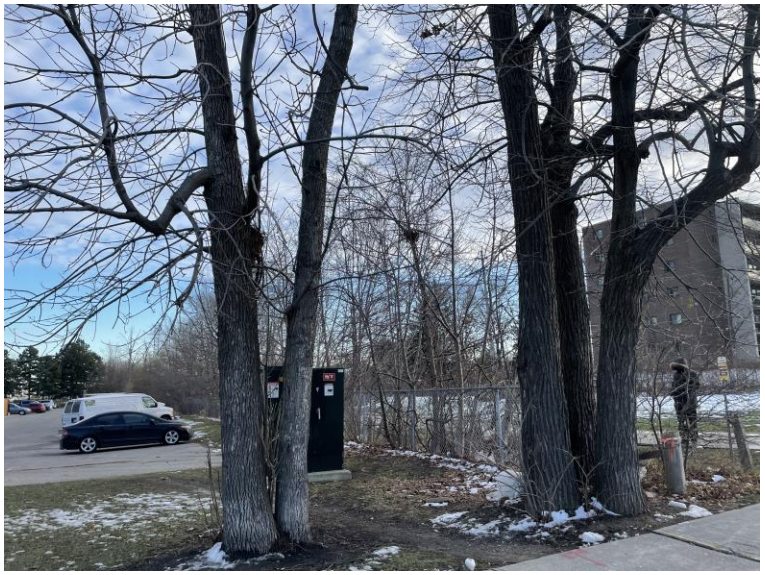

Image 1. Trees 151 (right) and 152 (left)

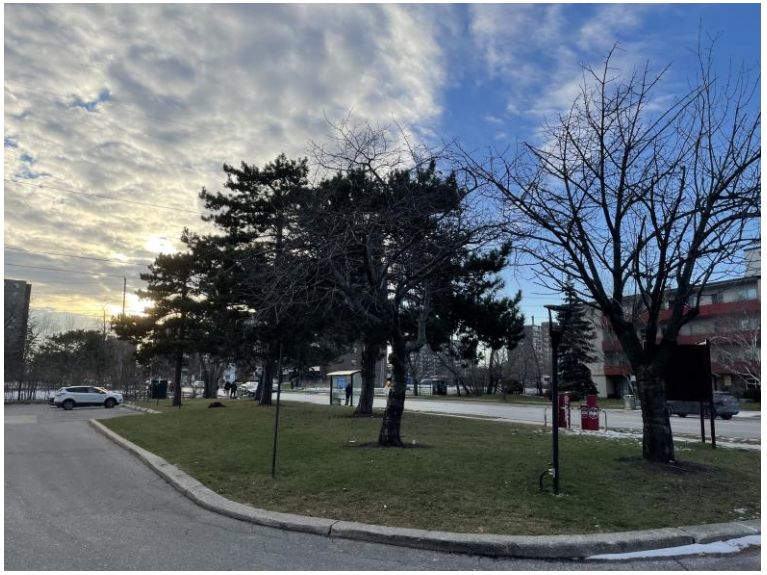

Image 2. Near Tree 158 (right), facing west

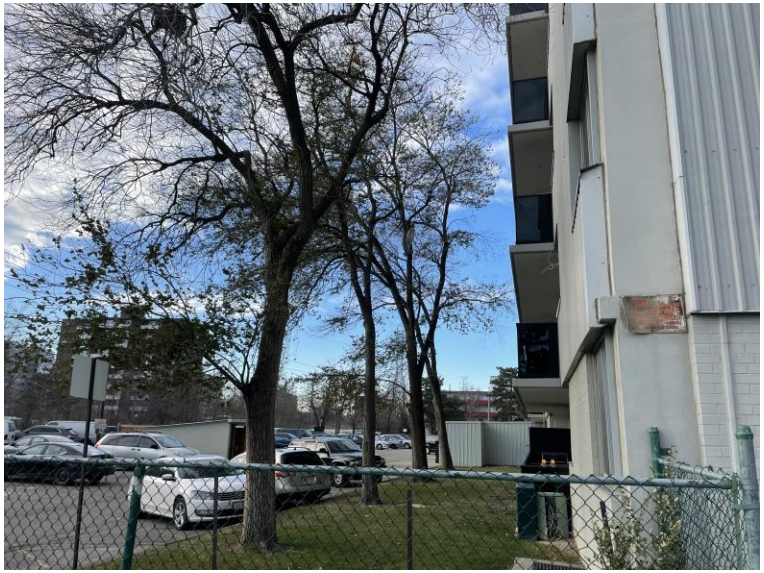

Image 3. From far to near, Trees 159 – 162

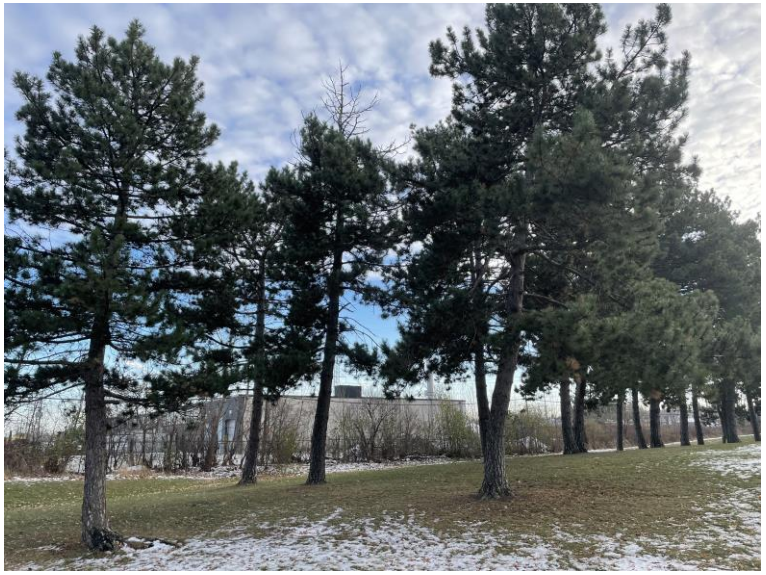

Image 4. Near Tree 193 (left), facing south

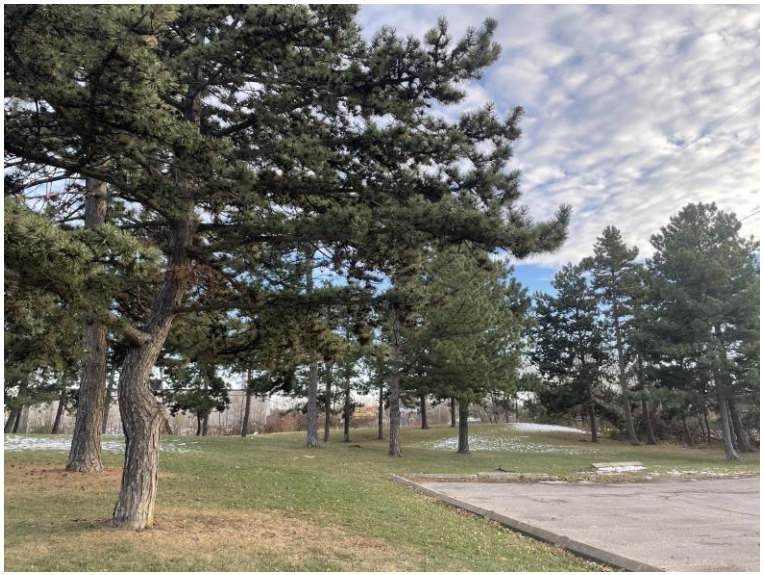

Image 5. Near Tree 198 (near), facing south

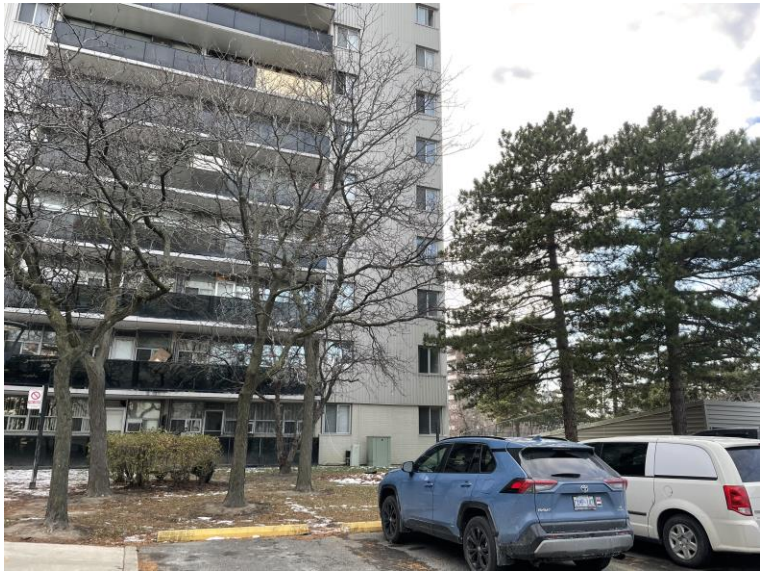

Image 6. Near Tree 204 (left), facing west

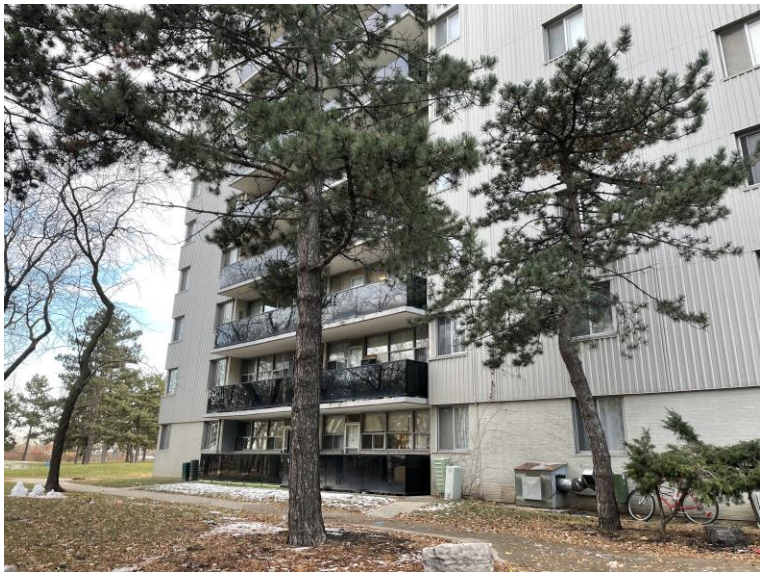

Image 7. From right to left, Trees 207, 208, and 215

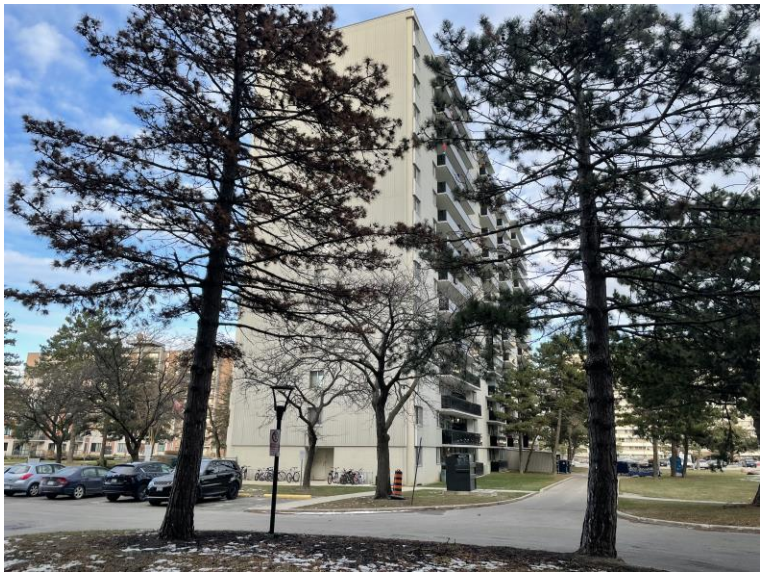

Image 8. Trees 209 (near, right) and 210 (near, left)

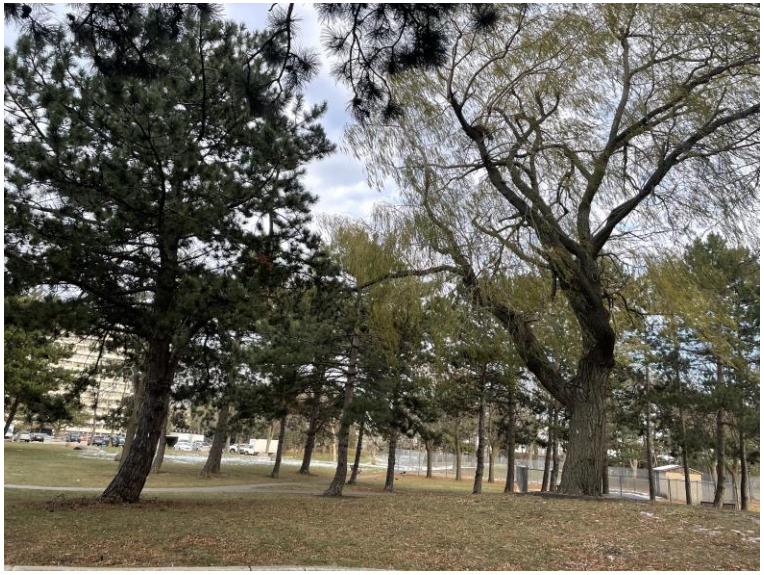

Image 9. Near Tree 211 (left), facing east

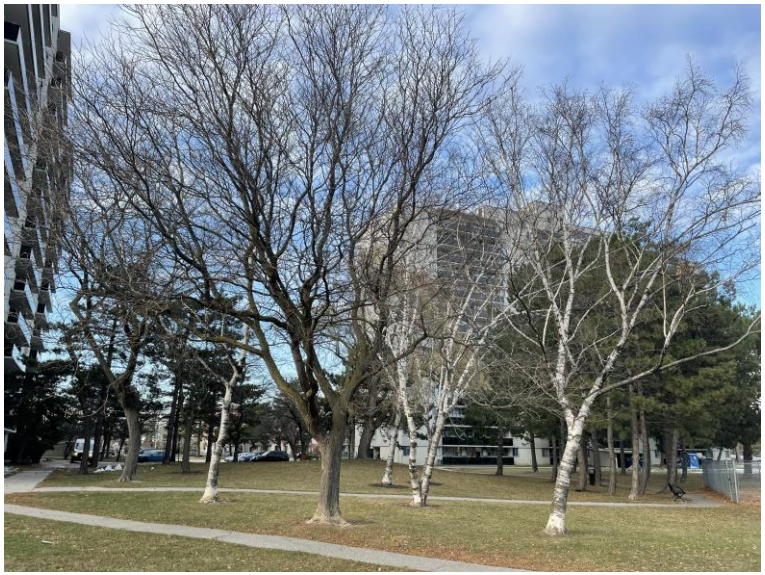

Image 10. Near Tree 232 (centre), facing northwest

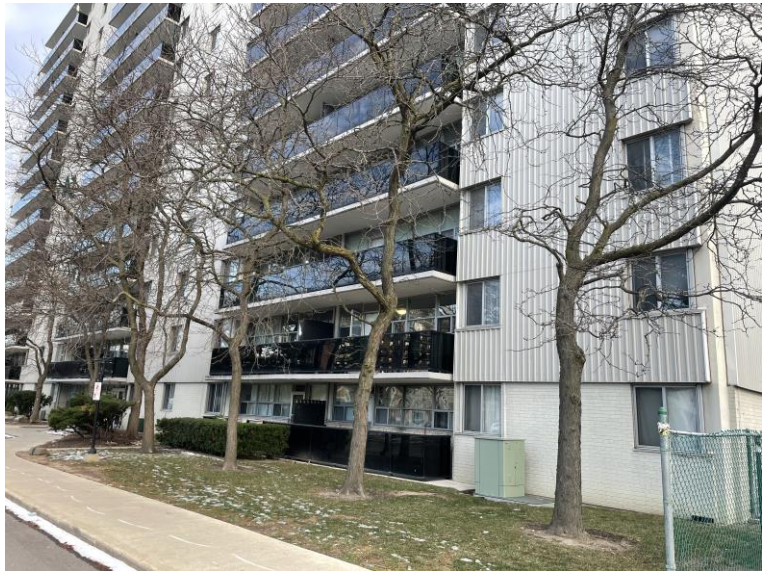

Image 11. From near to far, Trees 151 – 157

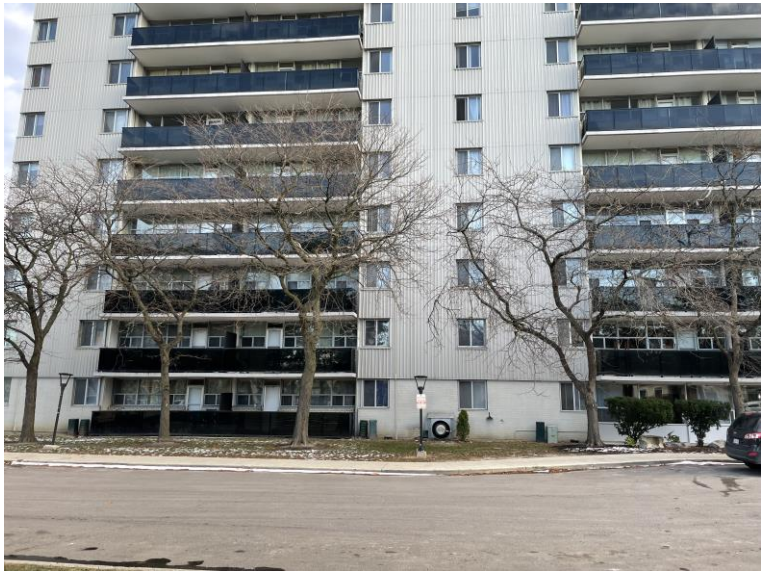

Image 12. From right to left, Trees 157 – 161

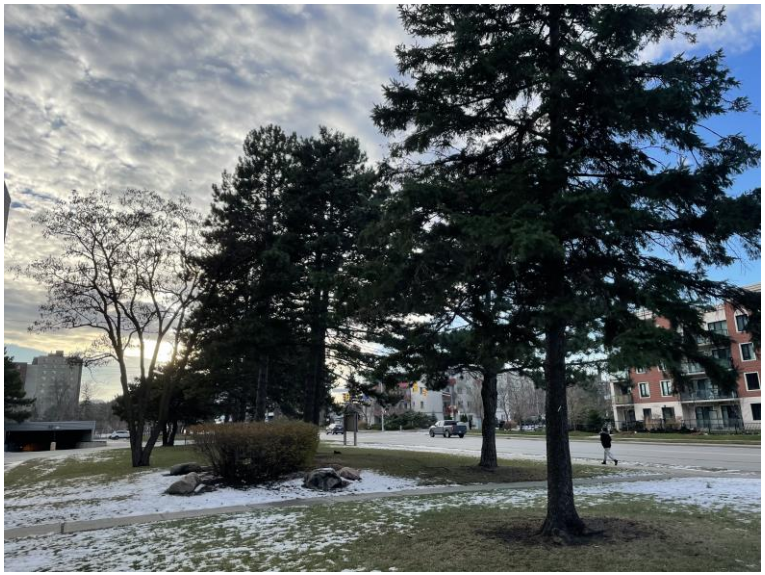

Image 13. Near Tree 262 (right), facing west

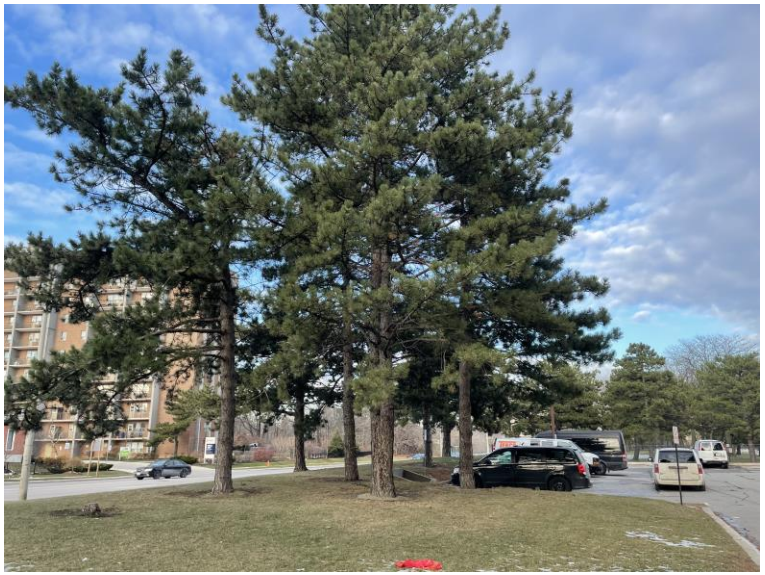

Image 14. Near Tree 263 (left), facing north

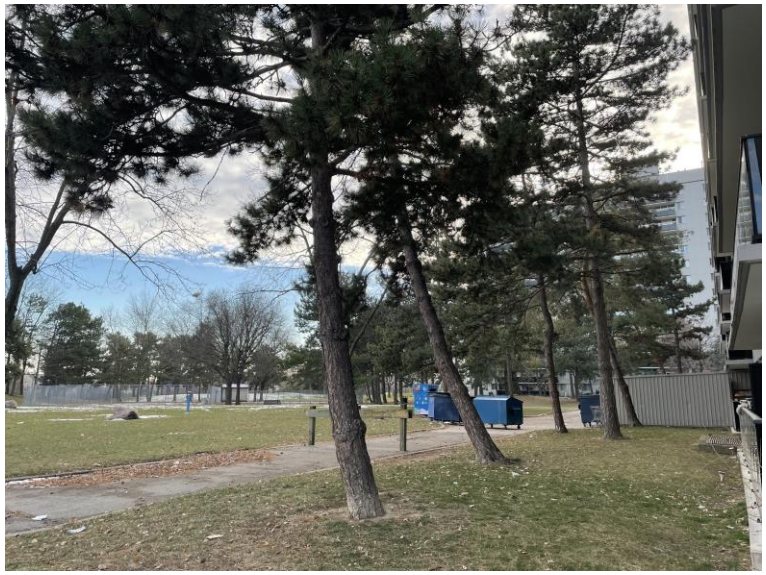

Image 15. Near Tree 271 (centre), facing south

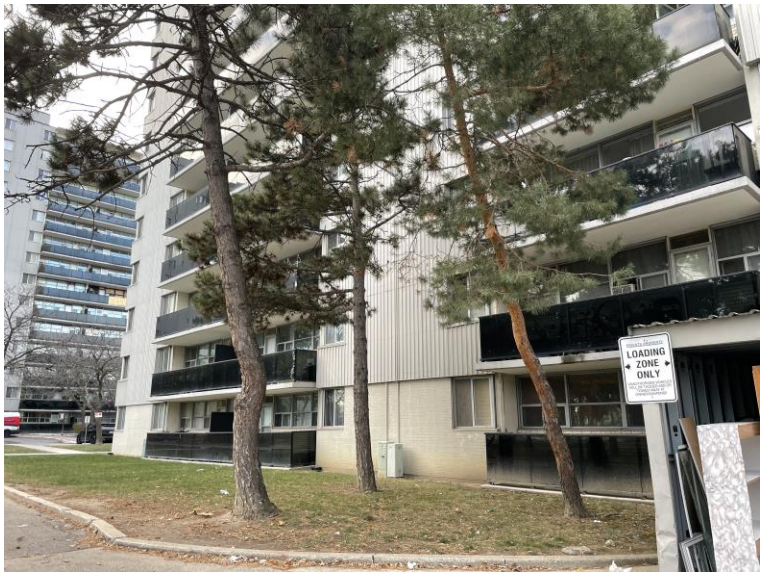

Image 16. From right to left, Tree 276, 278, and 277

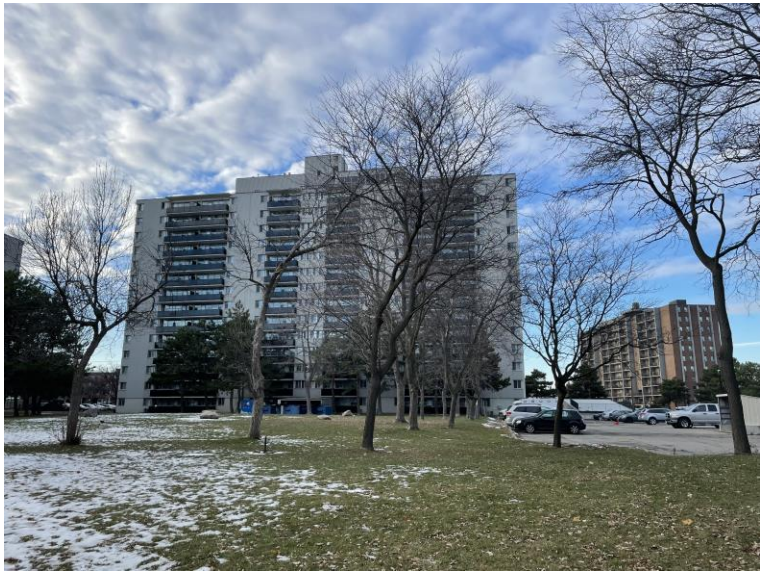

Image 17. Near Tree 303 (left), facing northwest

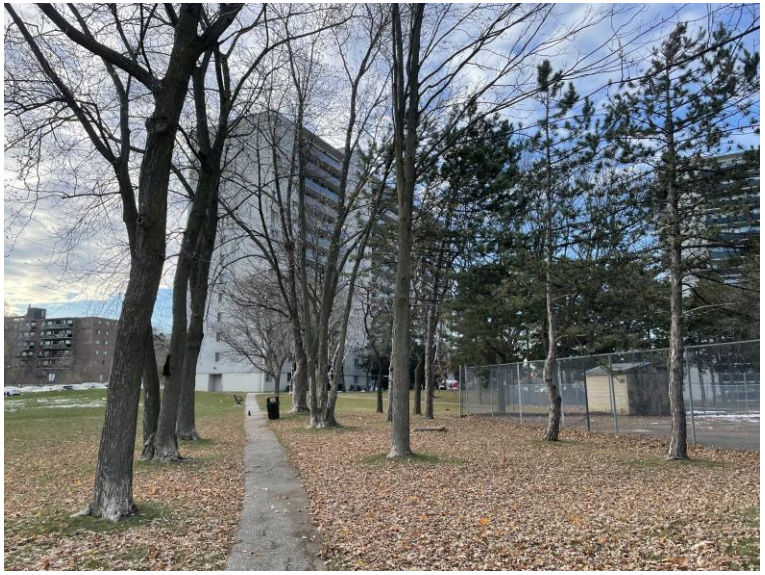

Image 18. Near Tree 318 (left), facing west

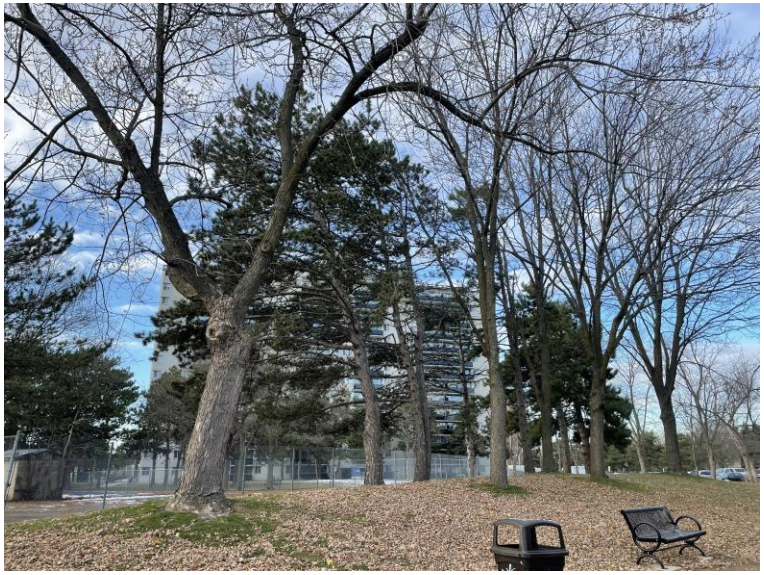

Image 19. Near Tree 322 (left), facing northwest

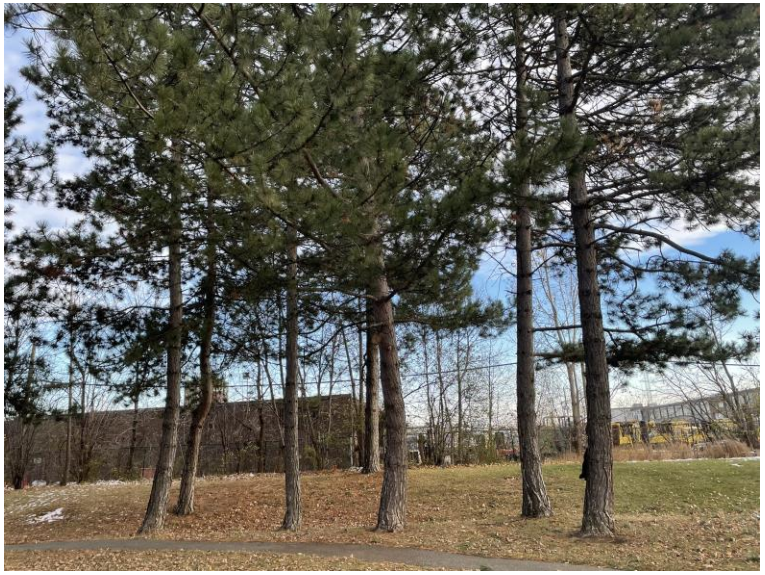

Image 20. Near Tree 346 (right), facing southeast

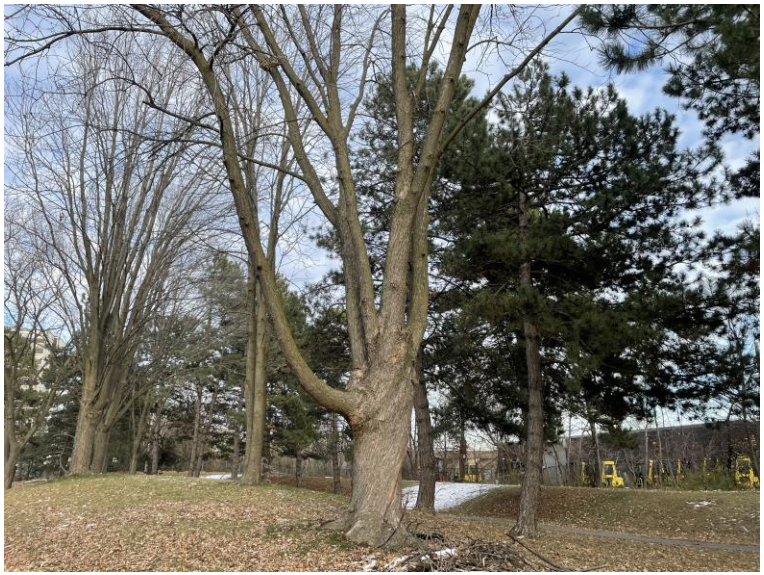

Image 21. Near Tree 349 (centre), facing east

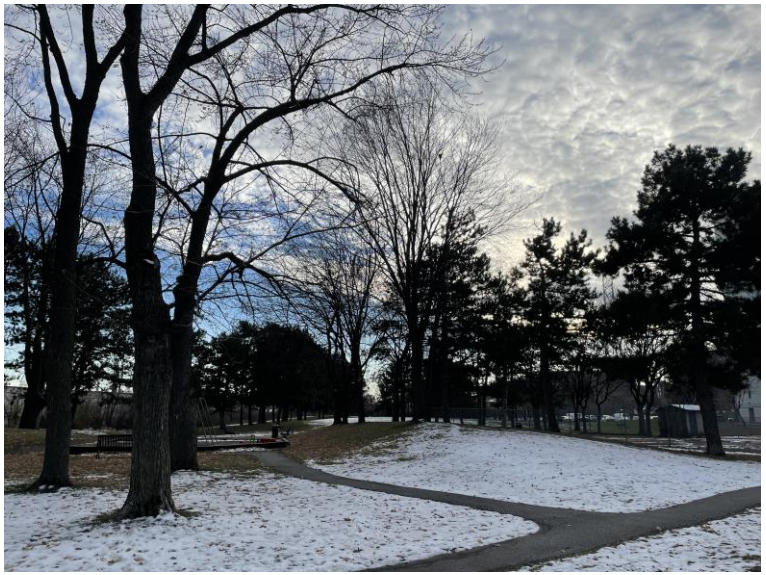

Image 22. Near Tree 357 (near, left), facing south

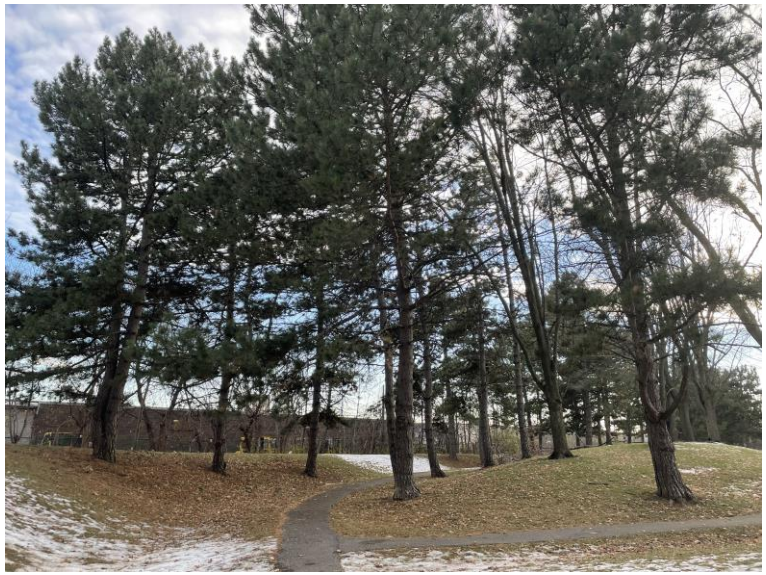

Image 23. Near Tree 358 (right), facing southeast

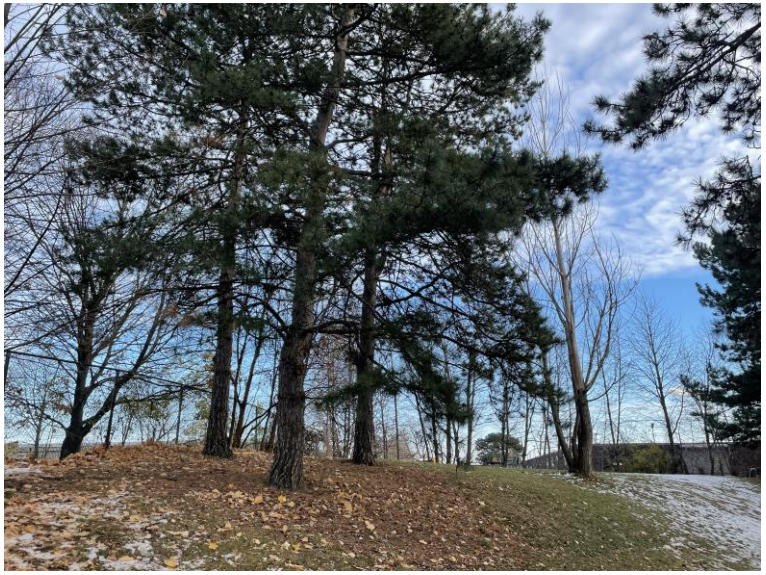

Image 24. Near Tree 373 (near, centre), facing east

Image 25. From right to left (near), Trees 382 – 384