

THIS AGREEMENT made in Aurora as of the 12-Jan-2022 day of 12-Jan-2022, 2021.

BETWEEN:

AURORA (HGD) INC.
(the "Owner")

PARTY OF THE FIRST PART
- and -

THE CORPORATION OF THE TOWN OF AURORA
(the "Town")

PARTY OF THE SECOND PART

WHEREAS the Ontario Municipal Board on January 23, 2017 approved a draft plan of subdivision and related conditions of approval in relation to File No. SUB-2015-01 in accordance with Minutes of Settlement dated November 17, 2016 (the "Draft Plan") that require the Owner to enter into agreements with the Town to satisfy all conditions, legal, financial (including fees and securities) and otherwise of the Town;

AND WHEREAS the Owner has requested the Town's approval for the removal of trees prior to entering into a subdivision agreement related to the Draft Plan;

AND WHEREAS subsection 51(26) of the *Planning Act*, R.S.O., 1990, c. P.13, as amended, allows a municipality to enter into agreements imposed as a condition to the approval of a plan of subdivision and the agreements may be registered against the land to which it applies and the municipality is entitled to enforce the provisions of it against the owner and any and all subsequent owners of the land, subject to the *Land Titles Act*, R.S.O., 1990, c.L.5, as amended;

AND WHEREAS the Town and the Owner have agreed to set out and be bound by the terms and conditions contained in this Agreement;

NOW THEREFORE THIS AGREEMENT WITNESSETH that in consideration of the covenants and promises contained in this Agreement and other good and valuable consideration, the parties to this Agreement covenant and agree with each other as follows:

GLOSSARY OF TERMS

1.1 In this Agreement, the following terms shall have the following meanings:

"Agreement" means this Agreement, all the Schedules referred to in this Agreement, all drawings, studies, specifications, plans and other documents referred to in this Agreement and all amendments in writing executed by each party to this Agreement;

"Director" means the administrative director of the Parks Division of the Town and shall include the designated representative of the Director or any person so designated by the Chief Administrative Officer of the Town or by the Director of that department, as may be changed from time to time, unless otherwise stated;

"Lands" means all of the real property more particularly described in Schedule "A" to this Agreement;

"Owner" means the registered owners of the Lands, and its successors in title, assigns or mortgagees in possession;

"Plans" means the plans, reports, drawings, studies and specifications relating to the Works as listed on Schedule "B" to this Agreement;

"Securities" means all letters of credit or other securities pledged by the Owner to the Town pursuant to subsection 5.2 of this Agreement, in a form satisfactory to the Treasurer with the Owner's name set forth on the Securities being the same as the Owner's name referenced in this Agreement;

"Subdivision Agreement" means the proposed agreement(s) to be entered into between the Owner and the Town respecting the registration of the proposed M-Plan(s) in accordance with the conditions of approval for the Draft Plan;

"Town" means The Corporation of the Town of Aurora;

"Town Clerk" means the clerk for the Town as defined in the *Municipal Act*, and may include the deputy clerk as such duties of the clerk may be assigned in accordance with the *Municipal Act*;

"Town Solicitor" means the Town Solicitor for the Town, or his/her designate;

“**Treasurer**” means the Treasurer of the Town as defined in the *Municipal Act*, and may include the deputy treasurer as such duties of the treasurer may be assigned in accordance with the *Municipal Act, 2001*, S.O. 2001, c. 25, as amended or successor legislation thereto;

“**Vegetation**” means all of the vegetation on the Lands, including, but not limited to, any and all plant life, trees and shrubs, vegetation groupings and individual stems smaller than 100 mm DBH, under storey and ground cover vegetation; and

“**Works**” means all of the vegetation management works to be performed, conducted, or maintained, or caused to be performed, conducted, or maintained in accordance with the Plans and pursuant to the terms of this Agreement, including, but not limited to, any clearing or grubbing, placing of fill, grading and/or excavation on the Lands and installing tree protection fencing along the limits of the construction/building area as required.

- 1.2 If the context permits, words or definitions importing the singular include the plural thereof and vice versa and words importing gender include masculine, feminine, and neuter.
- 1.3 The division of this Agreement into sections and the insertion of headings exist only for convenience of reference and are not intended to affect the construction or interpretation of this Agreement.

TERM

- 2.1 This Agreement shall remain in force and effect until such time as either all of the obligations contained in this Agreement have been completed and the related Securities have been released in their entirety; or all of the obligations contained in this Agreement have been incorporated into or subsumed or superseded by the Subdivision Agreement.

PARKS DIVISION REQUIREMENTS

- 3.1 The Owner shall carry out or cause to be carried out the Works, including the implementation of all arboricultural practices, protection measures, and compensation plantings where applicable, in accordance with the Plans and to the satisfaction of the Director. The Owner acknowledges that the Works may be required to be altered at the sole expense of the Owner in accordance with the Subdivision Agreement.
- 3.2 The Owner and the Town acknowledge and agree that it is the sole responsibility of the Owner, at the Owner's sole cost and expense, to obtain legal access over any external or adjoining lands or streets, should such access be required to complete the Works, prior to commencing with any such Works on said external or adjoining lands or streets.
- 3.3 The Owner shall not disturb any Vegetation, except as otherwise required in accordance with the Plans and as may otherwise be specifically set out in this Agreement. Any such unauthorized disturbance of the Vegetation on the Lands shall be treated as if it was a contravention of the Town's Private Tree Protection By-law No. 5850-16, as amended or successor thereto, and will be subject to any applicable remedies and/or associated penalties.
- 3.4 The Owner shall replace, to the satisfaction of the Director, any Vegetation which is to be preserved pursuant to this Agreement and which is removed, damaged or dies as a result of the Works.
- 3.5 The Owner acknowledges and agrees that nesting birds will not be harmed or disturbed, and that nests or eggs of migratory birds are not disturbed, destroyed or removed in contravention of any applicable legislation, including, but not limited to the *Fish and Wildlife Conservation Act, 1997*, S.O. 1997, c. 41, as amended or successor thereto and the *Migratory Birds Convention Act, 1994*, S.C. 1994, c. 22, as amended or successor thereto. Accordingly, the Owner shall not remove, or cause to be removed, any trees having greater than a 5cm trunk diameter during the annual bird nesting season between April 1st and August 31st of each calendar year. The Owner shall be in default of this Agreement with respect to any contraventions in this regard and the provisions of Section 7 of this Agreement shall prevail.
- 3.6 The Owner shall install tree protection fencing/hoarding on the Lands and shall maintain same in good condition during the completion of the Works to the satisfaction of the Director.
- 3.7 The Owner shall obtain the Director's approval of proposed fencing/hoarding locations on the Lands prior to the commencement of the Works;
- 3.8 Should there be insufficient space on the Lands to provide the compensation plantings shown on the Plans, the Owner shall, prior to the Town's release of the Securities, pay a fee to the Town which is equal to the balance of compensation plantings in such amount as determined by the Director, acting reasonably.

LEGAL SERVICES DIVISION REQUIREMENTS

- 4.1 This Agreement shall be registered on title to the Lands by the Town in the appropriate Land Registry Office to the satisfaction of the Town Solicitor and may be enforced by the Town against subsequent owners of the Lands. The Owner shall pay to the Town the cost of registration of this Agreement as well as any other costs incurred by the Town as a result of the registration of any other documents pertaining to this Agreement. The Owner shall also execute such further assurances as may be deemed necessary by the Town.
- 4.2 The Owner shall, at its own expense, obtain and register a discharge or a consent and postponement of any encumbrance on the Lands. Any consent and postponement by a mortgagee/encumbrancer of the Lands shall be in a form and substance satisfactory to the Town Solicitor and shall be delivered to the Town Solicitor by the Owner in an electronic format pursuant to pursuant to the *Land Registration Reform Act*, R.S.O., 1990, c. L.4, as amended or successor legislation thereto, and the *Electronic Registration Act (Ministry of Consumer and Business Services Statutes)*, 1991, S.O. 1991, c. 44, as amended or successor legislation thereto, to the satisfaction of the Town Solicitor upon execution of this Agreement.

FINANCE DEPARTMENT REQUIREMENTS

- 5.1 Upon execution of this Agreement, the Owner shall pay to the Town to the satisfaction of the Treasurer any and all fees payable in accordance with this Agreement, including but not limited to the amounts set out on Schedule "C" to this Agreement and the Town's Fees and Charges By-law in effect at the time of the execution of this Agreement.
- 5.2 Upon execution of this Agreement, the Owner shall deliver to the Town, the Securities set out on Schedule "D" to this Agreement in a form satisfactory to the Treasurer.
- 5.3 The Owner and the Town acknowledge and agree that all Securities are held by the Town in relation to all of the Owner's obligations pursuant to this Agreement and that Securities held by the Town will not accrue any interest and no interest shall be payable to the Owner.
- 5.4 The Owner and the Town acknowledge and agree that the Treasurer may reduce or release the Securities upon the Owner's request and confirmation of the Director's approval provided that there are not any Claims in relation to this Agreement. Upon execution of the Subdivision Agreement, the Treasurer shall release the Securities.
- 5.5 Any cash Securities must be claimed by the Owner within two (2) years after all of the obligations contained in this Agreement have been fulfilled to the satisfaction of the Town. Any cash Securities that are unclaimed by the Owner after the said the two (2) year period expires shall escheat to the Town and the Owner shall have no further right or entitlement the cash Securities.

DEFAULT PROVISIONS

- 6.1 In the event that the Owner fails to comply with the terms and conditions set out in this Agreement, the Owner shall be in default under the Agreement and the Town shall deliver a notice to the Owner in writing of such default and of the steps and actions required to be taken by the Owner to remedy same. If the notice of default is not complied with and the default is not remedied within twenty (20) days from the date of issuance of such notice or other time period as agreed to by the Town, then the Treasurer may, in its sole discretion, and in addition to any other remedies provided for elsewhere in the terms of this Agreement or at law, draw upon and utilize the Securities to complete the requirements as set out in this Agreement, or refuse to reduce or release any of the Securities in relation to existing or anticipated damages or expenses arising from such breach or default, whether or not such Securities specifically relate to the breach or default or any deficiency as determined by the Town. If, in the opinion of the Town, such requirements must be done quickly because of any emergency, the existence of which shall be in the sole determination of the Town, then such requirements may be done without prior notice to the Owner, but the Owner shall be notified as soon as possible thereafter. The Town's use of the Securities shall not relieve the Owner of its obligations pursuant to this Agreement.
- 6.2 Notwithstanding Section 6.1 of this Agreement, if the default cannot be reasonably remedied within twenty (20) days or such other date as agreed to by the Town, the Owner shall be in compliance with the Town's notice as long as it:
- a) commences the correction of the default within the twenty (20) day period;
 - b) provides the Town with a schedule acceptable to the Town for such correction of the default; and
 - c) completes the correction of the default in accordance with such schedule.
- 6.3 The cost of any Works or other matters completed by the Town which is identified in this Agreement as an obligation of the Owner, shall be calculated by the Town, and such costs so incurred shall be

limited to the actual costs incurred by the Town plus an additional fee of ten percent (10%) administration charge and a further fee of thirty percent (30%) as compensation to the Town for the dislocation and inconvenience caused to the Town as a result of the default on the part of the Owner to fulfil the obligation.

GENERAL PROVISIONS

7.1 Compliance with Applicable Legislation

- a) The Owner shall, at its own expense, comply with or cause to be complied with, all laws, rules, requirements, directions, orders, ordinances, by-laws and regulations of all federal, provincial, and municipal authorities in performance of the obligations contemplated in this Agreement. Without limiting the generality of the foregoing, the Owner shall comply with all Town By-laws, now or hereinafter in force with respect to the Lands, and obtain any necessary approvals required with respect to actions taken in connection with the subject matter of this Agreement.
- b) The Owner must obtain and maintain, at its own expense, all permits, licenses, regulatory approvals, and certificates required to complete the Works, and shall provide evidence of same to the satisfaction of the Director upon execution of this Agreement by the Town.

7.2 Town Approval

The Owner acknowledges that this Agreement does not predetermine, prejudice, or constrain the Town's jurisdiction with respect to the approval, rejection, clearance, or imposition of conditions in relation to any development approvals that may in the future be proposed for the Lands.

7.3 Inspections by the Town

The Town and its licensees, employees, agents and contractors, may at any time enter on any part of the Lands and any building(s) erected thereon during the term of this Agreement to ensure proper compliance with any of the terms of this Agreement or to perform any obligations of the Owner pursuant to this Agreement.

7.4 Waiver

It is expressly understood and agreed by the Owner that the rights and remedies of the Town under this Agreement are cumulative and that the exercise by the Town of any right or remedy for the default or breach of any term, covenant or condition contained in this Agreement shall not be deemed to be a waiver of nor alter, affect or prejudice any other remedies or rights to which the Town may be lawfully entitled for the same default or breach. Any waiver by the Town of the strict observance, performance or compliance by the Owner of any term, covenant, condition or agreement contained in this Agreement or any indulgence granted by the Town to the Owner shall not be deemed to be a waiver of any subsequent default or breach by the Owner nor entitle the Owner to any similar indulgence being granted.

7.5 Binding on Successors and Assigns

This Agreement shall be enforceable by and against the parties hereto, their heirs, executors, administrators, successors and assigns, and all the covenants by the Owner contained in this Agreement shall run with the Lands for the benefit of the Town and the land or interest in the land owned or to be owned by the Town in accordance with the terms of this Agreement.

7.6 Indemnification and Claims

- a) The Owner, on behalf of itself, its subsidiaries, affiliates and associates, shall indemnify and keep indemnified and hold harmless the Town from and against all actions, suits, claims, and demands from all property damage, personal injury and contractual liability arising from the Owner's completion of the Works under this Agreement, including any Works completed by the Owner on the Town's lands and highways as may be required under this Agreement, and from all loss, costs, charges and expenses, including legal and adjusting expenses which may be brought against or made upon the Town by any party whatsoever or which may be incurred, sustained or paid by the Town in consequence of any actions taken or actions omitted to be taken by the Town, the Owner or their licensees, contractors or those for whom they are responsible at law in connection with this Agreement or the rights and obligations set out in this Agreement (the "Claims").
- b) For the purpose of this Section 7.6, "Claims" further means all claims, actions, suits and demands made by any third party directly against the Town.
- c) The Owner shall defend all Claims arising in relation to this Agreement and the Lands on the Town's behalf regardless of the Owner's liability or negligence.

- d) The Owner shall respond to and deal with all Claims in a prompt, courteous and efficient manner. The Owner shall contact the Town Solicitor and all claimants to acknowledge receipt of the Claim in writing within ten (10) business days upon being notified in writing of the Claim.
- e) Within thirty (30) days after receiving notice of a Claim, the Owner shall conduct an investigation and attempt to resolve the Claim to the satisfaction of the Town Solicitor.
- f) If the Owner fails to acknowledge the Claim in writing as set out in subsection 7.6 d), or if in the sole discretion of the Town Solicitor a Claim is not being dealt with in a satisfactory manner, the Town may appoint an insurance adjuster or other person to investigate, resolve and/or settle the Claim, and the Owner shall reimburse the Town for any and all related fees and charges.
- g) The Owner and/or the Owner's insurer shall assume the defence of any Claims served on the Owner or the Town, at the Owner's sole cost, including any related costs of the Town. The Owner shall keep the Town Solicitor apprised of the status of the legal proceedings in any such action.
- h) In addition to other remedies, failure by the Owner to pay any costs incurred by the Town resulting from any Claim, the Town may draw on the Securities delivered to the Town in accordance with Section 9.1, b) of this Agreement.
- i) This Agreement shall not be pleaded as a defence by the Owner in any action by any person for damages suffered by reason of this Agreement having been entered into between the Town and the Owner.

7.7 Actions Precedent

Where in this Agreement, any Securities, or transfer of property right, or any other act is required to be done by any party prior to the execution of this Agreement and such act or acts have not been done, such omissions shall not operate to relieve the Owner of any obligations arising under this Agreement.

7.8 Additional Works

If, at any time, a Director is of the opinion that additional installations or services not directly or implicitly provided for in this Agreement are necessary, the Owner shall construct, install, or perform such additional installations or services at the written request of such Director at no expense to the Town. Upon the written direction of a Director to construct, install or perform such additional installations or services, then such additional installations or services shall form part of the Works required in this Agreement.

7.9 Acceptance of Additional Works

Where any acceptance or decision is required regarding the Works that are not specifically set out in this Agreement, such acceptance or decision shall be made by the applicable Director and his/her acceptance or decision shall be final and binding.

7.10 Acceptance of Plans

The Owner acknowledges and agrees that the Town's acceptance of Plans listed on Schedule "B" to this Agreement shall not absolve the Owner from any liability for any errors in or omissions to the Plans, if subsequently discovered.

7.11 Amendments to Agreement

- a) This Agreement may be amended upon consent of the parties as evidenced in writing.
- b) Notwithstanding subsection 7.11 a) above, this Agreement may be amended by substitution of any of the Schedules. The Owner may, at any time, provided that the Town is in agreement, add or replace a Schedule and such Schedule shall be deemed to:
 - i) be added to this Agreement; or
 - ii) replace the particular Schedule for the period of time to which it relates.

For greater certainty, if the Town does not agree with the addition or replacement of the Schedule, then that added or replaced Schedule may be declared null and void.

7.12 Assignment

The Owner may assign this Agreement only with the consent of the Town, which consent shall not reasonably be withheld.

7.13 Owner's Expense

The Owner agrees that every provision of this Agreement which obligates the Owner in any way, or where the Town performs an obligation of the Owner, shall be deemed to include the words “at the sole expense of the Owner” unless otherwise expressly stated.

7.14 Notice

Any notice to be given pursuant to this Agreement shall, unless otherwise specified in this Agreement, be delivered by mail or email to the Owner and the Town as follows:

Owner: Aurora (HGD) Inc.
3190 Steeles Avenue East, Suite 300, Markham, Ontario, L3R 1G9
Attention: Michael Harte, Senior Project Manager
Telephone: (905) 477-1177 Email: michaelh@geranium.com

Town: The Corporation of the Town of Aurora
100 John West Way, Box 1000, Aurora, Ontario, L4G 6J1
Attention: Director of Planning Division
Telephone: (905) 727-3123 Email: Planning@aurora.ca cc: Legal@aurora.ca

or to such other address or email as the Town and the Owner or those for whom they are at law responsible may respectively from time to time appoint in writing, and any such notice, if mailed, shall be conclusively deemed to be given to and received by the other party three (3) business days after the date of the mailing thereof, postage prepaid or if emailed, shall be received by the other party on the dated transmission of the email.

7.15 Independent Legal Advice

The Owner acknowledges and agrees that prior to executing this Agreement, it has obtained, or had a reasonable opportunity to obtain, independent legal advice with respect to this Agreement and the covenants and restrictions set out in this Agreement

7.16 Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario.

7.17 Severability

If any provision or provisions of this Agreement are found to be void, voidable, illegal, or unenforceable, it or they shall be considered separate and severable from the remaining provisions of this Agreement, which shall remain in full force and effect, and shall be binding upon the parties to this Agreement as though the said provision or provisions had never been included.

7.18 Joint and Severability

Where more than one party is named as the “Owner” on page 1 hereof, the parties agree that wherever this Agreement provides that the Owner is responsible for costs or payments or incurring any liability or indemnity, such costs, payments or liability or indemnity shall be joint and several amongst the Owner.

7.19 Business Agreement

This Agreement is made for business purposes and is a “business agreement” as defined under the *Limitations Act, 2002*, S.O. 2002, c. 24, as amended from time to time (the “*Limitations Act, 2002*”). Further, no limitation periods set out in the *Limitations Act, 2002*, other than the ultimate limitation period set out in section 15 of the *Limitations Act, 2002*, shall apply to this Agreement and to the obligations imposed herein.

7.20 Counterparts and Electronic Signature

This Agreement may be executed in counterparts, each counterpart when so executed shall be deemed an original and all of which together shall constitute one and the same Agreement. The counterparts of this Agreement may be executed and delivered by email or other electronic signature by any of the parties to any other party and the receiving party may rely on the receipt of such document so executed and delivered by email or other electronic means as if the original had been received.

7.21 List of Schedules to Agreement

The following schedules attached to this Agreement shall form part of this Agreement:

- a) Schedule "A" - Legal Description of the Lands
- b) Schedule "B" - Plans, Drawings, Reports, Studies & Specifications
- c) Schedule "C" - Fees
- d) Schedule "D" - Securities

IN WITNESS WHEREOF the parties have set their hands and seals.

AURORA (HGD) INC.

per:

Andrew Tamlin

Name: Andrew Tamlin

Title:

Mario Giampietri

Name: Mario Giampietri

Title:

I/We have the authority to bind the corporation.

Ontario Municipal Board – January 23, 2017
Authorization By-law No. 6212-19, as amended,
Schedule "B", row 3 enacted by Town of
Aurora Council on October 22, 2019

THE CORPORATION OF THE TOWN OF AURORA

per:

Lisa Hausz

David Waters ^{Lisa Hausz}
Acting Director of Planning and Development Services

I have the authority to bind the corporation.



**SCHEDULE “A”
LEGAL DESCRIPTION OF THE LANDS**

All and singular that certain parcel or tract of land and premises situate, lying and being in the Town of Aurora, in the Regional Municipality of York, and being composed of:

Firstly,

Block 100, Plan M2035, except NW portion of Block 100, Plan M2035 now being Part Lot 3, Plan 65M-2304; being all of PIN 03659-0177 (LT)

Secondly,

Blocks 58 and 59, Plan M2034, except Parts 1 to 5 on Plan 65R-10870, Parts 1 and 2 on Plan 65R-4519; Parts 2 and 4 on Plan 65R-10908, Parts 1 and 2 on Plan 65R-17094 and Parts 28, 29, 30, 31, 32, 33, 35, 36, 37, 38, 39, 41, 42, 43, 44, 45, 49 and 50 on Plan 65R-39075; being all of PIN 03659-0310(LT)

SCHEDULE “B”

PLANS, DRAWINGS, REPORTS, STUDIES & SPECIFICATIONS

| Name | Firm | Last Revision Date |
|---|-------------------------|---------------------------|
| Tree Inventory and Assessment Report Highland Gate Community Phase 5 | Schollen & Company Inc. | R1 - December 10, 2021 |

**SCHEDULE “C”
FEES**

Legal Services Division

Document Preparation/Review (\$725.00 previously paid)

Registration (\$223.00 previously paid)

**SCHEDULE “D”
SECURITIES**

| | |
|-----------------------------|---------------------|
| Compensation Planting Works | \$212,123.72 |
| TOTAL | \$212,123.72 |

**TREE INVENTORY AND ASSESSMENT REPORT
HIGHLAND GATE COMMUNITY – PHASE 5
AURORA, ON**



Prepared for:
Highland Gate Developments Inc.

Prepared By:



December 2, 2021
R1: December 10, 2021
SCI Project No. 2021012

Tree Inventory and Assessment Report

Highland Gate Community Phase 5

Aurora, ON

Schollen & Company Inc.

R1: December 10, 2021

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Tree Inventory and Assessment Report

Highland Gate Community Phase 5

Aurora, ON

Schollen & Company Inc.

R1: December 10, 2021

1.0 INTRODUCTION



FIGURE 1 - KEY MAP (N.T.S.)

Schollen & Company Inc. was retained by Highland Gate Developments Inc. (HGDI) to complete an inventory of the existing trees that are contained within and immediately beyond the Study Area (located at 21 Golf Links Drive, Aurora), to assess the trees in the context of the proposed development and to prepare a plan to guide the protection of trees that are designated to be preserved and integrated within the design of the proposed development. The plan to re-develop the former Highland Gate Golf course as a residential infill community was approved by the Ontario Municipal Board (OMB) on December 1, 2016. The subject property was formerly an eighteen-hole golf course, but currently comprises vacant lands.

The Highland Gate Community is proposed to be developed in 6 phases. The trees located within Phases 1 - 4 have been assessed previously, and some of them have been removed to facilitate the construction of these Phases (refer to the Tree Inventory and Assessment Report updated January 18, 2017 by Schollen & Company for a record of these trees). This report is focused on the trees that are located within and immediately beyond the limit of the area designated as Phase 5. Refer to the Key Map (Figure 1), for the location of Phase 5. Refer to the Phasing Plan (Figure 2) for the location of each Phase in context with the proposed development.

The preparation of the Tree Inventory & Assessment Report and all associated field work was completed by ISA Certified Arborist Jeremy Dilks ON-2543A. The Tree Inventory was conducted on March 9th, 10th & 12th, 2021.

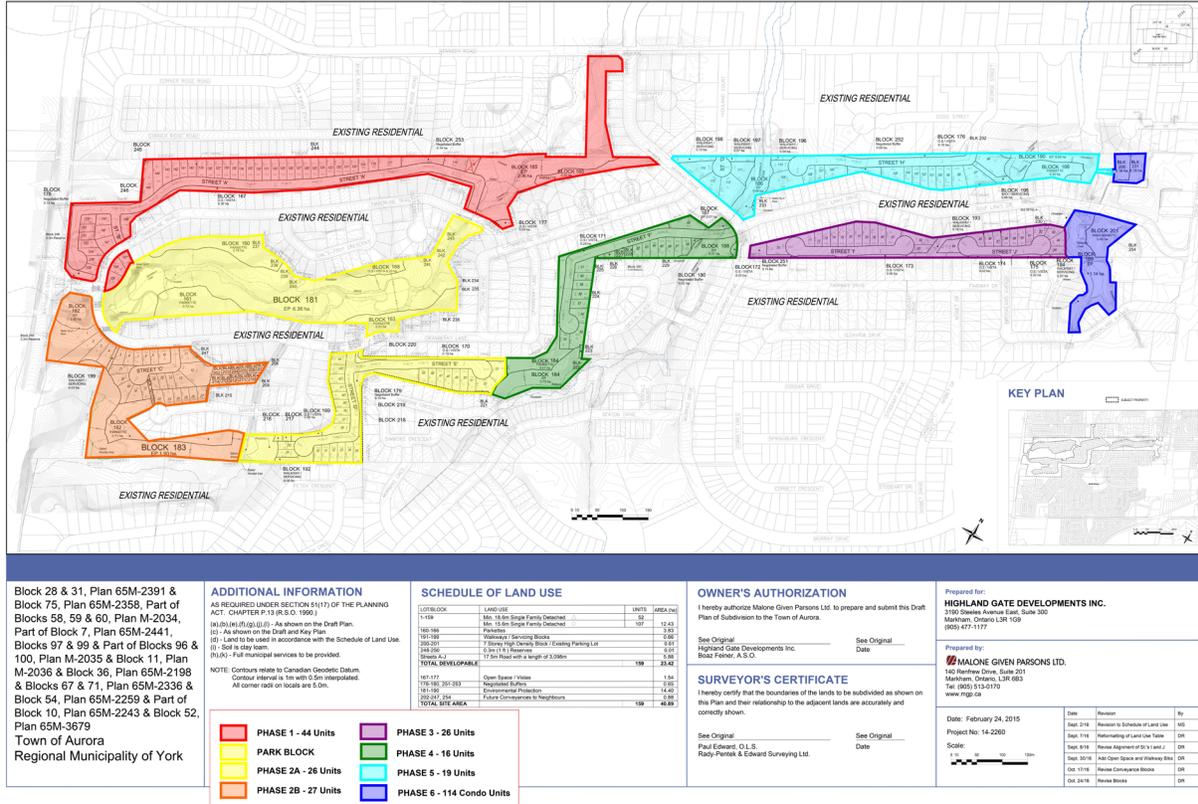


FIGURE 2 – PHASING PLAN (N.T.S.)

Phase 5 encompasses approximately 5.0 hectares and comprises 19 proposed single detached residential lots and a street. This phase of the development includes a woodland / wetland protection area, naturalized open space and park space.

The methodology for completing the tree inventory comprised the following steps:

- All trees over 20cm DBH within the Study Area or within 3m of the property line were assessed on an individual basis by species, size and condition.
- All dead trees or trees that are under 20cm DBH have not been identified or assessed in this report.
- Some trees of the same species and condition that are located within the same vicinity have been assessed as one group. These groups were considered a singular vegetation unit and were given a unique identifying number.
- Each tree that was inventoried within the Phase 5 boundary was affixed with an aluminum forestry tag with a unique tag number.
- Each tree that was inventoried was assigned an inventory number and given a tag number in the field, corresponding with the numbers indicated on the Tree Inventory & Assessment Plans and Tree Preservation Plans TI-3 – 4 & TP-3 – 4 (Appendices C & D). Some privately-owned trees that are located on neighbouring properties were not affixed with a tag but were assigned a tree number.

This report has been prepared along with the corresponding appendices that include the Tree Inventory & Assessment Matrix (Appendix A), Tree Valuation Matrix (Appendix B), Tree Inventory & Assessment Plan – Drawings TI-5 – TI-6 (Appendix C), Tree Preservation Plan – Drawings TP-5 – TP-6 (Appendix D) and the Tree Inventory Photo Sheet (Appendix E).

The report provides a description, as well as specific comments related to the form, structure, health, condition and situation of each tree. In addition, the report sets out recommendations related to the potential for the preservation of the trees that are located within and immediately adjacent to the Study Area. These recommendations are indicated on the Tree Inventory & Assessment Matrix (Appendix A).

A topographic survey of the Study Area was used for this assessment. The survey illustrates the location of the trees in relation to existing buildings, structures, roads and property boundaries. This information was utilized to create the Tree Inventory & Assessment Plans TI-5 – 6. The Tree Inventory & Assessment Plans identify each tree that was inventoried and delineates if the tree is recommended to be preserved or removed.

The Tree Preservation Plans were prepared using the proposed grading and servicing plans prepared by SCS Consulting Group Ltd. to delineate the trees that are recommended to be retained and those that are required to be removed due to conflicts with the proposed construction. The Tree Preservation Plans identify the proposed configuration of Tree Preservation Fences.

The following summary of the assessment describes the findings and recommendations of the inventory and evaluation exercises. Refer to the corresponding drawings, Tree Inventory & Preservation Plan, Drawing TI-5 – 6 for an illustration of the locations of the existing trees. Refer to the Tree Inventory & Assessment Matrix for the condition, rating and recommendations related to each. The Tree Preservation Plans may need to be revised in the future to reflect consultation with the adjacent homeowners. It should be noted that discussions with adjacent property owners and finalization of home sitings are ongoing and there may be minor changes in the final number of trees to be removed that will be reconciled if required, with an amended part to the Vegetation Management Plan and Agreement.

Trees within the site were evaluated based on the following parameters:

- Structure – Trees exhibiting major limb loss, structural defects, rubbing branches and situational hazards were designated to have poor structure and were assigned a lower rating. Trees that exhibit some of these characteristics but appear to be otherwise structurally sound were afforded a ranking of fair.
- Health – Trees exhibiting crown dieback, lack of vigor, splitting, trunk cavities and/or bark loss are designated to be in poor health and were assigned a lower rating. Trees that exhibit some of these characteristics but appear to be otherwise healthy were afforded a ranking of fair.
- Age/Size – Larger trees were assigned a higher merit for retention than saplings or over-mature specimens.
- Species Quality – Species that are non-native, invasive, characteristically weak-wooded or prone to disease were considered to be of low species quality. In addition, species that are not well suited for integration into the proposed residential landscape, such as thorn bearing trees, trees with characteristically poor form and branching characteristics were afforded a lower species quality ranking.
- Conflicts with Proposed Development – Trees that were designated to be removed are trees that will be in conflict with layout, grading and servicing of the proposed development. A Landscape Plan will be prepared with the objective of compensating for the impacts of the trees removed.

Section 4.0 of the report sets out the recommendations for the mitigation of potential impacts that could arise during the construction period on trees that are designated to be retained. The report provides recommendations to ensure that tree protection measures are implemented throughout the construction period. The trees that are designated to be retained are not in conflict with (or near) the proposed area of disturbance.

2.0 GENERAL SUMMARY OF ASSESSMENT

Tree cover within the proposed development site is characteristic of the former golf course use. Tree groupings line the former fairways and rear property lines to screen adjacent properties from errant golf balls, direct the play, and enhance the aesthetic of the former golf course.

Refer to the Tree Inventory & Assessment Plans TI-5 – 6 for the location of trees that are proposed to be retained within the Study Area. Trees are labelled numerically on the plan as a means to locate the tree and cross-reference it to the Tree Inventory and Assessment Matrix and Photo Sheet.

A further specific site assessment and evaluation of certain trees that are designated to remain on lands immediately adjacent the proposed development may be required prior to the initiation of grading and servicing operations. Recommendations for remedial pruning, where required, and modifications to maximize the extent of tree preservation will be made, if required.

The trees that are located within and immediately beyond the other phases of work are addressed in separate reports.

3.0 SUMMARY OF ASSESSMENT

3.1 General Composition

The Over-Storey of Phase 5 comprises of 265 trees. Of the 265 trees assessed, 4 were assessed as a grouping and were considered to be a single vegetation unit. The following table provides a general description of the vegetation units found within the site, refer to the Tree Inventory & Assessment Matrix (Appendix A) for a detailed summary of the inventory and assessment.

| Common Name | Botanical Name | Composition (% of Inventoried Trees) | Average Condition Rating | Comment |
|-----------------|-------------------------|--------------------------------------|--------------------------|--|
| White Spruce | <i>Picea glauca</i> | 16.6% (44) | Good | Native coniferous tree species. Typically found as single planted trees along the edges of fairways and lining the rear of property lines. |
| Colorado Spruce | <i>Picea pungens</i> | 10.9% (29) | Good | Non-native coniferous tree species. Typically found as single planted trees along the edges of fairways. |
| Scots Pine | <i>Pinus sylvestris</i> | 8.7% (23) | Good | Non-native coniferous tree species. Typically found as single trees in the fairways. |

| Common Name | Botanical Name | Composition (% of Inventoried Trees) | Average Condition Rating | Comment |
|---------------------|---------------------------|--------------------------------------|--------------------------|--|
| Norway Maple | <i>Acer platanoides</i> | 8.7% (23) | Good | Non-native/invasive deciduous tree species. Typically found as single planted trees in the fairways and naturalized along the edges of the fairways. |
| Basswood | <i>Tilia americana</i> | 8.7% (23) | Good | Native deciduous tree species. Typically found in multi-stemmed (clumped) form. Typically found as single planted trees along the edges of fairways. |
| Manitoba Maple | <i>Acer negundo</i> | 6.4% (17) | Fair | Naturalized deciduous tree species. Typically located along the edge of woodlots and in floodplains. |
| Eastern White Cedar | <i>Thuja occidentalis</i> | 5.7% (15) | Good | Native coniferous tree species. Typically found in multi-stemmed (clumped) form. Typically found as single trees in the fairways and in hedgerows lining the rear of property lines. |

A total of 265 trees were inventoried. The following provides a summary of the key findings of the inventory and assessment process:

- 195 trees were assigned a condition rating of 'Good.'
- 51 trees were assigned a condition rating of 'Fair.'
- 19 trees were assigned a condition rating of 'Poor.'
- 152 trees were assigned Recommendation 'A' – Tree to be retained where proposed grading allows.
- 109 trees were assigned Recommendation 'B' – Removal of tree required due to conflicts with proposed construction and grading.
- 4 trees were assigned Recommendation 'C' – Removal of tree recommended due to poor health and condition of species.

A Landscape Plan for the development will be prepared which will illustrate the trees that are proposed to be planted throughout the new development.

4.0 PROTECTION, MANAGEMENT AND MONITORING

The following recommendations are set out to direct the protection, management and monitoring of existing vegetation communities that are designated to be retained.

4.1 Construction Impact Mitigation Recommendations

- A. Prior to the initiation of construction, trees that have been designated to be retained should be flagged in the field by the consultant in accordance with the approved plans.
- B. Prior to the initiation of construction, trees identified for removal should be removed by a qualified tree care company in accordance with the Tree Preservation Plans TP-5 – 6.
- C. Where selective tree removal is proposed adjacent to trees to remain, trees should be felled with the objective of minimizing damage to trees that have been designated to be retained. Any branches on trees that are to be preserved that are entangled with limbs of trees that are to be removed or that are anticipated to be damaged as a result of the felling process, should be removed utilizing approved arboricultural techniques.
- D. The trunks of trees to be removed should be cut off at grade. Stumps and root systems may have to be left undisturbed where their removal impacts the root systems of adjacent trees.
- E. Cut wood from Manitoba Maple and Buckthorn species should be removed from the site to prevent repropagation of aggressive invasive species.
- F. Where advised, when aggressive species such as Manitoba Maple and Buckthorn are located in close proximity to proposed rear yard areas, cut stumps of buckthorn should be treated with herbicide using a wick applicator by a licensed contractor to prevent suckering and regrowth from the cut stump.

4.2 Construction Interface & Tree Protection Fencing

Where grading, servicing or site alterations is proposed on lands that are located at the interface of the proposed construction and adjacent properties, care must be taken to avoid potential impacts on trees that are located on adjacent properties. The following actions and recommendations are to be implemented with the objective of mitigating impact on trees that are located outside of the Study Area.

- A. Tree protection fencing should be installed along the proposed configuration indicated on the Tree Preservation Plans – Drawing TP-5 – 6. Disturbance should not encroach beyond the limit of the tree protection fence. The fences should be installed as per the Tree Protection Fencing Details (TP-1 & TP-2, Town of Aurora Tree Protection Notes & Plans) on the Tree Preservation Plans or as otherwise approved. Location and construction of tree protection fences must be approved by Town of Aurora staff prior to any tree removal.
- B. Tree protection fence must be maintained in good repair throughout the duration of the construction period.
- C. Sediment control fence will be installed along base of or in conjunction with the tree protection fencing to prevent the migration of sediment and sediment laden runoff from the construction area. For a complete layout of all sediment control fencing for the proposed development, refer to Development Engineer's Plans and Details.
- D. Where alterations are required within the limit of the drip line, a detailed assessment of the tree should be completed by an ISA certified Arborist. Recommendation to mitigate potential impacts should be

provided and the implementation or remedial measures should be undertaken under the oversight of an arborist.

- E. All tree care works that are recommended including root pruning, limb removal, etc. should be implemented in advance of grading and / or servicing activities. All works should be performed by a qualified tree care contractor.

4.3 Woodland Edge Protection & Management

The following actions are recommended to be implemented to facilitate the long-term protection and enhancement of the vegetation within the valley land corridors and open space blocks.

- A. Dead and dying trees within protected vegetated areas will be retained for wildlife and habitat purposes, except where they pose a threat or risk to humans. Dead limbs within 5.0m of the edge of the woodland should be pruned by qualified tree care professionals.
- B. Debris and garbage should be removed from the development edge abutting protected vegetation areas.
- C. Woody debris on the forest floor should remain for wildlife and habitat purposes.
- D. The natural occurring edge vegetation should be retained along the valley corridor woodlot edges where possible to decrease the negative impact from wind and sun scald.
- E. As part of the woodland edge management strategy, Buckthorn trees which are invasive, thorn bearing and occurring along the edge of proposed open space areas are to be selectively removed and treated with herbicide.
- F. New woodland edge plantings along the open space are proposed to compensate for any minor tree and understory removals that are in conflict with the new development and grading.

4.4 Post-Construction Monitoring of Restoration and Proposed Plantings

In conjunction with future landscape proposals for the site including restoration, screen planting and boulevard tree planting, the following are short term warranty and monitoring issues to be implemented, and long-term recommendations for the retained vegetation areas.

- A. Contractor to warranty plant material for a period of two years.
- B. Contractor to water planted stock during droughts for a period of two years.
- C. Weed mats or brush blankets to be installed around plantings where abundant herbaceous competition is expected.
- D. Monitoring to include a 2-year inspection; once following the first growing season and winter, and again at end of second year. 2-year monitoring to include the removal of invasive species that have resprouted in close proximity to the development site. Landscape Consultant to monitor and report on compliance with approved plans and inspect and certify the condition of planted trees and shrubs within two weeks of planting and at the end of the 2-year maintenance period.

5.0 COMPENSATION & VALUATION REQUIREMENTS

A full valuation of the trees assessed in Phase 5 has been completed per the requirements of the Town of Aurora's Tree Removal/Pruning and Compensation Policy to determine the replacement cost of each assessed tree. The valuation of the assessed trees was completed using the Aggregate Inch Replacement method, as described in section 7.1 of the Tree Removal/Pruning and Compensation Policy. Refer to the Tree Valuation Matrix (Appendix B) for a full breakdown of the Valuation for each assessed tree. The results of the Valuation procedure are below.

- Total Value of **ALL** Assessed Trees: **\$562,592.18**
- Total Value of Assessed Trees Designated for Removal: **\$212,123.72**
- Total Value of Assessed Trees Designated for Retention: **\$350,468.45**

6.0 MIGRATORY BIRDS CONVENTION ACT

Federal legislation prohibits the destruction of nests, eggs and young birds during the migratory bird nesting period between April 1st and August 31st.

All proposed tree removals are to be conducted outside of this window.

APPENDICES

Appendix A – Tree Inventory and Assessment Matrix

Appendix B – Tree Valuation Matrix

Appendix C – Tree Inventory Plans (TI-5 – 6)

Appendix D – Tree Preservation Plans (TP-5 – 6)

Appendix E – Tree Inventory Photo Sheet

SCHOLLEN & Company Inc.
Tree Inventory & Assessment Matrix
Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

***Recommendations**

A - Tree to be retained where proposed grading allows. (152 trees)

B - Removal of tree required due to conflicts with proposed construction and grading. (109 trees)

C - Removal of tree recommended due to poor health and condition of species. (4 trees)

LEGEND

(m): mild, (mo): moderate, (s): severe

****DBH:** Diameter at Breast Height (1.4m off finished grade). **Note:** DBH measurements may be estimated on trees located on private residential lands.

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

*****Ownership Categories:**

PH5 - Tree is located within the extent of the Phase 5 works, entirely on the subject property

Boundary - Tree trunk(s) are growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

Private - Tree is privately owned by the neighbouring property owner and located within 3m of the subject property.

Town - Tree is located on Town property and is owned/regulated by the Town of Aurora.

| Tree No. | Tag No. | Species | | Condition Rating | DBH (Individual stems)** | Cumulative DBH *** | Ownership Categories **** | Notes | Photo Reference No. | Date of Assessment | Recommendations* |
|----------|---------|------------------|-----------------|------------------|--------------------------|--------------------|---------------------------|--|---------------------|--------------------|------------------|
| | | Botanical Name | Common Name | | | | | | | | |
| 435 | 1705 | Picea pungens | Colorado Spruce | Good | 42 | - | PH5 | Healthy | P219 | 2021-03-09 | A |
| 436 | - | Acer platanoides | Norway Maple | Good | 27 | - | Private | Healthy | P220 | 2021-03-09 | A |
| 437 | 1704 | Acer platanoides | Norway Maple | Good | 36 | - | PH5 | Healthy | P221 | 2021-03-09 | A |
| 438 | - | Picea pungens | Colorado Spruce | Good | 45 | - | Private | Healthy | P221 | 2021-03-09 | A |
| 439 | - | Acer saccharum | Sugar Maple | Good | 28 | - | Private | Healthy | P221 | 2021-03-09 | A |
| 440 | 1703 | Acer platanoides | Norway Maple | Good | 52 | - | PH5 | Healthy | P222 | 2021-03-09 | A |
| 441 | 1702 | Salix sp. | Willow Species | Good | 26 | - | PH5 | Lean (m), adjacent to creek | P223 | 2021-03-09 | A |
| 442 | 1701 | Salix sp. | Willow Species | Good | 27 19 12 9 | 36 | PH5 | Clumped, adjacent to creek | P223 | 2021-03-09 | A |
| 443 | 1700 | Acer platanoides | Norway Maple | Good | 36 | - | PH5 | 10% dead wood | P224 | 2021-03-09 | A |
| 444 | - | Tilia americana | Basswood | Fair | 35 | - | Private | 10% dead wood, lopsided canopy | P225 | 2021-03-09 | A |
| 445 | - | Picea glauca | White Spruce | Good | 33 | - | Private | Healthy | P225 | 2021-03-09 | A |
| 446 | - | Picea pungens | Colorado Spruce | Good | 37 | - | Private | Healthy | P226 | 2021-03-09 | A |
| 447 | - | Picea pungens | Colorado Spruce | Good | 41 | - | Private | Healthy | P226 | 2021-03-09 | A |
| 448 | - | Picea pungens | Colorado Spruce | Good | 43 | - | Private | Healthy | P226 | 2021-03-09 | A |
| 449 | - | Picea pungens | Colorado Spruce | Good | 35 | - | Private | Healthy | P226 | 2021-03-09 | A |
| 450 | - | Picea pungens | Colorado Spruce | Good | 20 | - | Private | Healthy | P226 | 2021-03-09 | A |
| 451 | 1699 | Tilia americana | Basswood | Fair | 38 34 16 12 | 55 | Boundary | Clumped, included fence, lean (mo), suckers emerging from base (m) | P227 | 2021-03-09 | A |
| 452 | 1698 | Picea glauca | White Spruce | Good | 35 | - | PH5 | Healthy | P228 | 2021-03-09 | B |
| 453 | 1697 | Picea pungens | Colorado Spruce | Fair | 24 | - | PH5 | Fair vigor | P228 | 2021-03-09 | B |
| 454 | 1696 | Picea pungens | Colorado Spruce | Fair | 19 17 | 26 | PH5 | Codominant stems, union at 1.2m, fair vigor | P228 | 2021-03-09 | B |
| 455 | 1695 | Picea pungens | Colorado Spruce | Good | 40 | - | PH5 | Healthy | P228 | 2021-03-09 | B |
| 456 | 1694 | Picea glauca | White Spruce | Good | 38 | - | PH5 | Healthy | P228 | 2021-03-09 | B |
| 457 | 1693 | Picea glauca | White Spruce | Good | 44 | - | PH5 | Healthy | P228 | 2021-03-09 | B |
| 458 | - | Picea pungens | Colorado Spruce | Good | 22 | - | Private | 10% dead wood | P229 | 2021-03-09 | A |

SCHOLLEN & Company Inc.
Tree Inventory & Assessment Matrix
Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

***Recommendations**

A - Tree to be retained where proposed grading allows. (152 trees)

B - Removal of tree required due to conflicts with proposed construction and grading. (109 trees)

C - Removal of tree recommended due to poor health and condition of species. (4 trees)

LEGEND

(m): mild, (mo): moderate, (s): severe

****DBH:** Diameter at Breast Height (1.4m off finished grade). **Note:** DBH measurements may be estimated on trees located on private residential lands.

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

******Ownership Categories:**

PH5 - Tree is located within the extent of the Phase 5 works, entirely on the subject property

Boundary - Tree trunk(s) are growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

Private - Tree is privately owned by the neighbouring property owner and located within 3m of the subject property.

Town - Tree is located on Town property and is owned/regulated by the Town of Aurora.

| Tree No. | Tag No. | Species | | Condition Rating | DBH (Individual stems)** | Cumulative DBH *** | Ownership Categories **** | Notes | Photo Reference No. | Date of Assessment | Recommendations* |
|----------|---------|------------------|-------------------------|------------------|--------------------------|--------------------|---------------------------|--|---------------------|--------------------|------------------|
| | | Botanical Name | Common Name | | | | | | | | |
| 459 | 1692 | Picea pungens | Colorado Spruce | Good | 28 | - | PH5 | Healthy | P230 | 2021-03-09 | B |
| 460 | 1691 | Acer saccharinum | Silver Maple | Good | 74 | - | PH5 | Healthy | P231 | 2021-03-09 | A |
| 461 | 1690 | Tilia americana | Basswood | Good | 32 24 23 | 46 | PH5 | Clumped, healthy | P231 | 2021-03-09 | A |
| 462 | 1689 | Tilia americana | Basswood | Good | 35 33 | 48 | PH5 | Codominant stems, suckers emerging from base (m) | P232 | 2021-03-09 | A |
| 463 | 1688 | Ulmus americana | White Elm | Good | 81 | - | PH5 | Healthy | P232 | 2021-03-09 | A |
| 464 | 1687 | Tilia americana | Basswood | Good | 35 34 | 49 | PH5 | Codominant stems, suckers emerging from base (m), third stem removed | P233 | 2021-03-09 | A |
| 465 | 1686 | Picea pungens | Colorado Spruce | Good | 38 | - | PH5 | Healthy | P234 | 2021-03-09 | B |
| 466 | 0656 | Picea pungens | Colorado Spruce | Good | 31 | - | PH5 | Healthy | P234 | 2021-03-09 | B |
| 467 | 1685 | Picea pungens | Colorado Spruce | Good | 34 | - | PH5 | Healthy | P234 | 2021-03-09 | B |
| 468 | 1684 | Pinus sylvestris | Scots Pine | Good | 43 | - | PH5 | Healthy | P235 | 2021-03-09 | B |
| 469 | 1683 | Tilia americana | Basswood | Good | 54 | - | PH5 | Healthy | P235 | 2021-03-09 | B |
| 470 | 1682 | Pinus sylvestris | Scots Pine | Good | 34 | - | PH5 | Healthy | P236 | 2021-03-09 | A |
| 471 | 1681 | Tilia americana | Basswood | Good | 36 35 26 | 57 | PH5 | Clumped, healthy | P237 | 2021-03-09 | B |
| 472 | 1680 | Picea pungens | Colorado Spruce | Poor | 20 | - | PH5 | Poor vigor, 40% dead wood | P238 | 2021-03-09 | C |
| 473G | - | Picea glauca | White Spruce (grouping) | Good | 15 - 22 | - | PH5 | Spruce grouping, ± 5 stems, 30-40 ft. tall | P239 | 2021-03-09 | B |
| 474 | 1679 | Pinus sylvestris | Scots Pine | Good | 35 | - | PH5 | Lean (m), curved stem (m), adjacent to 2 dead trees | P240 | 2021-03-09 | B |
| 475G | - | Picea glauca | White Spruce (grouping) | Good | 15 - 38 | - | PH5 | Spruce grouping, ± 6 stems, 30-40 ft. tall | P241 | 2021-03-10 | B |
| 476 | 1678 | Pinus sylvestris | Scots Pine | Good | 39 | - | PH5 | Healthy | P242 | 2021-03-10 | A |
| 477 | 1677 | Pinus resinosa | Red Pine | Fair | 35 | - | PH5 | Fair vigor, 20% dead wood | P242 | 2021-03-10 | A |
| 478 | - | Acer platanoides | Norway Maple | Fair | 71 | - | Private | 10% dead wood, soil mounded around base of tree, no visible root flare | P242 | 2021-03-10 | A |
| 479 | - | Aesculus sp. | Horsechestnut Species | Good | 22 | - | Private | Healthy | P243 | 2021-03-10 | A |
| 480 | - | Pinus nigra | Austrian Pine | Good | 38 | - | Private | Healthy | P244 | 2021-03-10 | A |
| 481 | 1676 | Picea glauca | White Spruce | Good | 50 | - | PH5 | Healthy | P245 | 2021-03-10 | A |
| 482 | 1675 | Pinus sylvestris | Scots Pine | Good | 33 | - | PH5 | Healthy | P245 | 2021-03-10 | A |
| 483 | 1674 | Picea glauca | White Spruce | Good | 26 | - | PH5 | Healthy | P246 | 2021-03-10 | A |

SCHOLLEN & Company Inc.
Tree Inventory & Assessment Matrix
Highland Gate Community - Phase 5

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PROJECT NO. 2021012

***Recommendations**

A - Tree to be retained where proposed grading allows. (152 trees)

B - Removal of tree required due to conflicts with proposed construction and grading. (109 trees)

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LEGEND

(m): mild, (mo): moderate, (s): severe

****DBH:** Diameter at Breast Height (1.4m off finished grade). **Note:** DBH measurements may be estimated on trees located on private residential lands.

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

*****Ownership Categories:**

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Boundary - Tree trunk(s) are growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

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Town - Tree is located on Town property and is owned/regulated by the Town of Aurora.

APPENDIX A

| Tree No. | Tag No. | Species | | Condition Rating | DBH (Individual stems)** | Cumulative DBH *** | Ownership Categories **** | Notes | Photo Reference No. | Date of Assessment | Recommendations* |
|----------|---------|--------------------|---------------------|------------------|--------------------------------|--------------------|---------------------------|--|---------------------|--------------------|------------------|
| | | Botanical Name | Common Name | | | | | | | | |
| 484 | 1673 | Picea glauca | White Spruce | Good | 46 | - | PH5 | Healthy | P246 | 2021-03-10 | A |
| 485 | 1672 | Pinus nigra | Austrian Pine | Good | 39 | - | PH5 | Healthy | P246 | 2021-03-10 | A |
| 486 | 1671 | Tilia americana | Basswood | Good | 56 | - | PH5 | Healthy | P246 | 2021-03-10 | A |
| 487 | 1670 | Acer negundo | Manitoba Maple | Poor | 23 20 11 10 9 7 | 36 | PH5 | Clumped, 80% dead wood | P246 | 2021-03-10 | C |
| 488 | 1669 | Tilia americana | Basswood | Good | 53 | - | PH5 | Healthy | P246 | 2021-03-10 | A |
| 489 | 1668 | Thuja occidentalis | Eastern White Cedar | Fair | 50 | - | PH5 | 4m long vertical wound on stem, low DBH measurement taken due to low branching habit | P247 | 2021-03-10 | B |
| 490 | 0634 | Thuja occidentalis | Eastern White Cedar | Fair | 35 30 | 46 | PH5 | Codominant stems, vertical wound on stem spanning the length of the leader | P247 | 2021-03-10 | B |
| 491 | 1667 | Thuja occidentalis | Eastern White Cedar | Fair | 46 42 | 62 | PH5 | Codominant stems, wound on leader | P247 | 2021-03-10 | B |
| 492 | 1666 | Thuja occidentalis | Eastern White Cedar | Good | 40 39 | 56 | PH5 | Codominant stems, healthy | P247 | 2021-03-10 | B |
| 493 | 0631 | Betula papyrifera | Paper Birch | Good | 42 31 19 | 56 | PH5 | Clumped, healthy | P248 | 2021-03-10 | A |
| 494 | 0630 | Tilia americana | Basswood | Good | 49 | - | PH5 | Suckers at base have been removed | P248 | 2021-03-10 | A |
| 495 | 1665 | Pinus nigra | Austrian Pine | Good | 55 | - | Boundary | Healthy | P249 | 2021-03-10 | A |
| 496 | 1664 | Picea glauca | White Spruce | Good | 21 | - | Boundary | Healthy | P249 | 2021-03-10 | A |
| 497 | 1663 | Catalpa sp. | Catalpa Species | Fair | 74 | - | Boundary | Wound at base (s), wound on leader (m) | P249 | 2021-03-10 | A |
| 498 | 1662 | Pinus nigra | Austrian Pine | Good | 45 | - | Boundary | 10% dead wood | P249 | 2021-03-10 | A |
| 499 | 0622 | Tilia cordata | Littleleaf Linden | Good | 63 | - | PH5 | Sucker emerging from base (mo) | P250 | 2021-03-10 | B |
| 500 | 1661 | Acer platanoides | Norway Maple | Fair | 39 | - | PH5 | Wounded branches, 20% dead wood | P250 | 2021-03-10 | B |
| 501 | 1660 | Pinus nigra | Austrian Pine | Good | 49 | - | PH5 | Healthy | P251 | 2021-03-10 | B |
| 502 | 1659 | Tilia americana | Basswood | Good | 41 | - | PH5 | Suckers at base have been removed | P252 | 2021-03-10 | A |
| 503 | - | Picea glauca | White Spruce | Good | 32 | - | Private | Healthy | P252 | 2021-03-10 | A |
| 504 | 0620 | Tilia americana | Basswood | Good | 56 | - | PH5 | Healthy | P252 | 2021-03-10 | A |
| 505 | 0618 | Malus sp. | Apple Species | Good | 33 | - | PH5 | Union at 1.2m, low DBH measurement taken due to low branching habit | P253 | 2021-03-10 | A |
| 506 | - | Picea pungens | Colorado Spruce | Poor | 36 | - | Private | 30% dead wood, poor vigor | P254 | 2021-03-10 | A |
| 507 | - | Picea glauca | White Spruce | Good | 47 20 | 51 | PH5 | Healthy | P254 | 2021-03-10 | A |

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Tree Inventory & Assessment Matrix
Highland Gate Community - Phase 5

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PROJECT NO. 2021012

***Recommendations**

A - Tree to be retained where proposed grading allows. (152 trees)

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| Tree No. | Tag No. | Species | | Condition Rating | DBH (Individual stems)** | Cumulative DBH *** | Ownership Categories **** | Notes | Photo Reference No. | Date of Assessment | Recommendations* |
|----------|---------|-------------------|-----------------|------------------|--------------------------|--------------------|---------------------------|--|---------------------|--------------------|------------------|
| | | Botanical Name | Common Name | | | | | | | | |
| 508 | - | Picea pungens | Colorado Spruce | Fair | 23 | - | Private | Fair vigor | P255 | 2021-03-10 | A |
| 509 | 0615 | Picea glauca | White Spruce | Good | 64 | - | PH5 | Healthy | P255 | 2021-03-10 | A |
| 510 | 0613 | Picea pungens | Colorado Spruce | Good | 40 | - | Boundary | Healthy, adjacent to dead ash tree | P256 | 2021-03-10 | A |
| 511 | 0611 | Picea pungens | Colorado Spruce | Good | 41 | - | Boundary | Healthy | P256 | 2021-03-10 | A |
| 512 | - | Betula papyrifera | Paper Birch | Good | 25 24 22 20 | 46 | Private | Clumped, healthy | P257 | 2021-03-10 | A |
| 513 | 1659 | Tilia americana | Basswood | Good | 52 | - | Boundary | Suckers at base have been removed | P257 | 2021-03-10 | A |
| 514 | 0609 | Tilia americana | Basswood | Good | 51 | - | Boundary | Healthy | P257 | 2021-03-10 | A |
| 515 | - | Acer saccharum | Sugar Maple | Fair | 37 | - | Private | 10% dead wood, no visible root flare | P258 | 2021-03-10 | A |
| 516 | - | Picea pungens | Colorado Spruce | Good | 25 | - | PH5 | Healthy | P259 | 2021-03-10 | A |
| 517 | 1658 | Picea pungens | Colorado Spruce | Fair | 20 | - | PH5 | Fair vigor | P259 | 2021-03-10 | A |
| 518 | 1657 | Picea pungens | Colorado Spruce | Good | 22 | - | PH5 | Healthy | P260 | 2021-03-10 | B |
| 519 | 1656 | Abies concolor | Silver Fir | Good | 20 | - | PH5 | Healthy | P260 | 2021-03-10 | B |
| 520 | - | Picea pungens | Colorado Spruce | Good | 29 | - | Private | Healthy | P261 | 2021-03-10 | A |
| 521 | 0608 | Picea glauca | White Spruce | Good | 34 | - | PH5 | Healthy | P262 | 2021-03-12 | A |
| 522 | 1654 | Picea abies | Norway Spruce | Good | 28 | - | PH5 | Healthy | P262 | 2021-03-12 | A |
| 523 | 0606 | Malus sp. | Apple Species | Good | 65 | - | PH5 | Healthy | P263 | 2021-03-12 | B |
| 524 | 0607 | Picea glauca | White Spruce | Good | 36 | - | PH5 | Healthy | P264 | 2021-03-12 | A |
| 525 | 0605 | Picea glauca | White Spruce | Good | 26 | - | PH5 | Healthy | P265 | 2021-03-12 | B |
| 526 | 0604 | Picea glauca | White Spruce | Good | 25 | - | PH5 | Healthy | P265 | 2021-03-12 | B |
| 527 | 0603 | Acer x freemanii | Freeman Maple | Good | 43 | - | PH5 | Healthy | P266 | 2021-03-12 | B |
| 528 | - | Ulmus pumila | Siberian Elm | Good | 71 | - | PH5 | Suckers emerging from stem (m), tree located on neighbours side of fence on PH5 property | P267 | 2021-03-12 | B |
| 529 | 1653 | Pinus sylvestris | Scots Pine | Good | 39 | - | PH5 | Healthy | P285 | 2021-03-12 | B |
| 530 | 1652 | Malus sp. | Apple Species | Good | 67 | - | PH5 | Burl at base of tree, lean (m) | P268 | 2021-03-12 | B |
| 531 | - | Acer negundo | Manitoba Maple | Fair | 40 27 | 48 | Boundary | Included fence, fence girdling stem | P269 | 2021-03-12 | B |
| 532 | 1651 | Acer negundo | Manitoba Maple | Good | 56 | - | PH5 | Suckers emerging from base (m) | P270 | 2021-03-12 | B |

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Tree Inventory & Assessment Matrix
Highland Gate Community - Phase 5

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PROJECT NO. 2021012

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|----------|---------|------------------------------------|--------------------------------|------------------|--------------------------|--------------------|---------------------------|---|---------------------|--------------------|------------------|
| | | Botanical Name | Common Name | | | | | | | | |
| 533 | 1650 | Tilia americana | Basswood | Poor | 44 | - | PH5 | Union at 2.5m, second stem dead, 40% dead wood, adjacent to creek | P271 | 2021-03-12 | B |
| 534 | - | Acer platanoides | Norway Maple | Good | 43 | - | Private | Healthy | P272 | 2021-03-12 | A |
| 535 | - | Acer platanoides | Norway Maple | Good | 38 | - | Private | Healthy | P273 | 2021-03-12 | A |
| 536 | - | Acer platanoides | Norway Maple | Fair | 40 | - | PH5 | 20% dead wood | P273 | 2021-03-12 | A |
| 537 | 1649 | Acer platanoides | Norway Maple | Good | 20 | - | Boundary | Lean (m), included fence | P274 | 2021-03-12 | A |
| 538 | - | Picea glauca | White Spruce | Good | 38 | - | Private | Healthy | P275 | 2021-03-12 | A |
| 539 | 0596 | Betula papyrifera | Paper Birch | Good | 44 37 20 | 61 | PH5 | Clumped, healthy | P275 | 2021-03-12 | A |
| 540 | - | Picea glauca | White Spruce | Good | 40 | - | Private | Healthy | P275 | 2021-03-12 | A |
| 541 | - | Picea glauca | White Spruce | Good | 30 | - | Private | Healthy | P275 | 2021-03-12 | A |
| 542 | - | Picea glauca | White Spruce | Good | 27 | - | Private | Healthy | P275 | 2021-03-12 | A |
| 543 | 0595 | Quercus alba | White Oak | Good | 78 | - | PH5 | Wound on trunk (m), strong CODT response | P276 | 2021-03-12 | A |
| 544 | - | Acer platanoides | Norway Maple | Good | 45 | - | PH5 | Healthy | P276 | 2021-03-12 | A |
| 545 | - | Gleditsia triacanthos var. inermis | Thornless Honeylocust | Good | 50 | - | PH5 | Healthy | P276 | 2021-03-12 | A |
| 546 | - | Betula papyrifera | Paper Birch | Good | 36 35 | 50 | Boundary | Codominant stems, healthy | - | 2021-03-12 | A |
| 547 | 1646 | Betula papyrifera | Paper Birch | Good | 40 | - | PH5 | Healthy | P277 | 2021-03-12 | A |
| 548 | 0590 | Larix sp. | Larch Species | Fair | 51 | - | PH5 | Vertical wound on trunk (m), wounded leader | P277 | 2021-03-12 | A |
| 549 | 1645 | Larix sp. | Larch Species | Good | 39 | - | PH5 | Healthy | P277 | 2021-03-12 | A |
| 550 | 0591 | Larix sp. | Larch Species | Good | 60 | - | PH5 | Healthy | P277 | 2021-03-12 | A |
| 551 | 0588 | Larix sp. | Larch Species | Good | 45 | - | PH5 | Healthy | P277 | 2021-03-12 | A |
| 552 | 1644 | Larix sp. | Larch Species | Good | 31 | - | PH5 | Healthy | P277 | 2021-03-12 | A |
| 553 | 1643 | Larix sp. | Larch Species | Good | 57 | - | PH5 | Healthy | P277 | 2021-03-12 | A |
| 554 | - | Acer platanoides | Norway Maple | Good | 28 | - | Private | Healthy | P278 | 2021-03-12 | A |
| 555 | 1642 | Juglans nigra | Black Walnut | Good | 70 | - | Private | Healthy | P279 | 2021-03-12 | A |
| 556G | - | Thuja occidentalis | Eastern White Cedar (grouping) | Good | 10 - 30 | - | Private | Cedar hedge, ± 18 stems, 30-40 ft. tall | P280 | 2021-03-12 | A |
| 557 | 1641 | Acer saccharinum | Silver Maple | Good | 62 | - | PH5 | Lean (m) | P281 | 2021-03-12 | A |
| 558 | 1640 | Acer negundo | Manitoba Maple | Poor | 29 | - | PH5 | Lean (s), suckers emerging from stem (mo) | P281 | 2021-03-12 | A |

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Highland Gate Community - Phase 5

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PROJECT NO. 2021012

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|----------|---------|--------------------|---------------------|------------------|--------------------------|--------------------|---------------------------|--|---------------------|--------------------|------------------|
| | | Botanical Name | Common Name | | | | | | | | |
| 559 | 1639 | Acer negundo | Manitoba Maple | Fair | 32 | - | PH5 | Lean (mo) | P282 | 2021-03-12 | A |
| 560 | 1638 | Acer negundo | Manitoba Maple | Fair | 51 | - | PH5 | Lean (mo) | P282 | 2021-03-12 | A |
| 561 | 0584 | Juglans nigra | Black Walnut | Good | 76 | - | PH5 | Healthy | P283 | 2021-03-12 | A |
| 562 | 1637 | Juglans nigra | Black Walnut | Good | 47 | - | PH5 | Healthy | P283 | 2021-03-12 | A |
| 563 | 1636 | Juglans nigra | Black Walnut | Good | 100 | - | PH5 | Healthy | P283 | 2021-03-12 | A |
| 564 | 1635 | Larix sp. | Larch Species | Good | 47 | - | PH5 | Healthy | P284 | 2021-03-12 | A |
| 565 | 1634 | Acer negundo | Manitoba Maple | Good | 30 | - | PH5 | 10% dead wood | P284 | 2021-03-12 | A |
| 566 | 1633 | Larix sp. | Larch Species | Good | 40 | - | PH5 | Healthy | P284 | 2021-03-12 | A |
| 567 | 1632 | Tilia americana | Basswood | Fair | 57 50 22 | 79 | PH5 | Clumped, wounds on trunk (mo) | P286 | 2021-03-12 | A |
| 568 | 1631 | Salix sp. | Willow Species | Fair | 93 78 | 121 | PH5 | Codominant stems, failed limbs, 20% dead wood, adjacent to creek | P286 | 2021-03-12 | A |
| 569 | - | Juglans nigra | Black Walnut | Good | 45 | - | Private | Healthy | P287 | 2021-03-12 | A |
| 570 | - | Juglans nigra | Black Walnut | Good | 66 | - | Private | Healthy | P287 | 2021-03-12 | A |
| 571 | - | Picea glauca | White Spruce | Fair | 22 | - | Private | 40% dead wood | P288 | 2021-03-12 | A |
| 572 | - | Picea glauca | White Spruce | Fair | 27 | - | Private | 40% dead wood | P288 | 2021-03-12 | A |
| 573 | - | Prunus serotina | Black Cherry | Fair | 36 | - | Private | 30% dead wood | P289-P290 | 2021-03-12 | A |
| 574 | - | Picea glauca | White Spruce | Fair | 24 | - | Private | Fair vigor | P289-P290 | 2021-03-12 | A |
| 575 | - | Prunus serotina | Black Cherry | Fair | 49 | - | Private | 30% dead wood | P289-P290 | 2021-03-12 | A |
| 576 | - | Acer platanoides | Norway Maple | Fair | 41 20 | 46 | Private | Union at 1m, wound on stem (m), included bark at union | P291 | 2021-03-12 | A |
| 577 | - | Populus sp. | Poplar Species | Good | 39 | - | Private | Healthy | P291 | 2021-03-12 | A |
| 578 | - | Juglans nigra | Black Walnut | Good | 58 | - | Private | 10% dead wood | P291 | 2021-03-12 | A |
| 579 | 1630 | Acer negundo | Manitoba Maple | Poor | 36 | - | Boundary | Lean (s), suckers emerging from stem (m), growing through fence | P292 | 2021-03-12 | A |
| 580 | - | Picea glauca | White Spruce | Fair | 32 | - | Private | 40% dead wood | P292 | 2021-03-12 | A |
| 581 | - | Picea glauca | White Spruce | Fair | 29 | - | Private | 40% dead wood | P292 | 2021-03-12 | A |
| 582 | 1629 | Betula papyrifera | Paper Birch | Good | 40 12 | 42 | Boundary | Included fence | P293 | 2021-03-12 | B |
| 583 | 1628 | Picea pungens | Colorado Spruce | Good | 35 | - | PH5 | Healthy | P294 | 2021-03-12 | A |
| 584 | 1627 | Thuja occidentalis | Eastern White Cedar | Good | 36 | - | PH5 | Healthy | P294 | 2021-03-12 | A |

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| | | Botanical Name | Common Name | | | | | | | | |
| 585 | 1626 | Thuja occidentalis | Eastern White Cedar | Good | 30 18 | 35 | PH5 | Healthy | P294 | 2021-03-12 | A |
| 586 | 1625 | Picea pungens | Colorado Spruce | Good | 40 | - | PH5 | Healthy | P294 | 2021-03-12 | A |
| 587 | 0567 | Pinus sylvestris | Scots Pine | Fair | 36 | - | PH5 | 20% dead wood | P295 | 2021-03-12 | B |
| 588 | 1624 | Picea pungens | Colorado Spruce | Good | 21 | - | Boundary | Healthy | P296 | 2021-03-12 | A |
| 589G | - | Thuja occidentalis | Eastern White Cedar (grouping) | Good | 5 - 30 | - | Boundary | Cedar hedge, ±12 stems, 30-40 ft. tall | P297 | 2021-03-12 | A |
| 590 | 0566 | Acer negundo | Manitoba Maple | Poor | 45 22 | 50 | Boundary | Codominant stems, suckers emerging from stem, branches and base (s), lean (mo) | P298 | 2021-03-12 | A |
| 591 | - | Picea glauca | White Spruce | Good | 45 | - | Boundary | Healthy | P298 | 2021-03-12 | A |
| 592 | 1623 | Acer negundo | Manitoba Maple | Poor | 48 | - | Boundary | Lean (mo), suckers emerging from stem and base (mo) | P298 | 2021-03-12 | A |
| 593 | 1622 | Acer negundo | Manitoba Maple | Good | 40 39 | 56 | Boundary | Codominant stems, lean (s), suckers emerging from stems (mo), wounds on stems (mo), 20% dead wood | P298 | 2021-03-12 | A |
| 594 | - | Picea glauca | White Spruce | Good | 52 | - | Boundary | Healthy | P298 | 2021-03-12 | A |
| 595 | - | Juglans nigra | Black Walnut | Good | 65 | - | Private | Lean (m) | P298 | 2021-03-12 | A |
| 596 | 0557 | Picea glauca | White Spruce | Poor | 44 | - | PH5 | 50% dead wood | P299 | 2021-03-12 | B |
| 597 | 0556 | Picea glauca | White Spruce | Poor | 46 | - | PH5 | 50% dead wood | P299 | 2021-03-12 | B |
| 598 | 0559 | Acer negundo | Manitoba Maple | Fair | 36 35 | 50 | PH5 | Codominant stems, union at grade | P300 | 2021-03-12 | B |
| 599 | 0555 | Acer negundo | Manitoba Maple | Poor | 36 30 | 47 | PH5 | Codominant stems, horizontal lean (s) | P301 | 2021-03-12 | B |
| 600 | 0554 | Acer negundo | Manitoba Maple | Poor | 33 | - | PH5 | Lean (m), suckers emerging from stem (s) | P301 | 2021-03-12 | B |
| 601 | 1621 | Acer negundo | Manitoba Maple | Poor | 31 | - | PH5 | Horizontal lean (s), suckers emerging from stem (m) | P301 | 2021-03-12 | B |
| 602 | 0553 | Pinus sylvestris | Scots Pine | Fair | 25 | - | PH5 | Lean (mo), fair vigor | P301 | 2021-03-12 | B |
| 603 | 0551 | Acer negundo | Manitoba Maple | Poor | 34 | - | PH5 | Lean (s), 10% dead wood | P301 | 2021-03-12 | B |
| 604 | 1620 | Acer platanoides | Norway Maple | Good | 20 | - | PH5 | Healthy | P302 | 2021-03-12 | B |
| 605 | 1619 | Acer platanoides | Norway Maple | Good | 20 | - | PH5 | Healthy | P302 | 2021-03-12 | B |
| 606 | 1618 | Ulmus americana | White Elm | Good | 89 | - | PH5 | Healthy | P302 | 2021-03-12 | B |
| 607 | 1617 | Populus sp. | Poplar Species | Good | 25 | - | PH5 | Lean (m) | P302 | 2021-03-12 | B |
| 608 | 1616 | Acer negundo | Manitoba Maple | Good | 21 | - | PH5 | Lean (m) | P302 | 2021-03-12 | B |
| 609 | 1615 | Picea glauca | White Spruce | Good | 44 | - | Private | Healthy | P303 | 2021-03-12 | A |
| 610 | 1614 | Picea glauca | White Spruce | Good | 35 | - | Private | Healthy | P303 | 2021-03-12 | A |

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| 611 | 1613 | Picea glauca | White Spruce | Good | 29 | - | Private | Healthy | P303 | 2021-03-12 | A |
| 612 | 1612 | Pinus nigra | Austrian Pine | Poor | 34 | - | Private | 70% dead wood, poor vigor | P303 | 2021-03-12 | A |
| 613 | 1611 | Pinus nigra | Austrian Pine | Fair | 42 | - | Private | Fair vigor | P303 | 2021-03-12 | A |
| 614 | 1610 | Pinus nigra | Austrian Pine | Good | 30 | - | Private | Healthy | P303 | 2021-03-12 | A |
| 615 | 1609 | Pinus nigra | Austrian Pine | Fair | 24 | - | Private | Fair vigor | P303 | 2021-03-12 | A |
| 616 | 1608 | Pinus nigra | Austrian Pine | Fair | 35 | - | Private | Fair vigor | P303 | 2021-03-12 | A |
| 617 | 1607 | Picea glauca | White Spruce | Good | 35 | - | Private | Healthy | P304 | 2021-03-12 | A |
| 618 | 1606 | Picea glauca | White Spruce | Good | 34 | - | Private | Healthy | P304 | 2021-03-12 | A |
| 619 | 1605 | Pinus nigra | Austrian Pine | Good | 32 | - | Private | Healthy | P304 | 2021-03-12 | A |
| 620 | 1604 | Pinus nigra | Austrian Pine | Good | 36 | - | Private | Healthy | P304 | 2021-03-12 | A |
| 621 | 1603 | Picea glauca | White Spruce | Good | 47 | - | Private | Healthy | P304 | 2021-03-12 | A |
| 622 | 1602 | Robinia pseudoacacia | Black Locust | Good | 60 | - | Private | Healthy | P305 | 2021-03-12 | A |
| 623 | 1601 | Prunus serotina | Black Cherry | Good | 37 | - | PH5 | Bowed crown | P306 | 2021-03-12 | B |
| 624 | 1600 | Robinia pseudoacacia | Black Locust | Good | 58 | - | PH5 | Healthy | P307 | 2021-03-12 | A |
| 625 | 1599 | Sorbus sp. | Mountain Ash Species | Poor | 23 | - | PH5 | Located between fence and adjacent cherry, wounded leader, rubbing/crossing branches | P308 | 2021-03-12 | C |
| 626 | 1598 | Prunus serotina | Black Cherry | Poor | 33 28 | 43 | PH5 | Codominant stems, wounds at base with decay, poor form | P308 | 2021-03-12 | C |
| 627 | 1597 | Tilia americana | Basswood | Good | 20 19 | 28 | PH5 | Codominant stems, healthy | P309 | 2021-03-12 | A |
| 628 | 1596 | Picea pungens | Colorado Spruce | Good | 45 | - | PH5 | Healthy | P310 | 2021-03-12 | B |
| 629 | 1595 | Picea pungens | Colorado Spruce | Good | 40 | - | PH5 | Healthy, union at 1.8m | P310 | 2021-03-12 | B |
| 630 | 1594 | Juglans nigra | Black Walnut | Good | 61 | - | PH5 | Healthy | P311 | 2021-03-12 | B |
| 631 | 1593 | Juglans nigra | Black Walnut | Good | 67 | - | PH5 | Healthy, adjacent to dead tree | P311 | 2021-03-12 | B |
| 632 | - | Pinus resinosa | Red Pine | Good | 37 | - | Private | Healthy | P312 | 2021-03-12 | A |
| 633 | 1592 | Pinus sylvestris | Scots Pine | Good | 43 | - | PH5 | Healthy | P313 | 2021-03-12 | B |
| 634 | - | Pinus resinosa | Red Pine | Good | 45 | - | Private | Healthy | P313 | 2021-03-12 | A |
| 635 | 1591 | Pinus sylvestris | Scots Pine | Good | 42 | - | PH5 | Healthy | P313 | 2021-03-12 | B |
| 636 | - | Picea glauca | White Spruce | Good | 45 | - | Private | Healthy | P314 | 2021-03-12 | A |

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| 637 | 0522 | Crataegus sp. | Hawthorn Species | Fair | 27 19 15 | 36 | PH5 | Clumped, wound on stem (m) | P315 | 2021-03-12 | B |
| 638 | 1590 | Crataegus sp. | Hawthorn Species | Fair | 28 | - | PH5 | Hollow, wound at base (mo) | P315 | 2021-03-12 | B |
| 639 | - | Picea glauca | White Spruce | Good | 33 | - | Private | Healthy | P315 | 2021-03-12 | A |
| 640 | 0521 | Crataegus sp. | Hawthorn Species | Fair | 27 23 23 22 16 15 | 52 | PH5 | Clumped | P316 | 2021-03-12 | B |
| 641 | 1589 | Picea glauca | White Spruce | Good | 25 | - | PH5 | Healthy | P317 | 2021-03-12 | B |
| 642 | 1588 | Crataegus sp. | Hawthorn Species | Good | 20 10 | 22 | PH5 | Healthy | P317 | 2021-03-12 | B |
| 643 | 0520 | Picea glauca | White Spruce | Good | 33 | - | PH5 | Healthy | P318 | 2021-03-12 | B |
| 644 | 0519 | Picea glauca | White Spruce | Good | 37 | - | PH5 | Healthy | P318 | 2021-03-12 | B |
| 645 | 1587 | Picea glauca | White Spruce | Good | 35 | - | PH5 | Growing behind golf course netting | P318 | 2021-03-12 | B |
| 646 | 1586 | Picea glauca | White Spruce | Good | 20 | - | PH5 | Growing behind golf course netting | P319 | 2021-03-12 | B |
| 647 | 1585 | Tilia americana | Basswood | Poor | 58 55 53 40 40 | 111 | PH5 | Clumped, 50% dead wood, dead stem over neighbours shed | P319-320 | 2021-03-12 | B |
| 648 | 1584 | Acer saccharinum | Silver Maple | Good | 83 27 | 87 | PH5 | Adjacent to basswood | P321 | 2021-03-12 | B |
| 649 | 1583 | Acer saccharinum | Silver Maple | Good | 70 | - | PH5 | Healthy | P322 | 2021-03-12 | B |
| 650 | 1582 | Salix sp. | Willow Species | Good | 75 | - | PH5 | Suckers emerging from stem (m), adjacent to creek | P322 | 2021-03-12 | B |
| 651 | 1581 | Salix sp. | Willow Species | Good | 65 | - | PH5 | Lean (m) | P322 | 2021-03-12 | B |
| 652 | 1580 | Acer saccharinum | Silver Maple | Fair | 105 71 | 127 | PH5 | Codominant stems, union at grade, burls on trunk | P322 | 2021-03-12 | B |
| 653 | 1579 | Malus sp. | Apple Species | Poor | 30 | - | PH5 | 30% dead wood | P323 | 2021-03-12 | B |
| 654 | 1578 | Pinus sylvestris | Scots Pine | Good | 25 | - | PH5 | Branches rubbing/crossing with adjacent maple | P323 | 2021-03-12 | B |
| 655 | 1577 | Pinus sylvestris | Scots Pine | Good | 32 | - | PH5 | Healthy | P323 | 2021-03-12 | B |
| 656 | 1576 | Pinus sylvestris | Scots Pine | Good | 36 | - | PH5 | Healthy | P323 | 2021-03-12 | B |
| 657 | 1575 | Acer saccharum | Sugar Maple | Fair | 34 24 | 42 | PH5 | Third stem dead | P323 | 2021-03-12 | B |
| 658 | 1574 | Malus sp. | Apple Species | Good | 28 | - | PH5 | Bowed crown | P323 | 2021-03-12 | B |

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PROJECT NO. 2021012

***Recommendations**

A - Tree to be retained where proposed grading allows. (152 trees)

B - Removal of tree required due to conflicts with proposed construction and grading. (109 trees)

C - Removal of tree recommended due to poor health and condition of species. (4 trees)

LEGEND

(m): mild, (mo): moderate, (s): severe

DBH: Diameter at Breast Height (1.4m off finished grade). **Note: DBH measurements may be estimated on trees located on private residential lands.

***Cumulative DBH: Calculated using square root of all stems squared on multi-stemmed trees.

******Ownership Categories:**

PH5 - Tree is located within the extent of the Phase 5 works, entirely on the subject property

Boundary - Tree trunk(s) are growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

Private - Tree is privately owned by the neighbouring property owner and located within 3m of the subject property.

Town - Tree is located on Town property and is owned/regulated by the Town of Aurora.

| Tree No. | Tag No. | Species | | Condition Rating | DBH (Individual stems)** | Cumulative DBH *** | Ownership Categories **** | Notes | Photo Reference No. | Date of Assessment | Recommendations* |
|----------|---------|--------------------|---------------------|------------------|---|--------------------|---------------------------|--|---------------------|--------------------|------------------|
| | | Botanical Name | Common Name | | | | | | | | |
| 659 | 1573 | Malus sp. | Apple Species | Fair | 37 34 | 50 | PH5 | Third stem removed | P323 | 2021-03-12 | B |
| 660 | 0501 | Pinus sylvestris | Scots Pine | Good | 24 | - | PH5 | Healthy | P323 | 2021-03-12 | B |
| 661 | 1572 | Pinus sylvestris | Scots Pine | Good | 24 | - | PH5 | Healthy | P323 | 2021-03-12 | B |
| 662 | 1571 | Pinus sylvestris | Scots Pine | Good | 28 | - | PH5 | Healthy | P323 | 2021-03-12 | B |
| 663 | 1570 | Pinus sylvestris | Scots Pine | Good | 35 | - | PH5 | Healthy | P323 | 2021-03-12 | B |
| 664 | 1569 | Pinus sylvestris | Scots Pine | Good | 35 | - | PH5 | Healthy | P323 | 2021-03-12 | B |
| 665 | 1568 | Pinus sylvestris | Scots Pine | Good | 32 | - | PH5 | Healthy | P323 | 2021-03-12 | B |
| 666 | 1567 | Pinus strobus | Eastern White Pine | Good | 48 | - | PH5 | Healthy | P324 | 2021-03-12 | B |
| 667 | 1566 | Acer saccharinum | Silver Maple | Fair | 30 29 26 22 10 | 55 | Boundary | Clumped | P325 | 2021-03-12 | B |
| 668 | 1565 | Ulmus americana | White Elm | Good | 45 | - | PH5 | Healthy | P326 | 2021-03-12 | B |
| 669 | 1564 | Acer platanoides | Norway Maple | Fair | 20 | - | PH5 | Lean (mo), adjacent to dead tree | P326 | 2021-03-12 | B |
| 670 | 1563 | Acer platanoides | Norway Maple | Good | 29 | - | PH5 | Healthy | P327 | 2021-03-12 | B |
| 671 | 1562 | Malus sp. | Apple Species | Fair | 41 37 | 55 | PH5 | Codominant stems, suckers emerging from stem (m) | P327 | 2021-03-12 | B |
| 672 | 1561 | Acer saccharinum | Silver Maple | Fair | 30 13 | 33 | PH5 | Union at 0.4m | P328 | 2021-03-12 | B |
| 673 | 1560 | Thuja occidentalis | Eastern White Cedar | Good | 50 44 | 67 | PH5 | Codominant stems, healthy | P328 | 2021-03-12 | B |
| 674 | 0485 | Thuja occidentalis | Eastern White Cedar | Good | 51 48 43 41 | 92 | PH5 | Clumped, healthy | P329 | 2021-03-12 | A |
| 675 | 1559 | Thuja occidentalis | Eastern White Cedar | Good | 23 | - | PH5 | Lean (m) | P329 | 2021-03-12 | A |
| 676 | 1558 | Tilia americana | Basswood | Fair | 46 35 15 15 14 12 12 10 9 | 67 | Boundary | Clumped, suckers emerging from base (s) | P330 | 2021-03-12 | A |
| 677 | 0483 | Tilia americana | Basswood | Fair | 35 25 17 | 46 | Boundary | Clumped, 20% dead wood | P330 | 2021-03-12 | A |
| 678 | - | Juglans nigra | Black Walnut | Good | 53 | - | Boundary | Healthy | P330 | 2021-03-12 | A |

SCHOLLEN & Company Inc.
Tree Inventory & Assessment Matrix
Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

***Recommendations**

A - Tree to be retained where proposed grading allows. (152 trees)

B - Removal of tree required due to conflicts with proposed construction and grading. (109 trees)

C - Removal of tree recommended due to poor health and condition of species. (4 trees)

LEGEND

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DBH: Diameter at Breast Height (1.4m off finished grade). **Note: DBH measurements may be estimated on trees located on private residential lands.

***Cumulative DBH: Calculated using square root of all stems squared on multi-stemmed trees.

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Boundary - Tree trunk(s) are growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

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Town - Tree is located on Town property and is owned/regulated by the Town of Aurora.

| Tree No. | Tag No. | Species | | Condition Rating | DBH (Individual stems)** | Cumulative DBH *** | Ownership Categories **** | Notes | Photo Reference No. | Date of Assessment | Recommendations* |
|----------|---------|--------------------|---------------------|------------------|---------------------------------|--------------------|---------------------------|--|---------------------|--------------------|------------------|
| | | Botanical Name | Common Name | | | | | | | | |
| 679 | - | Pinus sylvestris | Scots Pine | Fair | 56 | - | Boundary | Fair vigor | P330 | 2021-03-12 | A |
| 680 | 1557 | Picea glauca | White Spruce | Good | 22 | - | PH5 | Healthy | P331 | 2021-03-12 | B |
| 681 | 1556 | Pinus nigra | Austrian Pine | Good | 50 | - | PH5 | Healthy | P332 | 2021-03-12 | B |
| 682 | 1555 | Tilia americana | Basswood | Good | 41 40 33 | 66 | PH5 | Clumped, healthy | P332 | 2021-03-12 | B |
| 683 | 1554 | Tilia americana | Basswood | Good | 40 33 31 | 60 | PH5 | Clumped, healthy | P332 | 2021-03-12 | B |
| 684 | 1553 | Acer saccharinum | Silver Maple | Good | 70 | - | PH5 | Healthy | P333 | 2021-03-12 | B |
| 685 | 1552 | Acer platanoides | Norway Maple | Fair | 52 | - | PH5 | Poor form | P333 | 2021-03-12 | B |
| 686 | 1551 | Tilia americana | Basswood | Good | 49 | - | PH5 | Healthy | P333 | 2021-03-12 | B |
| 687 | 1550 | Pinus nigra | Austrian Pine | Good | 50 | - | PH5 | Healthy | P334 | 2021-03-12 | B |
| 688 | 1549 | Pinus sylvestris | Scots Pine | Good | 48 | - | PH5 | Healthy | P334 | 2021-03-12 | B |
| 689 | 0474 | Acer platanoides | Norway Maple | Fair | 33 24 | 41 | PH5 | Codominant stems, union at 1m, wound at base (m) | P335 | 2021-03-12 | B |
| 690 | 1548 | Pinus sylvestris | Scots Pine | Good | 52 | - | PH5 | Healthy | P336 | 2021-03-12 | B |
| 691 | 0467 | Pinus sylvestris | Scots Pine | Fair | 29 | - | PH5 | Canopy crowded by adjacent cedars | P337 | 2021-03-12 | B |
| 692 | 0469 | Thuja occidentalis | Eastern White Cedar | Good | 20 14 12 11 10 | 31 | PH5 | Clumped, healthy | P337 | 2021-03-12 | B |
| 693 | 0468 | Thuja occidentalis | Eastern White Cedar | Good | 25 18 16 15 14 | 40 | PH5 | Clumped, healthy | P337 | 2021-03-12 | B |
| 694 | 0470 | Thuja occidentalis | Eastern White Cedar | Good | 22 21 16 14 10 8 | 39 | PH5 | Clumped, healthy | P337 | 2021-03-12 | B |
| 695 | 1547 | Thuja occidentalis | Eastern White Cedar | Good | 21 | - | PH5 | Healthy | P337 | 2021-03-12 | B |
| 696 | 1546 | Acer platanoides | Norway Maple | Good | 26 | - | Town | Mower damage to structural roots (m) | P338 | 2021-03-12 | A |
| 697 | 1545 | Acer platanoides | Norway Maple | Good | 28 | - | Town | Mower damage to structural roots (m) | P339 | 2021-03-12 | A |
| 698 | 1544 | Acer platanoides | Norway Maple | Good | 28 | - | Town | Frost crack on trunk | P339 | 2021-03-12 | A |

SCHOLLEN & Company Inc.
Tree Inventory & Assessment Matrix
Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

***Recommendations**

A - Tree to be retained where proposed grading allows. (152 trees)

B - Removal of tree required due to conflicts with proposed construction and grading. (109 trees)

C - Removal of tree recommended due to poor health and condition of species. (4 trees)

LEGEND

(m): mild, (mo): moderate, (s): severe

****DBH:** Diameter at Breast Height (1.4m off finished grade). **Note:** DBH measurements may be estimated on trees located on private residential lands.

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| Tree No. | Tag No. | Species | | Condition Rating | DBH (Individual stems)** | Cumulative DBH *** | Ownership Categories **** | Notes | Photo Reference No. | Date of Assessment | Recommendations* |
|----------|---------|------------------|--------------|------------------|--------------------------|--------------------|---------------------------|--------------------------------------|---------------------|--------------------|------------------|
| | | Botanical Name | Common Name | | | | | | | | |
| 699 | 1543 | Acer platanoides | Norway Maple | Good | 32 | - | Town | Mower damage to structural roots (m) | P340 | 2021-03-12 | A |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

- * **Condition Rating (as a %):** Good = 100%, Fair = 60%, Poor = 20%
- ** **Quantity of Nursery Stock for Replacement:** Replacement trees are to be 70mm (7cm) cal. Quantity of Replacement Trees is calculated by DBH or Cumulative DBH / 7
- *** **Cost of Replacement Trees: Deciduous Trees** = \$240.00 (Cost of Tree, 70mm. Cal.) * 2.5 (Installation Cost, Materials, Warranty) = **\$600.00**
Coniferous Trees = \$225.00 (Cost of Tree, 175-200cm ht.) * 2.5 (Installation Cost, Materials, Warranty) = **\$562.50**
- **** **ISA Species Rating:** Determined by the ISA, Ontario Chapter
- ***** **Town of Aurora Tree Compensation Value:** Calculation as follows: Condition Rating % * Quantity of Nursery Stock for Replacement * Cost of Replacement Trees * ISA Species Rating
Compensation Value for Grouped Trees (G): Calculation as follows: (Median DBH of stems * Number of stems / 7) * Condition Rating % * Cost of Replacement Trees * ISA Species Rating

| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|------------------|-----------------|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 435 | 1705 | Picea pungens | Colorado Spruce | Good | 42 | PH5 | A | 100% | 6.0 | \$ 562.50 | 75% | \$ 2,531.25 | \$ - |
| 436 | - | Acer platanoides | Norway Maple | Good | 27 | Private | A | 100% | 3.9 | \$ 600.00 | 68% | \$ 1,573.71 | \$ - |
| 437 | 1704 | Acer platanoides | Norway Maple | Good | 36 | PH5 | A | 100% | 5.1 | \$ 600.00 | 68% | \$ 2,098.29 | \$ - |
| 438 | - | Picea pungens | Colorado Spruce | Good | 45 | Private | A | 100% | 6.4 | \$ 562.50 | 75% | \$ 2,712.05 | \$ - |
| 439 | - | Acer saccharum | Sugar Maple | Good | 28 | Private | A | 100% | 4.0 | \$ 600.00 | 78% | \$ 1,872.00 | \$ - |
| 440 | 1703 | Acer platanoides | Norway Maple | Good | 52 | PH5 | A | 100% | 7.4 | \$ 600.00 | 68% | \$ 3,030.86 | \$ - |
| 441 | 1702 | Salix sp. | Willow Species | Good | 26 | PH5 | A | 100% | 3.7 | \$ 600.00 | 45% | \$ 1,002.86 | \$ - |
| 442 | 1701 | Salix sp. | Willow Species | Good | 36 | PH5 | A | 100% | 5.1 | \$ 600.00 | 45% | \$ 1,388.57 | \$ - |
| 443 | 1700 | Acer platanoides | Norway Maple | Good | 36 | PH5 | A | 100% | 5.1 | \$ 600.00 | 68% | \$ 2,098.29 | \$ - |
| 444 | - | Tilia americana | Basswood | Fair | 35 | Private | A | 60% | 5.0 | \$ 600.00 | 63% | \$ 1,134.00 | \$ - |
| 445 | - | Picea glauca | White Spruce | Good | 33 | Private | A | 100% | 4.7 | \$ 562.50 | 72% | \$ 1,909.29 | \$ - |
| 446 | - | Picea pungens | Colorado Spruce | Good | 37 | Private | A | 100% | 5.3 | \$ 562.50 | 75% | \$ 2,229.91 | \$ - |
| 447 | - | Picea pungens | Colorado Spruce | Good | 41 | Private | A | 100% | 5.9 | \$ 562.50 | 75% | \$ 2,470.98 | \$ - |
| 448 | - | Picea pungens | Colorado Spruce | Good | 43 | Private | A | 100% | 6.1 | \$ 562.50 | 75% | \$ 2,591.52 | \$ - |
| 449 | - | Picea pungens | Colorado Spruce | Good | 35 | Private | A | 100% | 5.0 | \$ 562.50 | 75% | \$ 2,109.38 | \$ - |
| 450 | - | Picea pungens | Colorado Spruce | Good | 20 | Private | A | 100% | 2.9 | \$ 562.50 | 75% | \$ 1,205.36 | \$ - |
| 451 | 1699 | Tilia americana | Basswood | Fair | 55 | Boundary | A | 60% | 7.9 | \$ 600.00 | 63% | \$ 1,782.00 | \$ - |
| 452 | 1698 | Picea glauca | White Spruce | Good | 35 | PH5 | B | 100% | 5.0 | \$ 562.50 | 72% | \$ 2,025.00 | \$ 2,025.00 |
| 453 | 1697 | Picea pungens | Colorado Spruce | Fair | 24 | PH5 | B | 60% | 3.4 | \$ 562.50 | 75% | \$ 867.86 | \$ 867.86 |
| 454 | 1696 | Picea pungens | Colorado Spruce | Fair | 26 | PH5 | B | 60% | 3.7 | \$ 562.50 | 75% | \$ 940.18 | \$ 940.18 |
| 455 | 1695 | Picea pungens | Colorado Spruce | Good | 40 | PH5 | B | 100% | 5.7 | \$ 562.50 | 75% | \$ 2,410.71 | \$ 2,410.71 |
| 456 | 1694 | Picea glauca | White Spruce | Good | 38 | PH5 | B | 100% | 5.4 | \$ 562.50 | 72% | \$ 2,198.57 | \$ 2,198.57 |
| 457 | 1693 | Picea glauca | White Spruce | Good | 44 | PH5 | B | 100% | 6.3 | \$ 562.50 | 72% | \$ 2,545.71 | \$ 2,545.71 |
| 458 | - | Picea pungens | Colorado Spruce | Good | 22 | Private | A | 100% | 3.1 | \$ 562.50 | 75% | \$ 1,325.89 | \$ - |
| 459 | 1692 | Picea pungens | Colorado Spruce | Good | 28 | PH5 | B | 100% | 4.0 | \$ 562.50 | 75% | \$ 1,687.50 | \$ 1,687.50 |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

- * **Condition Rating (as a %):** Good = 100%, Fair = 60%, Poor = 20%
- ** **Quantity of Nursery Stock for Replacement:** Replacement trees are to be 70mm (7cm) cal. Quantity of Replacement Trees is calculated by DBH or Cumulative DBH / 7
- *** **Cost of Replacement Trees:** Deciduous Trees = \$240.00 (Cost of Tree, 70mm. Cal.) * 2.5 (Installation Cost, Materials, Warranty) = **\$600.00**
Coniferous Trees = \$225.00 (Cost of Tree, 175-200cm ht.) * 2.5 (Installation Cost, Materials, Warranty) = **\$562.50**
- **** **ISA Species Rating:** Determined by the ISA, Ontario Chapter
- ***** **Town of Aurora Tree Compensation Value:** Calculation as follows: Condition Rating % * Quantity of Nursery Stock for Replacement * Cost of Replacement Trees * ISA Species Rating
- Compensation Value for Grouped Trees (G):** Calculation as follows: (Median DBH of stems * Number of stems / 7) * Condition Rating % * Cost of Replacement Trees * ISA Species Rating

| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|------------------|-----------------------------------|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 460 | 1691 | Acer saccharinum | Silver Maple | Good | 74 | PH5 | A | 100% | 10.6 | \$ 600.00 | 60% | \$ 3,805.71 | \$ - |
| 461 | 1690 | Tilia americana | Basswood | Good | 46 | PH5 | A | 100% | 6.6 | \$ 600.00 | 63% | \$ 2,484.00 | \$ - |
| 462 | 1689 | Tilia americana | Basswood | Good | 48 | PH5 | A | 100% | 6.9 | \$ 600.00 | 63% | \$ 2,592.00 | \$ - |
| 463 | 1688 | Ulmus americana | White Elm | Good | 81 | PH5 | A | 100% | 11.6 | \$ 600.00 | 58% | \$ 4,026.86 | \$ - |
| 464 | 1687 | Tilia americana | Basswood | Good | 49 | PH5 | A | 100% | 7.0 | \$ 600.00 | 63% | \$ 2,646.00 | \$ - |
| 465 | 1686 | Picea pungens | Colorado Spruce | Good | 38 | PH5 | B | 100% | 5.4 | \$ 562.50 | 75% | \$ 2,290.18 | \$ 2,290.18 |
| 466 | 0656 | Picea pungens | Colorado Spruce | Good | 31 | PH5 | B | 100% | 4.4 | \$ 562.50 | 75% | \$ 1,868.30 | \$ 1,868.30 |
| 467 | 1685 | Picea pungens | Colorado Spruce | Good | 34 | PH5 | B | 100% | 4.9 | \$ 562.50 | 75% | \$ 2,049.11 | \$ 2,049.11 |
| 468 | 1684 | Pinus sylvestris | Scots Pine | Good | 43 | PH5 | B | 100% | 6.1 | \$ 562.50 | 53% | \$ 1,831.34 | \$ 1,831.34 |
| 469 | 1683 | Tilia americana | Basswood | Good | 54 | PH5 | B | 100% | 7.7 | \$ 600.00 | 63% | \$ 2,916.00 | \$ 2,916.00 |
| 470 | 1682 | Pinus sylvestris | Scots Pine | Good | 34 | PH5 | A | 100% | 4.9 | \$ 562.50 | 53% | \$ 1,448.04 | \$ - |
| 471 | 1681 | Tilia americana | Basswood | Good | 57 | PH5 | B | 100% | 8.1 | \$ 600.00 | 63% | \$ 3,078.00 | \$ 3,078.00 |
| 472 | 1680 | Picea pungens | Colorado Spruce | Poor | 20 | PH5 | C | 20% | 2.9 | \$ 562.50 | 75% | \$ 241.07 | \$ 241.07 |
| 473G | - | Picea glauca | White Spruce (grouping, ±5 stems) | Good | 15 - 22 | PH5 | B | 100% | 13.2 | \$ 562.50 | 72% | \$ 5,351.79 | \$ 5,351.79 |
| 474 | 1679 | Pinus sylvestris | Scots Pine | Good | 35 | PH5 | B | 100% | 5.0 | \$ 562.50 | 53% | \$ 1,490.63 | \$ 1,490.63 |
| 475G | - | Picea glauca | White Spruce (grouping, ±6 stems) | Good | 15 - 38 | PH5 | B | 100% | 22.7 | \$ 562.50 | 72% | \$ 9,199.29 | \$ 9,199.29 |
| 476 | 1678 | Pinus sylvestris | Scots Pine | Good | 39 | PH5 | A | 100% | 5.6 | \$ 562.50 | 53% | \$ 1,660.98 | \$ - |
| 477 | 1677 | Pinus resinosa | Red Pine | Fair | 35 | PH5 | A | 60% | 5.0 | \$ 562.50 | 70% | \$ 1,181.25 | \$ - |
| 478 | - | Acer platanoides | Norway Maple | Fair | 71 | Private | A | 60% | 10.1 | \$ 600.00 | 68% | \$ 2,482.97 | \$ - |
| 479 | - | Aesculus sp. | Horsechestnut Species | Good | 22 | Private | A | 100% | 3.1 | \$ 600.00 | 62% | \$ 1,169.14 | \$ - |
| 480 | - | Pinus nigra | Austrian Pine | Good | 38 | Private | A | 100% | 5.4 | \$ 562.50 | 63% | \$ 1,923.75 | \$ - |
| 481 | 1676 | Picea glauca | White Spruce | Good | 50 | PH5 | A | 100% | 7.1 | \$ 562.50 | 72% | \$ 2,892.86 | \$ - |
| 482 | 1675 | Pinus sylvestris | Scots Pine | Good | 33 | PH5 | A | 100% | 4.7 | \$ 562.50 | 53% | \$ 1,405.45 | \$ - |
| 483 | 1674 | Picea glauca | White Spruce | Good | 26 | PH5 | A | 100% | 3.7 | \$ 562.50 | 72% | \$ 1,504.29 | \$ - |
| 484 | 1673 | Picea glauca | White Spruce | Good | 46 | PH5 | A | 100% | 6.6 | \$ 562.50 | 72% | \$ 2,661.43 | \$ - |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

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| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|--------------------|---------------------|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 485 | 1672 | Pinus nigra | Austrian Pine | Good | 39 | PH5 | A | 100% | 5.6 | \$ 562.50 | 63% | \$ 1,974.38 | \$ - |
| 486 | 1671 | Tilia americana | Basswood | Good | 56 | PH5 | A | 100% | 8.0 | \$ 600.00 | 63% | \$ 3,024.00 | \$ - |
| 487 | 1670 | Acer negundo | Manitoba Maple | Poor | 36 | PH5 | C | 20% | 5.1 | \$ 600.00 | 38% | \$ 234.51 | \$ 234.51 |
| 488 | 1669 | Tilia americana | Basswood | Good | 53 | PH5 | A | 100% | 7.6 | \$ 600.00 | 63% | \$ 2,862.00 | \$ - |
| 489 | 1668 | Thuja occidentalis | Eastern White Cedar | Fair | 50 | PH5 | B | 60% | 7.1 | \$ 562.50 | 70% | \$ 1,687.50 | \$ 1,687.50 |
| 490 | 0634 | Thuja occidentalis | Eastern White Cedar | Fair | 46 | PH5 | B | 60% | 6.6 | \$ 562.50 | 70% | \$ 1,552.50 | \$ 1,552.50 |
| 491 | 1667 | Thuja occidentalis | Eastern White Cedar | Fair | 62 | PH5 | B | 60% | 8.9 | \$ 562.50 | 70% | \$ 2,092.50 | \$ 2,092.50 |
| 492 | 1666 | Thuja occidentalis | Eastern White Cedar | Good | 56 | PH5 | B | 100% | 8.0 | \$ 562.50 | 70% | \$ 3,150.00 | \$ 3,150.00 |
| 493 | 0631 | Betula papyrifera | Paper Birch | Good | 56 | PH5 | A | 100% | 8.0 | \$ 600.00 | 63% | \$ 3,024.00 | \$ - |
| 494 | 0630 | Tilia americana | Basswood | Good | 49 | PH5 | A | 100% | 7.0 | \$ 600.00 | 63% | \$ 2,646.00 | \$ - |
| 495 | 1665 | Pinus nigra | Austrian Pine | Good | 55 | Boundary | A | 100% | 7.9 | \$ 562.50 | 63% | \$ 2,784.38 | \$ - |
| 496 | 1664 | Picea glauca | White Spruce | Good | 21 | Boundary | A | 100% | 3.0 | \$ 562.50 | 72% | \$ 1,215.00 | \$ - |
| 497 | 1663 | Catalpa sp. | Catalpa Species | Fair | 74 | Boundary | A | 60% | 10.6 | \$ 600.00 | 62% | \$ 2,359.54 | \$ - |
| 498 | 1662 | Pinus nigra | Austrian Pine | Good | 45 | Boundary | A | 100% | 6.4 | \$ 562.50 | 63% | \$ 2,278.13 | \$ - |
| 499 | 0622 | Tilia cordata | Littleleaf Linden | Good | 63 | PH5 | B | 100% | 9.0 | \$ 600.00 | 72% | \$ 3,888.00 | \$ 3,888.00 |
| 500 | 1661 | Acer platanoides | Norway Maple | Fair | 39 | PH5 | B | 60% | 5.6 | \$ 600.00 | 68% | \$ 1,363.89 | \$ 1,363.89 |
| 501 | 1660 | Pinus nigra | Austrian Pine | Good | 49 | PH5 | B | 100% | 7.0 | \$ 562.50 | 63% | \$ 2,480.63 | \$ 2,480.63 |
| 502 | 1659 | Tilia americana | Basswood | Good | 41 | PH5 | A | 100% | 5.9 | \$ 600.00 | 63% | \$ 2,214.00 | \$ - |
| 503 | - | Picea glauca | White Spruce | Good | 32 | Private | A | 100% | 4.6 | \$ 562.50 | 72% | \$ 1,851.43 | \$ - |
| 504 | 0620 | Tilia americana | Basswood | Good | 56 | PH5 | A | 100% | 8.0 | \$ 600.00 | 63% | \$ 3,024.00 | \$ - |
| 505 | 0618 | Malus sp. | Apple Species | Good | 33 | PH5 | A | 100% | 4.7 | \$ 600.00 | 52% | \$ 1,470.86 | \$ - |
| 506 | - | Picea pungens | Colorado Spruce | Poor | 36 | Private | A | 100% | 5.1 | \$ 562.50 | 75% | \$ 2,169.64 | \$ - |
| 507 | - | Picea glauca | White Spruce | Good | 51 | PH5 | A | 100% | 7.3 | \$ 562.50 | 72% | \$ 2,950.71 | \$ - |
| 508 | - | Picea pungens | Colorado Spruce | Fair | 23 | Private | A | 60% | 3.3 | \$ 562.50 | 75% | \$ 831.70 | \$ - |
| 509 | 0615 | Picea glauca | White Spruce | Good | 64 | PH5 | A | 100% | 9.1 | \$ 562.50 | 72% | \$ 3,702.86 | \$ - |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

- * **Condition Rating (as a %):** Good = 100%, Fair = 60%, Poor = 20%
- ** **Quantity of Nursery Stock for Replacement:** Replacement trees are to be 70mm (7cm) cal. Quantity of Replacement Trees is calculated by DBH or Cumulative DBH / 7
- *** **Cost of Replacement Trees: Deciduous Trees** = \$240.00 (Cost of Tree, 70mm. Cal.) * 2.5 (Installation Cost, Materials, Warranty) = **\$600.00**
Coniferous Trees = \$225.00 (Cost of Tree, 175-200cm ht.) * 2.5 (Installation Cost, Materials, Warranty) = **\$562.50**
- **** **ISA Species Rating:** Determined by the ISA, Ontario Chapter
- ***** **Town of Aurora Tree Compensation Value:** Calculation as follows: Condition Rating % * Quantity of Nursery Stock for Replacement * Cost of Replacement Trees * ISA Species Rating
Compensation Value for Grouped Trees (G): Calculation as follows: (Median DBH of stems * Number of stems / 7) * Condition Rating % * Cost of Replacement Trees * ISA Species Rating

| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|-------------------|-----------------|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 510 | 0613 | Picea pungens | Colorado Spruce | Good | 40 | Boundary | A | 100% | 5.7 | \$ 562.50 | 75% | \$ 2,410.71 | \$ - |
| 511 | 0611 | Picea pungens | Colorado Spruce | Good | 41 | Boundary | A | 100% | 5.9 | \$ 562.50 | 75% | \$ 2,470.98 | \$ - |
| 512 | - | Betula papyrifera | Paper Birch | Good | 46 | Private | A | 100% | 6.6 | \$ 600.00 | 63% | \$ 2,484.00 | \$ - |
| 513 | 1659 | Tilia americana | Basswood | Good | 52 | Boundary | A | 100% | 7.4 | \$ 600.00 | 63% | \$ 2,808.00 | \$ - |
| 514 | 0609 | Tilia americana | Basswood | Good | 51 | Boundary | A | 100% | 7.3 | \$ 600.00 | 63% | \$ 2,754.00 | \$ - |
| 515 | - | Acer saccharum | Sugar Maple | Fair | 37 | Private | A | 60% | 5.3 | \$ 600.00 | 78% | \$ 1,484.23 | \$ - |
| 516 | - | Picea pungens | Colorado Spruce | Good | 25 | PH5 | A | 100% | 3.6 | \$ 562.50 | 75% | \$ 1,506.70 | \$ - |
| 517 | 1658 | Picea pungens | Colorado Spruce | Fair | 20 | PH5 | A | 60% | 2.9 | \$ 562.50 | 75% | \$ 723.21 | \$ - |
| 518 | 1657 | Picea pungens | Colorado Spruce | Good | 22 | PH5 | B | 100% | 3.1 | \$ 562.50 | 75% | \$ 1,325.89 | \$ 1,325.89 |
| 519 | 1656 | Abies concolor | Silver Fir | Good | 20 | PH5 | B | 100% | 2.9 | \$ 562.50 | 76% | \$ 1,221.43 | \$ 1,221.43 |
| 520 | - | Picea pungens | Colorado Spruce | Good | 29 | Private | A | 100% | 4.1 | \$ 562.50 | 75% | \$ 1,747.77 | \$ - |
| 521 | 0608 | Picea glauca | White Spruce | Good | 34 | PH5 | A | 100% | 4.9 | \$ 562.50 | 72% | \$ 1,967.14 | \$ - |
| 522 | 1654 | Picea abies | Norway Spruce | Good | 28 | PH5 | A | 100% | 4.0 | \$ 562.50 | 71% | \$ 1,597.50 | \$ - |
| 523 | 0606 | Malus sp. | Apple Species | Good | 65 | PH5 | B | 100% | 9.3 | \$ 562.50 | 52% | \$ 2,716.07 | \$ 2,716.07 |
| 524 | 0607 | Picea glauca | White Spruce | Good | 36 | PH5 | A | 100% | 5.1 | \$ 562.50 | 72% | \$ 2,082.86 | \$ - |
| 525 | 0605 | Picea glauca | White Spruce | Good | 26 | PH5 | B | 100% | 3.7 | \$ 562.50 | 72% | \$ 1,504.29 | \$ 1,504.29 |
| 526 | 0604 | Picea glauca | White Spruce | Good | 25 | PH5 | B | 100% | 3.6 | \$ 562.50 | 72% | \$ 1,446.43 | \$ 1,446.43 |
| 527 | 0603 | Acer x freemanii | Freeman Maple | Good | 43 | PH5 | B | 100% | 6.1 | \$ 600.00 | 70% | \$ 2,580.00 | \$ 2,580.00 |
| 528 | - | Ulmus pumila | Siberian Elm | Good | 71 | PH5 | B | 100% | 10.1 | \$ 600.00 | 39% | \$ 2,373.43 | \$ 2,373.43 |
| 529 | 1653 | Pinus sylvestris | Scots Pine | Good | 39 | PH5 | B | 100% | 5.6 | \$ 562.50 | 53% | \$ 1,660.98 | \$ 1,660.98 |
| 530 | 1652 | Malus sp. | Apple Species | Good | 67 | PH5 | B | 100% | 9.6 | \$ 600.00 | 52% | \$ 2,986.29 | \$ 2,986.29 |
| 531 | - | Acer negundo | Manitoba Maple | Fair | 48 | Boundary | B | 60% | 6.9 | \$ 600.00 | 38% | \$ 938.06 | \$ 938.06 |
| 532 | 1651 | Acer negundo | Manitoba Maple | Good | 56 | PH5 | B | 100% | 8.0 | \$ 600.00 | 38% | \$ 1,824.00 | \$ 1,824.00 |
| 533 | 1650 | Tilia americana | Basswood | Poor | 44 | PH5 | B | 20% | 6.3 | \$ 600.00 | 63% | \$ 475.20 | \$ 475.20 |
| 534 | - | Acer platanoides | Norway Maple | Good | 43 | Private | A | 100% | 6.1 | \$ 600.00 | 68% | \$ 2,506.29 | \$ - |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

- * **Condition Rating (as a %):** Good = 100%, Fair = 60%, Poor = 20%
- ** **Quantity of Nursery Stock for Replacement:** Replacement trees are to be 70mm (7cm) cal. Quantity of Replacement Trees is calculated by DBH or Cumulative DBH / 7
- *** **Cost of Replacement Trees: Deciduous Trees** = \$240.00 (Cost of Tree, 70mm. Cal.) * 2.5 (Installation Cost, Materials, Warranty) = **\$600.00**
Coniferous Trees = \$225.00 (Cost of Tree, 175-200cm ht.) * 2.5 (Installation Cost, Materials, Warranty) = **\$562.50**
- **** **ISA Species Rating:** Determined by the ISA, Ontario Chapter
- ***** **Town of Aurora Tree Compensation Value:** Calculation as follows: Condition Rating % * Quantity of Nursery Stock for Replacement * Cost of Replacement Trees * ISA Species Rating
- Compensation Value for Grouped Trees (G):** Calculation as follows: (Median DBH of stems * Number of stems / 7) * Condition Rating % * Cost of Replacement Trees * ISA Species Rating

| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|------------------------------------|---|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 535 | - | Acer platanoides | Norway Maple | Good | 38 | Private | A | 100% | 5.4 | \$ 600.00 | 68% | \$ 2,214.86 | \$ - |
| 536 | - | Acer platanoides | Norway Maple | Fair | 40 | PH5 | A | 60% | 5.7 | \$ 600.00 | 68% | \$ 1,398.86 | \$ - |
| 537 | 1649 | Acer platanoides | Norway Maple | Good | 20 | Boundary | A | 100% | 2.9 | \$ 600.00 | 68% | \$ 1,165.71 | \$ - |
| 538 | - | Picea glauca | White Spruce | Good | 38 | Private | A | 100% | 5.4 | \$ 562.50 | 72% | \$ 2,198.57 | \$ - |
| 539 | 0596 | Betula papyrifera | Paper Birch | Good | 61 | PH5 | A | 100% | 8.7 | \$ 600.00 | 63% | \$ 3,294.00 | \$ - |
| 540 | - | Picea glauca | White Spruce | Good | 40 | Private | A | 100% | 5.7 | \$ 562.50 | 72% | \$ 2,314.29 | \$ - |
| 541 | - | Picea glauca | White Spruce | Good | 30 | Private | A | 100% | 4.3 | \$ 562.50 | 72% | \$ 1,735.71 | \$ - |
| 542 | - | Picea glauca | White Spruce | Good | 27 | Private | A | 100% | 3.9 | \$ 562.50 | 72% | \$ 1,562.14 | \$ - |
| 543 | 0595 | Quercus alba | White Oak | Good | 78 | PH5 | A | 100% | 11.1 | \$ 600.00 | 79% | \$ 5,281.71 | \$ - |
| 544 | - | Acer platanoides | Norway Maple | Good | 45 | PH5 | A | 100% | 6.4 | \$ 600.00 | 68% | \$ 2,622.86 | \$ - |
| 545 | - | Gleditsia triacanthos var. inermis | Thornless Honeylocust | Good | 50 | PH5 | A | 100% | 7.1 | \$ 600.00 | 66% | \$ 2,828.57 | \$ - |
| 546 | - | Betula papyrifera | Paper Birch | Good | 50 | Boundary | A | 100% | 7.1 | \$ 600.00 | 63% | \$ 2,700.00 | \$ - |
| 547 | 1646 | Betula papyrifera | Paper Birch | Good | 40 | PH5 | A | 100% | 5.7 | \$ 600.00 | 63% | \$ 2,160.00 | \$ - |
| 548 | 0590 | Larix sp. | Larch Species | Fair | 51 | PH5 | A | 60% | 7.3 | \$ 562.50 | 72% | \$ 1,770.43 | \$ - |
| 549 | 1645 | Larix sp. | Larch Species | Good | 39 | PH5 | A | 100% | 5.6 | \$ 562.50 | 72% | \$ 2,256.43 | \$ - |
| 550 | 0591 | Larix sp. | Larch Species | Good | 60 | PH5 | A | 100% | 8.6 | \$ 562.50 | 72% | \$ 3,471.43 | \$ - |
| 551 | 0588 | Larix sp. | Larch Species | Good | 45 | PH5 | A | 100% | 6.4 | \$ 562.50 | 72% | \$ 2,603.57 | \$ - |
| 552 | 1644 | Larix sp. | Larch Species | Good | 31 | PH5 | A | 100% | 4.4 | \$ 562.50 | 72% | \$ 1,793.57 | \$ - |
| 553 | 1643 | Larix sp. | Larch Species | Good | 57 | PH5 | A | 100% | 8.1 | \$ 562.50 | 72% | \$ 3,297.86 | \$ - |
| 554 | - | Acer platanoides | Norway Maple | Good | 28 | Private | A | 100% | 4.0 | \$ 600.00 | 68% | \$ 1,632.00 | \$ - |
| 555 | 1642 | Juglans nigra | Black Walnut | Good | 70 | Private | A | 100% | 10.0 | \$ 600.00 | 67% | \$ 4,020.00 | \$ - |
| 556G | - | Thuja occidentalis | Eastern White Cedar (grouping, ±18 stems) | Good | 10 - 30 | Private | A | 100% | 51.4 | \$ 562.50 | 70% | \$ 20,250.00 | \$ - |
| 557 | 1641 | Acer saccharinum | Silver Maple | Good | 62 | PH5 | A | 100% | 8.9 | \$ 600.00 | 60% | \$ 3,188.57 | \$ - |
| 558 | 1640 | Acer negundo | Manitoba Maple | Poor | 29 | PH5 | A | 20% | 4.1 | \$ 600.00 | 38% | \$ 188.91 | \$ - |
| 559 | 1639 | Acer negundo | Manitoba Maple | Fair | 32 | PH5 | A | 60% | 4.6 | \$ 600.00 | 38% | \$ 625.37 | \$ - |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

- * **Condition Rating (as a %):** Good = 100%, Fair = 60%, Poor = 20%
- ** **Quantity of Nursery Stock for Replacement:** Replacement trees are to be 70mm (7cm) cal. Quantity of Replacement Trees is calculated by DBH or Cumulative DBH / 7
- *** **Cost of Replacement Trees: Deciduous Trees** = \$240.00 (Cost of Tree, 70mm. Cal.) * 2.5 (Installation Cost, Materials, Warranty) = **\$600.00**
Coniferous Trees = \$225.00 (Cost of Tree, 175-200cm ht.) * 2.5 (Installation Cost, Materials, Warranty) = **\$562.50**
- **** **ISA Species Rating:** Determined by the ISA, Ontario Chapter
- ***** **Town of Aurora Tree Compensation Value:** Calculation as follows: Condition Rating % * Quantity of Nursery Stock for Replacement * Cost of Replacement Trees * ISA Species Rating
- Compensation Value for Grouped Trees (G):** Calculation as follows: (Median DBH of stems * Number of stems / 7) * Condition Rating % * Cost of Replacement Trees * ISA Species Rating

| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|--------------------|---------------------|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 560 | 1638 | Acer negundo | Manitoba Maple | Fair | 51 | PH5 | A | 60% | 7.3 | \$ 600.00 | 38% | \$ 996.69 | \$ - |
| 561 | 0584 | Juglans nigra | Black Walnut | Good | 76 | PH5 | A | 100% | 10.9 | \$ 600.00 | 67% | \$ 4,364.57 | \$ - |
| 562 | 1637 | Juglans nigra | Black Walnut | Good | 47 | PH5 | A | 100% | 6.7 | \$ 600.00 | 67% | \$ 2,699.14 | \$ - |
| 563 | 1636 | Juglans nigra | Black Walnut | Good | 100 | PH5 | A | 100% | 14.3 | \$ 600.00 | 67% | \$ 5,742.86 | \$ - |
| 564 | 1635 | Larix sp. | Larch Species | Good | 47 | PH5 | A | 100% | 6.7 | \$ 562.50 | 72% | \$ 2,719.29 | \$ - |
| 565 | 1634 | Acer negundo | Manitoba Maple | Good | 30 | PH5 | A | 100% | 4.3 | \$ 600.00 | 38% | \$ 977.14 | \$ - |
| 566 | 1633 | Larix sp. | Larch Species | Good | 40 | PH5 | A | 100% | 5.7 | \$ 562.50 | 72% | \$ 2,314.29 | \$ - |
| 567 | 1632 | Tilia americana | Basswood | Fair | 79 | PH5 | A | 60% | 11.3 | \$ 600.00 | 63% | \$ 2,559.60 | \$ - |
| 568 | 1631 | Salix sp. | Willow Species | Fair | 121 | PH5 | A | 60% | 17.3 | \$ 600.00 | 45% | \$ 2,800.29 | \$ - |
| 569 | - | Juglans nigra | Black Walnut | Good | 45 | Private | A | 100% | 6.4 | \$ 600.00 | 67% | \$ 2,584.29 | \$ - |
| 570 | - | Juglans nigra | Black Walnut | Good | 66 | Private | A | 100% | 9.4 | \$ 600.00 | 67% | \$ 3,790.29 | \$ - |
| 571 | - | Picea glauca | White Spruce | Fair | 22 | Private | A | 60% | 3.1 | \$ 562.50 | 72% | \$ 763.71 | \$ - |
| 572 | - | Picea glauca | White Spruce | Fair | 27 | Private | A | 60% | 3.9 | \$ 562.50 | 72% | \$ 937.29 | \$ - |
| 573 | - | Prunus serotina | Black Cherry | Fair | 36 | Private | A | 60% | 5.1 | \$ 600.00 | 63% | \$ 1,166.40 | \$ - |
| 574 | - | Picea glauca | White Spruce | Fair | 24 | Private | A | 60% | 3.4 | \$ 562.50 | 72% | \$ 833.14 | \$ - |
| 575 | - | Prunus serotina | Black Cherry | Fair | 49 | Private | A | 60% | 7.0 | \$ 600.00 | 63% | \$ 1,587.60 | \$ - |
| 576 | - | Acer platanoides | Norway Maple | Fair | 46 | Private | A | 60% | 6.6 | \$ 600.00 | 68% | \$ 1,608.69 | \$ - |
| 577 | - | Populus sp. | Poplar Species | Good | 39 | Private | A | 100% | 5.6 | \$ 600.00 | 48% | \$ 1,604.57 | \$ - |
| 578 | - | Juglans nigra | Black Walnut | Good | 58 | Private | A | 100% | 8.3 | \$ 600.00 | 67% | \$ 3,330.86 | \$ - |
| 579 | 1630 | Acer negundo | Manitoba Maple | Poor | 36 | Boundary | A | 20% | 5.1 | \$ 600.00 | 38% | \$ 234.51 | \$ - |
| 580 | - | Picea glauca | White Spruce | Fair | 32 | Private | A | 60% | 4.6 | \$ 562.50 | 72% | \$ 1,110.86 | \$ - |
| 581 | - | Picea glauca | White Spruce | Fair | 29 | Private | A | 60% | 4.1 | \$ 562.50 | 72% | \$ 1,006.71 | \$ - |
| 582 | 1629 | Betula papyrifera | Paper Birch | Good | 42 | Boundary | B | 100% | 6.0 | \$ 600.00 | 63% | \$ 2,268.00 | \$ 2,268.00 |
| 583 | 1628 | Picea pungens | Colorado Spruce | Good | 35 | PH5 | A | 100% | 5.0 | \$ 562.50 | 75% | \$ 2,109.38 | \$ - |
| 584 | 1627 | Thuja occidentalis | Eastern White Cedar | Good | 36 | PH5 | A | 100% | 5.1 | \$ 562.50 | 70% | \$ 2,025.00 | \$ - |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

- * **Condition Rating (as a %):** Good = 100%, Fair = 60%, Poor = 20%
- ** **Quantity of Nursery Stock for Replacement:** Replacement trees are to be 70mm (7cm) cal. Quantity of Replacement Trees is calculated by DBH or Cumulative DBH / 7
- *** **Cost of Replacement Trees: Deciduous Trees** = \$240.00 (Cost of Tree, 70mm. Cal.) * 2.5 (Installation Cost, Materials, Warranty) = **\$600.00**
Coniferous Trees = \$225.00 (Cost of Tree, 175-200cm ht.) * 2.5 (Installation Cost, Materials, Warranty) = **\$562.50**
- **** **ISA Species Rating:** Determined by the ISA, Ontario Chapter
- ***** **Town of Aurora Tree Compensation Value:** Calculation as follows: Condition Rating % * Quantity of Nursery Stock for Replacement * Cost of Replacement Trees * ISA Species Rating
- Compensation Value for Grouped Trees (G):** Calculation as follows: (Median DBH of stems * Number of stems / 7) * Condition Rating % * Cost of Replacement Trees * ISA Species Rating

| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|--------------------|--|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 585 | 1626 | Thuja occidentalis | Eastern White Cedar | Good | 35 | PH5 | A | 100% | 5.0 | \$ 562.50 | 70% | \$ 1,968.75 | \$ - |
| 586 | 1625 | Picea pungens | Colorado Spruce | Good | 40 | PH5 | A | 100% | 5.7 | \$ 562.50 | 75% | \$ 2,410.71 | \$ - |
| 587 | 0567 | Pinus sylvestris | Scots Pine | Fair | 36 | PH5 | B | 60% | 5.1 | \$ 562.50 | 53% | \$ 919.93 | \$ 919.93 |
| 588 | 1624 | Picea pungens | Colorado Spruce | Good | 21 | Boundary | A | 100% | 3.0 | \$ 562.50 | 75% | \$ 1,265.63 | \$ - |
| 589G | - | Thuja occidentalis | Eastern White Cedar (grouping, ± 12 stems) | Good | 5 - 30 | Boundary | A | 100% | 30.0 | \$ 562.50 | 70% | \$ 11,812.50 | \$ - |
| 590 | 0566 | Acer negundo | Manitoba Maple | Poor | 50 | Boundary | A | 20% | 7.1 | \$ 600.00 | 38% | \$ 325.71 | \$ - |
| 591 | - | Picea glauca | White Spruce | Good | 45 | Boundary | A | 100% | 6.4 | \$ 562.50 | 72% | \$ 2,603.57 | \$ - |
| 592 | 1623 | Acer negundo | Manitoba Maple | Poor | 48 | Boundary | A | 20% | 6.9 | \$ 600.00 | 38% | \$ 312.69 | \$ - |
| 593 | 1622 | Acer negundo | Manitoba Maple | Good | 56 | Boundary | A | 100% | 8.0 | \$ 600.00 | 38% | \$ 1,824.00 | \$ - |
| 594 | - | Picea glauca | White Spruce | Good | 52 | Boundary | A | 100% | 7.4 | \$ 562.50 | 72% | \$ 3,008.57 | \$ - |
| 595 | - | Juglans nigra | Black Walnut | Good | 65 | Private | A | 100% | 9.3 | \$ 600.00 | 67% | \$ 3,732.86 | \$ - |
| 596 | 0557 | Picea glauca | White Spruce | Poor | 44 | PH5 | B | 20% | 6.3 | \$ 562.50 | 72% | \$ 509.14 | \$ 509.14 |
| 597 | 0556 | Picea glauca | White Spruce | Poor | 46 | PH5 | B | 20% | 6.6 | \$ 562.50 | 72% | \$ 532.29 | \$ 532.29 |
| 598 | 0559 | Acer negundo | Manitoba Maple | Fair | 50 | PH5 | B | 60% | 7.1 | \$ 600.00 | 38% | \$ 977.14 | \$ 977.14 |
| 599 | 0555 | Acer negundo | Manitoba Maple | Poor | 47 | PH5 | B | 20% | 6.7 | \$ 600.00 | 38% | \$ 306.17 | \$ 306.17 |
| 600 | 0554 | Acer negundo | Manitoba Maple | Poor | 33 | PH5 | B | 20% | 4.7 | \$ 600.00 | 38% | \$ 214.97 | \$ 214.97 |
| 601 | 1621 | Acer negundo | Manitoba Maple | Poor | 31 | PH5 | B | 20% | 4.4 | \$ 600.00 | 38% | \$ 201.94 | \$ 201.94 |
| 602 | 0553 | Pinus sylvestris | Scots Pine | Fair | 25 | PH5 | B | 60% | 3.6 | \$ 562.50 | 53% | \$ 638.84 | \$ 638.84 |
| 603 | 0551 | Acer negundo | Manitoba Maple | Poor | 34 | PH5 | B | 20% | 4.9 | \$ 600.00 | 38% | \$ 221.49 | \$ 221.49 |
| 604 | 1620 | Acer platanoides | Norway Maple | Good | 20 | PH5 | B | 100% | 2.9 | \$ 600.00 | 68% | \$ 1,165.71 | \$ 1,165.71 |
| 605 | 1619 | Acer platanoides | Norway Maple | Good | 20 | PH5 | B | 100% | 2.9 | \$ 600.00 | 68% | \$ 1,165.71 | \$ 1,165.71 |
| 606 | 1618 | Ulmus americana | White Elm | Good | 89 | PH5 | B | 100% | 12.7 | \$ 600.00 | 58% | \$ 4,424.57 | \$ 4,424.57 |
| 607 | 1617 | Populus sp. | Poplar Species | Good | 25 | PH5 | B | 100% | 3.6 | \$ 600.00 | 48% | \$ 1,028.57 | \$ 1,028.57 |
| 608 | 1616 | Acer negundo | Manitoba Maple | Good | 21 | PH5 | B | 100% | 3.0 | \$ 600.00 | 38% | \$ 684.00 | \$ 684.00 |
| 609 | 1615 | Picea glauca | White Spruce | Good | 44 | Private | A | 100% | 6.3 | \$ 562.50 | 72% | \$ 2,545.71 | \$ - |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

- * **Condition Rating (as a %):** Good = 100%, Fair = 60%, Poor = 20%
- ** **Quantity of Nursery Stock for Replacement:** Replacement trees are to be 70mm (7cm) cal. Quantity of Replacement Trees is calculated by DBH or Cumulative DBH / 7
- *** **Cost of Replacement Trees: Deciduous Trees** = \$240.00 (Cost of Tree, 70mm. Cal.) * 2.5 (Installation Cost, Materials, Warranty) = **\$600.00**
Coniferous Trees = \$225.00 (Cost of Tree, 175-200cm ht.) * 2.5 (Installation Cost, Materials, Warranty) = **\$562.50**
- **** **ISA Species Rating:** Determined by the ISA, Ontario Chapter
- ***** **Town of Aurora Tree Compensation Value:** Calculation as follows: Condition Rating % * Quantity of Nursery Stock for Replacement * Cost of Replacement Trees * ISA Species Rating
- Compensation Value for Grouped Trees (G):** Calculation as follows: (Median DBH of stems * Number of stems / 7) * Condition Rating % * Cost of Replacement Trees * ISA Species Rating

| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|----------------------|----------------------|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 610 | 1614 | Picea glauca | White Spruce | Good | 35 | Private | A | 100% | 5.0 | \$ 562.50 | 72% | \$ 2,025.00 | \$ - |
| 611 | 1613 | Picea glauca | White Spruce | Good | 29 | Private | A | 100% | 4.1 | \$ 562.50 | 72% | \$ 1,677.86 | \$ - |
| 612 | 1612 | Pinus nigra | Austrian Pine | Poor | 34 | Private | A | 20% | 4.9 | \$ 562.50 | 63% | \$ 344.25 | \$ - |
| 613 | 1611 | Pinus nigra | Austrian Pine | Fair | 42 | Private | A | 60% | 6.0 | \$ 562.50 | 63% | \$ 1,275.75 | \$ - |
| 614 | 1610 | Pinus nigra | Austrian Pine | Good | 30 | Private | A | 100% | 4.3 | \$ 562.50 | 63% | \$ 1,518.75 | \$ - |
| 615 | 1609 | Pinus nigra | Austrian Pine | Fair | 24 | Private | A | 60% | 3.4 | \$ 562.50 | 63% | \$ 729.00 | \$ - |
| 616 | 1608 | Pinus nigra | Austrian Pine | Fair | 35 | Private | A | 60% | 5.0 | \$ 562.50 | 63% | \$ 1,063.13 | \$ - |
| 617 | 1607 | Picea glauca | White Spruce | Good | 35 | Private | A | 100% | 5.0 | \$ 562.50 | 72% | \$ 2,025.00 | \$ - |
| 618 | 1606 | Picea glauca | White Spruce | Good | 34 | Private | A | 100% | 4.9 | \$ 562.50 | 72% | \$ 1,967.14 | \$ - |
| 619 | 1605 | Pinus nigra | Austrian Pine | Good | 32 | Private | A | 100% | 4.6 | \$ 562.50 | 63% | \$ 1,620.00 | \$ - |
| 620 | 1604 | Pinus nigra | Austrian Pine | Good | 36 | Private | A | 100% | 5.1 | \$ 562.50 | 63% | \$ 1,822.50 | \$ - |
| 621 | 1603 | Picea glauca | White Spruce | Good | 47 | Private | A | 100% | 6.7 | \$ 562.50 | 72% | \$ 2,719.29 | \$ - |
| 622 | 1602 | Robinia pseudoacacia | Black Locust | Good | 60 | Private | A | 100% | 8.6 | \$ 600.00 | 56% | \$ 2,880.00 | \$ - |
| 623 | 1601 | Prunus serotina | Black Cherry | Good | 37 | PH5 | B | 100% | 5.3 | \$ 600.00 | 63% | \$ 1,998.00 | \$ 1,998.00 |
| 624 | 1600 | Robinia pseudoacacia | Black Locust | Good | 58 | PH5 | A | 100% | 8.3 | \$ 600.00 | 56% | \$ 2,784.00 | \$ - |
| 625 | 1599 | Sorbus sp. | Mountain Ash Species | Poor | 23 | PH5 | C | 20% | 3.3 | \$ 600.00 | 55% | \$ 216.86 | \$ 216.86 |
| 626 | 1598 | Prunus serotina | Black Cherry | Poor | 43 | PH5 | C | 20% | 6.1 | \$ 600.00 | 63% | \$ 464.40 | \$ 464.40 |
| 627 | 1597 | Tilia americana | Basswood | Good | 28 | PH5 | A | 100% | 4.0 | \$ 600.00 | 63% | \$ 1,512.00 | \$ - |
| 628 | 1596 | Picea pungens | Colorado Spruce | Good | 45 | PH5 | B | 100% | 6.4 | \$ 562.50 | 75% | \$ 2,712.05 | \$ 2,712.05 |
| 629 | 1595 | Picea pungens | Colorado Spruce | Good | 40 | PH5 | B | 100% | 5.7 | \$ 562.50 | 75% | \$ 2,410.71 | \$ 2,410.71 |
| 630 | 1594 | Juglans nigra | Black Walnut | Good | 61 | PH5 | B | 100% | 8.7 | \$ 600.00 | 67% | \$ 3,503.14 | \$ 3,503.14 |
| 631 | 1593 | Juglans nigra | Black Walnut | Good | 67 | PH5 | B | 100% | 9.6 | \$ 600.00 | 67% | \$ 3,847.71 | \$ 3,847.71 |
| 632 | - | Pinus resinosa | Red Pine | Good | 37 | Private | A | 100% | 5.3 | \$ 562.50 | 70% | \$ 2,081.25 | \$ - |
| 633 | 1592 | Pinus sylvestris | Scots Pine | Good | 43 | PH5 | B | 100% | 6.1 | \$ 562.50 | 53% | \$ 1,831.34 | \$ 1,831.34 |
| 634 | - | Pinus resinosa | Red Pine | Good | 45 | Private | A | 100% | 6.4 | \$ 562.50 | 70% | \$ 2,531.25 | \$ - |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

- * **Condition Rating (as a %):** Good = 100%, Fair = 60%, Poor = 20%
- ** **Quantity of Nursery Stock for Replacement:** Replacement trees are to be 70mm (7cm) cal. Quantity of Replacement Trees is calculated by DBH or Cumulative DBH / 7
- *** **Cost of Replacement Trees: Deciduous Trees** = \$240.00 (Cost of Tree, 70mm. Cal.) * 2.5 (Installation Cost, Materials, Warranty) = **\$600.00**
Coniferous Trees = \$225.00 (Cost of Tree, 175-200cm ht.) * 2.5 (Installation Cost, Materials, Warranty) = **\$562.50**
- **** **ISA Species Rating:** Determined by the ISA, Ontario Chapter
- ***** **Town of Aurora Tree Compensation Value:** Calculation as follows: Condition Rating % * Quantity of Nursery Stock for Replacement * Cost of Replacement Trees * ISA Species Rating
- Compensation Value for Grouped Trees (G):** Calculation as follows: (Median DBH of stems * Number of stems / 7) * Condition Rating % * Cost of Replacement Trees * ISA Species Rating

| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|------------------|------------------|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 635 | 1591 | Pinus sylvestris | Scots Pine | Good | 42 | PH5 | B | 100% | 6.0 | \$ 562.50 | 53% | \$ 1,788.75 | \$ 1,788.75 |
| 636 | - | Picea glauca | White Spruce | Good | 45 | Private | A | 100% | 6.4 | \$ 562.50 | 72% | \$ 2,603.57 | \$ - |
| 637 | 0522 | Crataegus sp. | Hawthorn Species | Fair | 36 | PH5 | B | 60% | 5.1 | \$ 600.00 | 48% | \$ 888.69 | \$ 888.69 |
| 638 | 1590 | Crataegus sp. | Hawthorn Species | Fair | 28 | PH5 | B | 60% | 4.0 | \$ 600.00 | 48% | \$ 691.20 | \$ 691.20 |
| 639 | - | Picea glauca | White Spruce | Good | 33 | Private | A | 100% | 4.7 | \$ 562.50 | 72% | \$ 1,909.29 | \$ - |
| 640 | 0521 | Crataegus sp. | Hawthorn Species | Fair | 52 | PH5 | B | 60% | 7.4 | \$ 600.00 | 48% | \$ 1,283.66 | \$ 1,283.66 |
| 641 | 1589 | Picea glauca | White Spruce | Good | 25 | PH5 | B | 100% | 3.6 | \$ 562.50 | 72% | \$ 1,446.43 | \$ 1,446.43 |
| 642 | 1588 | Crataegus sp. | Hawthorn Species | Good | 22 | PH5 | B | 100% | 3.1 | \$ 600.00 | 48% | \$ 905.14 | \$ 905.14 |
| 643 | 0520 | Picea glauca | White Spruce | Good | 33 | PH5 | B | 100% | 4.7 | \$ 562.50 | 72% | \$ 1,909.29 | \$ 1,909.29 |
| 644 | 0519 | Picea glauca | White Spruce | Good | 37 | PH5 | B | 100% | 5.3 | \$ 562.50 | 72% | \$ 2,140.71 | \$ 2,140.71 |
| 645 | 1587 | Picea glauca | White Spruce | Good | 35 | PH5 | B | 100% | 5.0 | \$ 562.50 | 72% | \$ 2,025.00 | \$ 2,025.00 |
| 646 | 1586 | Picea glauca | White Spruce | Good | 20 | PH5 | B | 100% | 2.9 | \$ 562.50 | 72% | \$ 1,157.14 | \$ 1,157.14 |
| 647 | 1585 | Tilia americana | Basswood | Poor | 111 | PH5 | B | 20% | 15.9 | \$ 600.00 | 63% | \$ 1,198.80 | \$ 1,198.80 |
| 648 | 1584 | Acer saccharinum | Silver Maple | Good | 87 | PH5 | B | 100% | 12.4 | \$ 600.00 | 60% | \$ 4,474.29 | \$ 4,474.29 |
| 649 | 1583 | Acer saccharinum | Silver Maple | Good | 70 | PH5 | B | 100% | 10.0 | \$ 600.00 | 60% | \$ 3,600.00 | \$ 3,600.00 |
| 650 | 1582 | Salix sp. | Willow Species | Good | 75 | PH5 | B | 100% | 10.7 | \$ 600.00 | 45% | \$ 2,892.86 | \$ 2,892.86 |
| 651 | 1581 | Salix sp. | Willow Species | Good | 65 | PH5 | B | 100% | 9.3 | \$ 600.00 | 45% | \$ 2,507.14 | \$ 2,507.14 |
| 652 | 1580 | Acer saccharinum | Silver Maple | Fair | 127 | PH5 | B | 60% | 18.1 | \$ 600.00 | 60% | \$ 3,918.86 | \$ 3,918.86 |
| 653 | 1579 | Malus sp. | Apple Species | Poor | 30 | PH5 | B | 20% | 4.3 | \$ 600.00 | 52% | \$ 267.43 | \$ 267.43 |
| 654 | 1578 | Pinus sylvestris | Scots Pine | Good | 25 | PH5 | B | 100% | 3.6 | \$ 562.50 | 53% | \$ 1,064.73 | \$ 1,064.73 |
| 655 | 1577 | Pinus sylvestris | Scots Pine | Good | 32 | PH5 | B | 100% | 4.6 | \$ 562.50 | 53% | \$ 1,362.86 | \$ 1,362.86 |
| 656 | 1576 | Pinus sylvestris | Scots Pine | Good | 36 | PH5 | B | 100% | 5.1 | \$ 562.50 | 53% | \$ 1,533.21 | \$ 1,533.21 |
| 657 | 1575 | Acer saccharum | Sugar Maple | Fair | 42 | PH5 | B | 60% | 6.0 | \$ 600.00 | 78% | \$ 1,684.80 | \$ 1,684.80 |
| 658 | 1574 | Malus sp. | Apple Species | Good | 28 | PH5 | B | 100% | 4.0 | \$ 600.00 | 52% | \$ 1,248.00 | \$ 1,248.00 |
| 659 | 1573 | Malus sp. | Apple Species | Fair | 50 | PH5 | B | 60% | 7.1 | \$ 600.00 | 52% | \$ 1,337.14 | \$ 1,337.14 |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

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| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|--------------------|---------------------|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 660 | 0501 | Pinus sylvestris | Scots Pine | Good | 24 | PH5 | B | 100% | 3.4 | \$ 562.50 | 53% | \$ 1,022.14 | \$ 1,022.14 |
| 661 | 1572 | Pinus sylvestris | Scots Pine | Good | 24 | PH5 | B | 100% | 3.4 | \$ 562.50 | 53% | \$ 1,022.14 | \$ 1,022.14 |
| 662 | 1571 | Pinus sylvestris | Scots Pine | Good | 28 | PH5 | B | 100% | 4.0 | \$ 562.50 | 53% | \$ 1,192.50 | \$ 1,192.50 |
| 663 | 1570 | Pinus sylvestris | Scots Pine | Good | 35 | PH5 | B | 100% | 5.0 | \$ 562.50 | 53% | \$ 1,490.63 | \$ 1,490.63 |
| 664 | 1569 | Pinus sylvestris | Scots Pine | Good | 35 | PH5 | B | 100% | 5.0 | \$ 562.50 | 53% | \$ 1,490.63 | \$ 1,490.63 |
| 665 | 1568 | Pinus sylvestris | Scots Pine | Good | 32 | PH5 | B | 100% | 4.6 | \$ 562.50 | 53% | \$ 1,362.86 | \$ 1,362.86 |
| 666 | 1567 | Pinus strobus | Eastern White Pine | Good | 48 | PH5 | B | 100% | 6.9 | \$ 562.50 | 75% | \$ 2,892.86 | \$ 2,892.86 |
| 667 | 1566 | Acer saccharinum | Silver Maple | Fair | 55 | Boundary | B | 60% | 7.9 | \$ 600.00 | 60% | \$ 1,697.14 | \$ 1,697.14 |
| 668 | 1565 | Ulmus americana | White Elm | Good | 45 | PH5 | B | 100% | 6.4 | \$ 600.00 | 58% | \$ 2,237.14 | \$ 2,237.14 |
| 669 | 1564 | Acer platanoides | Norway Maple | Fair | 20 | PH5 | B | 60% | 2.9 | \$ 600.00 | 68% | \$ 699.43 | \$ 699.43 |
| 670 | 1563 | Acer platanoides | Norway Maple | Good | 29 | PH5 | B | 100% | 4.1 | \$ 600.00 | 68% | \$ 1,690.29 | \$ 1,690.29 |
| 671 | 1562 | Malus sp. | Apple Species | Fair | 55 | PH5 | B | 60% | 7.9 | \$ 600.00 | 52% | \$ 1,470.86 | \$ 1,470.86 |
| 672 | 1561 | Acer saccharinum | Silver Maple | Fair | 33 | PH5 | B | 60% | 4.7 | \$ 600.00 | 60% | \$ 1,018.29 | \$ 1,018.29 |
| 673 | 1560 | Thuja occidentalis | Eastern White Cedar | Good | 67 | PH5 | B | 100% | 9.6 | \$ 562.50 | 70% | \$ 3,768.75 | \$ 3,768.75 |
| 674 | 0485 | Thuja occidentalis | Eastern White Cedar | Good | 92 | PH5 | A | 100% | 13.1 | \$ 562.50 | 70% | \$ 5,175.00 | \$ - |
| 675 | 1559 | Thuja occidentalis | Eastern White Cedar | Good | 23 | PH5 | A | 100% | 3.3 | \$ 562.50 | 70% | \$ 1,293.75 | \$ - |
| 676 | 1558 | Tilia americana | Basswood | Fair | 67 | Boundary | A | 60% | 9.6 | \$ 600.00 | 63% | \$ 2,170.80 | \$ - |
| 677 | 0483 | Tilia americana | Basswood | Fair | 46 | Boundary | A | 60% | 6.6 | \$ 600.00 | 63% | \$ 1,490.40 | \$ - |
| 678 | - | Juglans nigra | Black Walnut | Good | 53 | Boundary | A | 100% | 7.6 | \$ 600.00 | 67% | \$ 3,043.71 | \$ - |
| 679 | - | Pinus sylvestris | Scots Pine | Fair | 56 | Boundary | A | 60% | 8.0 | \$ 562.50 | 53% | \$ 1,431.00 | \$ - |
| 680 | 1557 | Picea glauca | White Spruce | Good | 22 | PH5 | B | 100% | 3.1 | \$ 562.50 | 72% | \$ 1,272.86 | \$ 1,272.86 |
| 681 | 1556 | Pinus nigra | Austrian Pine | Good | 50 | PH5 | B | 100% | 7.1 | \$ 562.50 | 63% | \$ 2,531.25 | \$ 2,531.25 |
| 682 | 1555 | Tilia americana | Basswood | Good | 66 | PH5 | B | 100% | 9.4 | \$ 600.00 | 63% | \$ 3,564.00 | \$ 3,564.00 |
| 683 | 1554 | Tilia americana | Basswood | Good | 60 | PH5 | B | 100% | 8.6 | \$ 600.00 | 63% | \$ 3,240.00 | \$ 3,240.00 |
| 684 | 1553 | Acer saccharinum | Silver Maple | Good | 70 | PH5 | B | 100% | 10.0 | \$ 600.00 | 60% | \$ 3,600.00 | \$ 3,600.00 |

SCHOLLEN & Company Inc.

Tree Valuation Matrix

Highland Gate Community - Phase 5

Drawing Reference: Tree Inventory Plan (TI-5 - TI-6), Tree Preservation Plan (TP-5 - TP-6)

PROJECT NO. 2021012

COLOUR LEGEND

- Tree designated to be retained.
- Tree designated to be removed.

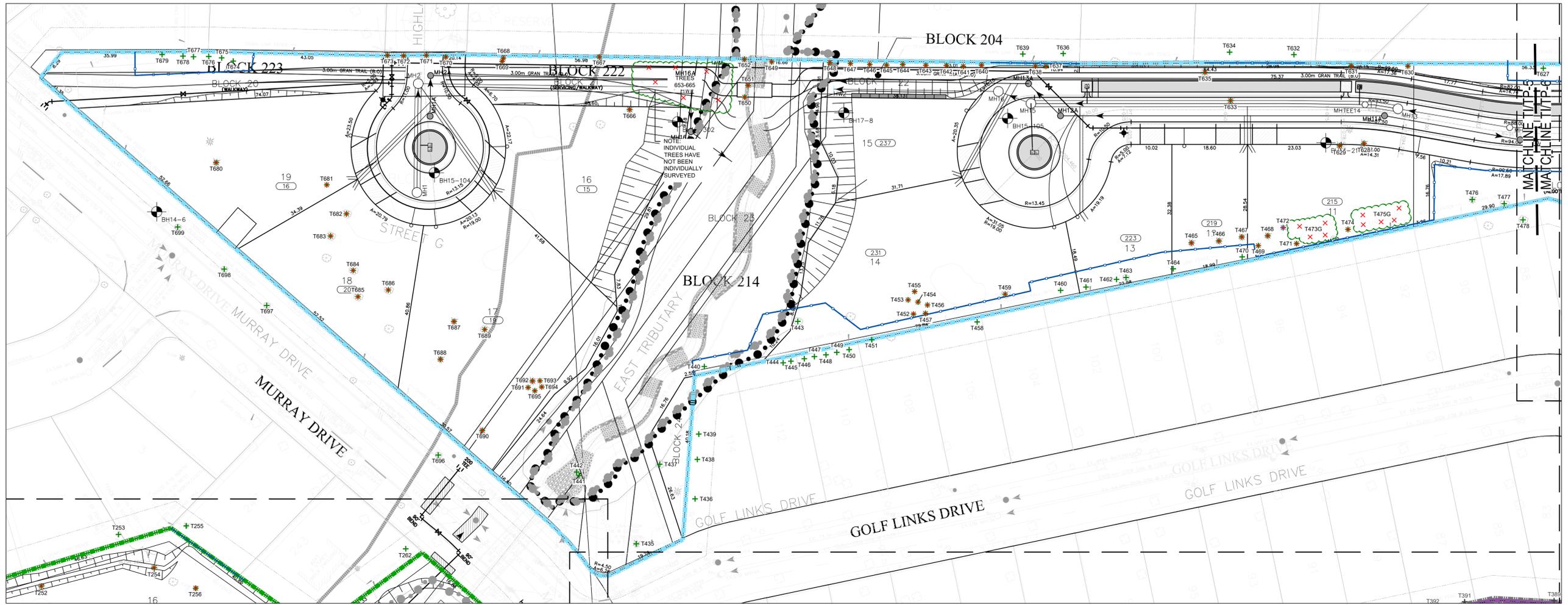
APPRAISAL TECHNIQUE: Aggregate Inch Replacement Method (as described in the Town of Aurora Tree Removal/Pruning & Compensation Policy, Section 7.1, Trees Located in Landscape Settings)

LEGEND

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| Tree No. | Tag No. | Species | | Conition Rating | DBH / Cumulative DBH | Ownership Categories | Recommendations (See Appendix A) | Condition Rating (as a %) * | Quantity of Nursery Stock for Replacement ** | Cost of Replacement Trees *** | ISA Species Rating **** | Town of Aurora Tree Compensation Value ***** | Value of Trees Designated for Removal |
|----------|---------|--------------------|---------------------|-----------------|----------------------|----------------------|----------------------------------|-----------------------------|--|-------------------------------|-------------------------|--|---------------------------------------|
| | | Botanical Name | Common Name | | | | | | | | | | |
| 685 | 1552 | Acer platanoides | Norway Maple | Fair | 52 | PH5 | B | 60% | 7.4 | \$ 600.00 | 68% | \$ 1,818.51 | \$ 1,818.51 |
| 686 | 1551 | Tilia americana | Basswood | Good | 49 | PH5 | B | 100% | 7.0 | \$ 600.00 | 63% | \$ 2,646.00 | \$ 2,646.00 |
| 687 | 1550 | Pinus nigra | Austrian Pine | Good | 50 | PH5 | B | 100% | 7.1 | \$ 562.50 | 63% | \$ 2,531.25 | \$ 2,531.25 |
| 688 | 1549 | Pinus sylvestris | Scots Pine | Good | 48 | PH5 | B | 100% | 6.9 | \$ 562.50 | 53% | \$ 2,044.29 | \$ 2,044.29 |
| 689 | 0474 | Acer platanoides | Norway Maple | Fair | 41 | PH5 | B | 60% | 5.9 | \$ 600.00 | 68% | \$ 1,433.83 | \$ 1,433.83 |
| 690 | 1548 | Pinus sylvestris | Scots Pine | Good | 52 | PH5 | B | 100% | 7.4 | \$ 562.50 | 53% | \$ 2,214.64 | \$ 2,214.64 |
| 691 | 0467 | Pinus sylvestris | Scots Pine | Fair | 29 | PH5 | B | 60% | 4.1 | \$ 562.50 | 53% | \$ 741.05 | \$ 741.05 |
| 692 | 0469 | Thuja occidentalis | Eastern White Cedar | Good | 31 | PH5 | B | 100% | 4.4 | \$ 562.50 | 70% | \$ 1,743.75 | \$ 1,743.75 |
| 693 | 0468 | Thuja occidentalis | Eastern White Cedar | Good | 40 | PH5 | B | 100% | 5.7 | \$ 562.50 | 70% | \$ 2,250.00 | \$ 2,250.00 |
| 694 | 0470 | Thuja occidentalis | Eastern White Cedar | Good | 39 | PH5 | B | 100% | 5.6 | \$ 562.50 | 70% | \$ 2,193.75 | \$ 2,193.75 |
| 695 | 1547 | Thuja occidentalis | Eastern White Cedar | Good | 21 | PH5 | B | 100% | 3.0 | \$ 562.50 | 70% | \$ 1,181.25 | \$ 1,181.25 |
| 696 | 1546 | Acer platanoides | Norway Maple | Good | 26 | Town | A | 100% | 3.7 | \$ 600.00 | 68% | \$ 1,515.43 | \$ - |
| 697 | 1545 | Acer platanoides | Norway Maple | Good | 28 | Town | A | 100% | 4.0 | \$ 600.00 | 68% | \$ 1,632.00 | \$ - |
| 698 | 1544 | Acer platanoides | Norway Maple | Good | 28 | Town | A | 100% | 4.0 | \$ 600.00 | 68% | \$ 1,632.00 | \$ - |
| 699 | 1543 | Acer platanoides | Norway Maple | Good | 32 | Town | A | 100% | 4.6 | \$ 600.00 | 68% | \$ 1,865.14 | \$ - |

| | |
|---|----------------------|
| TOTAL VALUE OF ASSESSED TREES | \$ 562,592.18 |
| TOTAL VALUE OF ASSESSED TREES DESIGNATED FOR REMOVAL | \$ 212,123.72 |
| TOTAL VALUE OF ASSESSED TREES DESIGNATED FOR RETENTION | \$ 350,468.45 |



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| No. | Revision | Date | By |
|-----|-----------------------------------|---------------|-----|
| 0 | Issued for Review | 2021/06/17 | RMS |
| 1 | Issued for with Arbonis Report | 2021/11/20/22 | RMS |
| 2 | Issued for with Arbonis Report R1 | 2021/11/21/10 | RMS |

LEGEND

- ▬▬▬▬▬▬ PHASE 4 BOUNDARY
- ▬▬▬▬▬▬ PHASE 5 BOUNDARY
- ▬▬▬▬▬▬ PHASE 6 BOUNDARY
- T# TREE INVENTORY NUMBER
- + EXISTING TREE
- EXISTING TREE GROUP / WOODLOT
- ✗ TREE TO BE REMOVED DUE TO CONFLICTS WITH PROPOSED DEVELOPMENT AND GRADING
- ✗ TREE TO BE REMOVED DUE TO HEALTH & CONDITION OF SPECIES
- REGIONAL FLOODLINE
- ▬▬▬▬▬▬ PROPOSED TREE PROTECTION FENCE - INSTALL PER DETAIL TP-2 (TYPE 1)

AURORA
Works in Good Company

- Protection Fencing for all vegetation designated to preserved shall be installed by the owner's forces and approved by the Town of Aurora prior to commencement of any demolition, grading or construction activities on the lands. Protection fence shall be erected outside the drip line of trees. Groups of trees and vegetation to be protected shall be done in a like manner with protective fencing around the entire group(s). All protection measures shall be monitored by the owner's arborist / landscape architect for the duration of the construction period.
- Areas within the protective fencing shall remain undisturbed and shall not be used for the storage of building materials or equipment. No rigging cables shall be wrapped around or installed in trees. Surplus soil, equipment, debris or materials shall not be placed over root systems of the trees within the protective fencing area. No contaminants shall be dumped or flushed where feeder roots of trees exist.
- Limbs or portions of trees removed to accommodate construction work shall be cleanly cut utilizing the collar cut method, in accordance with sound arboricultural techniques by a certified licensed arborist.
- If grades around trees to be protected are likely to change, the owner's forces shall be required to take any precautions such as dry walling and root feeding or any other method recommended by the arborist / landscape architect and approved by the Town of Aurora.
- Root systems of protected trees that are exposed or damaged by construction work shall be trimmed neatly. The area shall be back-filled with an appropriate material or the roots shall be sprayed with an approved antidesiccant to prevent drying. Where necessary, the trees will be given an overall pruning to restore the balance between roots and top-growth or to restore the appearance of the tree, as directed by the arborist.
- Preserved trees and/or remaining trees that become exposed through tree removals shall be inspected by the project arborist after tree removal has been completed and trees identified as being in poor health, having poor or unstable structure, or are considered hazardous, shall be removed. The arborist shall monitor said trees throughout construction and for a period of two (2) years thereafter and take the necessary precautions to address tree conditions in a timely manner or as directed by the Town of Aurora.
- Trees designated to be preserved and that have become damaged or die throughout the construction period, or for a period of two (2) years thereafter, shall be replaced in one of the following ways: i) Trees shall be replaced one-for-one with trees of similar species and equal diameter at breast height (DBH) or, ii) Trees shall be replaced with several trees of similar species providing an accumulative DBH equal to the total DBH of trees lost or, iii) Trees shall be replaced monetarily by a certified arborist according to the Aggregate In-Kind Replacement Method as per the Town's Tree Removal, Pruning and Compensation Policy and Replacement planting shall be of an equivalent value. Method and location of replacement planting shall be to the approval of the Director of Parks and Recreation Services.
- Any trees designated for removal shall have the stumps completely excavated and removed from the site.

TREE PRESERVATION NOTES DRAWING NO: **TP-1** MAY 2016

AURORA
Works in Good Company

TREE PROTECTION FENCING DRAWING NO: **TP-2** MAY 2016

APPENDIX D

Drawing Prepared By:
SCHOLLEN & Company Inc.
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

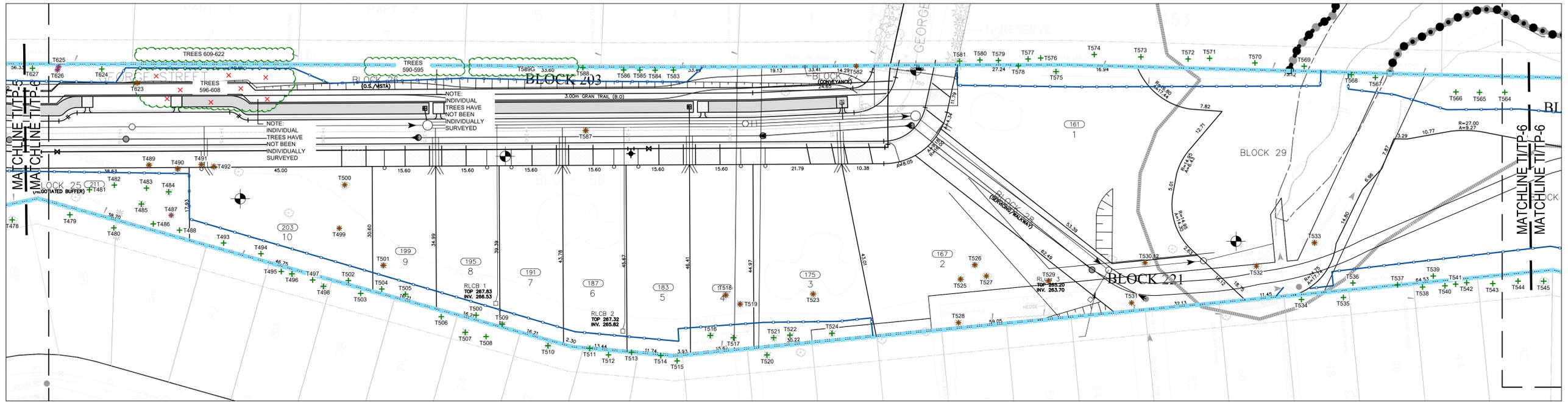
Client:
HIGHLAND GATE DEVELOPMENTS INC.

Project Name:
HIGHLAND GATE COMMUNITY
 AURORA, ON

Drawing Title:
TREE PRESERVATION PLAN - PHASE 5

| | | |
|-----------------|-----------------------|-------------|
| Scale: 1:500 | Project No.: 2021012 | TP-5 |
| Drawn: JD | Checked: RMS | |
| Date: FEB. 2021 | Plot Date: 10/12/2021 | |

S:\Projects\Highland Gate Aurora 14079\CAD Drawings\Working Drawings\Tree Assessment 2021\2021012-T1.Dwg



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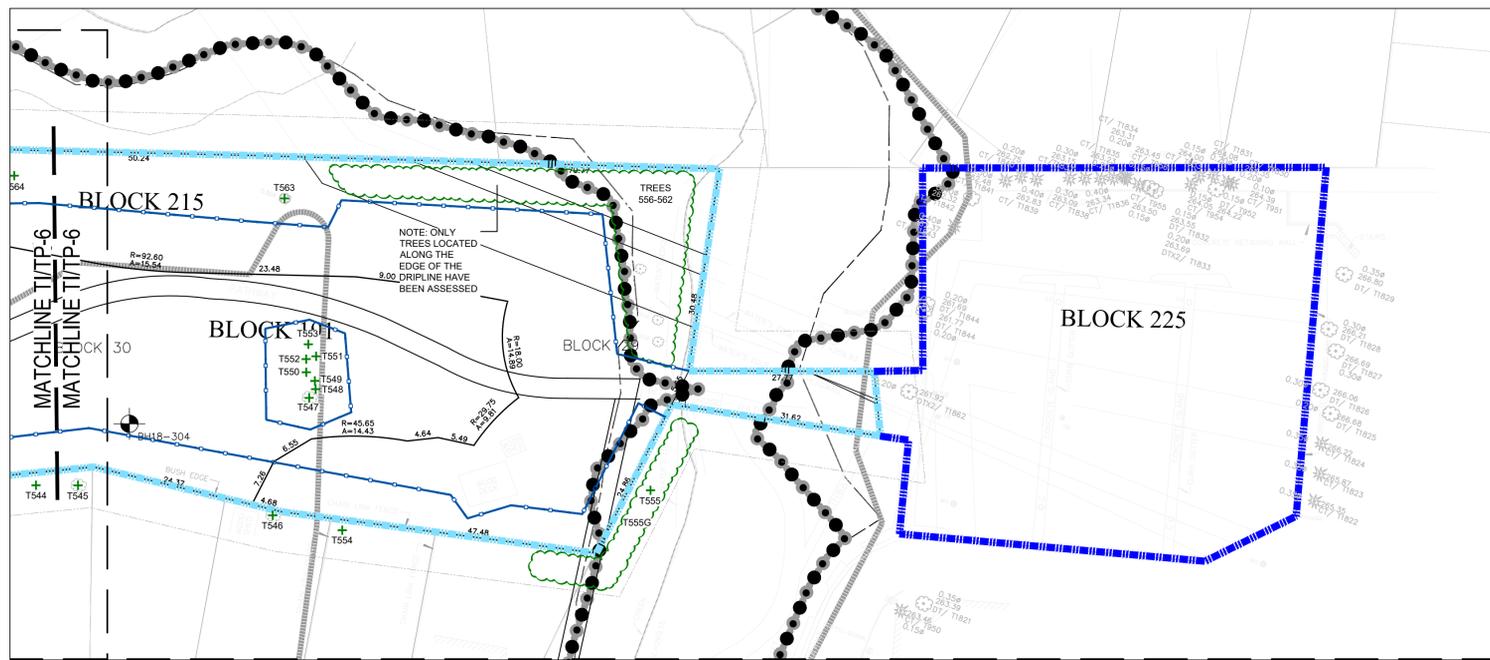
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| No. | Revision | Date | By |
|-----|-----------------------------------|------------|-----|
| 0 | Issued for Review | 2021/06/17 | RMS |
| 1 | Issued for with Arbores Report | 2021/12/02 | RMS |
| 2 | Issued for with Arbores Report R1 | 2021/12/10 | RMS |

LEGEND

- PHASE 4 BOUNDARY
- PHASE 5 BOUNDARY
- PHASE 6 BOUNDARY
- T# TREE INVENTORY NUMBER
- EXISTING TREE
- EXISTING TREE GROUP / WOODLOT
- TREE TO BE REMOVED DUE TO CONFLICTS WITH PROPOSED DEVELOPMENT AND GRADING
- TREE TO BE REMOVED DUE TO HEALTH & CONDITION OF SPECIES
- REGIONAL FLOODLINE
- PROPOSED TREE PROTECTION FENCE - INSTALL PER DETAIL TP-2 (TYPE 1)



AURORA
Share in Good Company

1. Protection Fencing for all vegetation designated to be preserved shall be installed by the owner's forces and approved by the Town of Aurora prior to commencement of any demolition, grading or construction activities on the lands. Protection fence shall be erected outside the drip line of trees. Groups of trees and vegetation to be protected shall be done in a like manner with protective fencing around the entire group(s). All protection measures shall be monitored by the owner's arborist / landscape architect for the duration of the construction period.

2. Areas within the protective fencing shall remain undisturbed and shall not be used for the storage of building materials or equipment. No rigging cables shall be wrapped around or installed in trees. Surplus soil, equipment, debris or materials shall not be placed over root systems of the trees within the protective fencing area. No contaminants shall be dumped or flushed where leader roots of trees exist.

3. Limbs or portions of trees removed to accommodate construction work shall be clearly cut utilizing the collar cut method, in accordance with sound arboricultural techniques by a certified licensed arborist.

4. If grades around trees to be protected are likely to change, the owner's forces shall be required to take any precautions such as dry welling and root feeding or any other method recommended by the arborist / landscape architect and approved by the Town of Aurora.

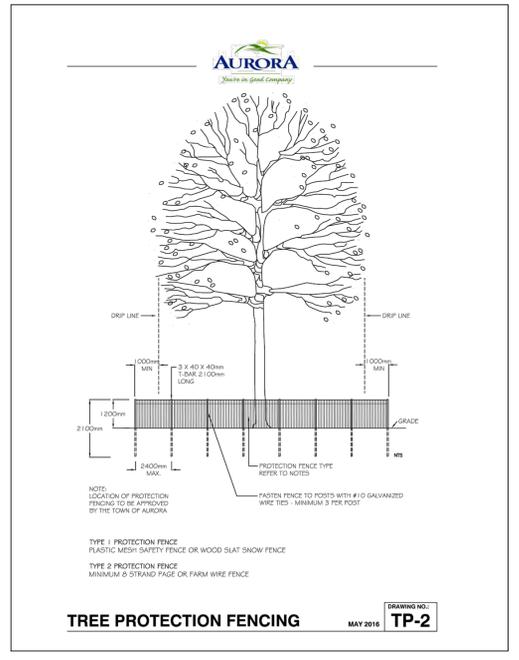
5. Root systems of protected trees that are exposed or damaged by construction work shall be trimmed neatly. The area shall be back-filled with an appropriate material or the roots shall be sprayed with an approved antidesiccant to prevent drying. Where necessary, the trees will be given an overall pruning to restore the balance between roots and top-growth or to restore the appearance of the trees, as directed by the arborist.

6. Preserved trees and/or remaining trees that become exposed through tree removal shall be inspected by the project arborist after tree removal has been completed and trees identified as being in poor health, having poor or unstable structure, or are considered hazardous, shall be removed. The arborist shall monitor said trees throughout construction and for a period of two (2) years thereafter and take the necessary precautions to address tree conditions in a timely manner or as directed by the Town of Aurora.

7. Trees designated to be preserved and that have become damaged or die throughout the construction period, or for a period of two (2) years thereafter, shall be replaced in one of the following ways: i) Trees shall be replaced one-for-one with trees of similar species and equal diameter at breast height (DBH) or, ii) Trees shall be replaced with several trees of similar species providing an accumulative DBH equal to the total DBH of trees lost or, iii) Trees shall be evaluated monetarily by a certified arborist according to the Aggregate In-Place Replacement Method as per the Town's Tree Removal, Pruning and Compensation Policy and Replacement planting shall be of an equivalent value. Method and location of replacement planting shall be to the approval of the Director of Parks and Recreation Services.

8. Any trees designated for removal shall have the stumps completely excavated and removed from the site.

TREE PRESERVATION NOTES MAY 2016 **TP-1**



APPENDIX D

ASSOCIATION OF LANDSCAPE ARCHITECTS
 ONTARIO

MEMBER

Drawing Prepared By:
SCHOLLEN & Company Inc.
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

Client:
HIGHLAND GATE DEVELOPMENTS INC.

Project Name:
HIGHLAND GATE COMMUNITY
 AURORA, ON

Drawing Title:
TREE PRESERVATION PLAN - PHASE 5

| | | |
|--------------------|--------------------------|--------------|
| Scale: 1:500 | Project No.: 2021012 | Drawing No.: |
| Drawn: JD | Checked: RMS | TP-6 |
| Date: FEB. 2021 | Plot Date: 10/12/2021 | |

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P219- Tree 435



P220- Tree 436



P221- Trees 437-439



P222- Tree 440



P223- Trees 441-442



P224- Tree 443



P225- Trees 444-445



P226- Trees 446-450



P227- Tree 451



P228- Trees 452-457

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P229- Tree 458



P230- Tree 459



P231- Trees 460-461



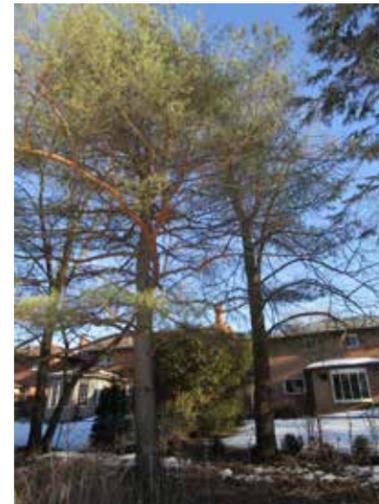
P232- Trees 462-463



P233- Tree 464



P234- Trees 465-467



P235- Trees 468-469



P236- Tree 470



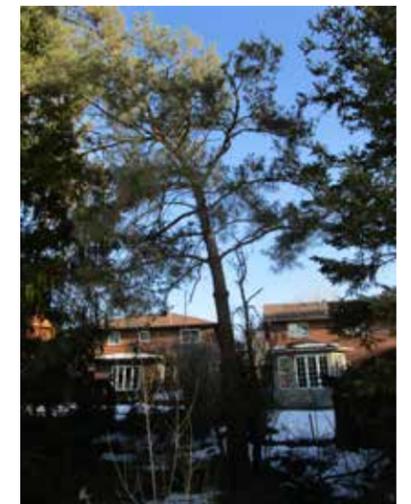
P237- Tree 471



P238- Tree 472



P239- Tree 473G (grouping)



P240- Tree 474

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P241- Tree 475G (grouping)



P242- Trees 476-478



P243- Tree 479



P244- Tree 480



P245- Trees 481-482



P246- Trees 483-488



P247- Trees 489-492



P248- Trees 493-494



P249- Trees 495-498



P250- Trees 499-500



P251- Tree 501



P252- Trees 502-504

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P253- Tree 505



P254- Trees 506-507



P255- Trees 508-509



P256- Trees 510-511



P257- Trees 512-514



P258- Tree 515



P259- Trees 516-517



P260- Trees 518-519



P261- Tree 520



P262- Trees 521-522



P263- Tree 523



P264- Tree 524

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P265- Trees 525-526



P266- Tree 527



P267- Tree 528



P268- Tree 530



P269- Tree 531



P270- Tree 532



P271- Tree 533



P272- Tree 534



P273- Trees 535-536



P274- Tree 537



P275- Trees 538-542



P276- Trees 543-545

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P277- Trees 547-553



P278- Tree 554



P279- Tree 555



P280- Tree 556G (grouping)



P281- Trees 557-558



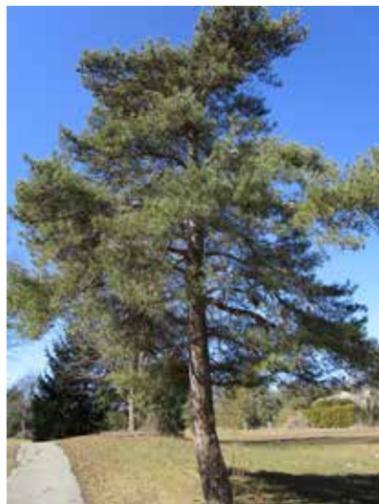
P282- Trees 559-560



P283- Trees 561-563



P284- Trees 564-566



P285- Tree 529



P286- Trees 567-568



P287- Trees 569-570



P288- Trees 571-572

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P289- Trees 273-575



P290- Trees 273-575



P291- Trees 576-578



P292- Trees 579-581



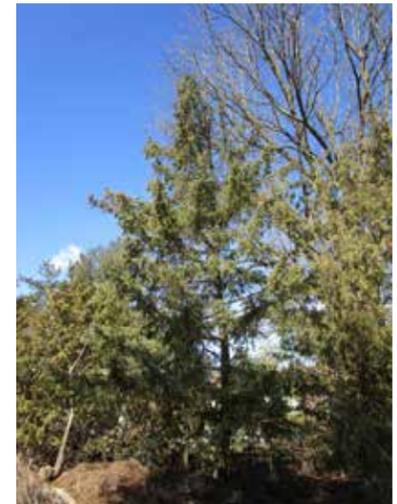
P293- Tree 582



P294- Trees 583-586



P295- Tree 587



P296- Tree 588



P297- Tree 589G (grouping)



P298- Trees 590-595



P299- Trees 596-597



P300- Tree 598

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P301- Trees 599-603



P302- Trees 604-608



P303- Trees 609-616



P304- Trees 617-621



P305- Tree 622



P306- Tree 623



P307- Tree 624



P308- Trees 625-626



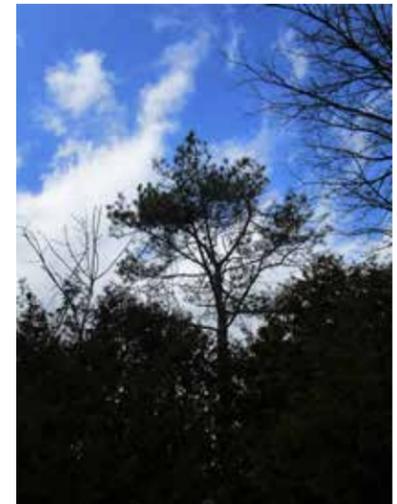
P309- Tree 627



P310- Trees 628-629



P311- Trees 630-631



P312- Tree 632

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P313- Trees 633-635



P314- Tree 636



P315- Trees 637-639



P316- Tree 640



P317- Trees 641-642



P318- Trees 643-645



P319- Trees 646-647



P320- Tree 647



P321- Tree 648



P322- Trees 649-652



P323- Trees 653-665



P324- Tree 666

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P325- Tree 667



P326- Trees 668-669



P327- Trees 670-671



P328- Trees 672-673



P329- Trees 674-675



P330- Trees 676-679



P331- Tree 680



P332- Trees 681-683



P333- Trees 684-686



P334- Trees 687-688



P335- Tree 689



P336- Tree 690

Appendix E: Highland Gate Community - Phase 5 - Tree Inventory Photo Sheet



P337- Trees 691-695



P338- Tree 696



P339- Trees 697-698



P340- Tree 699