Rogers Communication Tower, Pickering, Ontario, Arborist Report

November 21, 2023

Prepared for:

Rogers Communication Canada Inc.
8200 Dixie Road,
Brampton, ON L6T 0C1

Prepared by:

Stantec Consulting Ltd.
300 Hagey Boulevard
Waterloo, ON N2L 0A4
Tel.: (519) 579-4410
Fax: (519) 579-6733

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This document entitled Rogers Communication Tower, Pickering, Ontario, Arborist Report was prepared by Stantec Consulting Ltd. (“Stantec”) for the account of Rogers Communication Canada Inc. (the “Client”) to support the Site Plan Review application for the construction of a high communication tower (the “Project”). In connection thereto, this document may be reviewed and used by the provincial and municipal government agencies participating in the permitting process in the normal course of their duties. Except as set forth in the previous sentence, any reliance on this document by any third party for any other purpose is strictly prohibited. The material in it reflects Stantec’s professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

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(signature)

Kimberley Carroll, MLA
ISA Certified Arborist #ON-2956A
Phone: (519) 575-4119
Kimberley.Carroll@stantec.com

Reviewed by Black, Landon Digitally signed by Black, Landon Date: 2023.11.22 15:48:09 -05'00'

(signature)

Landon Black, OALA, CSLA
ISA Certified Arborist #ON-1876A
Phone: (519) 585-7263
landon.black@stantec.com

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1.0 INTRODUCTION

Stantec Consulting Ltd. has been retained by Rogers Communication Canada Inc (Rogers) to complete an Arborist Report as part of the Site Plan Review for the construction of a 15.2m High Communication Tower, located in Pickering, Ontario. This report has been prepared to identify the existing site conditions and to provide recommendations for vegetation management required. The report includes a tree inventory and a tree preservation plan.

This report was prepared in compliance with *The Corporation of the City of Pickering By-law 6108/03*.

1.1 SITE LOCATION

The Site is located northwest of the intersection of Altona Rd. and Sheppard Ave. adjacent to the CP railway tracks, in the City of Pickering. A portion of the Site is an existing residential lot private driveway. Rogers has surveyed easements to conduct work on this private property. The tower will be located just north of the CP Right of Way and south of the residential property. The sections of the of the private property with easements will be used for access and hydro or fibre connection.

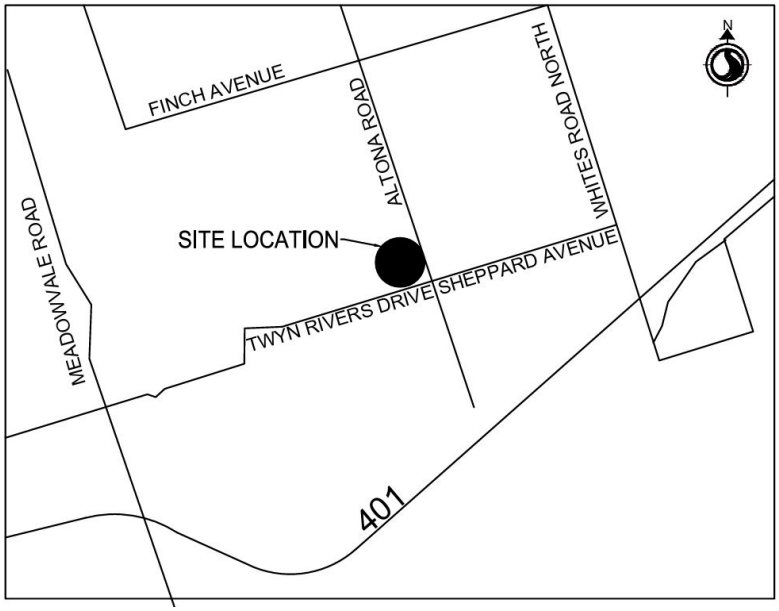


Figure 1: Site Location

2.0 METHODOLOGY

Gary Grewal, ISA Certified Arborist completed a tree inventory and assessment of trees at the Site on October 31, 2023. All trees of permit size (>2.5cm DBH) which could be potentially impacted by the proposed work area were inventoried and assessed.

Trees located within the Site were tagged with a numbered metal tree tag. The data collected for each tree includes tree genus, specific epithet (where possible to accurately determine), trunk integrity, crown structure, crown vigour, general health condition, DBH, and dripline radius. The tree locations were recorded with a Trimble Catalyst GNSS unit relaying to an Apple iPhone 8 operating ESRI Collector. These locations were adjusted to match the total station survey provided by Alex Martin Limited. Where trees were growing in homogenous groups of size, species, and probable level of construction impacts, a general inventory was conducted which summarized the observed DBH range and overall condition.

A Tree Preservation Plan, located in Appendix B, was prepared to identify the approximate existing tree locations, tree tag identification numbers, the adjusted dripline radius as well as the recommended action for each inventoried tree. The tree inventory data was compiled, and is available along with the recommended action, further justifications, and recommendations in Appendix A.

2.1 TREE CONDITION RATING

The condition of inventoried trees was assessed using the following three categories:

Trunk Integrity (TI) - Assessment of the trunk for any defects;

Canopy Structure (CS) - Assessment of the scaffold branches and canopy of the tree;

Canopy Vigour (CV) - Assessment of the amount of deadwood versus live growth in the tree crown, also considers size, color and amount of foliage.

Outlined below are the detailed guidelines utilized for the condition classification:

Good: Defects if present are minor (e.g. twig dieback, small wounds), defective tree part is small (e.g. 5-8 cm diameter limb) providing little if any risk.

Fair: Defects are numerous or significant (e.g. dead scaffold limbs), defective parts are moderate in size (e.g. limb greater than 5-8 cm in diameter).

Poor: Defects are severe (trunk cavity in excess of 50%), defective parts are large (e.g. majority of crown).

Dead: Tree exhibits no signs of life.

3.0 OBSERVATION AND ANALYSIS

3.1 SITE OBSERVATIONS

There were 56 trees and 5 vegetation units observed within the Site that could potentially be impacted by the proposed work. Species observed included a mixture of native and non-native species. The plant material on Site ranged from immature to mature.

Table 1: Observed Species

Family	***Genus species* (common name)**
Betulaceae (birch family)	*Ostrya virginiana* (ironwood)
Cupressaceae (cypress family)	*Thuja occidentalis* (eastern white cedar)
Moraceae (Mulberry family)	*Morus alba* (white mulberry)
Oleaceae (olive family)	*Syringa vulgaris* (common lilac)
Rhamnaceae (buckthorn family)	*Rhamnus cathartica* (European buckthorn)
Salicaceae (willow family)	*Populus alba* (white poplar) *Populus tremuloides* (trembling aspen)
Sapindaceae (soapberry family)	*Acer platanoides* (Norway maple) *Acer negundo* (Manitoba maple) *Acer saccharinum* (silver maple)
Ulmaceae (elm family)	*Ulmus pumila* (Siberian elm) *Ulmus sp.* (elm sp.)

3.1.1 Endangered & Rare Species

There were no rare or endangered tree species observed within or adjacent to the Site.

3.2 ANALYSIS

3.2.1 Trees Recommended for Preservation and Protection

All trees beyond the construction limits as delimited on Drawing L-900 are to be preserved and protected with tree protection fencing per details on Drawing L-900. The trees recommended for preservation have been identified in Table A under ‘Action’ for each tree.

- ***Protect - Hoarding:*** Trees are recommended to be preserved, and hoarding will be installed at the limits of construction or the TPZ, whichever is a greater distance from the tree trunk. Eleven (11) trees have been included within this category because construction is proposed adjacent to these trees.

- ***Protect – No Hoarding:*** Trees are recommended to be preserved with hoarding being deemed unnecessary due to the distance from the zone of potential impacts. A total of 28 trees are recommended for inclusion within this category because the assessed construction impacts and staging areas are assumed to be confined to the driveway surface with no activity permitted outside the easement areas.
- ***Protect - Reduced TPZ:*** Trees are recommended to be preserved but protection hoarding will be installed on one side that is reduced from the City minimum standard. Five (5) trees have been recommended for inclusion within this category.

3.2.2 Trees to be Removed

All trees growing within construction disturbance limits as delimited on Drawing L-900 are to be removed. These are noted on Drawing L-900 as Parts 1-5. This includes 12 observed trees, which are located within the proposed tower compound or within the access route. Parts of two vegetation units totaling an estimated 80 stems of European buckthorn are also recommended for removal.

4.0 CONSTRUCTION IMPACT MITIGATION AND MANAGEMENT

4.1 POTENTIAL CONSTRUCTION IMPACTS TO TREES

Trees are living organisms that react to changes in their environment. Trees can be damaged during construction without showing signs of damage until some years later. Most of the impacts relate to the removal of roots that results in the slow death of the tree as a result of its inability to absorb sufficient water and nutrients. Contained within this section are descriptions of the potential impacts this project may have on the trees, and impact mitigation methods that are intended to aid in the mitigation of impact during construction.

4.1.1 Soil Compaction and Root Damage

The leading cause of construction damage to trees is compaction of the soil around the roots or within the Tree Protection Zone (TPZ). The TPZ is the area around the tree or group of trees in which no grading or construction activity may occur. Equipment entering into a TPZ compresses the air pockets around the roots inhibiting the tree from absorbing nutrients and water. This damage ultimately degrades the health of the tree. Accordingly, during the removal stage, equipment use within the preservation zones should be restricted to ensure that the tree's roots are not disturbed, thereby assisting in maintaining their continued health. The TPZ is protected and delineated by the Tree Preservation Fencing.

4.1.2 Mechanical Damage

Equipment can physically damage the trees through striking the trunk, limbs and/or roots. Felled trees can also cause damage during the tree removal stage of construction. Some damage is unavoidable due to close proximity of adjacent trees; however, through the use of proper equipment and best management practices the damage can be minimized. The Contractor should be held responsible for all avoidable damage to the trees during all stages of development. Note, trees shall always be felled away from adjacent trees to be retained.

4.1.3 Root Damage

The success of tree preservation is dependent not only on protecting the root zone from compaction and damage; it is also contingent upon the ability to ensure that the structural roots within the root plate are not disturbed. Impacts to this area may result in the structural failure of these trees. Excavating soil 1 m outside a tree's dripline, or within a dripline can damage roots by tearing and splitting back to the stem. This damage can later lead to rot that can kill the tree. All work within the dripline of an existing tree shall be approved by an Arborist. When excavating the top 30-60 cm of soil adjacent to trees, care must be taken. Excavation should cleanly sever the roots prior to stripping and removal of soil. Exposed roots with a diameter greater than 2.5 cm (1 inch) shall be pruned back to the soil face to prevent damage to the tree.

4.2 PROTECTING AND MANAGING TREES DURING CONSTRUCTION

The following recommendations are presented to provide appropriate tree protection and management during the construction of this project.

1. Tree Preservation Hoarding shall be installed to protect trees identified for preservation. Tree Preservation Hoarding must be installed as per the detail identified on Figure 2. Upon installation of the Tree Preservation Hoarding, the Contractor shall contact the Environmental Inspector to review and approve the fencing and its location prior to commencement of any site work. This shall be coordinated with City staff for final approval (as required). The protection fencing shall remain intact throughout the entire project. The fencing will be inspected weekly, and if required, repaired. The fencing shall be removed at the completion of all site works.

2. Upon receiving the necessary project approvals and prior to the commencement of tree removals, all trees designated for preservation must be flagged in the field. All designated preservation areas must be left standing and undamaged during site works. Removals are to be completed outside of migratory bird nesting season from April 1 to August 31. If removals occur within the restricted activity period, due diligence measures, including pre-clearing nest sweeps will be employed in order to reduce risk to nesting birds protected under the Migratory Birds Convention Act, 1994 and Migratory Birds Regulations. These surveys will be completed by a qualified biologist.

3. The TPZ is the area around a retained tree that is to be protected by Tree Preservation Hoarding. The TPZ is not to be used for any type of storage (e.g. storage of debris, construction material, surplus soils, and construction equipment). No trenching or tunneling for underground services shall be located within the TPZ. Construction equipment shall not be allowed to idle or exhaust within the TPZ.

4. Trees shall not have any rigging cables or hardware of any sort attached or wrapped around them, nor shall any contaminants be dumped within the protective areas. Further, no contaminants shall be dumped or flushed where they may come into contact with the feeder roots of the trees. In the event that roots from retained trees are exposed, or if it is necessary to remove limbs or portions of trees after construction has commenced, the Project Arborist shall be informed and the proper actions conforming to Town Policies and By-laws shall be carried out.

5. Upon completion of the tree removals, all felled trees are to be removed from the site. No lumber or brush from the clearing is to be stored onsite. Any chipping, cutting or brush clean-up is to be completed outside the bird nesting season. If these activities are to occur within the restricted activity period, due diligence measures, including pre-clearing nest sweeps will be employed in order to reduce risk to nesting birds protected under the Migratory Birds Convention Act, 1994 and Migratory Birds Regulations. These surveys will be completed by a qualified biologist.

6. The following is the process that shall be carried out if tree removals are requested during the restricted time indicated in the Migratory Birds Convention Act:

    a) Contact a qualified individual (i.e. Wildlife Biologist), to determine if nesting birds are within the tree removal disturbance area. Stantec has a qualified bird specialist on staff that can be contacted.

    b) If the bird specialist has determined that there are nesting birds on site, there will be no tree removals/chipping conducted within the boundary set out by the specialist. Tree removals can resume within this area at the end of the nesting season, August 31, or if the migratory bird specialist has determined that the nest is complete.

    c) If the bird specialist determines there are no migratory birds nesting within the disturbance area, the contractor has 3 days to conduct removals. At the end of 3 days if removals and chipping is not complete, the bird specialist will return to the site and proceed with another assessment. If there are still no birds work can resume for another 3 days. This process will continue until all removals and chipping is complete.

5.0 SUMMARY

A total of 12 trees and parts of two vegetation units are recommended for removal to facilitate the proposed construction within Parts 1-5. All trees beyond the limits of the temporary workspace limits will be preserved and protected in accordance with the Tree Protection Plan appended to this report.

APPENDIX A:
Tree Inventory Data

TABLE A. Detailed Tree Inventory, 1718 Altona Road
Pickering, Ontario
Data collected: October 31st, 2023

Tree ID	Botanical Name	Common Name	DBH (cm)				Total DBH	Dripline Radius (m)	Tree Protection Zone	Condition				Comments	Action	Removal/Injury Justification	Permit Type	Compensation (# of Trees)
			Stem 1	Stem 2	Stem 3	Stem 4				Trunk Integrity	Crown Structure	Crown Vigour	Overall Condition					
0	*Acer platanoides*	Norway Maple	27				0	4	3.6	Good	Good	Good	Good	Co-dominant	Protect - No Hoarding		N/A	-
1	*Acer platanoides*	Norway Maple	37	38			0	5	4.8	Fair	Good	Good	Good	Co-dominant	Protect - No Hoarding		N/A	-
2	*Ulmus pumila*	Siberian Elm	8				0	2	1.2	Good	Good	Good	Good		Protect - No Hoarding		N/A	-
3	*Ulmus pumila*	Siberian Elm	18				0	2	3.6	Good	Good	Good	Good		Protect - No Hoarding		N/A	-
4	*Ulmus pumila*	Siberian Elm	18				0	2	3.6	Good	Good	Good	Good	Union above grade	Protect - No Hoarding		N/A	-
5	*Ulmus pumila*	Siberian Elm	14				0	2	3.6	Good	Good	Good	Good		Protect - No Hoarding		N/A	-
5a	*Ostrya virgininia*	Ironwood	25				0	3	3.6	Fair	Fair	Good	Fair	Union at grade, dieback	Protect - No Hoarding		N/A	-
6	*Ulmus pumila*	Siberian Elm	14				0	2	3.6	Good	Good	Good	Good		Protect - No Hoarding		N/A	-
7	*Ulmus pumila*	Siberian Elm	32				0	4	4.8	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
8	*Ulmus pumila*	Siberian Elm	7				0	1	1.2	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
9	*Ulmus pumila*	Siberian Elm	7				0	1	1.2	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
10	*Ulmus pumila*	Siberian Elm	7				0	1	1.2	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
11	*Ulmus pumila*	Siberian Elm	17				0	2	3.6	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
12	*Ulmus pumila*	Siberian Elm	9				0	2	1.2	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
13	*Ulmus pumila*	Siberian Elm	5				0	2	1.2	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
14	*Ulmus pumila*	Siberian Elm	10				0	3	1.2	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
15	*Ulmus pumila*	Siberian Elm	19				0	3	3.6	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
16	*Ulmus pumila*	Siberian Elm	7				0	1	1.2	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
17	*Ulmus pumila*	Siberian Elm	11				0	1	3.6	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
18	*Ulmus pumila*	Siberian Elm	11				0	1	3.6	Fair	Good	Good	Good	Trunk wounds	Protect - No Hoarding		N/A	-
19	*Populus alba*	White Poplar	90				0	7	10.8	Good	Good	Good	Good		Remove	Within Part 5 - Compound	Removal	0
20*	*Acer negundo*	Manitoba Maple	15	18	8		0	2	3.6	Fair	Good	Good	Good	Union at grade	Protect - Reduced TPZ		Injury	-
20a	*Populus tremuloides*	Trembling Aspen	34				0	3	4.8	Good	Good	Good	Good		Protect - Hoarding		N/A	-
21	*Populus tremuloides*	Trembling Aspen	10				0	1	1.2	Good	Good	Good	Good		Remove	Within Part 5 - Compound	Removal	0
22	*Populus tremuloides*	Trembling Aspen	10				0	1	1.2	Good	Good	Good	Good		Remove	Within Part 5 - Compound	Removal	0
23	*Populus tremuloides*	Trembling Aspen	10				0	1	1.2	Good	Good	Good	Good		Protect - No Hoarding		N/A	-
24	*Populus tremuloides*	Trembling Aspen	10				0	1	1.2	Good	Good	Good	Good		Protect - No Hoarding		N/A	-
25	*Populus tremuloides*	Trembling Aspen	10				0	1	1.2	Good	Good	Good	Good		Remove	Within Part 5 - Compound	Removal	0
26	*Acer negundo*	Manitoba Maple	5				0	1	1.2	Fair	Good	Good	Good	Union at grade	Remove	Within Part 4 - Access/Fibre	Removal	0
27	*Acer negundo*	Manitoba Maple	5				0	1	1.2	Fair	Good	Good	Good	Union at grade	Remove	Within Part 4 - Access/Fibre	Removal	0
28	*Acer negundo*	Manitoba Maple	25				0	2	3.6	Good	Good	Good	Good	Union at grade	Remove	Within Part 4 - Access/Fibre	Removal	0
29	*Acer negundo*	Manitoba Maple	19				0	2	3.6	Good	Good	Good	Good	Union at grade	Protect - Hoarding		N/A	-
30	*Acer negundo*	Manitoba Maple	19	21	18	16	0	5	3.6	Fair	Good	Good	Good	Union below grade	Protect - Hoarding		N/A	-
31	*Acer negundo*	Manitoba Maple	10				0	5	1.2	Fair	Good	Good	Good		Remove	Within Part 4 - Access/Fibre	Removal	0
32*	*Acer negundo*	Manitoba Maple	60				0	5	7.2	Fair	Good	Good	Good		Protect - Reduced TPZ		Injury	-
33	*Thuja occidentalis*	Eastern White Cedar	8	7			0	1	1.2	Fair	Good	Good	Good	Union below grade	Protect - No Hoarding		N/A	-
34	*Thuja occidentalis*	Eastern White Cedar	8	7			0	1	1.2	Fair	Good	Good	Good	Union below grade	Protect - No Hoarding		N/A	-
35	*Acer negundo*	Manitoba Maple	8	7			0	1	1.2	Fair	Good	Good	Good	Union below grade	Remove	Within Part 4 - Access/Fibre	Removal	0
36	*Populus alba*	White Poplar	34				0	4	4.8	Good	Good	Good	Good	Union below grade	Remove	Within Part 4 - Access/Fibre	Removal	0
37	*Rhamnus cathartica*	European Buckthorn	2				0	1	1.2	Good	Good	Good	Good		Remove	Within Part 4 - Access/Fibre	Removal	0
38	*Acer negundo*	Manitoba Maple	9				0	1	1.2	Good	Good	Good	Good		Protect - Hoarding		N/A	-
39	*Acer negundo*	Manitoba Maple	9				0	1	1.2	Good	Good	Good	Good		Protect - Hoarding		N/A	-
40	*Acer negundo*	Manitoba Maple	33				0	2	4.8	Good	Good	Good	Good		Remove	Within Part 4 - Access/Fibre	Removal	0
41*	*Ulmus sp.*	Elm sp.	42	40	41		0	5	6.0	Fair	Good	Good	Good	Union at grade	Protect - Reduced TPZ		Injury	-
42	*Acer negundo*	Manitoba Maple	21				0	3	3.6	Good	Good	Good	Good	Union at grade	Protect - No Hoarding		N/A	-
43	*Acer negundo*	Manitoba Maple	26				0	3	3.6	Good	Good	Good	Good	Union at grade	Protect - No Hoarding		N/A	-
44	*Populus tremuloides*	Trembling Aspen	8				0	1	1.2	Fair	Good	Good	Good	Union below grade	Protect - No Hoarding		N/A	-
50	*Acer saccharinum*	Silver Maple	12				0	2	3.6	Good	Good	Good	Good		Protect - No Hoarding		N/A	-
51	*Syringa vulgaris*	Common Lilac	8	10	10		0	1	1.2	Fair	Good	Good	Good	Union below grade	Protect - Hoarding		N/A	-
52	*Syringa vulgaris*	Common Lilac	8	10	10		0	1	1.2	Fair	Good	Good	Good	Union below grade	Protect - Hoarding		N/A	-
53	*Ulmus pumila*	Siberian Elm	31				0	3	4.8	Good	Good	Good	Good	Union below grade	Protect - Hoarding		N/A	-
54	*Acer platanoides*	Norway Maple	24				0	3	3.6	Good	Good	Good	Good		Protect - Hoarding		N/A	-
55*	*Morus alba*	White Mulberry	10				0	3	1.2	Good	Good	Good	Good		Protect - Reduced TPZ		Injury	-
56	*Ostrya virgininia*	Ironwood	25	20			0	4	3.6	Fair	Good	Good	Fair	Union at grade	Protect - Reduced TPZ		Injury	-
57	*Rhamnus cathartica*	European Buckthorn	5	5			0	2	1.2	Good	Good	Good	Good		Protect - Hoarding		N/A	-
58	*Acer negundo*	Manitoba Maple	5				0	2	1.2	Good	Good	Good	Good		Protect - Hoarding		N/A	-

1. 'Total 'Action' Trees

Protect - Hoarding:	11
Protect - No Hoarding	28
Protect- Reduced TPZ:	5
Remove - Dead:	0
Remove - Construction:	12
Total:	**56**

TABLE B. **Detailed Tree Inventory, 1718 Altona Road**
Pickering, Ontario
Data collected: October 31st, 2023

Vegetation Unit 1

Quantity	Botanical Name	Common Name	DBH Range (cm)	Condition				Additional Tag # (By Others)	Comments	Action	Removal/Injury Justification	Permit Type	Compensation (# of Trees)
				Trunk Integrity	Crown Structure	Crown Vigour	Overall Condition						
67	*Rhamnus cathartica*	European Buckthorn	1-5cm							Remove - Construction	Removal for Part 5 Compound		
133	*Rhamnus cathartica*	European Buckthorn	1-5cm							Protect - Hoarding			

Vegetation Unit 2

Quantity	Botanical Name	Common Name	DBH Range (cm)	Condition				Additional Tag # (By Others)	Comments	Action	Removal/Injury Justification	Permit Type	Compensation (# of Trees)
				Trunk Integrity	Crown Structure	Crown Vigour	Overall Condition						
13	*Rhamnus cathartica*	European Buckthorn	1-5cm							Remove - Construction	Removal for Part 4 Access and Fibre		
37	*Rhamnus cathartica*	European Buckthorn	1-5cm							Protect - Hoarding			

Vegetation Unit 3

Quantity	Botanical Name	Common Name	DBH Range (cm)	Condition				Additional Tag # (By Others)	Comments	Action	Removal/Injury Justification	Permit Type	Compensation (# of Trees)
				Trunk Integrity	Crown Structure	Crown Vigour	Overall Condition						
10	*Ulmus pumila*	Siberian Elm	16-20cm							Protect - Hoarding			

Vegetation Unit 4

Quantity	Botanical Name	Common Name	DBH Range (cm)	Condition				Additional Tag # (By Others)	Comments	Action	Removal/Injury Justification	Permit Type	Compensation (# of Trees)
				Trunk Integrity	Crown Structure	Crown Vigour	Overall Condition						
6	*Ulmus pumila*	Siberian Elm	21-30cm							Protect - Hoarding			
10	*Rhamnus cathartica*	European Buckthorn	1-5cm							Protect - Hoarding			

Vegetation Unit 5

Quantity	Botanical Name	Common Name	DBH Range (cm)	Condition				Additional Tag # (By Others)	Comments	Action	Removal/Injury Justification	Permit Type	Compensation (# of Trees)
				Trunk Integrity	Crown Structure	Crown Vigour	Overall Condition						
5	*Ulmus pumila*	Siberian Elm	6-10cm							Protect - No Hoarding			

1. 'Total 'Action' Trees

Protect - Hoarding:	196
Protect - No Hoarding	5
Remove - Dead:	0
Remove - Construction:	80
Total:	**281**

2. Total Trees of Significant, Pruning, Hazard

Pruning Required:	0
# of hazard trees Removed, No Permit:	**0**

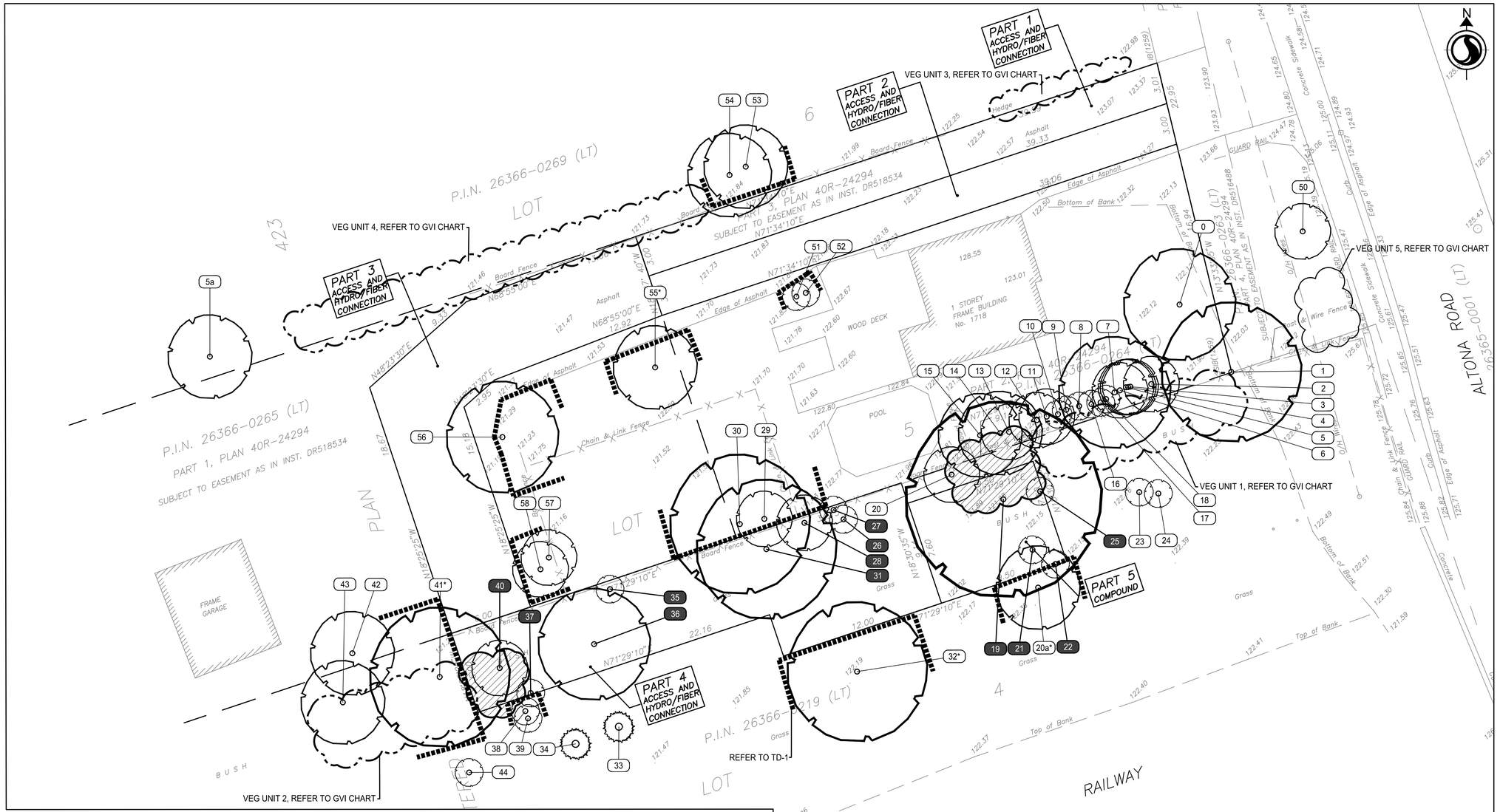
3. Total Permits Required

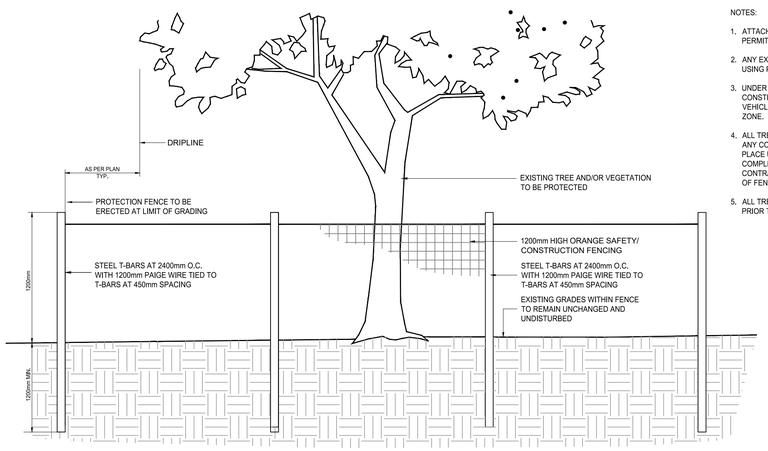
Tree Removal Permits:	0
Total Permits Required:	**0**

4. Total Compensation Required

Compensation Required for Trees Removed:	0
Total Compensation Required (Qty. of Trees):	**0**

APPENDIX B:
Tree Preservation Plan, Drawing L-900





NOTES:

1. ATTACHMENT OF FENCE TO TREES WILL NOT BE PERMITTED.
2. ANY EXPOSED ROOTS ARE TO BE HAND PRUNED USING PROPER ARBORICULTURAL PRACTICES.
3. UNDER NO CIRCUMSTANCES SHALL ANY CONSTRUCTION MATERIALS, EQUIPMENT OR VEHICLES BE PLACED WITHIN THE TREE PROTECTION ZONE.
4. ALL TREE PROTECTION TO BE ERECTED PRIOR TO ANY CONSTRUCTION ACTIVITY AND IS TO REMAIN IN PLACE UNTIL ALL CONSTRUCTION HAS BEEN COMPLETED. OBTAIN WRITTEN APPROVAL FROM CONTRACT ADMINISTRATOR PRIOR TO REMOVAL OF FENCING.
5. ALL TREE PROTECTION FENCING SHALL BE REMOVED PRIOR TO PROJECT FINAL ACCEPTANCE.

TD 1

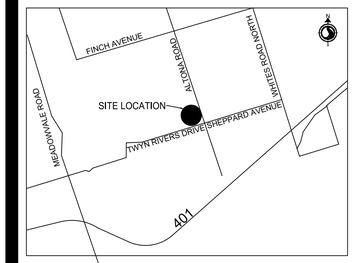
PROPOSED TREE PROTECTION FENCING
N.T.S.

L SHEET - ARCH D

Stantec

Stantec Consulting Ltd.
100-300 Hagey Boulevard
Waterloo ON N2L 0A4
Tel: (519) 579-4410
www.stantec.com

Key Map NTS.



Legend

- Existing Deciduous Tree
- Existing Coniferous Tree
- (0000) Tree to be Retained and Protected Identification Tag
- 0000 Tree to be Removed Identification Tag
- Proposed Tree Protection Fencing
- Existing Vegetation Unit to be Retained and Protected
- Existing Vegetation Unit to be Removed
- 334.38 Existing Grade

ISSUED FOR MINOR AMENDMENT		KC	GG	2023.11.21
Revision/Issue		By	Appd	YYYY.MM.DD
File Name: 161414326_L-TM				2023.11.21
		Dwn.	Dsgn.	Chkd. YYYY.MM.DD

Permit-Seal

CERTIFIED ARBORIST ISA
GARY GREWAL
ON-2174A

Client/Project

Rogers Communications

Part of Lots 4 & 5
1718 Altona Road

City of Pickering, Ontario

Title

Tree Preservation Plan

Project No. 161414326

Scale 1:150 (0, 1.5, 4.5, 7.5m)

Revision 0

Sheet 1 of 1

Drawing No. L-900