TREE CONSERVATION REPORT

Queensway Carleton Hospital v2.0

PREPARED FOR:

Susan Sallaj Ginn, B.Sc. Geo Eng., PMP
Chief Planning Officer & Director
Planning, Facilities, Call Centre, Protection Services, Emergency Management & Parking

PREPARED BY:

Astrid Nielsen, RPF, ISA Certified Arborist®
Dendron Forestry Services
101- 45 Spencer Ave, K1Y 2P5

November 20, 2025

Dendron Forestry Services

Dendron Forestry Services
www.dendronforestry.ca
613.805.WOOD (9663)
info@dendronforestry.ca

This Report must be read in its entirety, including the Assumptions and Limiting Conditions.

Contents

Introduction

This Tree Conservation Report (TCR) has been prepared for the Queensway Carleton Hospital in anticipation of site and facility upgrades taking place in phases over the coming years. The objectives of this Report are:

- To describe all trees with diameters over 10cm in areas across the campus that will be affected by construction, recording their species, size, and current health condition.
- To evaluate the impact to the trees by the proposed construction and assess whether they will be retained or require removal. This will be re-evaluated at a closer scale for each phase; however, this report does provide a high-level assessment based on engineering plans provided.

This TCR includes does **not** include *Map#2: Proposed Development and Conserved Vegetation* as this is provided as part of the Landscape Planning package prepared by CSW. Dendron is working with CSW to ensure coordination between reports, please refer to their *Planting Plans* as these include the existing trees, whether they will be removed or retained, and details on the location of the protective fencing. This report does include the inventory list of the trees and identifies whether they are proposed for retention or removal.

Methodology

The following materials were reviewed as part of this report:

- Grading plans prepared by Novatech Engineers, Planners & Landscape Architects dated July 2025
- Survey by Stantec, dated November 5, 2024
- GeoOttawa tree inventory layer and aerial photography
- Planting Plans North and South prepared by CSW dated Oct 22, 2025

Site visits were conducted on November 11 and 29, 2024, and Sept 24, October 9 and November 19, 2025, to collect the following information from each tree on the property 10 cm in diameter or greater:

- Diameter at breast height (1.3 m from grade)
- Species
- Tree health.

Tree Health was classified using the following parameters:

- Good (G) - tree shows excellent form and vigor. One minor issue may be present.
- Fair (F) - tree shows either minor issues in both form and vigor, or a major issue in one.
- Poor (P) - tree shows major issues in both form and vigor.

Current Vegetation

As of November 19, 369 trees were inventoried across the campus as well as 4 areas of tree groupings.

A total of 105 butternuts were identified on the site that are within 50 m of the proposed area for construction. Dendron is working with Rose Fleguel, certified butternut assessor, who has completed an assessment of all these butternuts. At this time, only one butternut is in direct conflict with the project (Tree 234), and all necessary permits will be sought from the Ministry of Environment, Conservation and Parks.

Tree Inventory

Included in the Appendix to this report is an inventory table of trees on the site that are 10 cm or greater in diameter and Map#1 shows the location of these trees. The species and DBH of each tree was recorded, along with a generalized health rating (see the Methodology section above for descriptions of health ratings). The table also indicates whether the tree is likely to be removed as part of the project.

Those trees in the maps that have been highlighted in yellow were not included in the survey, and their locations have been estimated. For those that require more accurate locating, they will be recommended for surveying. This may include those that are north of the parking lot on the boundary with the Tubman Home property (trees 346 – 353). Aside from these along the northern property line, all trees are located on the QCH property.

Proposed development and Tree Protection

The tree inventory table in the Appendix has identified those trees proposed for removal by red highlighting. This list is coordinated with the CSW Planting Plans which also show the location of the proposed tree protection areas. As part of this list, there are also 4 tree groupings that were identified on Map#1 (A to D) and described in this table. These areas contain significant amounts of invasive species, particularly buckthorn and Manitoba maple. This project will provide an opportunity to enhance some of these areas by removing invasive species and planting trees and shrubs that are native to the area. Any trees in these areas will be clearly marked ahead of removal to ensure that only trees in poor health and/or high invasive tendencies are chosen.

There are two areas with small trees planted, and in these areas individual stems were not described. The first is among trees 287-311, the second is along a ridge behind trees 239-254. The level of impact to these areas is unclear, but it is possible many of the small trees will have to be removed. The team will be exploring opportunities to transplant some of the small trees to other locations on campus.

Tree Protection

Prior to any site works in each phase, protective fencing should be installed around the Tree Protection Area as indicated in the attached Tree Information Map and maintained until all construction on site has been completed as per the City of Ottawa Tree Protection Specifications (March 2021).

Within the fenced area, the following tree protection guidelines should be applied:

- Do not change the grade
- Do not store construction material
- Do not operate machinery
- Do not convert to hard surface or change the landscaping
- Do not excavate unless it is a method that has been pre-approved by the City
- Do not place signs, notices or posters to any tree
- Do not damage the root system, trunk, or branches of any tree
- Direct the exhaust away from the tree

The tree protection fencing must be 1.2 m in height and constructed of a rigid or framed material (e.g. modulus – steel, plywood hoarding, or snow fence on a 2"X4" wood frame) with posts 2.4 m apart such that the fence location cannot be altered. All supports must be placed outside of the CRZ and installation must minimize damage to existing roots.

If the fenced tree protection area must be reduced to facilitate construction, *one* of the following mitigation measures should be applied:

- Place a layer of 6-12 inches (15 to 30 cm) of woodchip mulch to the area
- Apply ¾ (2 cm) inch plywood, or road mats over a 4+ inch (10 cm) thick layer of the wood chip mulch
- Apply 4-6 inches (10 to 15 cm) of gravel over a taut, staked, geotextile fabric

.

Tree Planting Recommendations

The Queensway Carleton Hospital campus has been proactive with tree planting across the campus over the last decade, and there is potential to continue this initiative as there are still several open spaces that could be planted with trees. Research has shown views of trees and natural spaces are linked to better health outcomes for patients in hospitals. By strategically planting trees, QCH could engage staff, donors, community groups and patients, while providing opportunities for research and therapeutic nature experiences. It is recommended a tree planting and maintenance plan be created to provide long-term planning and focus for any planting efforts. Given the natural setting of the site, native species should be a priority for planting.

Wildlife Impact

The QCH campus, especially the green spaces along the east and west property lines, forms a portion of a green corridor towards the Ottawa river to the north; during a site visit earlier in the year, a coyote was seen on campus, and it is likely many animals travel through the campus. However, given that the majority of the facility upgrades will be contained within the already-developed section of the property, it is unlikely it will have significant impacts on wildlife.

Tree Clearing and Migratory Birds

Following the guidelines under the *Migratory Birds Convention Act*, 1994, removal of vegetation should be avoided during the nesting periods for migratory birds which extends from April 15 to as late as August 15th. If tree removal is required during this period, a nesting survey should be completed by a biologist within 5 days of tree removal to confirm that no nests are present.

The undersigned personally inspected the property and issues associated with this. On Behalf of Dendron Forestry Services,

Astrid Nielsen, MFC, RPF (Registered Professional Forester)
ISA Certified Arborist ®, ON-1976
ISA Tree Risk Assessment Qualified
Principal, Dendron Forestry Services
Astrid.nielsen@dendronforestry.ca

Dendron Forestry Services
www.dendronforestry.ca
613.805.WOOD (9663)
info@dendronforestry.ca

APPENDIX A - Inventory Table and Maps

Map#1: Current vegetation

Tree Inventory Table

Queensway Carleton Hospital Tree Inventory

*** Those trees highlighted in red are proposed for removal**

Tree Number	Species	Diameter	Health	Notes
1	White spruce (Picea glauca)	28	F	
2	White spruce (Picea glauca)	36	F	
3	White spruce (Picea glauca)	30	G	
4	White spruce (Picea glauca)	30	G	
5	Cherry (Prunus spp.)	14	P	Black Knot present
6	Cherry (Prunus spp.)	15	F	
7	Cherry (Prunus spp.)	16	F	
8	White spruce (Picea glauca)	37	F	
9	White spruce (Picea glauca)	38	F	
10	White spruce (Picea glauca)	35	F	
11	White spruce (Picea glauca)	33	G	
12	Cherry (Prunus spp.)	20	F	Black knot
13	Cherry (Prunus spp.)	17	F	
14	Cherry (Prunus spp.)	18	F	
15	Colorado spruce (Picea pungens)	28	G	
16	Colorado spruce (Picea pungens)	29	G	
17	Colorado spruce (Picea pungens)	23	F	
18	White spruce (Picea glauca)	18	G	
19	Colorado spruce (Picea pungens)	24	G	
20	Colorado spruce (Picea pungens)	20	G	
21	White spruce (Picea glauca)	17	P	
22	Cherry (Prunus spp.)	21	F	
23	White spruce (Picea glauca)	22	F	
24	Colorado spruce (Picea pungens)	22	F	
25	Colorado spruce (Picea pungens)	28	G	
26	White spruce (Picea glauca)	22	G	
27	White spruce (Picea glauca)	33	F	
28	Colorado spruce (Picea pungens)	25	G	Gopher activity

29	Colorado spruce (Picea pungens)	28	F	
30	Hackberry (Celtis occidentalis)	18	G	
31	Hackberry (Celtis occidentalis)	16	G	
32	Hackberry (Celtis occidentalis)	17	G	
33	Hackberry (Celtis occidentalis)	18	G	
34	Hackberry (Celtis occidentalis)	25	G	
35	Sugar maple (Acer saccharum)	29	F	
36	Sugar maple (Acer saccharum)	19	F	
37	Hackberry (Celtis occidentalis)	29	G	
38	Colorado spruce (Picea pungens)	16	F	
39	Colorado spruce (Picea pungens)	25	G	
40	Colorado spruce (Picea pungens)	25	G	
41	Colorado spruce (Picea pungens)	25	G	
42	White spruce (Picea glauca)	15	P	
43	Colorado spruce (Picea pungens)	23	F	
44	Colorado spruce (Picea pungens)	23	G	
45	White spruce (Picea glauca)	16	F	
46				Duplicate - delete
47	Colorado spruce (Picea pungens)	29	G	
48	Colorado spruce (Picea pungens)	29	G	
49	Colorado spruce (Picea pungens)	27	G	
50	Colorado spruce (Picea pungens)	27	G	
51	White spruce (Picea glauca)	19	G	
52	Colorado spruce (Picea pungens)	15	G	
53	Sugar maple (Acer saccharum)	16	P	
54	Sugar maple (Acer saccharum)	26	G	
55	Sugar maple (Acer saccharum)	18	P	
56	Basswood (Tilia americana)	21	G	
57	Basswood (Tilia americana)	20	G	
58	White spruce (Picea glauca)	15	G	
59	White spruce (Picea glauca)	28	F	Needle discoloration

60	White spruce (Picea glauca)	20	G	
61	Colorado spruce (Picea pungens)	22	F	
62	Colorado spruce (Picea pungens)	22	G	
63	Colorado spruce (Picea pungens)	26	G	
64	White spruce (Picea glauca)	16	F	
65	White spruce (Picea glauca)	24	G	
66	Colorado spruce (Picea pungens)	27	G	
67	Colorado spruce (Picea pungens)	27	F	
68	Basswood (Tilia americana)	20	F	
69	White spruce (Picea glauca)	14	P	gopher activity
70	Colorado spruce (Picea pungens)	26	F	gopher activity
71	Colorado spruce (Picea pungens)	18	P	gopher activity
72	Colorado spruce (Picea pungens)	20, 18	F	gopher activity
73	Colorado spruce (Picea pungens)	19	P	gopher activity
74	Colorado spruce (Picea pungens)	20	F	
75	Colorado spruce (Picea pungens)	21	F	
76	Colorado spruce (Picea pungens)	23	G	
77	Colorado spruce (Picea pungens)	23	G	
78	Elm (Ulmus spp.)	21	G	
79	Colorado spruce (Picea pungens)	22	G	
80	Colorado spruce (Picea pungens)	18	F	
81	Sugar maple (Acer saccharum)	17	P	
82	Pin oak (Quercus palustris)	12	G	
83	Colorado spruce (Picea pungens)	26	G	
84	Colorado spruce (Picea pungens)	15	G	
85	Colorado spruce (Picea pungens)	14	F	
86	Colorado spruce (Picea pungens)	18	F	
87	Colorado spruce (Picea pungens)	18	P	
88	Colorado spruce (Picea pungens)	24	G	
89	Colorado spruce (Picea pungens)	23	F	
90	White spruce (Picea glauca)	18	F	

91	Colorado spruce (Picea pungens)	19	F	
92	White spruce (Picea glauca)	18	P	
93	Red oak (Quercus rubra)	18	G	
94	Red oak (Quercus rubra)	17	G	
95	Colorado spruce (Picea pungens)	20	G	
96	Colorado spruce (Picea pungens)	17	G	
97	Colorado spruce (Picea pungens)	26	G	
98	Colorado spruce (Picea pungens)	22	G	
99	Colorado spruce (Picea pungens)	24	G	
100	Colorado spruce (Picea pungens)	25	G	
101	Colorado spruce (Picea pungens)	23	G	
102	Colorado spruce (Picea pungens)	18	F	
103	Colorado spruce (Picea pungens)	27	G	
104	Colorado spruce (Picea pungens)	23	G	
105	Colorado spruce (Picea pungens)	23	G	
106	Honey locust (Gleditsia triacanthos)	6	G	
107	Honey locust (Gleditsia triacanthos)	6	G	
108	Colorado spruce (Picea pungens)	27	G	
109	Colorado spruce (Picea pungens)	20	F	
110	Colorado spruce (Picea pungens)	23	F	
111	Colorado spruce (Picea pungens)	20	F	
112	Colorado spruce (Picea pungens)	19	P	
113	Elm (Ulmus spp.)	18	F	
114	Elm (Ulmus spp.)	22	F	
115	Elm (Ulmus spp.)	25	G	
116	Amur maple (Acer ginnala)	stems approx	F	
117	Balsam fir (Abies balsamea)	14	P	
118	Apple (Malus spp.)	12	F	
119	Poplar (Populus spp.)	15	P	
120	Poplar (Populus spp.)	18	F	
121	Poplar (Populus spp.)	23	F	

122	Pin oak (Quercus palustris)	13	G	
123	Red maple (Acer rubrum)	16	F	
124	Red maple (Acer rubrum)	20	G	
125	Red maple (Acer rubrum)	23	G	
126	Red maple (Acer rubrum)	17	F	
127	Red oak (Quercus rubra)	63	G	
128	Red oak (Quercus rubra)	68	F	
129	Red oak (Quercus rubra)	47	G	
130	White spruce (Picea glauca)	31	F	
131	Red maple (Acer rubrum)	11	P	
132	Red maple (Acer rubrum)	10	P	
133	Red maple (Acer rubrum)	13	P	
134	Red maple (Acer rubrum)	11	P	
135	Austrian pine (Pinus nigra)	48	G	
136	Austrian pine (Pinus nigra)	47	F	
137	Austrian pine (Pinus nigra)	41	F	
138	Austrian pine (Pinus nigra)	46	F	
139	Austrian pine (Pinus nigra)	47	G	
140	Austrian pine (Pinus nigra)	42	F	
141	Austrian pine (Pinus nigra)	48	F	
142	Apple (Malus spp.)	21	F	
143	Sugar maple (Acer saccharum)	59	F	dying Central leader with decay
144	Colorado spruce (Picea pungens)	20	G	
145	Colorado spruce (Picea pungens)	21	F	
146	Colorado spruce (Picea pungens)	17	G	
147	Colorado spruce (Picea pungens)	29	G	
148	Silver maple (Acer saccharinum)	17	F	
149	Silver maple (Acer saccharinum)	14	G	
150	Silver maple (Acer saccharinum)	14	F	
151	White pine (Pinus strobus)	18	F	
152	White pine (Pinus strobus)	22	F	

153	White pine (Pinus strobus)	26	F	
154	White pine (Pinus strobus)	25	F	
155	White pine (Pinus strobus)	24	F	
156	Red oak (Quercus rubra)	23	G	
157	Pin oak (Quercus palustris)	14	G	
158	Red maple (Acer rubrum)	17	P	
159	Little leaf linden (Tilia cordata)	27	F	
160	Red oak (Quercus rubra)	22	F	
161	Red oak (Quercus rubra)	37	G	
162	Little leaf linden (Tilia cordata)	26	G	
163	Red oak (Quercus rubra)	38	G	
164	Little leaf linden (Tilia cordata)	27	F	
165	Red maple (Acer rubrum)	28	F	
166	Red maple (Acer rubrum)	22	P	
167	Red maple (Acer rubrum)	23	G	
168	Red maple (Acer rubrum)	25	G	
169	Sugar maple (Acer saccharum)	38	F	
170	Black walnut (Juglans nigra)	8	G	
171	Pin oak (Quercus palustris)	6	G	
172	Austrian pine (Pinus nigra)	60	G	
173	Austrian pine (Pinus nigra)	57	G	
174	Austrian pine (Pinus nigra)	38	P	
175	Red oak (Quercus rubra)	79	F	decay possible 1st union
176	Red oak (Quercus rubra)	74	G	
177	Red oak (Quercus rubra)	81	F	risk assessment tag 237 - monitor, mi
178	White spruce (Picea glauca)	26	P	
179	Sugar maple (Acer saccharum)	54	P	risk assessment tag fell off - should b
180	Sugar maple (Acer saccharum)	42	F	
181	Sugar maple (Acer saccharum)	51	P	risk assessment 221
182	Austrian pine (Pinus nigra)	37	F	
183	Austrian pine (Pinus nigra)	37	F	

184	Austrian pine (Pinus nigra)	46	F	
185	Austrian pine (Pinus nigra)	47	F	
186	Austrian pine (Pinus nigra)	33	F	
187	Austrian pine (Pinus nigra)	33	F	
188	Austrian pine (Pinus nigra)	41	G	
189	Austrian pine (Pinus nigra)	43	G	
190	Austrian pine (Pinus nigra)	49	G	
191	Austrian pine (Pinus nigra)	47	F	
192	Austrian pine (Pinus nigra)	43	F	
193	Austrian pine (Pinus nigra)	41	F	
194	Austrian pine (Pinus nigra)	44	F	
195	Little leaf linden (Tilia cordata)	63	F	
196	Little leaf linden (Tilia cordata)	57	F	wound at base with decay
197	Little leaf linden (Tilia cordata)	67	P	large crack/internal decay
198	Little leaf linden (Tilia cordata)	stems avg. 2	F	sprouts from old stump
199	Red oak (Quercus rubra)	55	F	
200	Austrian pine (Pinus nigra)	45	G	
201	Austrian pine (Pinus nigra)	49	G	
202	Austrian pine (Pinus nigra)	38	G	
203	Austrian pine (Pinus nigra)	42	G	
204	Austrian pine (Pinus nigra)	36	G	
205	Austrian pine (Pinus nigra)	41	G	
206	Austrian pine (Pinus nigra)	40	F	
207	Red oak (Quercus rubra)	8	G	memorial tree David Price
208	Colorado spruce (Picea pungens)	22	G	
209	Colorado spruce (Picea pungens)	29	G	
210	White spruce (Picea glauca)	25	G	
211	Austrian pine (Pinus nigra)	26	G	
212	Douglas fir (Pseudotsuga menziesii)	50	G	
213	Douglas fir (Pseudotsuga menziesii)	52	F	
214	Colorado spruce (Picea pungens)	27	F	gopher holes all over hill - around roo

215	Colorado spruce (Picea pungens)	27	G	
216	Little leaf linden (Tilia cordata)	(Ulmus spp.)s	F	Central leader dying
217	Colorado spruce (Picea pungens)	21	G	
218	Colorado spruce (Picea pungens)	26	F	
219	Colorado spruce (Picea pungens)	26	G	
220	Colorado spruce (Picea pungens)	27	G	
221	Colorado spruce (Picea pungens)	20	P	dying from top
222	Colorado spruce (Picea pungens)	25	G	
223	Austrian pine (Pinus nigra)	42	G	
224	Austrian pine (Pinus nigra)	50	G	
225	Austrian pine (Pinus nigra)	45	G	
226	Austrian pine (Pinus nigra)	35	P	
227	Austrian pine (Pinus nigra)	35, 37	F	
228	Austrian pine (Pinus nigra)	31	F	
229	Austrian pine (Pinus nigra)	40	F	
230	Austrian pine (Pinus nigra)	51	G	
231	Japanese tree lilac (Syringa reticulata)	10	F	
232	Horse chestnut (Aesculus hippocastanum)	20	F	
233	Japanese tree lilac (Syringa reticulata)	11	F	
234	Butternut (Juglans cinerea)	28	G	
235	Elm (Ulmus spp.)	7	G	
236	Black walnut (Juglans nigra)	7	G	
237	Austrian pine (Pinus nigra)	43	G	
238	Austrian pine (Pinus nigra)	40	G	
239	Austrian pine (Pinus nigra)	32, 40	F	
240	Austrian pine (Pinus nigra)	35	F	
241	Austrian pine (Pinus nigra)	42	G	
242	Austrian pine (Pinus nigra)	38	G	
243	Austrian pine (Pinus nigra)	43	G	
244	Sugar maple (Acer saccharum)	51	P	
245	Sugar maple (Acer saccharum)	36	F	

246	Sugar maple (Acer saccharum)	51	F	
247	Austrian pine (Pinus nigra)	39	F	
248	Austrian pine (Pinus nigra)	39	G	
249	Austrian pine (Pinus nigra)	45	G	
250	Austrian pine (Pinus nigra)	47	G	
251	Austrian pine (Pinus nigra)	38	G	
252	Austrian pine (Pinus nigra)	42	F	
253	Austrian pine (Pinus nigra)	43	G	
254	Austrian pine (Pinus nigra)	40	F	
255	Honey locust (Gleditsia triacanthos)	27	G	
256	Honey locust (Gleditsia triacanthos)	24,17,35	F	
257	Colorado spruce (Picea pungens)	16	P	
258	Little leaf linden (Tilia cordata)	14	G	
259	Little leaf linden (Tilia cordata)	13	F	
260	Crab apple (Malus spp.)	16	F	
261	Colorado spruce (Picea pungens)	30	G	
262	Colorado spruce (Picea pungens)	29	G	
263	Freeman maple (Acer freemanii)	10	G	
264	Red oak (Quercus rubra)	12	G	
265	White oak (Quercus alba)	22	F	
266	Red oak (Quercus rubra)	8	G	
267	Honey locust (Gleditsia triacanthos)	18	G	
268	Honey locust (Gleditsia triacanthos)	12	F	
269	Honey locust (Gleditsia triacanthos)	14	F	
270	Colorado spruce (Picea pungens)	35	F	
271	Crab apple (Malus spp.)	14	G	
272	Crab apple (Malus spp.)	14	G	
273	White ash (Fraxinus americana)	15x3	F	
274	Freeman maple (Acer freemanii)	20	G	
275	Freeman maple (Acer freemanii)	25	G	
276	Freeman maple (Acer freemanii)	22	G	

277	Crab apple (Malus spp.)	15	G	
278	Horse chestnut (Aesculus hippocastanum)	18	F	
279	Poplar (Populus spp.)	8,8,10,16	F	
280	Colorado spruce (Picea pungens)	27	P	
281	Colorado spruce (Picea pungens)	40	F	
282	Colorado spruce (Picea pungens)	24	F	
283	Colorado spruce (Picea pungens)	26	G	
284	Crab apple (Malus spp.)	34	F	
285	Crab apple (Malus spp.)	25	F	
286	Balsam fir (Abies balsamea)	12	F	
287	Freeman maple (Acer freemanii)	12,10,6,4	G	
288	Freeman maple (Acer freemanii)	9,13,5,13,10	G	
289	Silver maple (Acer saccharinum)	15,13,7	F	
290	Ginkgo (Ginkgo biloba)	17	G	
291	White birch (Betula papyrifera)	11,10,10,10	F	
292	White birch (Betula papyrifera)	15,10	F	
293	White birch (Betula papyrifera)	11,12,13	F	
294	White birch (Betula papyrifera)	11,8	P	
295	Colorado spruce (Picea pungens)	22	G	
296	Douglas fir (Pseudotsuga menziesii)	54	G	Douglas fir
297	Douglas fir (Pseudotsuga menziesii)	41	G	
298	Douglas fir (Pseudotsuga menziesii)	35	G	
299	Douglas fir (Pseudotsuga menziesii)	43	G	
300	Douglas fir (Pseudotsuga menziesii)	40	F	
301	Douglas fir (Pseudotsuga menziesii)	50	F	
302	Manitoba maple (Acer negundo)	24, 11	F	
303	Elm (Ulmus spp.)	13	G	
304	Freeman maple (Acer freemanii)	15	F	
305	Manitoba maple (Acer negundo)	17, 18	F	
306	Freeman maple (Acer freemanii)	13	F	
307	Freeman maple (Acer freemanii)	11	F	

308	Hawthorn (Crataegus spp.)	8	P	
309	Hawthorn (Crataegus spp.)	13	F	
310	Freeman maple (Acer freemanii)	6	G	
311	Freeman maple (Acer freemanii)	6	G	
312	Hawthorn (Crataegus spp.)	11	G	
313	Hawthorn (Crataegus spp.)	10	G	
314	Hawthorn (Crataegus spp.)	14	G	
315	Austrian pine (Pinus nigra)	52	G	
316	Austrian pine (Pinus nigra)	50	F	
317	Austrian pine (Pinus nigra)	37	G	
318	Austrian pine (Pinus nigra)	56	G	
319	Austrian pine (Pinus nigra)	44	G	
320	Austrian pine (Pinus nigra)	43	G	
321	Austrian pine (Pinus nigra)	53	F	
322	Crab apple (Malus spp.)x3	11	F	
323	Crab apple (Malus spp.)x4	11	F	
324	Crab apple (Malus spp.)x5	12	F	
325	White spruce (Picea glauca)	18	P	
326	Norway spruce (Picea abies)	28	G	
327	Amur maple (Acer ginnala)	11, 10, 10, 8, 8	P	
328	Norway spruce (Picea abies)	28	G	
329	Norway spruce (Picea abies)	20	F	
330	Norway spruce (Picea abies)	18	F	
331	Willow (Salix spp.)	26, 25	F	
332	White birch (Betula papyrifera)	15	F	
333	Crab apple (Malus spp.)	9	F	
334	Crab apple (Malus spp.)	11	F	
335	Crab apple (Malus spp.)	10	F	
336	Crab apple (Malus spp.)	10	F	
337	Little leaf linden (Tilia cordata)	10	P	

338	Colorado spruce (Picea pungens)	18	G	
339	Colorado spruce (Picea pungens)	23	G	
340	Honey locust (Gleditsia triacanthos)	17	G	
341	White spruce (Picea glauca)	27	F	
342	White spruce (Picea glauca)	24	G	
343	White spruce (Picea glauca)	25	P/F	Dead top, lean, vines, broken branch
344	White spruce (Picea glauca)	17	F/P	Vines
345	White spruce (Picea glauca)	19	F/G	
346	White pine (Pinus strobus)	27	F	old stakes embedded within trunk
347	Manitoba maple (Acer negundo)	120 (est)	P/F	Crown dieback from centre, decay po
348	Manitoba maple (Acer negundo)	35	F	Lean towards parking lot
349	Manitoba maple (Acer negundo)	40	Fair	
350	American elm (Ulmus americana)	60	G	
351	Eastern white cedar (Thuja occidentalis)	7 stems 5-15	G	
352	Eastern white cedar (Thuja occidentalis)	15 stems 5-15	G	
353	Manitoba maple (Acer negundo)	25, 36, 13, 31	G/F	
354	Red maple (Acer rubrum)	55	G/F	
355	White spruce (Picea glauca)	22	G	
356	White spruce (Picea glauca)	19	F	Fork, girdling by old stake never remo
357	White spruce (Picea glauca)	15	G	
358	White spruce (Picea glauca)	22	F	Lean, old stake embedded in bark
359	White spruce (Picea glauca)	24	G	Partially girdled by old stake
360	White spruce (Picea glauca)	18	Dead	Badly girdled by old stake
361	White spruce (Picea glauca)	16	F	
362	White spruce (Picea glauca)	23	G	
363	White spruce (Picea glauca)	20	G/F	
364	White spruce (Picea glauca)	23	G	
365	White spruce (Picea glauca)	19	G/F	
366	Honey locust (Gleditsia triacanthos)	46	G	

367	Honey locust (Gleditsia triacanthos)	43	G	
368	Honey locust (Gleditsia triacanthos)	44	G/F	
369	Honey locust (Gleditsia triacanthos)	45	F	

Areas	**Description**
A	Mature thicket, common buckthorn, Manitoba maple dominant, butternut, american elm, bur oak, young ash
B	Manitoba maple and buckthorn, young ash, some Manitoba maple hazardous
C	Manitoba maple and buckthorn, poor health, highly disturbed area
D	Manitoba maple thicket

Dendron Forestry Services

dendronforestry.ca

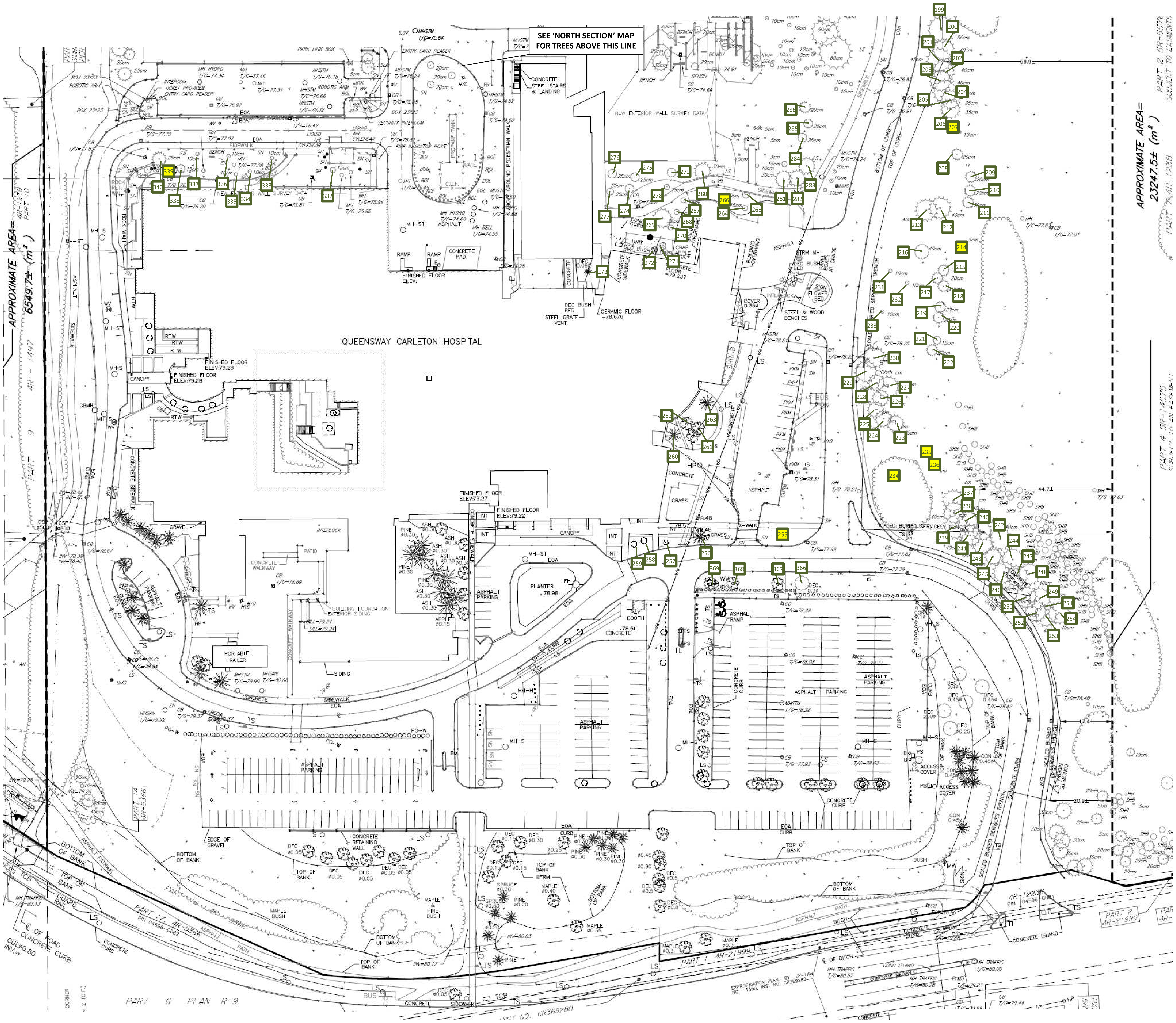
TCR Map#1: Tree Inventory – Queensway Carleton Hospital, North Section, November 20, 2025
Tree layer prepared by Dendron Forestry Services
For more information, please contact:
info@dendronforestry.ca

N

Legend

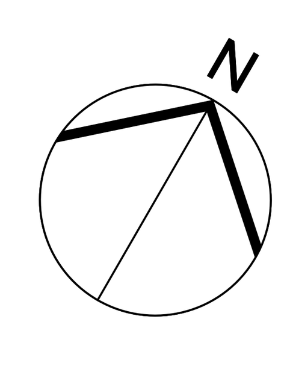
1 Tree 10 or greater

1 Location of tree has been estimated, not provided on survey



Dendron
Forestry
Services
dendronforestry.ca

TCR Map#1: Tree Inventory – Queensway Carleton Hospital, South Section, November 20, 2025
Tree layer prepared by Dendron Forestry Services
For more information, please contact:
info@dendronforestry.ca



1	Tree 10 or greater	1	Location of tree has been estimated, not provided on survey

Dendron Forestry Services
www.dendronforestry.ca
613.805.WOOD (9663)
info@dendronforestry.ca

APPENDIX B: Assumptions and Limiting Conditions

Intended Use of the Report

This Report was prepared by Dendron Forestry Services (hereafter "Dendron") at the request of the Client. The results, observations, interpretations, analysis, recommendations, and conclusions contained within this Report are to be used solely for the purposes outlined within this Report. All other uses are impermissible and unintended, unless specifically stated in writing in the Report.

Intended User of the Report

This Report was prepared by Dendron for the exclusive use of the Client and may not be used or relied upon by any other party. All other users are unintended and unauthorized, unless specifically stated in writing in the Report.

Limitations of this Report

This Report is based on the circumstances and on-site conditions as they existed at the time of the site inspection and the information provided by the Client and/or third parties to Dendron. On-site conditions may limit the extent of the on-site inspection(s) conducted by Dendron, including weather events such as rain, flooding, storms, winds, tornados, snowfall, snow cover, hail; obstructions including fencing, dwellings, buildings, sheds, plants, and animals; lack of access to the entire perimeter of the tree due to adjacent properties; the shape of the tree; and accessibility of the tree crown, branches, trunk, or roots for examination.

In the event that information provided by the Client or any third parties, including but not limited to documents, records, site and grading plans, permits, or representations or any site conditions are updated or change following the completion of this Report, this Report is no longer current and valid and cannot be relied upon for the purpose for which it was prepared. Dendron and its agents, assessors, and/or employees are not liable for any damages, injuries, or losses arising from amendments, revisions, or changes to the documents, records, site and grading plans, permits, representations, or other information upon which Dendron relied in preparing this Report.

No assessment of any other trees or plants has been undertaken by Dendron. Dendron and its agents, assessors, and/or employees are not liable for any other trees or plants on or around the subject Property except those expressly identified herein. The results, observations, interpretations, analysis, recommendations, and conclusions contained within this Report apply only to the trees identified herein.

Trees and plants are living organisms and subject to change, damage, and disease, and the results, observations, interpretations, analysis, recommendations, and conclusions as set out in this Report are valid only as at the date any inspections, observations, tests, and analysis took place. No guarantee, warranty, representation, or opinion is offered or made by Dendron as to the length of the validity of the results, observations, interpretations, analysis, recommendations, and conclusions contained within this Report. As a result the Client shall only rely upon this Report as representing the results, observations, interpretations, analysis, recommendations, and conclusions that were made as at the date of such inspections, observations, tests, and analysis. The trees discussed in this Report should be re-assessed periodically and at least within one year of the date of this Report.

No Opinion regarding ownership of the Tree

This Report was not prepared to make a determination as to ownership of the subject tree(s). Where ownership of the subject tree(s) is identified within this Report, said identification is based on the information provided by the Client and third parties, including surveys, permits, and site and grading plans and may not be relied upon as a guarantee, warranty, or representation of ownership.

Assumptions

This Report is based on the circumstances and conditions as they existed at the time of the site inspection and the information provided by the Client and/or third parties to Dendron. Where documents, records, site and grading plans, permits, representations, and any other information was provided to Dendron for the purpose of preparing this Report, Dendron assumed that said information was correct and up-to-date and prepared this Report in reliance on that information. Dendron and its agents, assessors, and/or employees, are not responsible for the veracity or accuracy of such information. Dendron and its agents, assessors, or employees are not liable for any damages, injuries, or losses arising from inaccuracies, errors, and/or omissions in the documents, records, site and grading plans, permits, representations, or other information upon which Dendron relied in preparing this Report.

For the purpose of preparing this Report, Dendron and its agents, assessors, and/or employees assumed that the property which is the subject of this Report is in full compliance with all applicable federal, provincial, municipal, and local statutes, regulations, by-laws, guidelines, and other related laws. Dendron and its agents, assessors, and/or employees are not liable for any issues with respect to non-compliance with any of the above-referenced statutes, regulations, bylaws, guidelines, and laws as it may pertain to or affect the property to which this Report applies.

For the purpose of preparing this Report, Dendron and its agents, assessors, and/or employee assumed that there are no hidden or unapparent conditions affecting the results, observations, interpretations, analysis, recommendations, and conclusions contained within this Report.

No Publication

The Client acknowledges and agrees that all intellectual property rights and title, including without limitation, all copyright in this Report shall remain solely with Dendron Forestry. Possession of this Report, or a copy thereof, does not entitle the Client or any third party to the right of publication or reproduction of the Report for any purpose save and except where Dendron has given its prior written consent.

Neither all nor any part of the contents of this Report shall be disseminated to the public through advertising, public relations, news, sales, the internet or other media (including, without limitation, television, radio, print or electronic media) without the prior written consent of Dendron Forestry.

Implementing the Report Recommendations

Dendron and its agents, assessors, and/or employees accept no responsibility for the implementation of any part of this Report unless specifically requested to provide oversight on the implementation of the recommendations. In the event that inspection or supervision of all or part of the implementation of the within recommendations is requested, that request shall be in writing and the details agreed to in writing by both parties.

Dendron and its agents, assessors, and/or employees are not liable for any damages or injuries arising from the manner in which the recommendations in this Report are implemented, including failure to, incorrect, or negligent implementation of the recommendations.

Further Services

Neither Dendron nor any assessor employed or retained by Dendron for the purpose of preparing or assisting in the preparation of this Report shall be required to provide any further consultation or services to the Client, save and except as already carried out in the preparation of this Report and including, without limitation, to act as an expert witness or witness in any court in any jurisdiction unless the Client has first made specific arrangements with respect to such further services, including, without limitation, providing the payment of the Report's regular hourly billing fees.

Limits of Liability

In carrying out this Report, Dendron and its agents, assessors, and/or employees have exercised a reasonable standard of care, skill, and diligence as would be customarily and normally provided in carrying out this Report. While reasonable efforts have been made to ensure that the trees recommended for retention are healthy, no guarantees are offered, or implied, that these trees, or all parts of them will remain standing. It is professionally impossible to predict with absolute certainty the behaviour of any single tree or group of trees, or all their component parts, in all given circumstances. Inevitably, a standing tree will always pose some risk. Most trees have the potential to fall, lean, or otherwise pose a danger to property and persons in the event of adverse weather conditions, and this risk can only be eliminated if the tree is removed.

Without limiting the foregoing, no liability is assumed by Dendron for:

a) any legal description provided with respect to the Property;
b) issues of title and or ownership respect to the Property;
c) the accuracy of the Property line locations or boundaries with respect to the Property; and
d) the accuracy of any other information provided to Dendron by the Client or third parties;
e) any consequential loss, injury or damages suffered by the Client or any third parties, including but not limited to replacement costs, loss of use, earnings and business interruption; and
f) the unauthorized distribution of the Report.

The total monetary amount of all claims or causes of action the Client may have as against Dendron Forestry, including but not limited to claims for negligence, negligent misrepresentation, and breach of contract, shall be strictly limited solely to the total amount of fees paid by the Client to Dendron Forestry pursuant to the Contract for Services dated July 12, 2024, for which this Assessment was carried out.

Further, under no circumstance may any claims be initiated or commenced by the Client against Dendron or any of its directors, officers, employees, contractors, agents, assessors, or Assessors, in contract or in tort, more than 12 months after the date of this Report.

No Third Party Liability

This Report was prepared by Dendron exclusively for the Client for the purpose set out in the Report. Any use which a third party makes of this Report, or any reliance on or decisions a third party may make based upon this Report, are made at the sole risk of any such third parties. Dendron Forestry accepts no responsibility for any damages or loss suffered by any third party or by the Client as a result of decisions made or actions based upon the unauthorized use or reliance of this Report by any such party.

General

Any plans and/or illustrations in this Report are included only to help the Client visualize the issues in this Report and shall not be relied upon for any other purpose. This report is best viewed in colour. Any copies printed in black and white may make some details difficult to properly understand. Dendron accepts no liability for misunderstandings due to a black and white copy of the report.

Notwithstanding any of the above, nothing in this Report is taken to absolve the Client of the responsibility of obtaining a new Report in the event that the circumstances of the tree change.