

#	Species	DBH (cm)	Biological Condition (Good, Fair, Poor, Dead)	Structural Condition (Good, Fair, Poor, Dead)	Condition Comments	Minimum TPZ (m)	Tree Ownership	Action	Recommendations & Details
1	Silver Maple (<i>Acer saccharinum</i>)	29	G	G	Small deadwood noted throughout canopy.	2.4	Public	Protect	Per Niagara-on-the-Lake By-law No. 5139-19 tree protection hoarding indicated on associated Tree Preservation Plan (TPP). Elevate over sidewalk; Clearance prune sign.
2	Tulip (<i>Tulipifera grandifolia</i>)	33	FP	FP	Long vertical crack noted in trunk; Slime flux oozing from crack; Upper trunk grinding due to guy line.	2.4	Public	Protect	Per Niagara-on-the-Lake By-law No. 5139-19 tree protection hoarding indicated on associated Tree Preservation Plan (TPP). Elevate over sidewalk; Clearance prune sign.
3	White Mulberry (<i>Morus alba</i>)	68	G	G	Codominant 2-stem (v137°, 59°); Included bark between stems; Overelongated limbs.	4.2	Private	Remove	REMOVE due to proposed construction. Subject Tree classified as a Weed Tree in Niagara-on-the-Lake By-law No. 5139-19. If tree is to be retained: installation of Cobra Cable support system; Tip reduction to reduce weight and leverage forces; Clearance from Theatre and surrounding structures.
4	White Mulberry (<i>Morus alba</i>)	36.5	G	G	Overelongated limbs.	2.4	Private	Remove	REMOVE due to proposed construction. Subject Tree classified as a Weed Tree in Niagara-on-the-Lake By-law No. 5139-19. No Removal Permit required. If tree is to be retained: Tip reduction to reduce leverage forces; Clearance from Theatre and surrounding structures.
5	Red Maple (<i>Acer rubrum</i>)	70	G	G	Deadwood throughout central canopy; Overelongated limbs.	4.2	Private	Remove	REMOVE due to proposed construction. If tree is to be retained: remove deadwood; Clearance from Theatre and surrounding structures.
6	Silver Maple (<i>Acer saccharinum</i>)	~65	G	G	Crowding out proximate Blue Spruce; Coppous growth at base; Overelongated limbs.	4.2	Private (Neighbour)	Remove	REMOVE due to proposed construction. If tree is to be retained: remove branches growing into Blue Spruce; Clearance and elevate from surrounding structures.
7	Blue Spruce (<i>Picea pungens</i>)	~25	FP	F	Needlecast present; Crowded out by proximate Silver Maple.	2.4	Private (Neighbour)	Remove	REMOVE due to proposed construction. If tree is to be retained: Plant Healthcare (PHC) application to treat Needlecast.
8	Crab Apple (<i>Malus sylvestris</i>)	~30	G	FP	Multi-stem; Areas of sparse foliage.	2.4	Private (Neighbour)	Remove	REMOVE due to proposed construction.
9	Eastern White Cedar (<i>Thuja occidentalis</i>)	17	G	G	Good health and structure.	2.4	Private (Neighbour)	Remove	REMOVE due to proposed construction.
10	Norway Spruce (<i>Picea abies</i>)	58	G	G	Small deadwood throughout canopy; Elongated limbs in upper canopy; Low canopy limb height less than 3m above grade.	3.6	Private (Neighbour)	Intent to Injure	Due to buttress root growth around concrete sidewalk slabs it is unlikely construction can be completed without damage to the tree. Post-construction follow-up to include a visual assessment of buttress roots and deep root fertilizing to augment soil health. Elevate over driveway; Reduce elongated limbs.
11	Basswood (<i>Tilia americana</i>)	56	G	G	Codominant 2-stem beginning at 3m above grade.	3.6	Public	Retain	n/a
12	Norway Maple (<i>Acer platanoides</i>)	46.5	G	FP	Previous heavy pruning on roadside; Large old injury at base with good reaction wood; Detached section of decayed heartwood within cavity.	3	Public	Protect	Per Niagara-on-the-Lake By-law No. 5139-19 tree protection hoarding indicated on associated Tree Preservation Plan (TPP).
13	London Plane (<i>Platanus x acerifolia</i>)	56	F	G	Decurrent form; Tip die back; Coppous growth at base; Powdery Mildew, Anthracnose, Slime Flux present.	3.6	Public	Protect	Per Niagara-on-the-Lake By-law No. 5139-19 tree protection hoarding indicated on associated Tree Preservation Plan (TPP). PHC application to treat Powdery Mildew and Anthracnose.
14	Japanese Maple (<i>Acer palmatum</i>)	25	G	G	Codominant 2-stem (v137°, 18.5°).	2.4	Private (Neighbour)	Retain	n/a
15	Norway Maple (<i>Acer platanoides</i>)	71.5	G	G	Large codominant union with very good structure 5m above grade; Small deadwood throughout canopy; Buttress roots grown into driveway and sidewalk; Trunk grown into old iron fence.	4.8	Public	Intent to Injure	Due to buttress root growth around concrete sidewalk slabs it is unlikely construction can be completed without damage to the tree. Post-construction follow-up to include a visual assessment of buttress roots and deep root fertilizing to augment soil health.
16	White Spruce (<i>Picea glauca</i>)	33	FP	G	Stunted growth; Wild grape vine growing up through canopy.	2.4	Private	Retain	Prune out grape vine; PHC application for root feeding.
17	Golden Ash (<i>Fraxinus excelsior 'Aurea'</i>)	~20	G	G	Good health and structure.	2.4	Private (Neighbour)	Retain	n/a
18	Eastern Hemlock (<i>Tsuga canadensis</i>)	~40	G	G	Good health and structure.	2.4	Private (Neighbour)	Retain	n/a
19	Common Buckthorn (<i>Rhamnus cathartica</i>)	~35	G	G	Deadwood throughout canopy; Low canopy limb height less than 3m above grade.	2.4	Private (Neighbour)	Retain	Elevate over backyard area.
20	White Spruce (<i>Picea glauca</i>)	11.5	G	G	Restricted growth; Galls present.	2.4	Private	Retain	PHC application to treat Galls.
21	Norway Maple (<i>Acer platanoides</i>)	42	F	P	Multiple defects on trunk; Internal decay; Bore holes and wood shavings at base; Large open cavity on tension side of stem (placement of defect heavily compromises structural integrity of union and limb).	3	Private	Remove	REMOVE due to proposed construction. Subject Tree classified as a Weed Tree in Niagara-on-the-Lake By-law No. 5139-19. If tree is to be retained: Remove OR large reduction prune to decrease weight and leverage forces along with installation of Cobra Cable support system. *To be completed within (4) weeks of site visit.
22	Norway Maple (<i>Acer platanoides</i>)	~45	G	G	Good health and structure.	3	Private (Neighbour)	Retain	n/a
23	Black Walnut (<i>Juglans nigra</i>)	~55	G	G	Good health and structure.	3.6	Private (Neighbour)	Retain	n/a
24	Norway Maple (<i>Acer platanoides</i>)	37	FP	FP	Large dead central stem; Large deadwood throughout canopy.	2.4	Private (Neighbour)	Retain	*Remove dead stem and deadwood. *To be completed within (4) weeks of site visit.
25	Norway Maple (<i>Acer platanoides</i>)	35	F	FP	Large open cavity on tension side of central stem (placement of defect heavily compromises structural integrity of union and limb)	2.4	Private (Neighbour)	Retain	*Remove stem above cavity OR large reduction prune to reduce weight and leverage forces. *To be completed within (4) weeks of site visit.
26	Norway Maple (<i>Acer platanoides</i>)	25	G	G	Multi-stem (v18°, 13°, 11°); Small deadwood throughout canopy.	2.4	Private (Neighbour)	Retain	Remove deadwood.
27	Sycamore Maple (<i>Acer pseudoplatanus</i>)	39.5	FP	FP	Limited root space; dead tops in upper canopy; large deadwood.	2.4	Private	Remove	REMOVE due to proposed construction. *If tree is to be retained: prune out dead tops; remove deadwood. *To be completed within (4) weeks of site visit.
28	Norway Maple (<i>Acer platanoides</i>)	18	G	G	Large hanger in lower canopy; small deadwood throughout canopy.	2.4	Private	Remove	REMOVE due to proposed construction. Subject Tree classified as a Weed Tree in Niagara-on-the-Lake By-law No. 5139-19. If tree is to be retained: remove hanger and deadwood.
29	Norway Maple (<i>Acer platanoides</i>)	24	G	FP	Trunk curved due to phototropic growth response; small deadwood throughout canopy.	2.4	Private	Remove	REMOVE due to proposed construction. Subject Tree classified as a Weed Tree in Niagara-on-the-Lake By-law No. 5139-19. If tree is to be retained: remove deadwood.
30	Norway Maple (<i>Acer platanoides</i>)	16	G	G	Fine deadwood throughout canopy.	2.4	Private	Remove	REMOVE due to proposed construction. Subject Tree classified as a Weed Tree in Niagara-on-the-Lake By-law No. 5139-19.
31	Norway Maple (<i>Acer platanoides</i>)	24	G	G	Coppous growth at base; trunk covered by grape vine; fine deadwood throughout canopy.	2.4	Private	Remove	REMOVE due to proposed construction. Subject Tree classified as a Weed Tree in Niagara-on-the-Lake By-law No. 5139-19. If tree is to be retained: remove deadwood.
32	Blue Spruce (<i>Picea pungens</i>)	28	G	G	Needlecast present.	2.4	Private	Remove	REMOVE due to proposed construction. If tree is to be retained: PHC application to treat Needlecast.
33	Blue Spruce (<i>Picea pungens</i>)	29	G	G	Needlecast present.	2.4	Private	Remove	REMOVE due to proposed construction. If tree is to be retained: PHC application to treat Needlecast.
34	Weeping Beech (<i>Fagus sylvatica 'Pendula'</i>)	45.5	G	G	Codominant 2-stem (v42°, 18°); Exceptional health, form, and structure.	3.6	Private	Remove	REMOVE due to proposed construction.
35	White Spruce (<i>Picea glauca</i>)	15.5	G	G	Small deadwood throughout canopy; Elongated limbs in upper canopy.	2.4	Private	Remove	REMOVE due to proposed construction. If tree is to be retained: clearance from Theatre.
36	Balsam Fir (<i>Abies balsamea</i>)	17.5	G	G	Crowding out due to surrounding trees.	2.4	Private	Remove	REMOVE due to proposed construction.
37	Paper Birch (<i>Betula papyrifera</i>)	25	G	G	Crowding out due to surrounding trees.	2.4	Private	Remove	REMOVE due to proposed construction. If tree is to be retained: clearance from Theatre.
38	White Ash (<i>Fraxinus americana</i>)	15.5	G	G	No signs of previous systemic injection holes.	2.4	Private	Remove	REMOVE due to proposed construction.