

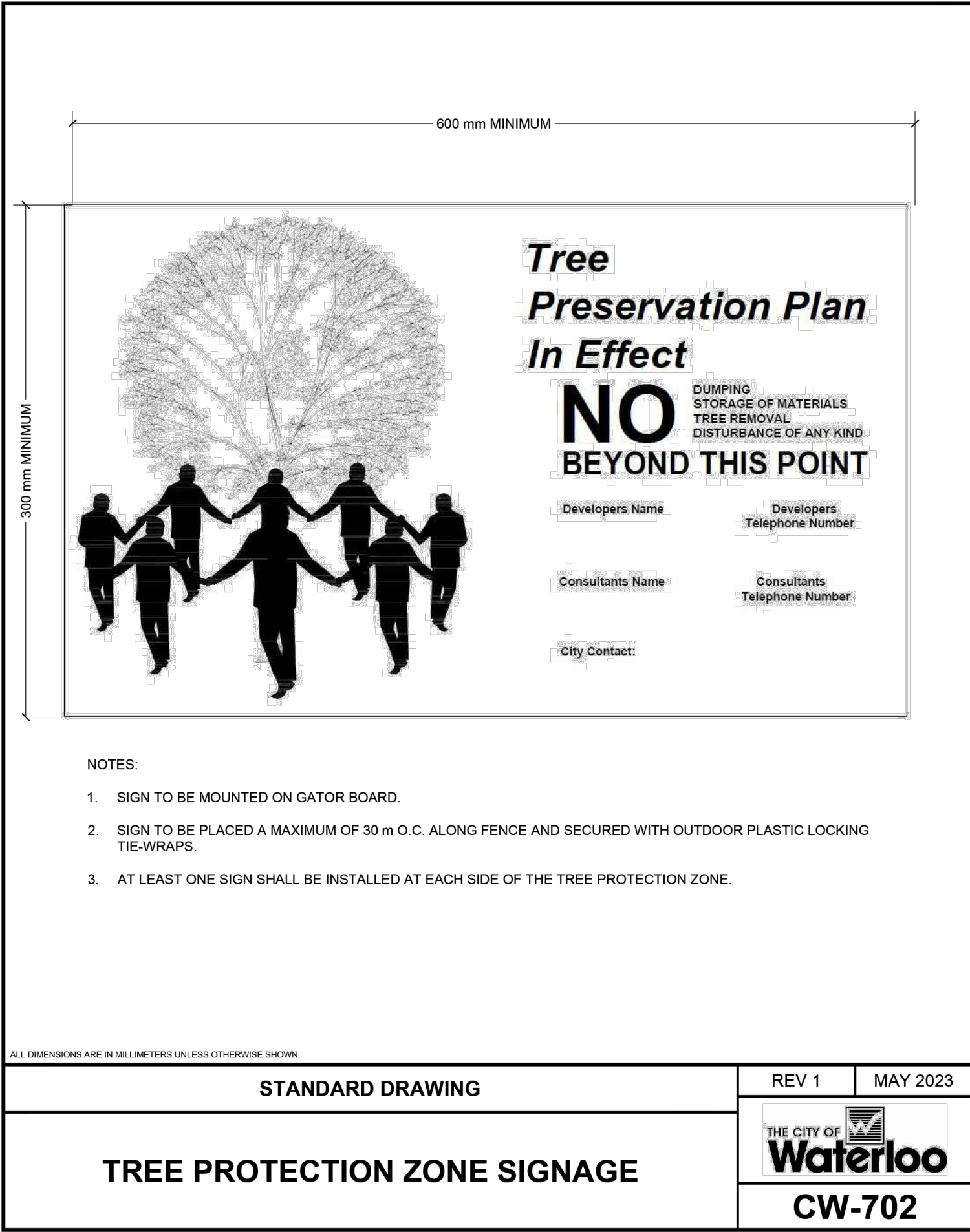
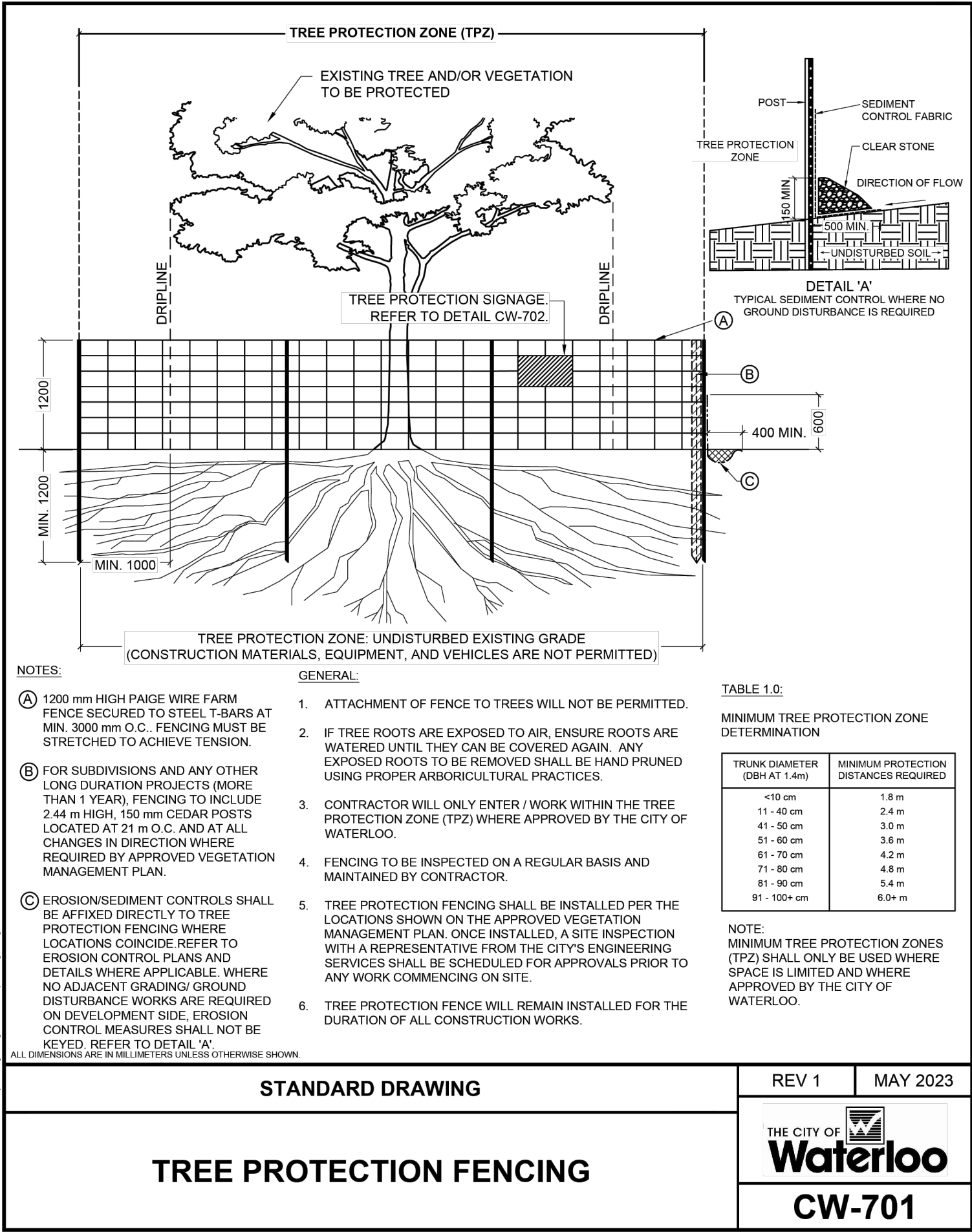


TABLE 1. Detailed Tree Inventory for 142 - 154 Erb Street, Waterloo, ON
Date Data Collected: June 27, 2022.

Tree Tag # or ID	Botanical Name	Common Name	DBH (cm)	City Minimum Tree Protection Zon (TP2) radius in metres	Dripline Radius (m)	Condition				Property/Location	Comments	Recommended Action	Justification for Action	Boundary/Adjacent Property Tree Removal Permission Required
						trunk integrity	crown structure	crown vigor	overall condition					
166	<i>Tilia cordata</i>	Littleleaf Linden	38	2.4	6	G	G	G	G	Region of Waterloo ROW	Surface roots; pruned back from hydro.	REMOVE	Remove for construction of 2.1m CSW	X
167	<i>Tilia cordata</i>	Littleleaf Linden	36	2.4	5	G	G	G	G	Region of Waterloo ROW	Surface roots; pruned back from hydro.	REMOVE	Remove for construction of 2.1m CSW	X
168		Unknown	16	2.4	3				DEAD	Region of Waterloo ROW		REMOVE	Tree Condition - tree is dead	X
169	<i>Acer saccharum</i>	Sugar Maple	23,29,39	2.4	6.5	G	G	G	G	City	Small wound in central stem; dense canopy; low canopy	Retain / Prune	Construction of proposed sidewalk 1.5m width and associated Grading to meet the back of the existing sidewalk to mitigate root impact.	
170	<i>Acer negundo</i>	Manitoba Maple	(3)22,(2)28,28	2.4	8	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
171	<i>Acer negundo</i>	Manitoba Maple	24	2.4	8	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
172	<i>Acer negundo</i>	Manitoba Maple	12,16	2.4	5	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
173	<i>Acer negundo</i>	Manitoba Maple	22	2.4	6	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
174	<i>Acer negundo</i>	Manitoba Maple	17,20	2.4	6	P	G	G	P	Private - Development	Tree growing around metal post refuse.	REMOVE	Grading and Construction for Development	
175	<i>Acer negundo</i>	Manitoba Maple	10,<10	1.8	4	G	F	F	F	Private - Development	Thin canopy due to shaded by adjacent trees.	REMOVE	Grading and Construction for Development	
176	<i>Juglans nigra</i>	Black Walnut	14,16,18	2.4	6	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
177	<i>Ulmus pumila</i>	Siberian Elm	30,16	2.4	6	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
178	<i>Ulmus pumila</i>	Siberian Elm	18,15	2.4	6	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
179	<i>Ulmus pumila</i>	Siberian Elm	18,20	2.4	6	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
180	<i>Ulmus pumila</i>	Siberian Elm	20	2.4	4	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
181	<i>Thuja occidentalis</i>	Eastern White Cedar	18,20	2.4	4	P	F	P	P	Private - Development	Dead top, wound on stem.	REMOVE	Grading and Construction for Development	
182	<i>Acer negundo</i>	Manitoba Maple	44,18	3	7	F	G	G	F	Private - Development	18cm stem arching toward ground.	REMOVE	Grading and Construction for Development	
183	<i>Acer negundo</i>	Manitoba Maple	32	2.4	6	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
184	<i>Acer platanoides</i>	Norway Maple	23	2.4	7	G	F	F	F	Private - Development	Canopy growing on only half due to competition with #182183	REMOVE	Grading and Construction for Development	
185	<i>Acer negundo</i>	Manitoba Maple	40	2.4	6	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
186	<i>Acer negundo</i>	Manitoba Maple	24	2.4	5	P	F	G	P	Private - Development	Rotting wound at base.	REMOVE	Grading and Construction for Development	
187	<i>Acer negundo</i>	Manitoba Maple	15	2.4	4	F	G	G	F	Private - Development	Growing on slant.	REMOVE	Grading and Construction for Development	
188	<i>Acer negundo</i>	Manitoba Maple	(2)9	2.4	5	P	G	G	P	Private - Development	Large wound on base of one trunk.	REMOVE	Grading and Construction for Development	
189	<i>Acer negundo</i>	Manitoba Maple	50	3	8	G	G	G	G	Private - Development	Small wound on tree.	REMOVE	Grading and Construction for Development	
190	<i>Acer negundo</i>	Manitoba Maple	16,20	2.4	7	P	G	G	P	Private - Development	Wound at base.	REMOVE	Grading and Construction for Development	
191	<i>Juglans nigra</i>	Black Walnut	21	2.4	6	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
192	<i>Acer negundo</i>	Manitoba Maple	<10,10,16,18,14	2.4	7	G	G	G	G	Private - Development	Wound on one trunk	REMOVE	Grading and Construction for Development	
193	<i>Thuja occidentalis 'Emerald'</i>	Emerald Cedar	(2)<10,10,12	2.4	2	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
194	<i>Sorbus xhybrida</i>	Oakleaf Mountain Ash	<10	1.8	2.5	G	G	G	G	City		REMOVE	Proposed access to the property from Dunbar St. N	X
195	<i>Fraxinus sp.</i>	Ash sp.	40	2.4	5				DEAD	Region of Waterloo ROW		REMOVE	Tree Condition - tree is dead	X
196	<i>Acer negundo</i>	Manitoba Maple	10,18,(2)20,25,30	2.4	10	F	G	G	F	Private - Development		REMOVE	Grading and Construction for Development	
197	<i>Acer negundo</i>	Manitoba Maple	(2)18	2.4	3	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
198	<i>Acer negundo</i>	Manitoba Maple	10,(2)16,18,20	2.4	7	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
199	<i>Acer negundo</i>	Manitoba Maple	40	2.4	10	G	G	G	G	Private - Development		REMOVE	Grading and Construction for Development	
200	<i>Acer negundo</i>	Manitoba Maple	15,23	2.4	4	G	G	G	G	Private - Shared	15cm arching, 23cm stem growing between chain link fence and board on board fence.	REMOVE	Grading and Construction for Development	X

1.1 Summary of Tree Impacts and Permit and Compensation Requirements

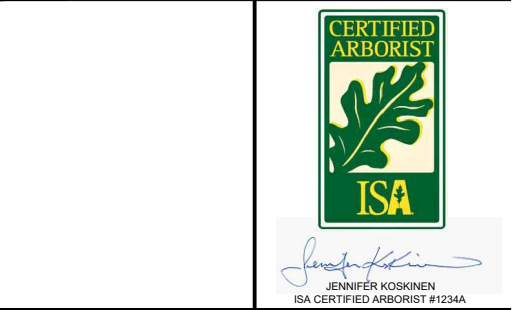
ACTION	TOTAL
Retain	0
Removal	34
Retain and Prune	1
Total # trees inventoned	35

CITY OF WATERLOO TREE PROTECTION NOTES:

- All existing vegetation located on site, and on adjacent properties within 6m of the property line (both private and public) have been identified on the VMP.
- The location of all trees and property boundaries have been accurately located/represented on this plan. Tree ownership determination has been based on accurate tree locations, field review and property boundary information.
- No vegetation removals may occur from the site until the issuance of the building permit. Where no building permit is required, tree removals may not occur until the time of final site plan approval (inclusive of engineering approvals).
- All tree clearing shall be in accordance with the federal Migratory Birds Convention Act, 1994, and the provincial Endangered Species Act, 2007. Clearing activities shall be completed in accordance with all recommended bird nesting windows and the protection of Species at Risk habitat.
- Tree Protection Fencing (TPF) shall be certified by the Consultant to be in compliance with the approved Vegetation Management Plan. Upon receipt of TPF certification and a satisfactory site inspection by an Engineering Services Landscape Representative, final approval shall be granted by City Staff prior to the commencement of any work or vegetation removals.
- Tree preservation fence will remain installed for the duration of construction.
- Any trees identified to be preserved that are impacted by development (further to the approved VMP plan) will be replaced with the same species or an approved alternate, to the satisfaction of the City of Waterloo, at a minimum of 70 mm caliper size for deciduous trees and a minimum 250 cm height for coniferous trees.
- Any root and branch pruning of existing vegetation to be preserved on site shall be in conformance with current ANSI A300 Standards.
- Every effort to preserve and protect vegetation located on adjacent properties will be undertaken during construction/site works.
- Approvals as granted by the City of Waterloo through the Site Plan approval process do not supersede any civil or common law property rights. It is the applicant/Owner's responsibility to:
 - determine ownership and coordinate and obtain approvals of:
 - Any removal of a shared boundary tree or tree located on adjacent property;
 - Any injury to a shared boundary tree or tree located on adjacent property;
 - Encroachment and access requirements;
 - resolve any property disputes;
 - and ensure compliance with all applicable laws.
- Where impact/injury to preserved shared boundary trees or trees on adjacent properties has been identified the applicant agrees to provide an assessment of the impact to the long-term health of each tree, to be prepared by a qualified expert (i.e. Certified Arborist).
- The City recommends that the Owner obtain written adjacent tree owner acknowledgement and approval of the required work and potential impacts where potential injury has been identified within the TPZ.
- All trees located on shared property boundaries or on adjacent properties that are proposed to be removed (as identified on this plan or in the accompanying arborist report) will have Owner approval documented through a signed Letter of Consent for each property to be provided prior to Site Plan Approval.

NO.	REVISION/ISSUE	DATE
1.	ISSUED FOR OPA/ZBA	AUG 30/24

CLIENT:
2744668 Ontario Inc.



PROJECT TITLE:
1 DUNBAR ROAD NORTH

142-154 ERB STREET WEST WATERLOO, ON
DRAWING TITLE:

DETAILS & NOTES

DRAWN BY: GK
CHECKED BY: JK
DATE: AUGUST 2024
SCALE: N.T.S.
PROJECT NO. DWG. NO.

VMP-2