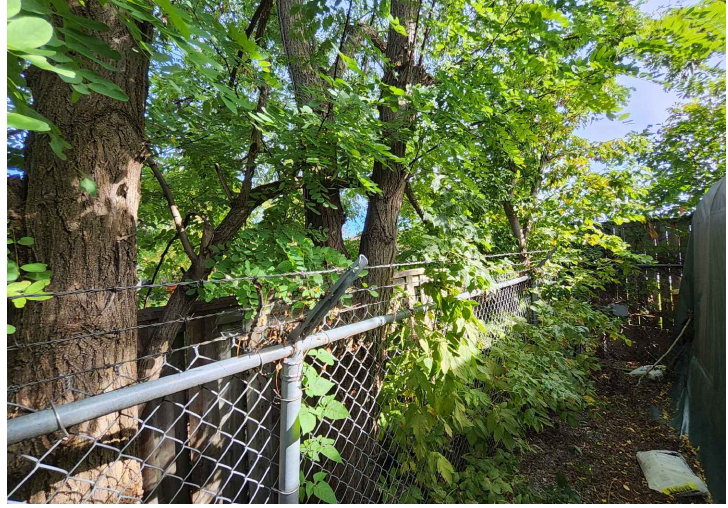


Tree#1



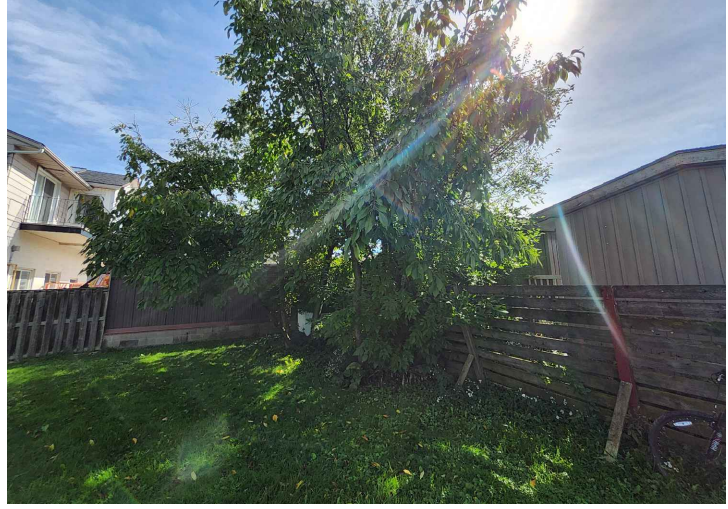
Tree#3



Tree#6



Tree#8



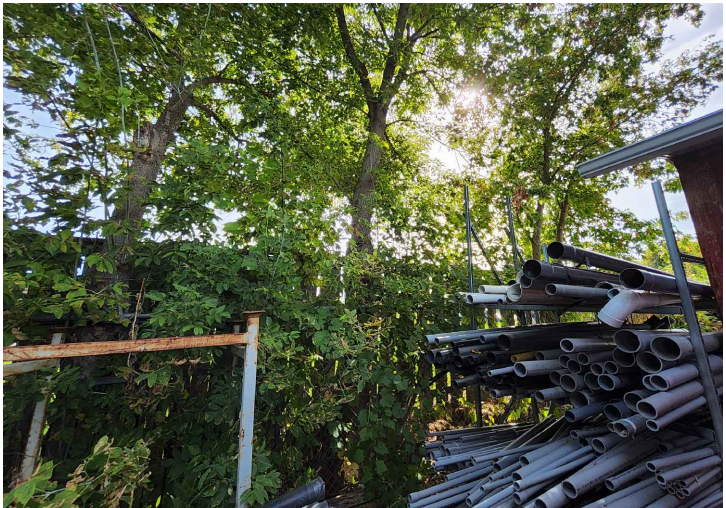
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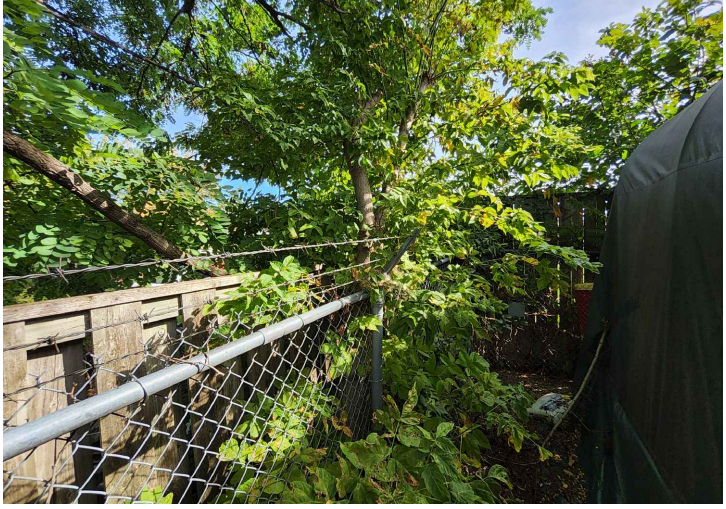
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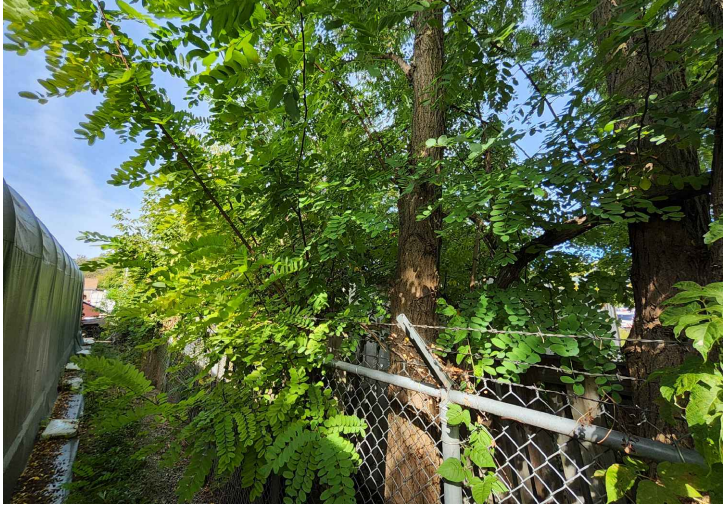
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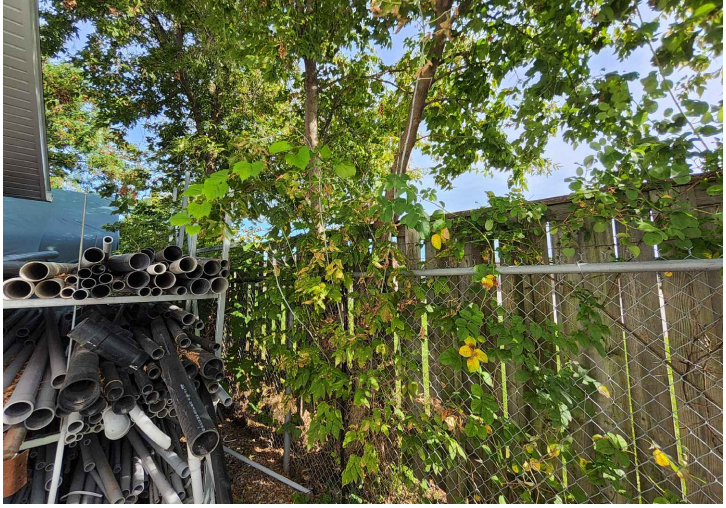
Tree#2



Tree#5



Tree#7



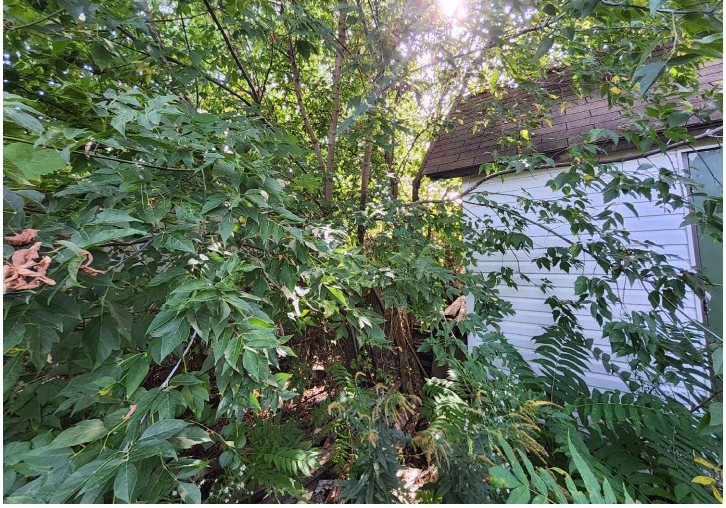
Tree#9



Tree#13,14

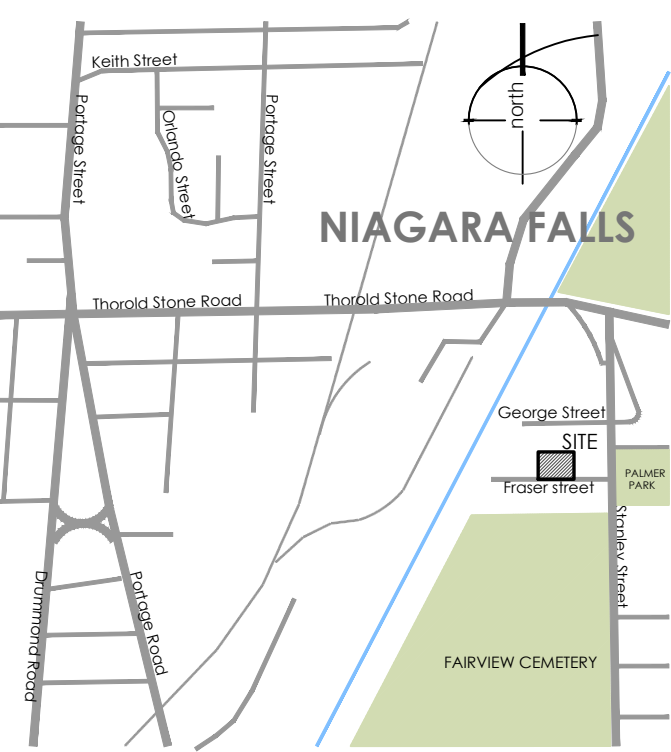


Tree#16



Tree#19

KEY MAP - N.T.S.



LEGEND

- property line
- UNIT 2 vegetation unit (refer to chart)
- 2 existing tree number (refer to chart)
- existing vegetation to remain
- existing vegetation to be removed
- existing elevations
- tree protection fence (with silt fence) - see detail D1, L-2

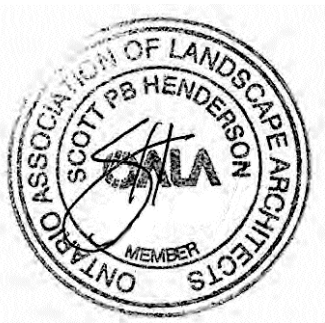
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ISSUED FOR REVIEW & COMMENTS ONLY

NOTE:  
Vegetation inventory undertaken by Adesso Design Inc., on 2024-09-24.

REVISIONS/ SUBMISSIONS

#	DATE	DESCRIPTION
1	2024-10-21	Issued for review

STAMP



CLIENT

Rita Visca

MUNICIPALITY

Niagara Falls

PROJECT

VISCA Residential Development  
5523-5555 Fraser Street  
Building A

MUNICIPAL FILE NUMBER

SHEET

Tree Protection Plan

L-1

adesso design inc.  
landscape architecture



69 John Street South, Suite 250  
Hamilton, ON L8N 2B9  
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Tree #	Species (Common Name)	Species (Botanical Name)	DBH (cm)	Crown Class*	Condition**	DL (m)	Comments	Potential Impacts from Construction	Ownership	Recommendation
1	Manitoba Maple	<i>Acer negundo</i>	23.15	CD	P	4	Between Cain Link Fence and Wood privacy Fence, Water Sprouts, Included Metal,	Conflicts with proposed Construction	Property	Remove
2	Manitoba Maple	<i>Acer negundo</i>	25	CD	P	4.5	Between Cain Link Fence and Wood privacy Fence,Stem Wounds, Included Metal, poor Form			
3	Manitoba Maple	<i>Acer negundo</i>	15	S	P	1	Cut Stems, Between Chain Link Fence and Wood Privacy Fence, Water Sprouts	Conflicts with proposed Construction	Property	Remove
4	White Ash		13	CD	P	1.5	Between Cain Link Fence and Wood privacy Fence,Stem Wounds, Included Metal	Conflicts with proposed Construction	Property	remove
5	Manitoba Maple	<i>Acer negundo</i>	12	S	P	2	Between Cain Link Fence and Wood privacy Fence,Water Sprouts, Poor Form	Conflicts with proposed Construction	Property	Remove
6	Black Locust		32	CD	F	6	Between Cain Link Fence and Wood privacy Fence,Included Bark	Conflicts with proposed Construction	Property	Remove
7	Black Locust		25	CD	FP	6	Between Cain Link Fence and Wood privacy Fence,Included Bark, Water Sprouts	Conflicts with proposed Construction	Property	Remove
8	Manitoba Maple	<i>Acer negundo</i>	30,10.5,15	CD	P	5	Heavy Pruning, Water Sprouts, Poor Form, Asymetric Canopy	Conflicts with proposed Construction	Property	Remove
9	Manitoba Maple	<i>Acer negundo</i>	18,15	CD	P	2.5	Between Cain Link Fence and Wood privacy Fence,Included Bark, Water Sprouts, poor form, union at base	Conflicts with proposed Construction	Property	Remove
10	Sweet Cherry	<i>Prunus avium</i>	13	CD	F	2.5	Lean north west		Neighbouring	Save
11	Chokecherry	<i>Prunus Virginiana</i>	16	CD	FP	3	Slight Lean West, Included bark, sap wounds		Neighbouring	Save
12	Green Ash	<i>Fraxinus pennsylvanica</i>	12	CD	P	2	Emerald Ash borer Infestation, poor form, frowing next to wood privacy fence		Neighbouring	Save
13	Green Ash	<i>Fraxinus pennsylvanica</i>	18	CD	P	4	Emerald Ash borer Infestation, Slight lean East		Neighbouring	Save
14	Sweet Cherry	<i>Prunus avium</i>	20,11.5	CD	FG	5	Asymetric Canopy,Multiple leaders		Neighbouring	Save
15	Manitoba Maple	<i>Acer negundo</i>	11,7.8	CD	P	2.5	Union at Base, Rotting roof Flare	Conflicts with proposed Construction	Property	Remove
16	Manitoba Maple	<i>Acer negundo</i>	12.6,8.9	CD	P	3	Union at Base,cut stems, poor form	Conflicts with proposed Construction	Property	Remove
17	Manitoba Maple	<i>Acer negundo</i>	10	CD	P	2	Dirt piled around Base, Lean East	Conflicts with proposed Construction	Property	Remove
18	Buckthorn		16,14	CD	P	2.5	Cut Stems,GrapeVine Competition in canopy	Conflicts with proposed Construction	Property	Remove
19	Manitoba Maple	<i>Acer negundo</i>	30,10,11,13	CD	P	3.5	Growing in Chain link fence, included bark	Conflicts with proposed Construction	Property	Remove



1. The area within the drip-line of all existing trees shall be properly protected with temporary fencing.
2. All existing trees on the project site shall remain undisturbed with no construction activity, grade changes, surface treatment, compaction, or excavation. Area shall not be used for the storage of materials or equipment access/storage or project related garbage.
3. Tree protection measures shall be installed prior to any demolition, construction activity, or other activity that may harm until the completion of fine grading and sodding or seeding.
4. Prune all trees for decay, disease, weak or hazardous branches only.
5. All trees shall be protected with a protective wrap with construction, prune for structural restoration where necessary.
6. No stockpiles and/or excavated material shall be placed within the drip-line of any tree.
7. No rigging cable shall be wrapped around or installed to trees.
8. Where root systems of protected trees are exposed directly adjacent to or damaged by construction work they are to be pruned and replaced with a tree of similar size and species. An Arborist is required to be on site for any injury or cutting to the root system or surface roots of a protected tree.
9. All trees within the drip-line of a protected tree to be done by hand, no heavy equipment is permitted within the preservation zone.
10. Sediment accumulations to be removed by subdivider/builder when construction is complete.
11. A copy of the approved and signed Vegetation Management Plan will be on site for the duration of construction and available upon request.
12. This detail does not represent any particular tree species.

### CHART LEGEND/CODES

**DBH:** Diameter at Breast Height (cm)

**Trunk Integrity (TI):** G = Good, F = Fair, P = Poor

**Crown Structure (CS):** G = Good, F = Fair, P = Poor

**Crown Vigor (CV):** G = Good, F = Fair, P = Poor

**Crown Class:** D = Dominant, CD = Codominant, I = Intermediate, S = Suppressed

\* CROWN CLASS  
Dominant- (D) Emergent canopy (receives full sunlight)  
Co-dominant - (C) Not fully emergent (top of canopy receives sunlight)  
Intermediate - (I) Sub-canopy tree (receives partial sunlight)

\* \*\* CONDITION - consideration of trunk integrity, crown structure and crown vigor  
Good - few or no issues related to trunk integrity, crown structure or crown vigor  
Fair - minor issues related to trunk integrity, crown structure (form, some dead or damaged branches) or crown vigor (20-80% healthy foliage)  
Poor - issues with trunk integrity such as cavities or exposed dead wood, poor crown structure (poor form, no clear leader, significant dead or damaged branches) or poor crown vigor (<20% healthy foliage)

**CONDITION OF TREES**  
The decision to remove or retain a tree is subject to the forecasted development impacts, the structural condition of the tree (e.g. cracks, cavities, decay, weak branching, leaning, hazard potential), the biological condition of the tree (e.g. pest or disease concerns, overall health) and the suitability of the tree in its location (e.g. hardiness, soil conditions, salt tolerance, visual obstruction, available soil volume)

HAND PRUNING /DIGGING NOTE

NOTE:

1. Any work within the driplines of a tree to be preserved, to be completed carefully by hand under supervision of a qualified tree professional. Any required root pruning to be completed by a qualified tree professional.

NOTE:

1. Permission for removal of Trees from the Neighbouring landowner(s) is required prior to construction.

TREE REMOVAL:

1. No trees shall be removed prior to municipal approvals of the Tree Management/Tree Preservation Plan.

BOUNDARY TREES:

2. Note that boundary trees are protected under the Ontario Forestry Act. Boundary trees are defined in the Forestry Act (Section 10.2) and are considered shared or co-owned property. The Forestry Act indicates that it is a prosecutable offense for one co-owner to injure or cut down a boundary tree without the other co-owner's

3. Written permission from the neighbouring property owner is required prior to removal or injury of any boundary tree(shared ownership) or any tree that is not fully on the subject property.

4. An ISA certified Arborist should be on site prior to any work being performed within the rootzone of a boundary or neighbouring tree to perform root pruning as required.

## MIGRATORY BIRDS AND NESTS:

1. The Owner and Contractor must be aware of the Migratory Birds Convention Act, 1994 - specifically;
- No free removal or construction activity shall contravene the Act.
  - Construction activities with the potential to harm migratory birds or their nest should be restricted from March 15 to August 31.
  - If work must occur during the migratory bird breeding season, a nest survey should be taken by a qualified avian biologist.
  - A mitigation plan (showing active nests and appropriate buffers) may be required for review and approval by the Canadian Wildlife Services.

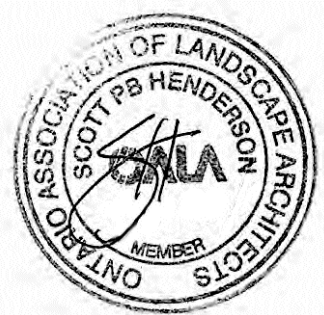
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