

**LEGEND**

- property line
- 2 existing tree number (refer to chart)
- (circle) existing vegetation to remain
- (circle with slash) existing vegetation to be removed
- TFP tree protection fence (with silt fence)



Trees 30-33



Trees 28-29

**NOT FOR CONSTRUCTION**  
ISSUED FOR REVIEW & COMMENTS ONLY

**NOTE:**  
Vegetation inventory undertaken by Jeremy Jackson, ISA Certified Arborist (ON-1089A) on February 21, 2022.

**REVISIONS/ SUBMISSIONS**

#	DATE	DESCRIPTION
1	2022-03-24	Issued for submission



CLIENT  
Graywood Development  
MUNICIPALITY  
Town of Oakville

PROJECT  
2365 - 2377 Lakeshore Road West

MUNICIPAL FILE NUMBER

SHEET  
Tree Protection Plan

L-1

**adesso design inc.**  
landscape architecture

218 Locke Street South, 2nd Floor  
Hamilton, ON L8P 4B4  
1.905.526.8876  
www.adessodesigninc.ca



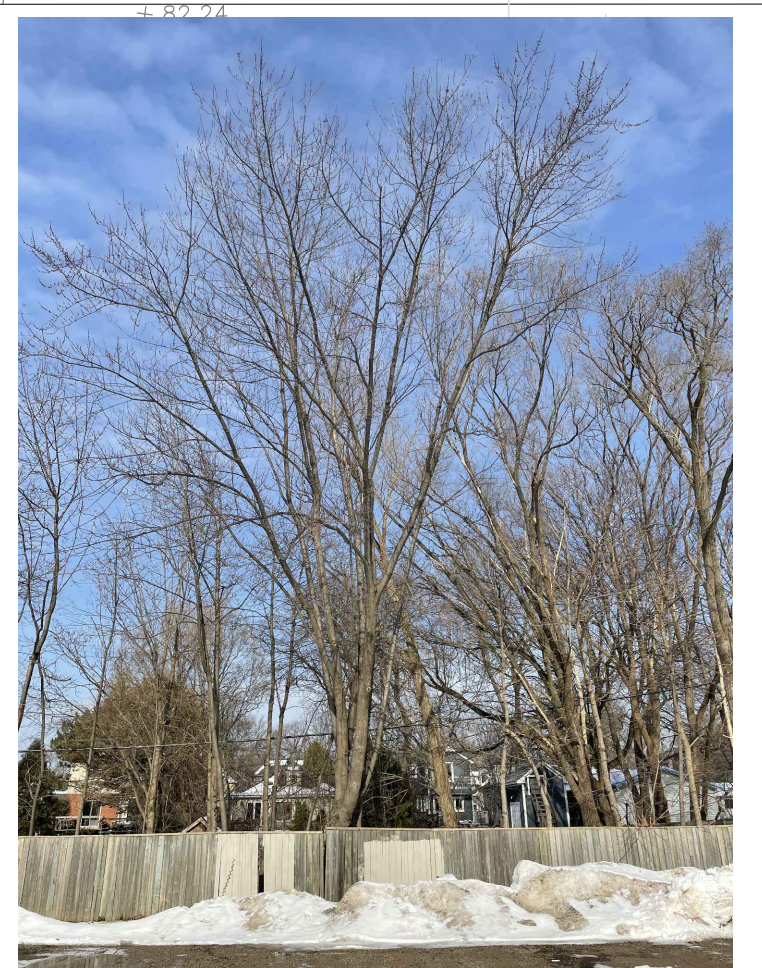
Tree 1-2



Tree 3-5



Tree 4-8



Trees 6-14



Trees 6-23



Trees 16-23



Trees 24-27

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EXISTING VEGETATION IDENTIFICATION TABLE

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CC	mTPZ	Location	Comments	Potential Impact from Construction	Recommendati
1	European Ash	Fraxinus excelsior	~20	P	P	P	CD	2.4	Neighbouring	90% crown dieback	Potentially hazardous tree	Remove
2	Sweet Cherry	Prunus avium	~51	F	P	P	CD	3.6	Neighbouring	Union at 2.5 m, heavy pruning wounds, 70% crown dieback		Remove
3	Silver Maple	Acer saccharinum	~25	F	FG	G	CD	2.4	Neighbouring	Moderate lean east, crook		Save
4	Black Walnut	Juglans nigra	~25	G	G	G	CD	2.4	Subject Property		Grading within root zone	Remove
5	Norway Maple	Acer platanoides	20	G	G	G	CD	2.4	Subject Property	Union at 3 m	Conflit with proposed underground	Remove
6	Norway Maple	Acer platanoides	18	G	G	G	CD	2.4	Subject Property		Conflit with proposed underground	Remove
7	Norway Maple	Acer platanoides	14	G	G	G	CD	2.4	Subject Property		Conflit with proposed underground	Remove
8	Norway Maple	Acer platanoides	16, 13	FG	G	G	I	2.4	Subject Property	Union at ground	Conflit with proposed underground	Remove
9	Norway Maple	Acer platanoides	~15	G	G	G	CD	2.4	Neighbouring			Save
10	Silver Maple	Acer saccharinum	32, 44	FG	G	G	CD	3.0	Subject Property	Union at 0.3 m, lean south	Conflit with proposed building	Remove
11	Silver Maple	Acer saccharinum	19	FG	FG	FG	I	2.4	Subject Property	Bowed north	Grading within root zone	Remove
12	Siberian Elm	Ulmus pumila	43	G	G	G	CD	3.0	Boundary	Light lean northwest	Grading within root zone	Remove
13	Norway Maple	Acer platanoides	13	G	FG	FG	I	2.4	Subject Property		Conflit with proposed building	Remove
14	Norway Maple	Acer platanoides	14, 12	G	G	FG	I	2.4	Subject Property		Conflit with proposed building	Remove
15	Black Walnut	Juglans nigra	12	FG	P	P	S	2.4	Subject Property	Bowed southwest, top cut at 4 m	Conflit with proposed building	Remove
16	Siberian Elm	Ulmus pumila	35, 32	F	FG	G	D	2.4	Subject Property	Union at 1.3 m	Conflit with proposed building	Remove
17	Norway Maple	Acer platanoides	17	G	G	G	I	2.4	Subject Property		Conflit with proposed building	Remove
18	Manitoba Maple	Acer negundo	12	F	P	P	S	2.4	Subject Property	Top cut at 1.8 m	Conflit with proposed building	Remove
19	Norway Maple	Acer platanoides	10	G	G	G	S	1.8	Subject Property	Light seam	Conflit with proposed building	Remove
20	Black Walnut	Juglans nigra	16	G	G	G	I	2.4	Subject Property		Conflit with proposed building	Remove
21	Siberian Elm	Ulmus pumila	61	F	FG	G	D	4.2	Subject Property	Union at 1.7 m, 10% crown dieback	Conflit with proposed building	Remove
22	Manitoba Maple	Acer negundo	18	F	P	P	S	2.4	Subject Property	Sweep, top cut at 1.7 m	Conflit with proposed building	Remove
23	Manitoba Maple	Acer negundo	15	FG	FG	FG	I	2.4	Subject Property	Lean north east	Conflit with proposed building	Remove
24	Siberian Elm	Ulmus pumila	~25, 31, 28	F	F	F	CD	2.4	Neighbouring	Union at 1 m, lean/bowed southwest, 20% crown dieback		Save
25	Siberian Elm	Ulmus pumila	~15, 35	F	F	G	CD	2.4	Neighbouring	Union at ground, lean south		Save
26	Siberian Elm	Ulmus pumila	~35, 25	F	F	F	CD	2.4	Neighbouring	Union at 1 m, 20% crown dieback		Save
27	Norway Maple	Acer platanoides	~35, 20	F	G	G	I	2.4	Neighbouring	Union at ground		Save
28	Silver Maple	Acer saccharinum	~41	F	F	G	CD	3.0	Neighbouring	Heavy pruning wounds with rot, moderate lean /bowed southeast, 10% crown dieback		Save
29	European Ash	Fraxinus excelsior	~18	G	G	G	I	2.4	Neighbouring			Save
30	Green Ash	Fraxinus pennsylvanica	~10, 12	F	F	F	CD	2.4	Neighbouring	Union at 1 m, epicormic branching, EAB infestation		Save
31	Green Ash	Fraxinus pennsylvanica	~15	F	F	F	CD	2.4	Neighbouring	Union at 3 m, EAB infestation		Save
32	Siberian Elm	Ulmus pumila	11	G	G	G	CD	2.4	Neighbouring			Save
33	Siberian Elm	Ulmus pumila	16, 8	FG	FG	G	CD	2.4	Neighbouring	Union at ground		Save

**Table Legend**

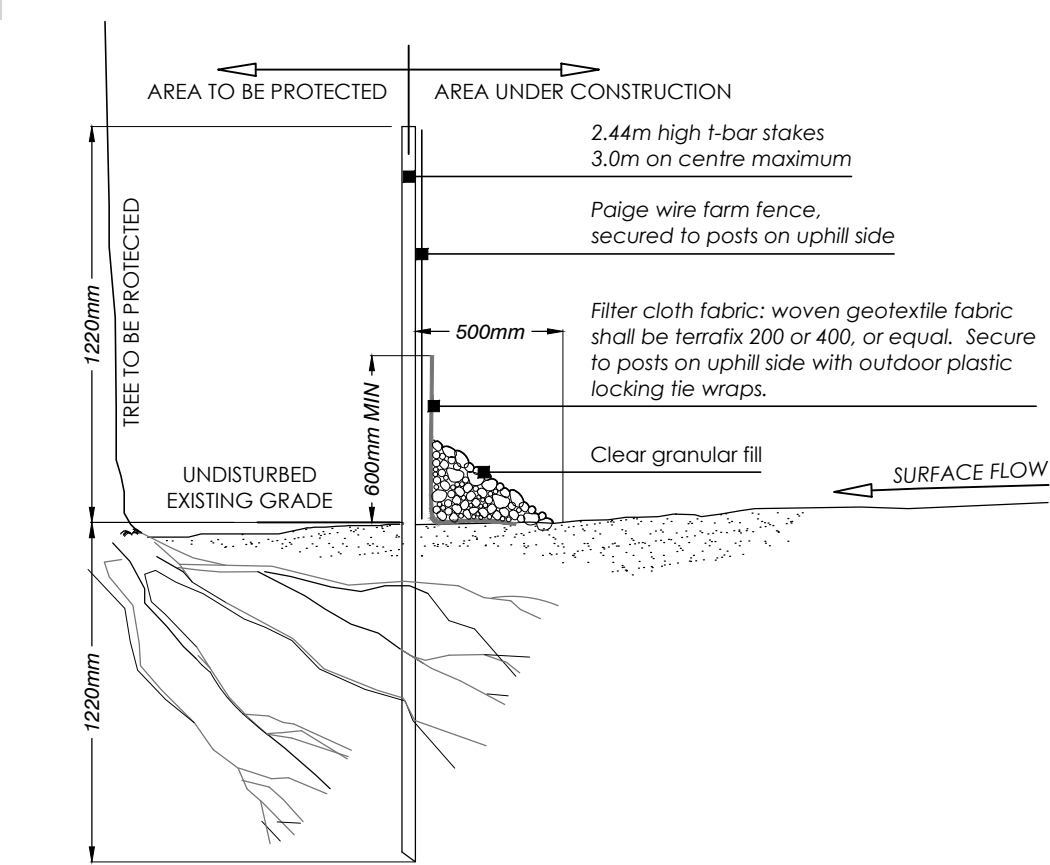
DBH	Diameter at Breast Height (cm)	EAB	Emerald Ash Borer
TI	Trunk Integrity (G, F, P)		Estimate
CS	Crown Structure (G, F, P)		
CV	Crown Vigor (G, F, P)		
DL	Drillings (m)		
mTPZ	Minimum Tree Preservation Zone Distance (m)		
Recom.	Recommendation (preserve/remove)		
G	Good		
F	Fair		
P	Poor		

**MIGRATORY BIRDS AND NESTS:**

- The Owner and Contractor must be aware of the Migratory Birds Convention Act, 1994 - specifically:
  - No tree 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.

**CONDITION OF TREES**

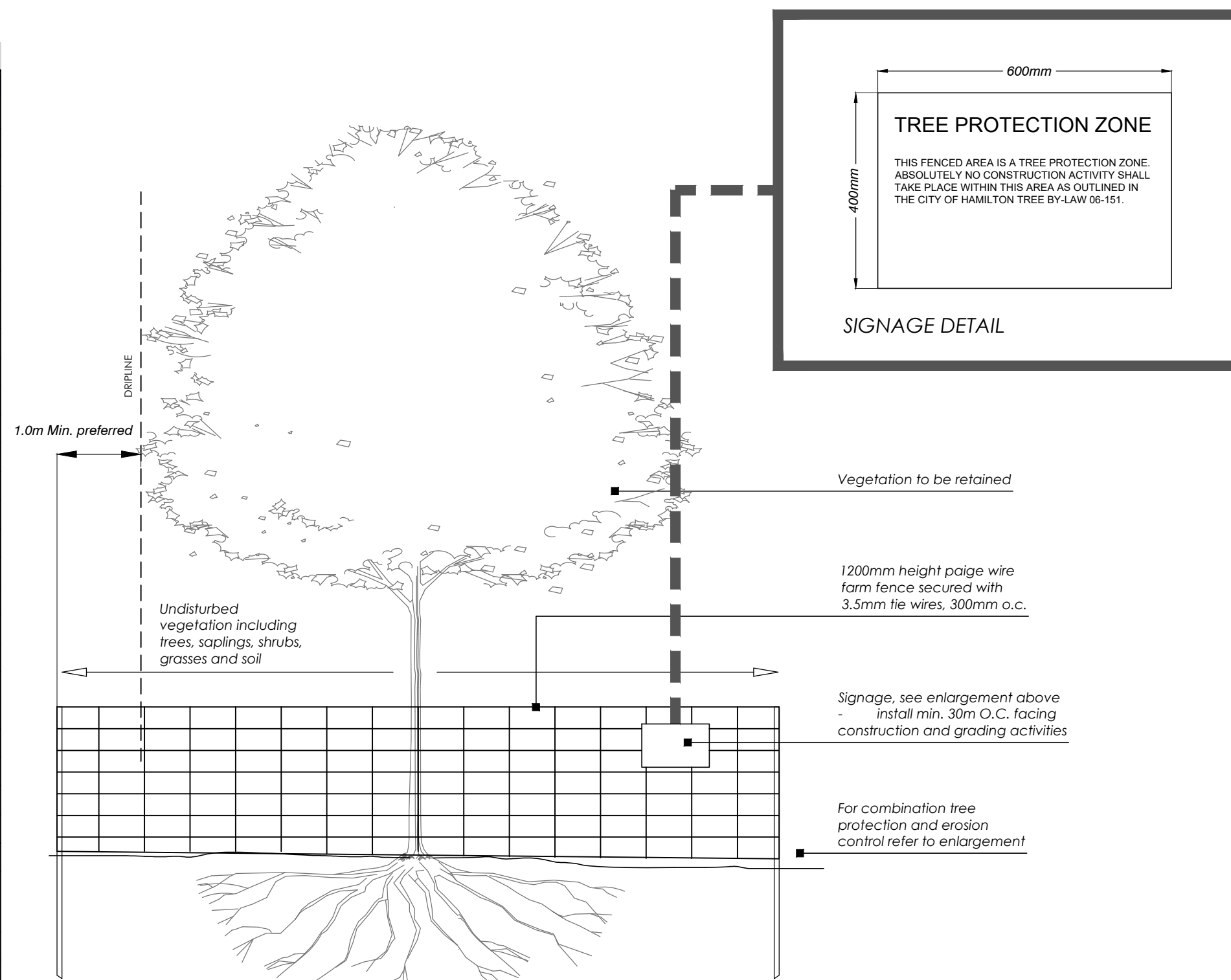
The decision to remove or retain a tree is subject to the forecasted development impacts, the structural condition of the tree (e.g. cracks, cavities, decay, weak branching, leaning, hazard potential), the biological condition of the tree (e.g. pest or disease concerns, overall health) and the suitability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



Tree Protection Fencing (with silt fence)

SCALE: NTS

1  
L-2



**NOTES:**

- The area within the dripline of all existing trees shall be properly protected with temporary fencing.
- The area within the protective fencing shall remain undisturbed with no construction activity, grade changes, surface treatment, compaction, or excavation. Area shall not be used for the storage of building materials or equipment access/storage or project related garbage.
- Tree protection measures shall be installed prior to any demolition, tree removal or construction and shall remain until the completion of fine grading and sodding or seeding.
- Prune all trees for dead, diseased, weak or hazardous branches only; also trim back branches which will interfere with construction, prune for structural restoration where necessary.
- No stockpiles and/or excavated material shall be placed within the tree preservation area.
- No rigging cables shall be wrapped around or installed to trees.
- Where root systems of protected trees are exposed directly adjacent to or damaged by construction work they are to be root pruned and the area back filled with topsoil to prevent root desiccation.
- Any fine grading within the preservation area is to be done by hand; no heavy equipment is permitted within the preservation zone.
- Sediment accumulations to be removed by subcontractor/builder when sediment deposits reach within 150mm of top of filter fabric barrier.
- A copy of the approved and signed Vegetation Management Plan will be on site for the duration of construction and available upon request.
- This detail does not represent any particular tree species.

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STAMP



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MUNICIPALITY  
Town of Oakville

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2365 - 2377 Lakeshore Road West

MUNICIPAL FILE NUMBER

SHEET  
Tree Protection Plan

L-2

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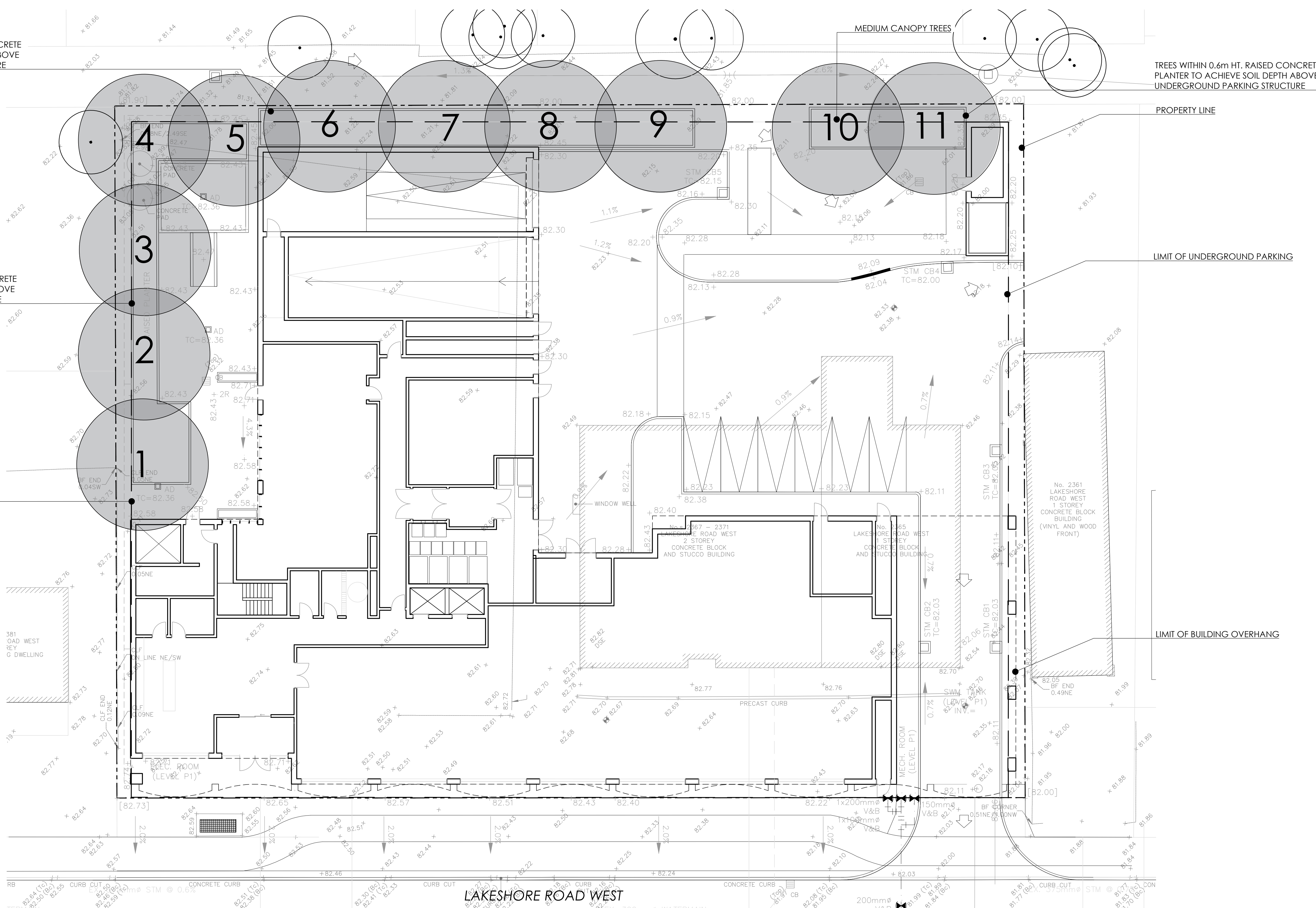


218 Locke Street South, 2nd Floor  
Hamilton, ON L8P 4B4  
t. 905.526.8876  
www.adessodesigninc.ca

TREES WITHIN 0.6m HT. RAISED CONCRETE PLANTER TO ACHIEVE SOIL DEPTH ABOVE UNDERGROUND PARKING STRUCTURE

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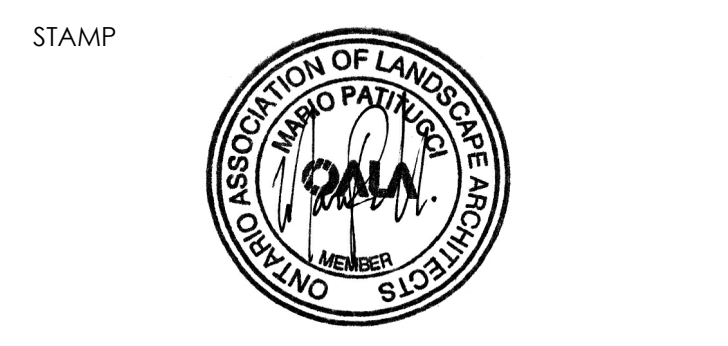


- LEGEND
- property line
  - existing vegetation to remain
  - proposed medium canopy tree
  - existing elevations

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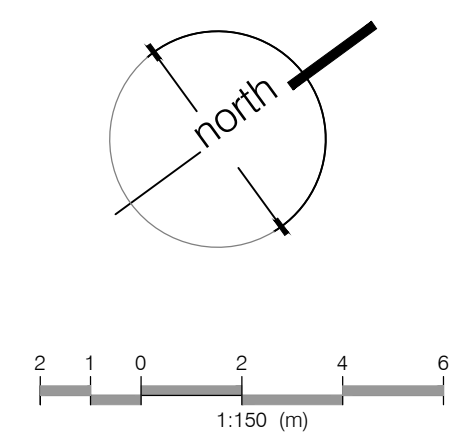
SHEET  
Canopy Coverage Plan L-3

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Hamilton, ON L8P 4B4  
t. 905.526.8876  
www.adessodesigninc.ca

PROPOSED TREE CANOPY COVERAGE CALCULATION CHART

Tree#	Tree Species	# of trees	Soil Volume (meters cubed) per tree	Crown Area (meters squared) per tree	Canopy Area Subtotal (meters squared)
Proposed Medium Stature Trees (10-13m spread)					
1-5	Gleditsia triacanthos intermis 'Sunburst'	5	16.09	78.50	351.33
6	Tilia cordata	1	21.33	78.50	61.11
7	Acer rubrum	1	21.33	78.50	69.89
8	Tilia cordata	1	21.33	78.50	71.63
9	Acer rubrum	1	21.33	78.50	78.50
10	Tilia cordata	1	16.53	78.50	78.50
11	Acer rubrum	1	16.53	78.50	64.24
Total		11	198.83		Total Canopy (775.20sqm)
Canopy Summary					
	Site Area				3683.39 sqm
	Site Canopy Cover				21.6%
	Land use Canopy Cover Target				20.00%



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