

CLIENT
OAKVILLE MUNICIPAL DEVELOPMENT CORPORATION

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Arcadis Professional Services (Canada) Inc.
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ISSUES		
No.	DESCRIPTION	DATE
1	PLANNING SUBMISSION	2023-02-28
2	PLANNING SUBMISSION	2023-10-27
3	XXX	2025-02-06



CONSULTANTS

NOT FOR CONSTRUCTION

SEAL

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PROJECT
OAKVILLE PROPOSED DEVELOPMENT
 2274 & 2320 TRAFALGAR RD,
 OAKVILLE, ON

PROJECT NO:
140098

DRAWN BY: T.KEMP	CHECKED BY: Z.BROWN
PROJECT MGR: S.RODRIGUEZ	APPROVED BY: Z.BROWN

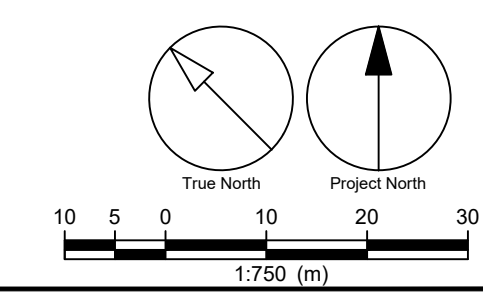
SHEET TITLE
TREE PROTECTION PLAN

SHEET NUMBER TPP-1	ISSUE 2
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LEGEND

- MINIMUM PROTECTION ZONE
- EX. DECIDUOUS TREE TO REMAIN
- EX. CONIFEROUS TREE TO REMAIN
- EX. DECIDUOUS TREE TO BE REMOVED
- EX. CONIFEROUS TREE TO BE REMOVED
- TREE PRESERVATION FENCING SEE DETAIL 1, TPD-2
- TREE GROUP
- TREE TAG / IDENTIFICATION

FOR EXISTING TREE IDENTIFICATION TABLE REFER TO TPD-1 AND TREE PRESERVATION DETAILS REFER TO TPD-2



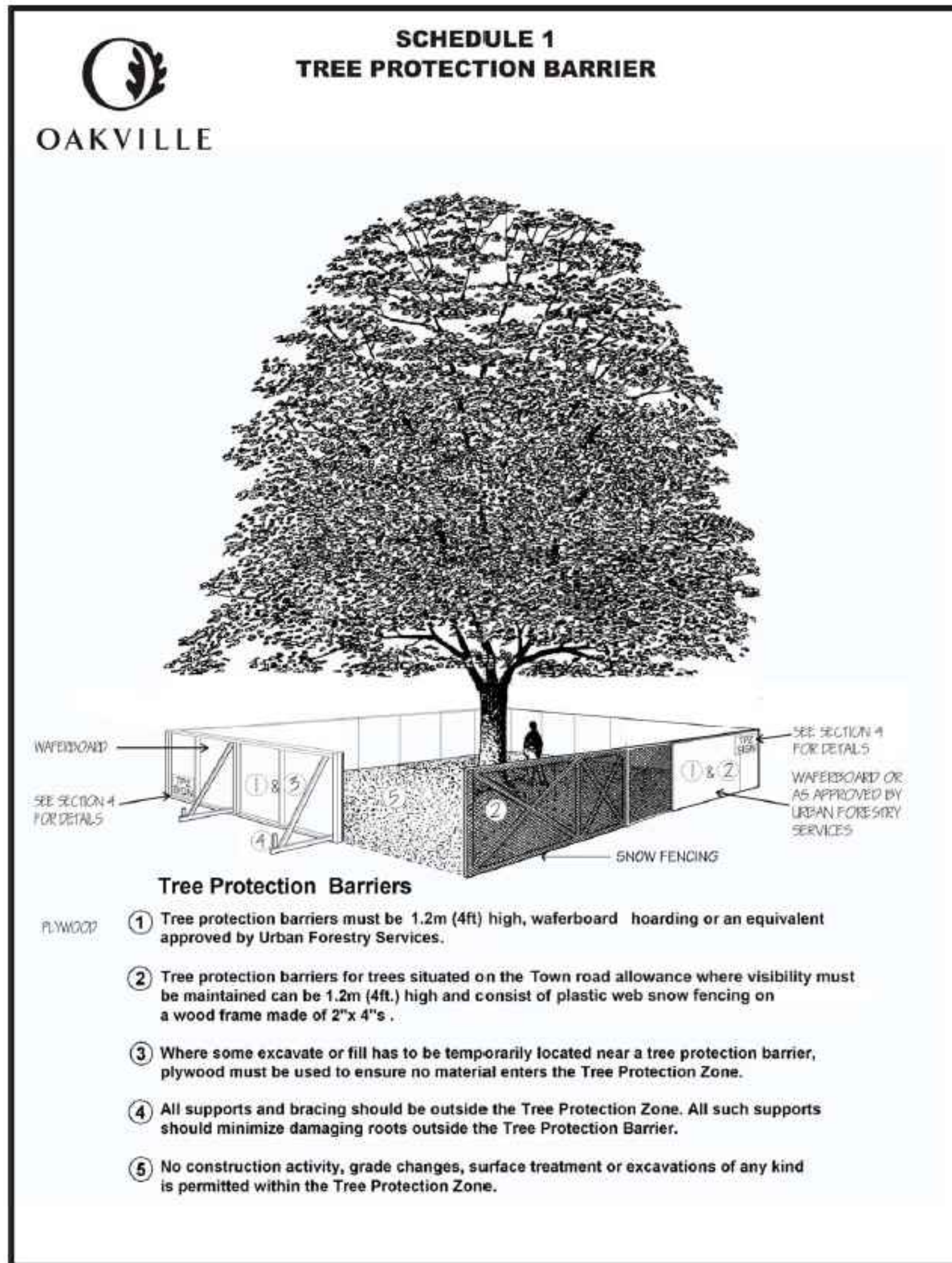
File Location: J:\140098_Oakville\05_Landscape\Sheets\140098TPP.dwg Last Saved: February 6, 2025, by temp44336 Plotted: February 7, 2025 1:38:17 PM by Kemp, Taylor

EXISTING TREE IDENTIFICATION TABLE

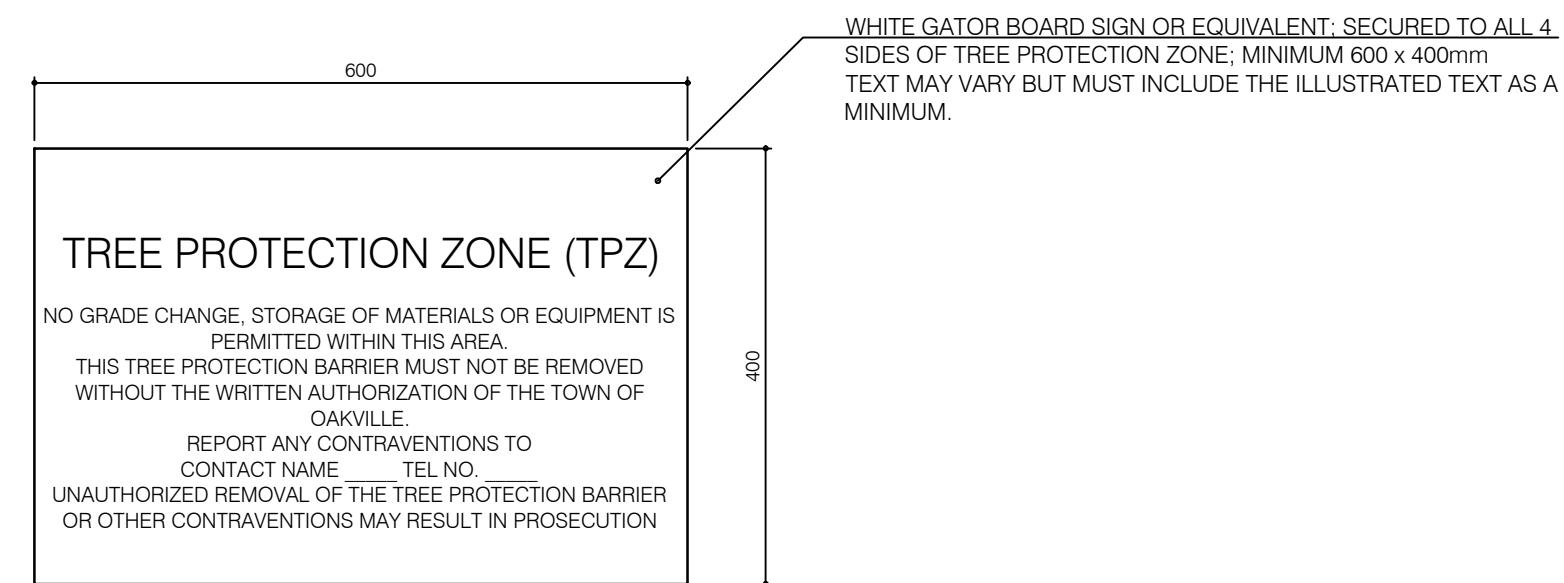
TREE NO. OR GRP	BOTANICAL NAME	COMMON NAME	DBH (cm)	CONDITION	MINIMUM TREE PROTECTION ZONE (MTPZ) (m)	OWNERSHIP	IMPACTS OF DEVELOPMENT (1)	RECOMMENDATION (6)	COMMENTS (6)	
280	RHAMNUS CATHARTICA	BUCKTHORN	16.0	F	2.4	S	NONE: INVASIVE SPECIES REMOVAL	R		
281	FRAXINUS SP.	ASH TREE	32.0	F	2.4	S	IMPACTED: PROPOSED BUILDING, GRADING	R		
282	RHAMNUS CATHARTICA	BUCKTHORN	13.0	F	2.4	S	IMPACTED: PROPOSED GRADING, INVASIVE SPECIES REMOVAL	R		
283	ULMUS AMERICANA	AMERICAN ELM	15.5	F	2.4	S	IMPACTED: PROPOSED GRADING	R		
284	FRAXINUS SP.	ASH TREE	10.0	P	1.8	S	IMPACTED: PROPOSED BUILDING	R		
285	PICEA GLAUCA	WHITE SPRUCE	62.5	G	4.2	S	IMPACTED: PROPOSED BUILDING, 1.5m SIDEWALK	R	NOT TAGGED	
286	ROBINIA PSEUDIACACIA	BLACKLOCUST	46.5	F	3.0	S	IMPACTED: PROPOSED ROAD, SANITATION, STORMWATER	R		
287	ROBINIA PSEUDIACACIA	BLACKLOCUST	14.0	F	2.4	S	IMPACTED: PROPOSED ROAD, SANITATION, STORMWATER	R	SLIGHT LEAN	
288	PRUNUS SEROTINA	BLACK CHERRY	10.0	F	1.8	S	IMPACTED: PROPOSED BUILDING	R		
289	POPULUS TREMULOIDES	QUAKING ASPEN	13.5	P	2.4	S	IMPACTED: PROPOSED BUILDING	R		
290	POPULUS DELTOIDES	EASTERN COTTONWOOD	12.5	F	2.4	A	IMPACTED: PROPOSED GRADING	R		
291	ELAEGNUS ANGUSTIFOLIA	RUSSIAN OLIVE	14.5	F	2.4	S	IMPACTED: PROPOSED BUILDING	R		
292	SALIX SP.	WILLOW TREE	32.6	F	2.4	S	IMPACTED: PROPOSED BUILDING, 1.5m SIDEWALK	R		
293	FRAXINUS SP.	ASH TREE	14.5	F	2.4	S	IMPACTED: PROPOSED BUILDING	R		
294	ACER SACCHARUM	SUGAR MAPLE	24.5	G	2.4	S	IMPACTED: PROPOSED BUILDING	R		
295	RHAMNUS CATHARTICA	BUCKTHORN	13.5	F	2.4	S	IMPACTED: PROPOSED BUILDING	R		
296	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	30.0	F	2.4	S	IMPACTED: PROPOSED BUILDING	R		
297	ACER SACCHARUM	SUGAR MAPLE	26.0	F	2.4	S	IMPACTED: PROPOSED BUILDING, DRIVEWAY	R		
298	PINUS NIGRA	AUSTRIAN PINE	57.0	F	3.6	S	NONE	P		
299	ACER SACCHARUM	SUGAR MAPLE	21.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R		
301	ACER NEGUNDO	BOXELDER MAPLE	25.5	F	2.4	S	IMPACTED: PROPOSED GRADING	R		
302	ACER SACCHARUM	SUGAR MAPLE	33.5	F	2.4	S	IMPACTED: PROPOSED GRADING	R		
303	RHAMNUS CATHARTICA	BUCKTHORN	36.5	F	2.4	S	IMPACTED: PROPOSED BUILDING, INVASIVE SPECIES REMOVAL	R		
304	ROBINIA PSEUDIACACIA	BLACKLOCUST	45.0	F	3.0	S	IMPACTED: PROPOSED BUILDING	R		
305	RHAMNUS CATHARTICA	BUCKTHORN	28.0	F	2.4	S	IMPACTED: PROPOSED BUILDING, INVASIVE SPECIES REMOVAL	R		
1270	GLEDITSIA TRICANTHOS	THORNLESS HONEYLOCUST	31.5	G	2.4	S	IMPACTED: PROPOSED GRADING	R		
1271	PICEA GLAUCA	WHITE SPRUCE	32.0	F	2.4	A	IMPACTED: PROPOSED GRADING	R		
1272	(DEAD)		12.5	D		S	NONE: REMOVE DUE TO CONDITION	R		
1273	CRATAEGUS SP.	HAWTHORN TREE	26.0	F	2.4	S	NONE	P		
1274	PYRUS SP.	PEAR TREE	17.0	F	2.4	S	NONE	P		
1276	ULMUS SP.	ELM TREE	26.0	P	2.4	S	NONE	P		
1278	(DEAD)		22.0	D		S	NONE	P		
1279	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	24.5	G	2.4	S	IMPACTED: PROPOSED DRIVEWAY	R		
1280	(DEAD)		12.5	D		S	IMPACTED: PROPOSED UTILITY EASEMENT	R		
1281	GLEDITSIA TRICANTHOS	THORNLESS HONEYLOCUST	13.5	F	2.4	A	NONE	P		
1282	ULMUS SP.	ELM TREE	21.5	G	2.4	S	LIMITED: INJURY DUE TO REMOVAL OF G28	P		
3000	ACER SACCHARINUM	SILVER MAPLE	32.0	G	2.4	A	NONE	P		
3003	ACER SACCHARINUM	SILVER MAPLE	23.0	G	2.4	A	NONE	P		
9010	ULMUS SP.	ELM TREE	26.0	F	2.4	M	NONE	P		
9011	ULMUS SP.	ELM TREE	17.5	F	2.4	M	NONE	P		
9012	CELTIS OCCIDENTALIS	HACKBERRY	10.5	F	1.8	M	NONE	P		
9013	ACER PLATANOIDES	NORWAY MAPLE	21.0	F	2.4	M	NONE	P		
9014	ACER PLATANOIDES	NORWAY MAPLE	15.5	F	2.4	M	NONE	P		
9015	ULMUS SP.	ELM TREE	14.0	F	2.4	M	NONE	P		
9016	ULMUS SP.	ELM TREE	17.5	F	2.4	M	NONE	P		
9017	QUERCUS BICOLOR	SWAMP WHITE OAK	12.5	F	2.4	M	NONE	P		
9018	RHAMNUS CATHARTICA	BUCKTHORN	40.0	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R		
9019	ACER NEGUNDO	BOXELDER MAPLE	19.7	F	2.4	S	IMPACTED: PROPOSED ROAD	R		
G1	a	POPULUS TREMULOIDES	QUAKING ASPEN	21.5	G	2.4	S	IMPACTED: PROPOSED GRADING	R	
	b	POPULUS TREMULOIDES	QUAKING ASPEN	12.5	G	2.4	S	IMPACTED: PROPOSED GRADING	R	
	c	POPULUS TREMULOIDES	QUAKING ASPEN	11.5	G	2.4	S	IMPACTED: PROPOSED BUILDING	R	
	d	POPULUS TREMULOIDES	QUAKING ASPEN	12.5	G	2.4	S	IMPACTED: PROPOSED BUILDING	R	
G2	a	RHAMNUS CATHARTICA	BUCKTHORN	24.0	F	2.4	S	IMPACTED: PROPOSED GRADING, INVASIVE SPECIES REMOVAL	R	
	b	RHAMNUS CATHARTICA	BUCKTHORN	28.0	G	2.4	S	IMPACTED: PROPOSED GRADING, INVASIVE SPECIES REMOVAL	R	
G3	a	PINUS NIGRA	AUSTRIAN PINE	46.0	F	3.0	S	LIMITED: GRADING TO SURROUNDING AREA	P	
	b	PINUS NIGRA	AUSTRIAN PINE	44.0	F	3.0	S	LIMITED: GRADING TO SURROUNDING AREA	P	
G4	a	ACER SACCHARINUM	SILVER MAPLE	64.5	P	4.2	S	IMPACTED: PROPOSED GRADING	R	
	b	ACER SACCHARINUM	SILVER MAPLE	57.0	F	3.6	S	IMPACTED: PROPOSED GRADING	R	
G5	a	RHAMNUS CATHARTICA	BUCKTHORN	31.5	G	2.4	S	IMPACTED: PROPOSED 1.5m SIDEWALK, INVASIVE SPECIES	R	
	b	RHAMNUS CATHARTICA	BUCKTHORN	20.0	F	2.4	S	IMPACTED: PROPOSED ROAD, SANITATION, INVASIVE SPECIES	R	
G6	a	PICEA GLAUCA	WHITE SPRUCE	42.5	G	3.0	S	IMPACTED: PROPOSED BUILDING, 1.5m SIDEWALK	R	
	b	PICEA GLAUCA	WHITE SPRUCE	45.0	G	3.0	S	IMPACTED: PROPOSED BUILDING	R	
G7	a	PICEA GLAUCA	WHITE SPRUCE	56.0	F	3.6	S	IMPACTED: PROPOSED BUILDING	R	
	b	PICEA GLAUCA	WHITE SPRUCE	36.0	F	2.4	S	IMPACTED: PROPOSED BUILDING	R	
	c	PICEA GLAUCA	WHITE SPRUCE	45.0	F	3.0	S	IMPACTED: PROPOSED BUILDING	R	
	d	PICEA GLAUCA	WHITE SPRUCE	52.0	F	3.6	S	IMPACTED: PROPOSED BUILDING	R	
	e	PICEA GLAUCA	WHITE SPRUCE	36.0	P	2.4	S	IMPACTED: PROPOSED BUILDING	R	
	f	PICEA GLAUCA	WHITE SPRUCE	42.5	P	3.0	S	IMPACTED: PROPOSED BUILDING, SANITATION, STORMWATER, 1.5m SIDEWALK	R	
G8	a	(DEAD)		34.0	D		S	IMPACTED: PROPOSED BUILDING	R	
	b	(DEAD)		28.0	D		S	IMPACTED: PROPOSED BUILDING	R	
	c	QUERCUS RUBRA	RED OAK	42.0	F	3.0	S	IMPACTED: PROPOSED BUILDING	R	
	d	QUERCUS RUBRA	RED OAK	42.5	G	3.0	S	IMPACTED: PROPOSED BUILDING	R	
G9	a	PINUS SYLVESTRIS	SCOTS PINE	52.0	F	3.6	S	IMPACTED: PROPOSED BUILDING	R	
	b	PINUS SYLVESTRIS	SCOTS PINE	48.0	P	3.0	S	IMPACTED: PROPOSED BUILDING	R	
	c	PINUS SYLVESTRIS	SCOTS PINE	52.0	F	3.6	S	IMPACTED: PROPOSED BUILDING	R	
G10	a	SALIX SP.	WILLOW TREE	16.5	P	2.4	S	IMPACTED: PROPOSED BUILDING	R	
	b	SALIX SP.	WILLOW TREE	15.0	P	2.4	S	IMPACTED: PROPOSED BUILDING	R	
	c	SALIX SP.	WILLOW TREE	14.0	P	2.4	S	IMPACTED: PROPOSED BUILDING	R	
	d	SALIX SP.	WILLOW TREE	17.5	P	2.4	S	IMPACTED: PROPOSED BUILDING	R	
G11	a	ACER SACCHARUM	SUGAR MAPLE	30.0	G	2.4	S	IMPACTED: PROPOSED 1.5m SIDEWALK	R	
	b	ACER SACCHARUM	SUGAR MAPLE	18.0	F	2.4	S	IMPACTED: PROPOSED 1.5m SIDEWALK	R	
G12	a	PINUS NIGRA	AUSTRIAN PINE	36.0	F	2.4	S	IMPACTED: PROPOSED 1.5m SIDEWALK	R	
	b	PINUS NIGRA	AUSTRIAN PINE	46.0	F	3.0	S	IMPACTED: PROPOSED ROAD	R	
	c	PINUS NIGRA	AUSTRIAN PINE	52.0	F	3.6	S	IMPACTED: PROPOSED ROAD	R	
G13	a	GLEDITSIA TRICANTHOS	THORNLESS HONEYLOCUST	20.0	F	2.4	S	IMPACTED: PROPOSED BUILDING	R	
	b	(DEAD)		26.0	D		S	IMPACTED: PROPOSED BUILDING	R	
	c	GLEDITSIA TRICANTHOS	THORNLESS HONEYLOCUST	23.0	F	2.4	S	IMPACTED: PROPOSED BUILDING, SIDEWALK	R	
G14	a	ELAEGNUS ANGUSTIFOLIA	RUSSIAN OLIVE	26.5	G	2.4	S	IMPACTED: PROPOSED ROAD	R	
	b	ELAEGNUS ANGUSTIFOLIA	RUSSIAN OLIVE	21.0	F	2.4	S	IMPACTED: PROPOSED ROAD	R	
	c	ELAEGNUS ANGUSTIFOLIA	RUSSIAN OLIVE	22.0	F	2.4	S	IMPACTED: PROPOSED ROAD, STORMWATER	R	
	d	ELAEGNUS ANGUSTIFOLIA	RUSSIAN OLIVE	43.5	F	A	S	IMPACTED: PROPOSED 1.5m SIDEWALK, STORMWATER	R	
	e	ELAEGNUS ANGUSTIFOLIA	RUSSIAN OLIVE	26.0	F	2.4	S	IMPACTED: PROPOSED 1.5m SIDEWALK	R	
	f	ELAEGNUS ANGUSTIFOLIA	RUSSIAN OLIVE	15.5	P	2.4	S	IMPACTED: PROPOSED 1.5m SIDEWALK	R	
	g	ELAEGNUS ANGUSTIFOLIA	RUSSIAN OLIVE	32.0	F	2.4	S	IMPACTED: PROPOSED 1.5m SIDEWALK	R	
G15	a	LARIX SP.	LARCH TREE	45.0	F	3.0	S	IMPACTED: PROPOSED BUILDING	R	
	b	LARIX SP.	LARCH TREE	32.0	P	2.4	S	IMPACTED: PROPOSED BUILDING	R	
G16	a	RHAMNUS CATHARTICA	BUCKTHORN	21.0	F	2.4	S	IMPACTED: PROPOSED BUILDING	R	
	b	RHAMNUS CATHARTICA	BUCKTHORN	18.5	F	2.4	S	IMPACTED: PROPOSED BUILDING	R	
G17	a	PINUS NIGRA	AUSTRIAN PINE	56.0	F	3.6	S	IMPACTED: PROPOSED BUILDING	R	
	b	PINUS NIGRA	AUSTRIAN PINE	50.5	F	3.6	S	IMPACTED: PROPOSED BUILDING	R	

EXISTING TREE IDENTIFICATION TABLE

TREE NO. OR GRP	BOTANICAL NAME	COMMON NAME	DBH (cm)	CONDITION	MINIMUM TREE PROTECTION ZONE (MTPZ) (m)	OWNERSHIP	IMPACTS OF DEVELOPMENT (1)	RECOMMENDATION (6)	COMMENTS (6)	
G18	a	ACER NEGUNDO	BOXELDER MAPLE	26.0	F	2.4	S	IMPACTED: PROPOSED BUILDING	R	SEVERE LEAN
	b	(DEAD)		32.0	D	2.4	S	IMPACTED: PROPOSED BUILDING, REMOVE DUE TO CONDITION	R	
	c	(DEAD)		19.0	D	2.4	S	IMPACTED: PROPOSED BUILDING, REMOVE DUE TO CONDITION	R	
	d	ACER NEGUNDO	BOXELDER MAPLE	22.0	F	2.4	S	IMPACTED: PROPOSED BUILDING, REMOVE DUE TO CONDITION	R	
	e	(DEAD)		20.0	D	2.4	S	REMOVED DUE TO CONDITION	R	
	f	(DEAD)		17.5	D	2.4	S	REMOVED DUE TO CONDITION	R	
G19	a	PINUS NIGRA	AUSTRIAN PINE	72.0	F	4.8	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	b	PINUS NIGRA	AUSTRIAN PINE	53.0	F	3.6	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	c	PINUS NIGRA	AUSTRIAN PINE	34.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	d	PINUS NIGRA	AUSTRIAN PINE	76.5	F	4.8	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	e	PINUS NIGRA	AUSTRIAN PINE	52.0	F	3.6	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	f	PINUS NIGRA	AUSTRIAN PINE	56.5	F	3.6	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
G20	a	(DEAD)		17.5	D		S	IMPACTED: PROPOSED GRADING, REMOVE DUE TO CONDITION	R	
	b	FRAXINUS SP.	ASH TREE	35.0	F	2.4	S	IMPACTED: PROPOSED GRADING	R	
G21	a	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	21.0	F	2.4	S	IMPACTED: PROPOSED GRADING	R	
	b	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	17.0	F	2.4	S	IMPACTED: PROPOSED GRADING	R	
	c	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	25.0	F	2.4	S	IMPACTED: PROPOSED GRADING	R	
G22	a	PINUS NIGRA	AUSTRIAN PINE	31.5	F	2.4	S	IMPACTED: PROPOSED BUILDING	R	
	b	PINUS NIGRA	AUSTRIAN PINE	32.0	F	2.4	S	IMPACTED: PROPOSED BUILDING	R	
G23	a	ACER SACCHARINUM	SILVER MAPLE	26.0	P	2.4	A	IMPACTED: PROPOSED GRADING	R	
	b	ACER SACCHARINUM	SILVER MAPLE	17.0	P	2.4	A	IMPACTED: PROPOSED GRADING	R	
G24	a	RHAMNUS CATHARTICA	BUCKTHORN	15.5	F	2.4	S	NONE	P	
	b	RHAMNUS CATHARTICA	BUCKTHORN	12.5	G	2.4	S	NONE	P	SEVERE LEAN
	c	RHAMNUS CATHARTICA	BUCKTHORN	41.0	F	3.0	S	NONE	P	
G25	a	FRAXINUS SP.	ASH TREE	12.5	P	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	b	FRAXINUS SP.	ASH TREE	10.5	P	1.8	S	NONE	P	
G26	a	ROBINIA PSEUDIACACIA	BLACKLOCUST	20.0	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	b	ROBINIA PSEUDIACACIA	BLACKLOCUST	32.0	G	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	c	ROBINIA PSEUDIACACIA	BLACKLOCUST	14.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	d	ROBINIA PSEUDIACACIA	BLACKLOCUST	26.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	e	ROBINIA PSEUDIACACIA	BLACKLOCUST	31.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	f	ROBINIA PSEUDIACACIA	BLACKLOCUST	13.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	g	ROBINIA PSEUDIACACIA	BLACKLOCUST	14.5	G	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	h	ROBINIA PSEUDIACACIA	BLACKLOCUST	12.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	i	ROBINIA PSEUDIACACIA	BLACKLOCUST	18.0	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	j	ROBINIA PSEUDIACACIA	BLACKLOCUST	18.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	k	ROBINIA PSEUDIACACIA	BLACKLOCUST	19.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	l	ROBINIA PSEUDIACACIA	BLACKLOCUST	16.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	m	ROBINIA PSEUDIACACIA	BLACKLOCUST	10.5	F	1.8	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
	n	ROBINIA PSEUDIACACIA	BLACKLOCUST	25.5	F	2.4	S	IMPACTED: PROPOSED UTILITY EASEMENT	R	
G27	a	(DEAD)		42.0	D		S	NONE	P	
	b	(DEAD)		32.0						



1 TREE PROTECTION BARRIER DETAIL
TPD-2 N.T.S



2 TPZ SIGN DETAIL
TPD-2 N.T.S

Trunk Diameter (DBH) ^{1,2}	Minimum Protection Distances Required ³
<10 cm	1.8 m
10-30 cm	2.4 m
31-50 cm	3.0 m
51-60 cm	3.6 m
61-70 cm	4.2 m
71-80 cm	4.8 m
81-90 cm	5.4 m
91-100 cm	6.0 m

3 MINIMUM TREE PROTECTION ZONE (MPTZ) REQUIRED
TPD-2 N.T.S

TREE PROTECTION NOTES:

- The Tree Protection Zone
 - The Tree Protection Zone (TPZ) is the minimum setback required to maintain the structural integrity of the tree's anchor roots, based on generally accepted arboricultural principles. If trees are protected to the TPZ then the tree's anchor root structure is expected to be maintained.
 - No unauthorized activities may take place within the TPZ of a tree covered under any municipal permit process or agreement. The chart (Detail 4 above) shows the TPZ. Some trees and site conditions may require a greater setback at the Town's discretion.
 - For trees over 100 cm DBH, add 10 cm to the TPZ for every one centimetre of DBH.
 - Roots can extend from the trunk to 2-3 times the distance of the drip line (see Detail 1 for further information).
 - Diameter at breast height (DBH) measurement of tree trunk taken at 1.37 metres above ground.
 - Tree Protection Zone distances are to be measured from the outside edge of the tree base towards the drip line and may be limited by an existing paved surface, provided the existing paved surface remains intact throughout the construction work.
- Tree Protection Barriers
 - Trees within or adjacent to a construction site must be protected during construction by means of a barrier installed in accordance with the table in section 1 and meet the following specifications:
 - Tree protection barriers must be erected prior to the commencement of any construction activity that may injure a tree on the site and are to remain in place throughout the entire duration of the project. The applicant shall notify the appropriate Town department in writing prior to commencing any such activities to confirm that the tree protection barriers are in place.
 - The tree protection barriers specified herein must remain in a condition satisfactory to the Town until all site activities including landscaping are complete.
 - Authorization from the appropriate Town department must be obtained prior to the removal of tree protection barriers.
 - If some fill or excavated material must be temporarily located near the tree protection barrier, a wooden barrier must be used to ensure no material enters the TPZ.
 - A sign, provided by the Town that is similar to the illustration above (Detail 2) will be paid for by the application and mounted on one side of a tree protection barrier for the duration of the project.
 - Tree protection permit and/or agreement - authorization from the town
- For trees covered under this procedure, written authorization from the town is required in the form of either a Tree Protection Agreement, or a Tree Protection Zone Encroachment Permit or a Tree Permit; and the applicant is required to have a town approved tree service raise the crown of all branches to provide adequate clearance for construction equipment.
 - Tree Protection Agreement (TPA): The applicant is required to enter into a Tree Protection Agreement when construction activities take place outside of the TPZ area as determined by Town Forester or designate. Should the town determine that a tree protection agreement is required, a tree protection agreement fee shall be charged to the applicant in accordance with the established town fees.
 - Tree Protection Zone Encroachment Permit (TPZEP) - Schedule 2 (Application)
 - It is recognized that there are cases where existing or proposed utilities, capital infrastructure or buildings are located within the TPZ of a tree impacted by construction. The expectation is for the project design to respect the TPZ, however, in cases where the proposed construction impacts the area within the TPZ, the applicant shall demonstrate, with appropriate supporting documentation, that the impact on the structural integrity of the anchor roots will be within acceptable limits to avoid creating a hazardous tree.
 - A Tree Protection Zone Encroachment Permit is required when construction activities take place within the TPZ. An Application for TPZEP must be submitted to the Town of Oakville prior to anticipated construction start date. No other permit, agreement and/or consent issued by the Town authorizes working inside the tree protection zone of a Town Tree.
 - An arborist must be present on site at all times when work is within the TPZ. The schedule of inspections must comply with Section 7 set out herein. Above ground clearance for overhanging branches in the work zone must be taken into consideration. The applicant is required to have a Town approved tree service raise the crown of all branches to provide adequate clearance for construction equipment.
 - The Town specifies the non-invasive methods of excavation including but not limited to air spade, hydro vac, hand digging to minimize the damage to the health and structure of the trees.
 - Root pruning in open trench methods of construction is required under the direction of - and along with - written approval of an arborist. The objective is to minimize severance of anchor roots, which provide upright support for the tree, thereby minimizing potential hazards.
 - Emergency repairs due to underground utilities are permitted to commence immediately. However, the utility company concerned is responsible for notifying the Town as soon as possible when Town trees are involved.
 - Tree Permit (TP): Where the impact on the structural integrity of anchor roots is beyond acceptable limits and may cause a hazardous tree:
 - the tree may be removed in accordance with the applicable by-law; or
 - in the case of a town tree, the applicant shall bear the cost of the tree and stump removal as well as payment of the amenity value of the tree as calculated in accordance with the most recent International Society of Arboriculture's Guide for Plan Appraisal.
- Compliance with this procedure
 - Failure to comply with this procedure may result in one or more of the following:
 - An Order to Comply
 - Loss of security in whole or in part
 - Prosecution under an applicable by-law
 - Additional remedial costs as determined by the town
 - Invasive species removal - Buckthorn (*Rhamnus cathartica*): Removal will be mechanical control. Branches and berries shall be removed first and secured, to prevent spread, prior to tree removal. The entire specimen is to be removed, ensuring that any suckers or nearby isolated populations, within the subject site, and the entire root system are also removed. Care must be taken not to leave branches, roots, and berries within the site. Disposal shall be off-site in sealed packaging. Removals shall not be placed in composting or yard waste disposal.

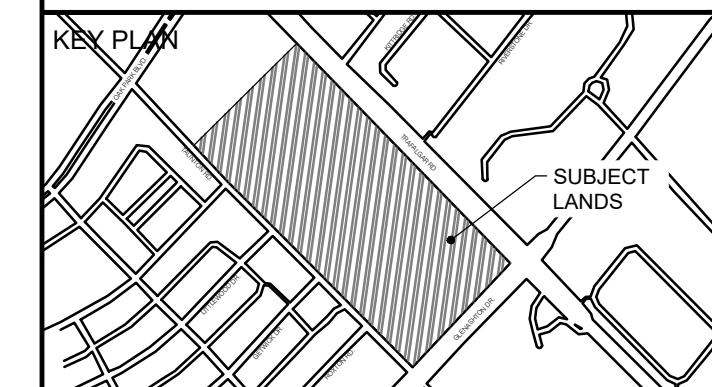
4 TREE PROTECTION NOTES (from EN-TRE-001-001 - MODIFIED)
TPD-2 N.T.S

CLIENT
OAKVILLE MUNICIPAL DEVELOPMENT CORPORATION

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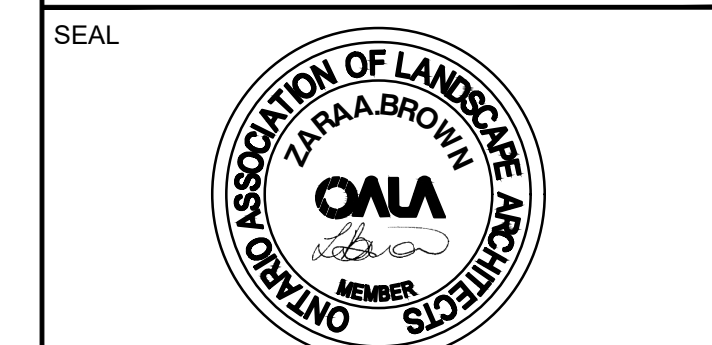
ISSUES

No.	DESCRIPTION	DATE
1	PLANNING SUBMISSION	2023-02-28
2	PLANNING SUBMISSION	2023-10-27
3	XXX	2025-02-06



CONSULTANTS

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PROJECT NO:
140098

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PROJECT MGR: S.RODRIGUEZ	APPROVED BY: Z.BROWN

SHEET TITLE
TREE PROTECTION DETAILS

SHEET NUMBER TPD-2	ISSUE 3
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