

ARBORIST REPORT

3110 South Service Road, Burlington, ON

Date: February 10, 2026



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Prepared by:
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B.Es, MLA, ISA Certified Arborist ON-2578A

BACKGROUND

The Subject Site is located on the south side of South Service Road, adjacent to Highway 403 (Queen Elizabeth Way) in Burlington Ontario. The site has an existing one-story food service establishment surrounded by an asphalt parking surface. Adjacent land uses include other food service and hospitality establishments, as well as small to medium size commercial properties.

The proposed work includes demolition of existing pavement and structures, excavation and construction of a two-storey data centre, and grading and paving for a surface parking facility.

This report, along with the accompanying Tree Protection Plan (by adesso design inc.), intends to satisfy the City of Burlington requirements for an Arborist Report and any necessary tree-related permit applications.

All trees included in this report were originally inventoried on October 18th 2021 and re-inventoried on February 6th 2026 by Carleigh Pope, ISA Certified Arborist ON-2578A.

METHODS

Trunk size was measured as diameter at breast height (DBH, measured 1.37 m above grade), in accordance with protocols set by the International Society of Arboriculture and adopted by the City of Burlington.

All private trees with a trunk diameter equal to or greater than the minimum 10 cm DBH have been included in this report; all Public Trees in the vicinity of the proposed work have been included, regardless of DBH measurement. As per the City's Private Tree Preservation By-Law, the total DBH of trees with multiple stems has been calculated as the square root of the summed squares of all stems. For the purposes of this report, tree ownership is defined as:

1. "Subject Site Tree": Trees with stem(s) situated on the subject site property,
2. "Neighbouring Tree": Trees with stem(s) situated on adjacent private property
3. "Public Tree": Trees with stem(s) situated on City-owned land adjacent the subject site.
4. "Boundary Tree": Trees with stem(s) from the ground level to the first branch straddles or bi-sects the property line of a lot

This report documents the following:

- Biological data (i.e., species, size, condition, notable observations) for all trees,
- Interpretation of the potential impact of the proposed works on the inventoried trees,
- Recommendations for preservation or removal of individual trees based on the nature of the proposed work, the current health of the tree, and the susceptibility/tolerance of the tree species to various stresses/insults related to construction and other sources,
- Recommendations for protective actions to be taken to mitigate construction-related damage to existing trees to be preserved, and
- Compensation for Trees to be removed as required.

This report has been prepared in accordance with the following applicable municipal by-laws and guidelines of the City of Burlington and Halton Region:

- By-Law to conserve and protect trees on private land within the Urban Planning Area Boundary of City of Burlington (02-2020);
- By-law to regulate planting, maintenance and preservation of trees on or affecting public property (68-2013);
- City of Burlington Specifications Index for Tree Protection and Preservation (SPEC NO. SS12A);
- By-law to prohibit or regulate the destruction or injuring of trees in the Regional Municipality of Halton (121-05)

INVENTORY DATA

Date/Time: October 18 2021, 2:30 p.m.
Relative Part of Growing Season: Autumn/Leaf Drop
Weather Conditions: Clear 18 °C

Date/Time: February 6 2026, 1:30 p.m.
Relative Part of Growing Season: Off-Leaf
Weather Conditions: Clear -6 °C

TABLE 1. SUMMARY OF TREES INVENTORIED

Tree Ownership Category	Quantity & Species	Count
1. Subject Site Trees (3110 South Service Road)	2 Green/Red Ash 1 Japanese Tree Lilac 1 Austrian Pine 1 Weeping White Mulberry 1 Manitoba Maple* 6 Colorado Blue Spruce*	subtotal 12
2.1 Neighbouring Trees (3120 South Service Road)	2 Thornless Honeylocust species	subtotal 2
2.2 Neighbouring Trees (3115 Harvester Road)	1 Ornamental Pear species	subtotal 1
2.3 Neighbouring Trees (3106 South Service Road)	2 Colorado Blue Spruce*	subtotal 2
3. Public Trees	none	subtotal 0
4. Boundary Trees	none	subtotal 0
		total 17

* Denotes trees added in 2026

TREE INVENTORY PHOTOS – 2021



Tree 1 (Neighbouring – 3120 South Service Road)



Tree 2 (Neighbouring – 3120 South Service Road)



Tree 3 (Subject Site – 3110 South Service Road)



Tree 4 (Subject Site)



Tree 5 (Neighbouring – 3115 Harvester Road))



Tree 5 (Neighbouring – 3115 Harvester Road) – Exposed root plate with suspected girdling root



Tree 6 (Subject Site)



Tree 7 (Subject Site)



Tree 8 (Subject Site)

TREE INVENTORY PHOTOS – 2026



Tree 1 (Neighbouring – 3120 South Service Road)



Tree 2 (Neighbouring – 3120 South Service Road)



Tree 3 (Subject Site – 3110 South Service Road)



Tree 4 (Subject Site)



Tree 5 (Neighbouring – 3115 Harvester Road))



Trees 7-8 (Subject Site)



Tree 9 (Subject Site)



Trees 10-11 (Neighbouring – 3106 South Service Road)
Tree 12 (Subject Site)



Trees 14-17 (Subject Site)

OVERALL FINDINGS

Eight (8) individual trees were recorded during the October 18, 2021 inventory. All Trees except #5 were located on an OLS Survey by J.H. Gelbloom Surveying Limited (September 7th 2021); the location of Tree #5 was approximated while on site.

Nine (9) additional trees were inventoried during the February 6 site visit. One tree (#9) had increased in size class and was now eligible for inventory, and eight (8) trees were planted since the first inventory in 2021. Trees were field located on the plan while on site.

Inventoried trees represented a moderate age based on DBH size classes, with some exhibiting significant health and/or structural concerns. Most inventoried trees appear to be intentionally planted (i.e. landscape trees) based on location and species selection. Refer to appendix a for individual tree data.

Two Subject Site trees (Trees #3, #4) are aggressively suckering Green/Red Ash stumps; the removal of these two trees occurred prior to the time of inventory. Similarly, Tree #9 is an aggressively suckering Manitoba Maple and appears to have been cut prior to the first inventory in 2021.

TREES RECOMMENDED FOR PRESERVATION

Trees recommended for preservation have been assessed using one or more of the following criteria:

- Location sufficiently distanced from proposed site works and/or construction related stresses;
- Current health condition is acceptable;
- Tree poses a low hazard level to person or property; and
- General species tolerance to construction-related and other anticipated stressors

Trees recommended for preservation are summarized in table 2 below. All trees to be preserved are to be protected to the satisfaction of the City of Burlington prior to the commencement of construction. All tree protection measures are to remain in place during all stages of construction, as specified in *City of Burlington Specifications Index for Tree Protection and Preservation (SPEC NO. SS12A)*. Refer to the Tree Protection and Mitigation measures section below.

TABLE 2. SUMMARY OF TREES RECOMMENDED FOR PRESERVATION

Tree Ownership Category	Quantity & Species	Count
1. Subject Site Trees (3110 South Service Road)	none	subtotal 0
2.1 Neighbouring Trees (3120 South Service Road)	2 Thornless Honeylocust species	subtotal 2
2.2 Neighbouring Trees (3115 Harvester Road)	1 Ornamental Pear species	subtotal 1
2.3 Neighbouring Trees (3106 South Service Road)	2 Colorado Blue Spruce	subtotal 2
3. Public Trees	none	subtotal 0
4. Boundary Trees	none	subtotal 0
		total 5

There are no Subject Site Trees recommended for preservation.

All Neighbouring Trees are recommended for preservation due to sufficient distance from the proposed works.

NEIGHBOURING TREES RECOMMENDED FOR PRESERVATION – 3120 SOUTH SERVICE ROAD

Portions of the mTPZ and CRZ of Trees #1 and #2 are situated within the existing parking lot of the Subject Site. The proposed work in the vicinity of Trees 1&2 entails removal of existing asphalt paving and replacing with a new asphalt parking surface. This work will extend only to the existing curb line.

Trees #1 and 2 are situated within a neighbouring landscaped island (3120 South Service Road) surrounded by existing curbs and asphalt parking. This suggests that the root systems of these two trees are unlikely to extend beneath the curbs and asphalt parking (i.e., into the Subject Site); rather, it is much more likely that the root systems extend laterally to the northwest and southeast within the existing landscaped island. For this reason, Trees #1 and #2 are not expected to incur any significant injuries during the proposed work.

The existing conditions surrounding Trees 1& 2 afford insufficient space to provide full mTPZ protection as stipulated in *City of Burlington Specifications Index for Tree Protection and Preservation (SPEC NO. SS12A)*. It is recommended that the existing wrought-iron fence between the Subject Site and 3120 South Service Road serve as a Tree Protection Barrier with 1.2m height orange plastic web snow fencing attached along with any and all required signage. Refer to Tree Protection Plan (prepared by adesso design inc.) for layout and location of proposed Tree Protection Barriers.

NEIGHBOURING TREES RECOMMENDED FOR PRESERVATION – 3115 HARVESTER ROAD

Tree #5 is recommended for preservation and no impacts to the tree's mTPZ or CRZ are expected as the tree is well beyond the limit of proposed work. Refer to Tree Protection Plan by adesso design inc. for location and extent of proposed Tree Protection Measures.

NEIGHBOURING TREES RECOMMENDED FOR PRESERVATION – 3106 SOUTH SERVICE ROAD

Trees #10 and #11 are recommended for preservation and no mTPZ or CRZ injuries expected in the context of the proposed work. There is sufficient space around these two trees to provide full mTPZ and CRZ protection. Refer to Tree Protection Plan by adesso design inc. for location and extent of proposed Tree Protection Measures.

TREES RECOMMENDED FOR REMOVAL

Trees recommended for removal have been assessed using one or more of the following criteria:

- Location is in conflict with proposed works to a degree that would compromise the long term structural and/or health integrity
- Current health condition suggests tree is undergoing significant decline and/or death
- Potential impacts from proposed works will cause the tree to become a hazard to person or property
- General species intolerance of construction-related and other anticipated stressors

TABLE 3. SUMMARY OF TREES RECOMMENDED FOR REMOVAL

Tree Ownership Category	Quantity & Species	Count
1. Subject Site Trees (3110 South Service Road)	2 Green/Red Ash 1 Japanese Tree Lilac 1 Austrian Pine 1 Weeping White Mulberry 1 Manitoba Maple 6 Colorado Blue Spruce	subtotal 12
2.1 Neighbouring Trees (3120 South Service Road)	none	subtotal 0
2.2 Neighbouring Trees (3115 Harvester Road)	none	subtotal 0
2.3 Neighbouring Trees (3106 South Service Road)	none	subtotal 0
3. Public Trees	none	subtotal 0
4. Boundary Trees	none	subtotal 0
		total 12

All twelve (12) Subject Site Trees are recommended for removal due to either direct conflict with the proposed building footprint (Trees #4, #6, #7, #8), and/or significant to severe mTPZ encroachment as a result of proposed grading and excavation (Trees #3, #9, #12, #13, #14, #15, #16, #17).

In addition, the condition of Tree #3 (Very Poor) and Trees #14, #15, #17 (Dead/Dying) mean that these trees are unlikely to withstand and recover from any construction-related activities.

COMPENSATION FOR PRIVATE TREES RECOMMENDED FOR REMOVAL

The DBH of each Private Tree with 15cm DBH or greater to be removed is the basis for required compensatory tree planting. The rate of compensation is determined by the total caliper of trees recommended for removal (Aggregate Caliper Method). The total (aggregate) caliper to be removed from the site is then replaced at parity with 50mm caliper nursery stock (i.e., one new 50mm caliper tree counts for 5cm of DBH that is removed from the site).

The aggregate DBH of trees recommended for removal is 141.07cm, therefore, 28 trees will be required as compensation.

Where space within the Subject Site does not allow for all compensatory plantings, a cash-in-lieu payment for each unplanted compensation tree will be required at a rate of \$250.00 per compensation tree.

TREE PERMITTING REQUIREMENTS

Private trees with a DBH of 20cm or greater that are recommended for removal will require a Tree Removal Permit from the City of Burlington prior to the commencement of construction activities. A Tree Removal Permit will be required for the removal of Trees #3, #4, 6, and #7.

TREE PROTECTION AND MITIGATION MEASURES

The impacts to trees from the construction process can be severe and are often latent. Mechanical damage to tree structures (i.e. trunk, roots, and branches) as well as soil compaction from

equipment, staging, material storage, and altered drainage patterns can cause potentially fatal impacts that may not become apparent until long-after construction is completed.

For these reasons, all trees to be preserved shall be afforded adequate protection measures in accordance with *City of Burlington Specifications Index for Tree Protection and Preservation (SPEC NO. SS12A)*. Tree protection measures are to be installed prior to and remain throughout all stages of construction.

The location of temporary tree protection hoarding is depicted graphically on the Tree Protection Plan (by adesso design inc.) accompanying this report. Where possible, the City standard for minimum tree protection zone (mTPZ) and critical root zone (CRZ) have been provided. Table 4 provides a summary of the mTPZ CRZ distances per DBH class for the City of Burlington.

TABLE 4. MINIMUM TREE PROTECTION ZONES PER DBH CLASS

Trunk Diameter (DBH)	Minimum Protection Distances Required	Critical Root Zone Distances Required
< 10 cm	1.8 m	1.8m
11-40 cm	2.4 m	4.0m
41 – 50 cm	3.0 m	5.0m
51 – 60 cm	3.6 m	6.0m
61 – 70 cm	4.2 m	7.0m
71 – 80 cm	4.8 m	8.0m
81 – 90 cm	5.4 m	9.0
91 – 100 cm	6.0 m	10.0

If any disruption or injury occurs to a tree to be preserved, including planned injuries (e.g., “true injuries) and unplanned or accidental injuries (e.g., roots encountered unexpectedly, crown pruning required for construction access or equipment manoeuvring), it is recommended that a qualified tree care professional is consulted and performs all remedial work on the tree(s). General recommendations for mitigating damage trees include (but are not limited to):

- Excavation within mTPZ is to be done by hand and all tree roots that require removal are to be cleanly pruned by a tree care professional and according to best management practices of arboriculture. All exposed tree roots to remain are to be covered immediately with native soil or imported good-quality planting soil using 150mm lifts and hand tamped to prevent air pockets. All areas of disturbed tree roots to remain are to be thoroughly watered immediately upon completion of excavation and backfilling with soil.
- Damaged branches/limbs are to be cleanly pruned by a tree care professional and according to best management practices of arboriculture.
- Damage to tree trunks is to be reported immediately to a tree care professional for consultation and possible action.

In addition to the above mitigative measures, construction-related disturbance to trees recommended for preservation with injury may be mitigated through root pruning, by a qualified tree professional or under their supervision, using a hydro-vacuum and/or air-powered soil excavation unit. Excavation of the area to be root pruned should reach a depth of 300mm and roots

pruned at a maximum distance of 150mm beyond limit of work. Once pruning is complete, exposed roots are to be covered immediately as described above.

Prior to any work in proximity to Neighbouring Trees, a consent letter from neighbouring landowner(s) is required and will be submitted to the City upon receipt.

CONCLUSIONS

A total of seventeen (17) individual trees have been inventoried and assessed for possible preservation in the context of the proposed work. Five trees (5) are recommended for preservation, and twelve (12) trees are recommended for removal due to direct conflict with the proposed work.

The aggregate DBH of trees recommended for removal has been calculated to be 141.07cm which will require twenty-eight (28), 50mm caliper replacement trees as compensation. Where space does not allow for compensatory planting, a cash-in-lieu payment of \$250.00 per unplanted compensation tree will be required.

ASSUMPTIONS & LIMITATIONS

The data and assessment presented in this report are only valid at the time of inspection and inventory.

A reasonable effort has been made to assess the overall condition of trees included in this report.

Unless otherwise stated, all tree data and observations were collected from visual inspection of external tree features from the ground level.

This report is to be used only by the intended recipient for the purposes stated in the Background section. Use by any other person or for any other purpose must be authorized in writing by the consulting arborist or adesso design inc.

The data and its interpretation in this report are the sole opinion of adesso design inc. and were not influenced by any other party.



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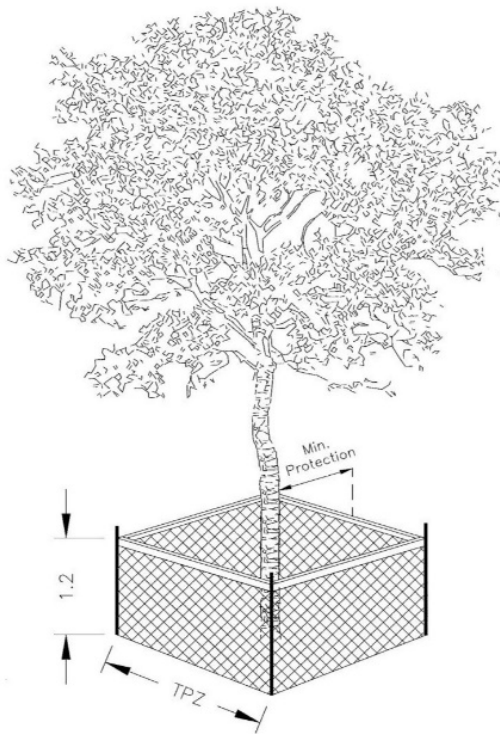
APPENDIX A – TREE INVENTORY TABLE

Tree #	Species (Common Name)	Species (Botanical Name)	DBH (cm)	Crown Width (m)	Crown Class*	Structural Condition (%)	Health Condition (%)	Overall Condition (%)	Overall Condition Rating	mTPZ (m)	mTPZ (m²)	mTPZ encroachment (m²)	mTPZ encroachment (%)	CRZ (m)	CRZ (m²)	CRZ encroachment (m²)	CRZ encroachment (%)	Comments	Potential Impacts from Construction	Ownership	Recommendation
1	Thornless Honeylocust	<i>Gleditsia triacanthos var. inermis</i>	21	5	D	80%	80%	80%	GOOD	2.4	19.71	5.87	30%	4.0	52.94	19.77	37%	Asymmetrical crown (minor)	moderate mTPZ and significant CRZ encroachment due to proposed parking lot replacement	Neighbouring (3120 S Service Rd)	Save
2	Thornless Honeylocust	<i>Gleditsia triacanthos var. inermis</i>	21	4	D	80%	80%	80%	GOOD	2.4	19.71	7.01	36%	4.0	52.94	21.84	41%		significant mTPZ and CRZencroachment due to proposed parking lot replacement	Neighbouring (3120 S Service Rd)	Save
3	Green/Red Ash	<i>Fraxinus pennsylvanica</i>	22.36 (10x5cm)	6	D	30%	10%	20%	VERY POOR	2.4	19.82	19.82	100%	4.0	53.11	43.29	82%	Visible EAB damage, bark peeling	direct conflict with proposed parking area and grading	Subject Site	Remove
4	Green/Red Ash	<i>Fraxinus pennsylvanica</i>	26.73 (10x8cm, 3x5cm)	8	D	30%	50%	40%	POOR	2.4	20.23	20.23	100%	4.0	53.68	53.68	100%	Epicormic branching, coppice growth, included bark	direct conflict with proposed building footprint	Subject Site	Remove
5	Ornamental Pear species	<i>Pyrus calleryana 'Capital'</i>	17	5	D	70%	70%	70%	GOOD	2.4	20.17	0.00	0%	4.0	53.68	0.00	0%	Watersprouts (severe), epicormic branching	none	Neighbouring (3115 Harvester Rd)	Save
6	Japanese Tree Lilac	<i>Syringa reticulata</i>	28	4	D	30%	50%	40%	POOR	2.4	20.27	20.27	100%	4.0	53.85	53.85	100%	Dead/broken branches in canopy (severe)	direct conflict with proposed building footprint	Subject Site	Remove
7	Austrian Pine	<i>Pinus nigra</i>	63.98 (37,31,42)	12	C	60%	70%	65%	GOOD	4.2	64.18	64.18	100%	7.0	168.33	168.33	100%	Insect damage, asymmetrical crown, possible diplodia tip blight	direct conflict with proposed building footprint	Subject Site	Remove
8	Weeping White Mulberry	<i>Morus alba 'Pendula'</i>	9	1	C	60%	50%	55%	FAIR	1.8	10.69	10.69	100%	1.8	10.69	10.69	100%	Dead/broken branches in canopy, asymmetrical crown	direct conflict with proposed building footprint	Subject Site	Remove
9	Manitoba Maple	<i>Acer negundo</i>	12.73 (4x4cm,2x7cm)	3	D	40%	70%	55%	FAIR	2.4	19.07	19.07	100%	4.0	51.88	51.88	100%	coppice growth	direct conflict with proposed parking area and grading	Subject Site	Remove
10	Colorado Blue Spruce	<i>Picea pungens var. Glauca</i>	13	3	D	70%	80%	75%	GOOD	2.4	19.09	0.00	0%	4.0	51.91	0.00	0%	Tree not surveyed	none	Neighbouring (3106 S Service Rd)	Save

Tree #	Species (Common Name)	Species (Botanical Name)	DBH (cm)	Crown Width (m)	Crown Class*	Structural Condition (%)	Health Condition (%)	Overall Condition (%)	Overall Condition Rating	mTPZ (m)	mTPZ (m²)	mTPZ encroachment (m²)	mTPZ encroachment (%)	CRZ (m)	CRZ (m²)	CRZ encroachment (m²)	CRZ encroachment (%)	Comments	Potential Impacts from Construction	Ownership	Recommendation
11	Colorado Blue Spruce	<i>Picea pungens</i> var. <i>Glauca</i>	13	3	D	60%	80%	70%	GOOD	2.4	19.09	0.00	0%	4.0	51.91	0.00	0%	Tree not surveyed	none	Neighbouring (3106 S Service Rd)	Save
12	Colorado Blue Spruce	<i>Picea pungens</i> var. <i>Glauca</i>	12	3	D	60%	70%	65%	GOOD	2.4	19.01	13.59	71%	4.0	51.78	32.89	64%	Tree not surveyed	severe mTPZ and CRZ injury due to proposed underground parking structure and grading	Subject Site	Remove
13	Colorado Blue Spruce	<i>Picea pungens</i> var. <i>Glauca</i>	9	2	D	70%	70%	70%	GOOD	1.8	10.69	8.35	78%	1.8	10.69	8.35	78%	Tree not surveyed	severe mTPZ and CRZ injury due to proposed underground parking structure and grading	Subject Site	Remove
14	Colorado Blue Spruce	<i>Picea pungens</i> var. <i>Glauca</i>	5	1	D	0%	0%	0%	DEAD/DYI NG	1.8	10.46	8.40	80%	1.8	10.46	8.40	80%	Tree not surveyed, dead standing	severe mTPZ and CRZ injury due to proposed underground parking structure and grading	Subject Site	Remove
15	Colorado Blue Spruce	<i>Picea pungens</i> var. <i>Glauca</i>	5	1	D	0%	0%	0%	DEAD/DYI NG	1.8	10.46	8.26	79%	1.8	10.46	8.26	79%	Tree not surveyed, dead standing	severe mTPZ and CRZ injury due to proposed underground parking structure and grading	Subject Site	Remove
16	Colorado Blue Spruce	<i>Picea pungens</i> var. <i>Glauca</i>	8	2	D	60%	40%	50%	FAI R	1.8	10.64	8.25	78%	1.8	10.64	8.25	78%	Tree not surveyed, sparse canopy, browning foliage (moderate)	severe mTPZ and CRZ injury due to proposed underground parking structure and grading	Subject Site	Remove
17	Colorado Blue Spruce	<i>Picea pungens</i> var. <i>Glauca</i>	7	1	D	0%	0%	0%	DEAD/DYI NG	1.8	10.58	8.21	78%	1.8	10.58	8.21	78%	Tree not surveyed, dead standing	severe mTPZ and CRZ injury due to proposed underground parking structure and grading	Subject Site	Remove

APPENDIX B – CITY OF BURLINGTON TREE PRESERVATION DETAILS

Tree Protection and Preservation Specification No.: SS12A



Detail TP-1 – Tree Protection Detail.

Trunk Diameter (DBH) ²	Minimum Tree Protection Zone (MTPZ) Distances Required ³	Critical Root Zone (CRZ) Distances Required ^{3&4}
< 10 cm	1.8 m	1.8 m
11 - 40 cm	2.4 m	4.0 m
41 - 50 cm	3.0 m	5.0 m
51 - 60 cm	3.6 m	6.0 m
61 - 70 cm	4.2 m	7.0 m
71 - 80 cm	4.8 m	8.0 m
81 - 90 cm	5.4 m	9.0 m
91 - 100+ cm	6.0 m	10.0 m

NOTES:

¹ The roots of a tree can extend from the trunk to approximately 2-3 times the distance of the drip line.

² Diameter at breast height (DBH) is the measurement of tree trunk taken at 1.4 metres above ground.

³ Minimum Tree Protection Zone and Critical Root 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 and is subject to Section 6 of this specification.

⁴ Where work is being performed beyond the Minimum Tree Protection Zone but within the Critical Root Zone the works are subject to Section 8 of this specification.

TREE PROTECTION BARRIER

1. The required barrier is a 1.2 metre (4 ft) high orange plastic web snow fencing on 2" x 4" frame. Where orange plastic web snow fencing creates a restriction to sightlines, page wire fencing with reflective tape can be used.
2. Tree protection barriers are to be erected prior to the commencement of any construction or grading activities on the site and are to remain in place throughout the entire duration of the project. The barriers shall be maintained erect and in good repair throughout the duration of construction operations with breaks and unsupported sections repaired immediately. Tree protection may be not be removed prior to the completion of construction without written authorization from the Manager of Urban Forestry or designate.
3. All supports and bracing used to safely secure the barrier should be located outside the MTPZ. All supports and bracing should minimize damage to roots.
4. Where some fill or excavated material must be temporarily located near a MTPZ, a wooden barrier with silt fencing must be used to ensure no material enters the MTPZ.
5. No materials or fill may be stored within the MTPZ.
6. Equipment or vehicles shall not be operated, parked, repaired, or refueled within the MTPZ.
7. No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the MTPZ without written authorization from the Manager of Urban Forestry or designate.
8. A laminated Minimum Tree Protection Zone sign (See Detail TP-3 – Minimum Tree Protection Zone Sign) must be attached to the side of the Tree Protection where it will be visible by persons entering the site. Minimum size must be 10"x14".

**Tree Protection and Preservation
Specification No.: SS12A**

Detail TP-3 – Minimum Tree Protection Zone Sign



TREE PROTECTION ZONE (TPZ)

No equipment or vehicles shall be operated, parked, repaired or refueled within the Tree Protection Zone.

No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.

No materials or fill may be stored within the Tree Protection Zone.

This tree protection barrier must not be removed prior to the completion of construction without written authorization from the City of Burlington, Urban Forestry Department.

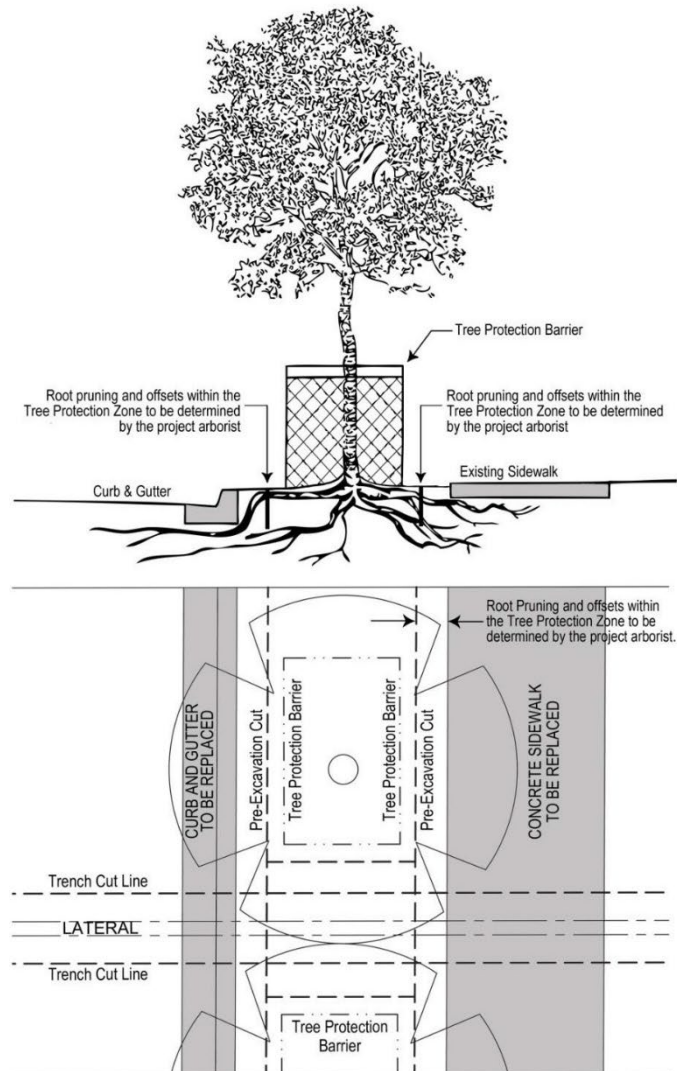


*For information, contact:
City of Burlington, Development and Infrastructure Division,
905-335-7642.*

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Tree Protection and Preservation
Specification No.: SS12A

Detail TP-2 – Root Pruning Detail



NOTE:

For excavations perpendicular to the curbing (ie. sidewalk, curbing, water or sewer laterals renewal)

- (a) The contractor is to use a trench box to minimize the width of the open cut.
- (b) When the lateral replacement is within the Tree Protection Zone of a tree, the contractor is to complete the works using trenchless technologies.