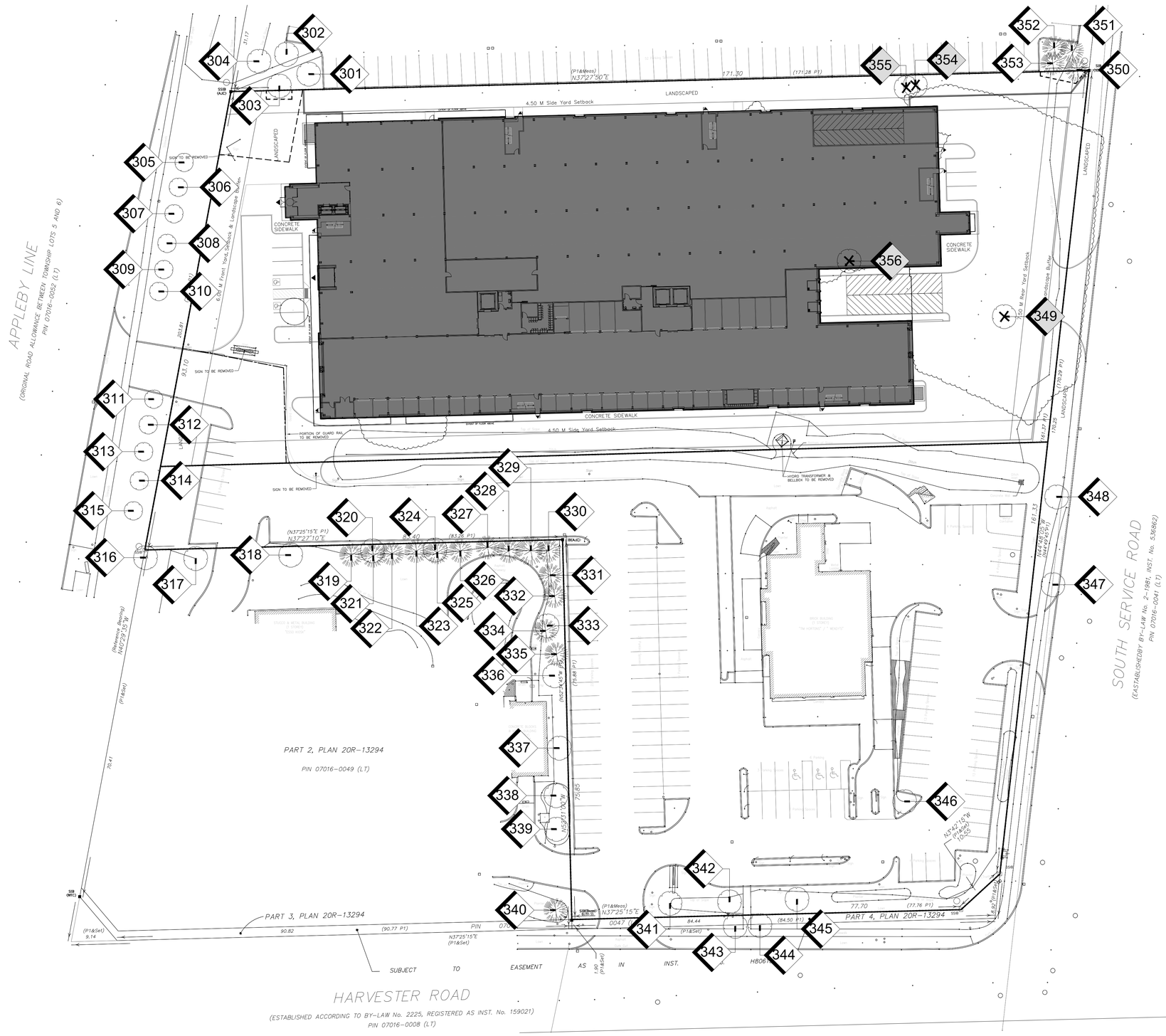


1 TI-1 TREE INVENTORY, REMOVALS, AND PROTECTION PLAN

SCALE: 1:400

LEGEND

- EXISTING DECIDUOUS TREE TO REMAIN
- EXISTING DECIDUOUS TREE TO BE REMOVED (REFER TO ARBORIST REPORT)
- EXISTING CONIFEROUS TREE TO REMAIN
- # TREE IDENTIFICATION KEY (TREES TO BE RETAINED)
- # TREE IDENTIFICATION KEY (TREES TO BE REMOVED)
- TREE PROTECTION FENCING PER CITY OF BURLINGTON STANDARDS

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10. This drawing is Copyright MHBC, 2024.

REVISION NO.	DATE	ISSUED / REVISION	BY
2.	SEPTEMBER 06, 2024	ISSUED FOR OPA/ZBA	NV
1.	NOVEMBER 03, 2023	ISSUED FOR SPA	NV

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DATE	NOVEMBER 2023
DRAWN BY	NV
PLAN SCALE	1:400
FILE NO.	16257AV
CHECKED BY	N.M.
OTHER	

PROJECT

5051 Harvester Rd
(875 APPLEBY LINE)
BURLINGTON, ONTARIO

NORTH

FILE NAME

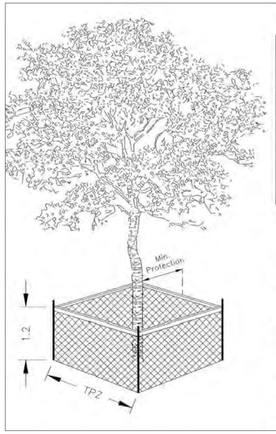
TREE INVENTORY, PROTECTION, AND REMOVALS

DWG NO.

TI-1

TREE INVENTORY NOTES

Tree #	Common Name	Botanical Name	DBH (CM)	Canopy (M)	Condition	Structure	Comments	Recommendation
301	Honey Locust	Gleditsia triacanthos	21	12	F	F		Retain
302	Honey Locust	Gleditsia triacanthos	34	11	F	F		Retain
303	Honey Locust	Gleditsia triacanthos	37	12	F	F		Retain
304	Honey Locust	Gleditsia triacanthos	35	12	F	F		Retain
305	Red Maple	Acer rubrum	4	1	F	F		Retain
306	English Oak	Quercus robur	4	1	F	F		Retain
307	Common Hackberry	Celtis occidentalis	4	1	F	F		Retain
308	Common Hackberry	Celtis occidentalis	4	1	F	F		Retain
309	English Oak	Quercus robur	4	1	F	F		Retain
310	Red Maple	Acer rubrum	4	1	F	F		Retain
311	Red Maple	Acer rubrum	4	1	F	F		Retain
312	Honey Locust	Gleditsia triacanthos	4	1	F	F		Retain
313	Kentucky Coffee Tree	Gymnocladus diocus	4	1	F	F		Retain
314	Kentucky Coffee Tree	Gymnocladus diocus	4	1	F	F		Retain
315	Kentucky Coffee Tree	Gymnocladus diocus	4	1	F	F		Retain
316	Honey Locust	Gleditsia triacanthos	25	8	F	F		Retain
317	Honey Locust	Gleditsia triacanthos	25	10	F	F		Retain
318	Honey Locust	Gleditsia triacanthos	36	13	F	F		Retain
319	Colorado Blue Spruce	Picea pungens var. glauca	28	6	F	F	Minor deadwood in canopy	Retain
320	Mulberry Sp.	Morus Sp.	15	5	F	F	Co-dominant at 1.2 metres	Retain
321	Fir Sp.	Abies Sp.	17	3	F	F	Minor deadwood in canopy	Retain
322	Fir Sp.	Abies Sp.	32	8	F	F	Minor deadwood in canopy	Retain
323	Fir Sp.	Abies Sp.	30	8	F	F	Minor deadwood in canopy	Retain
324	Mulberry Sp.	Morus Sp.	11	3	F	F		Retain
325	Fir Sp.	Abies Sp.	28	5	P	F/P	Moderate deadwood in canoy	Retain
326	Fir Sp.	Abies Sp.	29	6	F	F	Minor deadwood in canopy	Retain
327	Fir Sp.	Abies Sp.	33	5	P/D	P	Significant deadwood in canopy	Retain
328	Fir Sp.	Abies Sp.	26	6	F	F	Minor deadwood in canopy	Retain
329	Colorado Blue Spruce	Picea pungens var. glauca	44	7	F	F	Minor to moderate dadwood in canoy	Retain
330	Fir Sp.	Abies Sp.	19	5	F	F	Minor deadwood in canopy	Retain
331	Colorado Blue Spruce	Picea pungens var. glauca	~36	6	F	F	Minor deadwood in canopy	Retain
332	Fir Sp.	Abies Sp.	29	8	F	F	Minor deadwood in canopy	Retain
333	Mulberry Sp.	Morus Sp.	22	6	F	F		Retain
334	Colorado Blue Spruce	Picea pungens var. glauca	24	3	F/P	F/P	Moderate deawood in canopy, elevated canopy	Retain
335	Colorado Blue Spruce	Picea pungens var. glauca	25	4	F	F	Minor deadwood in canopy	Retain
336	Ash Sp.	Fraxinus Sp.	19	6	P/D	P	Tree is 95% dead, new growth at base, signs of EAB	Retain
337	Russian Olive	Elaeagnus angustifolia	33	14	F	F	2 stem at base, mild lean, minor to moderate deadwodo in canopy	Retain
338	Ash Sp.	Fraxinus Sp.	~27	5	P/D	P	Tree is 95% dead, new growth at base, signs of EAB	Retain
339	Ash Sp.	Fraxinus Sp.	~23	5	P/D	P	Tree is 95% dead, new growth at base, signs of EAB	Retain
340	Colorado Blue Spruce	Picea pungens var. glauca	18	3	F	F		Retain
341	Honey Locust	Gleditsia triacanthos	25	9	F	F	Mild lean	Retain
342	Honey Locust	Gleditsia triacanthos	25	9	F	F	Minor deadwood in canopy	Retain
343	Silver Maple	Acer saccharinum	19	4	F	F	Minor deadwood in canopy	Retain
344	Silver Maple	Acer saccharinum	27	5	F	F		Retain
345	Honey Locust	Gleditsia triacanthos	26	11	F	F		Retain
346	Honey Locust	Gleditsia triacanthos	19	7	F	F		Retain
347	Silver Maple	Acer saccharinum	24	4	F	F	Growing in overhead wires	Retain
348	Silver Maple	Acer saccharinum	28	6	F	F	Growing in overhead wires	Retain
349	Manitoba Maple	Acer negundo	22	10	F	F	Multi-stem at base, moderate lean	Remove due to construction
350	Scots Pine	Pinus sylvestris	36	5	F	F	Minor deadwood in canopy	Retain
351	Scots Pine	Pinus sylvestris	33	5	F	F	Minor deadwood in canopy	Retain
352	Scots Pine	Pinus sylvestris	26	4	F	F	Minor deadwood in canopy	Retain
353	Scots Pine	Pinus sylvestris	29	4	F	F	Moderate deadwood in canopy, mild lean	Retain
354	Black Locust	Robinia pseudoacacia	20	3	F	F		Remove due to construction
355	Black Locust	Robinia pseudoacacia	22	3	F	F		Remove due to construction
356	Black Walnut	Juglans nigra	20	5	F	F	2 stem at 0.3 metres	Remove due to construction



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.

1 TI-2 TREE PROTECTION DETAIL
CITY OF BURLINGTON STANDARD

Burlington

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.

2 TI-2 TREE PROTECTION SIGNAGE
CITY OF BURLINGTON STANDARD

LEGEND

EXISTING DECIDUOUS TREE TO REMAIN

EXISTING DECIDUOUS TREE TO BE REMOVED (REFER TO ARBORIST REPORT)

EXISTING CONIFEROUS TREE TO REMAIN

TREE IDENTIFICATION KEY (TREES TO BE RETAINED)

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ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — NICOLA A. MILLER — OALA — MEMBER

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DATE NOVEMBER 2023
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PLAN SCALE -
FILE NO. 16257AV
CHECKED BY N.M.
OTHER

PROJECT

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BURLINGTON, ONTARIO

FILE NAME

TREE INVENTORY, PROTECTION, AND REMOVALS

DWG NO.

TI-2