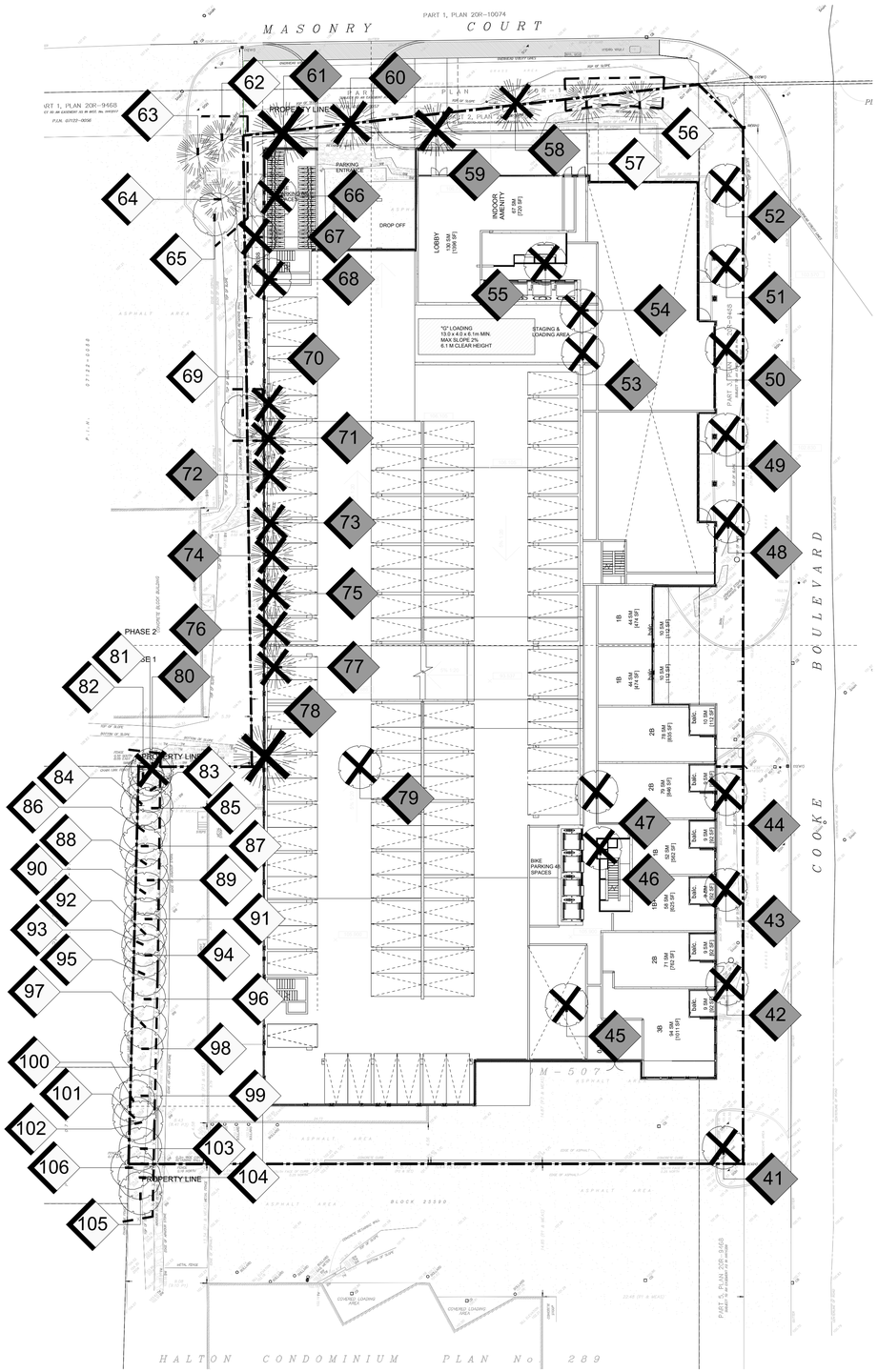
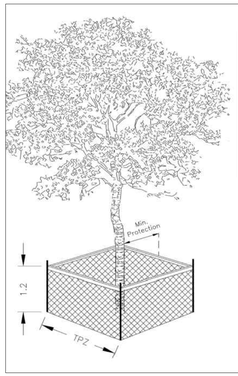


1 TI-1 TREE INVENTORY, REMOVALS, AND PROTECTION PLAN

SCALE: 1:300

TREE INVENTORY NOTES

Tree #	Common Name	Botanical Name	DBH (CM)	Condition	Comments	Recommendation
41	Norway Maple	Acer platanoides	23	F		Remove due to construction
42	Norway Maple	Acer platanoides	29	F		Remove due to construction
43	Norway Maple	Acer platanoides	30	P/D	Significant deadwood in canopy, tree is in decline	Remove due to construction
44	Norway Maple	Acer platanoides	34	F	Minor deadwood in canopy	Remove due to construction
45	Honey Locust	Gleditsia triacanthos	20	P/D	Significant deadwood in canopy, tree is in decline	Remove due to construction
46	Honey Locust	Gleditsia triacanthos	22	F		Remove due to construction
47	Honey Locust	Gleditsia triacanthos	31	F	Minor deadwood in canopy	Remove due to construction
48	Norway Maple	Acer platanoides	34	F		Remove due to construction
49	Norway Maple	Acer platanoides	33	F		Remove due to construction
50	Norway Maple	Acer platanoides	30	F		Remove due to construction
51	Norway Maple	Acer platanoides	33	P	Significant deadwood in canopy	Remove due to construction
52	Norway Maple	Acer platanoides	23	F		Remove due to construction
53	Honey Locust	Gleditsia triacanthos	25	F/P	Moderate deadwood in canopy	Remove due to construction
54	Honey Locust	Gleditsia triacanthos	27	F/P	Moderate deadwood in canopy	Remove due to construction
55	Honey Locust	Gleditsia triacanthos	23	F/P	Moderate deadwood in canopy	Remove due to construction
56	Colorado Blue Spruce	Picea pungens var. glauca	~33	F		Retain
57	Colorado Blue Spruce	Picea pungens var. glauca	~35	F		Retain
58	Austrian Pine	Pinus nigra	~44	F		Remove due to construction
59	Austrian Pine	Pinus nigra	43	F		Remove due to construction
60	Austrian Pine	Pinus nigra	46	P	Significant deadwood in canopy, tree is in decline, ground cover growing up tree and suffocating trunk	Remove due to condition
61	Austrian Pine	Pinus nigra	52	F		Remove due to construction
62	Colorado Blue Spruce	Picea pungens var. glauca	~26	F/G		Retain
63	Colorado Blue Spruce	Picea pungens var. glauca	~20	P	Significant deadwood in canopy, tree is in decline	Retain
64	Colorado Blue Spruce	Picea pungens var. glauca	~24	F	Growing in adjacent tree canopy, minor/moderate deadwood in canopy	Retain
65	Norway Maple	Acer platanoides	22	F	Minor deadwood in canopy	Retain
66	Honey Locust	Gleditsia triacanthos	32	P	Moderate/significant deadwood in canopy, tree is in decline, ground cover growing up tree and suffocating trunk	Remove due to construction
67	Honey Locust	Gleditsia triacanthos	21	F	Moderate deadwood in canopy	Remove due to construction
68	Honey Locust	Gleditsia triacanthos	29	F	Minor deadwood in canopy	Remove due to construction
69	Poplar Sp.	Populus Sp.	22	F	Multi-stem at base, growing out of rock	Retain
70	Spruce Sp.	Picea Sp.	~20	F		Remove due to construction
71	Colorado Blue Spruce	Picea pungens var. glauca	~10	F		Remove due to construction
72	Spruce Sp.	Picea Sp.	~12	F/G		Remove due to construction
73	Colorado Blue Spruce	Picea pungens var. glauca	~13	F/G		Remove due to construction
74	Spruce Sp.	Picea Sp.	~15	F/G		Remove due to construction
75	Colorado Blue Spruce	Picea pungens var. glauca	~14	F/G		Remove due to construction
76	Spruce Sp.	Picea Sp.	~16	F	Minor deadwood in canopy	Remove due to construction
77	Colorado Blue Spruce	Picea pungens var. glauca	~20	F	Minor deadwood in canopy	Remove due to construction
78	Austrian Pine	Pinus nigra	55	F		Remove due to construction
79	Honey Locust	Gleditsia triacanthos	40	F	Minor/moderate deadwood in canopy	Remove due to construction
80	Siberian Elm	Ulmus pumila	23	P/D	Major past limb failure, bottom half of trunk remains	Remove due to condition
81	Siberian Elm	Ulmus pumila	35	F	Minor deadwood in canopy	Retain
82	Siberian Elm	Ulmus pumila	26	F	Minor deadwood in canopy	Retain
83	Siberian Elm	Ulmus pumila	23	F/P	Minor deadwood in canopy	Retain
84	Siberian Elm	Ulmus pumila	21	F	Minor deadwood in canopy	Retain
85	Siberian Elm	Ulmus pumila	24	P	Major past limb failure, 2 stem at 0.3 metres, minor deadwood in canopy	Retain
86	Siberian Elm	Ulmus pumila	16	F	Minor deadwood in canopy	Retain
87	Siberian Elm	Ulmus pumila	30	F	Minor deadwood in canopy	Retain
88	Siberian Elm	Ulmus pumila	28	F	Minor deadwood in canopy	Retain
89	Siberian Elm	Ulmus pumila	30	F	Minor deadwood in canopy	Retain
90	Siberian Elm	Ulmus pumila	24	F	Minor deadwood in canopy	Retain
91	Siberian Elm	Ulmus pumila	39	F	Minor deadwood in canopy	Retain
92	Siberian Elm	Ulmus pumila	32	F	Minor deadwood in canopy	Retain
93	Siberian Elm	Ulmus pumila	33	F		Retain
94	Siberian Elm	Ulmus pumila	36	F		Retain
95	Siberian Elm	Ulmus pumila	29	F	Minor deadwood in canopy	Retain
96	Siberian Elm	Ulmus pumila	21	F	Minor deadwood in canopy	Retain
97	Siberian Elm	Ulmus pumila	40	F	Minor deadwood in canopy, 2 stem at 1.2 metres	Retain
98	Siberian Elm	Ulmus pumila	50	F		Retain
99	Siberian Elm	Ulmus pumila	26	F	2 stem at 0.7 metres	Retain
100	Siberian Elm	Ulmus pumila	29	F		Retain
101	Siberian Elm	Ulmus pumila	20	F/P		Retain
102	Siberian Elm	Ulmus pumila	28	F/P		Retain
103	Siberian Elm	Ulmus pumila	31	F	Minor deadwood in canopy, 3 stem at 0.5 metres	Retain
104	Siberian Elm	Ulmus pumila	20	F		Retain
105	Siberian Elm	Ulmus pumila	45	F	Minor deadwood in canopy, 4 stem at 0.2 metres	Retain
106	Siberian Elm	Ulmus pumila	23	F	Minor deadwood in canopy, mild lean, growing through chain-link fence	Retain



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.

2 TI-1 TREE PROTECTION DETAIL

CITY OF BURLINGTON STANDARD

TREE PROTECTION SIGNAGE

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.

LEGEND

EXISTING DECIDUOUS TREE TO REMAIN

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

EXISTING CONIFEROUS TREE TO REMAIN

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

TREE IDENTIFICATION KEY (TREES TO BE RETAINED)

TREE IDENTIFICATION KEY (TREES TO BE REMOVED)

TREE PROTECTION FENCING PER CITY OF BURLINGTON STANDARDS

General Notes

1. Do not scale the drawings. All dimensions are in millimetres unless noted otherwise.
2. This drawing is to be read in conjunction with the survey prepared by the project architect and project engineer.
3. The contractor shall check and verify all existing and proposed grading and conditions on the project and immediately report any discrepancies to the consultant before proceeding with any work.
4. The contractor is to be aware of all existing and proposed services and utilities. The contractor is responsible for having all underground services and utility lines staked by each agency having jurisdiction prior to commencing work.
5. Final location of the street trees to be determined on site by the Landscape Architect based on final locations of utilities. All boulevard deciduous trees shall have rodent protection collars installed at initial planting.
6. This drawing is to be used for development approval only. For layout of all work refer to construction drawings.
7. Do not leave any holes open overnight.
8. Keep area outside construction zone clean and useable by others at all times. Contractor shall throughly clean areas surrounding the construction zone at the end of each work day.
9. Contractor to make good any and all damages outside of the development area that may occur as a result of construction at no extra cost.
10. This drawing is Copyright MHBC Planning, 2022.

Revision No.	Date	Issued / Revision	By
1	September 6, 2022	Issued for ZBA	MB

PLANNING
URBAN DESIGN
& LANDSCAPE
ARCHITECTURE
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WWW.MHBCPLAN.COM

Stamp

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO
GREG A. COSTA
OALA
MEMBER

NOT FOR CONSTRUCTION

All drawings and specifications are instruments of service and will remain the property of MHBC Planning and must be returned at the completion of the work. This drawing shall not be used for construction purposes unless the drawings are marked "Issued for Construction" and the professional seal is signed and dated by the landscape architect.

Date JULY 2022

Drawn By TT

Plan Scale 1:300

File No. 20329H

Checked By GC

Other

Project

COOKE BLVD
BURLINGTON, ON

NORTH

File Name

TREE INVENTORY & REMOVALS PLAN

Dwg No. TI-1

N:\20329\H – LANDSCAPE Cooke Blvd\2. Drawings\2. Arborist\1. 07-28-2022\20329H – Tree Inventory – 08-24-2022.