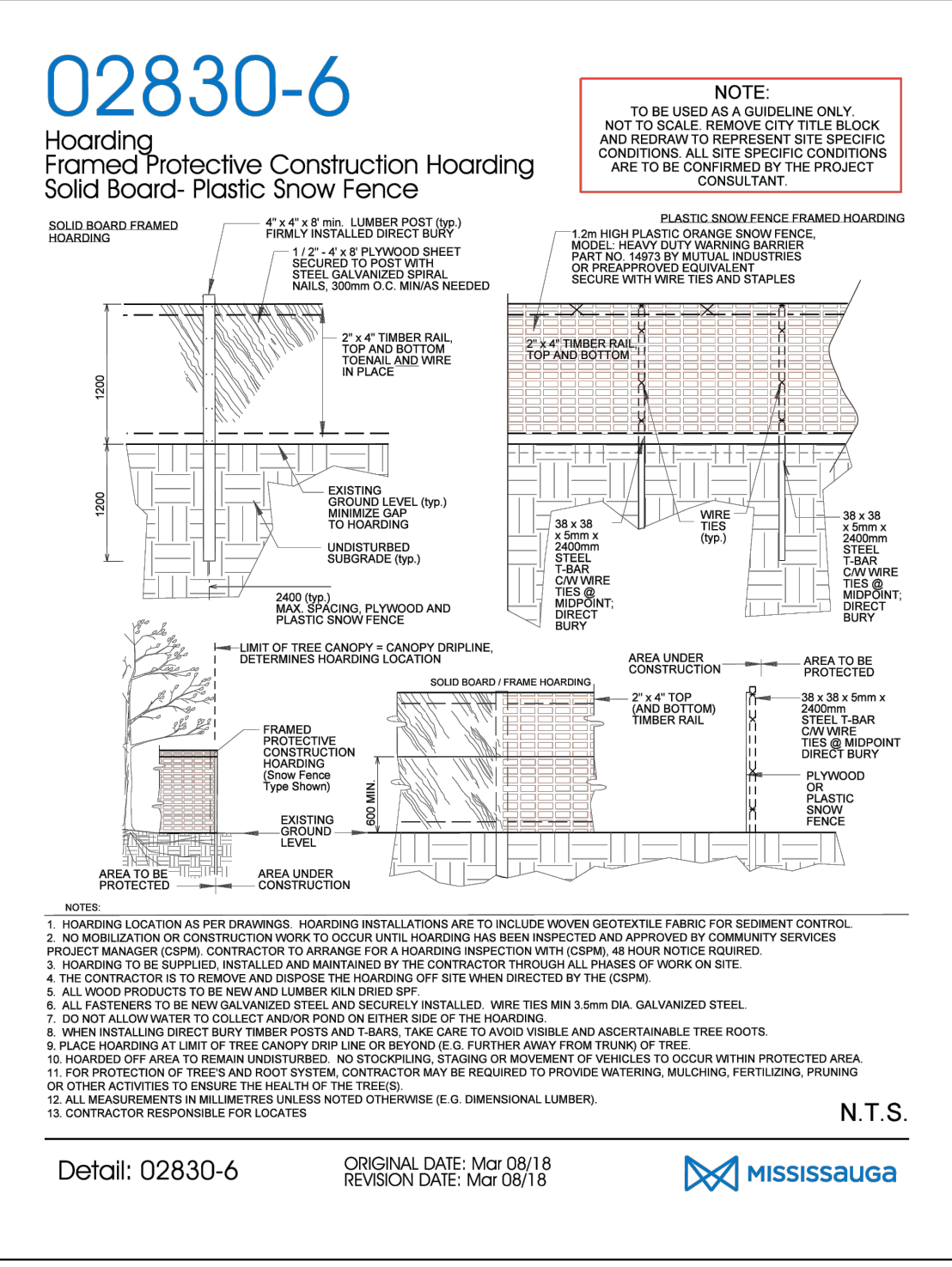


ARBORIST NOTE: Moderate encroachment into the mTPZs of Tree 3 to 5 will be required to be dug for foundation over-dig and to install the proposed fence and for minor grading. Excavation within mTPZs for foundation to be completed using hydro-vac excavation to a minimum depth of 0.5m to exposed roots for pruning according to good arboricultural practices. The privacy fence and grading should be completed in the final landscaping phase of development. Any post holes to be dug using air or hydro vac excavation. Any work within the mTPZs should be supervised by a Certified Arborist.

ARBORIST NOTE: Minor to moderate encroachment into the mTPZs of Trees 24 and 25 will be required to install the proposed fence. The fence should be installed during the final landscaping phase of development, under supervision of a Certified Arborist. The post holes should be dug by hand and any exposed roots pruned according to good arboricultural practices.

Tree Protection Zone (TPZ)
BY-LAW #
No construction activities, including grade changes, storage of materials or equipment, dumping, excavation is permitted within this TPZ.
This tree protection barrier must remain in good condition and must not be removed or altered without the authorization of City of Mississauga, Urban Forestry.
Concerns or inquiries regarding this TPZ can be directed to:
311 Mississauga
905-414-4111
outside city limits



- LEGEND**
- 5 Tree Identification Number*
 - Surveyed Tree Location
 - Dripline by Arborist
 - minimum Tree Protection Zone (mTPZ)
 - Required Framed Hoarding
 - Required Solid Board Hoarding (or approved ESC fencing)
 - ✕ Required Tree Removals
 - ✕ Tree Removal Recommended due to Condition

Refer to the Arborist Report dated 2 August 2024, revised 13 September 2024 for additional information regarding the preservation of trees and Table 1 for the detailed tree inventory table. Trees were located using the topographic survey provided or aerial photo interpretation and measurements in the field.

Tree Protection Plan Notes

All existing trees which are to remain shall be fully protected with hoarding erected beyond the drip line of the tree canopy to the satisfaction of the Planning and Building Department prior to the issuance of the building permit. Groups of trees and other existing vegetation are to be protected with hoarding around the entire area. Areas within the protective fencing shall remain undisturbed and shall not be used for the storage of building materials and equipment.

The Planning and Building Department will be responsible for inspection of trees on private property, while the Community Services Department is responsible for the inspection of hoarding for public trees. Hoarding must remain in place until an inspection by the Landscape Architectural Technologist, Development and Design Division, and an appropriate removal time has been agreed upon.

No rigging cables shall be wrapped around or installed in the trees and surplus soil, equipment, debris or materials shall not be placed over the root systems of the trees within the protection fencing. No contaminants will be dumped or flushed where feeder roots of trees exist.

The developer or agents shall take every precaution necessary to prevent damage to the vegetation to be retained.

Where limbs or portions of trees are removed to accommodate construction, they will be removed in accordance with accepted arboricultural practice.

Where root systems of protected trees adjacent to construction are exposed or damaged they shall be neatly trimmed and the area backfilled with appropriate material to prevent desiccation.

No open trenching shall occur through tree preservation zones (TPZ). Only directional boring can be used for service installation in these areas.

Trees that have died or have been damaged beyond repair shall be removed and replaced at the owners' expense with trees of a size and species approved by the Planning and Building Department.

If grades around trees to be protected are to change, the owner shall be required to take precautions such as dry walling, retaining walls, and root feeding to the satisfaction of the Planning and Building Department.

- The applicant is responsible for ensuring that tree protection hoarding is maintained throughout all phases of demolition and construction in the location and condition as approved by the Planning and Building Department. No materials (building materials, soil, etc.) may be stockpiled within the area of hoarding. Failure to maintain the hoarding as originally approved or the storage of materials within the hoarding will be cause for the Letter of Credit to be held for two years following completion of all site works. Hoarding must be inspected prior to the removal of any tree hoarding from the site.
- It is the applicants' responsibility to discuss potential impacts to trees located near or wholly on adjacent properties or on shared boundary lines with their neighbours. Should such trees be injured to the point of instability or death the applicant may be held responsible through civil action.

Table 1. Detailed Tree Inventory
Location: 1148 and 1154 Mona Road, Mississauga Date: 17 July 2024 Surveyors: KA

Tree #	Common Name	Scientific Name	Diameter at Breast Height (DBH) (cm)	Trunk Integrity	Crown Structure	Crown Vigour	Crown Dieback	Dripline (radius) (m)	Minimum Tree Protection Zone (mTPZ) (radius) (m)	Comments	Proposed Action	Preservation Comments	Ownership
1	Red Maple	<i>Acer rubrum</i>	48	F	FG	FG	3	3.0	3.0	Co-dominant at 1.5m with significant included bark, vertical scaffold limbs, minor epicormic branches, minor pruning wounds	Remove (development)		Subject
2	Norway Maple	<i>Acer platanoides</i>	53	FG	FG	FG	3	3.6	3.6	Co-dominant at 2.5m, minor pruning wounds, minor broken branches	Remove (development)		Subject
3	White Pine	<i>Pinus strobus</i>	72	G	G	G	3	4.8	4.8	Moderate pruning wounds due to a raised crown	Preserve - injure	Excavation within mTPZs for foundation to be completed using hydro-vac excavation to a minimum depth of 0.5m to exposed roots for pruning according to good arboricultural practices. Privacy fence and grading to be completed in the final landscaping phase of development. Any post holes to be dug using air or hydro vac excavation.	Subject
4	White Pine	<i>Pinus strobus</i>	78	G	FG	FG	3	4.8	4.8	Moderate pruning wounds due to a raised crown, sparse	Preserve - injure	All work within the mTPZs to be supervised by a Certified Arborist.	Boundary
5	White Pine	<i>Pinus strobus</i>	56	FG	FG	G	3	3.6	3.6	Moderate pruning wounds due to a raised crown, crooks	Preserve - injure		Subject
6	Red Maple	<i>Acer rubrum</i>	35	FG	FG	FG	3	2.4	2.4	Moderate lean, minor broken branches, minor pruning wounds	Remove (development)		Neighbouring
7	Black Cherry	<i>Prunus serotina</i>	61	F	FP	F	3.5	4.2	4.2	Union at 4.5m, 1 stem dead, significant deadwood	Remove (condition)		Boundary
8	Little-leaf Linden	<i>Tilia cordata</i>	29	G	G	G	3	1.8	1.8		Remove (development)		Subject
9	White Pine	<i>Pinus strobus</i>	~60	G	FG	G	2.5	3.6	3.6	Moderate pruning wounds due to a raised crown, small live crown ratio	Preserve		Neighbouring
10	White Pine	<i>Pinus strobus</i>	~60	G	FG	G	2.5	3.6	3.6	Moderate pruning wounds due to a raised crown, minor pruning wounds due to a raised crown, minor broken branches	Preserve		Neighbouring
11	White Pine	<i>Pinus strobus</i>	72	G	FG	FG	4.5	4.8	4.8	minor pruning wounds due to a raised crown, minor broken branches	Remove (development)		Subject
12	White Pine	<i>Pinus strobus</i>	71	FG	FG	FG	5	4.8	4.8	minor pruning wounds due to a raised crown, minor broken branches, multiple leaders	Remove (development)		Subject
13	Red Maple	<i>Acer rubrum</i>	27	G	G	G	3.5	1.8	1.8	Minor broken branches	Remove (development)		Subject
14	White Pine	<i>Pinus strobus</i>	54	FG	FG	F	3	3.6	3.6	Moderate pruning wounds due to a raised crown, minor deadwood, minor broken branches	Remove (development)		Subject
15	Norway Maple	<i>Acer platanoides</i>	84	F	FP	FG	6	5.4	5.4	Vertical scaffold limbs, narrow branch unions, cross branches, minor branch unions, exposed roots	Remove (development)		Subject
16	White Pine	<i>Pinus strobus</i>	77	G	FG	FG	3.5	4.8	4.8	Moderate pruning wounds due to a raised crown, moderate broken branches	Remove (development)		Subject
17	White Pine	<i>Pinus strobus</i>	106	F	FG	FG	5.5	6.4	6.4	Co-dominant at 2.5m, moderate pruning wounds due to a raised crown, crooks	Remove (development)		Subject
18	Red Maple	<i>Acer rubrum</i>	49	F	F	FG	4	3.0	3.0	Curved, moderate pruning wounds/failure	Remove (development)		Subject
19	Red Maple	<i>Acer rubrum</i>	22.5	FG	F	F	2.5	1.8	1.8	Root zone excavated, significant pruning wounds due to a raised crown	Remove (development)		Subject
20	Little-leaf Linden	<i>Tilia cordata</i>	21	FG	G	G	2.5	1.8	1.8	Minor pruning wounds, root zone excavated	Remove (development)		Subject
21	Green Ash	<i>Fraxinus pennsylvanica</i>	15	FG	G	G	2	1.5	1.5	Co-dominant at 3.5m, minor pruning wounds, root zone excavated	Remove (development)		Subject
22	Little-leaf Linden	<i>Tilia cordata</i>	12.5	FG	FG	FG	1.5	1.5	1.5	Utility lines through crown	Remove (development)		Subject
23	Blue Spruce	<i>Picea pungens</i>	25	G	G	F	2	1.8	1.8	Utility lines through crown, minor pruning wounds due to a raised crown, minor asymmetrical crown due to competition	Remove (development)		Subject
24	Little-leaf Linden	<i>Tilia cordata</i>	21.5	G	G	G	2.5	1.8	1.8	Minor pruning wounds, minor epicormic branches	Preserve - injure	Fence to be installed during final landscaping phase of development, under supervision of a Certified Arborist. Post holes to be hand-dug.	City ROW
25	Little-leaf Linden	<i>Tilia cordata</i>	15	FG	G	G	2	1.5	1.5	Co-dominant at 4m, minor pruning wounds	Preserve - injure		City ROW
26	Little-leaf Linden	<i>Tilia cordata</i>	12.5	G	G	G	1.5	1.5	1.5	Minor pruning wounds	Preserve		City ROW
27	Apple species	<i>Malus sp.</i>	27.5	F	FP	FP	2.5	1.8	1.8	Utility lines through crown, significant pruning wounds with decay, moderate epicormic branches	Preserve		City ROW
28	Norway Maple	<i>Acer platanoides</i>	63	FG	F	FG	4	4.2	4.2	Moderate pruning wounds, vertical scaffold limbs, girdling roots	Remove (development)		City ROW (Boundary)
29	Little-leaf Linden	<i>Tilia cordata</i>	65	FP	F	FG	5	4.2	4.2	Narrow branch unions with moderate decay, significant epicormic branches	Remove (development)		Subject
30	Red Maple	<i>Acer rubrum</i>	25.30, 39 [55]	FP	FP	F	6	3.6	3.6	Multi-stemmed near base, moderate pruning wounds with decay, fruiting bodies, vertical scaffold limbs	Remove (condition)		City ROW
31	Norway Maple	<i>Acer platanoides</i>	56	F	FP	F	6	3.6	3.6	Union at 2m, vertical scaffold limbs, minor broken branches with decay	Remove (development)		City ROW
32	Austrian Pine	<i>Pinus nigra</i>	55	FG	F	F	4	3.6	3.6	Utility lines through crown, moderate pruning wounds due to a raised crown, sparse	Preserve - injure	Fence to be installed during final landscaping phase of development, under supervision of a Certified Arborist. Post holes to be hand-dug.	City ROW
33	Eastern White Cedar	<i>Thuja occidentalis</i>	13	G	G	G	1	1.5	1.5		Remove (development)		Subject

ARBORIST NOTE: Minor to moderate encroachment into the mTPZ of Tree 32 will be required to backfill the ditch and to install the proposed fence. The fence should be installed during the final landscaping phase of development, under supervision of a Certified Arborist. The post holes should be dug by hand and any exposed roots pruned according to good arboricultural practices.

*The effective DBH of multi-stemmed trees was calculated by taking the square root of the sum of the squares of the DBH of each stem.
**mTPZ distances are to be measured from the outside edge of the tree base towards the dripline and may be limited by an existing paved surface, provided the existing paved surface remains intact throughout the construction work.

30 September 2024
Date

Submission and Revision Notes			
No.	Description	Date	By
3	Report and Plan Revision	30 September 2024	AC
2	Report and Plan Revision	13 September 2024	AC
1	Report and Plan Submission	2 August 2024	AC

Source Data: Queenscorp Inc. (survey and site plan)

Project:
1148 and 1154 Mona Road
Mississauga, ON

Client:
Queenscorp Inc.
c/o Alexander Budrevics + Associates
Landscape Architects
895 Don Mills Road, Second Tower, Suite 212
Toronto, ON M3C 1W3

Date:
2 August 2024

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