

**T-Bar Detail**

**Tree Protection Hoarding**

**NOTES:**

- No attachment of posts to trees to be preserved.
- Precise location of tree protection hoarding to be verified on site by Landscape Architect.
- Tree protection fencing to be located 1m from the dripline of Tree.

**Tree Protection Zone Sign**

Tree Protection Zone (TPZ)

No equipment or vehicles to be operated, parked, repaired or refueled within the Tree Protection Zone. No construction activity, grade change, surface treatment or excavations to occur within the TPZ. No materials or fill may be stored within the TPZ. Tree protection hoarding to be inspected and maintained regularly and is not to be removed prior to the completion of construction nor without prior written approval from the Landscape Architect.

**L1-D1**

**TREE PROTECTION FENCING**

NOTE (1): A Verification of Tree Protection letter will be prepared by the tree management professional and submitted to the satisfaction of the City's Director of Planning, to confirm that all tree protection measures have been installed correctly.

NOTE (2): Where removal of a shared tree or adjacent tree is indicated, written approval by the shared/adjacent owner will be provided to the City under separate cover.

**MIGRATORY BIRDS**

- To assure compliance with the Migratory Birds Convention Act (MBCA 1994), incidental take of migratory birds, nests or eggs must be avoided by limiting activities during sensitive periods and mitigation measures to ensure appropriate nesting areas are re-established in the site.
- Vegetation clearing should not take place within the active nesting season between March 31<sup>st</sup> - August 31<sup>st</sup>.
- If the areas proposed for development are thoroughly checked during the active breeding season for bird nests by a qualified biologist during the construction phase, and no nests are found, then construction may be permitted.
- If any birds are found nesting, then in consultation with Environment Canada, a suitable buffer should be established around the nest, and no activities will be permitted within this buffer until the birds have left. However, it is possible to remove vegetation when fewer birds are breeding at the beginning and end of the timing window (i.e. Sept 1<sup>st</sup> - May 1<sup>st</sup>).

QTY	Tree Removal Statement and Compensation Statement
27	There were Twenty-seven municipal trees found on site. 16 trees are proposed for removal. The remaining 11 are to be retained and protected.
53	Fifty-three private trees were inventoried through topographic survey and arborist verification as a part of this application. Forty-one of the trees on the subject lands are proposed for removal. Of those 41, four are under 10 DBH. The remaining 12 are to be protected and retained. Therefore, compensation of 1:1 is 37.



- LEGEND:**
- Existing Tree to be Preserved
  - Existing Tree to be Removed
  - Tree Tag
  - Tree Protection Fencing

- Landscape Notes**
- Dimensions are shown in meters unless noted otherwise. Do not scale drawings.
  - Contractor to review layout on site with Landscape Architect prior to commencing work.
  - Contractor to verify grades and identify discrepancies prior to initiating work. Report any changes, discrepancies, or substitutions to the Landscape Architect for review prior to work.
  - It is the contractor's responsibility to locate and verify all existing utilities and services prior to construction.
  - Plant material support systems must be removed by the contractor at time of final acceptance. No extras will be paid to complete this work.
  - Contractor to provide minimum one (1) year warranty from date accepted on all work unless otherwise specified.
  - Grading and servicing shown is for information purposes. For grading and servicing information refer to engineering drawings.
  - For lighting information and power distribution refer to the electrical drawings.
  - Drawings are for construction only if Landscape Architects stamp is signed and dated by the Landscape Architect, and plans are approved by the Municipality.
  - Tree planting within the municipal right-of-way to be undertaken by the Municipality unless noted otherwise.
  - Unless otherwise specified all landscaped areas are to be sodded.
  - Unless otherwise specified, all undeveloped areas shall be undisturbed and kept free and clear of debris.
  - The Owner is to be aware of the Migratory Birds Convention Act, 1994. This Act is implemented by Environment Canada and the Owner is to make every effort to avoid removal of vegetation from the period of March 31st to August 31st



NOT FOR CONSTRUCTION



REVISIONS / SUBMISSIONS		
NO.	DESCRIPTION	DATE:

1 For Zoning By-Law Amendment 2022-11-24

**CLIENT:**

Delta Joint Venture Inc.

**PROJECT TITLE:**

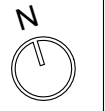
1284 Main Street East

**SHEET TITLE:**

Tree Protection Plan

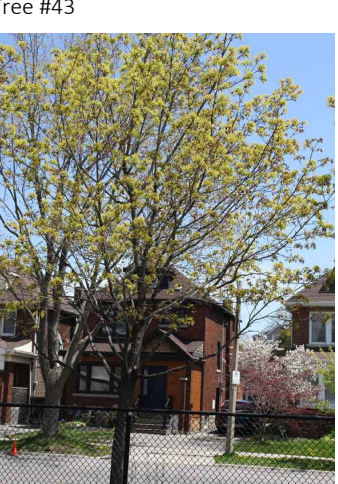
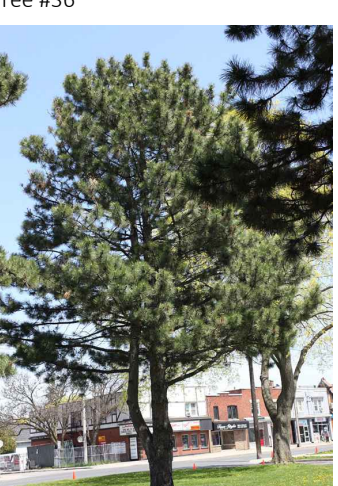
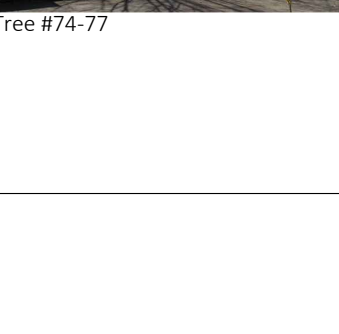
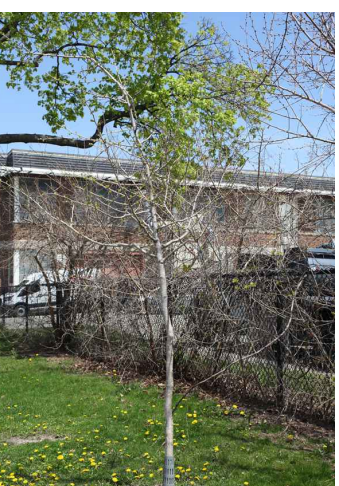
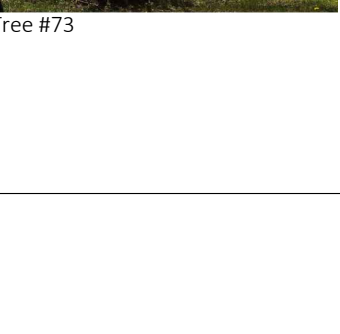
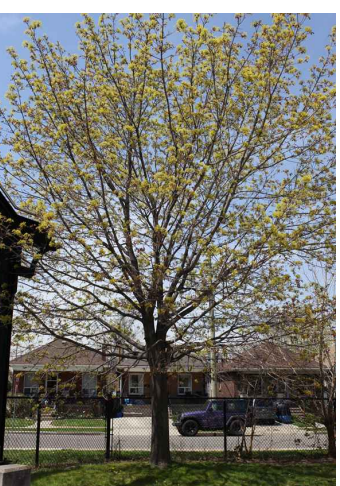
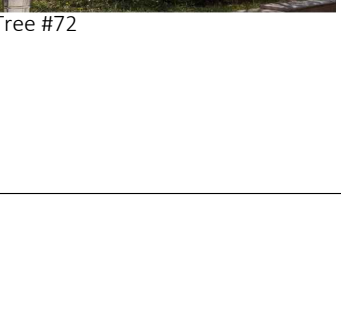
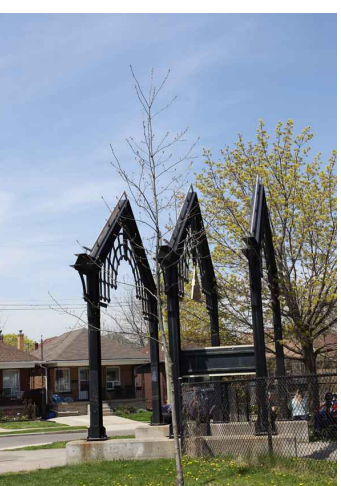
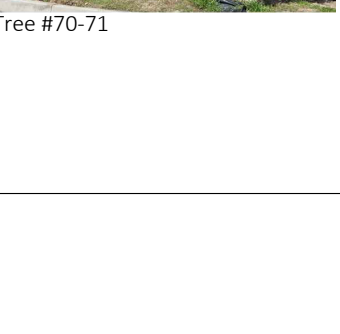
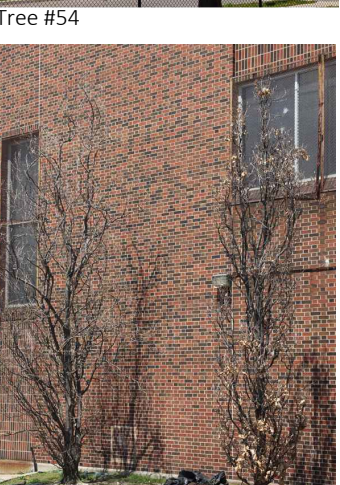
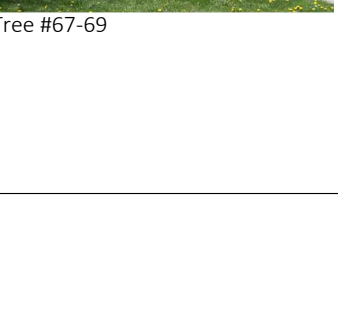
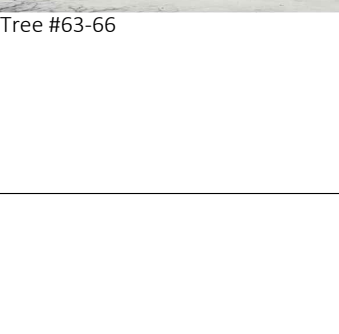
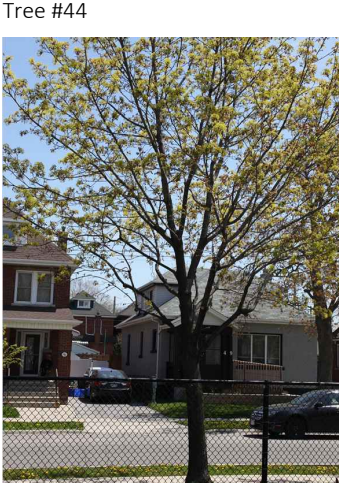
DWG No. L2	DRAWN BY: JM
SHEET No. 2 of 3	DESIGN BY: LWS and JM
PROJECT No: 070-22	CHECKED BY: LWS
SCALE: As shown	NORTH ARROW:

Whitehouse Urban Design Inc.  
3 Shadabaker Place, Unit 1, Hamilton, ON L8L 0C8  
905-546-1897





Tree #	Botanical Name	Common Name	DBH (cm)	Canopy Width (m)	Health Condition	Structural Condition	Fair-Good Health	Fair-Good Structure	Ownership	Comments	Recommendation: Rationale
1	Acer rubrum	Red Maple	20	6	Fair	Fair	x	x	Municipality		Retain
2	Acer platanoides	Norway Maple	26	6	Good	Fair	x	x	Municipality		Remove: Tree within sidewalk required by city.
3	Liquidambar styraciflura	American Sweetgum	6	1	Good	Good	x	x	Municipality		Remove: Tree within sidewalk required by city.
4	Acer platanoides	Norway Maple	28	6	Good	Fair	x	x	Municipality		Remove: Tree within sidewalk required by city.
5	Acer rubrum	Red Maple	12	3	Good	Good	x	x	Municipality		Remove: Tree within sidewalk required by city.
6	Fagus sylvatica	European Beech	56	10	Good	Good	x	x	Private: Client	Twin Stem 20,36	Remove: Tree within proposed entry road.
7	Acer platanoides	Norway Maple	30	8	Fair	Poor	x		Private: Client		Remove: Trees proximity to proposed building and servicing precludes preservation.
8	Acer platanoides	Norway Maple	60	8	Fair	Fair	x	x	Municipality		Remove: Tree within sidewalk required by city.
9	Acer platanoides	Norway Maple	12	4	Fair	Fair	x	x	Municipality		Remove: Tree within sidewalk required by city.
10	Acer platanoides	Norway Maple	36	10	Fair	Fair	x	x	Municipality		Remove: Tree within sidewalk required by city.
11	Acer platanoides	Norway Maple	25	8	Good	Fair	x	x	Private: Client		Remove: Trees proximity to proposed underground parking precludes preservation.
12	Quercus rubra	Red Oak	6	2	Fair	Fair	x	x	Municipality		Retain
13	Acer platanoides	Norway Maple	30	8	Good	Good	x	x	Private: Client		Retain
14	Ginkgo biloba	Ginkgo Tree	4	1	Fair	Fair	x	x	Private: Client		Remove: Tree within proposed walkway.
15	Acer platanoides	Norway Maple	60	8	Poor	Poor			Municipality		Retain: Special permission to be requested from Forestry section to align walkway connection underexisting tree canopy.
16	Acer rubrum	Red Maple	10	4	Good	Good	x	x	Municipality		Remove: Tree within proposed walkway.
17	Celtis Occidentalis	Common Hackberry	10	5	Good	Good	x	x	Municipality		Remove: Tree within proposed walkway.
18	Celtis Occidentalis	Common Hackberry	10	4	Good	Good	x	x	Municipality		Remove: Tree within proposed walkway.
19	Gleditsia tricanthos inermis	Throless Honeylocust	26	8	Good	Good	x	x	Municipality		Retain
20	Acer platanoides	Norway Maple	30	8	Fair	Fair	x	x	Municipality		Retain
21	Gleditsia tricanthos inermis	Throless Honeylocust	36	8	Good	Good	x	x	Municipality		Retain: Special permission to be requested from Forestry section to align walkway connection underexisting tree canopy.
22	Acer platanoides	Norway Maple	34	8	Fair	Fair	x	x	Municipality		Retain: Special permission to be requested from Forestry section to align walkway connection underexisting tree canopy.
23	Pinus nigra	Austrian Pine	44	10	Fair	Fair	x	x	Private: Client		Retain
24	Pinus nigra	Austrian Pine	88	12	Fair	Fair	x	x	Private: Client		Retain
25	Pinus nigra	Austrian Pine	58	12	Fair	Fair	x	x	Private: Client		Retain
26	Pinus nigra	Austrian Pine	42	10	Fair	Fair	x	x	Private: Client		Remove: Tree within proposed walkway.
27	Pinus nigra	Austrian Pine	44	10	Fair	Fair	x	x	Private: Client		Retain
28	Acer platanoides	Norway Maple	50	8	Fair	Fair	x	x	Municipality		Retain
29	Pinus nigra	Austrian Pine	44	8	Fair	Fair	x	x	Private: Client		Remove: Trees Proximity to proposed walkway precludes preservation.
30	Crataegus laevigata 'Pauls Scarlet'	Pauls Scarlet Hawthorn	42	10	Good	Fair	x	x	Private: Client	Paul Scarlet, Suckered Clump	Retain
31	Acer platanoides	Norway Maple	20	6	Fair	Poor	x		Private: Client		Remove: Maintain views to building façade as requested by heritage.
32	Acer platanoides	Norway Maple	30	8	Fair	Poor	x		Private: Client		Remove: Maintain views to building façade as requested by heritage.
33	Pinus nigra	Austrian Pine	38	10	Good	Good	x	x	Private: Client		Retain
34	Acer saccharum	Suagr Maple	80	12	Good	Fair	x	x	Private: Client		Retain
35	Pinus nigra	Austrian Pine	44	12	Good	Fair			Private: Client		Remove:Conflicts with the proposed tree lined allee that enhances the symmetry and beaux arts character of the cultural heritage landscape. Poor quality tree.
36	Pinus nigra	Austrian Pine	40	8	Fair	Fair			Private: Client		Remove:Conflicts with the proposed tree lined allee that enhances the symmetry and beaux arts character of the cultural heritage landscape. Poor quality tree.
37	Pinus nigra	Austrian Pine	40	8	Good	Good	x	x	Private: Client		Retain
38	Thuja occidentalis 'Smaragd'	Emerald Cedar	6	1	Good	Good	x	x	Private: Client		Remove: Tree within proposed walkway.
39	Acer negundo	Manitoba Maple	36	10	Good	Fair	x	x	Private: Client		Remove: Tree within proposed walkway.
40	Pinus nigra	Austrian Pine	40	8	Poor	Poor			Private: Client		Remove: Tree within proposed walkway.
41	Pinus nigra	Austrian Pine	70	10	Good	Fair	x	x	Private: Client	Co-Dominant Stems, 38,32	Retain
42	Pinus nigra	Austrian Pine	50	12	Fair	Fair	x	x	Private: Client		Retain
43	Pinus nigra	Austrian Pine	50	10	Fair	Fair	x	x	Private: Client		Retain
44	Acer platanoides	Norway Maple	88	14	Good	Fair	x	x	Municipality		Retain
45	Quercus rubra	Red Oak	10	1.5	Good	Fair	x	x	Private: Client		Retain
46	Acer rubrum	Red Maple	88	3	Good	Fair	x	x	Municipality		Remove: Trees Proximity to proposed walkway precludes preservation.
47	Acer platanoides	Norway Maple	38	8	Fair	Poor	x	x	Municipality		Remove: Trees Proximity to proposed building precludes preservation.
48	Acer platanoides	Norway Maple	40	10	Fair	Poor	x		Municipality		Remove: Trees Proximity to proposed building precludes preservation.
49	Acer platanoides	Norway Maple	28	6	Good	Good	x	x	Private: Client		Remove: Trees Proximity to proposed building precludes preservation.
50	Acer platanoides	Norway Maple	20	6	Good	Fair	x	x	Municipality		Remove: Trees Proximity to proposed building precludes preservation.
51	Acer platanoides	Norway Maple	24	6	Good	Fair	x	x	Municipality		Remove: Trees Proximity to proposed building precludes preservation.
52	Acer platanoides	Norway Maple	22	6	Good	Fair	x	x	Municipality		Remove: Trees Proximity to proposed building precludes preservation.
53	Morus alba	White Mulberry	20	8	Good	Poor	x	x	Private: Client	Suckered Clump	Remove:Trees proximity to proposed underground parking precludes preservation.
54	Acer platanoides	Norway Maple	50	5	Good	Poor	x		Municipality		Retain
55	Acer platanoides	Norway Maple	26	4	Fair	Poor	x		Private: Client	Target Canker	Remove: Tree within visibility triangle.
56	Gleditsia tricanthos inermis	Throless Honeylocust	20	4	Good	Good	x	x	Private: Client		Remove: Tree within building footprint.
57	Gleditsia tricanthos inermis	Throless Honeylocust	20	4	Good	Good	x	x	Private: Client		Remove: Tree within building footprint.
58	Gleditsia tricanthos inermis	Throless Honeylocust	24	4	Good	Good	x	x	Private: Client		Remove: Tree within internal roadway.
59	Quercus alba	White Oak	30	6	Good	Good	x	x	Private: Client		Remove: Tree within building roadway.
60	Gleditsia tricanthos inermis	Throless Honeylocust	20	6	Good	Good	x	x	Private: Client		Remove: Tree within building footprint.
61	Gleditsia tricanthos inermis	Throless Honeylocust	20	6	Good	Good	x	x	Private: Client		Remove: Tree within building footprint.
62	Gleditsia tricanthos inermis	Throless Honeylocust	20	8	Good	Good	x	x	Private: Client		Remove: Tree within building footprint.
63	Quercus robur	English Oak	22	4	Good	Good	x	x	Private: Client	Pyramidal	Remove: Trees Proximity to proposed building precludes preservation.
64	Quercus robur	English Oak	24	4	Good	Good	x	x	Private: Client	Pyramidal	Remove: Trees Proximity to proposed building precludes preservation.
65	Quercus robur	English Oak	20	4	Good	Good	x	x	Private: Client	Pyramidal	Remove: Trees Proximity to proposed building precludes preservation.
66	Quercus robur	English Oak	22	4	Good	Good	x	x	Private: Client	Pyramidal	Remove: Trees Proximity to proposed building precludes preservation.
67	Quercus robur	English Oak	22	4	Good	Good	x	x	Private: Client	Pyramidal	Remove: Tree within building footprint.
68	Quercus robur	English Oak	6	1	Good	Good	x	x	Private: Client	Pyramidal	Remove: Tree within building footprint.
69	Quercus robur	English Oak	8	1	Poor	Poor			Private: Client	Pyramidal	Remove: Tree within building footprint.
70	Quercus robur	English Oak	8	1	Fair	Fair	x	x	Private: Client	Pyramidal	Remove: Tree within building footprint.
71	Quercus robur	English Oak	10	1.5	Fair	Fair	x	x	Private: Client	Pyramidal	Remove: Tree within building footprint.
72	Tilia cordata	Littleleaf Linden	50	5	Good	Fair	x	x	Private: Client	Clump	Remove: Tree within building footprint.
73	Tilia cordata	Littleleaf Linden	51	5	Fair	Poor	x		Private: Client	Clump	Remove: Tree within proposed walkway.
74	Tilia cordata	Littleleaf Linden	22	6	Good	Good	x	x	Private: Client		Remove: Tree within proposed driveway.
75	Tilia cordata	Littleleaf Linden	20	4	Good	Good	x	x	Private: Client		Remove: Tree within proposed driveway.
76	Tilia cordata	Littleleaf Linden	18	4	Good	Good	x	x	Private: Client		Remove: Tree within building footprint.
77	Tilia cordata	Littleleaf Linden	26	6	Good	Good	x	x	Private: Client		Remove: Tree within building footprint.
78	Quercus robur	English Oak	20	4	Good	Good	x	x	Private: Client		Remove: Tree within proposed walkway.
79	Quercus robur	English Oak	22	4	Good	Good	x	x	Private: Client	Pyramidal	Remove: Tree within proposed walkway.
80	Quercus robur	English Oak	12	3	Good	Good	x	x	Private: Client	Pyramidal	Remove: Tree within proposed walkway.



LEGEND:

- Landscape Notes**
- Dimensions are shown in meters unless noted otherwise. Do not scale drawings.
  - Contractor to review layout on site with Landscape Architect prior to commencing work.
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STAMP:



NOT FOR CONSTRUCTION



REVISIONS / SUBMISSIONS

NO.	DESCRIPTION	DATE:

1 For Zoning By-Law Amendment 2022-11-24

CLIENT:

Delta Joint Venture Inc.

PROJECT TITLE:

1284 Main Street East

SHEET TITLE:

Tree Protection Plan

DWG No. L3	DRAWN BY: JM
SHEET No. 3 of 3	DESIGN BY: LWS and JM
PROJECT No: 070-22	CHECKED BY: LWS
SCALE: As shown	NORTH ARROW:

