



Flexible bistro seating



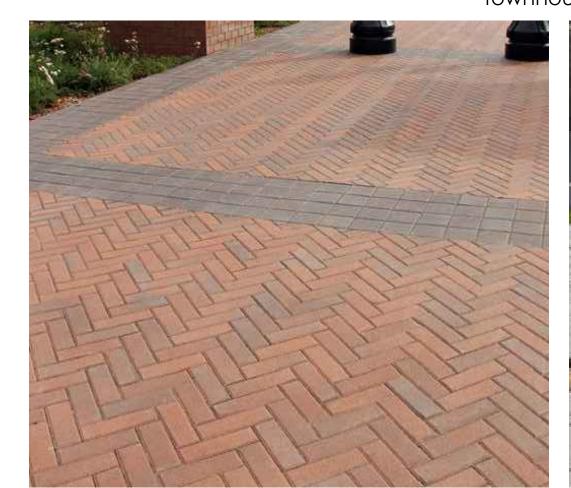
Round tree grates represent train wheels



Urban Brialle



Alcove seating nodes to represent the historic townhouse alcoves



Heritage paving pattern and colour



Concrete cube seats



Bike racks to represent front of train grill



Benches

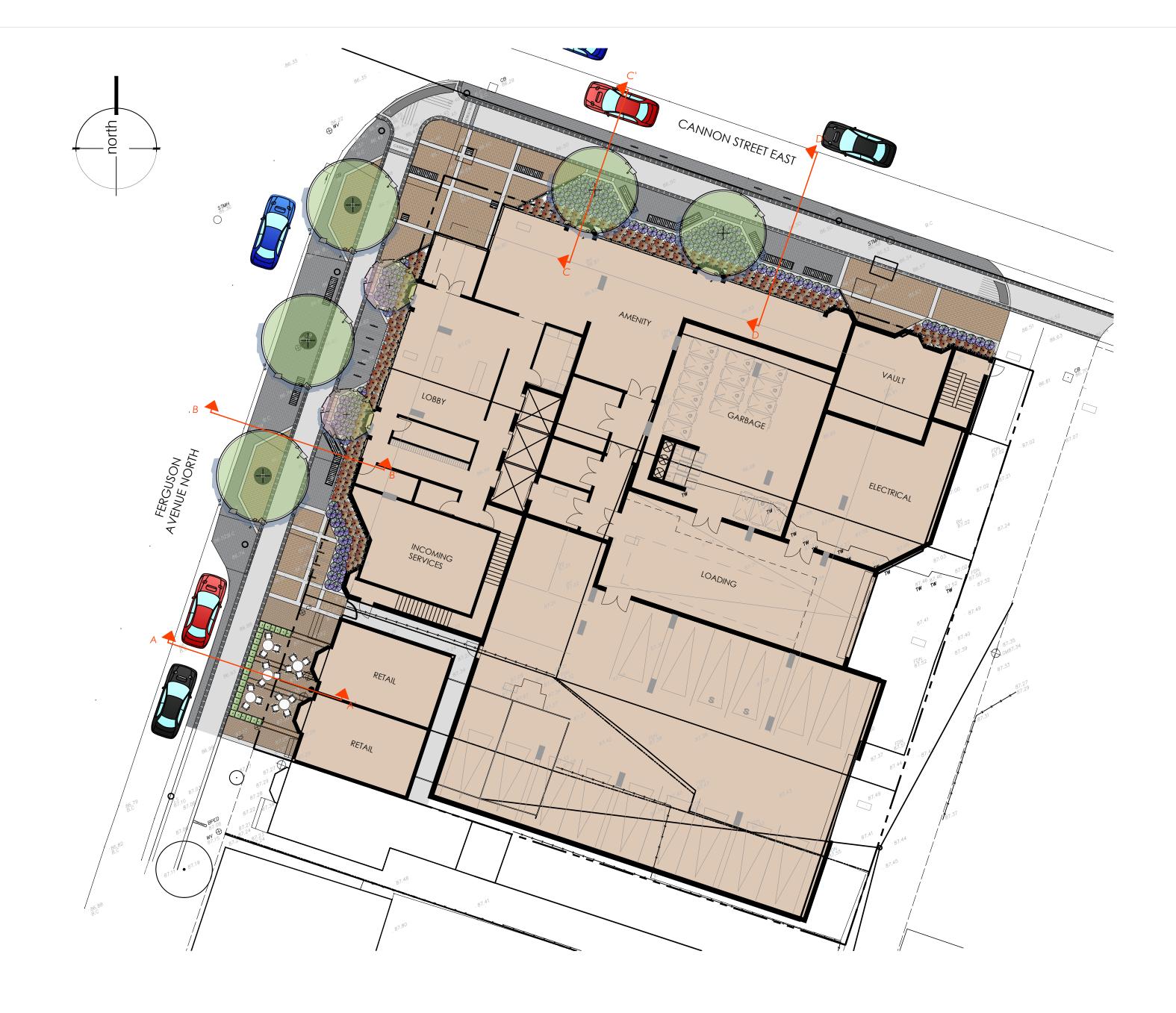




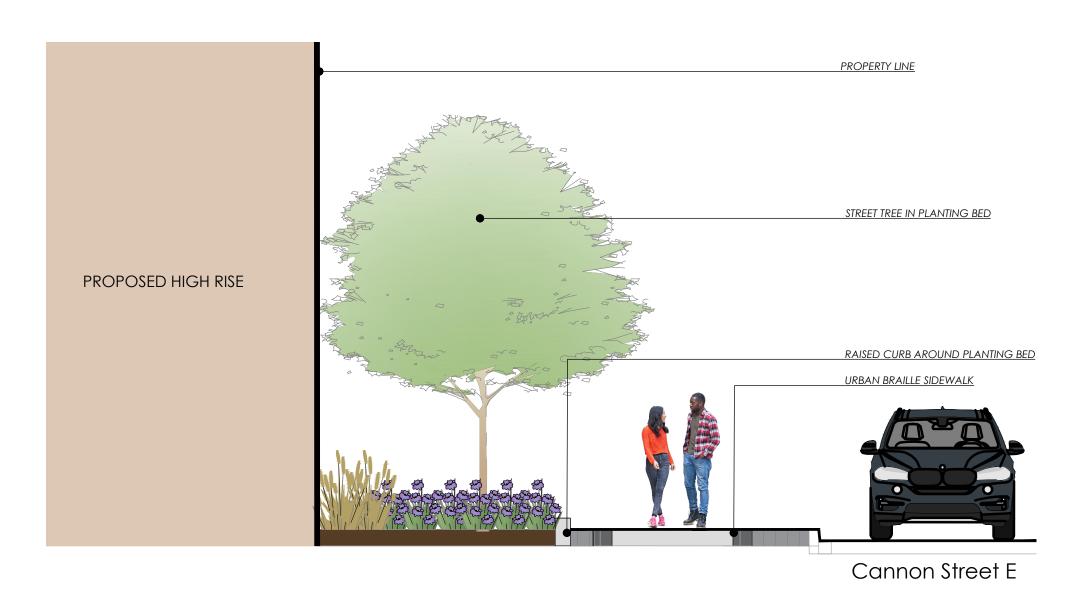
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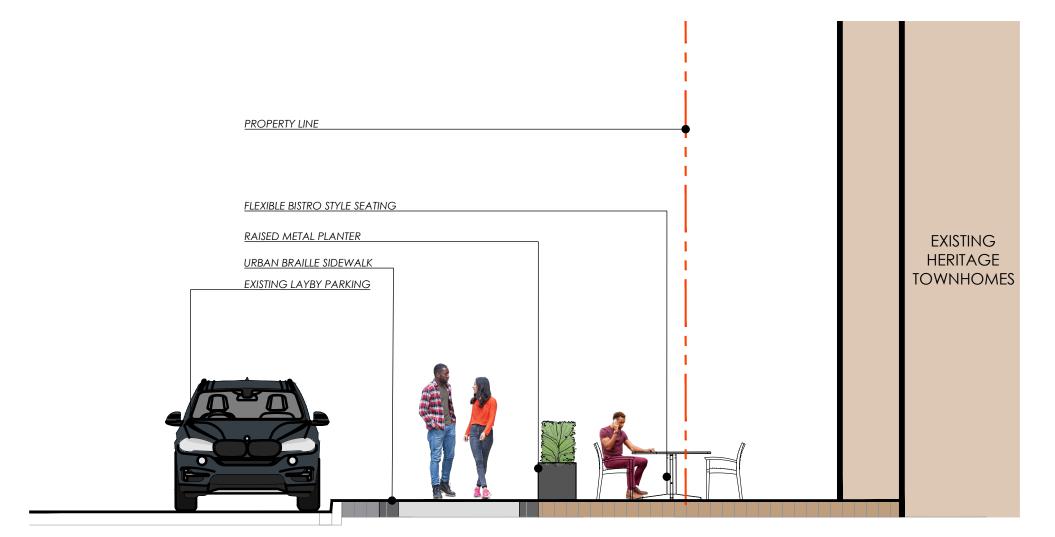
188 Cannon Street E and 134-136 Ferguson Ave N Hamilton, Ontario



SECTION CC'

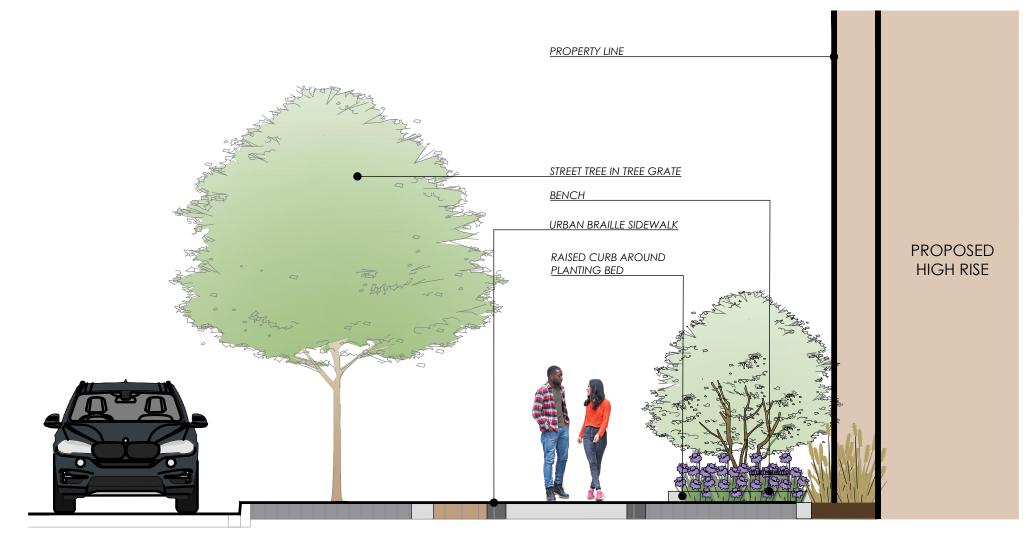


SECTION AA'



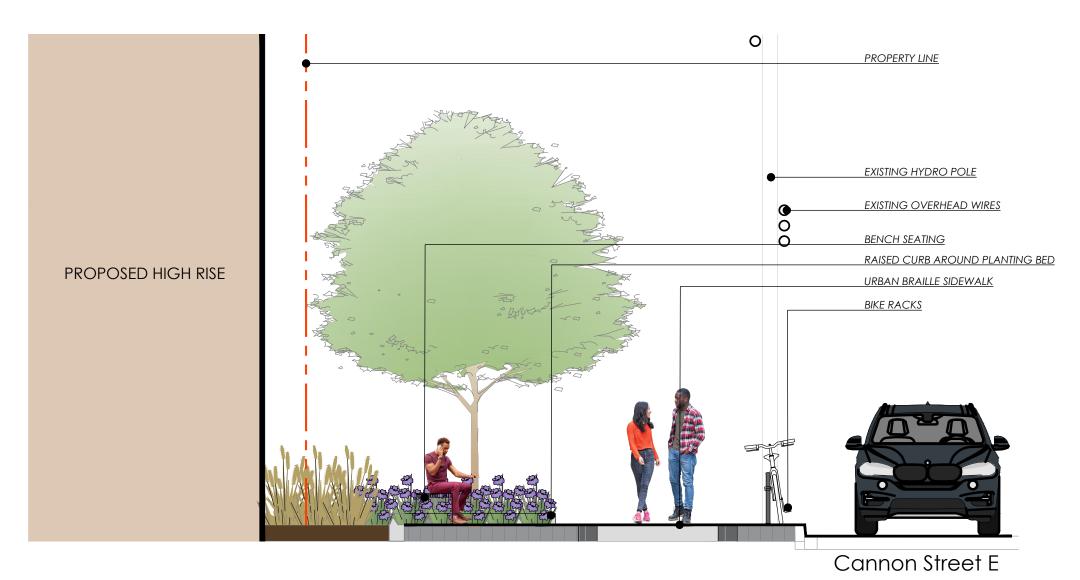
Ferguson Avenue North

SECTION BB'



Ferguson Avenue North

SECTION DD'



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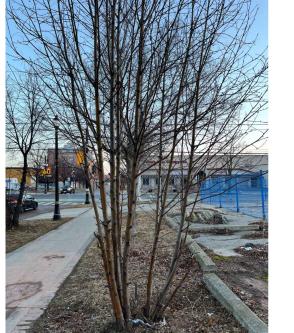


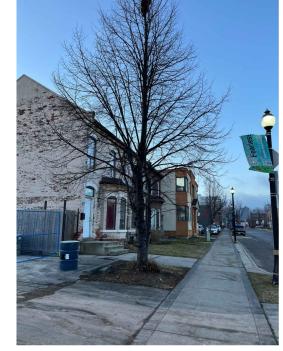
Tree 2

Tree 5



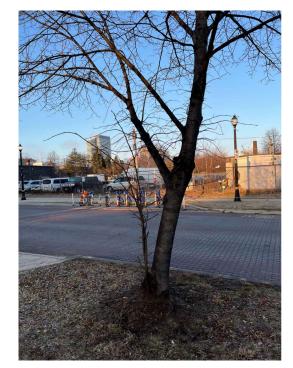




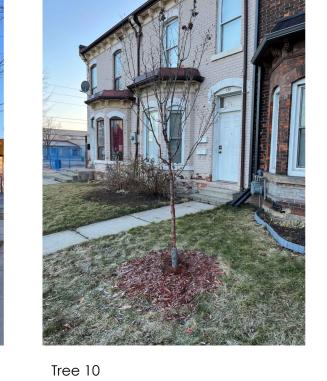




Tree 6







NOTE

- A 'Verification of Tree Protection Letter' by the tree management professional is to be provided to the Director of Planning at the City of Hamilton to confirm that all tree protection measures have been installed prior to the undertaking of any grading activities.
- Any arborist completing tree removals on-site is required to have a tree cutting licence with the City of Hamilton. Please contact the City's licensing section (licensing@hamilton.ca) for licensing or further information.

HAND PRUNING /DIGGING NOTE

NOTE:

1. Any work within the driplines of a tree to be preserved, to be completed carefully by hand under supervision of a qualified tree professional. Any required root pruning to be completed by a qualified tree professional.

PRIVATE TREES > 10cm DBH TO BE REMOVED:	1
municipal trees to be removed*:	7
REQUIRED COMPENSATION TREES (1:1)	8
FUTURE STREET TREES (SEE LANDSCAPE PLAN)	7
PROPOSED PRIVATE TREES (SEE LANDSCAPE PLAN)	0
OUTSTANDING COMPENSATION TREES TO BE COMPENSATED FOR THROUGH CASH-IN-LIEU PAYMENT	1
*Removal of municipal trees requires approval from City	of Hamilton

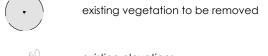
Urban Forestry prior to removal.

KEY MAP - N.T.S. HAMILTON

LEGEND

existing tree number (refer to chart)

existing vegetation to remain



ISSUED FOR REVIEW & COMMENTS ONLY

Vegetation inventory undertaken by Carleigh Pope, ISA Certified Arborist (ON-2578A) on 2024-02-23.

REVISIONS/ SUBMISSIONS

DESCRIPTION 1 2024-03-07 Issued for submission



Vantage Development Corporation MUNICIPALITY City of Hamilton

PROJECT 188 Cannon Street E & 134-136 Ferguson Ave N

MUNICIPAL FILE NUMBER

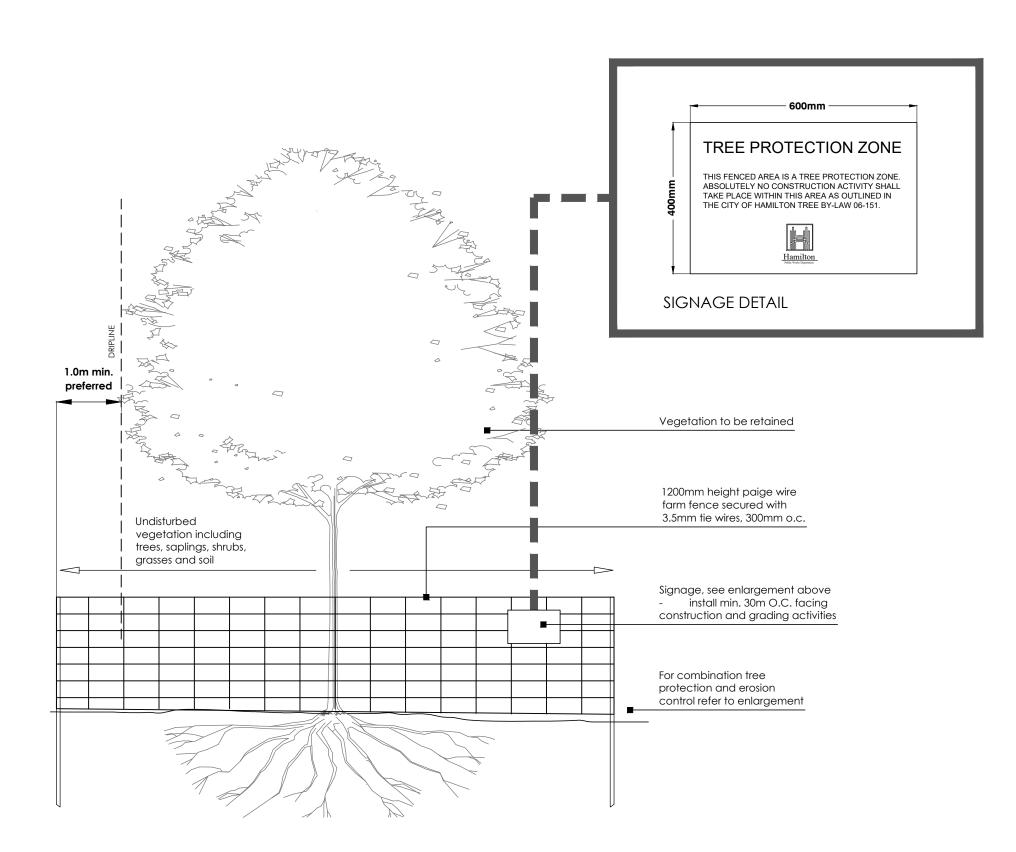
Tree Protection Plan

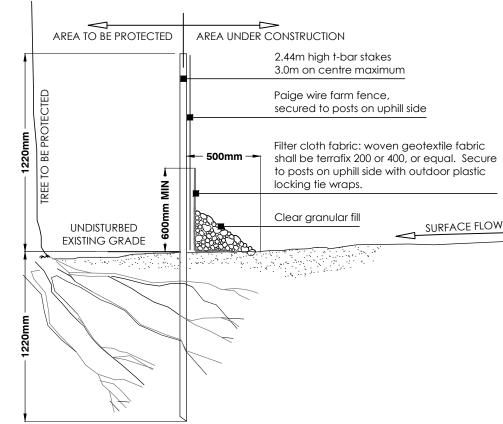
L-1

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- 1. The area within the dripline of all existing trees shall be properly
- protected with temporary fencing. 2. The area within the protective fencing shall remain undisturbed with no construction activity, grade changes, surface treatment, compaction, or excavation. Area shall not be used for the storage of building materials or equipment access/storage or project related
- 3. Tree protection measures shall be installed prior to any demolition, tree removal or construction and shall remain until the completion of fine grading and sodding or seeding.
- 4. Prune all trees for dead, diseased, weak or hazardous branches only. Also trim back branches which will interfere with construction, prune
- for structural restoration where necessary. 5. No stockpiles and/or excavated material shall be placed within the tree preservation area.
- No rigging cable shall be wrapped around or installed to trees. Where root systems of protected trees are exposed directly adjacent to or damaged by construction work they are to be root pruned and the area back filled with topsoil to prevent root desiccation. An Arborist is required to be on site for any injury or cutting to the root system or surface roots of a protected tree.
- 8. Any fine grading within the preservation area is to be done by hand. no heavy equipment is permitted within the preservation zone.
- 9. Sediment accumulations to be removed by subdivider/builder when sediment deposits reach within 150mm of top of filter fabric barrier. 10. City of Hamilton Urban Forester to be contacted and a site visit to be coordinated between the City of Hamilton, the Developer and the qualified arborist performing tree service prior to any alteration of
- A copy of the approved and signed Vegetation Management Plan will be on site for the duration of construction and available upon request from the City of Hamilton Forestry & Horticulture
- representative.
- 12. This detail does not represent any particular tree species.

EXISTING VEGETATION IDENTIFICATION TABLE

Tree Protection Fencing (with silt fence)

Tree #	Species (Common Name)	Species (Botanical Name)	DBH (cm)	Crown Class*	Condition**	Crown Width (m)	Comments	Potential Impacts from Construction	Ownership	Recommendation
1	Hackberry	Celtis occidentalis	22	D	G	5	Slight northward lean (minor)	Conflict with streetscape reconfigeration. Grading within rootzone.	Public	REMOVE
2	Green Vase Zelkova	Zelkova serrata 'Green Vase'	18	D	F-G	4	Slight northward lean (minor), Included Bark, Dead/Broken branches in canopy	Grading within rootzone due to proposed building.	Public	REMOVE
3	Hackberry	Celtis occidentalis	20	D	G	6	Epicormic branching (minor)	Grading within rootzone due to proposed building.	Public	REMOVE
4	European Mountain Ash	Sorbus acuparia	7x5	D	Р	3	Suckering stump	Grading within rootzone due to proposed building.	Public	REMOVE
5	Littleleaf Linden	Tilia cordata	33, 15, 10, 6	D	F	6	Co-dominant leaders at base, Poor Form, Epicormic Branching (severe), Included Bark	Conflict with streetscape reconfigeration. Grading within rootzone.	Public	REMOVE
6	Ornamental Pear	Pyrus calleryana	10, 10, 12	D	F	3	Suckering stump		Public	SAVE
7	Littleleaf Linden	Tilia cordata	22	D	F-P	4	Northward lean (moderate), Asymmetrical Canopy	Conflict with streetscape reconfigeration. Grading within rootzone.	Public	REMOVE
8	Littleleaf Linden	Tilia cordata	15,16	D	Р	4	Watersprouts, Co-dominant Leaders at 0.5m	Conflict with streetscape reconfigeration. Grading within rootzone.	Public	REMOVE
9	Tree of Heaven	Ailanthus altissima	2x12	D	F	3	TREE NOT SURVEYED - Poor Form, Poor Branch Taper, Conflict with Existing Wood Privacy Fence	Conflict with propsoed building.	Private	REMOVE
10	China Snow Lilac	Syringa pekinesis 'China Snow'	3	D	G	1	TREE NOT SURVEYED - Newly planted		Public	SAVE

CHART LEGEND/CODES

Dominant- (D) Emergent canopy (receives full sunlight) Co-dominant - (C) Not fully emergent (top of canopy receives sunlight) Intermediate - (I) Sub-canopy tree (receives partial sunlight)

** CONDITION - consideration of trunk integrity, crown structure and crown vigor Good - few or no issues related to trunk integrity, crown structure or crown vigor Fair - minor issues related to trunk integrity, crown structure (form, some dead or damged branches) or crown vigor (20-80% healthy foliage) Poor - issues with trunk integrity such as cavities or exposed dead wood, poor crown structure (poor form, no clear leader, significant dead or damaged branches) or poor crown vigor (<20% healthy foliage)

CONDITION OF TREES

The decision to remove or retain a tree is subject to the forecasted development impacts, the structural condition of the tree (e.g. cracks, cavities, decay, weak branching, leaning, hazard potential), the biological condition of the tree (e.g. pest or disease concerns, overall health) and the suitability of the tree in its location (e.g. hardiness, soil conditions, salt tolerance, visual obstruction, available Written permission from the neighbouring property owner is required prior to removal or injury of any boundary tree(shared ownership) or any tree that is not fully on the subject property.

MIGRATORY BIRDS AND NESTS:

- 1. The Owner and Contractor must be aware of the Migratory Birds Convention Act, 1994 - specifically;
 - No tree removal or construction activity shall contravene the Construction activities with the potential to harm migratory
 - birds or their nest should be restricted from March 15 to August
 - If work must occur during the migratory bird breeding season, a nest survey should be taken by a qualified avian biologist. A mitigation plan (showing active nests and appropriate buffers) may be required for review and approval by the Canadian Wildlife Services.

TREE REMOVAL:

1. No trees shall be removed prior to municipal approvals of the Tree Management/Tree Preservation Plan.

BOUNDARY TREES: 2. Note that boundary trees are protected under the Ontario Forestry Act. Boundary trees are defined in the Forestry Act (Section 10.2) and are considered shared or co-owned property. The Forestry Act indicates that it is a prosecutable offense for one co-owner to injure or cut down a boundary tree without the other co-owner's

- 3. Written permission from the neighbouring property owner is required prior to removal or injury of any boundary tree(shared ownership) or
- any tree that is not fully on the subject property. 4. An ISA certified Arborist should be on site prior to any work being
- performed within the rootzone of a boundary or neighbouring tree to perform root pruning as required.

NOT FOR CONSTRUCTION ISSUED FOR REVIEW & COMMENTS ONLY

Vegetation inventory undertaken by Carleigh Pope, ISA Certified Arborist (ON-2578A) on 2024-02-23.

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STAMP



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Tree Protection Plan

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