

 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.

HAND PRUNING /DIGGING NOTE

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

1. Neighbouring landowner(s) shall be notified of any possible impact to Tree 6 and Tree 7 prior to construction.

PRIVATE TREES > 10cm DBH TO BE REMOVED:	4
MUNICIPAL TREES TO BE REMOVED*:	0
REQUIRED COMPENSATION TREES (1:1)	4
FUTURE STREET TREES:	3
PROPOSED TREES (SEE LANDSCAPE PLAN)	8
OUTSTANDING COMPENSATION TREES TO BE COMPENSATED FOR THROUGH CASH-IN-LIEU PAYMENT	0

*Removal of municipal trees requires approval from City of Hamilton Urban Forestry prior to removal.





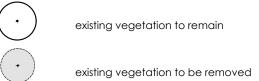






LEGEND

existing tree number (refer to chart)





existing elevations

tree protection fence (with silt fence) - see detail D1, L-2

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Vegetation inventory undertaken by Adesso Design Inc., on 2023-07-10.

REVISIONS/ SUBMISSIONS

DESCRIPTION 1 2023-07-25 Issued for review 2 2023-08-10 Issued for review

CLIENT LJM Developments

PROJECT 1600 Upper James Street

MUNICIPAL FILE NUMBER

Hamilton, ON

City of Hamilton

MUNICIPALITY

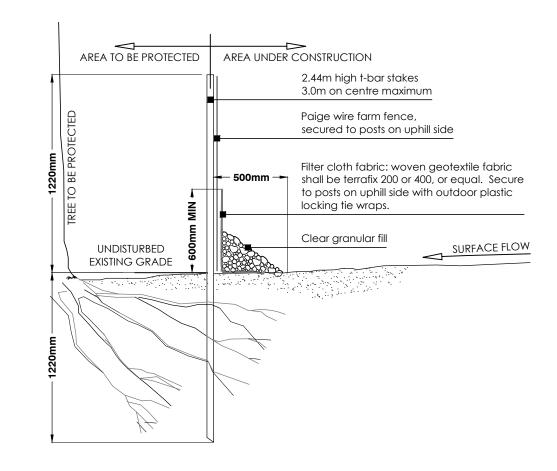
Tree Protection Plan

L-1

adesso design inc. landscape architecture



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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
- 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
- 11. 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.

Potential Impacts from Construction

Tree Protection Fencing (with silt fence)

Tree # Species (Common Name) Species (Botanical Name) DBH (cm) Crown Class* Condition**

Ownership Recommendation

						(111)					
1	Eastern White Cedar	Thuja occidentalis	12	CD	Р	2.5	1.25	Covered in VC, severe dieback, growing next to fence	None	Neighbouring	Save
2	Eastern White Cedar	Thuja occidentalis	12	CD	Р	2.5	1.25	Covered in VC, severe dieback, growing next to fence	None	Neighbouring	Save
3	Eastern White Cedar	Thuja occidentalis	13	CD	Р	2.5	1.25	Covered in VC, severe dieback, growing next to fence	None	Neighbouring	Save
4	Eastern White Cedar	Thuja occidentalis	11	CD	Р	2.5	1.25	Covered in VC, severe dieback, growing next to fence	None	Neighbouring	Save
5	Eastern White Cedar	Thuja occidentalis	20	CD	FP	2.5	1.25	Union at base of crown	None	Neighbouring	Save
6	White mulberry	Morus alba	10	CD	G	7.5	3.75	Bottom half of tree covered in VC, poor form, moderate dieback	Conflict with proposed driveway	Boundary	Remove
7	Manitoba maple	Acer negundo	13.6	D	F	9	4.5	Growing in fence, WS, competing with Rhus typhina	Conflict with proposed driveway	Boundary	Remove
8	Manitoba maple	Acer negundo	12, 24	D	F	6	3	Multiple leaders, poor form, leaning north	Conflict with proposed driveway	Private	Remove
9	Siberian Elm	Ulmus pumila	25	CD	FG	5	2.5	Weak canopy, dieback present, broken leader	Conflict with proposed driveway	Private	Remove

Comments

Co-dominant - (C) Not fully emergent (top of canopy receives sunlight)

Dominant- (D) Emergent canopy (receives full 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 soil volume)

CHART LEGEND/CODES

DBH: Diameter at Breast Height (cm)

Trunk Integrity (TI): G = Good, F = Fair, P = Poor

Crown Structure (CS): G = Good, F = Fair, P = Poor

Crown Vigor (CV): G = Good, F = Fair, P = Poor

Crown Class: D = Dominant, CD = Codominant, I = Intermediate, S = Suppressed

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.

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

permission. 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

MIGRATORY BIRDS AND NESTS:

to perform root pruning as required.

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.

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LJM Developments MUNICIPALITY City of Hamilton

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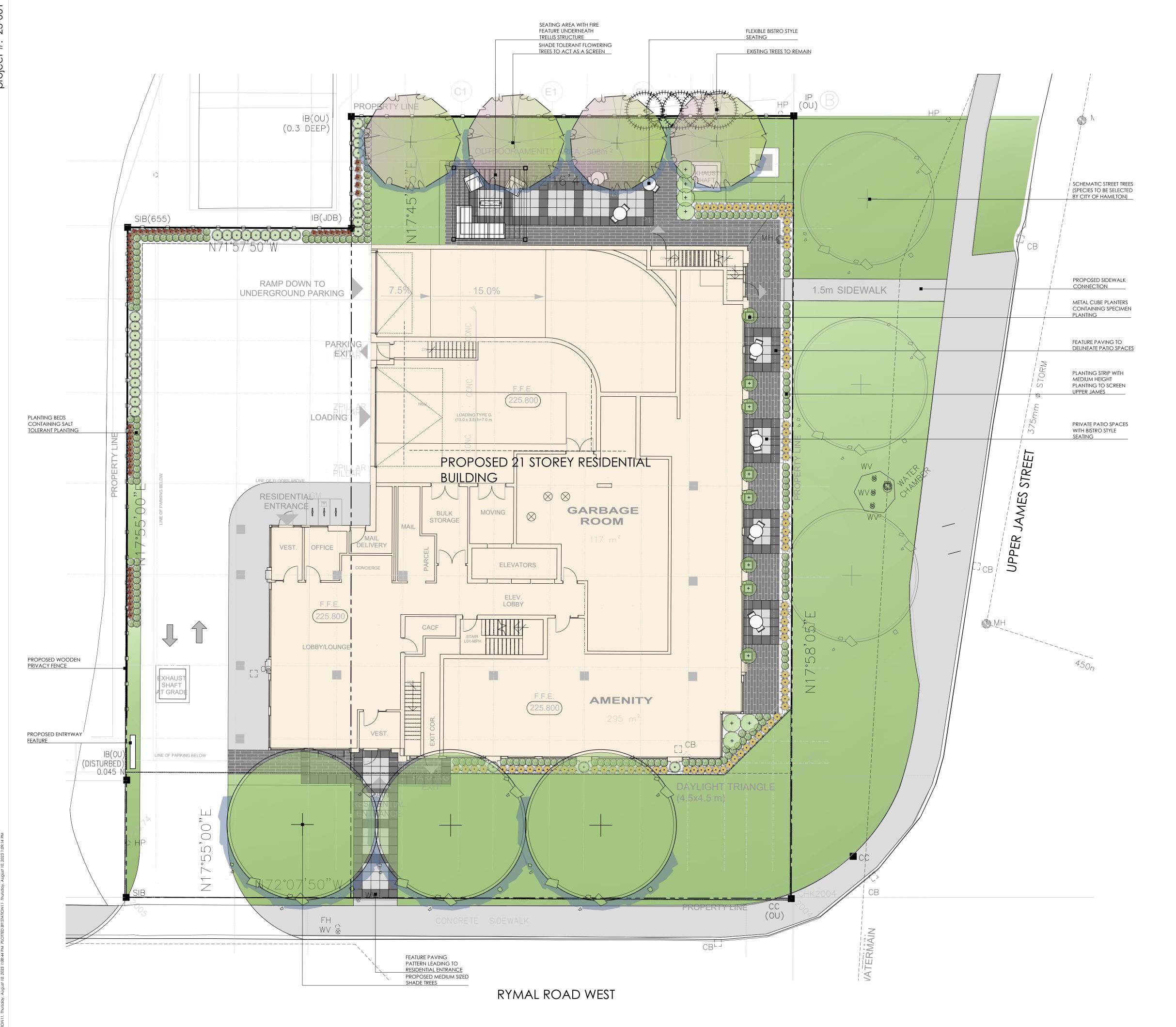
Tree Protection Plan

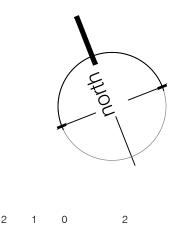
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FEATURE PAVING PATTERN TO DELINEATE SPACES



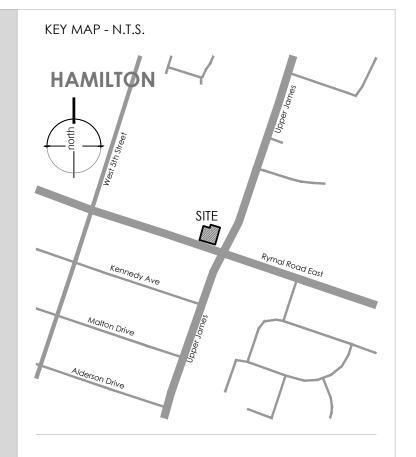
PLANTING BEDS TO PROVIDE MODERATE SCREEN BETWEEN WALKWAY AND STREET



SEATING AREA WITH FIRE FEATURE UNDERNEATH TRELLIS STRUCTURE



METAL CUBE PLANTERS CONTAINING SPECIMEN PLANTING



LEGEND

property line

existing tree to remain

proposed deciduous tree

proposed shrub

proposed perennial

existing elevation

min. 150mm topsoil, fine grade & sod

C.I.P. concrete

precast concrete unit pavers

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MUNICIPALITY

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Landscape Concept Plan

L

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landscape architecture



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