

EXISTING VEGETATION IDENTIFICATION TABLE

| Tree # | Species (Common Name) | Species (Botanical Name) | DBH (cm) | Crown Class* | Condition** | Crown Width (m) | Comments | Potential Impacts from Construction | Ownership (Trees were not surveyed; all trees are field located) | Recommendation |
|---------|-----------------------|--------------------------|----------------|--------------|------------------------------|-------------------------------------|---|--|--|----------------|
| 1 | Colorado Blue Spruce | Picea pungens | 34 | D | Fair | 2.85 | Some damage due to branches being cut for adjacent overhead wires and pruning at base | | Neighbouring (Private) | Save |
| 2 | American Elm | Ulmus americana | 38 | D | Good | 4 | | Conflict with proposed driveway entrance | Private (within future road widening) | Remove |
| 3 | American Elm | Ulmus americana | 26 | CD | Fair | 2.3 | Uneven canopy | Grading within rootzone for multi-use path and regrading of roadside ditch | Private (within future road widening) | Remove |
| 4 | American Elm | Ulmus americana | 21 | CD | Fair | 1.5 | Uneven canopy | Grading within rootzone for multi-use path and regrading of roadside ditch | Municipal | Remove |
| 5 | American Elm | Ulmus americana | 15 | S | Fair | 1.5 | Uneven canopy | Grading within rootzone for multi-use path and regrading of roadside ditch | Municipal | Remove |
| 6 | American Elm | Ulmus americana | 17, 12, 24, 22 | CD | Fair | 3.5 | Trunk splits at base | Grading within rootzone for multi-use path and regrading of roadside ditch | Boundary (Municipal) | Remove |
| 7 | American Elm | Ulmus americana | 17 | D | Poor/Dying | 2 | tree is in poor condition, dead branches | Grading within rootzone for multi-use path and regrading of roadside ditch | Boundary (Municipal) | Remove |
| 8 | American Elm | Ulmus americana | 14 | CD | Fair | 2.5 | Some damage to canopy, some dead branches | Grading within rootzone for multi-use path and regrading of roadside ditch | Municipal | Remove |
| 9 | American Elm | Ulmus americana | 13 | CD | Fair | 1.6 | Uneven canopy | Grading within rootzone for multi-use path and regrading of roadside ditch | Municipal | Remove |
| 10 | American Elm | Ulmus americana | 17 | CD | Fair | 1.6 | Uneven canopy | Grading within rootzone for multi-use path and regrading of roadside ditch | Municipal | Remove |
| Shrub # | Species (Common Name) | Species (Botanical Name) | Spread (m) | Height (m) | Comments | Potential Impacts from Construction | Ownership (Shrubs were not surveyed; all shrubs are field located) | Recommendation | | |
| 11 | Common Buckthorn | Rhamnus cathartica | 1.5 | 2 | Invasive species | Conflict with proposed parking lot | Private | Remove | | |
| 12 | Common Buckthorn | Rhamnus cathartica | 2.4 | 4 | Invasive species | Invasive species to be removed | Municipal | Remove | | |
| 13 | Dogwood | Cornus sp. | 1.87 | 2.2 | | Invasive species to be removed | Private (within future road widening) | Remove | | |
| 14 | Common Buckthorn | Rhamnus cathartica | 2.95 | 4.5 | Invasive species | Invasive species to be removed | Private (within future road widening) | Remove | | |
| 15 | Common Buckthorn | Rhamnus cathartica | 2 | 2 | Invasive species | Invasive species to be removed | Municipal | Remove | | |
| 16 | Common Buckthorn | Rhamnus cathartica | 1.5 | 2.5 | Invasive species | Invasive species to be removed | Private (within future road widening) | Remove | | |
| 17 | Common Buckthorn | Rhamnus cathartica | 5 | 4 | Invasive species | Invasive species to be removed | Private (within future road widening) | Remove | | |
| 18 | Common Buckthorn | Rhamnus cathartica | 1.5 | 1.5 | Invasive species | Invasive species to be removed | Private (within future road widening) | Remove | | |
| 19 | Common Buckthorn | Rhamnus cathartica | 1.75 | 3.5 | Invasive species | Invasive species to be removed | Private (within future road widening) | Remove | | |
| 20 | Common Buckthorn | Rhamnus cathartica | 2 | 3 | Invasive species | Invasive species to be removed | Private (within future road widening) | Remove | | |
| UNIT 1 | Common buckthorn | Rhamnus cathartica | | 4 | Invasive species, 3-4 shrubs | Invasive species to be removed | Municipal | Remove | | |
| UNIT 2 | Common buckthorn | Rhamnus cathartica | | 4 | Invasive species | Invasive species to be removed | Municipal | Remove | | |
| UNIT 3 | Common buckthorn | Rhamnus cathartica | | 3 | Invasive species | Invasive species to be removed | Municipal | Remove | | |

* CROWN CLASS
 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 - mixed issues related to trunk integrity, crown structure (firm, some dead or damaged 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. hardness, soil conditions, salt tolerance, visual obstruction, available soil volume)

CHART LEGEND/CODES
DBH: Diameter at Breast Height [cm]
Crown Class: D = Dominant, CD = Codominant, I = Intermediate, S = Suppressed

NOTE:
 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.

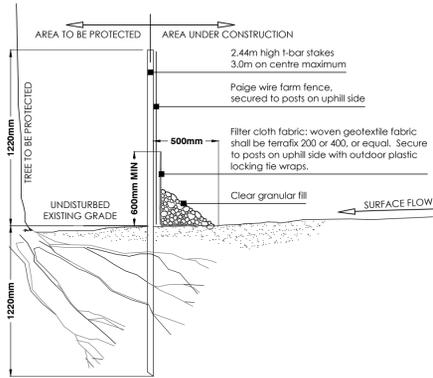
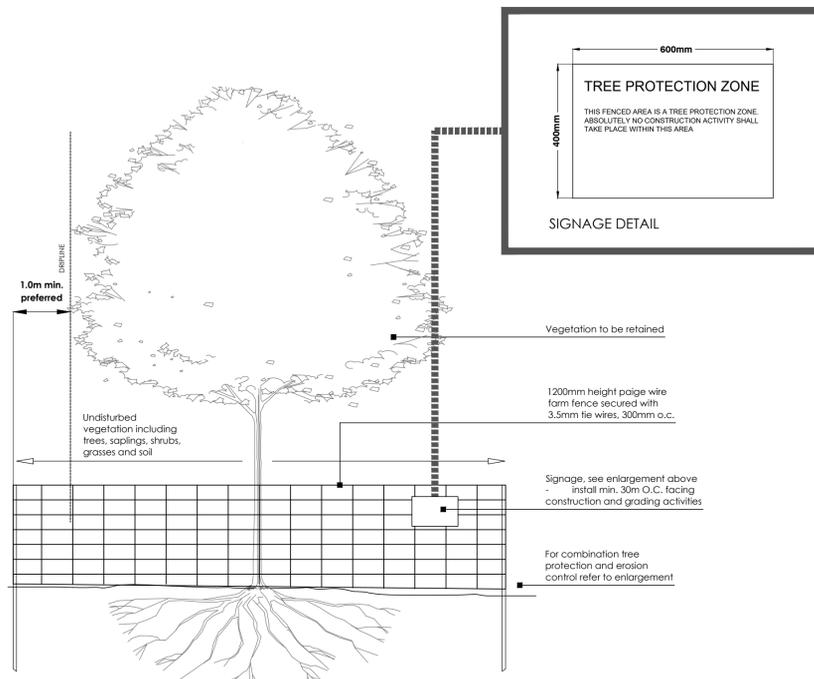
REMOVAL OF INVASIVE SPECIES:
 1. One species identified as 'invasive' by the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) have been found onsite:
 Common Buckthorn, Rhamnus cathartica

OMAFRA recommends the removal of these species in their entirety when found in Southern Ontario.
 3. Common Buckthorn to be mechanically removed. Stumps and roots are to be removed.
 4. Dispose of all parts (woody, herbaceous, roots, etc) of the invasive species offsite.
 5. Areas containing invasive plants will be mown on a bi-weekly basis 2-3 years prior to remediation planting.
 6. The site will be monitored for 2 years post-construction to ensure invasive species do not re-colonize.

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 to perform root pruning as required.

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 Act.
 • Construction activities with the potential to harm migratory birds or their nest should be restricted from March 15 to August 31.
 • 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.



- NOTES:
- The area within the dripline of all existing trees shall be properly protected with temporary fencing.
 - 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 garbage.
 - 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.
 - 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.
 - 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.
 - Any fine grading within the preservation area is to be done by hand, no heavy equipment is permitted within the preservation zone.
 - Sediment accumulations to be removed by subdivider/builder when sediment deposits reach within 150mm of top of filter fabric barrier.
 - A copy of the approved and signed Vegetation Management Plan will be on site for the duration of construction and available upon request.
 - This detail does not represent any particular tree species.

Tree Protection Fencing (with silt fence)

1
L-2

NOT FOR CONSTRUCTION
 ISSUED FOR REVIEW & COMMENTS ONLY

NOTE:
 Vegetation inventory undertaken by adesso design inc on October 8th, 2024.

REVISIONS/ SUBMISSIONS

| # | DATE | DESCRIPTION |
|---|------------|-----------------------|
| 1 | 2024-11-05 | Issued for submission |



CLIENT
 Matataj Architects
 MUNICIPALITY
 Owen Sound

PROJECT
 Hampton Inn Owen Sound
 1750 16th Ave E

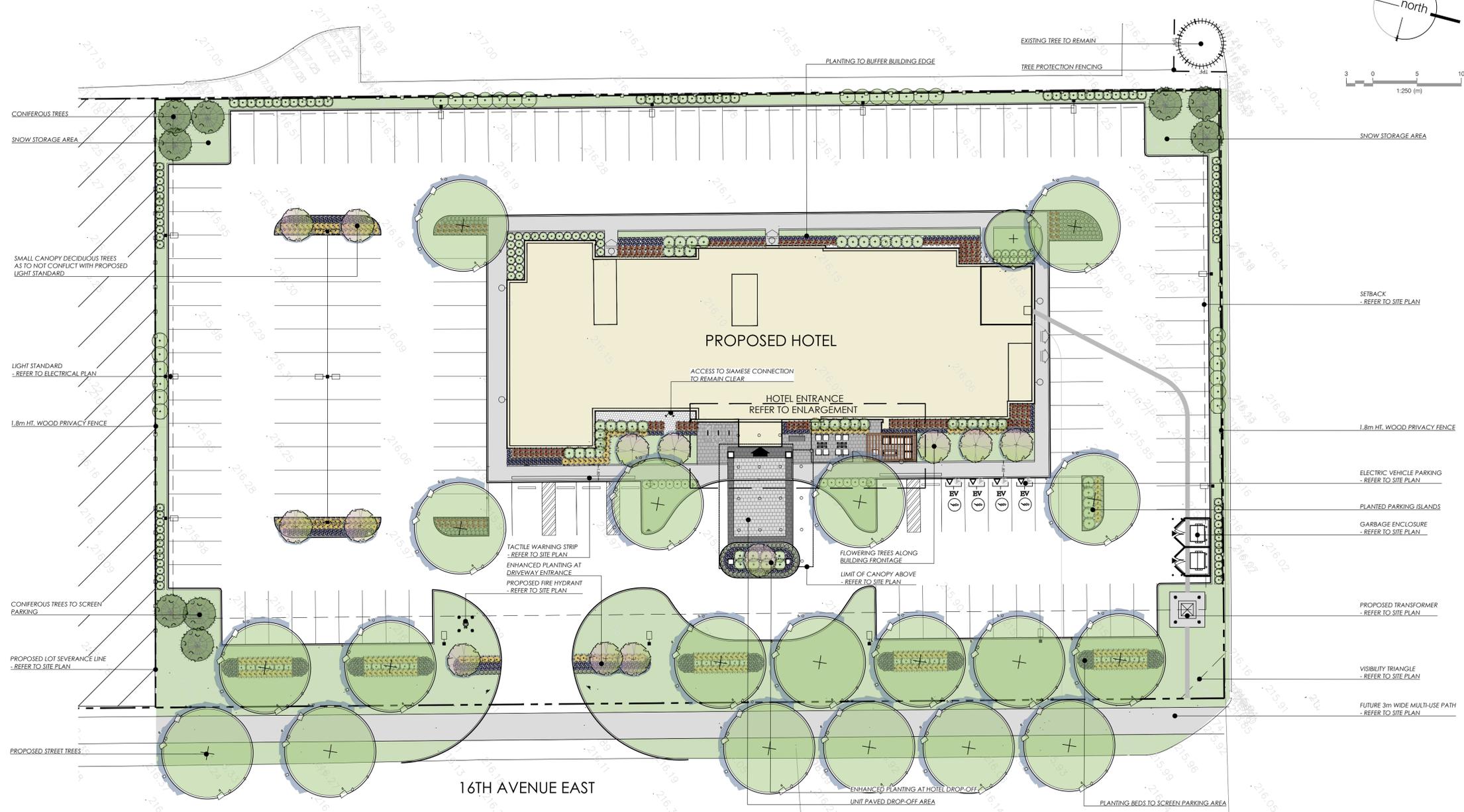
MUNICIPAL FILE NUMBER

SHEET
 Tree Protection Plan

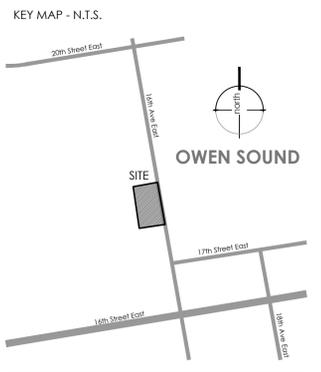
L-2

adesso design inc.
 landscape architecture

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LANDSCAPE CONCEPT
SCALE 1:250



- LEGEND
- property line
 - proposed deciduous tree
 - proposed coniferous tree
 - proposed shrub
 - proposed perennial
 - existing elevation
 - min. 150mm topsoil, fine grade & sod
 - C.I.P. concrete
 - precast concrete unit pavers
 - proposed light standard

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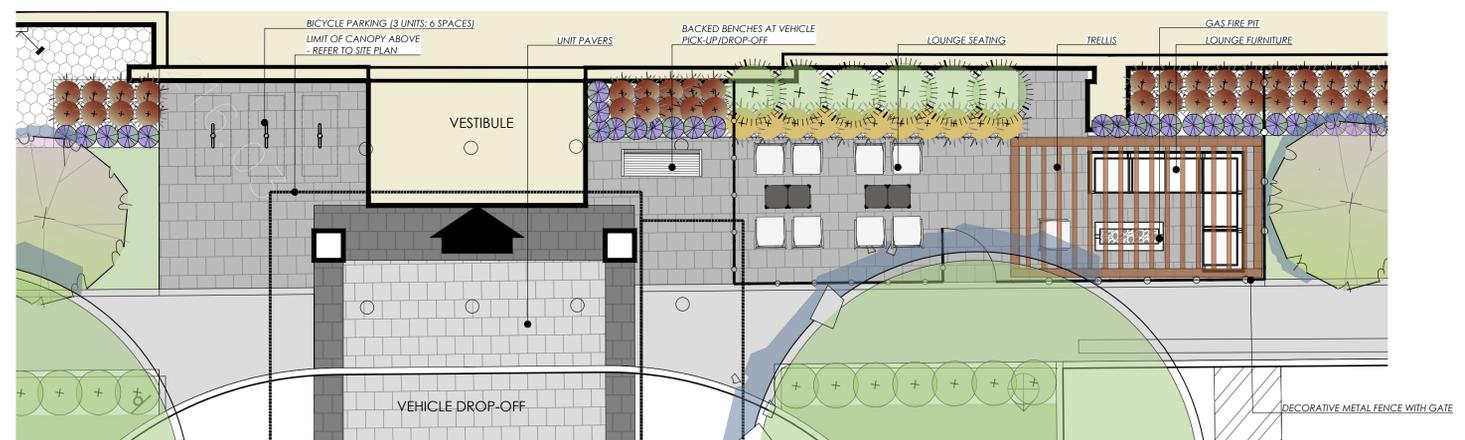


CLIENT
Mataj Architects
MUNICIPALITY
Owen Sound
PROJECT
Hampton Inn Owen Sound
1750 16th Ave E
MUNICIPAL FILE NUMBER

SHEET
Landscape Concept **L-1**

adesso design inc.
landscape architecture

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HOTEL ENTRANCE ENLARGEMENT
SCALE 1:75