



Proposed Building



The following protection measures must be implemented for retained trees, both on site and on adjacent sites, prior to any work activity, including tree removal. Tree protection fence shall remain in place and be maintained in good condition for the duration of site works:

1. The location of the tree protection fencing must be determined by an arborist and detailed on any associated plan for the site (e.g. tree conservation report, tree disclosure report, etc.)
2. Under the guidance of a Landscape Architect or Certified Arborist, erect a fence at the critical root zone (CRZ) of trees. Determine the largest tree trunk diameter (DBH) measured at 1.3m height on the tree trunk. The CRZ is calculated as DBH x 10. Refer to the Tree Protection Fence Plan.
3. Refer to the Tree Protection Plan for fence location. Both the plan and the installed fence must be approved by City Forestry Staff.
4. Do not place any material or equipment within 2m of the CRZ of any tree; including outcrops.
5. Do not attach any signs, notices or posters to any tree.
6. Do not disturb or lower the existing grade within the CRZ without approval.
7. Only tunnel or bore when digging within the CRZ of a tree. Hand dig where possible within the CRZ, absolutely no machinery permitted.
8. Do not damage the root system, trunk, or branches, or any tree.
9. Do not extend hard surface or significantly change landscaping.
10. Ensure exhaust fumes from any vehicle are not directed away from any tree canopy.
11. When trees to be removed overlap with the CRZ of trees to be preserved; cut roots at the edge of the CRZ and grind roots back to the surface after trees are removed. Stumps. Ensure there is not root pulling or disturbance of the ground within the CRZ.
12. If roots must be cut, the Landscape Architect and City Forestry Staff must be notified and consulted prior to tree taking place. Roots 20mm or larger should be cut at right angles. In general, sharp angled cuts look better than tearing, crushing, or pulling. Refer to City of Ottawa Specification S-F-8011 Tree Protection, Excavation of Root Zone.
13. The Landscape Architect must be notified before any work. The Landscape Architect must be notified before any trees are cut. Do not prune leaders. Do not prune more than 1/3 of crown.
14. If trees are being affected by site works, a water and fertilizing program will need to be set up to the satisfaction of the Landscape Architect.
15. If the protection fence must be reduced to facilitate construction, mitigation measures must be prescribed by the Landscape Architect and approved by City Forestry Staff. These may include the placement of plywood, wood chips, or steel plating over the roots for protection.
16. By-Laws: All City-owned trees are protected under the Municipal Trees and Natural Areas Preservation By-Law (2006-279). Within the City of Ottawa, privately-owned trees greater than 50cm diameter on lots 1ha in size or less, and trees greater than 10cm diameter on lots less than 1 ha are protected under the Urban Tree Conservation By-Law (2009-200).

PLANTING

1. This drawing shall be read in conjunction with all relevant **Architectural**, Engineering, and detailed drawings and documents.
2. Refer to Engineering Drawings for Grading. Provide drainage as indicated in grading plan. Round all slopes and toes of slopes, smoothly. Compact all areas to 95% Standard Proctor Density.
3. Refer to Architectural Drawings for site layout.
4. Refer to Engineering Drawings for site servicing.
5. Contractor must contact utility companies for locates prior to excavation or planting.
6. It is essential to use the plans and details in conjunction with the specifications and notes.
7. Existing trees to be retained shall be protected according to the contract details and specifications.
8. Plant material shall be No. 1 Grade and shall comply with Canadian Standards for Nursery Stock (latest edition) published by the Canadian Nursery Trade Association.
9. Use plant material with strong fibrous root system free of disease, defects or injuries, and structurally sound. Use root balls with straight trunk and no more than 1/4" diameter, branched or surface roots. Obtain approval from consultant of plant material at source prior to digging. All trees and shrubs shall be container grown, potted, W/B or B/B, as indicated on Plant List.
10. All plant material shall be inspected and approved by the architect, acceptable for certain species and as approved by the Landscape Architect.
11. Plant material substitutions shall not be permitted without the written approval from the consultant, with **48 hours notice**, prior to shipping plant material.
12. Plant locations are schematic / approximate only.
13. **Contractor shall stake out all plant material on site for approval by the Landscape Architect prior to installation.** The illustrated number of plants shown in the Planting Plan supersedes the estimated quantities shown in the Bill of Materials.
14. Contractor to report any discrepancies to the Landscape Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified.
15. **Contractor to Plant:** Virginia Creeper, 1" x 1/2" x 1/2" shall be planted in a continuous planting bed of 450mm depth with approved topsoil covered with 75mm depth shredded bark mulch. **Plantation beds, refer to the detail on Sheet 1200254-D1.**
16. Ensure trees are thoroughly watered following planting. Monitor material and ensure adequate moisture until acceptance.
17. In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
18. Sod and/or sod cuttings shall be planted with topsoil as specified. Sod shall be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality and source shall comply with Canadian Standards Nursery Stock (latest edition) published by the Canadian Nursery Landscape Nursery Association. Unless otherwise specified, turf is to be supplied by the contractor. Sod cuttings for a second cutting is accepted by the Landscape Architect.
19. Apply the following mineral fertilizer unless soil tests show other requirements. Sodded areas: (8-32-16) Nitrogen, 22% Phosphorus, 16% Potash per manufacturer specifications. Planting Beds: (8-32-16) % Nitrogen, 22% Phosphorus, 16% Potash per manufacturer specifications.
20. Reestablish all areas damaged or disturbed beyond the Limit of Work.

THIS PLAN IS APPROVED BY THE CITY OF OTTAWA
UNDER SECTION 41 OF THE PLANNING ACT THIS
9 DAY OF JULY, 2020.

[Signature]

LILY XU, MCIP, RPP, MANAGER
DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE AND ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

NOT FOR
CONSTRUCTION

4.	REVISED PER CITY COMMENTS	JUN 1/20	JUL 1/20
3.	ISSUED FOR INTERNAL REVIEW	MAY 19/20	JUN 1/20
2.	ISSUED FOR DESIGN REVIEW	APR 20/20	JUN 1/20
1.	APPLICATION FOR SITE PLAN APPROVAL	APR 9/20	JUN 1/20
No.	REVISION	DATE	B'D

SCALE

DESIGN

<div style="text-align: right;">KW/JF</div> <div style="text-align: right;">CHECKED</div>

JF

KV

CHECKED

APPROVED

FOR REVIEW ONLY

NOVATECH

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LOCATION
PROJECT PYTHON
222 CITIGATE DRIVE, CITY OF OTTAWA

DRAWING NAME
LANDSCAPE PLAN

1. *Journal of the American Medical Association*, 2000; 284: 1012-1016.

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