

PROJECT NORTH

DETAIL SHEET # NOVATECH OR CITY
EG. L1, L2, ETC. DETAIL NUMBER SEE LIST
FOR CODE PROPERTY LIMIT

> EXISTING TREE TO REMAIN, EXISTING TREE TO REMAIN, SYMBOL SIZE REFLECTS CRZ

EXISTING TREE TO REMOVE, EXISTING TREE TO REMOVE, SYMBOL SIZE REFLECTS CRZ TREE PROTECTION FENCE

EXISTING VEGETATION BEYOND THE LIMIT OF CONSTRUCTION TO REMAIN CITY DETAILS

Related details from City of Ottawa Standard Tender Documents Volume No. 2 Standard Detail Drawings.

SC5. Sidewalk Construction Joints 100mm Diameter Steel Bollard Installation for Parking 1. The Landscape Architect or Certified Arborist is to determine NOVATECH DETAILS Found on Sheet L2.

D1. Standard Deciduous Tree Planting D2. Standard Coniferous Tree Planting D3. Shrub and Perennial Planting D4. Tree Protection Fence

SUMMARY OF TREES

1. There are a total of 133 existing trees to remain as indicated on 121334-TCR1 plan,

2. There are a total of 151 existing trees to be removed as

3. There are a total of 124 trees proposed, 88 trees in the

property limit and 36 trees in the ROW along March road as indicated on the Landscape plan 121334-L1.

4. With 712 parking spaces proposed, a 5:1 ratio of parking to trees would yield a recommendation of 142 trees.

GENERAL

1. Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey

2. The Contractor is to determine the exact location, size, material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility for all existing utilities regardless of being shown on the

3. It is essential to use the plans and details in conjunction with the specifications and notes. 4. Do not scale drawings. Work to dimensions only. 5. Protect all existing and retained vegetation for the duration of construction according to the contract details and

specifications. 6. Reinstate all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.

TREE PROTECTION

Implement the following protection measures for retained trees, both on site and on adjacent sites, prior to any work activity, including tree removal. Maintain tree protection fence in place and in good condition for the duration of site works:

the location of the tree protection fencing and detail it on any associated plans 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. Diameter at breast height (DBH) is the trunk diameter

measured at 1.3m height on the tree trunk. The CRZ is calculated as DBH x 10. Refer to the Tree Protection Fence 3. Refer to the Tree Protection Plan for fence location. City

Forestry Staff are to approve both the plan and the installed fence prior to work commencement. 4. Do not place any material or equipment within 2m of the CRZ of any tree, including outhouses. 5. Do not attach any signs, notices, or posters to any tree. . Do not disturb, raise, or lower the existing grade within the

CRZ without approval. 7. Only tunnel or bore when digging within the CRZ of a tree. Hand work only where required within the CRZ; absolutely r machinery permitted. 8. Do not damage the root system, trunk, or branches, or any

marked for preservation: cut roots at the edge of the CRZ and

9. Do not extend hard surface or significantly change 10. Ensure that exhaust fumes from all equipment are directed away from any tree canopy. 11. When trees marked for removal overlap with the CRZ of trees

> grind down stumps after tree removals, do not pull out stumps. Ensure there is not root pulling or disturbance of the ground within the CRZ. 12. Prior to work taking place, notify and consult the Landscape Architect and City Forestry Staff if roots must be cut. Roots 20mm or larger should be cut at right angles with clean, sharp

horticultural tools without tearing, crushing, or pulling. Refer to City of Ottawa Specification S.P. F-8011 Tree Protection, Excavation of Root Zone. 13. If damaged or objectionable branches are observed, consult the Landscape Architect, before any work is conducted. Do

not prune leaders. Do not prune more than 1/4 of crown. 14. Set up a water and fertilizing program, if trees are being affected by site works, to the satisfaction of the Landscape

15. The Landscape Architect is to prescribe mitigation measures if the protected fenced area must be reduced to facilitate construction. Measures may include the placement of plywood, wood chips, or steel plating over the roots for protection. City Forestry Staff are to approve said measures

prior to fence movement. 16. City of Ottawa By-law: Protects municipal trees and municipal natural areas in the City of Ottawa and trees on private

property in the urban area of the City of Ottawa (2020-340).

This drawing has been prepared in conjunction with CSW Landscape Architects Limited and is based on the Tree Information Report (TIR) completed by CSW dated 27th October 2022. Information regarding tree removal and tree protection measures has been prepared by Novatech.

THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND

STRUCTURES AND ASSUME ALL LIABILITY FOR

DAMAGE TO THEM.

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LOCATION CITY OF OTTAWA 600 MARCH ROAD - NOKIA PARKING LOT EXPANSION DRAWING NAME

TREE CONSERVATION PLAN