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**VEGETATION INVENTORY REPORT**

GSP File No.: 22139A

14 April 2023

City of Guelph  
Planning Department  
1 Carden Street,  
Guelph ON,  
N1H 3A1

**Attn:** Rory Barr Templeton, Landscape Planner  
Infrastructure, Development, & Enterprise Services

RE: 14 Stevenson Street N, Guelph, Arborist Services

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**PURPOSE AND LOCATION:** Please find enclosed the Arborist Report that has been prepared by GSP for approval purposes for the proposed 3 storey stacked townhouse project at 14 Stevenson Street North in Guelph.

**STATEMENT OF LIMITATIONS:** The following report has been prepared to reflect the condition of the existing trees in the landscape at the time of site inventory. The inventory was conducted using standard arboricultural methods and equipment as outlined in the Council of Tree and Landscape Appraisers' Guide for Plant Appraisal and is limited to basic visual examination. Recommendations in this report are based on reasonable efforts by GSP Group Inc. staff to collect and analyze qualitative and quantitative data. Since many symptoms of tree decline are only present seasonally, there is no guarantee that observations recorded at this time lead to an exact conclusion of the future condition of existing trees. All trees have the potential to fail due to unforeseen circumstances or events and it is impossible to know, with absolute certainty, the risk that any tree may pose on its surrounding environment over time. The health of trees suggested to remain on site post-construction has been evaluated in conjunction with the proposed site work. Trees to remain have been deemed to pose low hazard risk to proposed targets: the future landscape, structures, and landscape users. Trees that are, or predicted to become, medium to high hazard risk to proposed targets, have been suggested as candidates for pruning or removal. This report presents conclusions and recommendations for a tree preservation plan, valid at the time of inspection. It is recommended that future periodic evaluation be continued in this landscape to update tree record of health and risk assessment.

**DATE OF INSPECTION:** March 29, 2023

**OVERVIEW:** In response to the re-development of the existing site which includes a 1.5 storey house with detached garage, GSP Group conducted an inventory and assessment

of the vegetation on the property and 6m beyond the property line. This report provides supplemental action-descriptions for existing trees at, or larger than, 10cm diameter at breast height (DBH, 1.4m above existing grade), and should be read in conjunction with the Tree Preservation Plan (TPP), notes and details found on Sheets TP-1 and TP-2 of the submitted drawing package. Existing trees that are predicted to be a safety risk prior to, or post, construction activity, despite efforts to mitigate injury, are recommended to be pruned or removed. General photos of existing vegetation were taken, and a selection is shown at the end of this report.

**MEASUREMENTS:** Trees on property were tagged by metal tree tag and aluminum nail. Where tagging was not possible due to dense canopy or access, a letter was assigned to the tree. Diameter at breast height (DBH) of the main stem was measured 1.4m above existing grade with a flexible measuring tape. Trees measuring less than 10cm DBH were not tagged. Canopy radius was measured from the main stem to the estimated dripline of the tree. Health and structural conditions were visually assessed and assigned the following qualitative rating:

**E – Excellent;** Full crown with no evidence of decline, disease or dieback. Healthy leaf color or good set of winter buds. No visible structural defects.

**G – Good,** Full crown or dieback of <10% of secondary branches. Crown with only minor deadwood or dieback with well-spaced branches. Minor structural or biological deficiency.

**F – Fair,** Moderate crown with <30% incomplete sections or deadwood/dieback. Moderate structural or biological deficiency or presence of disease.

**P – Poor,** <70% live crown. Poor vigor. One or more major structural or biological deficiencies or several moderate deficiencies and/or presence of major disease.

**D – Dead / Hazardous,** Tree has <10% live crown or has completely succumbed to deficiencies, or tree is an immediate risk to surroundings.

#### **SPECIES AND RECOMENDATIONS:**

Varies, see existing tree inventory chart found on Sheet TP-2 of the TPP drawing package.

The following is a breakdown of recommendations for existing trees. There are no trees located within the Municipal Right-of-Way surrounding the subject property. Due to the size of the subject property, trees on this site are not regulated by the Private Tree By-Law and are therefore not subject to the requirements of the Tree Technical Manual. Information in this report has been provided to supplement the TPP drawing package and proposed Landscape Plans.

**Trees 2-14**, White Cedars, Black Walnuts and Manitoba Maples, were located along the front yard of the site. These trees will be removed due to construction.

**Trees 17 and 22**, a White Ash and Manitoba Maple, were located along the east property line, adjacent to the rail corridor. These trees will be removed due to construction and because they are dead. They have been identified as hazards in the Tree Inventory Chart of TP-2.

**Trees 15, 16 and 18-21, 23-25** were Manitoba Maples and Black Walnuts located along the east property line, adjacent to the rail corridor. As requested by Metrolinx, trees 15-23 are to be removed to keep 3.5m clear in front of the proposed crash wall. The remaining trees (24 and 25) are to be protected. These trees are in proximity to the proposed ancillary building and their canopies will need to be pruned by a qualified arborist, for safety due to their proximity to the proposed parking lot. Their critical root zones will be impacted moderately by construction and root pruning by a qualified arborist may be needed during earthworks. Specific notations have been provided on drawing TP-1 regarding care to be taken when working within the dripline of these trees.

**Trees 26-28** were Black Walnuts located 6m beyond the east property line, within the rail corridor. These trees will not be impacted by construction.

**Trees 29-32** were Manitoba Maple, Black Walnut and Pyrus species along the southeast corner of the property line. These trees are shared and growing through the fence. Trees 29, 31 & 32 will be removed due to construction impacts, while tree 30 is expected to be preserved with possible injury to the rootzone. Specific notations have been provided on drawing TP-1 regarding care to be taken when working within the dripline of this tree. Prior to approvals, work, or removal, it is recommended the Owner discuss these impacts with affected adjacent property Owners.

**Trees A and B**, White Pine, and Black Walnut, are located on adjacent property. These trees will be minimally impacted by development on site. Specific notations have been provided on drawing TP-1 regarding care to be taken when working within the dripline of these trees. Prior to approvals, work, or removal, it is recommended the Owner discuss these impacts with affected adjacent property Owners.

**Overall, GSP recommends that trees in conflict with construction on site be removed where necessary. Attempting to save trees with more than 30% of their driplines overlapping the limit of work creates potential for these trees to become hazardous to the site and to adjacent land use when their critical root zones are negatively impacted.**

## PHOTOS



Trees along front yard of site to be removed.



Trees adjacent to rail corridor to be pruned and protected.

Should you have any questions or concerns with this summary, please feel free to contact me to discuss further. Thank you again for your time towards the review of this report.

Sincerely,

A handwritten signature in cursive script, appearing to read "Emily Sicilia".

Emily Sicilia, OALA, CSLA, ISA ON-2636A  
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