



November 06, 2023

Vlad Popovic

N45 Architecture Inc.

71 Bank Street, 7th floor

Ottawa, Ontario K1P 5N2

Dear Vlad;

**RE: First Technical Circulation Comments – Site Plan Control - 745 Smyth Road
Forestry:**

TCR

6. A permit is required prior to any tree removal on site. The tree permit will be released upon site plan approval. Please contact the File Lead or the Planning Forester, Hayley Murray (hayley.murray@ottawa.ca) for information on obtaining the tree permit.

Noted.

7. Are there any updates planned to the existing 'asphalt pavement walkways' (3.575m) on the east side of the property? If so, please detail in the plan what actions need to be taken if roots of tree #19 are encountered.

There are no plans to update this sidewalk.

8. The grading plan notes the existing sidewalk along Innes will be removed and replaced. Please add directions to the LP on what actions need to be taken if tree roots are encountered during excavation.

Note to be added to follow mitigation measures set out in the tree protection detail and to notify City of Ottawa Forestry Department for any city owned trees.

9. Please show where tree protection fencing, to the City of Ottawa's tree protection specification standards, will be installed.

Tree Protection Fence outline added.

LP

10. Can tree #1, listed as being in poor condition, be removed and replaced?

Yes, this tree is now shown as removed and replaced.

11. Can a tree be added in the sodded area east of where tree #16 is currently? A tree is shown on the grading plan and site plan in this area.

A tree has been shown on this location – 1 GtS.

12. Tree #7 is shown as to be retained on the plan but is listed as to be removed in the inventory table.

Tree # 7 is shown as removed in both instances, it too close to the regrading in the island and will be highly impacted by construction.

13. Can a tree be planted along Edgecombe where one of the access entrances will be removed and replaced with sod?

Yes, one additional tree has been added in this location.

14. 15 trees are planned for removal and 19 are planned as replacement plantings. This aligns with Official Plan policies to protect and enhance the urban canopy cover (Section 4.8.2) and contributes to the City's 40% canopy cover target.

Noted.

15. Please explain why the planting varieties proposed are better suited for the site than their native counterparts?

Varieties of native maple and serviceberry are chosen due to their growth habits in a limited space and better adaptability to urban conditions.

16. The immediate growing area around trees # 9 and 10 is currently sod. The LP doesn't show this area as sod. Is it being converted to pavement? The preference of the City would be to leave this area as soft scaping.

Hatching shown only where there is a change in surface or renewing surface, This area will remain as grass.

17. East of the speed camera, the extent of pavement extends from the edge of school property to the curb. Will there be a reinstatement of soft landscaping to provide a better suited growing environment for the two proposed 1-AsGM (soil volume area E)?

- If no, why was soil volume bed E calculated as one large bed?

This area is shown as changed to soft landscape here (hard surface drop off area no longer required. Tree noted in comment #18 is also added here.

18. Please ensure there is no access conflict between the most eastern proposed tree and the access entrance to the play yard gate on Smyth or the 'school bus loading zone' sign with the proposed tree planting.

Tree location moved, see comment #17.

19. Are the soil depth calculations based on 90cm (Area E) A and 40 cm (remaining areas) soil depth? It's widely accepted that minimum soil depth for tree planting is 1m in depth. Please clarify.

Use 0.9 to 1.0 metre depth where there are site constraints such as, within a hard surface area - parking islands - the Contractor would have to ensure imported topsoil to these depths.

Where there is more space, a lesser depth is specified as most of the feeder roots are shallower. This is where an existing subsoil exists (in keeping with city planting detail L1).

20. Please confirm the ROW plantings:

- Maintain 1.5m from sidewalk or MUP/cycle track or water service laterals.
- Maintain 2.5m from curb
- Coniferous species require a minimum 4.5m setback from curb, sidewalk or MUP/cycle track/pathway.
- Maintain 7.5m between large growing trees, and 4m between small growing trees.

Will ensure these are met where feasible. In other situations, the offset are kept the same as the existing city trees.

Yours truly,

A handwritten signature in black ink, appearing to read "Marietta Ruhland". The signature is fluid and cursive, with a long, sweeping flourish at the end.

Marietta Ruhland, OALA, Principal, Ruhland & Associates Ltd.