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Tree Information Report

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Committee of Adjustment
Received | Reçu le

2024-08-29

City of Ottawa | Ville d'Ottawa
Comité de dérogation



Application Details:

| | |
|---|--|
| Home Owner | Christina Sun |
| Address of Tree(S) | 94 Withrow Ave |
| Contact Information | christinasun@hotmail.com |
| Date of Inspection: | April 3, 2024 |
| Reason for application | Infill development, property severance |
| Boundary trees or trees on neighbouring properties. | Yes, see tree detail |
| Regulations | None |

Tree Details:

| Inventory | Species | DBH(cm) | CRZ(m) | Ownership | Condition | Recommended Action |
|-----------|--------------|---------|--------|-----------|-----------|--------------------|
| 1 | Blue spruce | 40 | 4.0 | Private | Good | Remove |
| 2 | Blue Spruce | 41 | 4.1 | Private | Good | Remove |
| 3 | Black walnut | 40 | 4.0 | Private | Excellent | Protect and Retain |
| 4 | Honey locust | 61 | 6.1 | Neighbour | Good | Protect and Retain |

Comments:

Report Edited July 2024 with addition of site plan and inclusion of tree protection plan and tree replacement plans on pages 5-6.

Property recently severed with a plan in place to build two dwellings. Four distinctive trees are impacted by the potential building, three on the property and one on the neighbouring property. Two of the trees (blue spruces #1 and #2) require removal as they are within the footprint of the proposed dwelling. The other two trees can be protected and retained. A tree protection plan is on pages 5-6.

As the spruce trees are distinctive, they will need to be replaced in a 2:1 ratio as per the City of Ottawa guidelines or the appropriate fees paid. See potential Tree replacement plan on pages 5-6.

Colleen Eames, Arborist

Date



#1 and #2 Blue spruce trees, 40cm and 41cm DBH at 94 Withrow Ave, April 3 2024, Colleen Eames



#3 Black walnut 40cm DBH at 94 Withrow Ave, April 3, 2024, Colleen Eames



#4 Honey locust, 61cm DBH in front of 90 Withrow Ave, April 3 2024, Colleen Eames

Tree Protection Plan for 94 Withrow Ave

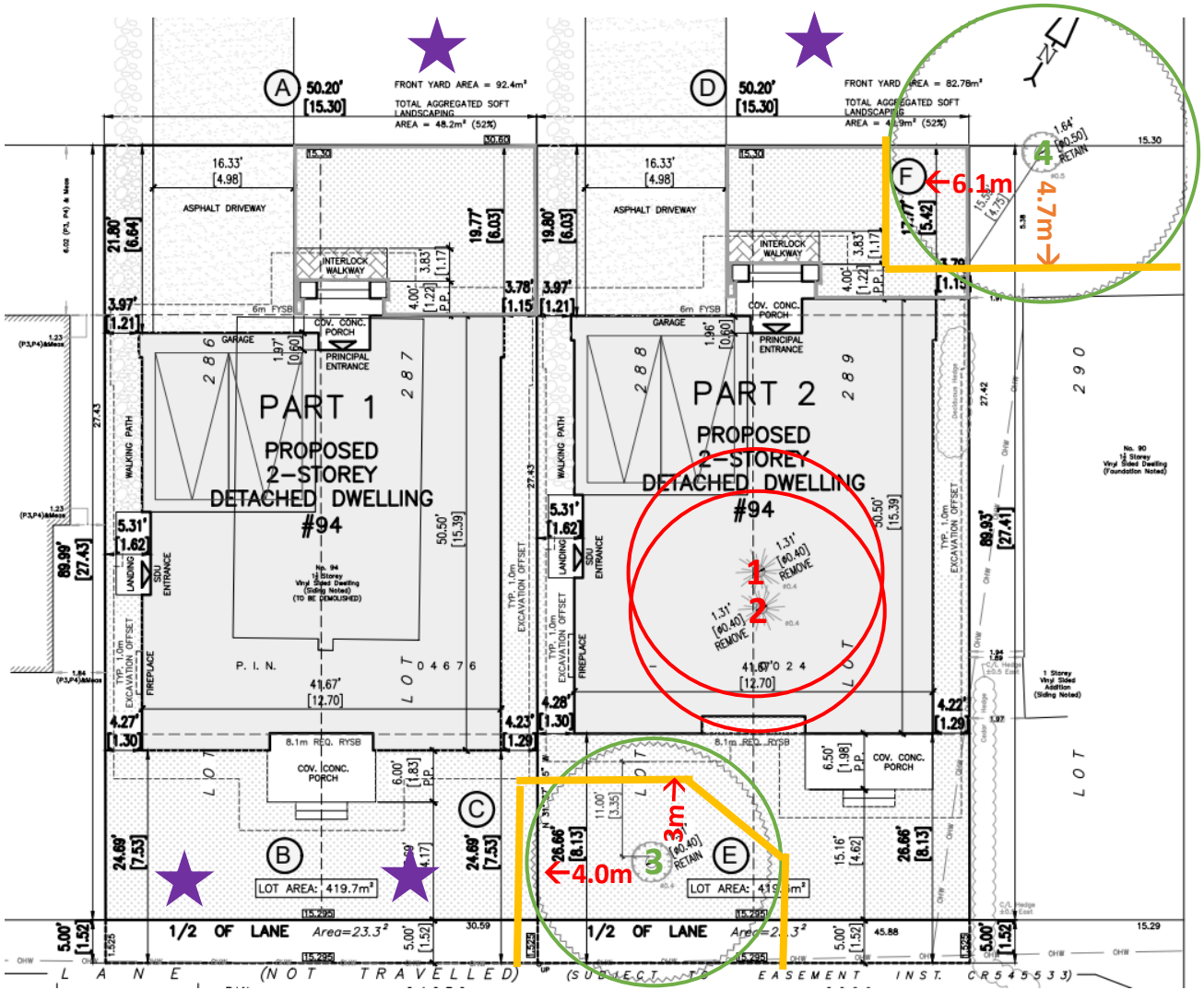
This Tree Protection Plan is required to mitigate any potential damage to the roots of the trees during construction. A site plan with an illustration of this tree protection plan is on page 6. Please note that the tree protection plan site plan is not necessary to scale and measurements should be taken before installing the tree protection fence.

- A temporary fence 1.2m high should be erected along the outside of the Critical Root of the trees as per the attached map and measurements of the root zone in the tree inventory. Tree protection fences are in yellow on the site plan.
- Tree #3, Black walnut has a CRZ of 4m, the Tree protection fence should be placed no further than 3m from the base of the tree on the construction side, which will ensure that a maximum of 20% of the roots are disturbed.
- Tree #4, the honey locust on the neighbouring property has a CRZ of 6.1m, the Tree protection fence should be placed no further than 4m from the base of the tree on the construction side, which will ensure that a maximum of 20% of the roots are disturbed.
- Any roots greater than 1" diameter encountered while digging should be cut cleanly with a sharp, clean saw.
- No vehicles, machinery or construction materials should be allowed within the Tree protection fences at any time during construction.
- No change of grade should be done within the CRZ. Any landscaping within the CRZ should be approved before it is undertaken.
- Damage to all parts of the tree should be avoided, including damage to the trunk and branches. Any pruning required for clearance during construction should be done by a professional arborist.

Tree Replacement Plan for 94 Withrow Ave

- As two distinctive trees are to be removed, a total of four trees should be planted as replacement once construction is completed.
- It is recommended to plant native species and a mixture of different trees and follow the City of Ottawa guidelines for size:
 - Trees should be a minimum of 50mm as measured 15cm from the ground when planted or 200cm tall.
- Trees should be spaced to allow for proper growth.
- Trees should be planted with suitable root-space, mulched and watered regularly for the first year to ensure survival.
- Preferred species for this site would include would 2 large trees planted in the City right-of-way in the front yard and 2 small-medium trees trees in the back yard, including but not limited to:
 - Large: Sugar maple, red oak, white oak, eastern white pine.
 - Medium: Hackberry, red maple, honey locust, white spruce, fir, tamarack
 - Small: Serviceberry, Hawthorn, Sweet Viburnum , Mountain Ash, Crab Apple, Canada Plum, Pin Cherry, Mulberry, Eastern Flowering Dogwood.
- Avoid planting: Norway maple, willow, aspen or poplar, ash.
- See Site on page six for potential planting sites.

Tree Protection and Replacement: 94 Withrow Ave



This diagram is approximate and actual measurements should be taken when installing tree protection

| | |
|---|---------------------------------------|
| Trees to be removed | — |
| Critical Root zones of trees to be retained | — |
| Tree Protection Fence to be installed | — |
| Replacement tree to be planted | — |