

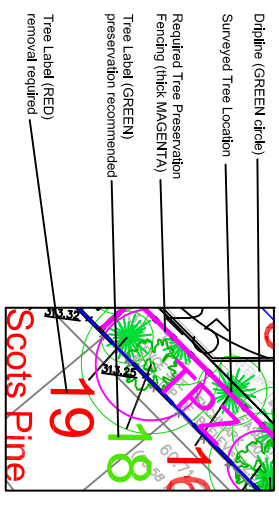
LEGEND

Tree Inventory
Refer to Table 1 of report dated 9 July 2019, revised 26 March 2020, 31 March 2020 and 8 March 2021. Trees greater than 10cm DBH on and within six metres of the subject property, and trees of all sizes within the road right-of-way were included in the inventory.

Tree Removals
The removal of 24 trees is required to accommodate the proposed development as indicated with RED labels.

Tree Preservation

Preservation of remaining 8 trees will be possible with appropriate tree protection measures. Trees identified for preservation are indicated with GREEN labels. Tree protection measures will have to be implemented prior to the construction phase (earth works). Minimum tree preservation zones and required tree preservation fencing is indicated in MAGENTA. Refer to Tree Protection Plan Notes for preservation details.



No.	Issue/Revisions	Date	By
1	Report Submission	9 Jul '19	KH
2	Report Revision	26 Mar '20	KH
3	Report Revision	31 Mar '20	KH
4	Report Revision	8 Mar '21	KH
5	Report Revision	28 Apr '21	CB

Base Data: Rudy Mak Surveying Ltd. (topo), Studio JCI (site plan)



Client: **440 Essa Developments Inc.**
28 Rivada Road
Toronto, ON M8M 2M3

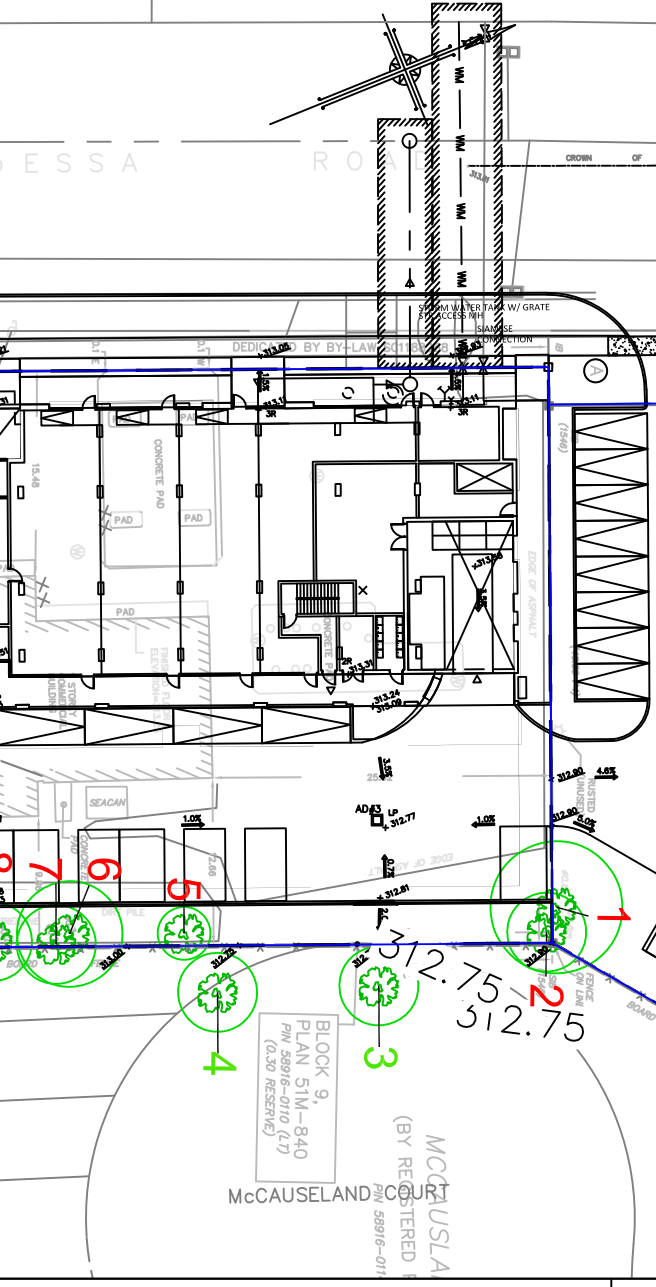
Property: **440 Essa Road**
Barrie, Ontario

Existing Conditions, Proposed Site Plan
Tree Inventory and Preservation Plan

Project: P2122

Date: 9 July 2019

Scale: 1:600



TREE PROTECTION PLAN NOTES

Prior to site disturbance the owner must confirm that no migratory birds are making use of the site for nesting. The owner must ensure that the works are in conformance with the Migration Bird Convention Act and that no migratory bird nests will be impacted by the proposed work. It is the applicant's responsibility to discuss potential tree injury of trees on the subject property with their neighbours. Should such trees be injured to the point of being dead or dying, the applicant must be prepared to replace such trees. The applicant should be dealt with in full court or through negotiation. The applicant would be required to replace such trees to the satisfaction of the City of Barrie.

TREE PROTECTION ZONE: No construction activity including grade changes, surface treatments or excavations of any kind is permitted within the area identified on the Tree Protection Plan or Site Plan as a Tree Protection Zone (TPZ). No root cutting is permitted, No storage of materials or fill is permitted within the TPZ. No movement or storage of vehicles or equipment is permitted within the TPZ. Grade changes are not permitted within established TPZs.

TREE PROTECTION BARRIERS:

For Chopped Trees:

Tree protection barriers for trees situated on the City road allowance where visibility must be maintained, can be 1.2m (4ft.) high and consist of chain link, or orange plastic webbing fencing on a 2" x 4" wood frame. All supports and bracing used to secure the barrier should be located outside the TPZ. All supports and bracing should minimize damage to roots outside the TPZ. Where some fill or excavate has to be temporarily located near a tree protection barrier, plywood must be used to ensure no material enters the TPZ. If the TPZ needs to be reduced to facilitate construction access, the tree protection barrier must be maintained at a lesser distance from the tree. The TPZ protected with plywood and wood chips. This must first be approved by the City of Barrie.

Trees on private property situated on or adjacent to construction sites:

Tree protection barriers must be installed around trees to be protected using plywood clad hoarding or an equivalent approved by the City of Barrie. All supports and bracing to safely secure the barrier should be outside the TPZ. All such supports and bracing should minimize damage to roots outside the TPZ.

General Note:

Prior to the commencement of any site activity the tree protection barriers specified on this plan must be installed and maintained throughout the construction period. The tree protection zones must not be used as construction access, storage or staging areas. The tree protection barriers must remain in effective condition until all site activities including landscaping are complete. Written notice must be provided to the City of Barrie prior to the removal of the tree protection barriers.

ARBOCULTURAL WORK:

Any roots or branches which extend beyond the TPZ indicated on this plan which require pruning must be pruned by a qualified Arborist or other tree professional as approved by the City of Barrie. All pruning of tree roots and branches must be in accordance with good arboricultural practices. The City of Barrie will not be responsible for any damage to trees or property resulting from the hydro vac method. This will allow a proper pruning cut and minimize heaving of the roots. The Arborist/tree professional retained to carry out crown or root pruning must contact the City of Barrie no less than 48 hours prior to conducting any specified work.

NOTICE OF TREE REMOVALS

ALL VEGETATION REMOVAL WORK SHALL OCCUR IN ACCORDANCE WITH BY-LAW 2014-115

OWNER: (name of property or land owner) _____
REPORT 20mm SPACING 20mm
REPORT 20mm SPACING 10mm

FOR FURTHER INFORMATION PLEASE CONTACT: _____
(name of company or representative)
(address line 1)
(address line 2)
(contact telephone number)

CONTACT INFORMATION TO CONTACT: _____
REPORT 20mm SPACING 20mm
REPORT 20mm SPACING 10mm

NAME OF A PERSON/COMPANY OWNED OR OPERATED BY THE OWNER FOR WORK RELATED TO VEGETATION REMOVAL WORK: _____
OBTAINED

NOTICE TO BE POSTED IN A PUBLIC LOCATION (1) BEING CHAINED OFF FROM TO MAINTAIN OR DESTROYING VEGETATION.
1. REMOVE ALL VEGETATION WITHIN THE TREE PROTECTION ZONE.
2. REMOVE ALL VEGETATION WITHIN THE TREE PROTECTION ZONE.
3. REMOVE ALL VEGETATION WITHIN THE TREE PROTECTION ZONE.
4. ALL REMOVALS ARE IN ACCORDANCE WITH BY-LAW 2014-115.

Tree Removal Notification Template

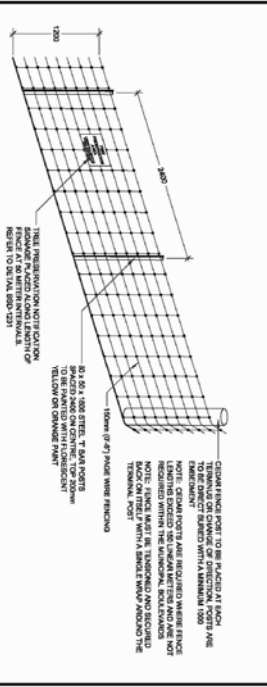
1. DATE: JUNE 2019
2. SCALE: 1:1.5
3. APPROVED: [Signature]
4. BSD-1230

TREE PRESERVATION AREA TEMPLATE

1. DATE: JUNE 2019
2. SCALE: 1:1.5
3. APPROVED: [Signature]
4. BSD-1231

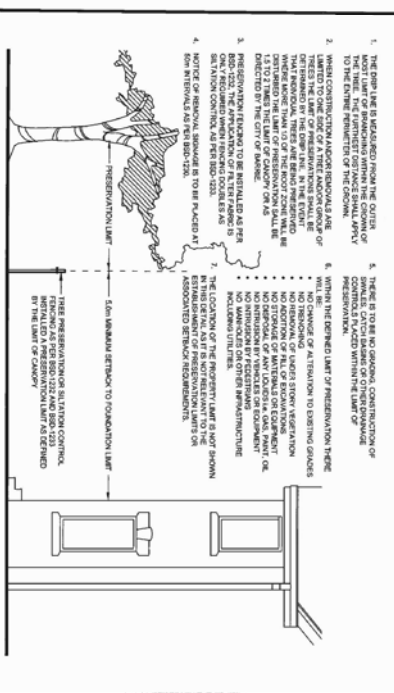
Tree Preservation Area Template

1. DATE: JUNE 2019
2. SCALE: 1:1.5
3. APPROVED: [Signature]
4. BSD-1231



Tree Preservation Fencing Template

1. DATE: JUNE 2019
2. SCALE: 1:1.5
3. APPROVED: [Signature]
4. BSD-1232



Limit of Tree Preservation Area Template

1. DATE: JUNE 2019
2. SCALE: 1:1.5
3. APPROVED: [Signature]
4. BSD-1235