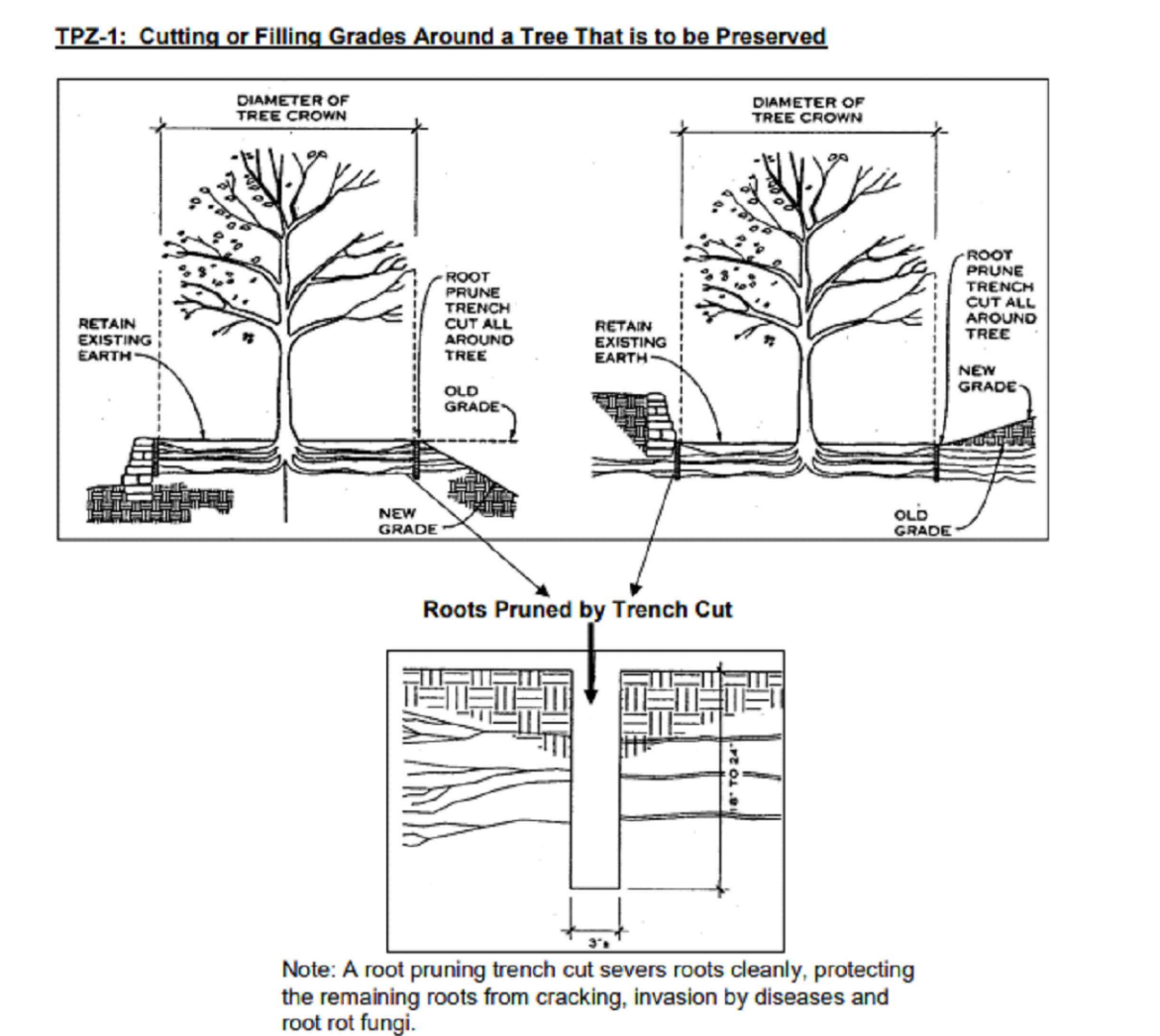
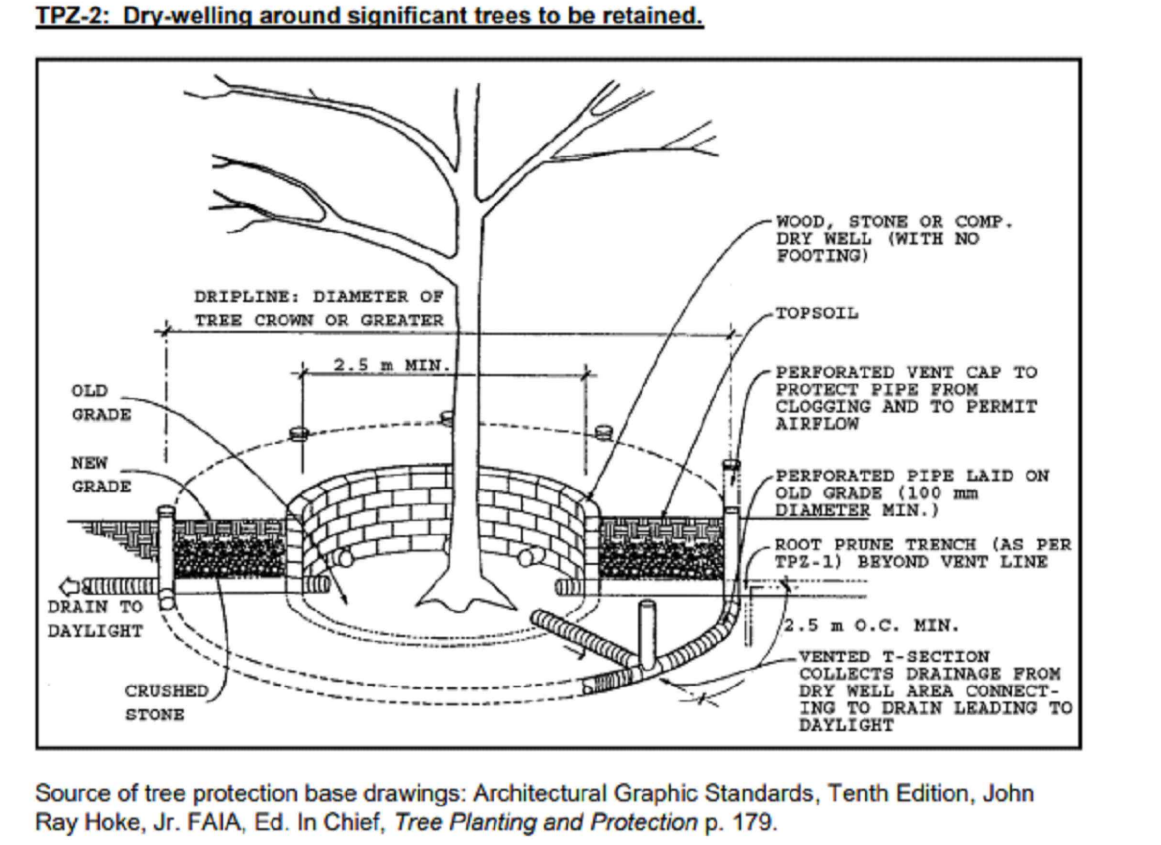
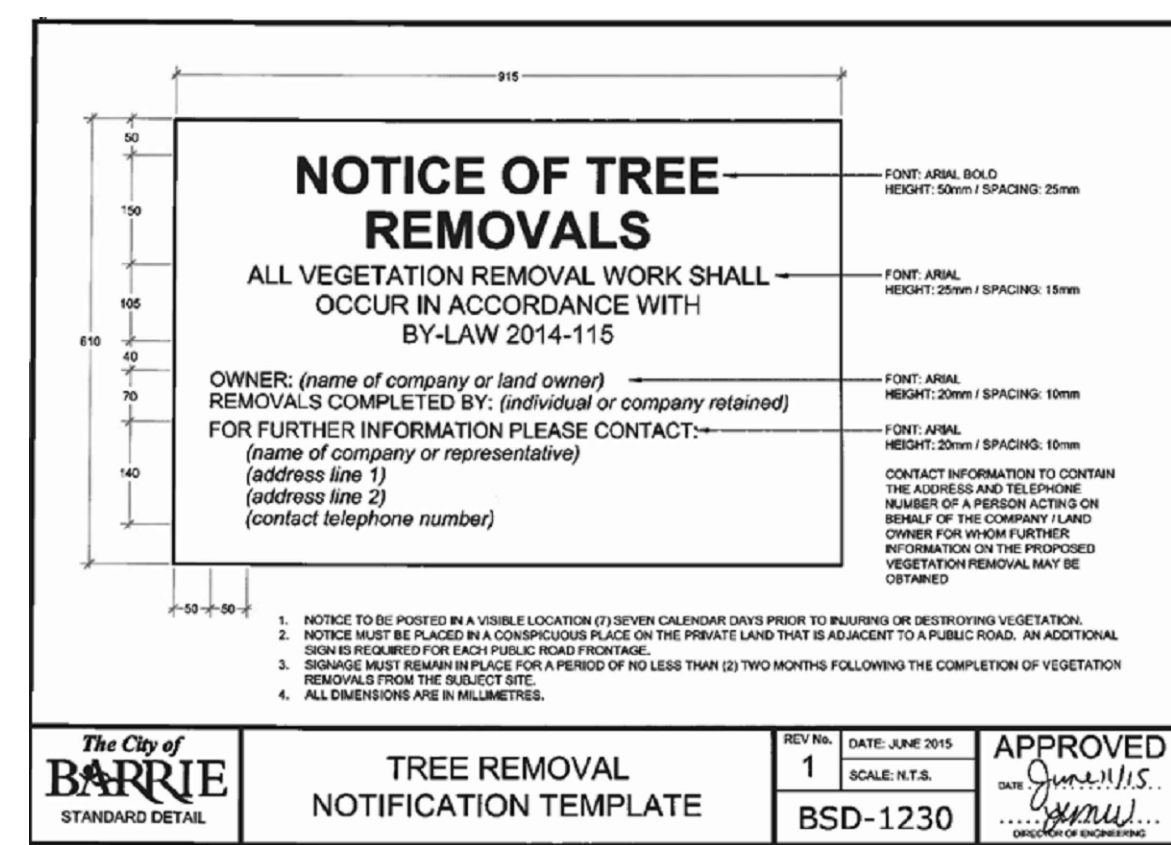
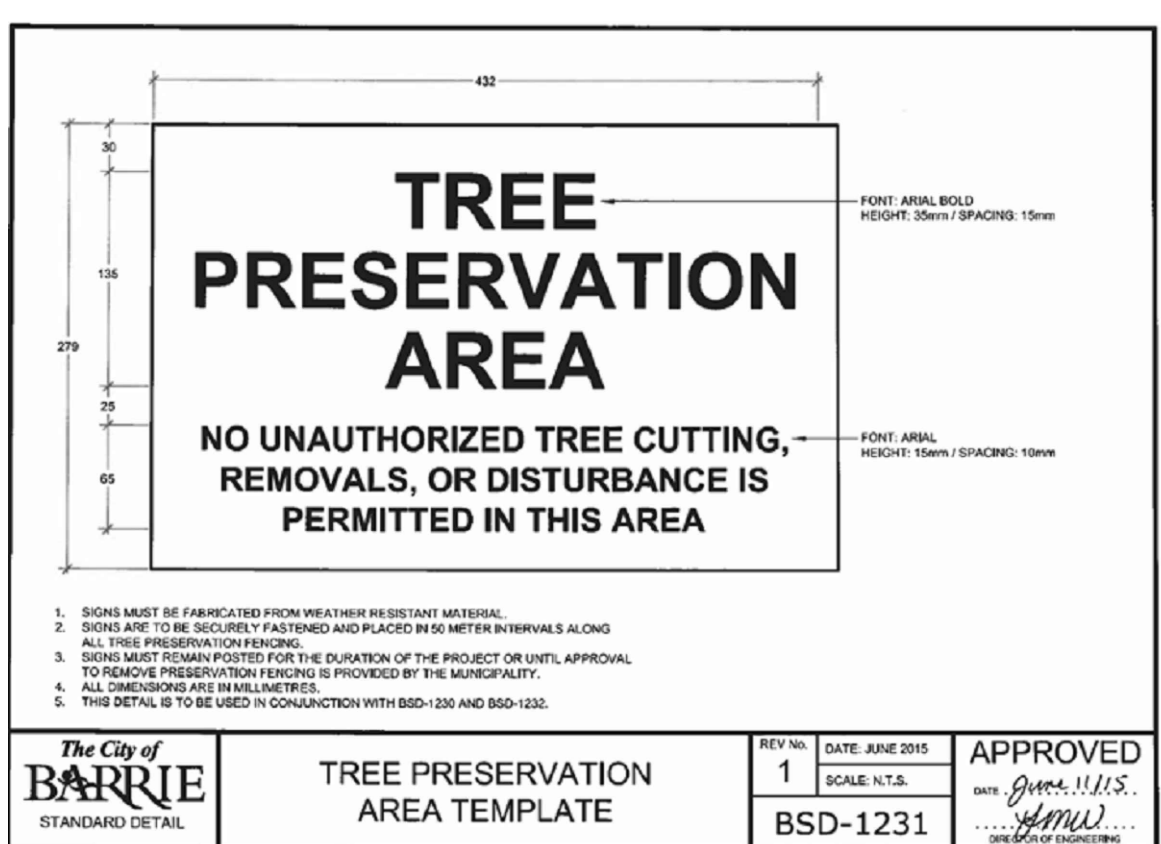
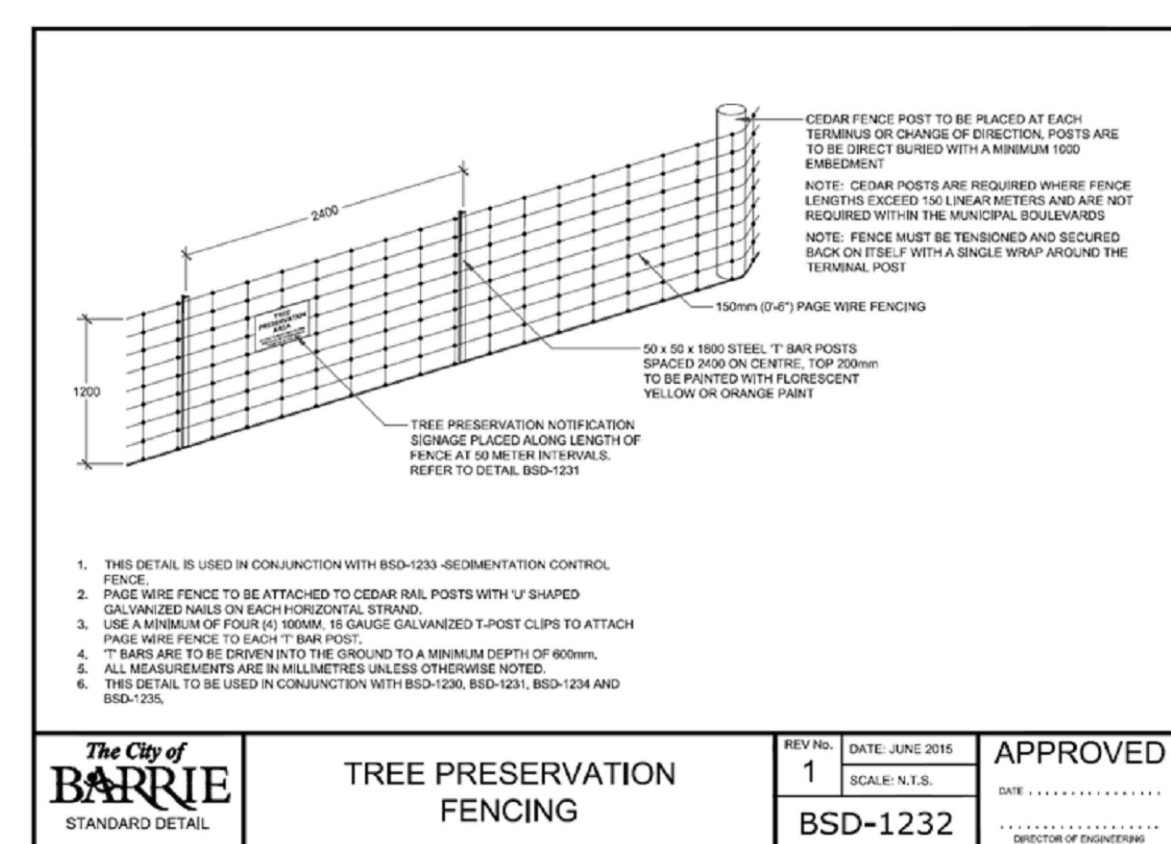
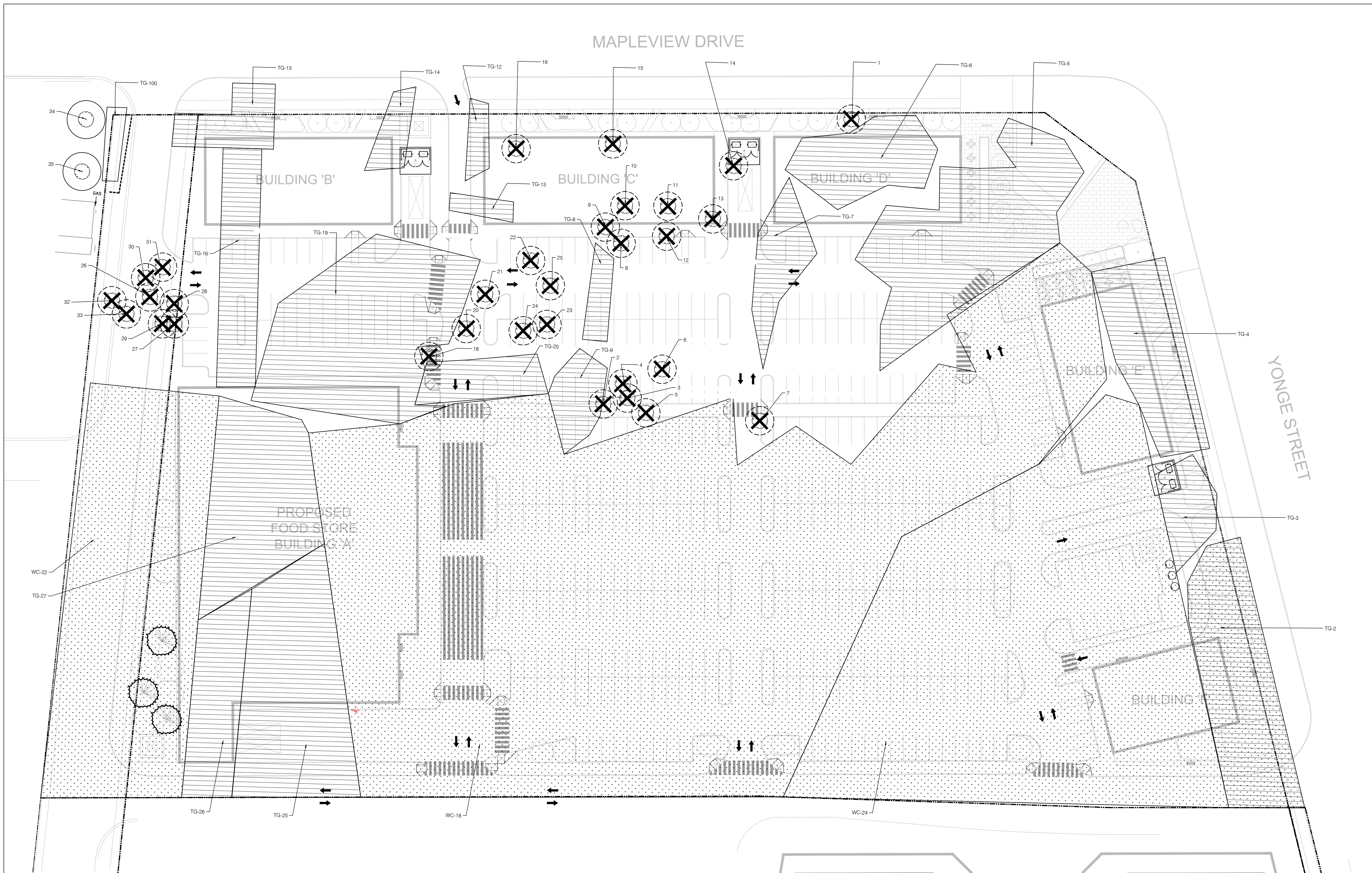




1 TREE PRESERVATION PLAN

ASSUMPTIONS AND LIMITING CONDITIONS:

- Care has been taken to obtain all information from reliable sources. All data has been verified insofar as possible; however *IBI Group* can neither guarantee nor be responsible for the accuracy of information provided by others.
- Unless otherwise required by law, possession of this report or a copy thereof does not imply right of publication or use for any purpose in whole or in part by any other than the person to whom it is addressed, without the prior expressly written or verbal consent of the author or his company.
- Excerpts or alterations to the report, without the authorization of the author or his company invalidates its intent and/or implied conclusions. This report may not be used for any expressed purpose other than its intended purpose and alteration of any part of this report invalidates the report.
- Unless expressed otherwise:
 - Information contained in this report covers only those items that were examined and reflect the condition of those items at the time of inspection; and
 - the inspection was made using accepted arboricultural techniques and is limited to visual examination of accessible items without climbing, dissection, probing or coring and detailed root examination involving excavation. While reasonable efforts have been made to assess trees outlined in this report, there is no warranty or guarantee, expressed or implied, that problems or deficiencies with the tree(s) or any part(s) of them may not arise in the future. All trees should be inspected and re-assessed periodically.
- The determination of ownership of any subject tree(s) is the responsibility of the owner and any civil or common-law issues, which may exist between property owners with respect to trees, must be resolved by the owner. A recommendation to remove or maintain tree(s) does not grant authority to encroach in any manner onto adjacent private properties.

Definition of Terms:

DBH: diameter at breast height (i.e. 1.4m from base of tree).

Condition:

Dead: shows no sign of life

Poor: greater than 30% dead branches, small/thin foliage, early leaf drop, presence of insects/disease associated with decline/decay, weak compartmentalization, structural defects are of significant concern.

Fair: 10 to 30% dead branches, small/thin foliage, size or occurrence of wounds present concern, minor structural defects exist.

Good: less than 10% dead branches and wounds present, good signs of compartmentalization, no structural defects.

Suitability for Conservation:

A rating of Poor/Moderate/Good is assigned to each tree taking in to account four factors which include, 1) Tree health 2) Structural integrity 3) Species response and 4) tree age and longevity, as recommended in the "For Tree Care operation - Trees, Shrubs, and Other Woody Plant Maintenance Standard Practice" prepared as part of the "ANSI A300 Standards".

I verify that the information provided above is true, accurate and has been provided to the best of my ability.

Name of Certified/Registered Consulting Arborist or Registered Professional Forester (Please Print)

Signature of Certified/Registered Consulting Arborist or Registered Professional Forester

Date

Isaac Baik, ISA ON-2685A

March 31, 2022

TREE INVENTORY CHARTS

Tree ID	Scientific Name	Common Name	DBH	Value	Preservation Value	Comments	Action
1	Acer saccharum	Sugar Maple	71	Fair	Low	Upright form, 10% dieback, included bark at branches. Impacted by proposed building.	Remove
2	Pinus sylvestris	Scots Pine	51.5	Fair	Low	Crown limited to top 1/3. Gypsy moth egg masses present. Impacted by proposed parking lot.	Remove
3	Robinia pseudoacacia	Black Locust	26.5	Fair	Low	Narrow form. Impacted by proposed parking lot.	Remove
4	Acer platanoides	Norway Maple	18.5	Good	Low	Impacted by proposed parking lot.	Remove
5	Robinia pseudoacacia	Black Locust	38	Fair	Low	10% dieback. Impacted by proposed parking lot.	Remove
6	Acer platanoides	Norway Maple	47	Good-Fair	Low	Included bark in branch unions, minor wound at base. Impacted by proposed parking lot.	Remove
7	Prunus serotina	Black Cherry	45	Poor	Low	Multi stem 45, 45, 40, 38 union at grade. Impacted by proposed parking lot.	Remove
8	Pinus sylvestris	Scots Pine	46.5	Good-Fair	Low	Impacted by proposed building.	Remove
9	Robinia pseudoacacia	Black Locust	20.5	Good-Fair	Low	Impacted by proposed building.	Remove
10	Robinia pseudoacacia	Black Locust	12	Good-Fair	Low	Impacted by proposed building.	Remove
11	Robinia pseudoacacia	Black Locust	15	Good	Low	Impacted by proposed building.	Remove
12	Robinia pseudoacacia	Black Locust	15	Good	Low	Impacted by proposed building.	Remove
13	Robinia pseudoacacia	Black Locust	13	Good-Fair	Low	Impacted by proposed building.	Remove
14	Acer platanoides	Norway Maple	38	Poor	Low	Multi stem, 3 stems. 2 dead. One on grid, crack at union. Impacted by proposed building.	Remove
15	Picea abies	Norway Spruce	40	Fair	Low	30% dieback. Impacted by proposed building.	Remove
16	Acer saccharum	Sugar Maple	102	Fair	Low	Included bark at union. Impacted by proposed building.	Remove
17	Betula papyrifera	Paper Birch	33	Good	Low	Impacted by proposed parking lot.	Remove
18	Quercus rubra	Red Oak	24	Good-Fair	Low	Impacted by proposed parking lot.	Remove
19	Acer saccharum	Sugar Maple	26.5	Good-Fair	Low	Codominant stem and included bark. Impacted by proposed parking lot.	Remove
20	Acer platanoides	Norway Maple	31	Fair	Low	Large wound on stem, codominant structure with included bark. 10% dieback.	Remove
21	Tilia cordata	Little Leaf Linden	30	Fair-Poor	Low	Large open wound on trunk. Signs of rotting on trunk. Impacted by proposed parking lot.	Remove
22	Juglans nigra	Black Walnut	18	Fair	Low	Tree leaning to the north east. Codominant leader with included bark. Impacted by proposed parking lot.	Remove
23	Robinia pseudoacacia	Black Locust	20	Good-Fair	Low	Impacted by proposed parking lot.	Remove
24	Sorbus aucuparia	Mountain Ash	17.5	Fair	Low	Codominant stem with included bark. woodpecker damage. 10% dieback. Impacted by proposed entrance from Maplevue Drive.	Remove
25	Picea abies	Norway Spruce	23.5	Fair	Low	Suppressed lower limb development. Large open wound on trunk. Impacted by proposed parking lot.	Remove
26	Picea abies	Norway Spruce	25	Fair	Low	Topped. Suppressed limb development on North side. Impacted by proposed parking lot.	Remove
27	Acer platanoides	Norway Maple	44	Fair	Low	Branch failures, 10% canopy dieback. Impacted by proposed parking lot.	Remove
28	Acer platanoides	Norway Maple	38.5	Fair	Low	Large crack on stem, epicormic shoots. codominant structure with included bark. Impacted by proposed entrance from Maplevue Drive.	Remove
29	Acer platanoides	Norway Maple	48	Fair	Low	Branch failures, 10% dieback, epicormic shoots. Impacted by proposed entrance from Maplevue Drive.	Remove
30	Thuja occidentalis	White Cedar	18	Fair	Low	10% dieback. Impacted by proposed entrance from Maplevue Drive.	Remove
31	Thuja occidentalis	White Cedar	19	Fair	Low	10% dieback. Impacted by proposed entrance from Maplevue Drive.	Remove
32	Picea abies	Norway Spruce	28	Good	High	Level 2 Protection Category. On adjacent private property.	Preserve
33	Picea abies	Norway Spruce	25	Good	High	Level 2 Protection Category. On adjacent private property.	Preserve

Grouping ID	Species Composition	Common Names	Average DBH Value	Preservation Value	Notes	Action	
TG-2	Pinus sylvestris, Acer saccharum	Scots Pine, Sugar Maple	10-25cm	Good-Fair	Low	Impacted by proposed building and landscaped area. Refer to Arborist Report for more detailed notes.	Remove
TG-3	Pinus sylvestris	Scots Pine	10-25cm	Poor	Low	Impacted by proposed parking lot and landscaped area. Refer to Arborist Report for more detailed notes.	Remove
TG-4	Pinus sylvestris, Acer saccharum	Scots Pine, Sugar Maple	15-25cm	Good-Fair	Low	Impacted by proposed building and landscaped area. Refer to Arborist Report for more detailed notes.	Remove
TG-5	Robinia pseudoacacia	Black Locust	25-40cm	Good-Fair	Low	Impacted by proposed building, parking lot and walkway. Refer to Arborist Report for more detailed notes.	Remove
TG-6	Robinia pseudoacacia	Black Locust	5-10cm	Good-Fair	Low	Impacted by proposed building and landscaped area. Refer to Arborist Report for more detailed notes.	Remove
TG-7	Acer saccharum, Robinia pseudoacacia, Acer platanoides	Sugar Maple, Black Locust, Norway Maple	10-15cm	Good-Fair	Low	Impacted by proposed building and parking lot. Refer to Arborist Report for more detailed notes.	Remove
TG-8	Thuja occidentalis	White Cedar	3-20cm	Good	Low	Impacted by proposed parking lot. Refer to Arborist Report for more detailed notes.	Remove
TG-9	Robinia pseudoacacia	Black Locust	20-30cm	Good-Fair	Low	Impacted by proposed parking lot. Refer to Arborist Report for more detailed notes.	Remove
TG-10	Picea glauca	White Spruce	15-20cm	Good	Low	Impacted by proposed building and parking lot entrance from Maplevue Drive. Refer to Arborist Report	Remove
TG-11	Thuja occidentalis, Picea glauca, Acer saccharum	White Cedar, White Spruce, Sugar Maple	20-30cm	Good	Low	Impacted by proposed building and parking lot entrance from Maplevue Drive. Refer to Arborist Report	Remove
TG-12	Thuja occidentalis	White Cedar	15-25cm	Good	Low	Impacted by proposed building and landscaped area. Refer to Arborist Report for more detailed notes.	Remove
TG-13	Picea abies, Pinus sylvestris	Norway Spruce, Scots Pine	25-40cm	Fair	Low	Impacted by proposed building and landscaped area. Refer to Arborist Report for more detailed notes.	Remove
TG-14	Acer saccharum, Acer platanoides, Pinus sylvestris, Ulmus americana	Silver Maple, Norway Maple, Scots Pine, White Elm	40-50cm	Fair	Low	Impacted by proposed building, and parking lot. Refer to Arborist Report for more detailed notes.	Remove
TG-15	Tilia cordata, Acer platanoides, Acer negundo, Thuja occidentalis	Little Leaf Linden, Norway Maple, Manitoba Maple, White Cedar	20-30cm	Fair-Good	Low	Impacted by proposed parking lot and building. Refer to Arborist Report for more details.	Remove
TG-16	Pinus sylvestris, Pinus strobus	Scots Pine, White Pine	15-25cm	Good	Low	Impacted by proposed parking lot. Refer to Arborist Report for more detailed notes.	Remove
TG-17	Picea glauca, Pinus strobus, Pinus sylvestris	White Spruce, White Pine, Scots Pine	10-15cm	Good	Low	Impacted by proposed building and roadway. Refer to Arborist Report for more detailed notes.	Remove
TG-18	Populus tremuloides, Pinus strobus, Pinus sylvestris	Trembling Aspen, White Pine, Scots Pine	5-10cm	Good-Fair	Low	Impacted by proposed building and roadway. Refer to Arborist Report for more detailed notes.	Remove
TG-19	Robinia pseudoacacia, Acer negundo, Populus tremuloides	Black Locust, Manitoba Maple, Trembling Aspen	10-20cm	Good-Fair	Low	Impacted by proposed building. Refer to Arborist Report for more detailed notes.	Remove
TG-100	Picea abies, Pinus sylvestris	Norway Spruce, Scots Pine	40-50cm	Good	Low	On adjacent private property impacted by proposed entrance from Maplevue Drive. Refer to Arborist Report	Remove

Woodlot Compartment ID	Species Composition	Common Names	Average DBH Value	Preservation Value	Notes	Action	
WC-18	Robinia pseudoacacia	Black Locust	5-10cm	Good-Fair	Low	Impacted by proposed buildings, parking lot and roadway. Refer to Arborist Report for more detailed notes.	Remove
WC-22	Pinus sylvestris	Scots Pine	20-30cm	Good-Fair	Low	Impacted by proposed roadway, landscaped area, and building. Refer to Arborist Report for more detailed notes.	Remove
	Pinus pensilvanica	Pin Cherry					
	Quercus rubra	Red Oak					
	Acer platanoides	Norway Maple					
WC-24	Robinia pseudoacacia	Black Locust	5-10cm	Good	Low	Impacted by proposed buildings, parking lot and roadway. Refer to Arborist Report for more detailed notes.	Remove

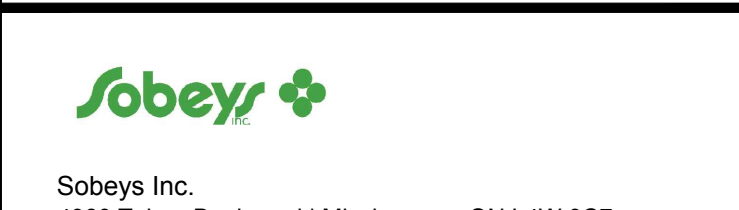


KEY PLAN N.T.S.

LEGEND

- Tree preservation fencing
- Existing tree to be removed
- Existing tree (inventoried)
- Existing tree to be preserved
- Existing tree grouping to be preserved
- Tree grouping to be removed
- Woodlot compartment to be removed

No.	DATE	DESCRIPTION
01	MAR 31, 2022	ISSUED FOR ZONING BY-LAW APPLICATION



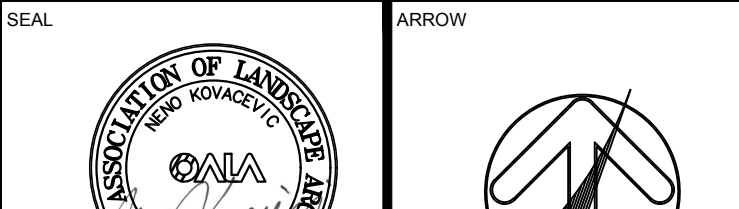
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DRAWN BY	DATE	SCALE	CHECKED BY
	Mar 31, 2022	1:400	

PROJECT TITLE
YONGE ST & MAPLEVIEW DRIVE
RETAIL DEVELOPMENT

BARRIE, ONTARIO

SHEET TITLE
TREE PROTECTION AND
REMOVAL PLAN



PROJECT NO.
136335

DWG NO.
L-001