















Legend

- | | | | |
|---|------------------------------|---|-----------------------|
|  | EXISTING DECIDUOUS TREE |  | PROPOSED GRASS |
|  | EXISTING CONIFEROUS TREE |  | PROPOSED PLANTING BED |
|  | EXISTING VEGETATION GROUPING |  | PROPOSED BUILDING |
|  | PROPERTY LIMIT |  | PROPOSED WALKWAY |
|  | PROJECT LIMIT |  | SITE PLAN BY OTHERS |
-
- | | |
|---|---|
|  | PROPOSED LARGE TREE
SINGLE TREE SOIL VOLUME (30m³)
MULTIPLE TREE SOIL VOLUME (18m³ + / TREE) |
|  | PROPOSED MEDIUM TREE
SINGLE TREE SOIL VOLUME (30m³)
MULTIPLE TREE SOIL VOLUME (18m³ + / TREE) |
|  | PROPOSED SMALL TREE
SINGLE TREE SOIL VOLUME (25m³)
MULTIPLE TREE SOIL VOLUME (15m³ + / TREE) |
|  | PROPOSED CONIFEROUS TREE
SINGLE TREE SOIL VOLUME (25m³)
MULTIPLE TREE SOIL VOLUME (15m³ + / TREE) |

Notes

- THIS LANDSCAPE CONCEPT PLAN HAS BEEN DEVELOPED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT: PRELIMINARY GEOTECHNICAL REPORT - PROPOSED LAND DEVELOPMENT AT 1010 SOMERSET STREET W, OTTAWA, ONTARIO - FEBRUARY 19, 2025.
- THE GEOTECHNICAL INVESTIGATION CONFIRMS THE PRESENCE OF SENSITIVE MARINE CLAY SOILS ON THE PROPERTY INCLUDING LOW PLASTICITY LEAN CLAY AND CLAY WITH HIGH PLASTICITY. AS SUCH, CITY OF OTTAWA GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS APPLY.
 - AVOID PLANTING TREE SPECIES WITH AGGRESSIVE WATER SEEKING ROOTS.
 - NO TREE PLANTINGS WITHIN 4,500mm OF BUILDING FOUNDATIONS.
 - LARGE TREE PLANTINGS OFFSET FROM FOUNDATIONS BY A DISTANCE EQUAL TO THE ANTICIPATED MATURE HEIGHT OF THE TREE.
 - SMALL TREES MUST BE PROVIDED WITH A MINIMUM 25m³ OF AVAILABLE SOIL VOLUME.
 - MEDIUM TREES MUST BE PROVIDED WITH A MINIMUM 30m³ OF AVAILABLE SOIL VOLUME.
- ELEVATIONS OF THE UNDERSIDE OF FOOTINGS TO BE DETERMINED DURING THE SITE PLAN STAGE. PER CITY OF GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS. THE FOUNDATION WALLS OF BUILDINGS ARE TO BE REINFORCED AT LEAST NOMINALLY WITH A MINIMUM OF TWO UPPER AND TWO LOWER 15m BARS TO PROVIDE DUCTILITY.
- TREE SPECIES SELECTION INCLUDING THE GRADING TO TREES TO BE DETERMINED DURING THE SITE PLAN STAGE.
- THE CONCEPT LANDSCAPE DESIGN IS FOR REFERENCE ONLY. REFER TO PLANNING, ENGINEERING & ARCHITECTURAL DRAWINGS.
- LOCATION OF EXISTING TREES ARE BASED ON THE SITE SURVEY COMBINED WITH ON-SITE OBSERVATIONS.

2	RE-ISSUED FOR REVIEW	BL	ILL	25.06.06
1	ISSUED FOR REVIEW	TA	ILL	25.02.21
Revision		By	Appd.	YY.MM.DD

File Name:	160402067_1b	TA	ILL	BL	25.06.03
		Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

CITY OF OTTAWA
1010 SOMERSET STREET WEST


REZONING AND REDEVELOPMENT

OTTAWA, ONTARIO

Title

CONCEPT
LANDSCAPE PLAN

Project No.
160402067

Scale
1:500


Drawing No.

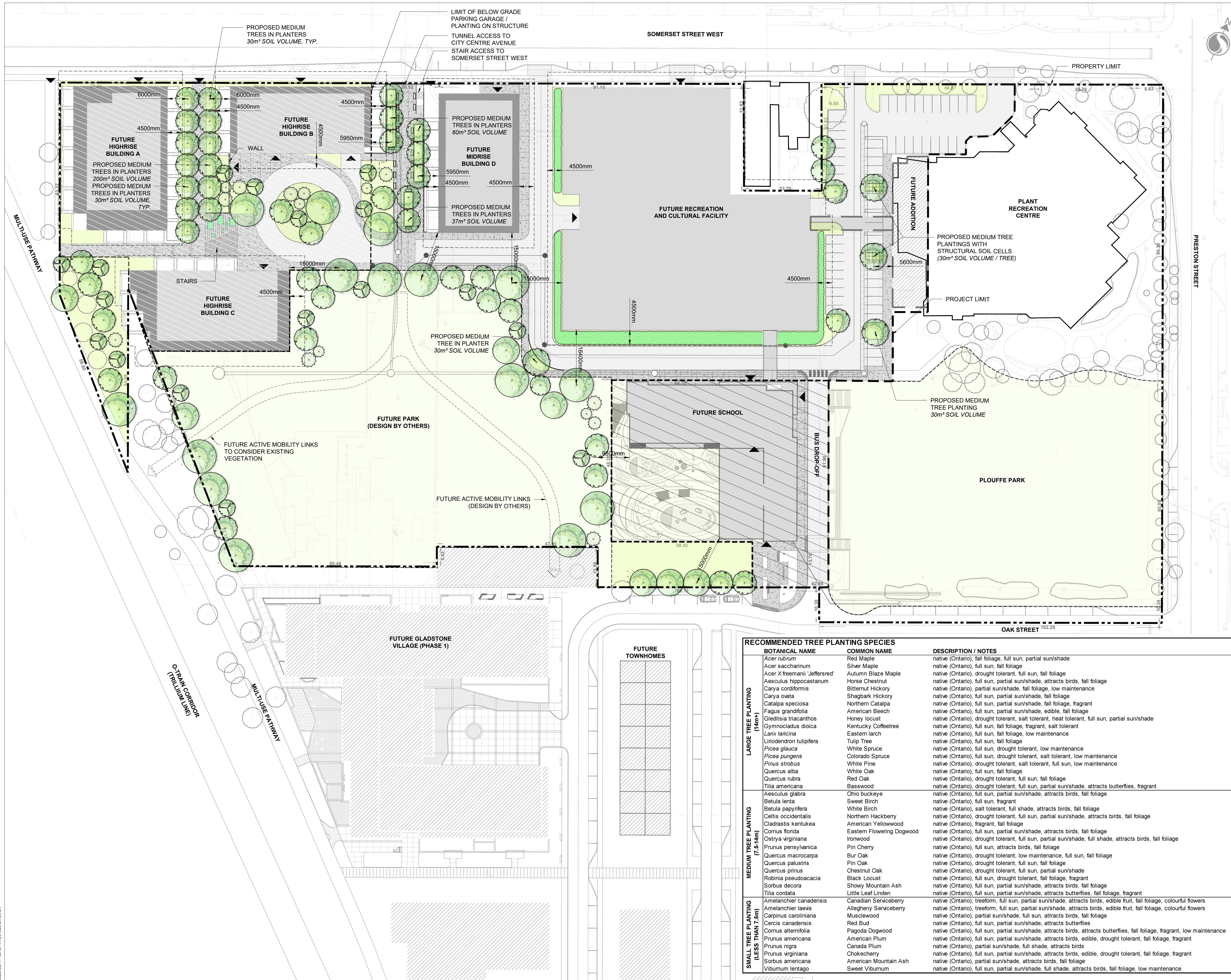
Sheet

Revision

L100

1 of 1

2



RECOMMENDED TREE PLANTING SPECIES

	BOTANICAL NAME	COMMON NAME	DESCRIPTION / NOTES
LARGE TREE PLANTING (14m+)	<i>Acer rubrum</i>	Red Maple	native (Ontario), fall foliage, full sun, partial sun/shade
	<i>Acer saccharinum</i>	Silver Maple	native (Ontario), full sun, fall foliage
	<i>Acer X freemantii 'Jeffersred'</i>	Autumn Blaze Maple	native (Ontario), drought tolerant, full sun, fall foliage
	<i>Aesculus hippocastanum</i>	Horse Chestnut	native (Ontario), full sun, partial sun/shade, attracts birds, fall foliage
	<i>Carya cordiformis</i>	Bitternut Hickory	native (Ontario), partial sun/shade, fall foliage, low maintenance
	<i>Carya ovata</i>	Shagbark Hickory	native (Ontario), full sun, partial sun/shade, fall foliage
	<i>Catalpa speciosa</i>	Northern Catalpa	native (Ontario), full sun, partial sun/shade, fall foliage, fragrant
	<i>Fagus grandifolia</i>	American Beech	native (Ontario), full sun, partial sun/shade, edible, fall foliage
	<i>Gleditsia triacanthos</i>	Honey Locust	native (Ontario), drought tolerant, salt tolerant, heat tolerant, full sun, partial sun/shade
	<i>Gymnocladus dioica</i>	Kentucky Coffeetree	native (Ontario), full sun, fall foliage, fragrant, salt tolerant
	<i>Larix laricina</i>	Eastern Larch	native (Ontario), full sun, fall foliage, low maintenance
	<i>Liriodendron tulipifera</i>	Tulip Tree	native (Ontario), full sun, fall foliage
	<i>Picea glauca</i>	White Spruce	native (Ontario), full sun, drought tolerant, low maintenance
	<i>Picea pungens</i>	Colorado Spruce	native (Ontario), full sun, drought tolerant, salt tolerant, low maintenance
	<i>Pinus strobus</i>	White Pine	native (Ontario), drought tolerant, salt tolerant, full sun, low maintenance
	<i>Quercus alba</i>	White Oak	native (Ontario), full sun, fall foliage
	<i>Quercus rubra</i>	Red Oak	native (Ontario), drought tolerant, full sun, fall foliage
	<i>Tilia americana</i>	Basswood	native (Ontario), drought tolerant, full sun, partial sun/shade, attracts butterflies, fragrant
	<i>Aesculus glabra</i>	Ohio buckeye	native (Ontario), full sun, partial sun/shade, attracts birds, fall foliage
	<i>Betula lenta</i>	Sweet Birch	native (Ontario), full sun, fragrant
MEDIUM TREE PLANTING (7.5-14m)	<i>Betula papyrifera</i>	White Birch	native (Ontario), salt tolerant, full shade, attracts birds, fall foliage
	<i>Celtis occidentalis</i>	Northern Hackberry	native (Ontario), drought tolerant, full sun, partial sun/shade, attracts birds, fall foliage
	<i>Cladrastis kentukea</i>	American Yellowwood	native (Ontario), fragrant, fall foliage
	<i>Cornus florida</i>	Eastern Flowering Dogwood	native (Ontario), full sun, partial sun/shade, attracts birds, fall foliage
	<i>Ostrya virginiana</i>	Ironwood	native (Ontario), drought tolerant, full sun, partial sun/shade, full shade, attracts birds, fall foliage
	<i>Prunus pensylvanica</i>	Pin Cherry	native (Ontario), full sun, attracts birds, fall foliage
	<i>Quercus macrocarpa</i>	Bur Oak	native (Ontario), drought tolerant, low maintenance, full sun, fall foliage
	<i>Quercus palustris</i>	Pin Oak	native (Ontario), drought tolerant, full sun, fall foliage
	<i>Quercus prinus</i>	Chestnut Oak	native (Ontario), drought tolerant, full sun, partial sun/shade
	<i>Robinia pseudoacacia</i>	Black Locust	native (Ontario), full sun, drought tolerant, fall foliage, fragrant
	<i>Sorbus decora</i>	Showy Mountain Ash	native (Ontario), full sun, partial sun/shade, attracts birds, fall foliage
	<i>Tilia cordata</i>	Little Leaf Linden	native (Ontario), full sun, partial sun/shade, attracts butterflies, fall foliage, fragrant
	<i>Amelanchier canadensis</i>	Canadian Serviceberry	native (Ontario), treeform, full sun, partial sun/shade, attracts birds, edible fruit, fall foliage, colourful flowers
	<i>Amelanchier laevis</i>	Allegheny Serviceberry	native (Ontario), treeform, full sun, partial sun/shade, attracts birds, edible fruit, fall foliage, colourful flowers
	<i>Carpinus caroliniana</i>	Muscledwood	native (Ontario), partial sun/shade, full sun, attracts birds, fall foliage
SMALL TREE PLANTING (LESS THAN 7.5m)	<i>Cercis canadensis</i>	Red Bud	native (Ontario), full sun, partial sun/shade, attracts butterflies
	<i>Cornus alternifolia</i>	Pagoda Dogwood	native (Ontario), full sun, partial sun/shade, attracts birds, attracts butterflies, fall foliage, fragrant, low maintenance
	<i>Prunus americana</i>	American Plum	native (Ontario), full sun, partial sun/shade, attracts birds, edible, drought tolerant, fall foliage, fragrant
	<i>Prunus nigra</i>	Canada Plum	native (Ontario), partial sun/shade, full shade, attracts birds
	<i>Prunus virginiana</i>	Chokecherry	native (Ontario), full sun, partial sun/shade, attracts birds, edible, drought tolerant, fall foliage, fragrant
	<i>Sorbus americana</i>	American Mountain Ash	native (Ontario), partial sun/shade, attracts birds, fall foliage
	<i>Viburnum lentago</i>	Sweet Viburnum	native (Ontario), full sun, partial sun/shade, full shade, attracts birds, fall foliage, low maintenance