



**LEGEND:**

- APPROXIMATE SITE BOUNDARY
- CRITICAL ROOT ZONE (CRZ)
- 0.15m EXISTING DECIDUOUS TREE
- 0.30m EXISTING CONIFEROUS TREE
- ✕ TREE TO BE REMOVED

**SITE DESCRIPTION:**  
 THE SITE INCLUDES AN EXISTING SINGLE STORY COMMERCIAL BUILDING WITH ASPHALT ACCESS DRIVE AND PARKING AREAS AND CONCRETE PATHWAYS. EXISTING TREES APPEAR TO HAVE BEEN PLANTED AS PART OF THE ORIGINAL COMMERCIAL DEVELOPMENT AND ARE LOCATED IN EXISTING TRAFFIC ISLANDS AND GRASS VERGES. ADJACENT TO THE SITE ON THE WEST SIDE OF OHELLO IS AN AVENUE OF MATURE LITTLE LEAF LINDEN TREES.

THE TOPOGRAPHY OF THE SITE IS GENERALLY FLAT AND THE AREA IS SURROUNDED BY EXISTING COMMERCIAL TO THE NORTH AND SOUTH, RESIDENTIAL TO THE WEST AND INSTITUTIONAL (SCIENCE AND TECH MUSEUM) TO THE EAST. THE SITE IS NOT CONSIDERED OF PRIMARY OR SUPPORTING SIGNIFICANCE AS NATURAL LANDS IN THE GREENSPACE MASTER PLAN.

**GENERAL NOTES:**  
 CURRENT SITE BOUNDARY / AREA IS 6955m<sup>2</sup>. THIS DEVELOPMENT PROPOSES THE FOLLOWING:

**EXISTING CONDITIONS**

- APPROXIMATELY 464m<sup>2</sup> OF EXISTING BUILDING
- APPROXIMATELY 5896m<sup>2</sup> OF EXISTING HARD / NON-PERMEABLE PAVING

**PROPOSED DEVELOPMENT**

- APPROXIMATELY 2166m<sup>2</sup> OF NEW BUILDING FOOTPRINT
- APPROXIMATELY 1579m<sup>2</sup> OF NEW HARD / NON-PERMEABLE PAVING

**DEVELOPMENT TOTALS**

- APPROXIMATELY 2166m<sup>2</sup> TOTAL BUILDING FOOTPRINT AREA
- APPROXIMATELY 3112m<sup>2</sup> TOTAL HARD / NON-PERMEABLE PAVING
- PLANTING OF 67 NEW DECIDUOUS TREES
- PLANTING OF 01 NEW CONIFEROUS TREES

THE PROPOSED DEVELOPMENT REQUIRES THE REMOVAL OF 11 TREES. THE LOCATION FOR NEW TREE PLANTING HAS BEEN DETERMINED TO ALLOW FOR MAXIMUM SOIL VOLUMES AND MINIMAL CONFLICTS WITH UNDERGROUND STRUCTURES TO ALLOW FOR THE ESTABLISHMENT OF LARGE MATURE TREES IN THE 'POPS' SPACE AND AVENUE TREE PLANTING ALONG THE NORTH AND WEST BOUNDARIES OF THE SITE. REFER TO THE LANDSCAPE PLAN FOR PROPOSED TREE SPECIES.

TREE CONSERVATION - FIELD NOTES								
Tree #	Botanical Name	Common Name	Caliper (cm)	Condition	High Quality Tree	Rare Tree	Comments	To Be Preserved
1	Tilia Cordata	Littleleaf Linden	22cm	Good	N	N	Symmetrical Canopy	N
2	Acer Ginnala	American Maple	8-12cm	Moderate	N	N	Asymmetrical Canopy, Pruned, Die-back ~10%, Crossed branches, Multi stem: 5 @ 18-22cm, Bark rot @ limbs	N
3	Acer Ginnala	American Maple	8-15cm	Moderate	N	N	Asymmetrical Canopy, Die-back ~15%, Crossed branches, Multi stem: 5 @ 8-15cm, Bark rot @ limbs	N
4	Acer Ginnala	American Maple	10-15cm	Moderate	N	N	Asymmetrical Canopy, Die-back ~10%, Multi stem: 4 @ 10-15cm, Bark rot @ limbs	N
5	Acer Ginnala	American Maple	12-15cm	Poor	N	N	Asymmetrical Canopy, Die-back ~40%, Pruned heavily, Poor branch union, Crossed branches, Multi stem: 4 @ 12-15cm, heart rot and bark rot	N
6	Acer Ginnala	American Maple	8-15cm	Poor	N	N	Asymmetrical Canopy, Die-back @ 40%, Pruned heavily, Multi stem: 5 @ 8-15cm, Crossed branches, Heart rot & Bark rot	N
7	Acer Platanoides 'Columnare'	Columnar Norway Maple	28cm	Poor	N	N	Asymmetrical Canopy, Die-back ~20% @ crown, Rot @ limbs	N
8	Acer Platanoides 'Columnare'	Columnar Norway Maple	25cm	Poor	N	N	Asymmetrical Canopy, Die-back ~50% @ roadside, Rot @ trunk & limbs, Damage @ base	N
9	Acer Platanoides 'Columnare'	Columnar Norway Maple	13-15cm	Moderate	N	N	Asymmetrical Canopy, Die-back ~10%, Broken limbs, Pruned, Poor branch angle, Co-dominant leaders 2 @ base, Heart rot @ trunk	N
10	Acer Platanoides 'Columnare'	Columnar Norway Maple	18cm	Poor	N	N	Symmetrical Canopy, Die back ~40% @ crown, Broken limbs, Rot @ limbs	N

11	Prunus virginiana	Virginia Chokecherry	15cm	Good	N	N	Symmetrical Canopy, Included bark	N
12	Picea Pungens	Blue Spruce	18cm	Moderate	N	N	Symmetrical Canopy, Die back ~10% @ lower & inner branches, Broken limbs, Damage @ base	Y
13	Ulmus	Elm	10-20cm	Moderate	N	N	Die back ~15% @ lower branches, Poor branch angle, Co-dominant leaders 2 @10 & 20cm ~.450m above grade, Crossed branches, Pest infestation	Y
14	Ulmus	Elm	8-15cm	Moderate	N	N	Asymmetrical Canopy (next to light column), Die back ~20% @ lower limbs, Co-dominant leaders 7 @ base	Y
15	Tilia Cordata	Littleleaf Linden	20cm	Good	N	N	Symmetrical Canopy	Y
16	Tilia Cordata	Littleleaf Linden	18cm	Good / Moderate	N	N	Asymmetrical Canopy, Die back ~10% @ crown, Heavier growth on north side	Y
17	Tilia Cordata	Littleleaf Linden	15cm	Moderate	N	N	Symmetrical Canopy, Die back ~30% @ crown, Crossed branches	Y
18	Tilia Cordata	Littleleaf Linden	38cm	Good	N	N	Symmetrical Canopy, Die back ~5% @ crown, Crossed branches	Y
19	Tilia Cordata	Littleleaf Linden	71cm	Good	N	N	Symmetrical Canopy, Trunk is leaning	Y
20	Tilia Cordata	Littleleaf Linden	51cm	Good / Moderate	N	N	Asymmetrical Canopy, Pruned, O.H. Util	Y
21	Tilia Cordata	Littleleaf Linden	40cm	Poor	N	N	Asymmetrical Canopy, Pruned O.H. Util, Heart rot @ trunk & cavities, Included bark, damage @ base	Y
22	Tilia Cordata	Littleleaf Linden	58cm	Good	N	N	Symmetrical Canopy	Y
23	Pinus strobus	White Pine	38cm	Good / Moderate	N	N	Asymmetrical Canopy, Pruned lower limbs, O.H. Util, 1 dead lower limb	Y

1	ISSUED FOR SPC	08 NOV 2018
No.	Revision	Date

North: \_\_\_\_\_ Stamp: \_\_\_\_\_

**CSW** Landscape Architecture  
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  - check and verify all dimensions on site;
  - report all errors and/or omissions to the landscape architect;
  - comply with all pertinent codes and by-laws;
  - check and verify locations of all underground services with all local utilities prior to any digging.

Project: **ELMVALE ACRES REDEVELOPMENT - PH I**

OTTAWA, ONTARIO

Drawing: **TREE CONSERVATION EXISTING CONDITIONS**

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