

AS PER SECTION 75 OF THE 'TREE PROTECTION BY-LAW' MITIGATION MEASURES WILL INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS OR STEEL PLATING OVER THE ROOTS, THE PROPER PRUNING AND CARE FOR ROOTS WHERE THEY ARE ENCOUNTERED AND THE USE OF TUNNELING OR BORING WHEN EXCAVATING'

CONSULTANTS

ARCHITECTS: **RH**

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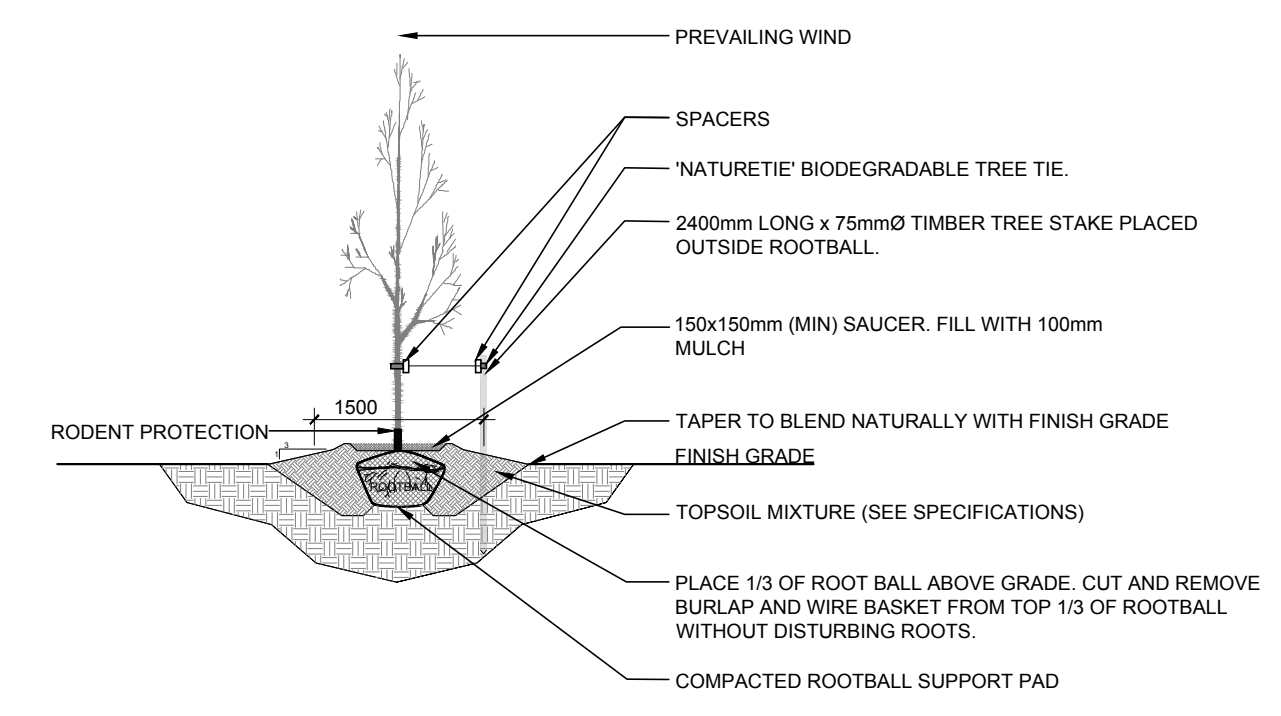
**LEGEND**

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUBS
- PROPOSED SOD
- PROPOSED PEASTONE
- PROPOSED TREE PROTECTION FENCE
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED GRAVEL

**1 TREE CONSERVATION REPORT & LANDSCAPE PLAN**  
L.1 SCALE: 1:100

**GENERAL NOTES:**

- It is the responsibility of the appropriate contractor or official to report any errors, omissions or discrepancies on this plan with actual site conditions to the Landscape Architect before proceeding with construction.
- The contractor is to notify all utility companies and authorities prior to any excavation and ascertain locations of underground services.
- The contractor is to reinstate all areas and items damaged as a result of construction activity.
- The contractor is to comply with all pertinent codes and by-laws.
- The contractor is to maintain a positive surface run-off throughout the entire construction period.
- The Landscape Architect is not responsible for subsurface conditions.
- The contractor is to identify all existing trees to remain on site with the Landscape Architect prior to construction.
- The contractor is to stake the proposed location of all plant material in conjunction with the Landscape Architect prior to excavation.
- Minimum distances for selected deciduous trees are as follows:
  - Building Foundations 7.5m
  - Sidewalks 1.5m
  - Public Streets 2.5m
  - Underground Infrastructure 2.0m
- All trees within 1m of underground utility trenches are to be excavated by hand.
- Remove all protective wrapping from tree trunks after installation.
- Staking of trees shall only be performed if necessary.
- Ensure that mulch is pulled back a min. distance of 75mm from base of tree trunk.



**40 YEAR CANOPY CALCULATION:**

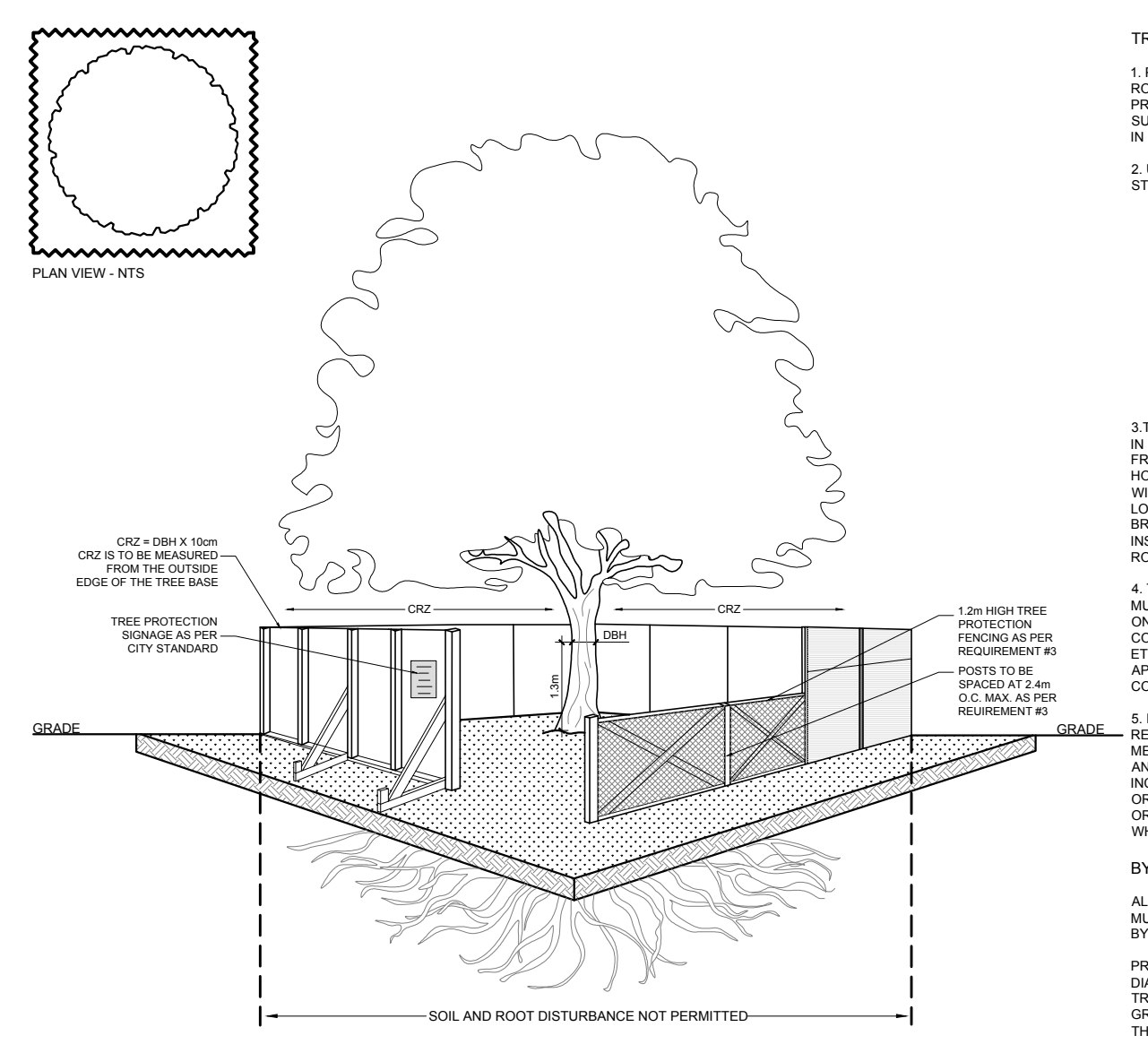
-461 m2 site area

-1 Large deciduous trees proposed (154m2 ea) and 1 small tree proposed (7m2 ea) and 43m2 of existing canopy cover to remain

=204m2 canopy cover =44% canopy cover

\*Large deciduous tree calculated at 14m spread, and small tree at 3m spread

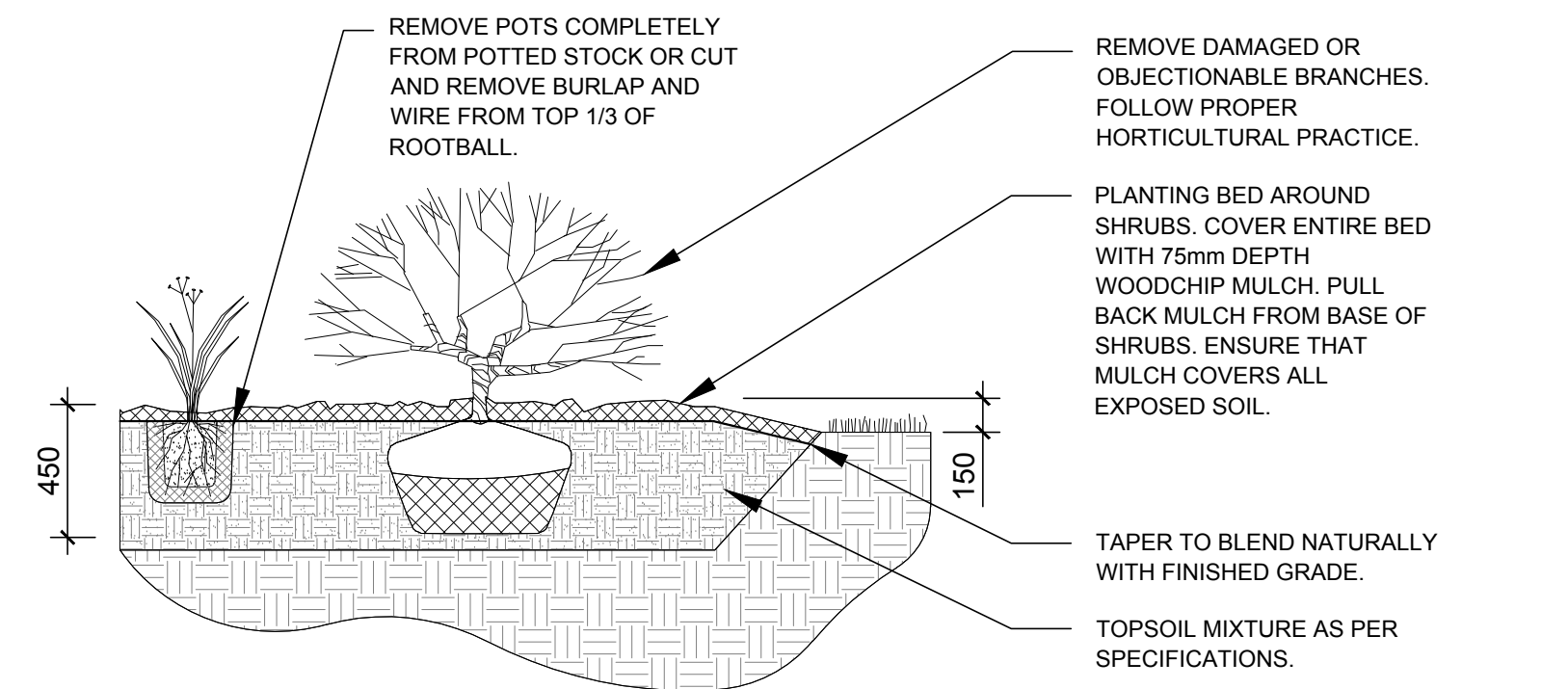
**2 DECIDUOUS TREE PLANTING**  
L.1 SCALE: NTS



**TREE PROTECTION REQUIREMENTS:**

- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10x DIAMETER OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
  - DO NOT PLACE ANY MATERIAL OR EQUIPMENT INCLUDING OUTHOUSES.
  - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE.
  - DO NOT RAISE OR LOWER THE EXISTING GRADE.
  - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE.
  - ENSURE THAT EXISTING FINES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
  - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING.
- UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF FOR WORK WITHIN THE CRZ.
  - DO NOT PLACE ANY MATERIAL OR EQUIPMENT INCLUDING OUTHOUSES.
  - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE.
  - DO NOT RAISE OR LOWER THE EXISTING GRADE.
  - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE.
  - ENSURE THAT EXISTING FINES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
  - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING.
- TREE PROTECTION FENCING MUST BE AT LEAST 1.2m IN HEIGHT, AND BE CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. METAL OR STEEL PIPE/WOOD HOARDING, OR SNOW FENCE ON A 2"x4" WOOD FRAME) WITH POSTS 2.4m APART. SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ AND INSTALLATION MUST MINIMIZE DAMAGE TO EXISTING ROOTS. (SEE DETAILS).
- THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE DISCLOSURE REPORT, ETC). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
- IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PROVIDED BY THE ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

**BY-LAWS:**  
ALL CITY-OWNED TREES ARE PROTECTED UNDER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAW (2008-279), WITHIN THE URBAN AREA.  
PRIVATELY-OWNED TREES GREATER THAN 50cm IN DIAMETER ON LOTS 1 HECTARE IN SIZE OR LESS, AND TREES GREATER THAN 100cm IN DIAMETER ON LOTS GREATER THAN 1 HECTARE, ARE PROTECTED UNDER THE URBAN TREE CONSERVATION BY-LAW (2008-279).



**4 SHRUB PLANTING**  
L.1 SCALE: NTS

**EXISTING TREE LIST**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP
AC	1	<i>Acer saccharum</i>	Sugar Maple	390mm DBH	GOOD	To remain	City of Ottawa
AG	1	<i>Acer ginnala</i>	Amur Maple	360mm DBH	GOOD	To remain	City of Ottawa
AN	2	<i>Acer negundo</i>	Manitoba Maple	100mm DBH	GOOD	To be removed	436 Athlone Avenue
AP	2	<i>Acer platanoides</i>	Norway Maple	120-190mm DBH	GOOD	To be removed	436 Athlone Avenue
PG	1	<i>Picea glauca</i>	White Spruce	230mm DBH	FAIR	To be removed	436 Athlone Avenue

**PROPOSED PLANT LIST**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	Remarks
<b>DECIDUOUS TREES</b>						
JL	1	<i>Syringa reticulata</i>	Japanese Tree Lilac	60mm cal.	B&B	Single Leader
SM	1	<i>Acer saccharum</i>	Sugar Maple	60mm cal.	B&B	
<b>SHRUBS</b>						
AH	1	<i>Hydrangea arborescens 'Annabelle'</i>	Annabelle Hydrangea	3 gallon pot	Potted	Space 1000mm o.c.
BB	4	<i>Euonymus alatus 'Compactus'</i>	Dwarf Burning Bush	600mm ht.	Potted	Space 1000mm o.c.
BH	7	<i>Juniperus horizontalis 'Bar Harbor'</i>	Bar Harbor Juniper	600mm spr.	Potted	Space 800mm o.c.
SF	3	<i>Sorbaria sorbifolia 'Sem'</i>	Sem False Spirea	600mm ht.	Potted	Space 1000mm o.c.

\*NATIVE TO ONTARIO

**3 TREE PROTECTION FENCE**  
L.1 SCALE: NTS

No.	Issue	Date	DR	CK
8	REVISED PER NEW SITE PLAN	05/09/2024	ML	JL
7	REVISED PER NEW SITE PLAN	03/31/2023	ML	JL
6	REVISED PER CITY COMMENTS	09/16/2022	ML	JL
5	REVISED PER NEW SITE PLAN	05/12/2022	ML	JL
4	SURFACING REVISED	05/06/2022	ML	JL
3	REVISED PER NEW CIVIL DRAWING	05/05/2022	ML	JL
2	PERMEABLE PAVERS & PLANTINGS ADDED	05/02/2022	ML	JL
1	ISSUED FOR DISCUSSION AND REVIEW	04/29/2022	ML	JL

**JAMES B. LENNOX & ASSOCIATES INC.**  
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**PROJECT**  
PROPOSED APARTMENT BUILDING  
436 ATHLONE AVENUE, OTTAWA ON

**DRAWING**  
TREE CONSERVATION REPORT &  
LANDSCAPE PLAN

**STAMP**

AS SHOWN

START DATE  
APRIL 2022

PROJECT NO.

**PROJECT NORTH**

DRAWING NO.  
**L.1**

PLOT SIZE ARCH-D