

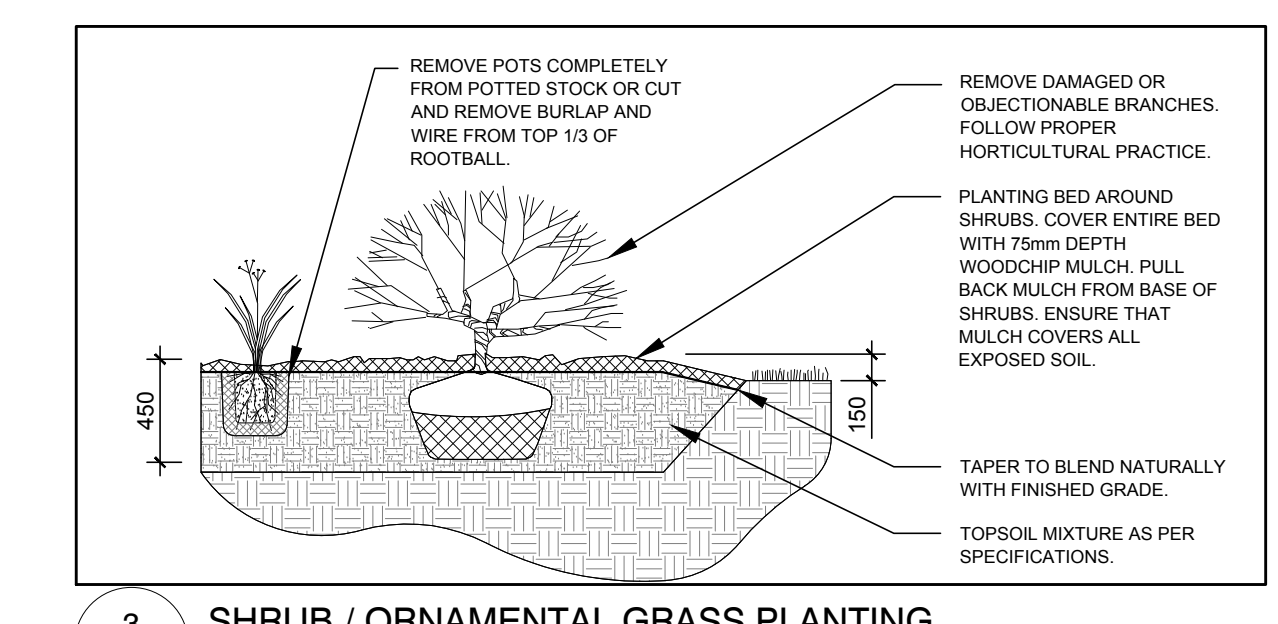
**TREE PROTECTION REQUIREMENTS:**

- PRIOR TO ANY WORK WITHIN THE CRITICAL ROOT ZONE (CRZ) = 1.5x DBH OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
- 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;
  - TUNNELS OR BORE WHEN DIGGING;
  - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OF ANY TREE;
  - ENSURE THAT EXHAUST FUMES 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 ROUGH OR FRAMED MATERIALS (E.G. MIDDLE-LOG - STEEL, PL. WOOD BOARDING OR SNOW FENCE ON A 2" X 4" 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 DETAIL).
- 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 CLOSURE 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 PRESCRIBED BY AN 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:**

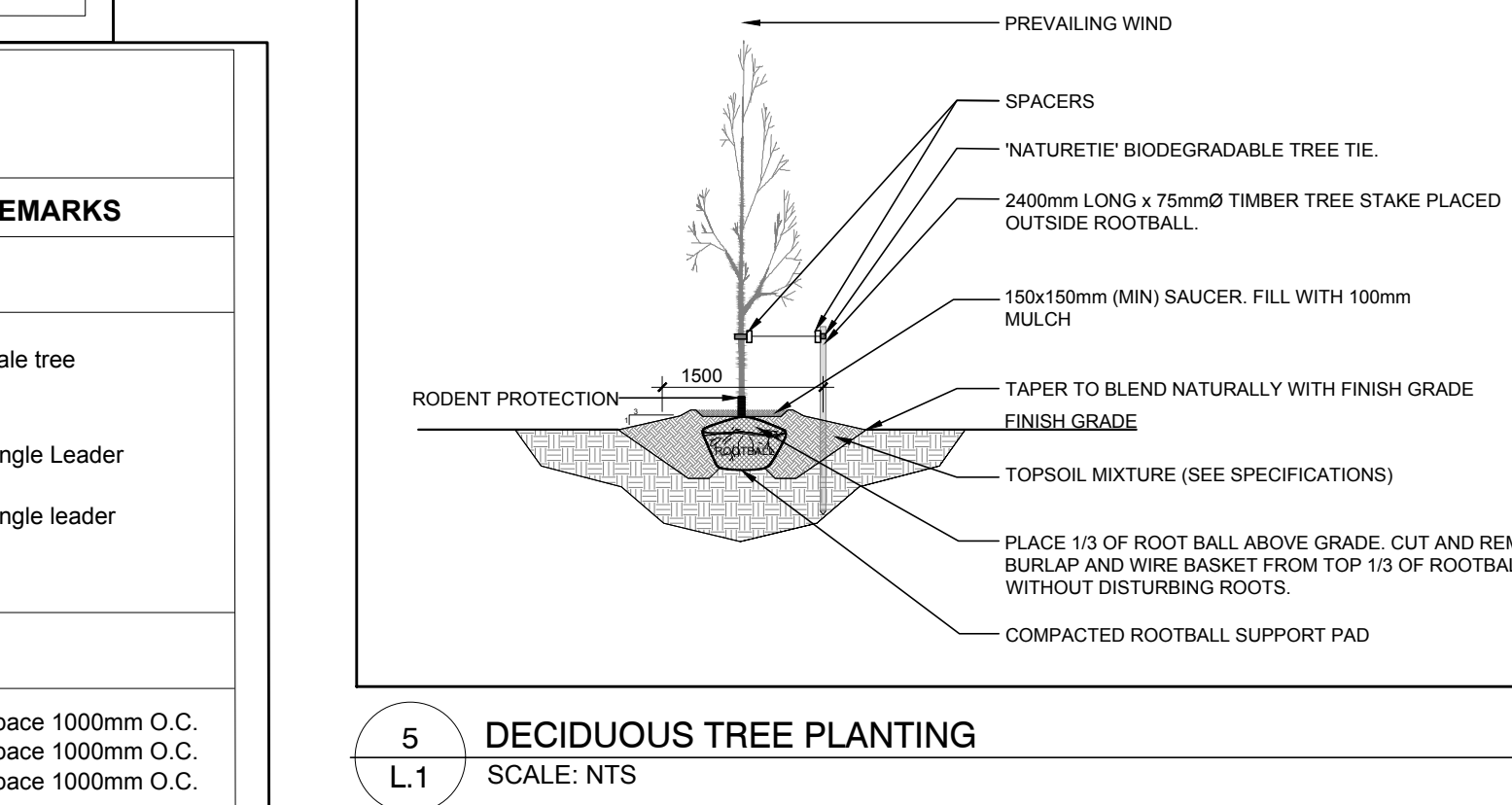
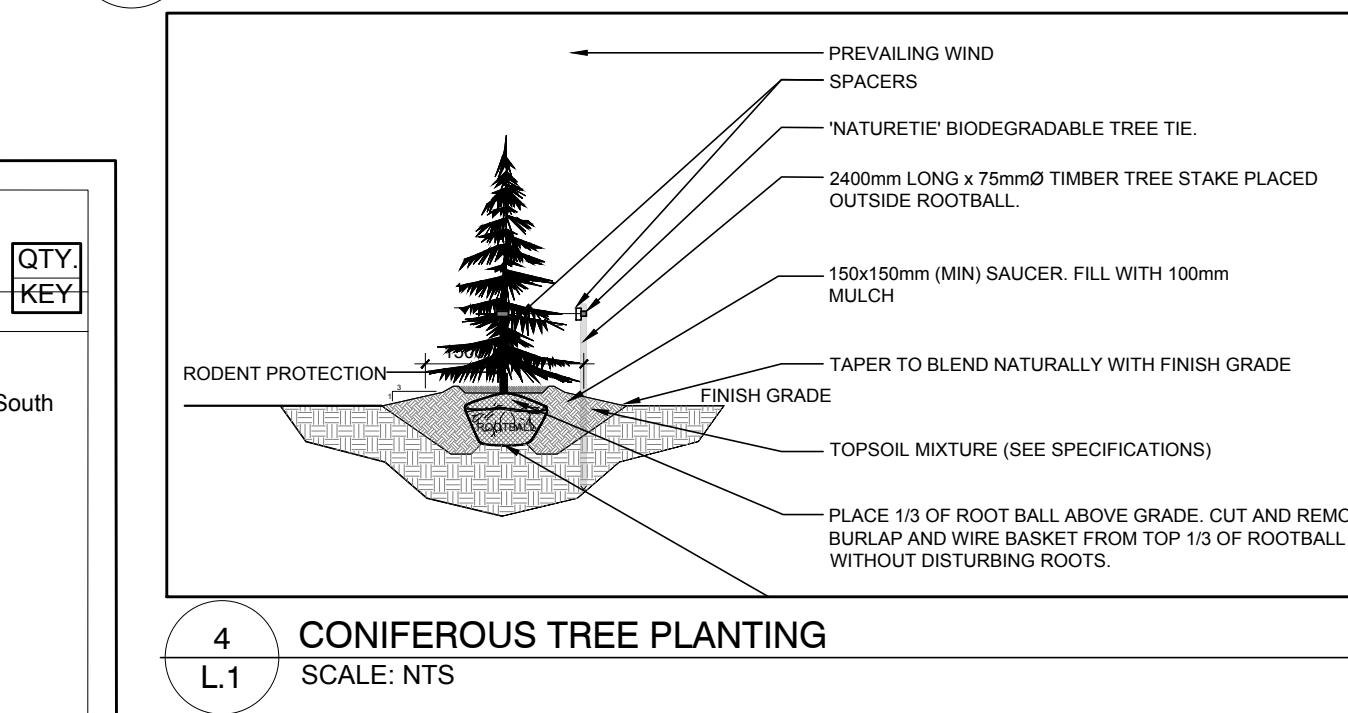
ALL CITY-OWNED TREES ARE PROTECTED UNDER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAW (2009-279), WITHIN THE URBAN AREA.

PRIVATELY OWNED TREES GREATER THAN 50cm IN DIAMETER ON LOTS 1 HECTARE IN SIZE OR LESS, AND TREES GREATER THAN 10cm IN DIAMETER ON LOTS GREATER THAN 1 HECTARE, ARE PROTECTED UNDER THE URBAN TREE CONSERVATION BY-LAW (2009-200).



**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 restate 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 trees are as follows:
  - Building Foundations 7.5m
  - Sidewalks 1.5m
  - Public Streets 2.5m
  - Underground Infrastructure 2.0m
  - Watermain 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.
- The current City of Ottawa standard and specifications have been used for this drawing.



**EXISTING TREE LIST**

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP	QTY. KEY
AN	1	<i>Acer negundo</i>	Manitoba Maple	100-400mm DBH	DEAD-GOOD	To be removed	5546 Albion Road South	
AS	1	<i>Acer saccharum</i>	Sugar Maple	400mm DBH	GOOD	To be removed		
AR	1	<i>Acer rubrum</i>	Red Maple	600mm DBH	GOOD	To be removed		
BP	1	<i>Betula papyrifera</i>	White Birch	100-300mm DBH	GOOD	To be removed		
GT	1	<i>Gleditsia triacanthos</i>	Honey Locust	300mm DBH	GOOD	To remain		
MA	2	<i>Malus spp.</i>	Crabapple	200-250mm DBH	GOOD	To be removed		
PG	1	<i>Picea glauca</i>	White Spruce	1300mm DBH	GOOD	To be removed		
PO	1	<i>Populus spp.</i>	Poplar	100-150mm DBH	GOOD	To be removed		
PS	1	<i>Pinus strobus</i>	White Pine	1200mm DBH	FAIR	To be removed		
RP	1	<i>Robinia pseudoacacia</i>	Black Locust	1300mm DBH	GOOD	To be removed		
TO	1	<i>Thuja occidentalis</i>	White Cedar	700mm DBH	GOOD	To be removed		
UA	2	<i>Ulmus americana</i>	American Elm	400mm DBH	GOOD	To be removed		

**PROPOSED PLANT LIST**

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
<b>TREES</b>						
GB	2	<i>Ginkgo biloba</i>	Maidenhair Tree	60mm ø	B&B	Male tree
HB	3	<i>Celtis occidentalis</i>	Hackberry	60mm ø	B&B	
HL	4	<i>Gleditsia triacanthos</i> 'Draves'	Street Keeper Honey Locust	60mm ø	B&B	
JL	3	<i>Syringia reticulata</i>	Japanese Tree Lilac	60mm ø	B&B	Single Leader
PP	4	<i>Picea pungens</i>	Colorado Spruce	1.8m Ht.	B&B	
SB	3	<i>Amelanchier canadensis</i>	Serviceberry	60mm ø	B&B	Single leader
<b>SHRUBS</b>						
AW	28	<i>Spiraea x bumalda</i> 'Anthony Waterer'	Anthony Waterer Spiraea	600mm ht.	Potted	Space 1000mm O.C.
RR	42	<i>Rosa rugosa</i>	Rugosa Rose	800mm ht.	Potted	Space 1000mm O.C.
SF	42	<i>Sobaria sorbifolia</i> 'Sem'	Sem False Spiraea	600mm ht.	Potted	Space 1000mm O.C.
<b>ORNAMENTAL GRASSES</b>						
KF	51	<i>Calamagrostis</i> 'Karl Foerster'	Karl Foerster Grass	250mm pot	Potted	Space 800mm O.C.

**1 TREE CONSERVATION REPORT & LANDSCAPE PLAN**  
SCALE: 1:400

**ARNON CORPORATION**  
1801 Woodward Drive  
Ottawa, ON K2C 0R3  
613-226-2000 ext. 2230

**MCROBIE**  
ARCHITECTS + INTERIOR DESIGNERS  
Suite 100, 66 Queen Street  
Ottawa ON K1P 5G8  
613-238-2072 ext. 224

**LEGEND**

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- GROUP OF EXISTING TREES TO BE REMOVED
- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED SHRUBS / ORNAMENTAL GRASSES
- PROPOSED SOD
- PROPOSED TREE PROTECTION FENCE

No.	Issue	Date	ML	JL	DR	CK
1	ISSUED FOR SITE PLAN CONTROL	02/07/2023				

**JAMES B. LENNOX & ASSOCIATES INC.**  
LANDSCAPE ARCHITECTS  
3332 CARLING AVE. OTTAWA, ONTARIO K2J1S8  
Tel. (613) 732-5168 Fax. (1866) 343-3942

**PROJECT**  
LIGHT INDUSTRIAL DEVELOPMENT  
1881 MERIVALE ROAD, OTTAWA ON

**DRAWING**  
TREE CONSERVATION REPORT &  
LANDSCAPE PLAN

**STAMP**

AS SHOWN

START DATE  
DECEMBER 2022

PROJECT NO.  
22ARN2276

**PROJECT NORTH**

DRAWING NO.  
**L.1**

PLOT SIZE ARCH-D