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SURVEYORS: **ANNIS, O'SULLIVAN, VOLLEBECK LTD.**  
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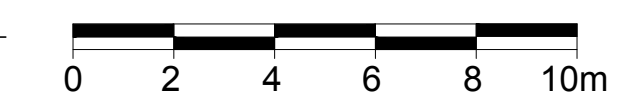
CIVIL ENGINEERS: **TATHAM ENGINEERING**

**LEGEND**

- EXISTING TREE TO REMAIN
- EXTENT OF CRITICAL ROOT ZONE
- EXISTING TREE TO BE REMOVED
- PROPOSED CONCRETE WALKWAY
- 30m<sup>3</sup> SOIL VOLUME
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUBS / ORNAMENTAL GRASSES
- PROPOSED SOD
- PROPOSED RIVERSTONE MULCH
- PROPOSED TREE PROTECTION FENCE
- PROPOSED BENCH

16	REVISED PER NEW SITE PLAN	10/08/2024	ML	JL
15	REVISED PER NEW SITE PLAN	08/22/2024	ML	JL
14	REVISED PER NEW CIVIL DRAWING	05/09/2024	ML	JL
13	REVISED PER NEW SITE PLAN	05/08/2024	ML	JL
12	REVISED PER CITY COMMENTS	11/28/2023	ML	JL
11	REVISED PER NEW SITE PLAN	07/19/2023	ML	JL
10	REVISED PER NEW SITE PLAN	04/27/2023	ML	JL
9	REVISED PER CITY COMMENTS	04/25/2023	ML	JL
8	REVISED PER UDRP COMMENTS	03/07/2023	ML	JL
7	PAVERS CHANGED TO CONCRETE	11/22/2022	ML	JL
6	REVISED PER NEW SITE PLAN	11/16/2022	ML	JL
5	REVISED PER NEW SITE PLAN	10/07/2022	ML	JL
4	ISSUED FOR DISCUSSION AND REVIEW	08/11/2022	ML	JL
3	REVISED PER NEW SITE PLAN	10/14/2021	ML	JL
2	ISSUED FOR DISCUSSION AND REVIEW	09/14/2021	ML	JL
1	ISSUED FOR SITE PLAN CONTROL	03/10/2021	ML	JL

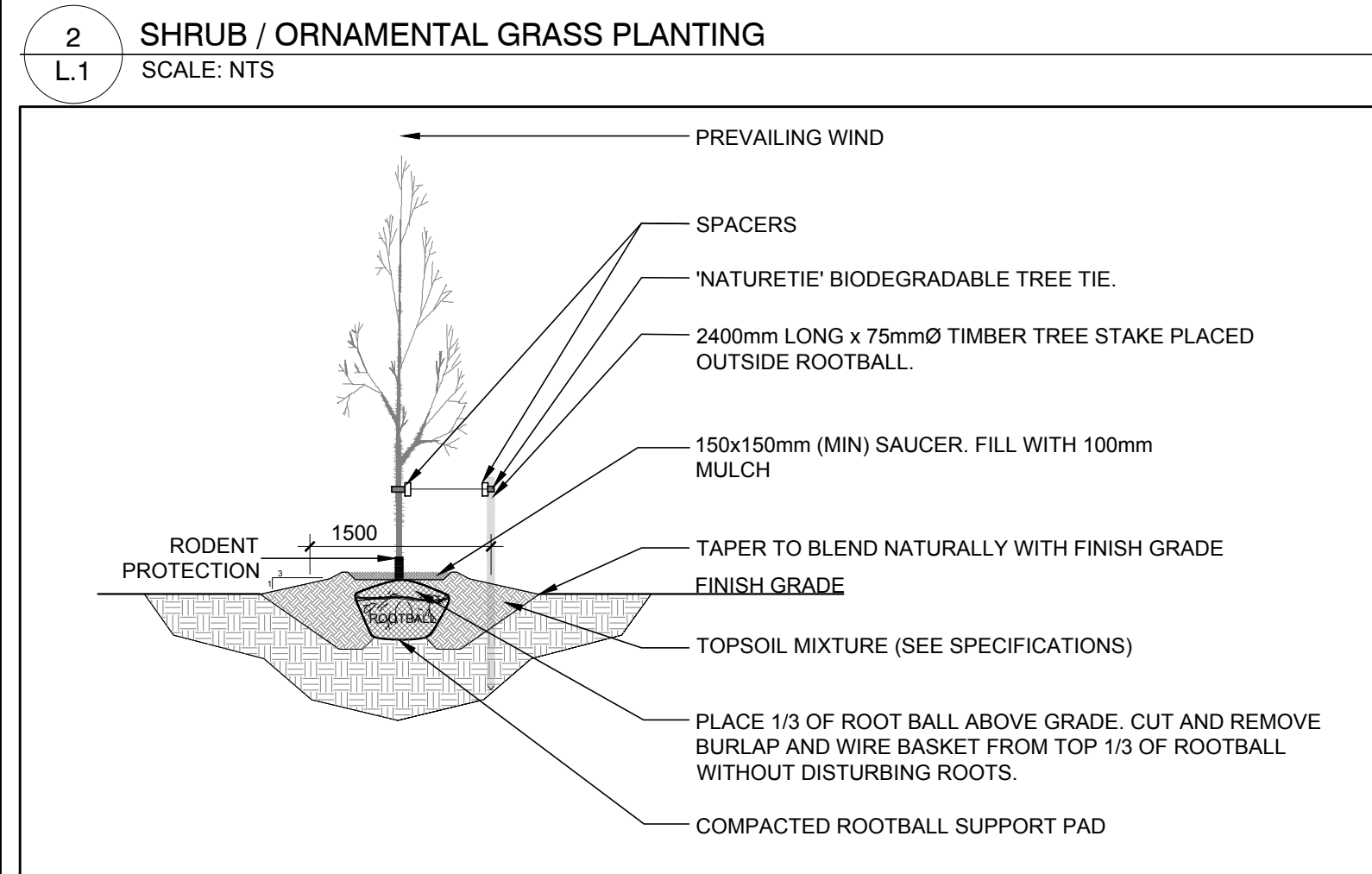
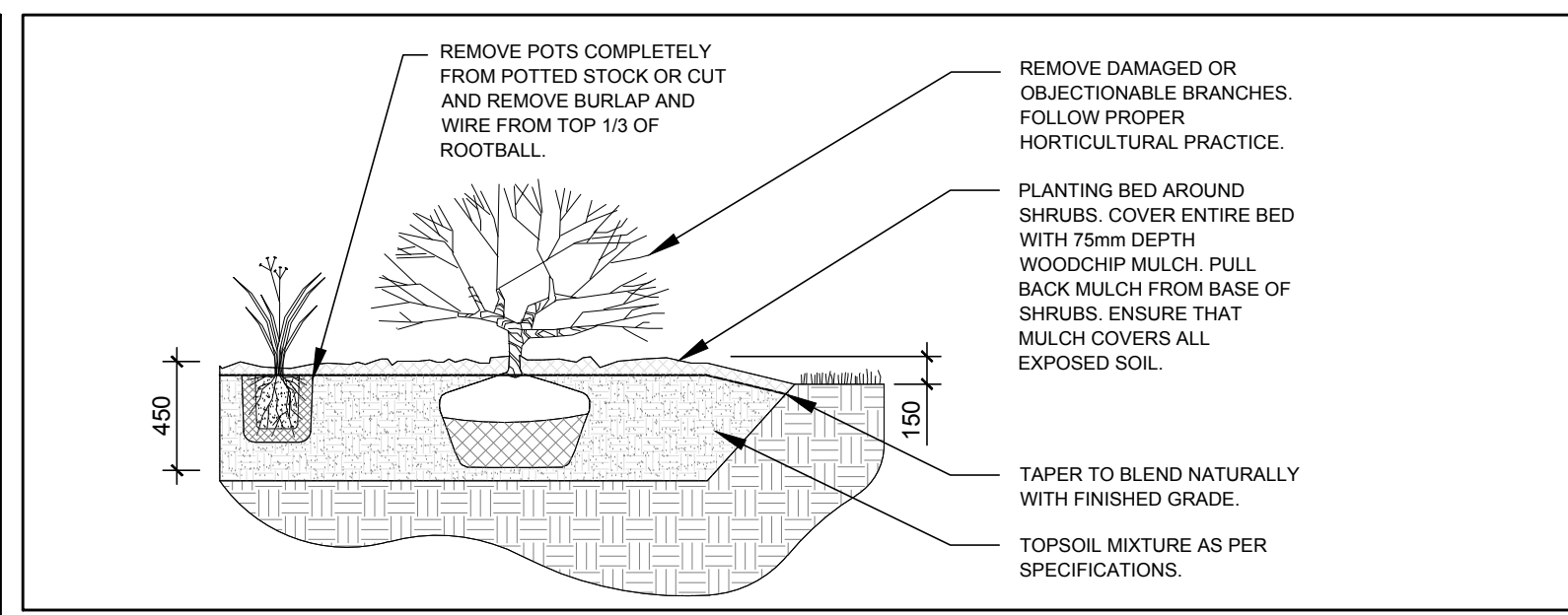
**1 TREE CONSERVATION REPORT & LANDSCAPE PLAN**  
SCALE 1:150



**EXISTING TREE LIST**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP
AN	1	<i>Acer negundo</i>	Manitoba Maple	350mm DBH	GOOD	See plan	5511 Manotick Main Street
AP	1	<i>Pinus nigra</i>	Austrian Pine	350mm DBH	GOOD	To remain	5495 & 5511 Manotick Main Street
AS	7	<i>Acer saccharum</i>	Sugar Maple	200-740mm DBH	GOOD	To remain	5497 Manotick Main Street
AR	1	<i>Acer rubrum</i>	Red Maple	420mm DBH	GOOD	To remain	5497 Manotick Main Street
BC	1	<i>Prunus serotina</i>	Black Cherry	500mm DBH	GOOD	To remain	5495 Manotick Main Street
BL	1	<i>Prunus serotina</i>	Black Cherry	300mm DBH	GOOD	To remain	5511 Manotick Main Street
CK	1	<i>Acer platanoides</i> 'Crimson King'	Crimson King Maple	490mm DBH	FAIR	To be removed	City of Ottawa
FA	2	<i>Fraxinus sp.</i>	Ash	100-350mm DBH	DEAD	See plan	5497 Manotick Main Street
FR	3	<i>Fraxinus americana</i>	White Ash	200-250mm DBH	GOOD	To remain	5511 Manotick Main Street
MA	4	<i>Malus sp.</i>	Crabapple	300mm DBH	GOOD	To be removed	5497 Manotick Main Street
MC	1	<i>Prunus macchii</i>	Manchurian Cherry	200mm DBH	GOOD	To remain	5495 Manotick Main Street
NM	1	<i>Acer platanoides</i>	Norway Maple	350mm DBH	GOOD	To remain	5511 Manotick Main Street
PR	4	<i>Prunus serotina</i>	Black Cherry	390-510mm DBH	DEAD-GOOD	To remain	5497 Manotick Main Street
SA	1	<i>Sorbus aucuparia</i>	Mountain Ash	150mm DBH	DEAD	To remain	5511 Manotick Main Street
SC	3	<i>Pinus sylvestris</i>	Scots Pine	300-360mm DBH	GOOD	To remain	5511 Manotick Main Street
SI	1	<i>Acer saccharum</i>	Silver Maple	710mm DBH	FAIR	To remain	5511 Manotick Main & City of Ottawa
SM	5	<i>Acer saccharum</i>	Sugar Maple	150-400mm DBH	GOOD	See plan	5511 Manotick Main & City of Ottawa
SP	6	<i>Pinus sylvestris</i>	Scots Pine	240-400mm DBH	DEAD-GOOD	To remain	5495 Manotick Main Street
SU	2	<i>Acer saccharum</i>	Sugar Maple	350-480mm DBH	GOOD	To remain	5495 Manotick Main Street
TO	2	<i>Thuja occidentalis</i>	White Cedar	150-200mm DBH	GOOD	To remain	5497 Manotick Main Street
UA	2	<i>Ulmus americana</i>	American Elm	100-200mm DBH	GOOD	To be removed	5497 Manotick Main Street
UL	1	<i>Ulmus americana</i>	American Elm	150mm DBH	GOOD	To remain	5511 Manotick Main & City of Ottawa

- 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 reinstall 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:
    - 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.



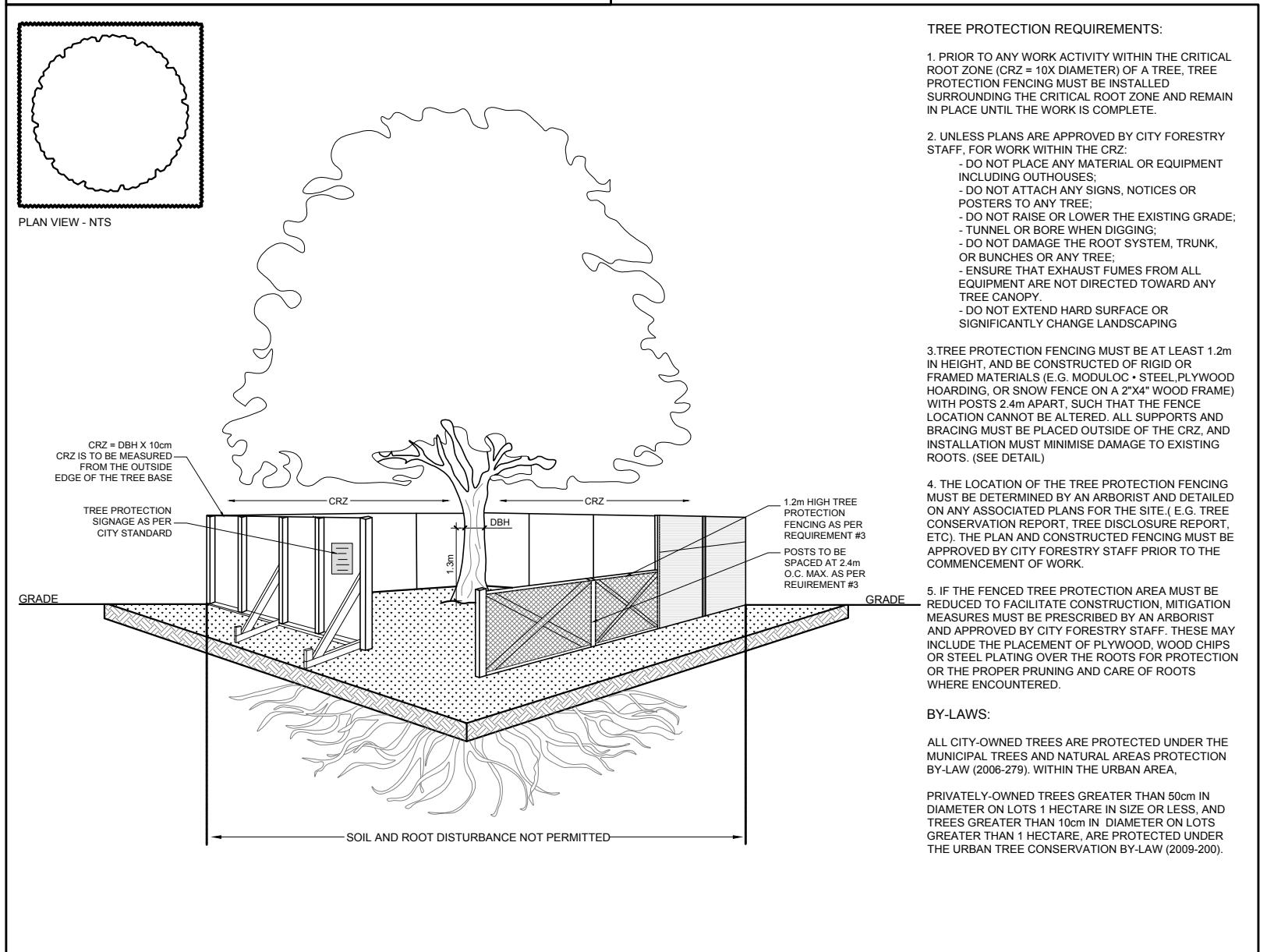
**40 YEAR CANOPY CALCULATION:**

-2,133m<sup>2</sup> site area

-4 Large trees proposed (154m<sup>2</sup> ea.), 3 small trees proposed (7m<sup>2</sup> ea.); 535m<sup>2</sup> existing tree canopy cover

=1172m<sup>2</sup> canopy cover =54.9% canopy cover

\*Large trees calculated at 14m spread, small trees at 3m spread



**PROPOSED PLANT LIST**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	NATIVE
<b>TREES</b>							
BW	1	<i>Tilia americana</i>	Basswood	60mm cal.	B&B		YES
CA	2	<i>Cornus alternifolia</i>	Pagoda Dogwood	30mm cal.	Potted / stringball		YES
FM	1	<i>Acer x freemanii</i>	Freeman's Maple	60mm cal.	B&B		YES
HB	1	<i>Celtis occidentalis</i>	Hackberry	60mm cal.	B&B		YES
SB	1	<i>Amelanchier canadensis</i>	Serviceberry	60mm cal.	B&B		YES
SM	1	<i>Acer saccharum</i>	Sugar Maple	60mm cal.	B&B		YES
<b>SHRUBS</b>							
DW	28	<i>Cornus sericea</i>	Red Osier Dogwood	800mm ht.	Potted	1200 mm o.c.	YES
EB	7	<i>Sambucus canadensis</i>	Elderberry	800mm ht.	Potted	1200 mm o.c.	YES

**JAMES B. LENNOX & ASSOCIATES INC.**  
LANDSCAPE ARCHITECTS  
3332 CARLING AVE. OTTAWA, ONTARIO K2H 5A8  
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PROJECT: PROPOSED RESIDENTIAL BUILDING  
5497 MANOTICK MAIN STREET, MANOTICK ON

DRAWING: TREE CONSERVATION REPORT & LANDSCAPE PLAN

STAMP: ASSOCIATION OF LANDSCAPE ARCHITECTS OF ONTARIO

SCALE: AS SHOWN

START DATE: NOVEMBER 2020

PROJECT NO.: 21MIS2107

PROJECT NORTH

DRAWING NO.: L.1

PLOT SIZE ARCH-D