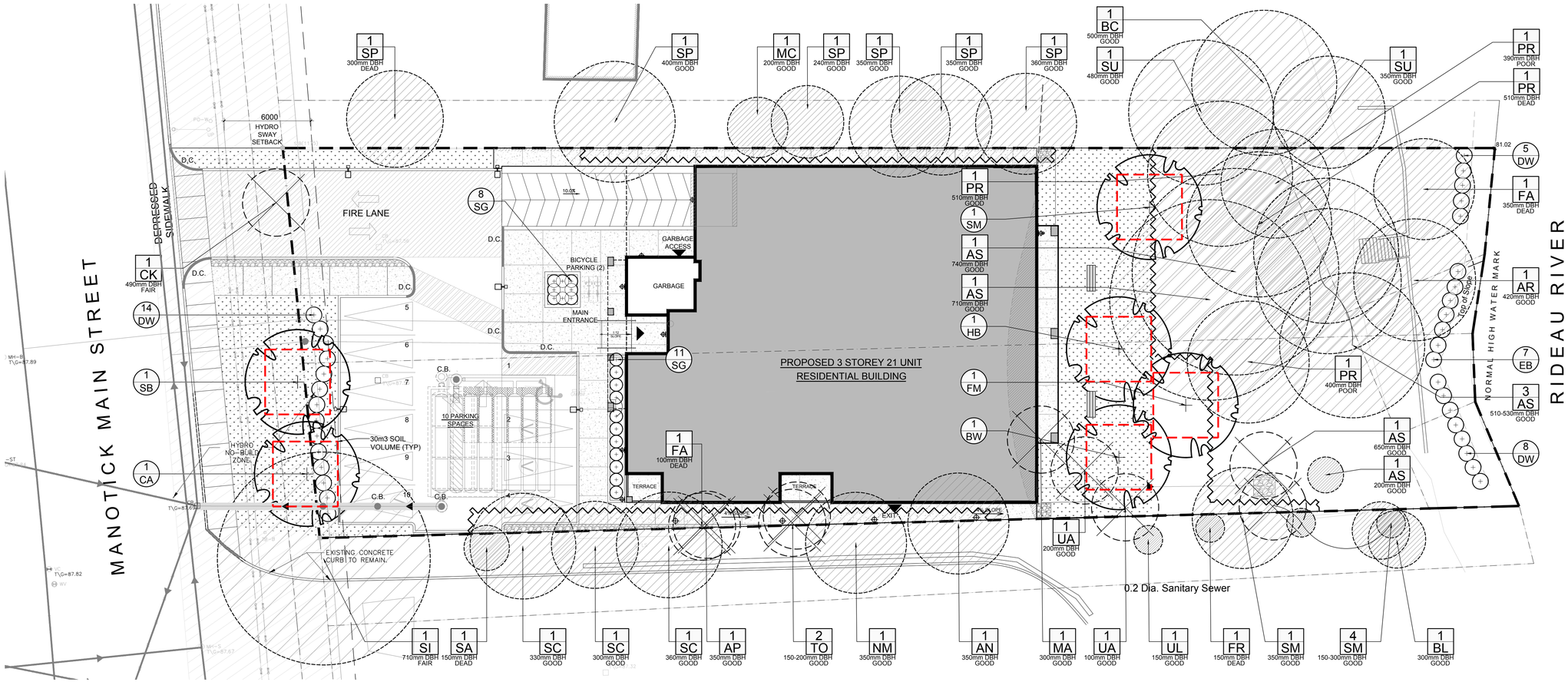


1 L.1 TREE CONSERVATION REPORT & LANDSCAPE PLAN
SCALE 1:150

EXISTING TREE LIST

QTY / KEY

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

PROPOSED PLANT LIST

QTY / KEY

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	NATIVE
TREES							
BW	1	Tilia americana	Basswood	60mm cal.	B&B		YES
CA	1	Cornus alternifolia	Pagoda Dogwood	30mm cal.	Potted / stringball		YES
FM	1	Acer x freemanii	Freeman's Maple	60mm cal.	B&B		YES
HB	1	Celtis occidentalis	Hackberry	60mm cal.	B&B		YES
SB	1	Amelanchier canadensis	Serviceberry	60mm cal.	B&B		YES
SM	1	Acer saccharum	Sugar Maple	60mm cal.	B&B		YES
SHRUBS							
DW	27	Cornus sericea	Red Osier Dogwood	800mm ht.	Potted	1200 mm o.c.	YES
EB	7	Sambucus canadensis	Elderberry	800mm ht.	Potted	1200 mm o.c.	YES
ORNAMENTAL GRASSES							
SG	19	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	250mm pot	Potted	800 mm o.c.	YES to S. Ont

GENERAL NOTES:

1. 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.

2. The contractor is to notify all utility companies and authorities prior to any excavation and ascertain locations of underground services.

3. The contractor is to reinstate all areas and items damaged as a result of construction activity.

4. The contractor is to comply with all pertinent codes and by-laws.

5. The contractor is to maintain a positive surface run-off throughout the entire construction period.

6. The Landscape Architect is not responsible for subsurface conditions.

7. The contractor is to identify all existing trees to remain on site with the Landscape Architect prior to construction.

8. The contractor is to stake the proposed location of all plant material in conjunction with the Landscape Architect prior to excavation.

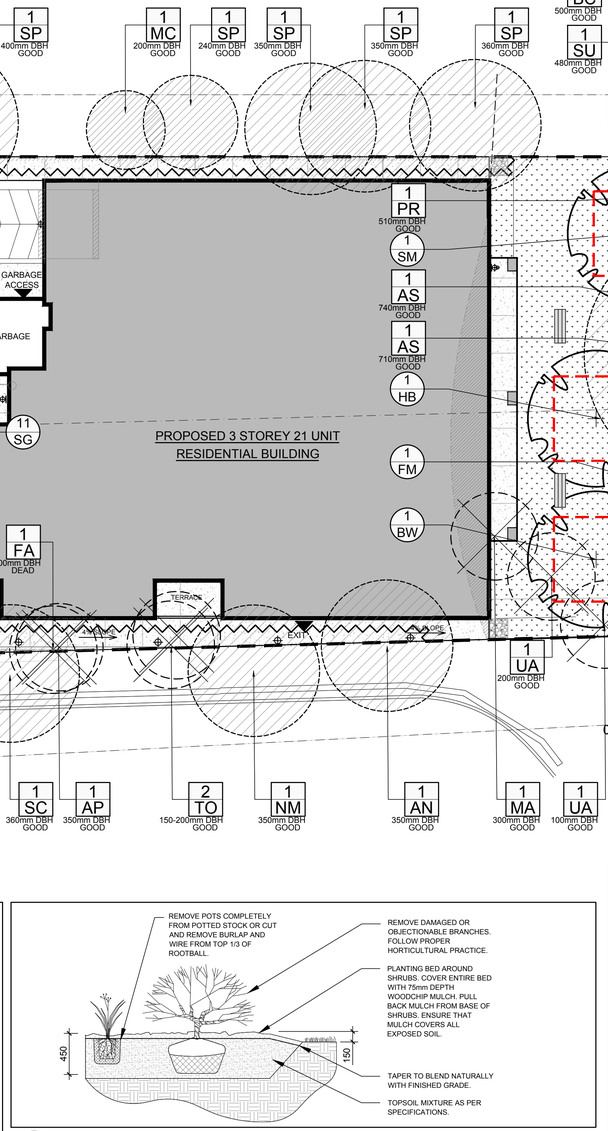
9. Minimum distances for selected deciduous trees are as follows:
- Sidewalks 1.5m
- Public Streets 2.5m
- Underground Infrastructure 2.0m

10. All trees within 1m of underground utility trenches are to be excavated by hand.

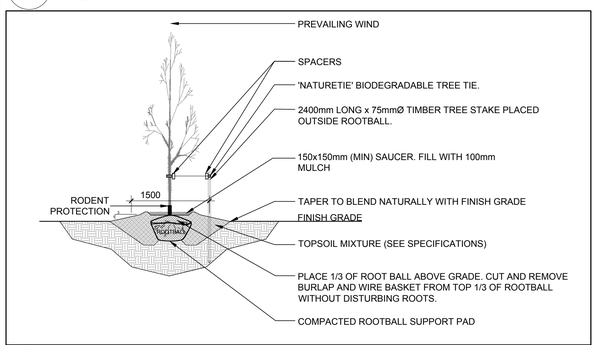
11. Remove all protective wrapping from tree trunks after installation.

12. Staking of trees shall only be performed if necessary.

13. Ensure that mulch is pulled back a min. distance of 75mm from base of tree trunk.



2 L.1 SHRUB / ORNAMENTAL GRASS PLANTING
SCALE: NTS



3 L.1 DECIDUOUS TREE PLANTING
SCALE: NTS

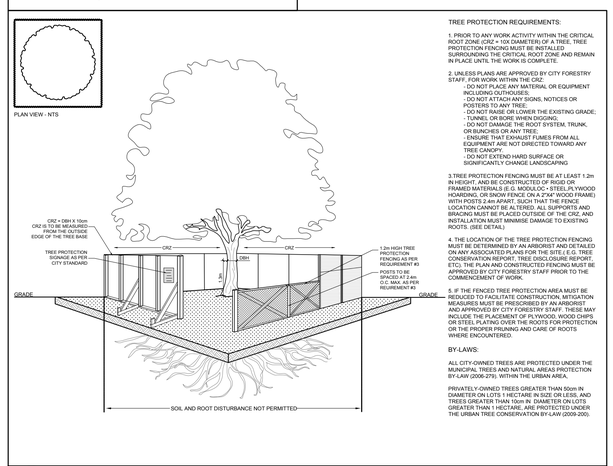
40 YEAR CANOPY CALCULATION:

-2,133m2 site area

-4 Large trees proposed (154m2 ea.), 2 small trees proposed (7m2 ea.); 535m2 existing tree canopy cover

=1165m2 canopy cover =54.6% canopy cover

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



TREE PROTECTION REQUIREMENTS:

1. 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.

2. 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 PHOTOGRAPHS TO TREES;
- DO NOT RAISE OR LOWER THE EXISTING GRADE;
- TUNNEL OR BORE WHEN DIGGING;
- DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BUNCHES OR 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

3.TREE PROTECTION FENCING MUST BE AT LEAST 1.2m IN HEIGHT, AND BE CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC • STEEL,PLYWOOD 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 MINIMISE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)

4. 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.

5. 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 (2006-276). 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).

4 L.1 TREE PROTECTION FENCE
SCALE: NTS

CLIENT:
12213559 Canada Inc
996-B St Augustin Rd, Emburn ON K0A 1W0
613-443-3575

CONSULTANTS
ARCHITECTS:
P2 concepts
739 RIDEAUWOOD AVE., UNIT 201
OTTAWA, ONTARIO, K1V 6M8

SURVEYORS:
ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
14 Concourse Gate, Suite 500
Nepean, Ont. K2E 7S6
Phone: (613) 727-0850 / Fax: (613) 727-1079
Email: Nepean@aovltd.com
Ontario Land Surveyors

CIVIL ENGINEERS:
TATHAM ENGINEERING

LEGEND
- EXISTING TREE TO REMAIN
- EXTENT OF CRITICAL ROOT ZONE
- EXISTING TREE TO BE REMOVED
- PROPOSED CONCRETE WALKWAY
- 30m3 SOIL VOLUME
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUBS / ORNAMENTAL GRASSES
- PROPOSED SOD
- PROPOSED RIVERSTONE MULCH
- PROPOSED TREE PROTECTION FENCE
- PROPOSED BENCH

No.	Issue	Date MM/DD/YY	DR	CK
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

JAMES B. LENNOX & ASSOCIATES INC.
LANDSCAPE ARCHITECTS
3332 CARLING AVE. OTTAWA, ONTARIO K2H 5A8
Tel. (613) 722-5168 Fax. 1(866) 343-3942

PROJECT
PROPOSED RESIDENTIAL BUILDING
5497 MANOTICK MAIN STREET, MANOTICK ON

DRAWING
TREE CONSERVATION REPORT & LANDSCAPE PLAN

STAMP
ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS
JAMES B. LENNOX
MEMBER

SCALE
AS SHOWN

START DATE
NOVEMBER 2020

PROJECT NO.
21MIS2107

PROJECT NORTH

DRAWING NO.
L.1

PLOT SIZE ARCH-D

D07-12-21-0024