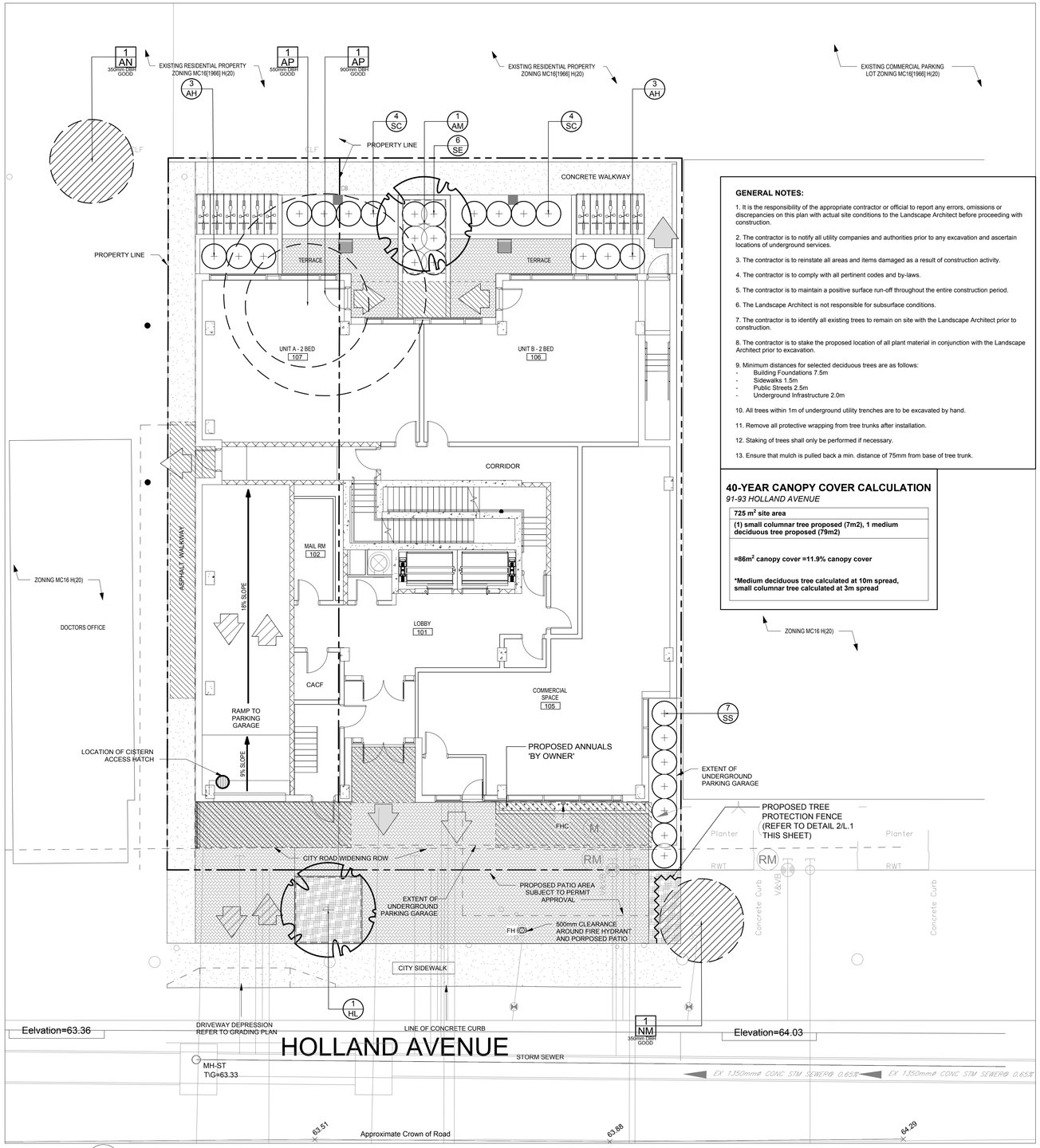


1 L.1 TREE CONSERVATION REPORT & LANDSCAPE PLAN
SCALE 1:100

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:
- Building Foundations 7.5m
- 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.

40-YEAR CANOPY COVER CALCULATION

91-93 HOLLAND AVENUE

725 m² site area
(1) small columnar tree proposed (7m2), 1 medium deciduous tree proposed (79m2)
=86m² canopy cover =11.9% canopy cover
***Medium deciduous tree calculated at 10m spread, small columnar tree calculated at 3m spread**

EXISTING TREE LIST

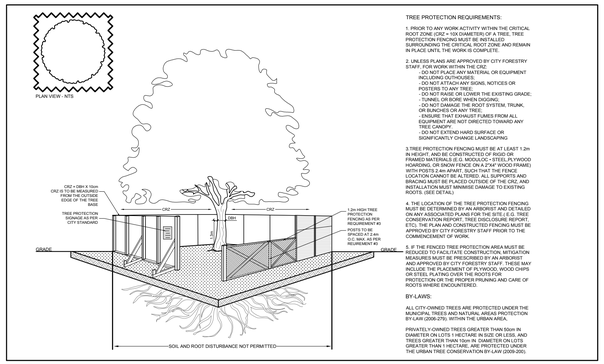
QTY. KEY SIZE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP
TREES							
AN	1	Acer negundo	Manitoba Maple	350mm DBH	Good	To remain	89 Holland Ave
AP	2	Acer platanoides	Norway Maple	550-900mm DBH	Good	To be removed	91 Holland Ave
AP	1	Acer platanoides	Norway Maple	350mm DBH	Good	To remain	City of Ottawa

PROPOSED PLANT LIST

QTY. KEY

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
TREES						
AM	1	Acer x freemanii 'Armstrong'	Armstrong Maple	50mm cal.	B&B	
HL	1	Gleditsia triacanthos 'Draves'	Streetkeeper Honey Locust	50mm cal.	B&B	
SHRUBS						
AH	6	Hydrangea arborescens' Annabelle'	Annabelle Hydrangea	1 gallon pot	Potted	Space 1000mm o.c.
SC	8	Symphoricarpos x chenaultii "Hancock"	Hancock Coralberry	600 mm ht.	Potted	Space 1000 mm o.c.
SE	6	Sorbaria sorbifolia 'Sem'	Sem False Spirea	600mm ht.	Potted	Space 1000mm o.c.
SS	7	Sorbaria sorbifolia	Ural False Spirea	800mm ht.	Potted	Space 1200mm o.c.



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, WITHIN THE TREE PROTECTION ZONE:
- DO NOT PLACE ANY MATERIAL OR EQUIPMENT INCLUDING OUTHOUSES;
- DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
- DO NOT WRITE ON OR DAMAGE 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 MACHINERY 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, ORANGE SNOW FENCE ON 2x4 WOOD FRAMES OR SIMILAR) 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 DISCLOSURE REPORT, TREE CONSERVATION REPORT, ETC). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.

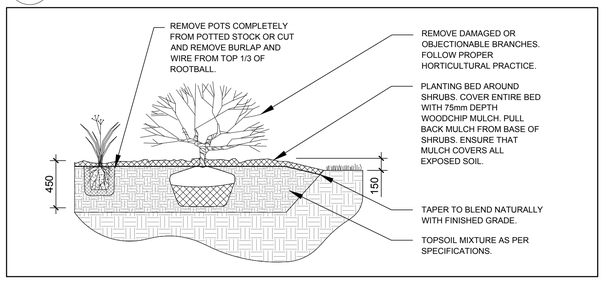
5. IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF ADDITIONAL WOOD CHIPS OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

BY-LAWS:

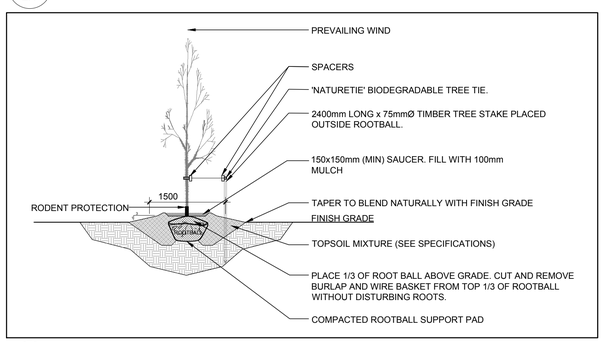
ALL CITY-OWNED TREES ARE PROTECTED UNDER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAW (2006-279) WITHIN THE URBAN AREA.

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).

2 L.1 TREE PROTECTION FENCE
SCALE: NTS



3 L.1 SHRUB PLANTING
SCALE: NTS



4 L.1 DECIDUOUS TREE PLANTING
SCALE: NTS

CLIENT:
DEREK NICHOLSON

CONSULTANTS

ARCHITECTS:
chmielarchitects
200 - 109 Bank Street
Ottawa ON K1P 5N5
t (613) 234-3585
f (613) 234-6224

CIVIL ENGINEERS:
Ainley GROUP CONSULTING ENGINEERS PLANNERS

LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- PROPOSED SHRUBS
- REQUIRED SOIL VOLUME AT A 1.5m DEPTH
- PROPOSED DECIDUOUS TREE
- PROPOSED ANNUALS 'BY OWNER'
- PROPOSED BARK MULCH
- PROPOSED PRECAST CONCRETE PAVERS
- PROPOSED TREE PROTECTION FENCE

No.	Issue	Date MM/DD/YY	DR	CK
9	REVISED PER CITY COMMENTS	01/07/2026	WF	JL
8	REVISED PER CITY COMMENTS	10/29/2025	ML	JL
7	ISSUED FOR UDRP SUBMISSION	10/22/2025	ML	JL
6	REVISED PER NEW SITE PLAN	03/28/2025	ML	JL
5	REVISED PER CITY COMMENTS	06/23/2022	ML	JL
4	REVISED PER NEW SITE PLAN	03/11/2022	ML	JL
3	REVISED PER NEW SITE PLAN	02/28/2022	ML	JL
2	ISSUED FOR DISCUSSION AND REVIEW	10/26/2021	ML	JL
1	ISSUED FOR DISCUSSION AND REVIEW	10/06/2021	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

NINE STOREY RESIDENTIAL ON HOLLAND

91-93 HOLLAND AVENUE, OTTAWA ON

DRAWING

TREE CONSERVATATION REPORT &

LANDSCAPE PLAN

STAMP

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS
JAMES B. LENNOX
MEMBER

SCALE
AS SHOWN

START DATE
MARCH 2020

PROJECT NO.
21CHM2138

PROJECT NORTH

DRAWING NO.
L.1

PLOT SIZE ARCH-D