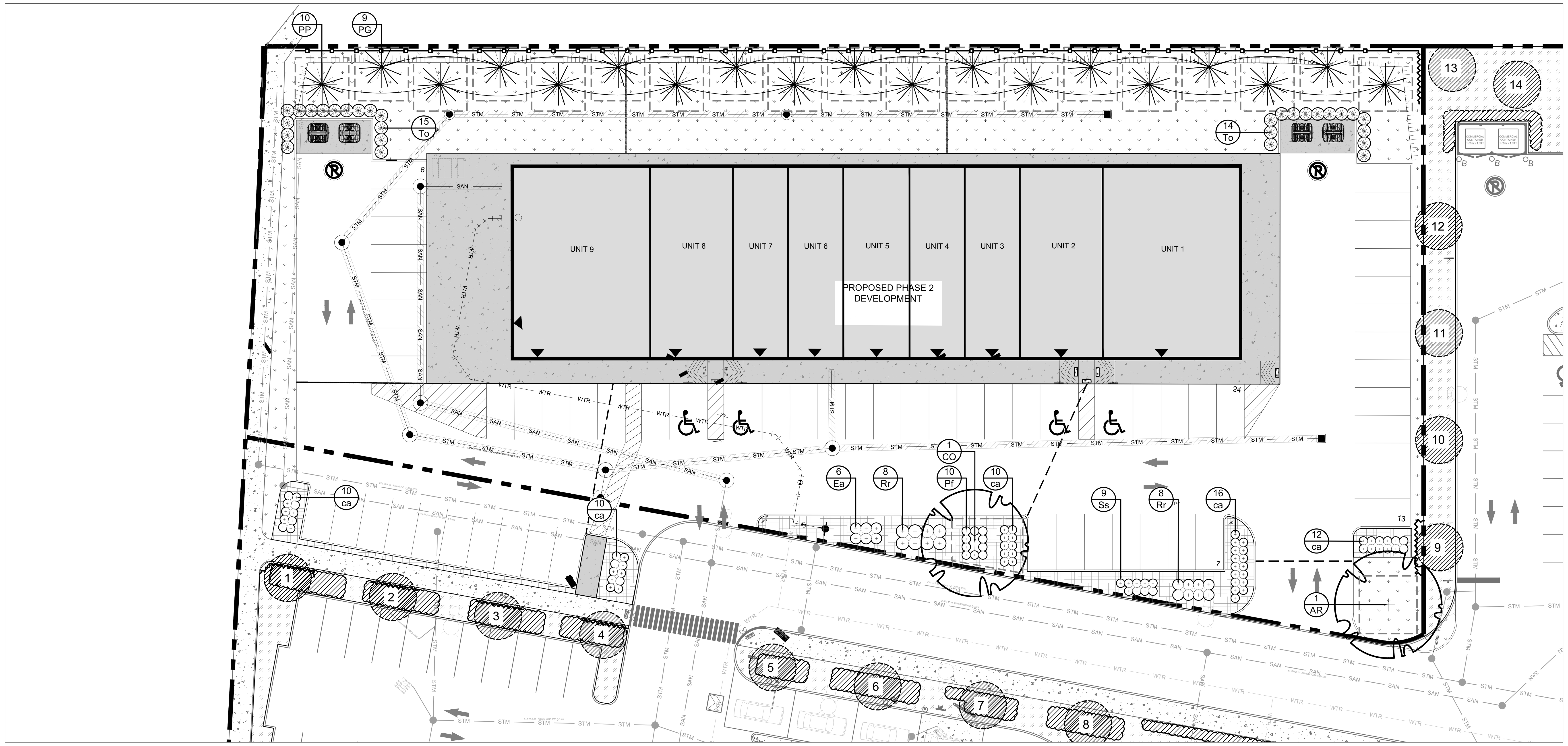
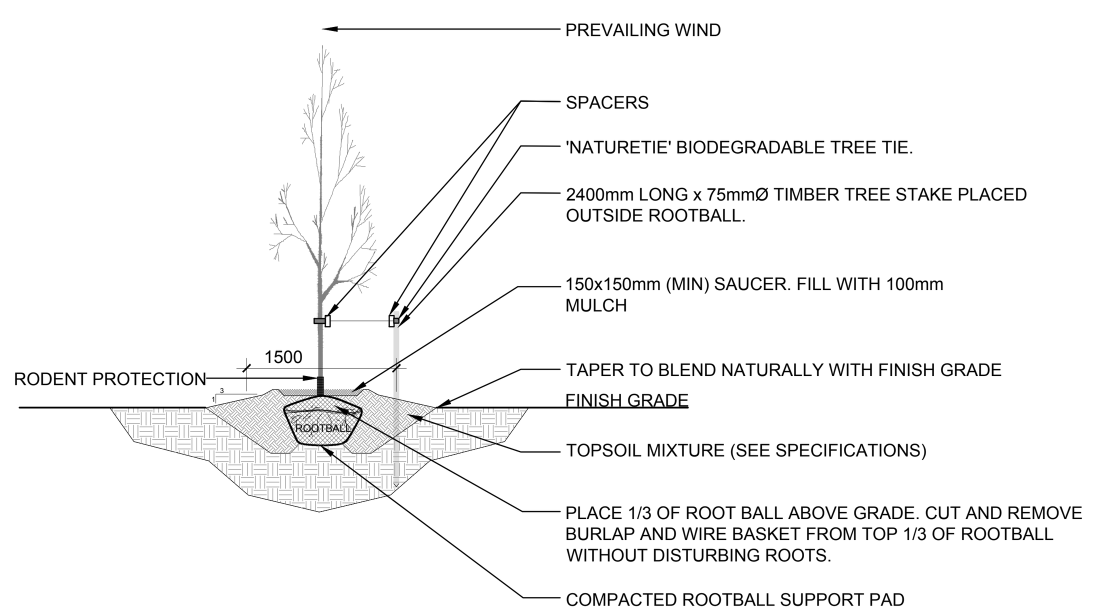
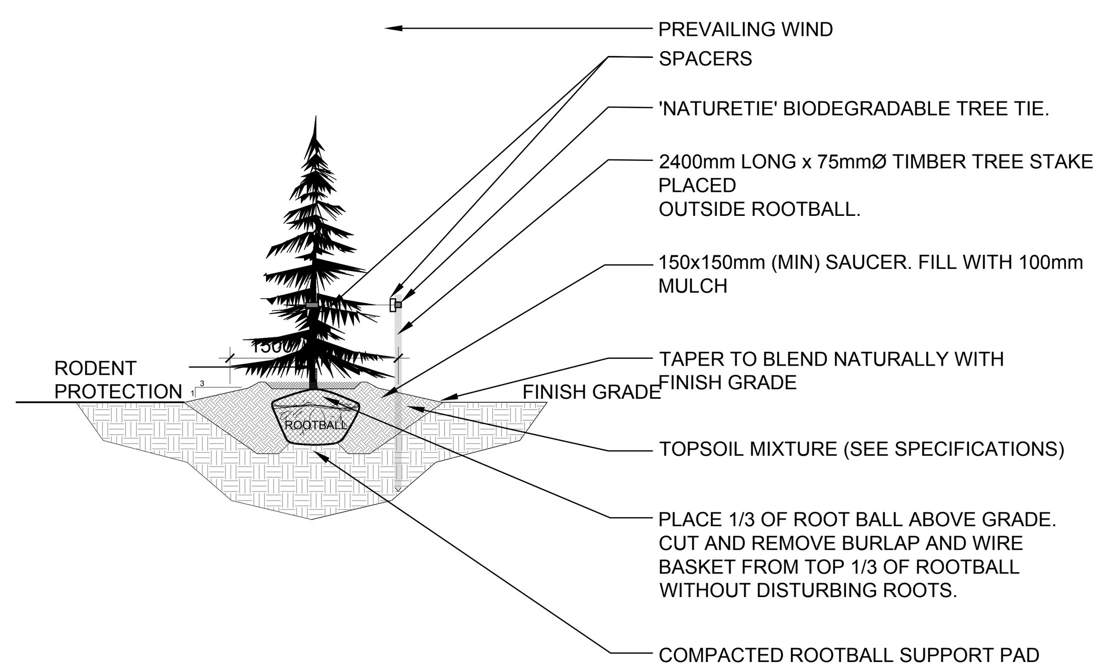


1 / L.1 TREE CONSERVATION REPORT & LANDSCAPE PLAN
SCALE 1:250

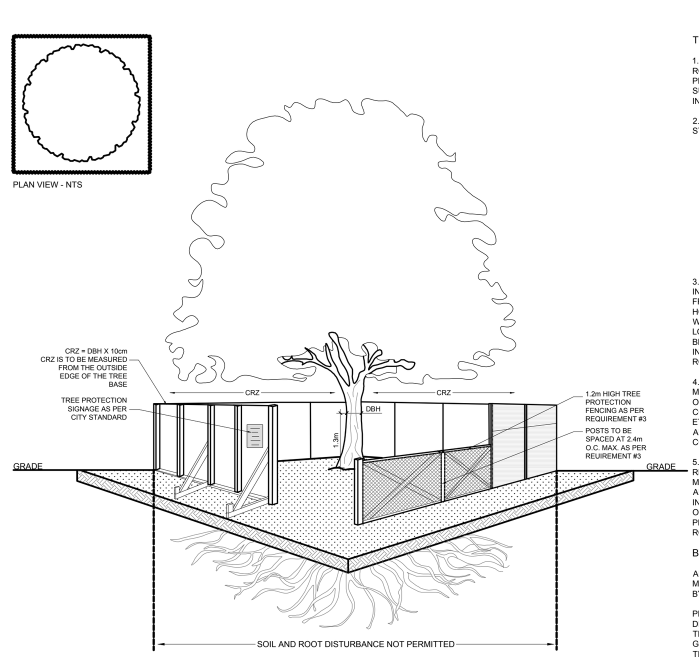
0 2 4 6 8 10m



2 / L.1 DECIDUOUS TREE PLANTING
SCALE: NTS



3 / L.1 CONIFEROUS TREE PLANTING
SCALE: NTS



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 POSTERS TO ANY TREE;
- 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.

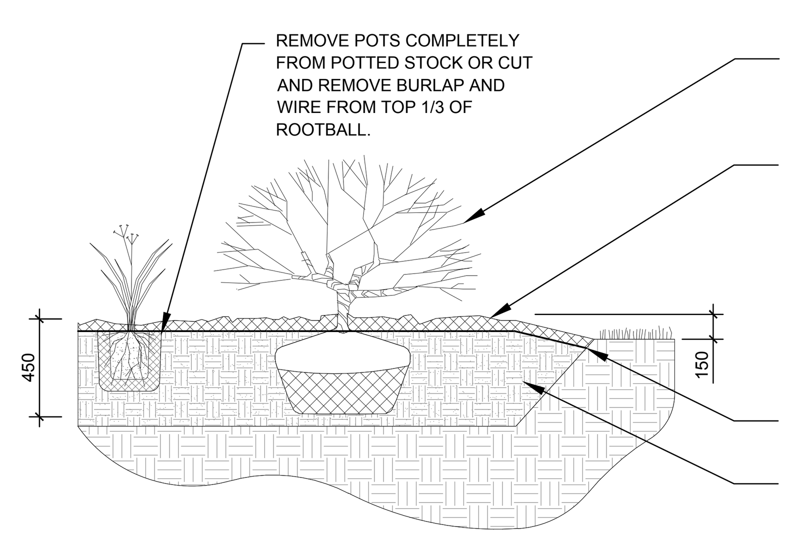
5. IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND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

BY-LAWS:

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

4 / L.1 TREE PROTECTION FENCE
SCALE: NTS



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

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:
   - 9.1. BUILDING FOUNDATIONS - 7.5M
   - 9.2. SIDEWALKS - 1.5M
   - 9.3. PUBLIC STREETS - 2.5M
   - 9.4. 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 MINIMUM DISTANCE OF 75MM FROM BASE OF TREE TRUNK.

40 YEAR CANOPY CALCULATION:

- 5473m² Site Limit of Work

- (2) Large Deciduous Trees Proposed (154m²ea.)
- (19) Large Coniferous Trees Proposed (79m²ea.)

= 1809m² canopy cover = 33% canopy cover

***Large deciduous tree calculated at 14m spread, Large coniferous trees calculated at 10m spread.**

EXISTING TREE LIST

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP
1	1	*Acer rubrum*	Red Maple	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
2	1	*Tilia cordata*	Littleleaf Linden	70mm dbh	FAIR	TO REMAIN	6111 Hazeldean Rd
3	1	*Acer x freemanii*	Freeman's Maple	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
4	1	*Celtis occidentalis*	Common Hackberry	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
5	1	*Acer rubrum*	Red Maple	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
6	1	*Tilia cordata*	Littleleaf Linden	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
7	1	*Acer x freemanii*	Freeman's Maple	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
8	1	*Celtis occidentalis*	Common Hackberry	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
9	1	*Acer rubrum*	Red Maple	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
10	1	*Ginkgo biloba*	Ginkgo Tree	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
11	1	*Acer x freemanii*	Freeman's Maple	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
12	1	*Celtis occidentalis*	Common Hackberry	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
13	1	*Picea glauca*	*White Spruce*	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd
14	1	*Picea pungens*	*Colorado Spruce*	70mm dbh	GOOD	TO REMAIN	6111 Hazeldean Rd

PROPOSED PLANT LIST (QTY. / KEY)

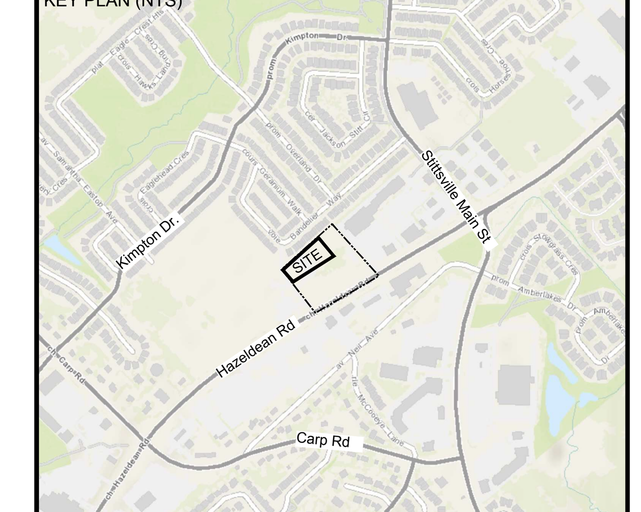
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
TREES						
*AR	1	*Acer rubrum*	Red Maple	50mm ø	B&B	
*CO	1	*Celtis occidentalis*	Common Hackberry	50mm ø	B&B	
*PG	9	*Picea glauca*	White Spruce	2000mm ht.	B&B	
PP	10	*Picea pungens*	Colorado Spruce	2000mm ht.	B&B	
SHRUBS						
Ea	6	*Euonymus alatus 'Compacta'*	Dwarf Burning Bush	600mm ht.	Potted	Space 1000mm o.c.
Pf	10	*Potentilla fruticosa 'Goldfinger'*	Goldfinger Potentilla	600mm ht.	Potted	Space 800mm o.c.
Rr	16	*Rosa rugosa*	Rugosa Rose	800mm ht.	Potted	Space 1200mm o.c.
Ss	9	*Sorbaria sorbifolia 'Sem'*	Sem False Spirea	800mm ht.	Potted	Space 800mm o.c.
*To	29	*Thuja occidentalis 'Clumps'*	White Cedar Clumps	1800mm ht.	Bare Root	3 Trunks or more
ORNAMENTAL GRASSES						
ca	58	*Calamagrotis x acutiflora ' Karl Forester'*	Feather Reed Grass	250mm pot	Potted	Space 800mm o.c.

*DENOTES THAT SPECIES IS NATIVE TO ONTARIO. ALL PLANT MATERIAL IS PROPOSED ON PRIVATE PROPERTY

CLIENT
MacEwen Petroleum

CONSULTANTS
CIVIL & GEOTECHNICAL ENGINEERS:
LRL ENGINEERING | INGÉNIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

KEY PLAN (NTS)



LEGEND

- EXISTING TREE TO REMAIN
- REQUIRED SOIL VOLUME AT 1.5m DEPTH / PROPOSED DECIDUOUS TREE
- REQUIRED SOIL VOLUME AT 1.5m DEPTH / PROPOSED CONIFEROUS TREE
- EXISTING VEGETATION TO REMAIN
- PROPOSED SHRUBS / ORNAMENTAL GRASSES
- EXISTING LANDSCAPE AREA
- PROPOSED SOD
- PROPOSED MULCH
- EXISTING CONCRETE
- PROPOSED CONCRETE
- PROPERTY BOUNDARY
- TREE PROTECTION FENCE
- EXISTING WOOD BOARD FENCE TO REMAIN

No.	Issue	Date DD/MM/YY	DR	CK
5				
4				
3				
2				
1	ISSUED FOR SITE PLAN CONTROL	08/09/2025	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 DEVELOPMENT - PHASE 2
6111 Hazeldean Rd, Ottawa, ON

DRAWING
TREE CONSERVATION REPORT & LANDSCAPE PLAN

STAMP
ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — JAMES B. LENNOX — MEMBER

SCALE
AS SHOWN

START DATE
SEPTEMBER 2025

PROJECT NO.
25MIS25XX

PROJECT NORTH

DRAWING NO.
L.1

PLOT SIZE ARCH-D