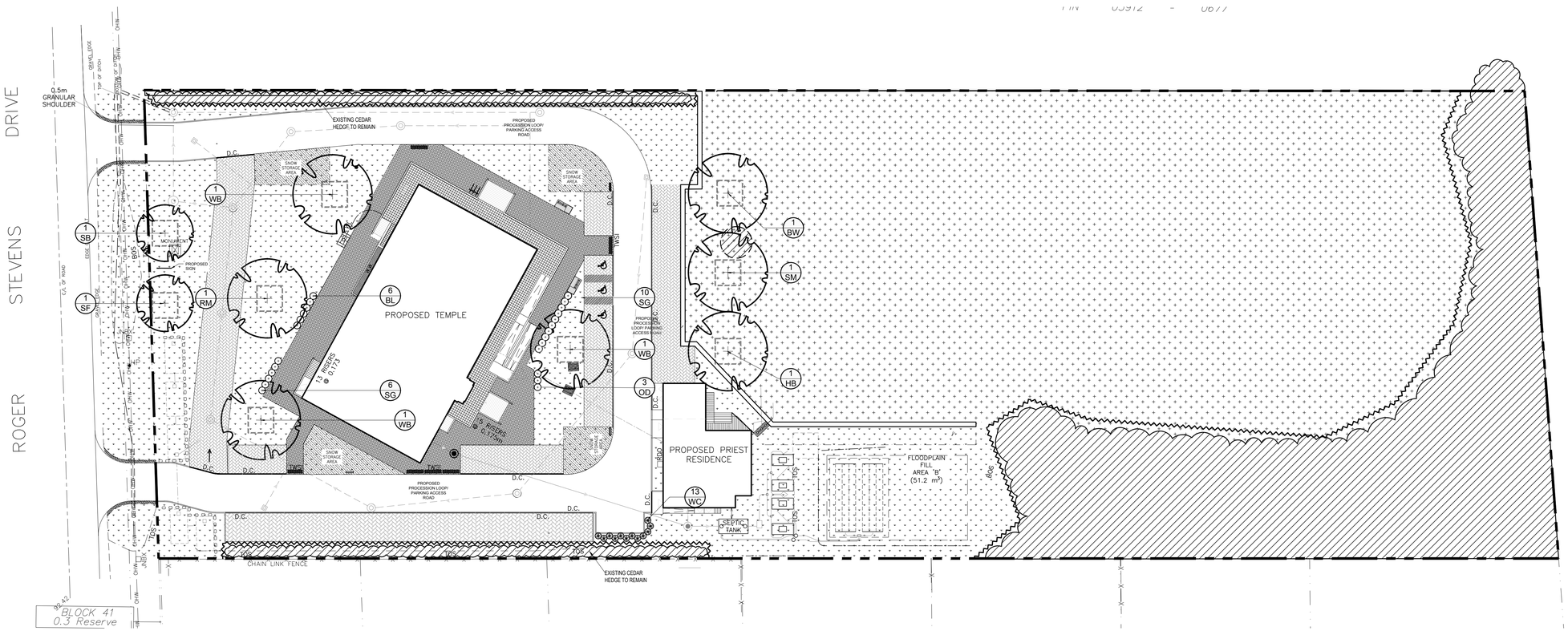
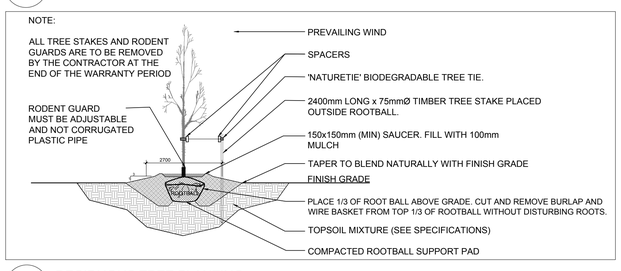


1 L.1 LANDSCAPE PLAN

SCALE 1:400

0 5 10 15 20m



2 L.1 DECIDUOUS TREE 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:
   - Building Foundations 7.5m
   - Sidewalks 1.5m
   - Public Streets 2.5m
   - Underground Infrastructure 1.5m
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.

PROPOSED PLANT LIST

(QTY. / KEY)

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
TREES						
BW	1	Tilia americana	Basswood	50mm cal.	B&B	
HB	1	Celtis occidentalis	Hackberry	50mm cal.	B&B	
RM	1	Acer rubrum	Red Maple	50mm cal.	B&B	
SB	1	Amelanchier canadensis	Shadblow Serviceberry	50mm cal.	B&B	
SF	1	Amelanchier laevis 'JFS-ARB'	Spring Flurry Serviceberry	50mm cal.	B&B	
SM	1	Acer saccharum	Sugar Maple	50mm cal.	B&B	
WB	3	Betula papyrifera	White Birch	50mm cal.	B&B	
SHRUBS						
WC	13	Thuja occidentalis 'Clumps'	White Cedar Clumps	1800mm ht.	Potted / bare root	Space 1200mm o.c.
ORNAMENTAL GRASSES						
BL	6	Andropogon gerardii	Big Bluestem	250mm pot	Potted	Space 800mm o.c.
OD	3	Calamagrostis 'Overdam'	Overdam Grass	250mm pot	Potted	Space 800mm o.c.
SG	16	Panicum virgatum	Switchgrass	250mm pot	Potted	Space 800mm o.c.

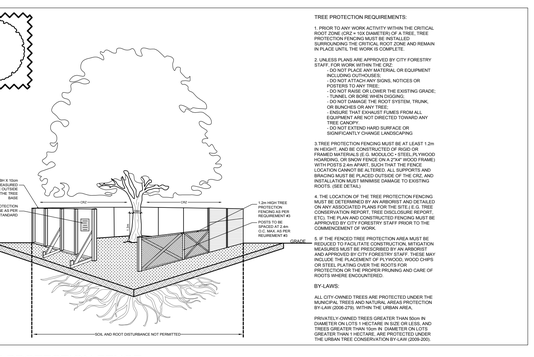
40 YEAR CANOPY CALCULATION:

-20,396m2 site area

-7 Large trees proposed (154m2 ea.) and 2 small trees proposed (7m2 ea.); 3,242m2 existing trees to remain

=4,314m2 canopy cover =21.2% canopy cover

***Large trees calculated at and small 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, THE CRITICAL ROOT ZONE:
   - 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 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

3.TREE PROTECTION FENCING MUST BE AT LEAST 1.2m IN HEIGHT AND MUST CONSIST OF EITHER: - FRAMED MATERIAL (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 BRACES MUST BE ON THE INSIDE OF THE FENCE AND INSTALLATION MUST MINIMIZE 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, TREE DISCLOSURE REPORT). THE LOCATION 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: ROOT PRUNING, ROOT ZONE MULCH CHIPS OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

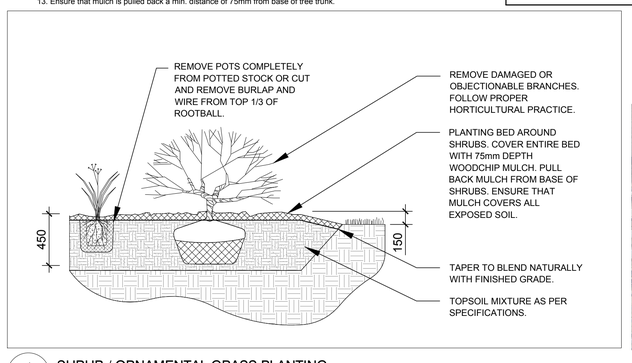
BY-LAWS:

ALL CITY-OWNED TREES ARE PROTECTED UNDER THE URBAN TREE CONSERVATION BY-LAW (2009-200) PRIVATE BY-LAW (2006-278). WITHIN THE URBAN AREA,

PRIVATELY-OWNED TREES GREATER THAN 50cm IN DIAMETER ON LOTS 1 HECTARE IN SIZE OR LESS, AND TREES GREATER THAN 30cm IN DIAMETER ON LOTS GREATER THAN 1 HECTARE, ARE PROTECTED UNDER THE URBAN TREE CONSERVATION BY-LAW (2009-200).

3 L.1 TREE PROTECTION FENCE

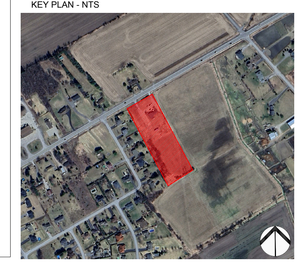
SCALE: NTS



4 L.1 SHRUB / ORNAMENTAL GRASS PLANTING

SCALE: NTS

KEY PLAN - NTS



CLIENT:

OTTAWA SIVAN TEMPLE

CONSULTANTS

ARCHITECTS:

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OTTAWA, ONTARIO, K1V 6M8

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CIVIL ENGINEERS:

D. B. GRAY ENGINEERING INC.
Stormwater Management - Grading & Drainage - Storm & Sanitary Sewers - Watermains
700 Long Point Circle 613-425-8044
Ottawa, Ontario d.gray@dbgrayengineering.com

LEGEND

- EXTENT OF CRZ
- EXISTING TREE TO REMAIN
- EXISTING VEGETATION TO REMAIN
- 30m3 SOIL VOLUME
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUBS / ORNAMENTAL GRASSES
- TREE PROTECTION FENCE
- PROPOSED SOD
- PROPOSED RIPARIAN SEED MIXTURE
- PRECAST CONCRETE PAVERS TYPE 1
- PRECAST CONCRETE PAVERS TYPE 2
- PERMEABLE PAVERS
- ACCESSIBLE BENCH WITH CONCRETE PAD
- PROPOSED PICNIC TABLE

No.	Issue	Date MM/DD/YY	DR	CK
6	REVISED PER NEW CIVIL DRAWING	06/18/2025	ML	JL
5	REVISED PER CITY COMMENTS	04/10/2025	ML	JL
4	REVISED PER CITY COMMENTS	12/02/2024	ML	JL
3	REVISED PER NEW SITE PLAN	10/04/2024	ML	JL
2	ISSUED FOR DISCUSSION AND REVIEW	10/01/2024	ML	JL
1	ISSUED FOR DISCUSSION AND REVIEW	07/30/2024	CM	JL

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3332 CARLING AVE. OTTAWA, ONTARIO K2H 5A8
Tel. (613) 722-5168 **Fax. 1(866) 343-3942**

PROJECT

OTTAWA SIVAN TEMPLE

2104 ROGER STEVENS DRIVE, OTTAWA ON

DRAWING

LANDSCAPE PLAN

STAMP

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

SCALE: AS SHOWN

START DATE: JULY 2024

PROJECT NO.: 24MIS2438

PROJECT NORTH

DRAWING NO.: L.1

PLOT SIZE ARCH-D