

PROPOSED TREE CANOPY PROJECTIONS			
TREE TYPE/SIZE	CROWN AREA PER TREE STANDARD RANGE (m²)	CROWN AREA PER TREE USED FOR CALC. (m²)	SITE CANOPY COVER
MEDIUM/ LARGE (1271)	35-250*	±138	***CANOPY (W. OVERLAP): 164,152 m²
**RANGE OF CROWN AREAS IS IN ACCORDANCE WITH PROPOSED TREES SPECIES			SITE: 501 250m²
***CROWN AREAS ARE ACCORDING TO THE AVERAGE MATURE CANOPY SIZE OF THE RESPECTIVE SPECIES. CANOPY SIZING HAS BEEN DETERMINED IN REFERENCE TO VARIOUS ARBORICULTURAL AND BOTANICAL SOURCES, SUCH AS: ONTARIO MINISTRY OF NATURAL RESOURCES & FORESTRY (OMNRF), US FOREST SERVICE; FARRAR, J.L. TREES IN CANADA, UNIVERSITY OF GUELPH ARBORETUM, VARIOUS PUBLICATIONS			TOTAL PERCENT COVER: 32%

- ***NOTES:
- CANOPY COVERAGE BASED ON AVERAGE EXPECTED MATURE DIAMETER OF ~12.5m, AREA OF ~138m² (COMBINATION OF MEDIUM AND LARGE SIZE TREES).
 - CALCULATION ACCOUNTS FOR CANOPY OVERLAP BETWEEN TREES AND EXCLUDES CANOPY OVERLAP TO NON-RESIDENTIAL LANDS.
 - GRAPHICS ARE NOT TO SCALE.

TREE SOIL VOLUMES		
TREE TYPE/SIZE	SINGLE TREE SOIL VOLUME	MULTIPLE TREE SOIL VOLUME (m³/TREE)
ORNAMENTAL	15	9
COLUMNAR	15	9
SMALL	20	12
MEDIUM	25	15
LARGE	30	18
CONIFER	25	15

TYPICAL STREET TREE PLANTING REQUIREMENTS

- 1 TREE PER INTERIOR SINGLE (NON-CORNER) LOTS
- 2 TREES PER EXTERIOR SINGLE (CORNER) LOTS
- 1 TREE PER EXTERIOR TOWNHOUSE (CORNER) LOT
- 2 TREES PER 3 MULTIPLE-UNITS TOWNHOUSE
- 2 TREES PER 4 MULTIPLE-UNITS TOWNHOUSE
- 3 TREES PER 5 MULTIPLE-UNITS TOWNHOUSE
- 3 TREES PER 6 MULTIPLE-UNITS TOWNHOUSE

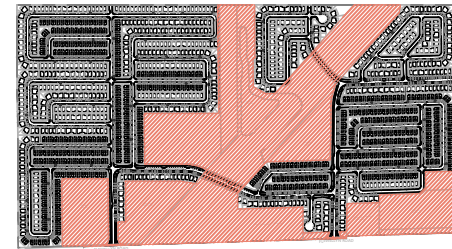
INTERIOR SINGLE (NON-CORNER) LOTS (607): 607 TREES
EXTERIOR SINGLE (CORNER) LOTS (65): 130 TREES
EXTERIOR TOWNHOUSE (CORNER) LOT (44): 44 TREES
3 MULTIPLE-UNITS TOWNHOUSE (24): 48 TREES
4 MULTIPLE-UNITS TOWNHOUSE (12): 24 TREES
5 MULTIPLE-UNITS TOWNHOUSE (84): 252 TREES
6 MULTIPLE-UNITS TOWNHOUSE (55): 165 TREES

TOTAL NUMBER OF TREES REQUIRED: 1,270
NUMBER OF STREET TREES SHOWN ON PLAN: 1,271
NUMBER OF WALKWAY BLOCK TREES: 00
TOTAL NUMBER OF TREES ON PLAN: 1,271
DIFFERENCE: + 01

*PRELIMINARY - STREET LOCATIONS ARE SUBJECT TO CHANGE DURING DETAILED DESIGN AND SITE PLAN CONTROL APPLICATIONS.

Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.

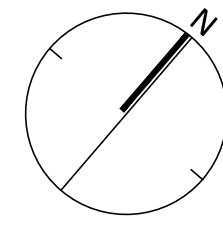
Key Plan



LEGEND

- PROPERTY LINE
- RESIDENTIAL LANDS
- EXCLUDED NON-RESIDENTIAL LANDS
- MATURE CANOPY
- EXCLUDED OVERLAP

7	Issued for Preliminary Streetscape Resubmission	Oct. 31/25
6	East Parcel Lands Identified	Jun 17/25
5	Issued for Preliminary Streetscape Resubmission	Apr.14/25
4	Issued for Preliminary Streetscape Resubmission	Mar.24/25
3	Issued for Preliminary Streetscape Resubmission	Aug.9/24
2	Issued for Preliminary Streetscape Resubmission	Aug.2/24
1	Issued for Preliminary Streetscape Submission	July.18/24
No.	Description	Date
Revision		
City Approval Stamp		



NAK
design strategies

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Project

STITTSTVILLE WEST

Title

TREE CANOPY CALCULATIONS

Date	2025-10-24	Sheet
Scale	1:1650	D4
Drawn	MB	
Checked	NK	
Job No.	21-273	