

PROPOSED PLANT LIST:

CANOPY CALCULATION CHART:

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	ORIGIN	CROWN AREA PER TREE (m <sup>2</sup> )	CANOPY AREA SUBTOTAL (m <sup>2</sup> )	% OF TOTAL CANOPY AREA
<b>DECIDUOUS TREES</b>										
AA	5	<i>Ametanochier arborea</i>	Downy Serviceberry	60mm cal.	B&B	Multi-stem, small tree	Native	78.5	392.5	5.5%
AC	4	<i>Ametanochier canadensis</i>	Shadblow Serviceberry	60mm cal.	B&B	Small tree	Native	78.5	314	
AF	3	<i>Acer x freemanii</i>	Freeman's Maple	60mm cal.	B&B	Medium tree	Hybrid of native species	154	462	
BP	5	<i>Betula populifolia</i> 'Multi-stem'	Multi-stem Gray Birch	60mm cal.	B&B	Multi-stem, small tree	Native	154	770	
CC	5	<i>Carpinus caroliniana</i>	American Hornbeam	60mm cal.	B&B	Medium tree	Native	154	770	
CO	4	<i>Celtis occidentalis</i>	Hackberry	60mm cal.	B&B	Medium tree	Native	154	616	
GT	5	<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Shademaster'	Shademaster Honey Locust	60mm cal.	B&B	Medium tree	Native	154	770	
OV	4	<i>Ostrya virginiana</i>	Ironwood	60mm cal.	B&B	Medium tree	Native	154	616	
RT	24	<i>Rhus typhina</i>	Staghorn Sumac	60mm cal.	B&B	Small tree	Native	78.5	1884	
<b>CONIFEROUS TREES</b>										
TO	1	<i>Thuja occidentalis</i>	Eastern White Cedar	1800mm ht.	B&B		Native	78.5	78.5	1%
<b>SHRUBS</b>										
Cs	128	<i>Cornus sericea</i>	Red Osier Dogwood	800mm ht.	Potted	Space 1200mm O.C.	Native			
Po	67	<i>Physocarpus opulifolius</i>	Common Ninebark	800mm ht.	Potted	Space 1000mm O.C.	Native			
Ra	110	<i>Rhus aromatica</i>	Fragrant Sumac	800mm ht.	Potted	Space 1000mm O.C.	Native			
Rr	78	<i>Rosa rugosa</i>	Rugosa Rose	800mm ht.	Potted	Space 800mm O.C.	Native			
Rl	27	<i>Rhus typhina</i> 'Laciniata'	Cutleaf Staghorn Sumac	800mm ht.	Potted	Space 1200mm O.C.	Native			

PROPOSED TREE CANOPY COVERAGE TOTAL 6.673m<sup>2</sup>  
 EXISTING TREE CANOPY COVERAGE TOTAL 0.000m<sup>2</sup>  
 SITE AREA (INCL. BUILDING FOOTPRINT) 25.200m<sup>2</sup>  
**SITE CANOPY COVER 26.5%**  
 CANOPY COVER TARGET 40%

- PROPOSED TREE AND PLANT LIST NOTES:**
- PROPOSED TREES SHOWN AT 40-YEAR CANOPY PROJECTIONS:  
 - 3m CANOPY DIAMETER FOR SMALL TREES  
 - 10m CANOPY DIAMETER FOR MEDIUM TREES  
 - 12m CANOPY DIAMETER FOR LARGE TREES
  - ALL PROPOSED PLANT MATERIAL TO BE PLANTED ON PRIVATE PROPERTY. TOTAL QUANTITY OF PROPOSED TREES ON 1015 AND 1045 DAIRY DRIVE: 64
  - SOIL VOLUME CALCULATIONS ARE BASED ON A DEPTH OF 1.5m.
- GEOTECHNICAL PLANTING NOTES:**
- THIS LANDSCAPE PLAN HAS BEEN DEVELOPED AS PER THE GEOTECHNICAL REPORT PG6498-1 REVISION 4 (JUNE 10, 2024, PATTERSON GROUP).
  - TREE SPECIES MUST BE SMALL (MATURE HEIGHT UP TO 7.5m) TO MEDIUM (MATURE HEIGHT OF 7.5 TO 14m).
  - TREE SETBACK FROM BUILDING EQUAL TO THEORETICAL MATURE HEIGHT OF TREE - AS PER GEOTECHNICAL REPORT. 7.5m FOR SMALL TREES AND 14m FOR MEDIUM SIZE TREES.
  - REFER TO GEOTECHNICAL REPORT FOR AREAS OF MARINE CLAY SOIL.

GENERAL NOTES:

- 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.
- THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES AND AUTHORITIES PRIOR TO ANY EXCAVATION AND ASCERTAIN LOCATIONS OF UNDERGROUND SERVICES.
- THE CONTRACTOR IS TO RENOVATE ALL AREAS AND ITEMS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY.
- THE CONTRACTOR IS TO COMPLY WITH ALL PERTINENT CODES AND BY-LAWS.
- THE CONTRACTOR IS TO MAINTAIN A POSITIVE SURFACE RUN-OFF THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
- THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS.
- THE CONTRACTOR IS TO IDENTIFY ALL EXISTING TREES TO REMAIN ON SITE WITH THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS TO STAKE THE PROPOSED LOCATION OF ALL PLANT MATERIAL IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATION.
- 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
- ALL TREES WITHIN 1M OF UNDERGROUND UTILITY TRENCHES ARE TO BE EXCAVATED BY HAND.
- REMOVE ALL PROTECTIVE WRAPPING FROM TREE TRUNKS AFTER INSTALLATION.
- STAKING OF TREES SHALL ONLY BE PERFORMED IF NECESSARY.
- ENSURE THAT MULCH IS PULLED BACK A MINIMUM DISTANCE OF 75MM FROM BASE OF TREE TRUNK.

LEGEND:

- PROPOSED SOD
- PROPOSED NATURALIZATION HYDROSEED MIX
- CONCRETE (BY OTHERS)
- PROPOSED SHRUBS/PERENNIALS
- EXISTING TREE TO REMAIN (REFER TO TREE CONSERVATION REPORT)
- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPERTY LINE / LIMIT OF CONSTRUCTION
- AREA USED FOR TREE CANOPY COVER CALCULATIONS
- TREE PLANTING SETBACKS (AS PER GEOTECHNICAL REPORT)
- AREA USED FOR SOIL VOLUME CALCULATIONS
- PROPOSED CHAINLINK FENCE
- RETAINING WALL (AS PER CIVIL)

**NO DRAWING DIVISION SHALL BE VIEWED INDEPENDENTLY. CONTRACTOR AND ALL SUB CONTRACTORS TO REVIEW AND BE FAMILIAR WITH ENTIRE DRAWING SET.**



Revisions

Rev.	Description	Date
4	ISSUED FOR SITE PLAN APPROVAL	12/17/2024
3	ISSUED FOR SITE PLAN APPROVAL	10/08/2024
2	PHASE 2 PRE-CONSULTATION	07/15/2024
1	ISSUED FOR COORDINATION	02/06/2024

To: (Version) For: Date:

**Issue Table**

NOTE:  
 CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH WORK. DO NOT SCALE DRAWINGS.

CONTRACTORS AND SUBCONTRACTORS SHALL USE THIS DRAWING IN CONJUNCTION WITH OTHER DISCIPLINARY ENGINEER DRAWINGS AND TENANT FIT-UP DRAWINGS.

THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSE UNTIL ISSUED FOR CONSTRUCTION BY DESIGN PROFESSIONAL UNDER ISSUE COLUMN.

CONTRACT DOCUMENTS ARE THE COPYRIGHT OF THE CONSULTANTS AND SHALL NOT BE USED OR REPRODUCED WITHOUT AUTHORIZATION BY THE CONSULTANTS.

ALL DRAWINGS ARE TO BE REVIEWED AS A FULL PACKAGE SET.

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Project:  
**PROPOSED SELF-STORAGE BUILDINGS**  
 1015 AND 1045 DAIRY DRIVE,  
 OTTAWA, ON.

Drawing Title:  
**LANDSCAPE PLAN**

Drawn By: WF Scale: AS NOTED  
 Checked By: JL Plot Date:  
 Project Date: AUGUST, 2023  
 Project No: 23MIS2371  
 Drawing No: L.1 Sheet Version: 0

