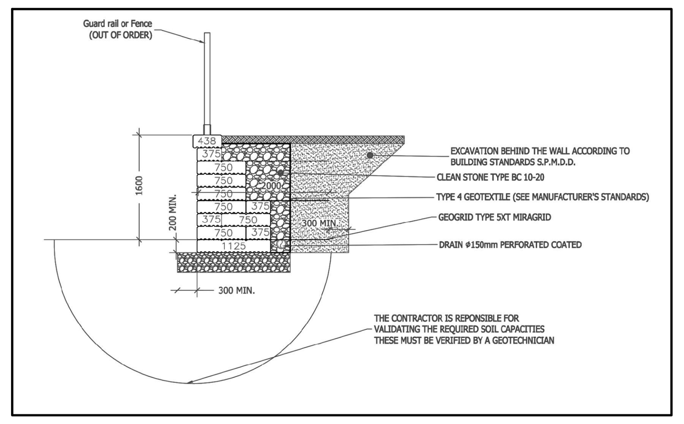
ATHamlin

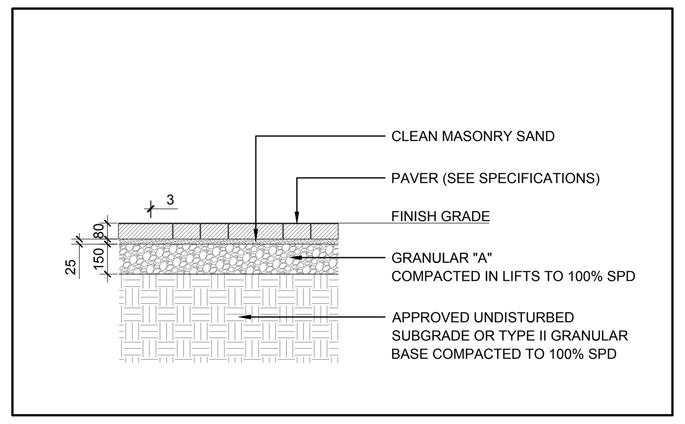
ALLISON HAMLIN
MANAGER , DEVELOPMENT REVIEW ALL WARDS
PLANNING, DEVELOPMENT & BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

2 / L.1 PLACEHOLDER
SCALE: NTS

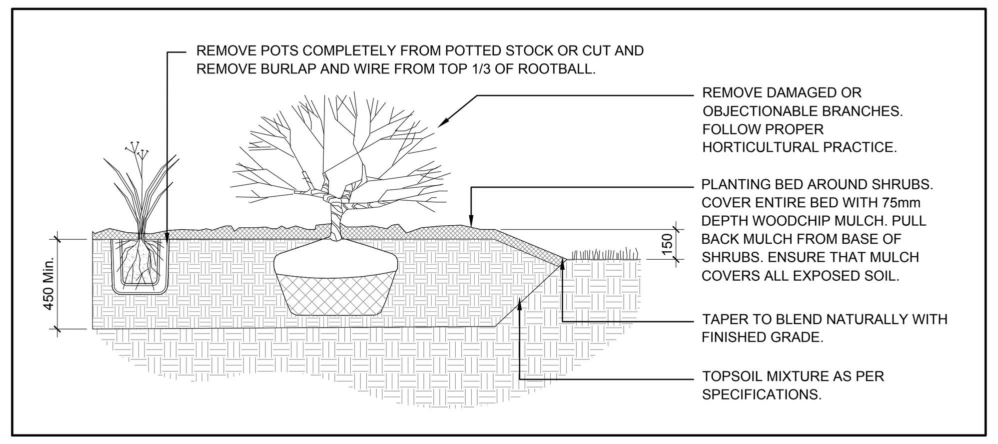
APPROVED
By Allison Hamlin at 1:51 pm, May 21, 2026



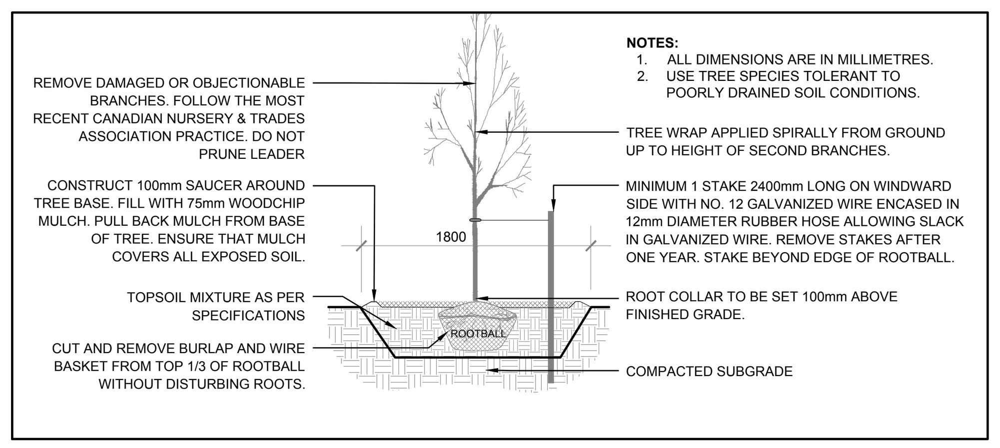
3 / L.1 PERMACON RETAINING WALL W FENCE
SCALE: NTS



4 / L.1 PRECAST CONCRETE PAVERS
SCALE: NTS



5 / L.1 SHRUB / PERENNIAL PLANTING
SCALE: NTS



6 / 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:
   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.

PROPOSED PLANT LIST (QTY / SP)

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	ORIGIN	PROPOSED LOCATION
TREES								
AS	1	*Acer* x freemanii	Freeman's Maple	50mm cal.	B&B		Native	2040 Arrowsmith Dr.
AP	1	*Acer palmatum 'Wolff'*	Emperor Japanese Maple	50mm cal.	B&B		Non-Native	2040 Arrowsmith Dr.
CO	2	*Celtis occidentalis*	Hackberry	50mm cal.	B&B		Native	2040 Arrowsmith Dr.
GB	2	Ginkgo biloba	Maidenhair Tree	50mm cal.	B&B	Male	Introduced	2040 Arrowsmith Dr.
GD	2	*Gleditsia tricanthos var inermis* 'Draves'	Streetkeeper Honeylocust	50mm cal.	B&B		Cultivar	2040 Arrowsmith Dr.
QM	1	*Quercus macrocarpa*	Bur Oak	50mm cal.	B&B		Native	2040 Arrowsmith Dr.
WS	3	*Picea glauca*	White Spruce	2000mm ht.	B&B		Native	2040 Arrowsmith Dr.
SHRUBS								
Bt	6	*Berberis thunbergii* 'Concorde'	Concorde Barberry	300mm ht.	Potted	Space 800 mm o.c.	Cultivar	2040 Arrowsmith Dr.
Ca	2	*Cornus alternifolia*	Pagoda dogwood	2000mm ht.	Stringball	Space 3000 mm o.c.	Native	2040 Arrowsmith Dr.
Cs	29	*Cornus sericea* 'Farrow' Arctic Fire	Red Twig Dogwood	600mm ht.	Potted	Space 1000 mm o.c.	Cultivar	2040 Arrowsmith Dr.
Ha	34	*Hydrangea arborescens* 'Annabelle'	Annabelle Hydrangea	3 gal. pot	Potted	Space 800 mm o.c.	Cultivar	2040 Arrowsmith Dr.
Hp	3	*Hydrangea paniculata* 'Peegee'	Peegee Hydrangea	1200mm ht.	Potted		Cultivar	2040 Arrowsmith Dr.
Sa	7	*Spiraea x arguta*	Garland Spirea	800mm spr.	Potted	Space 1000 mm o.c.	Cultivar	2040 Arrowsmith Dr.
Sj	27	*Spiraea japonica* 'Goldmound'	Goldmound Spirea	500 mm ht.	Potted	Space 800 mm o.c.	Cultivar	2040 Arrowsmith Dr.
PERENNIALS/ GRASSES								
ck	37	*Calamagrostis* 'Karl Foerster'	Karl Foerster Grass	250mm pot	Potted	Space 800 mm o.c.	Cultivar	2040 Arrowsmith Dr.
hr	26	*Hemerocallis* 'Ruby Stella'	Ruby Stella Daylily	150mm pot	Potted	Space 300 mm o.c.	Cultivar	2040 Arrowsmith Dr.
ps	46	*Phalaris arundinacea* 'Strawberries & Cream'	Strawberries & Cream Ribbon Grass	250mm pot	Potted	Space 600 mm o.c.	Cultivar	2040 Arrowsmith Dr.

PROPOSED TREE AND PLANT LIST NOTES

1. SOIL VOLUME CALCULATIONS ARE BASED ON A DEPTH OF 1.5M.
2. THE LANDSCAPE PLAN WAS PREPARED IN CONJUNCTION WITH THE GEOTECHNICAL INVESTIGATION (FEBRUARY 02, 2023, EXP). TREE SETBACK FROM BUILDING EQUAL TO THEORETICAL MATURE HEIGHT OF TREE.

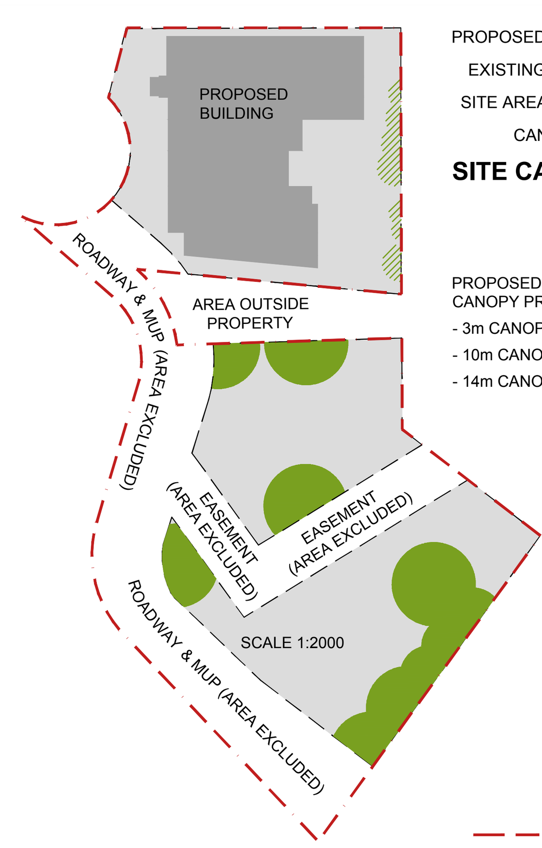
PROPOSED TREE SOIL VOLUME CHART

TREE TYPE/SIZE	SINGLE TREE SOIL VOLUME (m^3)	MULTIPLE TREE SOIL VOLUME (m^3/tree)
Small	*25	*15
Medium / Conifer	25	15
Large	30	18

* SOIL VOLUME FOR SMALL TREES INCREASED DUE TO PRESENCE OF SENSITIVE MARINE CLAY SOILS.

TREE CANOPY COVER

CANOPY COVER DIAGRAM

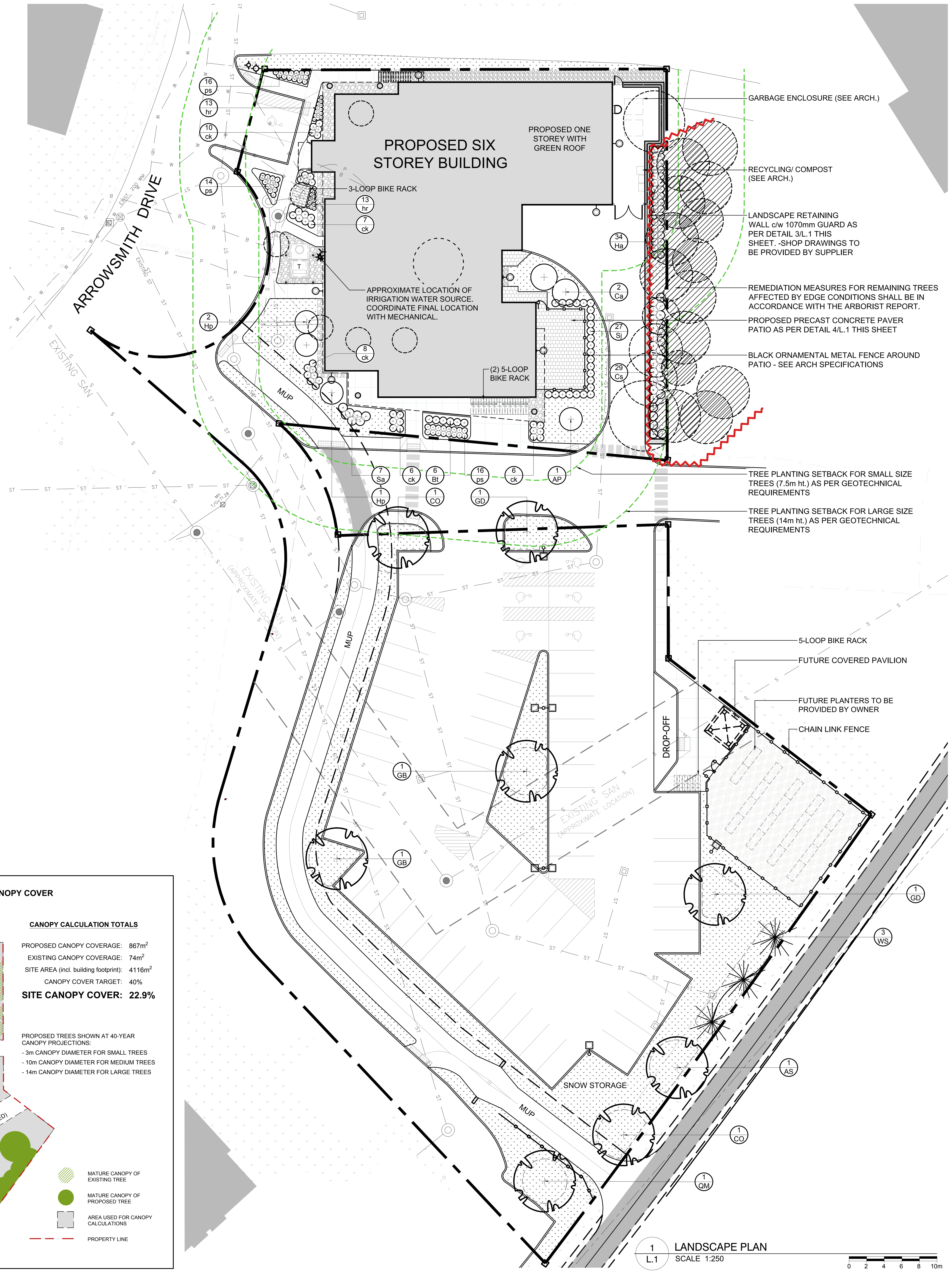


MATURE CANOPY OF EXISTING TREE
MATURE CANOPY OF PROPOSED TREE
AREA USED FOR CANOPY CALCULATIONS
PROPERTY LINE

CANOPY CALCULATION TOTALS

PROPOSED CANOPY COVERAGE: 867m^2
EXISTING CANOPY COVERAGE: 74m^2
SITE AREA (incl. building footprint): 4116m^2
CANOPY COVER TARGET: 40%
SITE CANOPY COVER: 22.9%

PROPOSED TREES SHOWN AT 40-YEAR CANOPY PROJECTIONS:
- 3m CANOPY DIAMETER FOR SMALL TREES
- 10m CANOPY DIAMETER FOR MEDIUM TREES
- 14m CANOPY DIAMETER FOR LARGE TREES



1 / L.1 LANDSCAPE PLAN
SCALE 1:250
0 2 4 6 8 10m

CLIENT
Vandenberg & Wildeboer
A·R·C·H·I·T·E·C·T·S
www.vwarchitects.ca Telephone: 613.287.0144 Facsimile: 613.271.8609 mail@vwarchitects.ca
THE OLD STONE LODGE · 160 FLAMBOROUGH WAY · OTTAWA (KANATA) · ONTARIO · K2K 3H9

CONSULTANTS

SURVEYORS: **FARLEY, SMITH & DENNIS SURVEYING LTD.**
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Ottawa, ON K2E 7J6
P: (613) 727-8226
E: fsdsurveys@bell.et.ca

MECHANICAL /ELECTRICAL ENGINEERS: Smith + Andersen
1600 Carling Ave #530,
Ottawa, ON K1Z 1G3
P: (613) 691 0266
E: Mike.Leong@smithandandersen.com

CIVIL ENGINEERS: **D.B. GRAY ENGINEERING INC.**
1052 Karsh Dr,
Ottawa, ON K1G 4N1
P: (613)
E: d.gray@dbgrayengineering.com

LEGEND

PROPOSED CONCRETE WALKWAY (BY OTHERS)
PROPOSED PRECAST CONCRETE PAVER PATIO: Tecko Bloc Blu 80 Smooth, Linear, Greyed Nickel
PROPOSED PEASTONE
EXISTING GRASS
PROPOSED SOD
PROPOSED RIVERSTONE
PROPOSED PERENNIALS & SHRUBS
EXISTING TREE TO BE REMOVED (SEE TREE PROTECTION PLAN)
EXISTING TREE TO REMAIN (SEE TREE PROTECTION PLAN)
PROPOSED DECIDUOUS TREE
PROPOSED CONIFEROUS TREE
REQUIRED SOIL VOLUME -Refer to soil volume chart below proposed plant list
LIGHT STANDARD (SEE ELECTRICAL)
H — HYDRO LINE (SEE ELECTRICAL)
STM — STORM SEWER (SEE CIVIL)
SAN — SANITARY SEWER (SEE CIVIL)
W — WATER LINE (SEE CIVIL)
PROPOSED TREE PROTECTION FENCE (SEE TREE PROTECTION PLAN)
TREE PLANTING SETBACK (SEE GEOTECHNICAL REPORT)

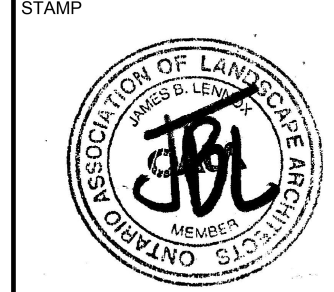
No.	Issue	Date MM/DD/YY	DR	CK
22	NORTHWEST SIDEWALK ADJUSTED	05/06/2026	WF	JL
21	REMOVE ARMOUR STONE BLOCKS AS PER CITY REQUIREMENT	04/27/2026	LC	JL
20	ISSUED FOR SITE PLAN COMMENTS	04/15/2026	WF	JL

JAMES B. LENNOX & ASSOCIATES INC.
LANDSCAPE ARCHITECTS
3332 CARLING AVE. OTTAWA, ONTARIO K2H 5A8
Tel. (613) 722-5168 Fax. 1(866) 343-3942

PROJECT
WIGWAMEN
2040 ARROWSMITH DRIVE, GLOUCESTER, ON K1J 8V9
PART OF BLOCK D
REGISTERED PLAN 848
CITY OF OTTAWA

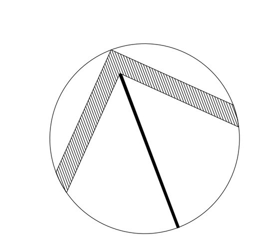
DRAWING
LANDSCAPE PLAN

STAMP



APPLICATION NO. D07-12-23-0014
PLAN NO. 18936
START DATE NOVEMBER 2022
JBLA PROJECT NO. 23VAN2312

PROJECT NORTH



DRAWING NO.
L.1

PLOT SIZE ARCH-D