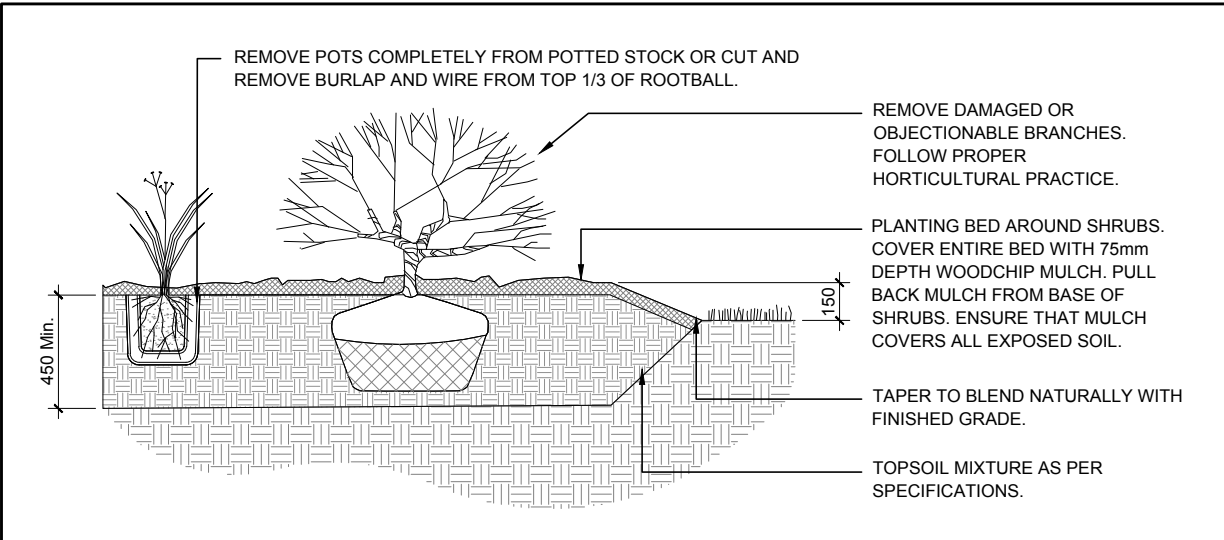
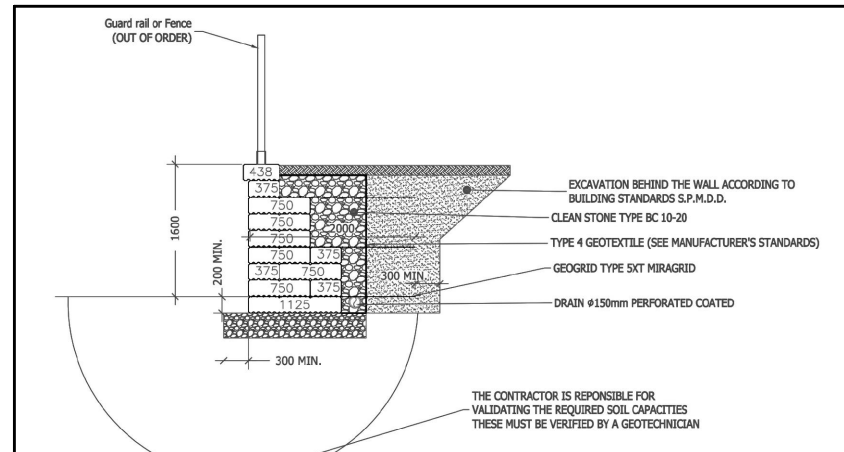


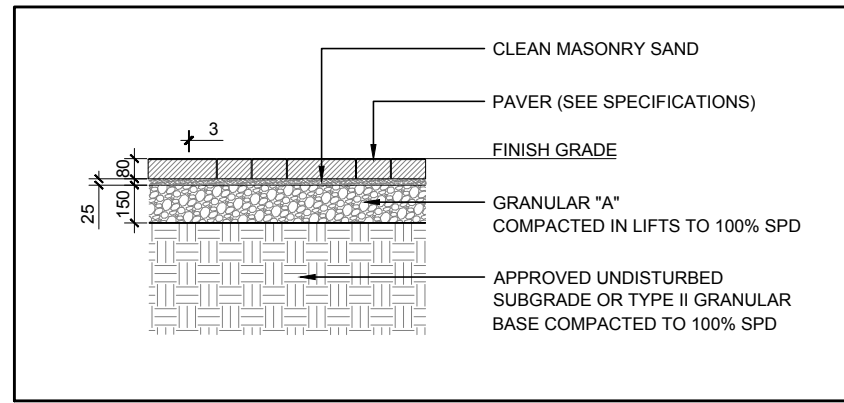
2 TREE PROTECTION FENCE
SCALE: NTS



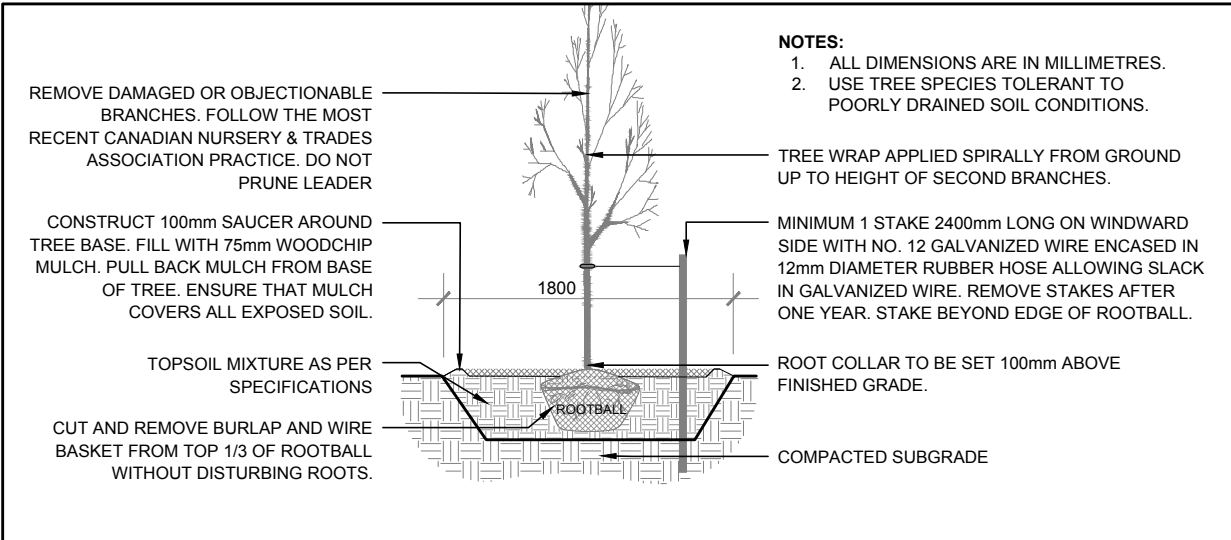
5 SHRUB / PERENNIAL PLANTING
SCALE: NTS



3 PERMACON RETAINING WALL W FENCE
SCALE: NTS



4 PRECAST CONCRETE PAVERS
SCALE: NTS



6 DECIDUOUS TREE PLANTING
SCALE: NTS

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP
EXISTING TREE LIST							
DECIDUOUS TREES							
1	1	<i>Prunus domestica</i>	Plum Tree	175mm DBH	Good	To Be Removed - Within building footprint	2040 Arrowsmith Dr.
2	1	<i>Syringa reticulata</i>	Japanese Tree Lilac	200mm DBH	Good	To Be Removed - Within excavation limit	2040 Arrowsmith Dr.
3	1	<i>Syringa reticulata</i>	Japanese Tree Lilac	200mm DBH	Good	To Be Removed - Within excavation limit	2040 Arrowsmith Dr.
4	1	<i>Gleditsia triacanthos</i>	Honey Locust	400mm DBH	Good	To Be Removed - Within building footprint	2040 Arrowsmith Dr.
5	1	<i>Malus sp.</i>	Crabapple	250mm DBH	Good	To Be Removed - Within building footprint	2040 Arrowsmith Dr.
6	1	<i>Malus sp.</i>	Crabapple	250mm DBH	Good	To Be Removed - Within building footprint	2040 Arrowsmith Dr.
7	1	<i>Malus sp.</i>	Crabapple	250mm DBH	Good	To Be Removed - Within building footprint	2040 Arrowsmith Dr.
8	1	<i>Picea pungens</i>	Colorado Spruce	350mm DBH	Good	To Be Removed - Within excavation limit	2040 Arrowsmith Dr.
9	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	2000 Jasmine Crescent
10	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	2000 Jasmine Crescent
11	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	2000 Jasmine Crescent
12	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	2000 Jasmine Crescent
13	1	<i>Picea pungens</i>	Colorado Spruce	250mm DBH	Good	To Remain	2000 Jasmine Crescent
14	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	Jointly owned by 2040 Arrowsmith Dr. & 2000 Jasmine Cr.
15	1	<i>Picea pungens</i>	Colorado Spruce	250mm DBH	Good	To Remain	2000 Jasmine Crescent
16	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	Jointly owned by 2040 Arrowsmith Dr. & 2000 Jasmine Cr.
17	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	2000 Jasmine Crescent
18	1	<i>Picea pungens</i>	Colorado Spruce	200mm DBH	Good	To Be Removed - Within excavation limit	2040 Arrowsmith Dr.
19	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	2000 Jasmine Crescent
20	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Be Removed - Within excavation limit	2040 Arrowsmith Dr.
21	1	<i>Picea pungens</i>	Colorado Spruce	200mm DBH	Good	To Remain	2000 Jasmine Crescent
22	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Be Removed - Within excavation limit	2040 Arrowsmith Dr.
23	1	<i>Picea pungens</i>	Colorado Spruce	400mm DBH	Good	To Be Removed - Within excavation limit	2040 Arrowsmith Dr.
24	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	Jointly owned by 2040 Arrowsmith Dr. & 2000 Jasmine Cr.
25	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	2000 Jasmine Crescent
26	1	<i>Picea pungens</i>	Colorado Spruce	300mm DBH	Good	To Remain	2000 Jasmine Crescent

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	ORIGIN	PROPOSED LOCATION
PROPOSED PLANT LIST								
TREES								
AS	2	<i>Acer saccharum</i>	Sugar Maple	50mm cal.	B&B		Native	2040 Arrowsmith Dr.
CO	1	<i>Celtis occidentalis</i>	Hackberry	50mm cal.	B&B		Native	2040 Arrowsmith Dr.
GB	2	<i>Ginkgo biloba</i>	Maidenhair Tree	50mm cal.	B&B	Male	Introduced	2040 Arrowsmith Dr.
QD	1	<i>Gleditsia triacanthos</i> var <i>inermis</i> 'Draves'	Streetkeeper Honeylocust	50mm cal.	B&B		Cultivar	2040 Arrowsmith Dr.
QM	1	<i>Quercus macrocarpa</i>	Bur Oak	50mm cal.	B&B		Native	2040 Arrowsmith Dr.
WS	3	<i>Picea glauca</i>	White Spruce	2000mm ht.	B&B		Native	2040 Arrowsmith Dr.
PP	14	<i>Picea pungens</i>	Colorado Spruce	2000mm ht.	B&B	Compensation Trees	Non-Native	2000 Jasmine Cr.
SHRUBS								
Bl	6	<i>Berberis thunbergii</i> 'Concordia'	Concordia Barberry	300mm ht.	Potted	Space 800 mm o.c.	Cultivar	2040 Arrowsmith Dr.
Ca	2	<i>Cornus alternifolia</i>	Pagoda dogwood	2000mm ht.	Stringball	Space 3000 mm o.c.	Native	2040 Arrowsmith Dr.
Hp	2	<i>Hydrangea paniculata</i> 'Peegee'	Peegee Hydrangea	1200mm ht.	Potted		Cultivar	2040 Arrowsmith Dr.
Pr	2	<i>Physocarpus</i> 'Diablo'	Diablo Ninebark	800mm ht.	Potted		Cultivar	2040 Arrowsmith Dr.
Rr	43	<i>Rosa rugosa</i>	Rugosa Rose	800mm ht.	Potted	Space 800 mm o.c.	Introduced	2040 Arrowsmith Dr.
Sa	7	<i>Spiraea x arguta</i>	Garland Spiraea	800mm spr.	Potted	Space 1000 mm o.c.	Cultivar	2040 Arrowsmith Dr.
Sj	27	<i>Spiraea japonica</i> 'Goldmound'	Goldmound Spiraea	500 mm ht.	Potted	Space 800 mm o.c.	Cultivar	2040 Arrowsmith Dr.
Tm	5	<i>Taxus x media</i> 'Densiformis'	Dense Spreading Yew	500mm spr.	Potted	Space 800 mm o.c.	Cultivar	2040 Arrowsmith Dr.
PERENNIALS/ GRASSES								
ck	37	<i>Calamagrostis</i> 'Karl Foerster'	Karl Foerster Grass	250mm pot	Potted	Space 800 mm o.c.	Cultivar	2040 Arrowsmith Dr.
hr	28	<i>Hemerocallis</i> 'Ruby Stella'	Ruby Stella Daylily	150mm pot	Potted	Space 300 mm o.c.	Cultivar	2040 Arrowsmith Dr.
ps	46	<i>Phalaris arundinacea</i> 'Strawberries & Cream'	Strawberries & Cream Ribbon Grass	250mm pot	Potted	Space 600 mm o.c.	Cultivar	2040 Arrowsmith Dr.

PROPOSED TREE AND PLANT LIST NOTES

- TREE SETBACK FROM BUILDING EQUAL TO THEORETICAL MATURE HEIGHT OF TREE - AS PER GEOTECHNICAL REPORT.
- SOIL VOLUME CALCULATIONS ARE BASED ON A DEPTH OF 1.5m.

PROPOSED TREE SOIL VOLUME CHART

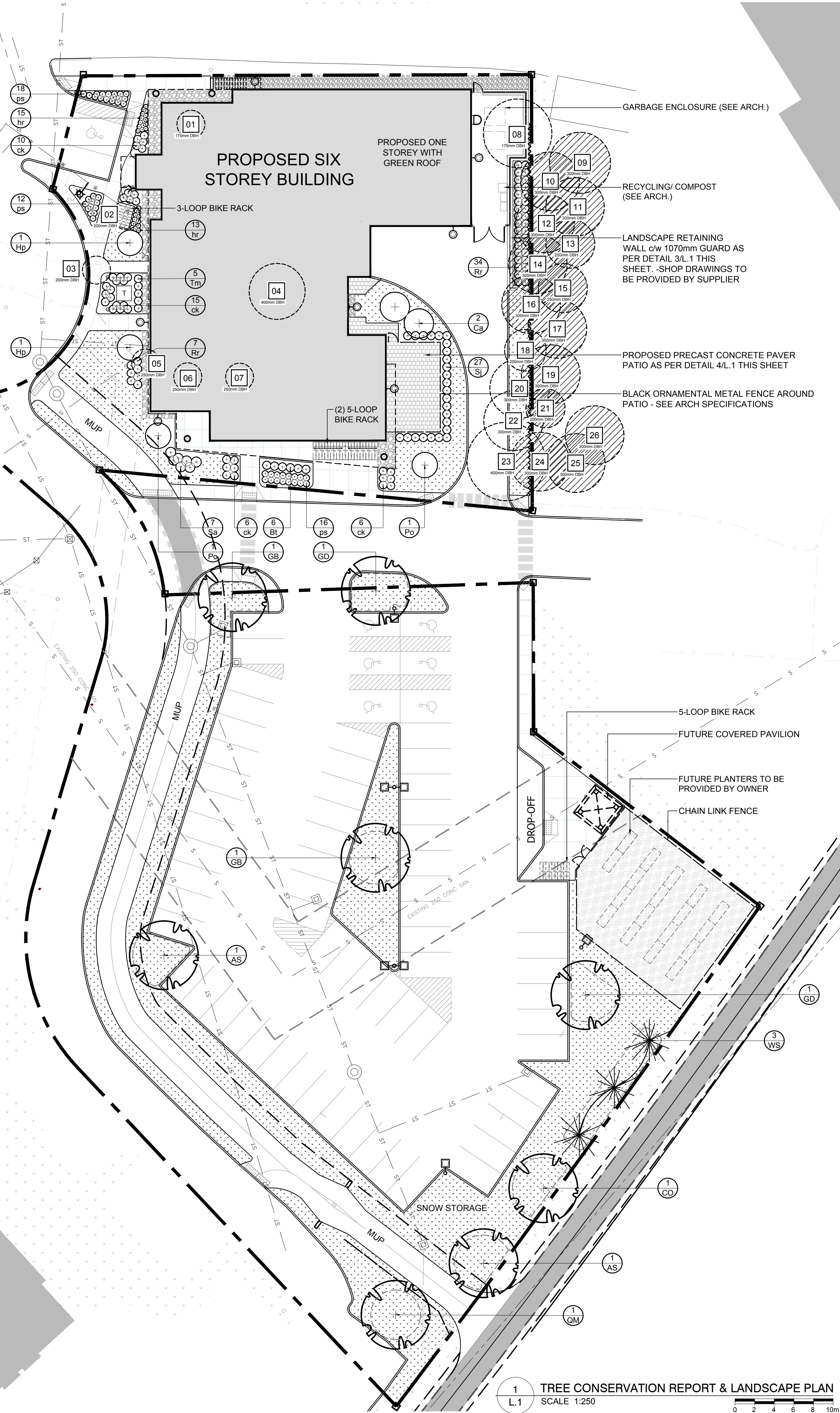
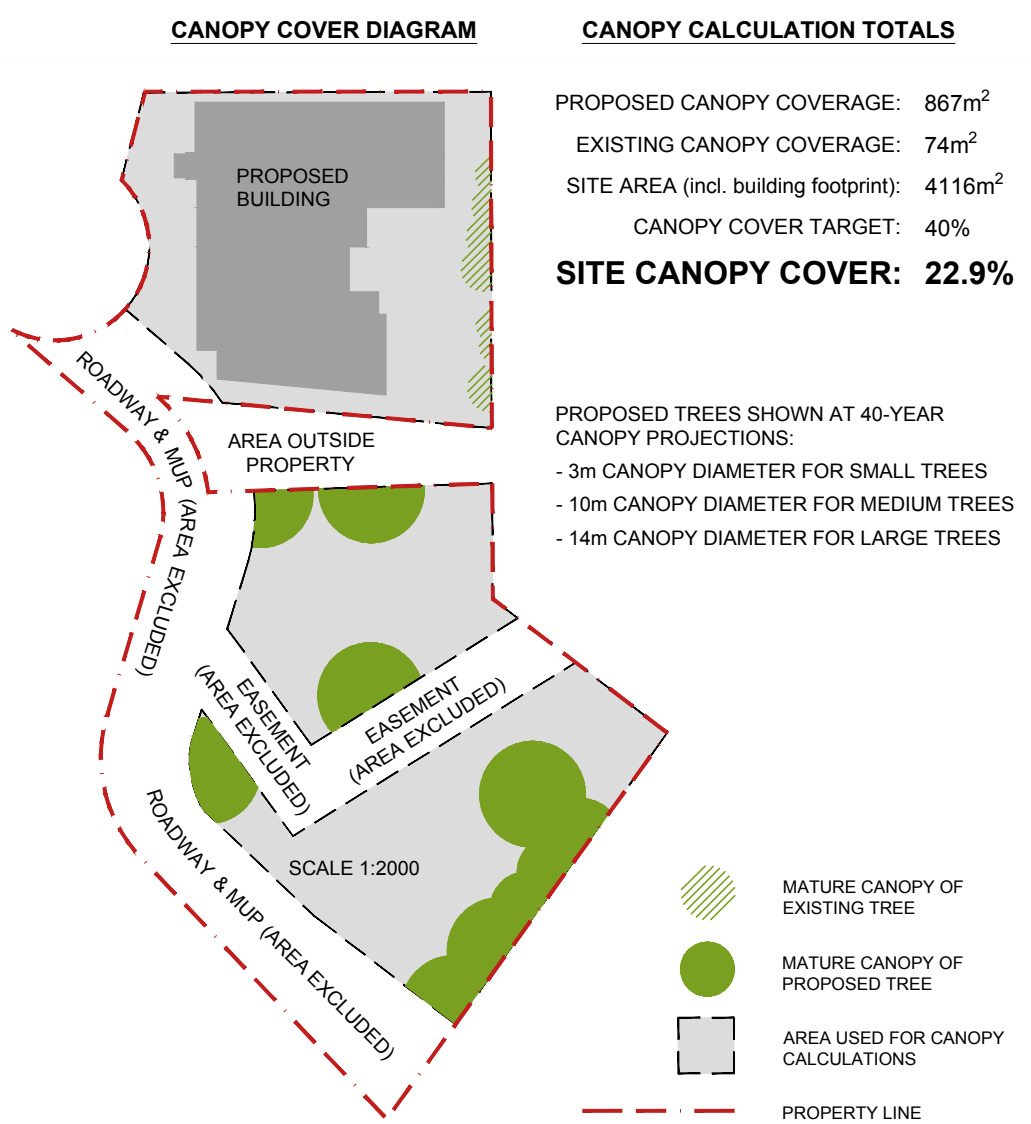
TREE TYPE/SIZE	SINGLE TREE SOIL VOLUME (m³)	MULTIPLE TREE SOIL VOLUME (m³/tree)
Small	25	15
Medium / Conifer	25	15
Large	30	18

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

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 REINSTATE 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:
 - BUILDING FOUNDATIONS - 7.5M
 - SIDEWALKS - 1.5M
 - PUBLIC STREETS - 2.5M
 - 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.

TREE CANOPY COVER



CLIENT

Vandenberg & Wildeboer
ARCHITECTS

CONSULTANTS

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CIVIL ENGINEERS: D.B. GRAY ENGINEERING INC.
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Ottawa, ON K1S 4N1
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E: dgray@dbgrayengineering.com

LEGEND

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

16	ISSUED FOR SITE PLAN RESUBMISSION	12/05/2025	WF	JL
15	COMMUNITY GARDEN PLANTERS REMOVED	11/20/2025	WF	JL
14	REVISED FOR SITE PLAN APPLICATION	07/02/2025	WF	JL
13	ISSUED FOR DISCUSSION AND REVIEW	09/03/2024	WF	JL
12	REVISED FOR SITE PLAN APPLICATION	08/01/2024	WF	JL
11	ISSUED FOR COORDINATION	05/25/2024	WF	JL
10	ISSUED FOR COORDINATION	03/21/2024	WF	JL
No.	Issue	Date	DR	CK

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

PROJECT

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

DRAWING

TREE CONSERVATION REPORT & LANDSCAPE PLAN

STAMP

APPLICATION NO.
D07-12-23-0014

PLAN NO.
18936

START DATE
NOVEMBER 2022

JBLA PROJECT NO.
23VAN2312

DRAWING NO.

PLOT SIZE ARCH-D

L.1