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NOTES:

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NOTES ARE APPLICABLE TO ALL DRAWINGS IN THE SET;

Fotenn Consultants Inc. IS NOT RESPONSIBLE FOR ACCURACY OF BASE INFORMATION;

REFER TO CIVIL ENGINEERING DRAWINGS FOR GRADING & SITE SERVICING INFORMATION;

THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING SITE CONDITIONS AND REPORTING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT;

THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING EXACT LOCATIONS OF ALL UNDERGROUND SERVICES AND OBTAINING CLEARANCE FROM ALL APPLICABLE UTILITIES. PROPOSED WORKS FOUND TO BE IN CONFLICT WITH UNDERGROUND SERVICES MAY BE ADJUSTED AT THE DIRECTION OF THE LANDSCAPE ARCHITECT;

LANDSCAPE ELEMENTS SHOWN ARE SUBJECT TO THE FINAL LOCATION OF UNDERGROUND SERVICES AND UTILITIES;

DO NOT INSTALL TREES ON PROPERTY / LOT LINES OR WITHIN DRAINAGE EASEMENTS;

PERFORM WORK IN ACCORDANCE WITH DETAILS AND SPECIFICATIONS;

ALL PLANT MATERIAL SHALL BE NO. 1 NURSERY STOCK AND SHALL MEET OR EXCEED THE SPECIFICATION OF THE Canadian Standards for Nursery Stock, AS PUBLISHED BY THE Canadian Nursery Landscape Association;

SPECIES SUBSTITUTIONS ARE NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT;

ALL UN-PAVED SURFACES TO RECEIVE 150mm DEPTH TOPSOIL & SOD UNLESS INDICATED OTHERWISE.

STANDARDS FOR TREE PLANTING:

NO PLANTING ON CORNERS OR ANYWHERE WHERE IT WOULD CREATE A SIGHT LINE CONCERN;

MAINTAIN A MINIMUM DISTANCE OF 4.5m FROM ALL BUILDINGS;

MAINTAIN A MINIMUM DISTANCE OF 2.5m FROM THE CURB FOR DECIDUOUS TREES AND 4.5m FOR CONIFEROUS TREES;

MAINTAIN A MINIMUM DISTANCE OF 1.5m FOR DECIDUOUS (4.5m FOR CONIFERS) FROM ANY 1.85m SIDEWALK OR PRIVATE WALKWAY;

MAINTAIN A MINIMUM DISTANCE OF 1.2m FROM ALL DRIVEWAYS;

MAINTAIN A MINIMUM DISTANCE OF 2.5m FROM COMMUNITY MAILBOXES, LIGHT STANDARDS, FIRE HYDRANTS AND NO PLANTING IN FRONT OF HYDRANTS;

MAINTAIN A MINIMUM DISTANCE OF 3.0m FROM ALL HYDRO TRANSFORMERS;

MAINTAIN A MINIMUM DISTANCE OF 1.0m FROM ALL UNDERGROUND SERVICES;

MAINTAIN A MINIMUM DISTANCE OF 1.0m FROM ALL BELL AND CABLE BOXES;

MAINTAIN A MINIMUM DISTANCE OF 10.0 FROM BUS SHELTERS

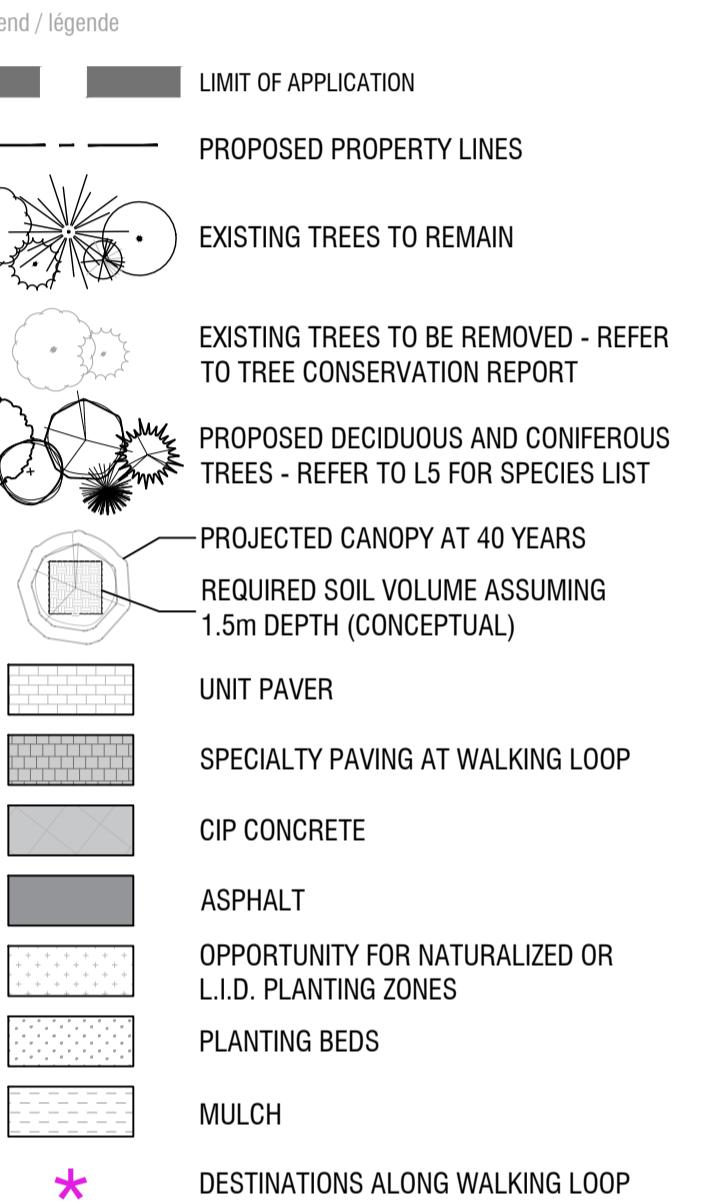
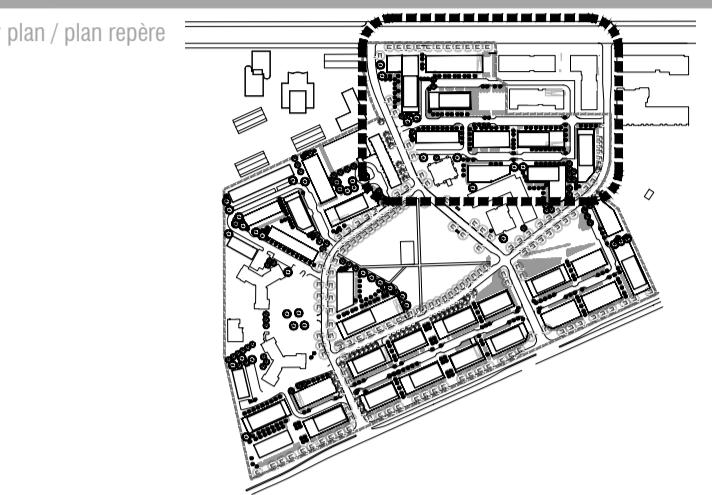
IMPORTANT NOTICE FOR CONTRACTOR:

THE CITY OF OTTAWA REQUIRES A CERTIFICATE OF COMPLETION (F1) LANDSCAPE WORKS TO BE SUBMITTED AND SEALED BY THE LANDSCAPE ARCHITECT. CONTRACTORS ARE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE REQUIREMENTS OF THIS PROCESS AND PROVIDING SUFFICIENT NOTICE TO THE LANDSCAPE ARCHITECT TO CONDUCT SITE REVIEWS DURING INSTALLATION OF TREES. THE 1 YEAR WARRANTY PERIOD SHALL NOT COMMENCE UNTIL THE LANDSCAPE ARCHITECT HAS SUBMITTED THE F1 CERTIFICATE.

PRIOR TO INSTALLATION OF TREES, THE DEVELOPER WILL CONTACT THE PLANNING AND GROWTH MANAGEMENT AND FORESTRY SERVICES TO REVIEW THE SPECIES AND LOCATION OF TREES.

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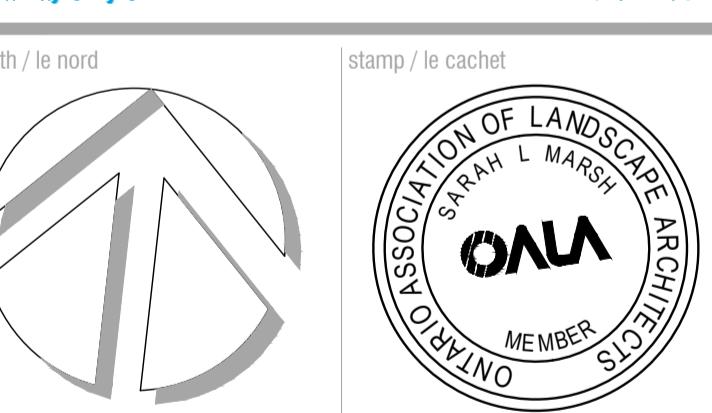
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03	Reissued for ZBA & DPOS	2025/11/04
02	issue for ZBA & DPOS	2025/07/15
01	issue for coordination	2025/06/03
00	issue for client review	2025/05/26

revn description / la description yyyy/mm/dd

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HERON GATE MASTERPLAN

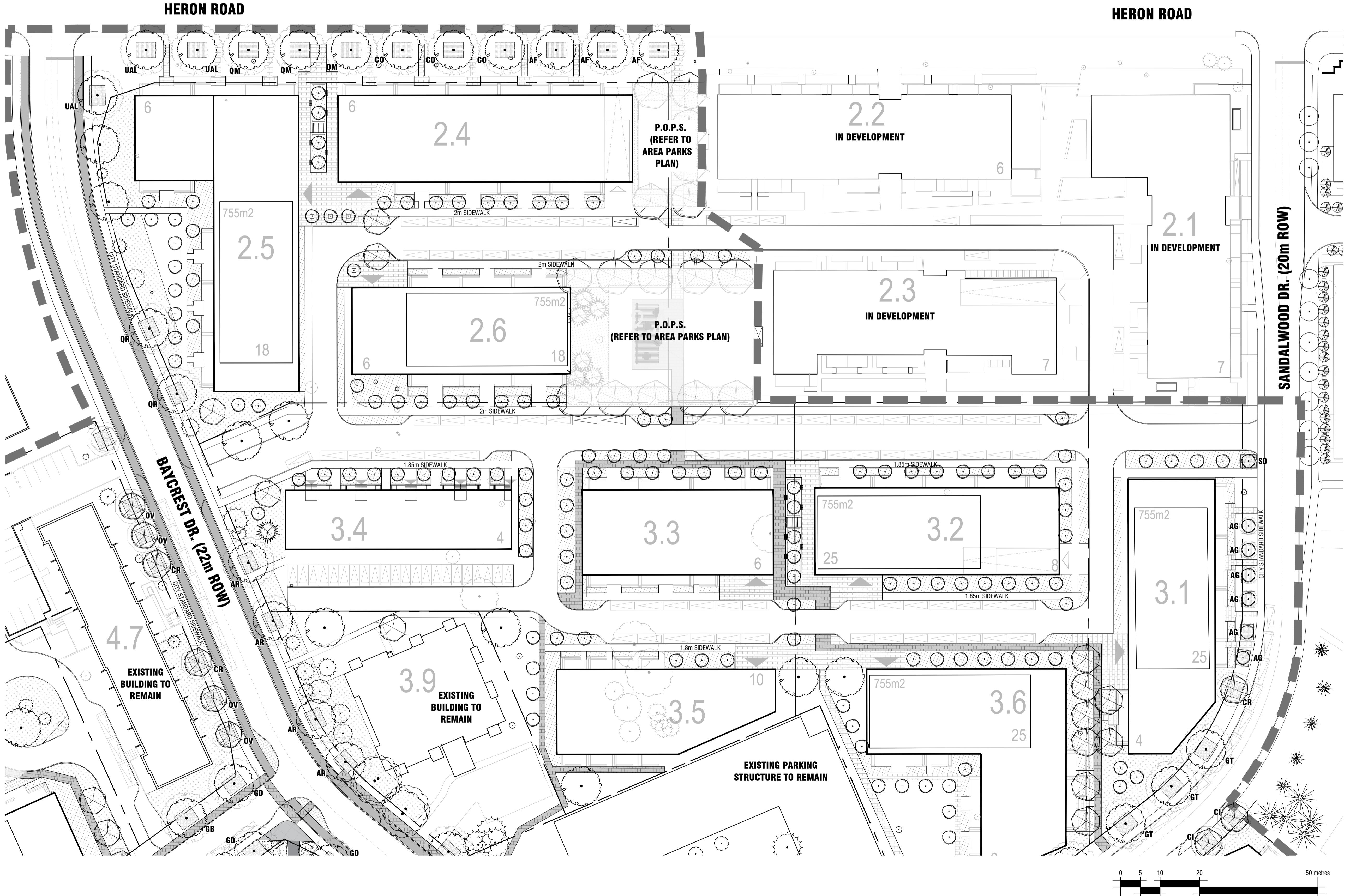
drawing / dessin

LANDSCAPE PLAN

designed / concu
EM / SM / DF / SP
drawn / dessiné
EM / SM / DF / SP
reviewed / examiné
SM / DF
date
May 2025
project number / No. du projet

drawing number / No. du dessin

L1



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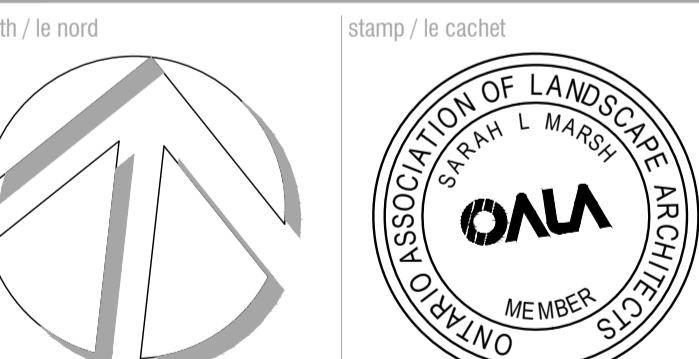
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The image shows a detailed architectural site plan of the Château de Versailles. The plan includes various buildings, courtyards, and paths. A prominent feature is a large, irregularly shaped area in the center-right, which is enclosed by a dashed black line. This dashed line forms a roughly rectangular shape that covers a significant portion of the central and southern parts of the site. The plan is oriented with the top left corner labeled 'plan / plan repère'.

	LIMIT OF APPLICATION
	PROPOSED PROPERTY LINES
	EXISTING TREES TO REMAIN
	EXISTING TREES TO BE REMOVED - REFER TO TREE CONSERVATION REPORT
	PROPOSED DECIDUOUS AND CONIFEROUS TREES - REFER TO L5 FOR SPECIES LIST
	PROJECTED CANOPY AT 40 YEARS
	REQUIRED SOIL VOLUME ASSUMING 1.5m DEPTH (CONCEPTUAL)
	UNIT PAVER
	SPECIALTY PAVING AT WALKING LOOP
	CIP CONCRETE
	ASPHALT
	OPPORTUNITY FOR NATURALIZED OR L.I.D. PLANTING ZONES
	PLANTING BEDS
	MULCH
	DESTINATIONS ALONG WALKING LOOP

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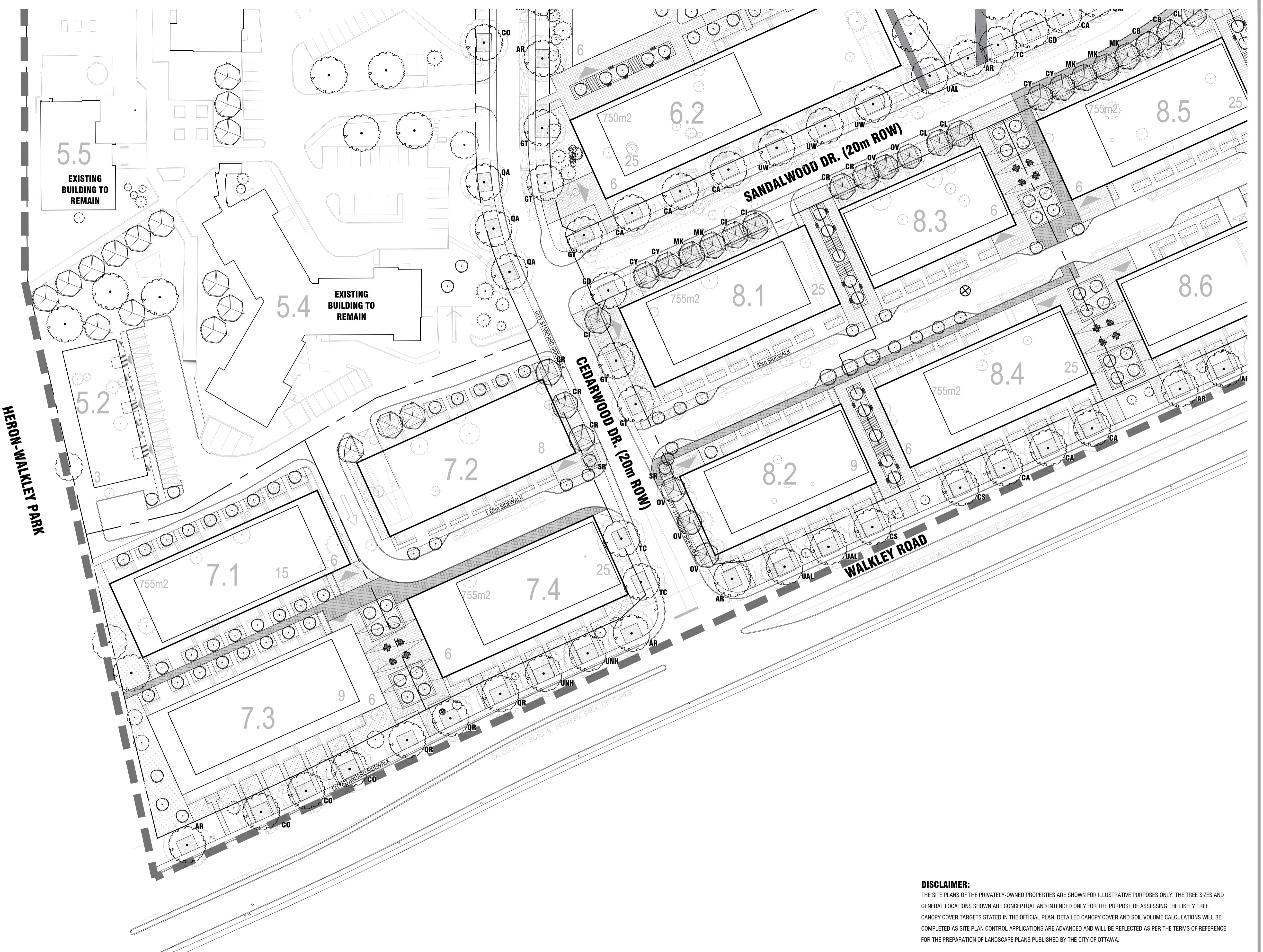


HEBON GATE MASTERPLAN

LANDSCAPE PLAN

signed / conçu M / SM / DF / SP	drawn / dessiné EM / SM / DF / SP	reviewed / examiné SM / DF
date May 2025	project number / No. du projet	
drawing number / No. du dessin		

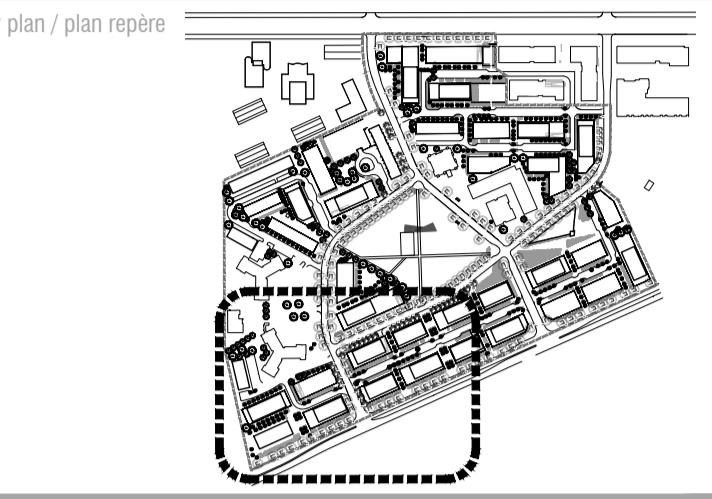
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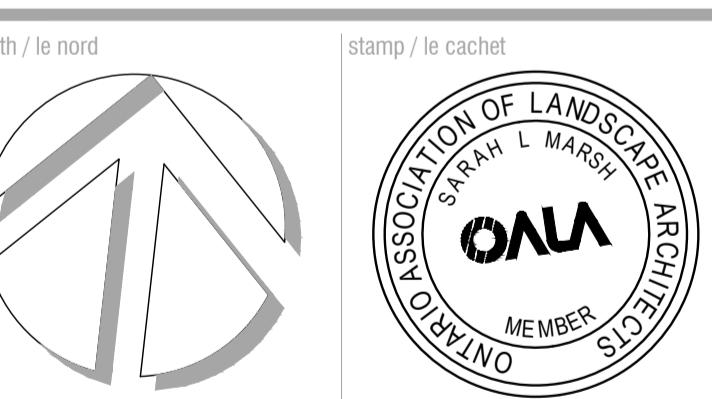


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HERON GATE MASTERPLAN

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LANDSCAPE PLAN

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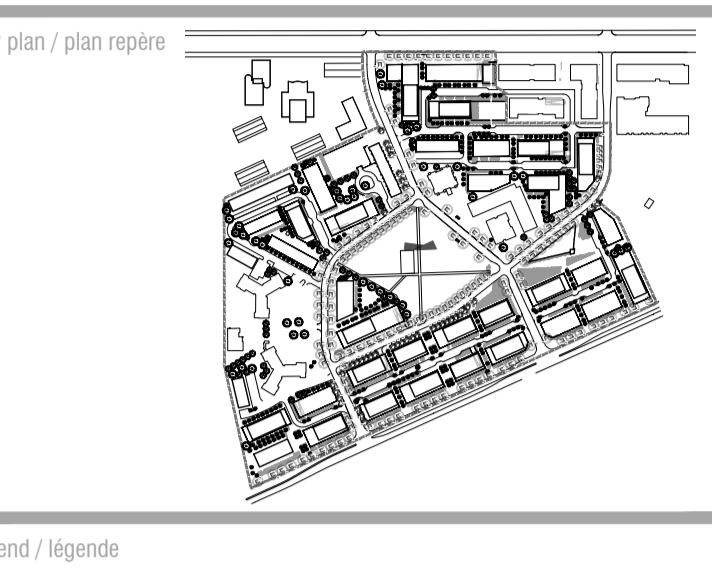
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L4



ROW PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE / CONDITION / SPACING	NATIVE
LARGE DECIDUOUS TREES					
AR	20	Acer rubrum	Red Maple	70mm cal. / W.B.	Native
AF	11	Acer saccharinum	Freeman Maple	70mm cal. / W.B.	Native
CC	5	Carica concolor	Bitternut Hickory	70mm cal. / W.B.	Native
CA	7	Carya ovata	Shagbark Hickory	70mm cal. / W.B.	Native
CS	4	Catalpa speciosa	Northern Catalpa	70mm cal. / W.B.	Non-Native
CO	11	Celtis occidentalis	Common Hackberry	70mm cal. / W.B.	Native
GB	3	Ginkgo biloba 'Autumn Gold'	Autumn Gold Maidenhair Tree	70mm cal. / W.B.	Non-Native
GT	9	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Honey Locust	70mm cal. / W.B.	Native
GD	10	Gymnocladus dioicus	Kentucky Coffeee	70mm cal. / W.B.	Native
QA	4	Quercus alba	White Oak	70mm cal. / W.B.	Native
QM	13	Quercus macrocarpa	Burr Oak	70mm cal. / W.B.	Native
QR	9	Quercus rubra	Red Oak	70mm cal. / W.B.	Native
TA	3	Tilia americana	American Linden	70mm cal. / W.B.	Native
TC	11	Tilia cordata	Littleleaf Linden	70mm cal. / W.B.	Native
UNH	4	Ulmus americana 'New Harmony'	New Harmony American Elm	70mm cal. / W.B.	Native
UAL	15	Ulmus americana 'Liberty'	Liberty American Elm	70mm cal. / W.B.	Native
UW	3	Ulmus wilsoniana 'Prospector'	Prospector Elm	70mm cal. / W.B.	Non-Native
MEDIUM DECIDUOUS TREES					
CB	2	Carpinus betulus	European Hornbeam	60mm cal. / W.B.	Non-Native
CR	8	Carpinus caroliniana	American Hornbeam	60mm cal. / W.B.	Native
CL	5	Cladocleis lutea	American Yellowwood	60mm cal. / W.B.	Non-Native
CY	4	Corylus colurna	Turkish Hazel	60mm cal. / W.B.	Non-Native
CI	6	Crataegus crusgalli inermis	Thornless Cockspur Hawthorn	60mm cal. / W.B.	Native
MK	5	Maackia amurensis	Amur Maackia	60mm cal. / W.B.	Non-Native
OV	9	Ostrya virginiana	Ironwood (American Hop hornbeam)	60mm cal. / W.B.	Native
SMALL DECIDUOUS TREES					
AG	6	Amelanchier x grandiflora 'Ballerina'	Ballerina Apple Serviceberry	50mm cal. / W.B. (single stem, tree form)	Native
CMT	1	Crataegus x mordenensis 'Toba'	Toba Hawthorn	50mm cal. / W.B.	Non-Native
SD	2	Sorbus decora	Showy Mountain Ash	50mm cal. / W.B.	Native
SR	2	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	50mm cal. / W.B. (single stem, tree form)	Non-Native

PRIVately OWNED TREE SPECIES LIST

LARGE DECIDUOUS TREES

Acer rubrum / Red Maple
Acer saccharinum / Sugar Maple
Acer freemanii / Freeman Maple
Aesculus hippocastanum / European Horsechestnut
Carya cordiformis / Bitternut Hickory
Carya ovata / Shagbark Hickory
Catalpa speciosa / Northern Catalpa
Celtis occidentalis / Common Hackberry
Ginkgo biloba 'Autumn Gold' / Autumn Gold Maidenhair Tree
Gleditsia triacanthos inermis 'Shademaster' / Shademaster Honey Locust
Gymnocladus dioicus / Kentucky Coffeee
Quercus alba / White Oak
Quercus macrocarpa / Burr Oak
Quercus rubra / Red Oak
Tilia americana / American Linden
Tilia cordata / Littleleaf Linden
Ulmus americana 'Liberty' / Liberty American Elm
Ulmus americana 'Prospector' / Princeton American Elm
Ulmus americana 'New Harmony' / New Harmony American Elm
Ulmus wilsoniana 'Prospector' / Prospector Elm
Ulmus x Morton Glossy 'Triumph' Elm
Ulmus x Pioneer / Pioneer Elm

MEDIUM DECIDUOUS TREES

Carpinus betulus / European Hornbeam
Cladocleis lutea / American Yellowwood
Corylus colurna / Turkish Hazel
Crataegus crusgalli inermis / Thornless Cockspur Hawthorn
Fagus sylvatica 'Tricolor' / Tricolor European Beech
Maackia amurensis / Amur Maackia
Ostrya virginiana / Ironwood (American Hop hornbeam)
Phellodendron amurense 'Mache' / Seedless Amur Cork Tree
Sorbus americana / American Mountain Ash

SMALL DECIDUOUS TREES

Acer latifolium ginnala / Amur Maple
Amelanchier x grandiflora 'Ballerina' / Ballerina Apple Serviceberry
Crataegus x mordenensis 'Snowbird' / Snowbird Hawthorn
Crataegus x mordenensis 'Toba' / Toba Hawthorn
Malus x 'Jamar' / Marlié Crabapple
Malus x 'Snowdrift' / Snowdrift Crabapple
Pyrus ussuriensis 'Morak' / Prairie Gem® Ussurian Pear
Sorbus decora / Showy Mountain Ash
Sorbus x thunbergi 'Fastigata' / Oakleaf Mountain Ash
Syringa reticulata 'Ivory Silk' / Ivory Silk Japanese Tree Lilac

LARGE CONIFEROUS TREES

Abies balsamea / Balsam Fir
Larix laricina / Tamarack
Picea abies / Norway Spruce
Picea glauca / White Spruce
Picea omorika / Serbian Spruce
Picea pungens / Colorado Spruce
Pinus nigra / Austrian Pine
Pinus resinosa / Red Pine
Pinus strobus / White Pine
Tsuga canadensis / Canadian Hemlock (Eastern Hemlock)

MEDIUM CONIFEROUS TREES

Thuja occidentalis / Eastern White Cedar

PROPOSED TREE CANOPY PROJECTIONS (40 YEAR) & SOIL VOLUME REQUIREMENTS

CANOPY PROJECTIONS (NTS)	AVERAGE CROWN AREA PER TREE (m ²)	SOIL VOLUME REQUIREMENT*	CONTINUOUS SPACE SOIL VOLUME (i.e. 2 TREES/1 GREENSPACE)
SMALL DECIDUOUS TREE (AVG. CANOPY DIAMETER = 4.5m)	16m ²	3650mm 20m ³ 3650mm	2500mm 30m ³ 8000mm
MEDIUM DECIDUOUS TREE (AVG. CANOPY DIAMETER = 8.5m)	57m ²	4100mm 25m ³ 4100mm	2500mm 30m ³ 8000mm
LARGE DECIDUOUS TREE (AVG. CANOPY DIAMETER = 10m)	176m ²	5000mm 30m ³ 4000mm	2400mm 36m ³ 10000mm
LARGE CONIFEROUS TREES (AVG. CANOPY DIAMETER = 6m)	6.5m ²	4100mm 25m ³ 4100mm	2500mm 30m ³ 8000mm

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NOTES:

- PROJECTED CANOPY DIAMETERS AND AREAS ARE BASED ON AN AVERAGE OF THE TREES PROPOSED FOR THE SITE.
- CANOPY CALCULATION INCLUDES EXISTING TREES BASED ON THEIR MAXIMUM GROWTH POTENTIAL.
- CANOPY CALCULATION DOES NOT ACCOUNT FOR EXISTING TREE CANOPY ON ADJACENT SITES.
- *SOIL VOLUME REQUIREMENT IS BASED ON THE CAMBILUS INC. GEOTECHNICAL INVESTIGATION 'Heron Gate Village Subdivision Reference # 22801-001 dated June 2, 2025 AND THE CITY OF OTTAWA'S 'Tree Planting in Sensitive Marine Clay Soils - 2017 Guidelines' DRAFT Version 2.0 DATED JANUARY 11, 2019 WHICH CALCULATES SOIL VOLUME USING A DEPTH OF 1.5m
- THE GEOTECHNICAL REPORT INDICATES THE SOILS WITHIN THE STUDY AREA ARE LOW PLASTICITY CLAY WITH A PLASTICITY INDEX OF 7.8%. NO SPECIFIC TREE PLANTING SETBACKS NOTED IN THE GEOTECHNICAL REPORT.

TOTAL CANOPY COVERAGE PERCENTAGES

Block	Row	Park	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8	Block 9	Site Total:
%	54.1%	51.8%	23.2%	19.6%	20.6%	15.3%	43.4%	16.9%	14.1%	20.9%	28.0%

CALCULATIONS BY BLOCK

Block: Row		
Site Size (m ²): 46795		
CANOPY PROJECTIONS	QTY	TOTAL TREE CANOPY COVERAGE (m ²)
SMALL	9	144
MEDIUM	40	2,280
LARGE	145	22,185
CONIFERS	25	700
Site Canopy Coverage		25,309
Total Percent Coverage		54.1%

Block: Park Block		
Site Size (m ²): 15267		
CANOPY PROJECTIONS	QTY	TOTAL TREE CANOPY COVERAGE (m ²)
SMALL	3	48
MEDIUM	2	114
LARGE	42	6,426
CONIFERS	47	1,316
Site Canopy Coverage		7,904
Total Percent Coverage		51.8%

Block: Block 2 (2.4-2.6)		
Site Size (m ²): 12585		
CANOPY PROJECTIONS	QTY	TOTAL TREE CANOPY COVERAGE (m ²)
SMALL	44	704
MEDIUM	19	1,083
LARGE	5	765
CONIFERS	13	364
Site Canopy Coverage		2,916
Total Percent Coverage		23.2%

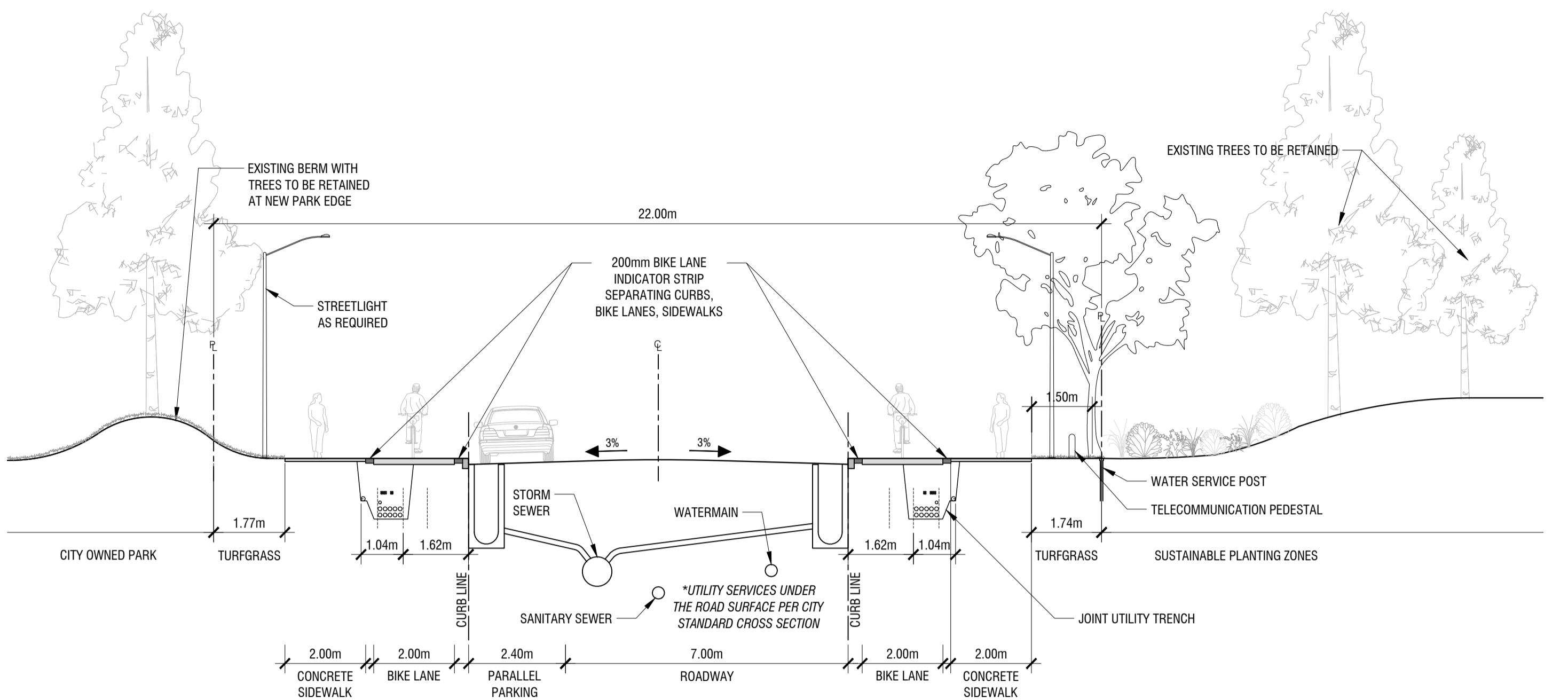
Block: Block 3		
Site Size (m²): 31818		
CANOPY PROJECTIONS	QTY	TOTAL TREE CANOPY COVERAGE (m²)

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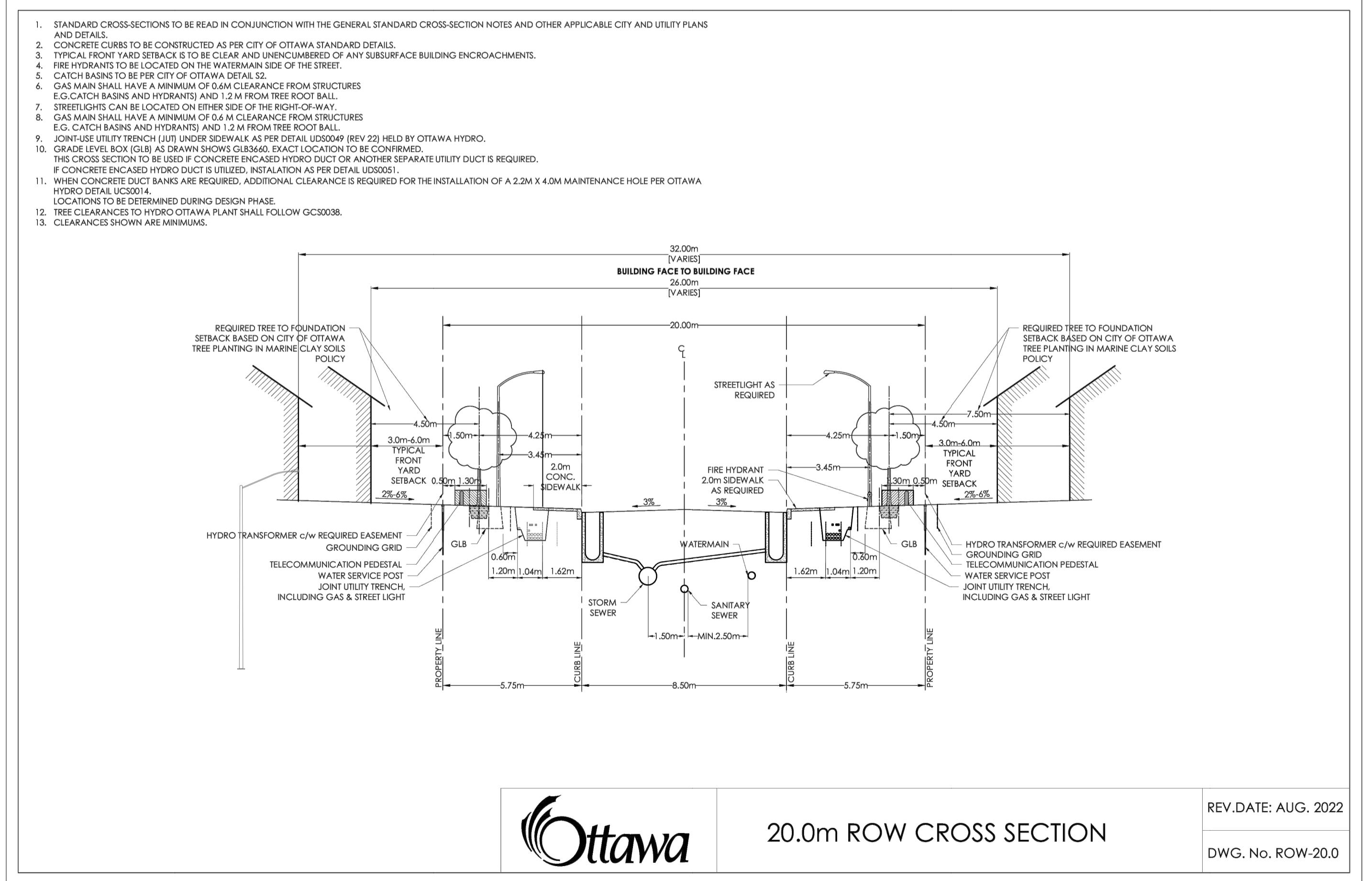


key plan / plan repère

legend / légende

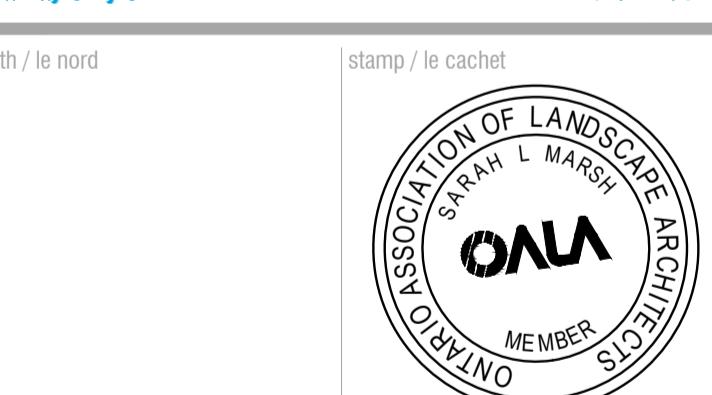


**1 L6 CONCEPTUAL ALTERNATE 22m RIGHT OF WAY SECTION - BAYCREST DR.
n.t.s.**



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HERON GATE MASTERPLAN

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L6

