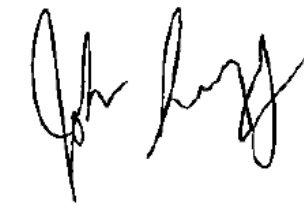


PLANT LIST						
KEY	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS	OWNER
DECIDUOUS TREES - LARGE (15-30M HEIGHT): TOTAL 56 (PRIVATELY OWNED)						
AR	ACER RUBRUM	RED MAPLE	9	50mm	B&B	Y PRIVATE
CC	CARYA CORDIFORMIS	BITTERNUT HICKORY	8	50mm	B&B	Y PRIVATE
GD	GYMNOCLADUS DIOICUS	KENTUCKY COFFEE TREE	7	50mm	B&B	Y PRIVATE
GT	GLEDTISIA TRICANTHOS VAR. INERMIS 'HALKA'	HALKA HONEY LOCUST	2	50mm	B&B	Y PRIVATE
LT	LIRIODENDRON TULIPIFERA	TULIP TREE	7	50mm	B&B	Y PRIVATE
PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	8	50mm	B&B	Y PRIVATE
QP	QUERCUS PALUSTRIS	PIN OAK	4	50mm	B&B	Y PRIVATE
QR	QUERCUS RUBRA	RED OAK	6	50mm	B&B	Y PRIVATE
UA	ULMUS AMERICANA	VALLEY FORGE ELM	5	50mm	B&B	Y PRIVATE
DECIDUOUS TREES - MEDIUM (8-14M HEIGHT): TOTAL 35 (PRIVATELY OWNED)						
AG	AESCULUS GLABRA	OHIO BUCKEYE	8	50mm	B&B	Y PRIVATE
ARR	ACER RUBRUM 'REDPOINTE'	REDPOINTE RED MAPLE	2	50mm	B&B	Y PRIVATE
CCA	CARPINUS CAROLINIANA	BLUE BEECH	3	50mm	B&B	Y PRIVATE
MR	MORUS RUBRA	RED MULBERRY	7	50mm	B&B	Y PRIVATE

OV	Ostrya virginiana	IRONWOOD	9	50mm	B&B	Y	PRIVATE
QO	Quercus prinus	CHESTNUT OAK	6	50mm	B&B	Y	PRIVATE
DECIDUOUS TREES - SMALL (6-8M HEIGHT): TOTAL 4 (PRIVATELY OWNED)							
CCI	Crataegus crusgali 'Inermis'	THORNLESS HAWTHORN	4	250cm 15 GAL	PT, TREE FORM	Y	PRIVATE
MULTI-STEM SHRUBS: TOTAL 112 (PRIVATELY OWNED)							
Ac	Amelanchier canadensis	SERVICEBERRY	18	125cm ht.	PT, CLUMP	Y	PRIVATE
Al	Amelanchier laevis	ALLEGHENY SERVICEBERRY	20	125cm ht.	PT, CLUMP	Y	PRIVATE
Ca	Cornus alternifolia	PAGODA DOGWOOD	20	125cm ht.	PT, CLUMP	Y	PRIVATE
Hv	Hamamelis virginiana	WITCHHAZEL	19	125cm ht.	PT, CLUMP	Y	PRIVATE
Vd	Viburnum dentatum	ARROWOOD VIBURNUM	17	125cm ht.	PT, CLUMP	Y	PRIVATE
VI	Viburnum lentago	NANNYBERRY	18	125cm ht.	PT, CLUMP	Y	PRIVATE
CONIFEROUS SHRUBS: TOTAL 102 (PRIVATELY OWNED)							
Js	Juniperus scopulorum 'Wichita Blue'	WITCHITA BLUE JUNIPER	35	3 GAL	POT	Y	PRIVATE
Tc	Taxus canadensis	CANADIAN YEW	67	3 GAL	POT	Y	PRIVATE
DECIDUOUS SHRUBS : TOTAL 590 (PRIVATELY OWNED)							
Am	Aronia melanocarpa	BLACK CHOKEBERRY	294	3 GAL	POT	Y	PRIVATE
Sa	Symphoricarpos albus	SNOWBERRY	161	3 GAL	POT	Y	PRIVATE

Po	Physocarpus opulifolius 'Diabolo'	'DIABOLO' NINEBARK	135	3 GAL	POT	Y	PRIVATE
ORNAMENTAL GRASSES: TOTAL 1510 (PRIVATELY OWNED)							
cl	Chasmanthium latifolium	NORTHERN SEA OATS	406	7 GAL	POT	Y	PRIVATE
dc	Deschampsia cespitosa	TUFTED HAIR GRASS	338	7 GAL	POT	Y	PRIVATE
bg	Bouteloua gracilis	BLUE GRAMA	195	7 GAL	POT	Y	PRIVATE
sh	Sporobolus heterolepis	PRARIE DROPSEED	377	7 GAL	POT	Y	PRIVATE
ss	Schizachyrium scoparium	LITTLE BLUESTEM	194	7 GAL	POT	Y	PRIVATE

  
**JOHN SEVIGNY C.E.T.**  
**MANAGER (A), DEVELOPMENT REVIEW EAST**  
**PLANNING, DEVELOPMENT & BUILDING SERVICES**  
**DEPARTMENT, CITY OF OTTAWA**

**APPROVED**  
By sevignyo at 12:24 pm, Sep 11, 2025

GENERAL NOTES:










- ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK UNLESS OTHERWISE NOTED.
- TREES TO HAVE A MINIMUM 1800 CLEAR STEM ABOVE GRADE.
- CONTRACTOR TO MAKE GOOD ALL EXISTING AREAS DAMAGED BY HIS WORK TO THE SATISFACTION OF THE CONTRACTOR.
- ALL PLANT MATERIAL SHALL BE WARRANTIED FOR TWO YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION.
- CONTRACTOR TO VERIFY LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE AND ONLY AFTER APPROVAL OF THE LANDSCAPE ARCHITECT.

TREE PLANTING IN MARINE CLAY SOILS

THE LANDSCAPE CONSIDERATIONS CONTAINED WITHIN SEC. 6.8 OF PATERSON GROUP'S GEOTECHNICAL INVESTIGATION, DATED MAY 28, 2025.

- THIS LANDSCAPE PLAN CONFORMS WITH THE TREE-TO-FOUNDATION SETBACK, SOIL VOLUME, AND SURFACE-GRADING REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017), BASED ON THE FINDINGS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT BY PATERSON GROUP (REPORT PG6152-1 REV 5 DATED MAY, 2025).
- ADDITIONAL REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017), INCLUDING USF DEPTH, FOUNDATION WALL REINFORCEMENT, AND SUBDIVISION GRADING, SHOULD BE CONFIRMED BY THE PROJECT ENGINEER(S).

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

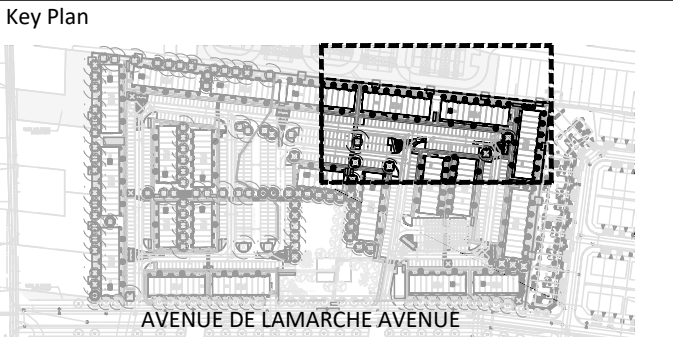
	SINGLE	MULTIPLE	CLAY SOILS
SMALL			
MEDIUM/ CONIFER			
LARGE			









\*SOIL VOLUME CALCULATION BASED ON 1.0m DEPTH






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
LARGE (56)	135-250*	192	CANOPY (W. OVERLAP): 7,084m²
MEDIUM (35)	35-135*	85	
SMALL (4)	5-35*	20	





PROPOSED STREET TREE PROJECTED CANOPY		CANOPY (W. OVERLAP): 610m²
PROPOSED STREET TREE CANOPY (BY OTHERS), m² CALCULATION BASED ON PROPOSED TREE SPECIES PROJECTIONS		
**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 ABSTRACTUM, VARIOUS PUBLICATIONS		
***NOTE: SITE AREA AND TREE COUNTS DO NOT INCLUDE PARK BLOCK.		



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.



LEGEND	
---	PROPERTY LINE
---	GEOTECHNICAL FOUNDATION SETBACK (4.5m)
FENCING	
---	WASTE ENCLOSURE FENCE
---	WOOD PRIVACY FENCE
PLANTING	
	LARGE DECIDUOUS TREE
	MEDIUM DECIDUOUS TREE
	SMALL DECIDUOUS TREE
	TREE CANOPY PROJECTION
	TREE FORM SHRUB
	DECIDUOUS/CONIFEROUS SHRUBS
	GRASSES/PERENNIALS
	SODDING

PAVING	
	ASPHALT PAVING
	CIP CONCRETE PAVING
	HEAVY DUTY CONCRETE PAVING
	RIVERSTONE PAVING
	UNIT PAVING

PLANTING KEY	
	TREE SPECIES
	QUANTITY
	SHRUB SPECIES
	QUANTITY

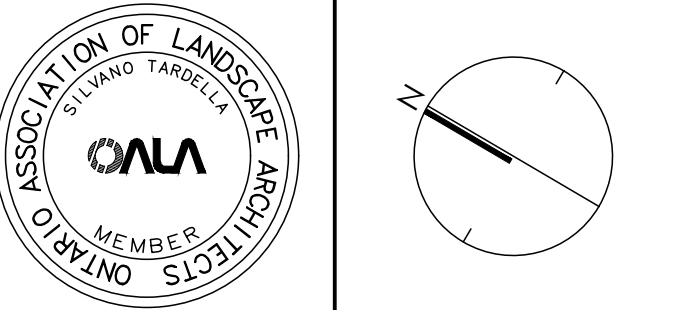
DETAIL KEY	
	DETAIL NO.
	SHEET NO.

8	Re-issued for Third Submission	July 21/25
7	Re-issued for Third Submission	July 3/25
6	Re-issued for Third Submission	June 16/25
5	Issued for Third Submission	May 28/25
4	Issued for Second Submission	Apr.01/25
3	Issued for Revised First Submission	Dec.17/24
1	Issued for First Submission	Sept.03/24
No.	Description	Date

Revision  
City Approval Stamp

CLIENT  
CAIVAN (ORLEANS VILLAGE 2) LTD.

PROPERTY INFORMATION  
PIN 04404-1854 (LT), 04404-1880 (LT), 04404-1882 (LT) and Part of PIN 04404-1855 (LT), being Blocks 147, 173, 175 and Part of Block 148, Registered Plan 4M-1629



**NAK**  
design strategies  
1285 WELLINGTON STREET, OTTAWA, ON K1Y 3A8 CANADA  
T 416.237.2345  
Project

ORLEANS VILLAGE PHASE 4  
245 & 275 LAMARCHE AVE., OTTAWA, ON

Title  
LANDSCAPE PLAN

Date 2024-08-12  
Scale 1:250  
Drawn SW  
Checked SC  
Job No. 22-145

L02

SITE PLAN FILE N° D07-12-24-0103  
ZBLA FILE N° D02-02-24-0049

ENGINEERING FILE N° 19046