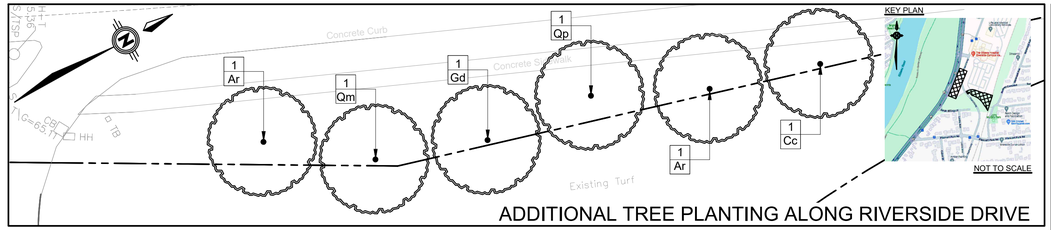
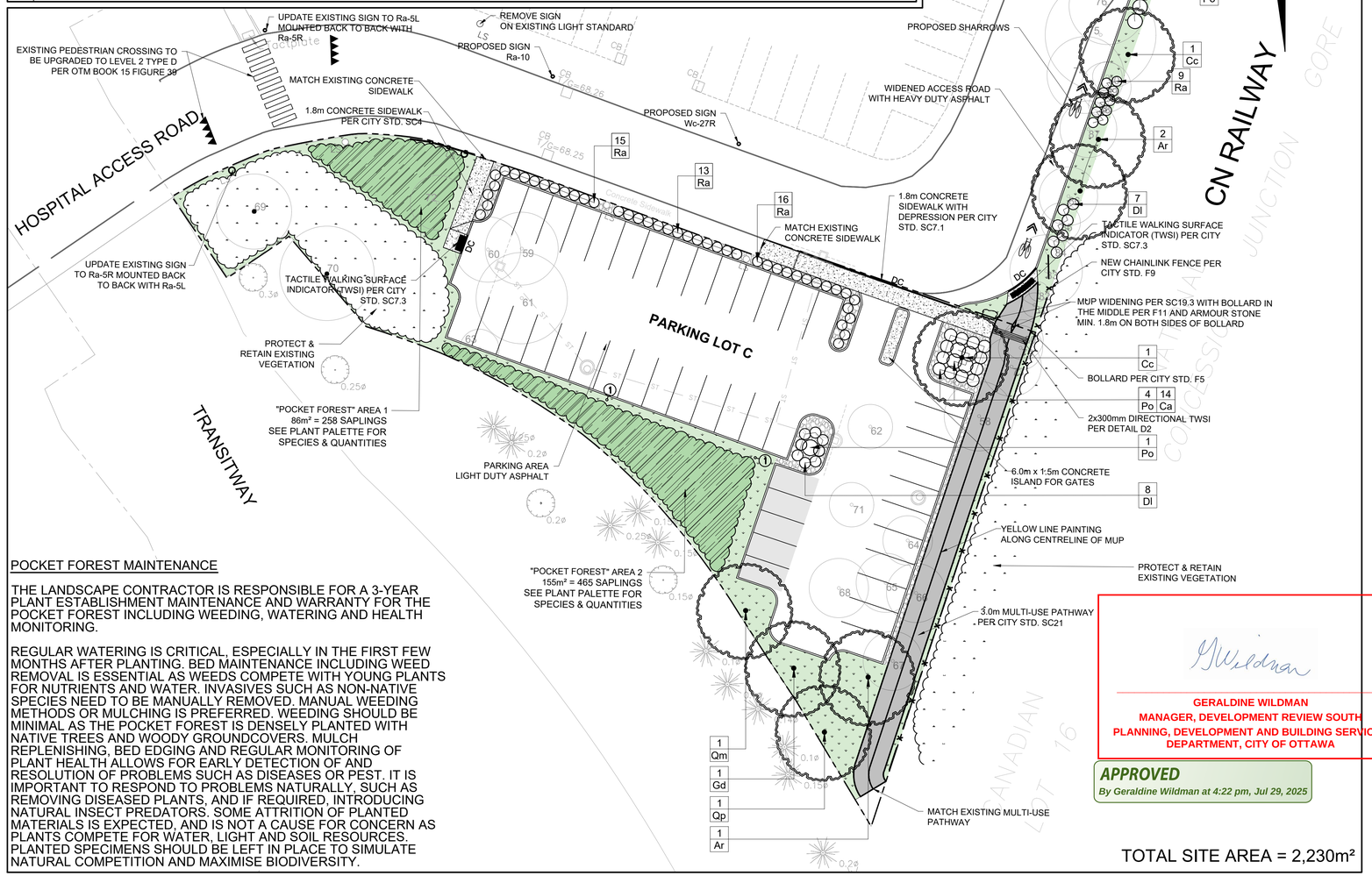


ADDITIONAL TREE PLANTING ALONG RIVERSIDE DRIVE



GERALDINE WILDMAN
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, DEVELOPMENT AND BUILDING SERVICES DEPARTMENT, CITY OF OTTAWA

APPROVED
By Geraldine Wildman at 4:22 pm, Jul 29, 2025

TOTAL SITE AREA = 2,230m²

POCKET FOREST MAINTENANCE

THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR A 3-YEAR PLANT ESTABLISHMENT MAINTENANCE AND WARRANTY FOR THE POCKET FOREST INCLUDING WEEDING, WATERING AND HEALTH MONITORING.

REGULAR WATERING IS CRITICAL, ESPECIALLY IN THE FIRST FEW MONTHS AFTER PLANTING. BED MAINTENANCE INCLUDING WEED REMOVAL IS ESSENTIAL AS WEEDS COMPETE WITH YOUNG PLANTS FOR NUTRIENTS AND WATER. INVASIVES SUCH AS NON-NATIVE SPECIES NEED TO BE MANUALLY REMOVED. MANUAL WEEDING METHODS OR MULCHING IS PREFERRED. WEEDING SHOULD BE MINIMAL AS THE POCKET FOREST IS DENSELY PLANTED WITH NATIVE TREES AND WOODY GROUNDCOVERS. MULCH REPLENISHING, BED EDGING AND REGULAR MONITORING OF PLANT HEALTH ALLOWS FOR EARLY DETECTION OF AND RESOLUTION OF PROBLEMS SUCH AS DISEASES OR PEST. IT IS IMPORTANT TO RESPOND TO PROBLEMS NATURALLY, SUCH AS REMOVING DISEASED PLANTS, AND IF REQUIRED, INTRODUCING NATURAL INSECT PREDATORS. SOME ATTRITION OF PLANTED MATERIALS IS EXPECTED, AND IS NOT A CAUSE FOR CONCERN AS PLANTS COMPETE FOR WATER, LIGHT AND SOIL RESOURCES. PLANTED SPECIMENS SHOULD BE LEFT IN PLACE TO SIMULATE NATURAL COMPETITION AND MAXIMISE BIODIVERSITY.

L-1 TOH - PROPOSED PLANT LIST PARKING LOT C

KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL/ HT.	NATIVE	OWNERSHIP	CONDITION/REMARKS
DECIDUOUS TREES							
Ar	5	*Acer rubrum*	Red Maple	50 mm	Yes	3 Private/2 City ROW	W/B - Tree Form
Cc	3	*Celtis occidentalis*	Hackberry	50 mm	Yes	2 Private/1 City ROW	W/B - Tree Form
Gd	2	*Gymnocladus dioica*	Kentucky Coffeetree	50 mm	Yes	1 Private/1 City ROW	W/B - Tree Form
Qm	3	*Quercus macrocarpa*	Burr Oak	50 mm	Yes	2 Private/1 City ROW	W/B - Tree Form
Qp	2	*Quercus palustris*	Pin Oak	50 mm	Yes	1 Private/1 City ROW	W/B - Tree Form
SHRUBS							
Ca	14	*Ceanothus americanus*	New Jersey Tea	30 cm Ht.	Yes	Private	Container
Dl	15	*Diervilla lonicera*	Bush Honeysuckle	30 cm Ht.	Yes	Private	Container
Po	10	*Physocarpus opulifolius*	Common Ninebark	50 cm Ht.	Yes	Private	Container
Ra	53	*Rhus aromatica 'Gro-Low'*	Gro-Low Fragrant Sumac	30 cm Ht.	Yes	Private	Container

TOTAL PRIVATE OWNERSHIP TREES: 9 **TOTAL PUBLIC OWNERSHIP TREES:** 6

PLANTING NOTES

1. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.

2. LOCATION OF ALL PLANT MATERIAL TO BE STAKED BY THE CONTRACTOR AND VERIFIED IN THE FIELD BY THE PROJECT MANAGER PRIOR TO THE EXCAVATION OF TREE PITS AND PLANTING BEDS.

3. ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK UNLESS OTHERWISE NOTED.

4. DECIDUOUS TREES TO HAVE A MINIMUM 1800 CLEAR STEM ABOVE GRADE WITH THE EXCEPTION OF POCKET FOREST SAPLINGS.

5. ALL PLANT MATERIAL SHALL BE WARRANTIED FOR TWO YEARS FROM THE DATE OF PERFORMANCE ACCEPTANCE AS DETERMINED BY THE PROJECT MANAGER.

6. ANY PROPOSED PLANT MATERIAL SUBSTITUTIONS SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, HABIT, FLOWER, LEAF, COLOUR AND CULTURE AND ONLY AFTER WRITTEN APPROVAL FROM THE PROJECT MANAGER.

7. ALL SEEDED AREAS TO RECEIVE A MINIMUM 100 mm OF IMPORTED TOPSOIL.

8. REFER TO ENGINEERING DRAWINGS FOR ALL HARDSCAPE AND SERVICING.

9. TREES TO BE SPACED A MINIMUM OF 1500mm FROM CURBS AND RETAINING WALLS & 2000mm FROM LIGHT STANDARDS.

LEGEND:

- PROPERTY LINE
- SITE AREA BOUNDARY
- EXISTING TREE (REFER TO TCR)
- PROPOSED DECIDUOUS TREE
- PROPOSED POCKET FOREST PLANTING
- PROPOSED SHRUB
- EXISTING LIGHT STANDARD
- PROPOSED STORM SEWER, MAINTENANCE HOLES, AND CATCH BASINS (SEE SITE SERVICING PLAN)
- PROPOSED LIGHT STANDARD
- PROPOSED CONCRETE
- PROPOSED MULTI-USE PATHWAY
- PROPOSED TURF AREA
- PROPOSED RIVER ROCK MULCH
- PROPOSED CHAINLINK FENCE PER CITY STD. F9

LOT C PROPOSED PLANT LIST - POCKET FOREST AREA 1

KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL/ HT.
CANOPY TREES				
	12	*Acer saccharum*	Sugar Maple	2 gal. pot
	12	*Celtis occidentalis*	Northern Hackberry	2 gal. pot
	12	*Pinus glauca*	White Spruce	2 gal. pot
	12	*Quercus macrocarpa*	Burr Oak	2 gal. pot
	12	*Quercus rubra*	Red Oak	2 gal. pot
	11	*Tilia americana*	Basswood	2 gal. pot
	11	*Tsuga canadensis*	Eastern Hemlock	2 gal. pot
SUBCANOPY TREES				
	11	*Amelanchier canadensis*	Serviceberry	2 gal. pot
	11	*Betula papyrifera*	Paper Birch	1 gal. pot
	11	*Cercis canadensis*	Eastern Redbud	1 gal. pot
	11	*Ostrya virginiana*	Ironwood	1 gal. pot
	11	*Prunus virginiana*	Chokecherry	1 gal. pot
	11	*Sorbus americana*	American Mountain Ash	2 gal. pot
UNDERSTORY				
	11	*Cornus sericea*	Red Osier Dogwood	1 gal. pot
	11	*Hamamelis virginiana*	Witch Hazel	1 gal. pot
	11	*Lindera benzoin*	Northern Spicebush	Plug
	11	*Physocarpus opulifolius*	Ninebark	1 gal. pot
	11	*Sambucus canadensis*	Common Elderberry	1 gal. pot
	11	*Taxus canadensis*	Canada Yew	1 gal. pot
WOODY GROUNDCOVERS/SHRUBS				
	11	*Vaccinium angustifolium*	Lowbush Blueberry	Plug
	11	*Ceanothus americanus*	New Jersey Tea	Plug
	11	*Juniperus horizontalis*	Creeping Juniper	Plug
	11	*Rhus aromatica*	Fragrant Sumac	Plug

LOT C PROPOSED PLANT LIST - POCKET FOREST AREA 2

KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL/ HT.
CANOPY TREES				
	25	*Celtis occidentalis*	Northern Hackberry	2 gal. pot
	25	*Fagus grandifolia*	American Beech	2 gal. pot
	25	*Pinus strobus*	White Pine	2 gal. pot
	25	*Quercus macrocarpa*	Burr Oak	2 gal. pot
	25	*Tilia americana*	Basswood	2 gal. pot
	25	*Tsuga canadensis*	Eastern Hemlock	2 gal. pot
SUBCANOPY TREES				
	25	*Acer rubrum*	Red Maple	2 gal. pot
	25	*Amelanchier canadensis*	Serviceberry	2 gal. pot
	25	*Ostrya virginiana*	Ironwood	1 gal. pot
	24	*Prunus virginiana*	Chokecherry	1 gal. pot
	24	*Sorbus americana*	American Mountain Ash	2 gal. pot
UNDERSTORY				
	24	*Cornus sericea*	Red Osier Dogwood	1 gal. pot
	24	*Lindera benzoin*	Northern Spicebush	1 gal. pot
	24	*Physocarpus opulifolius*	Ninebark	1 gal. pot
	24	*Sambucus canadensis*	Common Elderberry	1 gal. pot
	24	*Viburnum acerifolium*	Mapleleaf Viburnum	1 gal. pot
WOODY GROUNDCOVERS/SHRUBS				
	24	*Ceanothus americanus*	New Jersey Tea	Plug
	24	*Juniperus horizontalis*	Creeping Juniper	Plug
	24	*Rhus aromatica*	Fragrant Sumac	Plug

POCKET FOREST PLANTING NOTES

PRIOR TO PLANTING, SOIL IS TO BE AMENDED WITH LOCAL, CHEMICAL-FREE COMPOST. BEDS ARE TO BE MULCHED WITH NATIVE, CHEMICAL -FREE WOOD MULCH TO RETAIN MOISTURE AND IMPROVE SOIL FERTILITY.

NATIVE TREE SAPLINGS ARE TO BE PLANTED IN RANDOMLY IN DENSE GRIDS AT A DENSITY OF 3-4 SAPLINGS / m² TO MAXIMISE BIODIVERSITY.

SELECTED SAPLINGS SHOULD BE NATIVE, ZONE 5a TREE SPECIES. 30 OR MORE NATIVE SPECIES IS IDEAL, INCLUDING A MIX OF CANOPY TREES, SUB-CANOPY TREES, ARBORESCENT TREES, AND SHRUBS.

FOREST TO BE WATERED AND WEEDED FOR A PERIOD OF UP TO THREE YEARS AFTER PLANTING. REFER TO POCKET FOREST MAINTENANCE

ONCE ESTABLISHED, NO MAINTENANCE IS REQUIRED AND THE SAPLINGS ARE LEFT TO GROW NATURALLY TO COMPETE FOR LIGHT AND WATER RESOURCES, SPURRING RAPID GROWTH. FOREST FORM AND COMPOSITION WILL CHANGE NATURALLY OVER TIME.

POCKET FOREST PLANTING PRACTICES BASED ON GREEN COMMUNITIES CANADA MINI FOREST CURRICULUM GUIDE; https://green-communities-canada.thinkific.com/courses/take/mini-forest-training/pdfs/52179616-mini-forest-curriculum

KEY PLAN

NOT TO SCALE

Surveyor

ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
14 CONCOURSE GATE, SUITE 500
NEPEAN, ONTARIO, K2E 7S6

TOPOGRAPHIC INFORMATION & BENCHMARK

SURVEY COMPLETED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. ON MARCH 21, 2024. ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM, DERIVED FROM CONTROL MONUMENT NO. 019680274 HAVING AN ELEVATION OF 66.322m.

BOUNDARY INFORMATION WAS COMPILED FROM PLANS 4R-19213, 4R-35573 AND 4R-36051

JOB BENCHMARK

CUT CROSS ON SIDEWALK NEAR OVERPASS
ELEVATION = 68.53m

Client

The Ottawa Hospital | L'Hôpital d'Ottawa

RIVERSIDE CAMPUS
1967 RIVERSIDE DRIVE,
OTTAWA, ONTARIO, K1H 7W9

PARSONS

studioRed landscape architecture

No.	Revision	By	Date (yy/mm/dd)
7	ISSUED FOR REVIEW	KC	2025/05/21
6	ISSUED FOR REVIEW	KC	2025/04/03
5	ISSUED FOR REVIEW	KC	2025/03/18
4	ISSUED FOR REVIEW	KC	2025/01/23
3	ISSUED FOR REVIEW	KC	2024/12/09
2	ISSUED FOR REVIEW	KC	2024/10/31
1	ISSUED FOR REVIEW	KC	2024/10/17

Scale
5m 0 5 10m
SCALE: 1:250

Project Title
THE OTTAWA HOSPITAL
RIVERSIDE CAMPUS
1967 RIVERSIDE DR., OTTAWA

PARKING LOT C

Drawing Title
PARKING LOT C
LANDSCAPE PLAN

Designed by: KC	Datum
Drawn by: CS	
Approved by: --	
Project No. 479008	Drawing No. L-1

D07-12-25-0006

#19228