



PLANT LIST

KEY	QTY.	BOTANICAL NAME	COMMON NAME	CAL/HT. ROOT (mm)	NATIVE	TREE SIZE
DECIDUOUS TREES						
AR	16	ACER RUBRUM	RED MAPLE	50	B&B	Y LARGE
AS	12	ACER SACCHARUM	SUGAR MAPLE	50	B&B	Y LARGE
CO	8	CELTIS OCCIDENTALIS	HACKBERRY	50	B&B	Y LARGE
QR	7	QUERCUS RUBRA	RED OAK	50	B&B	Y LARGE
QP	7	QUERCUS PALUSTRIS	PIN OAK	50	B&B	Y LARGE
TA	7	TILIA AMERICANA	BASSWOOD	50	B&B	Y LARGE
TOTAL: 57						
SHRUBS						
Cs	192	CORNUS SERICEA	RED OSIER DOGWOOD	3 GAL.	Y	
Hp	86	HYDRANGEA PANICULATA	HYDRANGEA	3 GAL.	N	
Js	44	JUNIPERUS SABINA	SAVIN JUNIPER	3 GAL.	N	
TOTAL: 322						
SPECIMEN GRASSES						
ca	67	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER REED GRASS	1 GAL.	N	
ms	370	MISCANTHUS SINENSIS 'GRACILLIMUS'	MAIDEN GRASS	1 GAL.	N	
TOTAL: 437						

NOTES:

- ALL PROPOSED TREES WILL BE PRIVATELY OWNED BY THE MEDICAL CENTRE
- NON-NATIVE PLANT SPECIES SPECIFIED WERE SELECTED FOR THEIR AESTHETIC FEATURES, SALT-TOLERANCE, ADAPTABILITY IN OTTAWA'S CLIMATE, AND RESILIENCE TO ENVIRONMENTAL FACTORS INCLUDING SNOW LOADING AND DROUGHT.
- ALL SOIL VOLUME CALCULATIONS AND REQUIREMENTS HAVE BEEN DETERMINED AND FOUND TO BE ADEQUATE FOR THE SPECIES SELECTED. SOIL VOLUME = AREA x 1.5m DEPTH.

ESTIMATED CANOPY COVERAGE MATURITY

TREE SIZE	AVERAGE MATURE SPREAD	CANOPY COVERAGE PER TREE	QUANTITY OF TREES	TOTAL AREA
LARGE	15 M	99.4 M. SQ.	57	5,367 M. SQ.
TOTAL CANOPY COVERAGE:				5,367 M. SQ.
TOTAL SITE COVERAGE:				24,078 M. SQ.
EST. CANOPY COVERAGE:				22.3%

CITY OF OTTAWA RECOMMENDED SOIL VOLUME PER TREE

TREE SIZE	SINGLE TREE SOIL VOLUME (CU.M.)	MULTIPLE TREE SOIL VOLUME (CU. M./ TREE)	AREA # OF TREES	SOIL VOLUME (m3)	RECOMMENDED TREE SOIL VOLUME
ORNAMENTAL	15	9	1	6	1866
COLUMNAR	15	9	2	4	429
SMALL	20	12	3	1	88
MEDIUM	25	15	4	1	88.5
LARGE	30	18	5	1	40
CONIFER	25	15	6	1	81
			7	2	165
			8	1	117
			9	2	117
			10	2	53
			11	2	53
			12	3	264
			13	3	186
			14	2	90
			15	1	39
			16	1	162
			17	19	1713
			18	1	79.5
			19	1	102
			20	3	179

TREE PRESERVATION TABLE
(REFER TO TREE CONSERVATION REPORT MAPS FOR FULL TABLE, INCLUDING ALL REMOVALS)

ID	SCIENTIFIC NAME	COMMON NAME	DBH (cm)	OWNERS HIP	CONDITION OF TREE	COMMENTS	ARBORIST RECOMMENDATIONS
73	CELTIS OCCIDENTALIS	HACKBERRY	30	CLIENT	GOOD	PRESERVE	TREE OUTSIDE OF LIMIT OF WORK. INSTALL TREE PROTECTION FENCING PRIOR TO CONSTRUCTION
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75	CELTIS OCCIDENTALIS	HACKBERRY	20	CLIENT	GOOD	PRESERVE	TREE OUTSIDE OF LIMIT OF WORK. INSTALL TREE PROTECTION FENCING PRIOR TO CONSTRUCTION
77	TILIA AMERICANA	BASSWOOD	35	CLIENT	GOOD	PRESERVE	TREE OUTSIDE OF LIMIT OF WORK. INSTALL TREE PROTECTION FENCING PRIOR TO CONSTRUCTION
78	SYRINGA RETICULATA	JAPANESE TREE LILAC	10	CLIENT	GOOD	PRESERVE	TREE OUTSIDE OF LIMIT OF WORK. INSTALL TREE PROTECTION FENCING PRIOR TO CONSTRUCTION
79	GLEDITSIA TRIACANTHOS	HONEYLOCUST	10	CLIENT	GOOD	PRESERVE	TREE OUTSIDE OF LIMIT OF WORK. INSTALL TREE PROTECTION FENCING PRIOR TO CONSTRUCTION
80	SYRINGA RETICULATA	JAPANESE TREE LILAC	10	CLIENT	GOOD	PRESERVE	TREE OUTSIDE OF LIMIT OF WORK. INSTALL TREE PROTECTION FENCING PRIOR TO CONSTRUCTION
81	GLEDITSIA TRIACANTHOS	HONEYLOCUST	10	CLIENT	GOOD	PRESERVE	TREE OUTSIDE OF LIMIT OF WORK. INSTALL TREE PROTECTION FENCING PRIOR TO CONSTRUCTION
82	SYRINGA RETICULATA	JAPANESE TREE LILAC	10	CLIENT	GOOD	PRESERVE	TREE OUTSIDE OF LIMIT OF WORK. INSTALL TREE PROTECTION FENCING PRIOR TO CONSTRUCTION
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LEGEND

- PROPERTY LINE
- SETBACK LIMIT (7.5m @ INTERIOR SIDE LOT)
- LIMIT OF EXCAVATION
- IDENTIFICATION NUMBER FOR INVENTORIED TREE WITHIN APPLICANT PROPERTY. REFER TO TREE CONSERVATION REPORT

PLANTING

- PROPOSED TREES - DETAIL 1/L401
- EXISTING TREES TO REMAIN - REFER TO TREE CONSERVATION REPORT
- TREE PROTECTION FENCE - REFER TO TREE CONSERVATION REPORT
- LOW-MAINTENANCE SEEDING/WILDOLOWER MIX - REFER TO ARCHITECTURE SITE PLAN FOR LIMIT OF LANDSCAPE AREA
- SODDING - REFER TO ARCHITECTURE SITE PLAN FOR LIMIT OF LANDSCAPE AREA
- SHRUB AND GRASSES MASS PLANTING BED - DETAIL 3/L401 AND 4/L401

PAVING

- RIVERSTONE MAINTENANCE STRIP - DETAIL 2/L400
- ASPHALT PAVING - REFER TO ARCHITECTURE SITE PLAN FOR LAYOUT
- CAST IN PLACE CONCRETE PAVING - REFER TO ARCHITECTURE SITE PLAN FOR LAYOUT

SITE FURNITURE

- WASTE RECEPTACLE - DETAIL 3/L400
- BENCH WITH ACCESSIBLE SPACE - C.I.P. CONCRETE PAD - DETAILS 1/L400 AND 5/L400
- BIKE SHELTER WITH BIKE RACKS - REFER TO ARCHITECTURE

NO	DATE	DESCRIPTION	BY
6	24-04-18	ISSUED FOR ZBLA AND SPC	TM
5	24-04-10	ISSUED FOR PHASE 3 RE-SUBMISSION	TM
4	24-02-26	ISSUED FOR PHASE 3 RE-SUBMISSION	TM
3	23-12-01	ISSUED FOR SPA	TM
2	23-11-06	ISSUED FOR PRICING PROPOSAL	JC
1	23-10-12	ISSUED FOR CITY PRE-CONSULTATION	JC

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CLIENTS:
**UNIVERSITY OF OTTAWA
PCL CONSTRUCTION**

PROJECT TITLE:
**ADVANCED MEDICAL
RESEARCH CENTRE**

SITE ADDRESS:
451 SMYTH ROAD, OTTAWA, ONTARIO

DRAWING TITLE:
PLANTING PLAN

STAMP

DESIGNED JC	DRAWN JC	CHECKED AL
SCALE 1:500	DATE NOVEMBER 2023	
PROJECT NUMBER CA0009956.0165-CA	DWG. NUMBER L-300	

