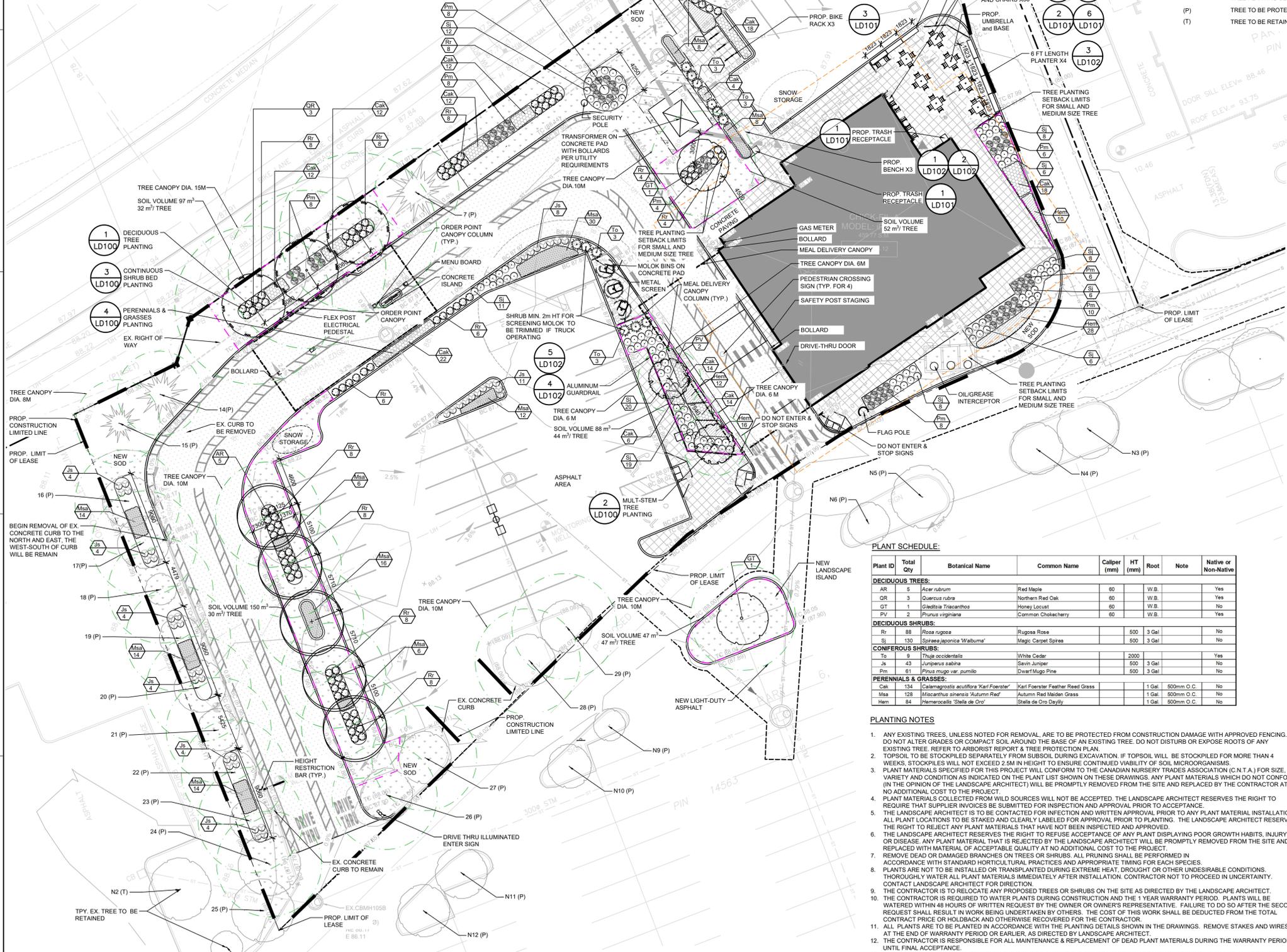


CANOPY COVER AREA IN 40 YEARS:

Plant ID	Total Qty	Botanical Name	Common Name	Tree Stature	Canopy Spread (m)	Height (m)	Tree Canopy Diameter in 40 years (m)	Canopy Area Without Overlapping on Site (m <sup>2</sup> )	Canopy Area With Bonus Factor 1.5 (m <sup>2</sup> )	Subtotal Canopy Area (m <sup>2</sup> )	Tree Planting Setback Per Geotechnical Report (m)	Soil Volume Per Tree (m <sup>3</sup> )	Ownership
<b>PROPOSED DECIDUOUS TREES:</b>													
AR	5	<i>Acer rubrum</i>	Red Maple	Large	8-15m	12-18m	15	265.6	—	15	30	Private onsite	
QR	3	<i>Quercus rubra</i>	Northern Red Oak	Large	15-20m	15-25m	15	236.1	—	636.6	15	32	ROW
GT	1	<i>Gleditsia triacanthos</i>	Honey Locust	Medium	10-12m	12-20m	10	78.3	—	4.5	47	Private onsite	
PV	2	<i>Pinus virginiana</i>	Common Chokecherry	Small	5-8m	6-9m	6	59.5	—	4.5	44	Private onsite	
<b>RETAINED AND PROTECTED EXISTING DECIDUOUS TREE</b>													
#1	1	<i>Tilia cordata</i>	Littleaf Linden	Medium	6-12m	—	10	55.8	83.7	778.0	—	—	ROW
#16 to #24, #26 to #29	13	<i>Gleditsia triacanthos</i>	Honey Locust	Medium	10-12m	—	10	461.5	692.3	—	—	—	Private onsite
<b>RETAINED AND PROTECTED EXISTING CONIFEROUS TREE</b>													
#2	1	<i>Picea pungens</i>	Blue Spruce	Large	6-10m	—	8	37.7	56.6	—	—	—	ROW
#7	1	<i>Picea pungens</i>	Blue Spruce	Large	6-10m	—	8	50	75.0	231.3	—	—	ROW
#14, #15	2	<i>Picea pungens</i>	Blue Spruce	Large	6-10m	—	8	66.5	99.8	—	—	—	Private onsite

- NOTES:**
- EXISTING CANOPY COVERAGE FROM TREES LOCATED ON THE SUBJECT SITE CAN BE CREDITED WITH A BONUS FACTOR BY MULTIPLYING THE EXISTING COVERAGE OVER THE SITE BY 1.5. (REFERENCE TOWN OF OAKVILLE TREE CANOPY CALCULATION DIRECTED UNDER CITY COMMENTS)
  - THE COLORED TREE CANOPY PLAN IS INCLUDED AS APPENDIX D IN THE ARBORIST REPORT.



1 LANDSCAPE PLAN  
SCALE 1:200

LEGEND:

- EX. TREE TO BE RETAINED
- PROP. DECIDUOUS TREES
- PROP. CONIFEROUS SHRUBS
- PROP. DECIDUOUS SHRUBS
- PROP. PERENNIALS
- PROP. SOD
- PROP. TREES APPROX. CANOPY TO 40 YEARS
- PROP. TREES SOIL VOLUME AREA SOIL DEPTH 1 M
- TREE PLANTING SETBACK
- TREE TO BE PROTECTED
- TREE TO BE RETAINED

- SSIB
- CP
- PB
- WIT
- MEAS
- P1
- P2
- P3
- JDB
- AOG
- G METER
- HW
- BOL
- SV
- CB
- DSICB
- H
- WV
- HT
- LS
- PED
- FO
- ST
- S
- W
- G
- UH
- 100.00
- 100.00
- <2.0%
- 10.0m
- EX. CONTOUR
- SCOPE OF WORK BOUNDARY
- EX. STORM LINE REMOVAL
- PROP. WATER VALVE
- PIPE INSULATION
- ROW LINE
- LIGHT DUTY ASPHALT
- HEAVY DUTY CONCRETE
- STEEL BOLLARD (SEE DWG. C9.1 & C9.4B)
- MAGNETIC BOLLARD (SEE DWGS. C9.4A&B)
- RUBBER BASE BOLLARD (SEE DWGS. C9.4A&B)

- NEW STORM SEWER
- NEW SANITARY SEWER
- NEW WATER SERVICE
- NEW GAS SERVICE
- NEW HYDRO SERVICE
- NEW CONC. CURB
- NEW CURB CUT/DEPRESSED CURB
- NEW CONCRETE CURB
- NEW CONCRETE CURB CUT/DEPRESSED CURB
- NEW STORM SEWER
- NEW SANITARY SEWER
- NEW WATER SERVICE
- NEW GAS SERVICE
- NEW HYDRO SERVICE
- NEW CONC. CURB
- NEW CURB CUT/DEPRESSED CURB
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- NEW GAS SERVICE
- NEW HYDRO SERVICE
- NEW CONC. CURB
- NEW CURB CUT/DEPRESSED CURB
- NEW CONCRETE CURB
- NEW CONCRETE CURB CUT/DEPRESSED CURB

**NOTES FOR GEOTECHNICAL INVESTIGATION REPORT:**

THE LANDSCAPE PLAN HAS BEEN PREPARED IN CONJUNCTION WITH 'GEOTECHNICAL INVESTIGATION REPORT' PG7345-1 DATED DECEMBER 12, 2024 BY PATERSON GROUP

PAGE 20 - SECTION 6.8 LANDSCAPING CONSIDERATION

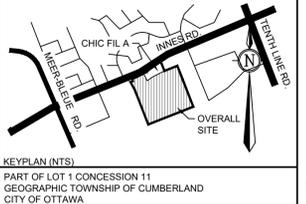
TREE PLANTING SETBACK LIMITS MAY BE REDUCED TO 4.5 M FOR SMALL (MATURE TREE HEIGHT UP TO 7.5M) AND MEDIUM SIZE TREES (MATURE TREE HEIGHT 7.5 M TO 14 M). LARGE TREES (MATURE HEIGHT OVER 14 M) CAN BE PLANTED WITHIN THESE AREAS PROVIDED THAT A TREE TO FOUNDATION SETBACK EQUAL TO THE FULL MATURE HEIGHT OF THE TREE CAN BE PROVIDED.

- SODDING NOTES:**
- SODDED AREAS AS SHOWN ON THE PLANTING PLAN ARE TO BE CERTIFIED CANADA NO. 1 CULTIVATED TURF SOD, WITH STRONG FIBROUS ROOT SYSTEM, THICK AND HEAVY GROWTH CONFORMING TO REQUIREMENTS OF NURSERY SOD GROWERS ASSOCIATION OF ONTARIO AND OF THE FOLLOWING MIX OR APPROVED EQUAL:
    - 20% KENTUCKY BLUEGRASS
    - 60% BLEND OF CREEPING RED FESCUE, CHEWING FESCUE, HARD FESCUE AND SHEEP FESCUE.
    - 20% PERENNIAL RYEGRASS USE LATEST APPROVED CULTIVARS OF GRASS IN ONTARIO AREAS TO BE SODDED SHALL HAVE A MIN. 200mm TOPSOIL BASE.
  - LOOSEN SOIL SURFACE PRIOR TO SODDING. ELIMINATE BUMPS AND HOLLOW. ROLL LIGHTLY WHEREVER TOPSOIL IS EXCESSIVELY LOOSE.
  - PRIOR TO SODDING, OBTAIN APPROVAL THAT FINISHED GRADE AND DEPTH AND COMPACTION RATES OF TOPSOIL ARE SATISFACTORY.
  - DELIVER SOD TO SITE WITHIN 24 HOURS OF BEING LIFTED AND LAY WITHIN 96 HOURS OF BEING LIFTED. DURING DRY WEATHER PROTECT SOD FROM DRYING, AND WATER SOD AS NECESSARY TO ENSURE ITS VITALITY AND PREVENT THE LOSS OF SOIL IN HANDLING. DRY SOD WILL BE REJECTED.
  - LAY SOD DURING GROWING SEASON. LAY SOD IN ROWS, PERPENDICULAR TO SLOPE, AND WITH JOINTS STAGGERED. BUT SECTIONS CLOSELY WITHOUT OVERLAPPING OR LEAVING GAPS BETWEEN SECTIONS. CUT OUT IRREGULAR OR THIN SECTIONS WITH SHARP IMPLEMENTS.
  - WATER SOD IMMEDIATELY AFTER LAYING TO OBTAIN MOISTURE PENETRATION INTO TOP MIN 200mm OF TOPSOIL. MAINTAIN SODDED AREAS FROM START OF INSTALLATION UNTIL FINAL ACCEPTANCE.

**PLANT SCHEDULE:**

Plant ID	Total Qty	Botanical Name	Common Name	Caliper (mm)	HT (mm)	Root	Note	Native or Non-Native
<b>DECIDUOUS TREES:</b>								
AR	5	<i>Acer rubrum</i>	Red Maple	60	W.B.	W.B.		Yes
QR	3	<i>Quercus rubra</i>	Northern Red Oak	60	W.B.	W.B.		Yes
GT	1	<i>Gleditsia triacanthos</i>	Honey Locust	60	W.B.	W.B.		No
PV	2	<i>Pinus virginiana</i>	Common Chokecherry	60	W.B.	W.B.		Yes
<b>DECIDUOUS SHRUBS:</b>								
Rr	88	<i>Rosa rugosa</i>	Rugosa Rose	500	3 Gal			No
SI	130	<i>Spiraea japonica 'Walburna'</i>	Magic Carpet Spirea	500	3 Gal			No
<b>CONIFEROUS SHRUBS:</b>								
To	9	<i>Thuja occidentalis</i>	White Cedar	2000	3 Gal			Yes
L	43	<i>Larix laricina</i>	Savin Juniper	500	3 Gal			No
Pm	61	<i>Pinus mugo var. pumilio</i>	Dwarf Mugo Pine	500	3 Gal			No
<b>PERENNIALS &amp; GRASSES:</b>								
Cak	134	<i>Calamagrostis acutiflora 'Karl Foerster'</i>	Karl Foerster Feather Reed Grass	1 Gal	500mm O.C.			No
Mea	128	<i>Miscanthus sinensis 'Autumn River'</i>	Autumn River Miscanthus Grass	1 Gal	500mm O.C.			No
Hem	84	<i>Hemerocallis 'Stella de Oro'</i>	Stella de Oro Daylily	1 Gal	500mm O.C.			No

- PLANTING NOTES:**
- ANY EXISTING TREES, UNLESS NOTED FOR REMOVAL, ARE TO BE PROTECTED FROM CONSTRUCTION DAMAGE WITH APPROVED FENCING. DO NOT ALTER GRADES OR COMPACT SOIL AROUND THE BASE OF AN EXISTING TREE. DO NOT DISTURB OR EXPOSE ROOTS OF ANY EXISTING TREE. REFER TO ARBORIST REPORT & TREE PROTECTION PLAN.
  - TOPSOIL TO BE STOCKPILED SEPARATELY FROM SUBSOIL DURING EXCAVATION. IF TOPSOIL WILL BE STOCKPILED FOR MORE THAN 4 WEEKS, STOCKPILES WILL NOT EXCEED 2.5M IN HEIGHT TO ENSURE CONTINUED VIABILITY OF SOIL MICROORGANISMS.
  - PLANT MATERIALS SPECIFIED FOR THIS PROJECT WILL CONFORM TO THE CANADIAN NURSERY TRADES ASSOCIATION (C.N.T.A.) FOR SIZE, VARIETY AND CONDITION AS INDICATED ON THE PLANT LIST SHOWN ON THESE DRAWINGS. ANY PLANT MATERIALS WHICH DO NOT CONFORM (IN THE OPINION OF THE LANDSCAPE ARCHITECT) WILL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
  - PLANT MATERIALS COLLECTED FROM WILD SOURCES WILL NOT BE ACCEPTED. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REQUIRE THAT SUPPLIER INVOICES BE SUBMITTED FOR INSPECTION AND APPROVAL PRIOR TO ACCEPTANCE.
  - THE LANDSCAPE ARCHITECT IS TO BE CONTACTED FOR INSPECTION AND WRITTEN APPROVAL PRIOR TO ANY PLANT MATERIAL INSTALLATION. ALL PLANT LOCATIONS TO BE STAKED AND CLEARLY LABELED FOR APPROVAL PRIOR TO PLANTING. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANT MATERIALS THAT HAVE NOT BEEN INSPECTED AND APPROVED.
  - THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ACCEPTANCE OF ANY PLANT DISPLAYING POOR GROWTH HABITS, INJURY OR DISEASE. ANY PLANT MATERIAL THAT IS REJECTED BY THE LANDSCAPE ARCHITECT WILL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF ACCEPTABLE QUALITY AT NO ADDITIONAL COST TO THE PROJECT.
  - REMOVE DEAD OR DAMAGED BRANCHES ON TREES OR SHRUBS. ALL PRUNING SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES AND APPROPRIATE TIMING FOR EACH SPECIES.
  - PLANTS ARE NOT TO BE INSTALLED OR TRANSPLANTED DURING EXTREME HEAT, DROUGHT OR OTHER UNDESIRABLE CONDITIONS. THOROUGHLY WATER ALL PLANT MATERIALS IMMEDIATELY AFTER INSTALLATION. CONTRACTOR NOT TO PROCEED IN UNCERTAINTY.
  - CONTACT LANDSCAPE ARCHITECT FOR DIRECTION.
  - THE CONTRACTOR IS TO RELOCATE ANY PROPOSED TREES OR SHRUBS ON THE SITE AS DIRECTED BY THE LANDSCAPE ARCHITECT.
  - THE CONTRACTOR IS REQUIRED TO WATER PLANTS DURING CONSTRUCTION AND THE 1 YEAR WARRANTY PERIOD. PLANTS WILL BE WATERED WITHIN 48 HOURS OF WRITTEN REQUEST BY THE OWNER OR OWNER'S REPRESENTATIVE. FAILURE TO DO SO AFTER THE SECOND REQUEST SHALL RESULT IN WORK BEING UNDERTAKEN BY OTHERS. THE COST OF THIS WORK SHALL BE DEDUCTED FROM THE TOTAL CONTRACT PRICE OR HOLDBACK AND OTHERWISE RECOVERED FOR THE CONTRACTOR.
  - ALL PLANTS ARE TO BE PLANTED IN ACCORDANCE WITH THE PLANTING DETAILS SHOWN IN THE DRAWINGS. REMOVE STAKES AND WIRES AT THE END OF WARRANTY PERIOD OR EARLIER, AS DIRECTED BY LANDSCAPE ARCHITECT.
  - THE CONTRACTOR IS RESPONSIBLE FOR ALL MAINTENANCE & REPLACEMENT OF DEAD PLANT MATERIALS DURING THE WARRANTY PERIOD UNTIL FINAL ACCEPTANCE.
  - THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO EXTEND THE CONTRACTOR'S WARRANTY RESPONSIBILITIES FOR AN ADDITIONAL YEAR IF, AT THE END OF THE INITIAL WARRANTY PERIOD LEAF DEVELOPMENT AND GROWTH IS NOT SUFFICIENT TO ENSURE FUTURE SURVIVAL AS DETERMINED BY THE LANDSCAPE ARCHITECT.
  - GOOD QUALITY PLANTING SOIL SHOULD BE APPLIED TO ALL THE PLANTING AREA. PLACE A MINIMUM OF 100MM OF MULCH ON ALL PLANTING BEDS AND MAINTAIN PLANTING BEDS WEED FREE.



Chick-fil-A  
5200 Buffington Road  
Atlanta, Georgia 30349-2998

exp Services Inc.  
T: +1.905.793.9800 | F: +1.905.793.0641  
1595 Clark Boulevard  
Brampton, ON L6T 4V1  
Canada  
www.exp.com



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4280 Innes Road  
Ottawa, ON

**FSR#30042**

BUILDING TYPE / SIZE: IP01 SE  
RELEASE: XXXXXXXXX

**REVISION SCHEDULE**

NO.	DATE	DESCRIPTION
A	2024-10-04	ISSUED FOR SPA
B	2025-01-24	ISSUED FOR SPA
C	2025-02-21	ISSUED FOR SPA
D	2025-03-07	ISSUED FOR SPA
E	2025-04-14	ISSUED FOR SPA

CONSULTANT PROJECT # BRM0023002042-H0  
PROJECT STATUS SPA  
DATE MAY 2023  
DRAWN BY L.Z.

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LANDSCAPE PLAN

SHEET NUMBER

**L100**