



**2 SOIL VOLUME PLAN**  
L-01 Scale: 1:150

**1 LANDSCAPE PLAN**  
L-01 Scale: 1:100

Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA Target Soil Volume (m3)	Design Soil Volume (m3)	% of target	Contractor soil requirement
<b>AREA A -</b> 2 medium trees, 2 small ornamental trees (10cm DBH)* plant bed (35.2 sq m x 0.9m ave deep)	4	32.4	31.7	98%	2
<b>AREA B -</b> 2 ornamental trees, 1m small ornamental tree (10cm DBH)* plant bed (30.5 sq m x 1.1m ave deep)	3	34.2	33.6	98%	2
<b>AREA C -</b> 2 ornamental trees plant bed (22.3 sq m x 1.1m ave deep)	3	27.0	24.5	91%	2
<b>AREA D -</b> 1 small tree, 1 small ornamental tree (15cm DBH)* plant bed (13.2 sq m x 1.2m ave deep)	2	17.6	15.8	90%	1
<b>AREA E -</b> 1 small ornamental tree (8cm DBH)* plant bed (3.8 sq m x 1.2m ave deep)	1	5.0	4.6	91%	1
<b>AREA F -</b> 1 small ornamental tree (10cm DBH)* plant bed (2.9 sq m x 1.2m ave deep)	1	4.2	3.5	83%	1
<b>AREA G -</b> 1 small ornamental tree (10cm DBH)* plant bed (4.9 sq m x 1.2m ave deep)	1	6.0	5.9	98%	1

**NOTES**

- AREAS WHERE SITE CONSTRAINTS (such as adjacent hard surface areas) 0.9 TO 1.2m DEPTH IMPORTED TOPSOIL (average depth of 1000mm).
- AREAS WITHIN OR ADJACENT TO LARGER SOFT LANDSCAPE AREAS (such as wide boulevards, lawns, etc) 0.4m AVERAGE DEPTH OF IMPORTED TOPSOIL OVER APPROVED EXISTING SUBSOIL. ADDITIONAL IMPORTED TOPSOIL OR APPROVED SUBSOIL TO BE ADDED WHERE SUBGRADE BELOW THE 400mm IMPORTED TOPSOIL IS NOT CONDUSIVE TO PLANT GROWTH TO A MAXIMUM DEPTH OF 1m

**LEGEND**

- PROPERTY LINE
- UNDERGROUND PARKING GARAGE EXTENTS
- OVERHEAD LEVELS
- HYDROLINE
- HYDROLINE OFFSETS
- PRECAST PAVERS
- CONCRETE PAVEMENT
- ROCKERY
- MAINTENANCE EDGE
- PROPOSED BIKE RACKS

- TREES
- SHRUBS
- SOD
- PERENNIALS
- AREAS FOR TREE SOIL VOLUMES

**Plant List**

ID	Qty	Botanical Name	Common Name	Sched. Size	Remarks
<b>TREES</b>					
AgRH	2	Amelanchier x grandiflora 'Robin Hill'	Robin Hill Serviceberry	45mm caliper	WB, Staked
BnFV	4	Betula nigra 'Little King'	Fox Valley River Birch	45mm caliper	WB, Staked
CcgC	2	Crataegus crus-galli inermis 'Cruzam'	Thornless Crusader Cockspur Hawthorn	45mm caliper	WB, Staked
GbU	1	Ginkgo biloba 'Umbrella'	Umbrella Maidenhair Tree	45mm caliper	WB, Staked
MaxB	1	Magnolia acuminata 'Butterflies'	Butterflies Magnolia	45mm caliper	WB, Staked
MHG	2	Malus 'Harvest Gold'	Harvest Gold Crab Apple	50mm caliper	WB, Staked
MsR	1	Malus sargentii 'Rosea'	Pink Flowering Crabapple	45mm caliper	Wire Basket.
<b>SHRUBS</b>					
DI	10	Diervilla lonicera	Dwarf Bush-honeysuckle	50cm ht.	Potted
Hq	11	Hydrangea quercifolia	Oakleaf Hydrangea	2 gallon pot	Potted
JvSR	29	Juniperus virginiana 'Skyrocket'	Skyrocket Juniper	150cm ht.	Potted
Lb	4	Lindera benzoin	Spicebush	50cm ht.	Potted
Pmm	1	Pinus mugo mughus	Mugho Pine	75cm spd	Potted
RaLG	5	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	40cm ht.	Potted
Spa	2	Spiraea alba	Meadowsweet	50cm ht.	Potted
Sa	8	Symphocarpus albus	Common Snowberry	100cm ht.	Potted
ToH	2	Thuja occidentalis 'Holmstrup'	Holmstrup Eastern Arborvitae	100cm ht.	Potted
<b>PERENNIALS</b>					
PvA	73	PvA	Sun / Shade: American Coral Bells, Blue Woodland Phlox, False Solomon's Seal, Canada Mayflower, Woodland Sunflower, Spotted Geranium		
PvB	10	PvB	Shade Ornamental Grasses: Bottlebrush Grass, Oak Sedge		
PvC	74	PvC	Full Shade: Ferns, Bellwort, Solomon's Seal, False Solomon's Seal, Canada Mayflower, Woodland Sunflower		
PvD	41	PvD	Sun Ornamental Grasses: Switch Grass, June Grass, Prairie Dropseed, Goldenrod		

TOTAL PRIVATE TREES = 1  
TOTAL CITY TREES = 12

**APPROVED**  
By Andrew McCreight at 1:29 pm, Jun 01, 2026

- GENERAL NOTES**
- All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface conditions.
  - The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.
  - All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.
  - Obtain approval of Landscape Architect for granular base and layout of all pavement areas prior to construction.
  - Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior approval of the Landscape Architect.
  - Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.
  - All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be used.
  - Final subgrade is to be approved by the Landscape Architect prior to sod being laid.
  - Maintain positive surface runoff through the entire construction period.
  - Reinstate all areas and items damaged as a result of construction activities.

4	Re-issued for Building Permit	2026-05-12
3	Issued for Building Permit	2026-04-10
2	Issued for 100% Review Set	2026-04-08
1	Issued for 50% Drawing Set	2026-03-06

no. issue / revision date

seal

**Ruhland & Associates Ltd**  
landscape architecture • urban design • site planning  
Ph 613-224-4744 Fx 613-224-3131 info@rala.ca www.rala.ca

project  
**630 MONTREAL ROAD APARTMENT BUILDING COMPLEX**  
630 MONTREAL RD., OTTAWA, ON

drawing title  
**LANDSCAPE & SOIL VOL. PLAN**

scale	drawn by T.F./N.W.	designed by M.R.
date MARCH 02	checked by V.O.	plot date March 02
project number <b>26-1778</b>	drawing number <b>L-01</b>	

Contractor to check and verify all dimensions on the job