

**Legend**

- Asphalt
- Concrete
- Pavers
- Sod
- Proposed trees
- Proposed shrubs
- Proposed perennials
- Proposed ornamental grasses
- Accessible parking
- Electric vehicle plug-in parking
- Existing trees
- Critical Root Zone
- Plant bed
- 4.5m Geotechnical Offset
- 7.5m Geotechnical Offset

**PLANT LIST - 3996 INNES RD**

KEY	QTY	BOTANICAL NAME	COMMON NAME	CAL/ HT.	CONDITION/REMARKS
<b>TREES</b>					
As	1	Acer saccharum	Sugar Maple	70mm	W.B. Staked
CaW	2	Caragana arborescens 'Walker'	Walker's Weeping Caragana	45mm	W.B. Staked
GbPS	1	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Maidenhair Tree	70mm	W.B. Staked
MJ	1	Malus 'Jefspire'	Purple Spire Columnar Crabapple	45mm	W.B. Staked
JsBH	1	Juniperus scopulorum 'Blue Haven'	Blue Haven Juniper	50mm	W.B. Staked
SrIP	1	Syringa reticulata 'Ivory Pillar'	Ivory Pillar Tree Lilac	50mm	W.B. Staked
<b>SHRUBS</b>					
PoDm	4	Physocarpus opulifolius 'Donna May'	Little Devil Ninebark	100cm hL	Potted
Sp	8	Spiraea prunifolia	Bridal Wreath Spirea	50 cm ht.	Bare Root
SpMK	27	Syringa patula 'Miss Kim'	Miss Kim Dwarf Lilac	100cm ht.	3 Gallon Pot
ToH	10	Thuja occidentalis 'Holmstrup'	Holmstrup Eastern Arborvitae	100cm ht.	Potted
<b>GRASSES</b>					
Ca	94	Calamagrostis x acutiflora 'Karl Forester'	Karl Forester Grass	3 GAL.	1.5m SPACING
<b>PERENNIALS</b>					
PvA	97	Sun mix		150mm Pot	0.6m SPACING
PvB	1500%	Shade Mix		150mm Pot	0.6m SPACING

**CONTRACTOR TO REPORT ANY DISCREPANCIES FOUND BETWEEN PLAN & PLANT LIST PRIOR TO PLANTING**

PvA Sun Perennials (minimum 3 species mix): Shasta Daisy, Coneflower, Russian Sage

PvB Shade Perennials (minimum 3 species mix): Daylilies, Ferns, Hostas

**NOTE**  
THIS PLAN IS ISSUED FOR SITE PLAN CONTROL SUBMISSION ONLY. ADDITIONAL DETAILING AND SPECIFICATIONS ARE REQUIRED PRIOR TO TENDERING OR CONSTRUCTION.

**DRAWING TO BE READ IN CONJUNCTION WITH TREE CONSERVATION REPORT. REFER TO TREE CONSERVATION REPORT PREPARED BY A.B. DATED 2021-11-19 FOR TREE PROTECTION MEASURES AND DETAILS.**

3996 Innes	Tree Quantity	OTTAWA TARGET SOIL VOLUME (m3)	Design Soil Volume	SOIL ADEQUACY percentage
AREA A - 1 Medium shade trees in plant bed plant bed (22.3 sq m x 0.9 metre deep)	1	20.0	20.1	100.35%
AREA B - 2 small ornamental tree, 1 columnar small evergreen in plant bed* Plant bed (34 sq m x 0.4 metre deep)	3	8.1	13.6	168.94%
AREA C - 1 Small ornamental tree in plant bed plant bed (16 sq m x 0.4 metre deep)	1	5.0	6.4	128.00%
AREA D - 1 existing Conifer, 1 Large shade trees in plant bed Plant bed (55 sq m x 0.6 metre deep)	2	33.0	33.0	100.00%
AREA E - 1 ornamental tree in plant bed plant bed (25 sq m x 0.4 metre deep)	1	15.0	14.0	93.33%

\* Small ornamental trees with growth to 10-15cm DBH using 'How much soil to grow a big tree' by DeepRoot as a guide. Small ornamental, upright evergreens used close to building in accordance with geotechnical report.

4.5 metre offset – allowance for low water requirement plants such as small ornamental plants such as horticultural cedars, junipers, grafted deciduous such as caragana, small crab apples under 4.5 metre height.

4.5 to 7.5 metre offset – allowance for low water requirement trees up to 7.5 metre mature height.

Beyond 7.5 metres – low water requirement trees 7.5 to 14 metre mature height. Trees over 14 metre mature height to be planted mature height away from building.

**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.

no.	issue / revision	date
6		
5		
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Issue/Revision table with a north arrow pointing up and to the right.



project  
**3996 INNES RD,  
OTTAWA ON**

drawing title  
**LANDSCAPE PLAN**

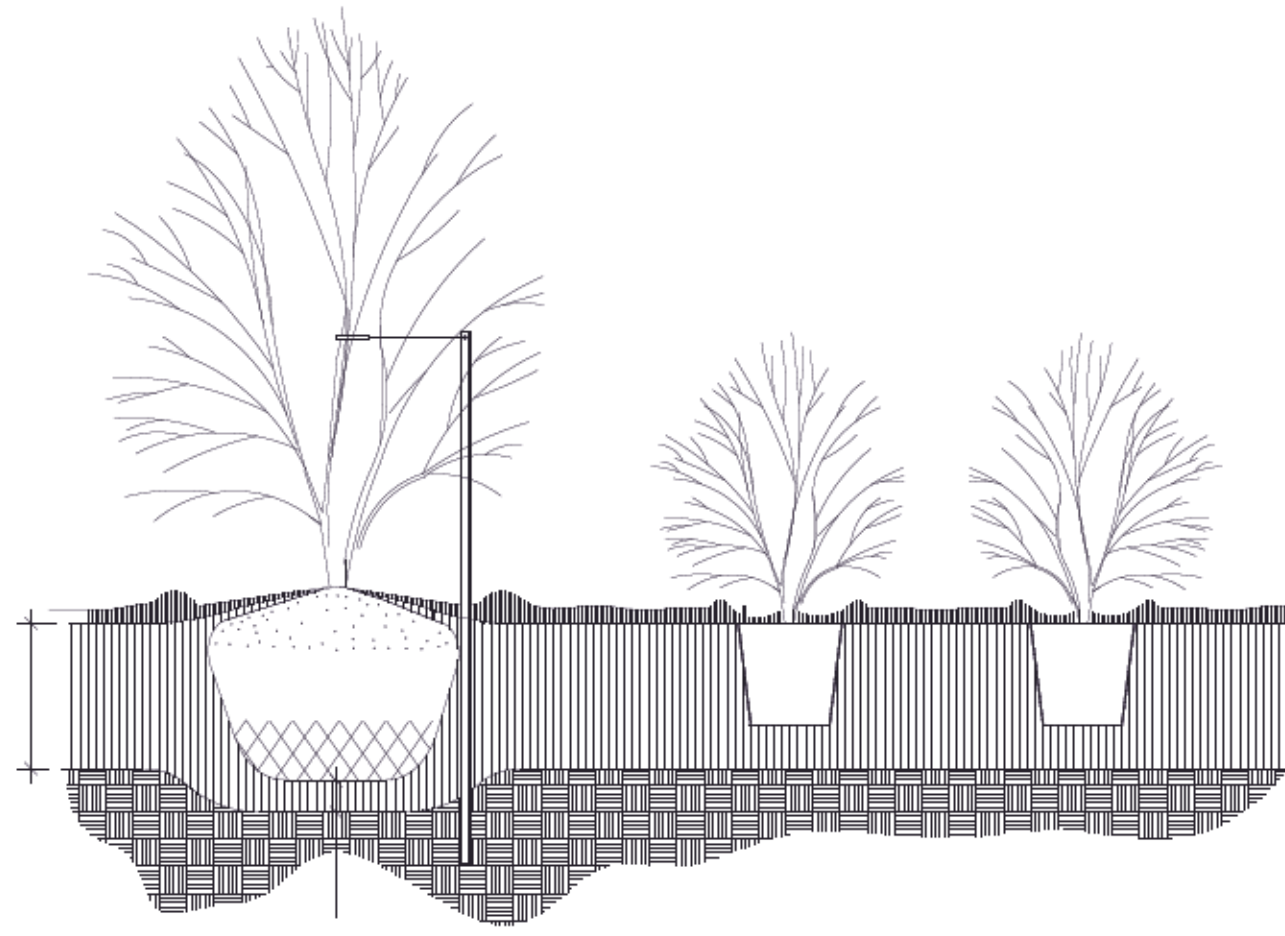
scale 1:100	drawn by C. Reed	designed by C. Reed
date November 2021	checked by M. Ruhland	plot date Nov10, 2021

project number  
**21-1647**

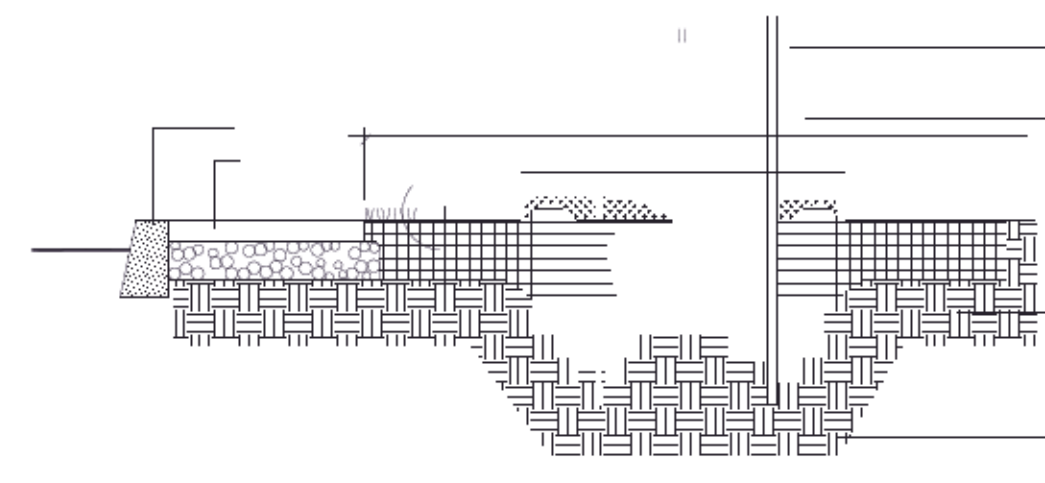
drawing number  
**L - 01**

Contractor to check and verify all dimensions on the job



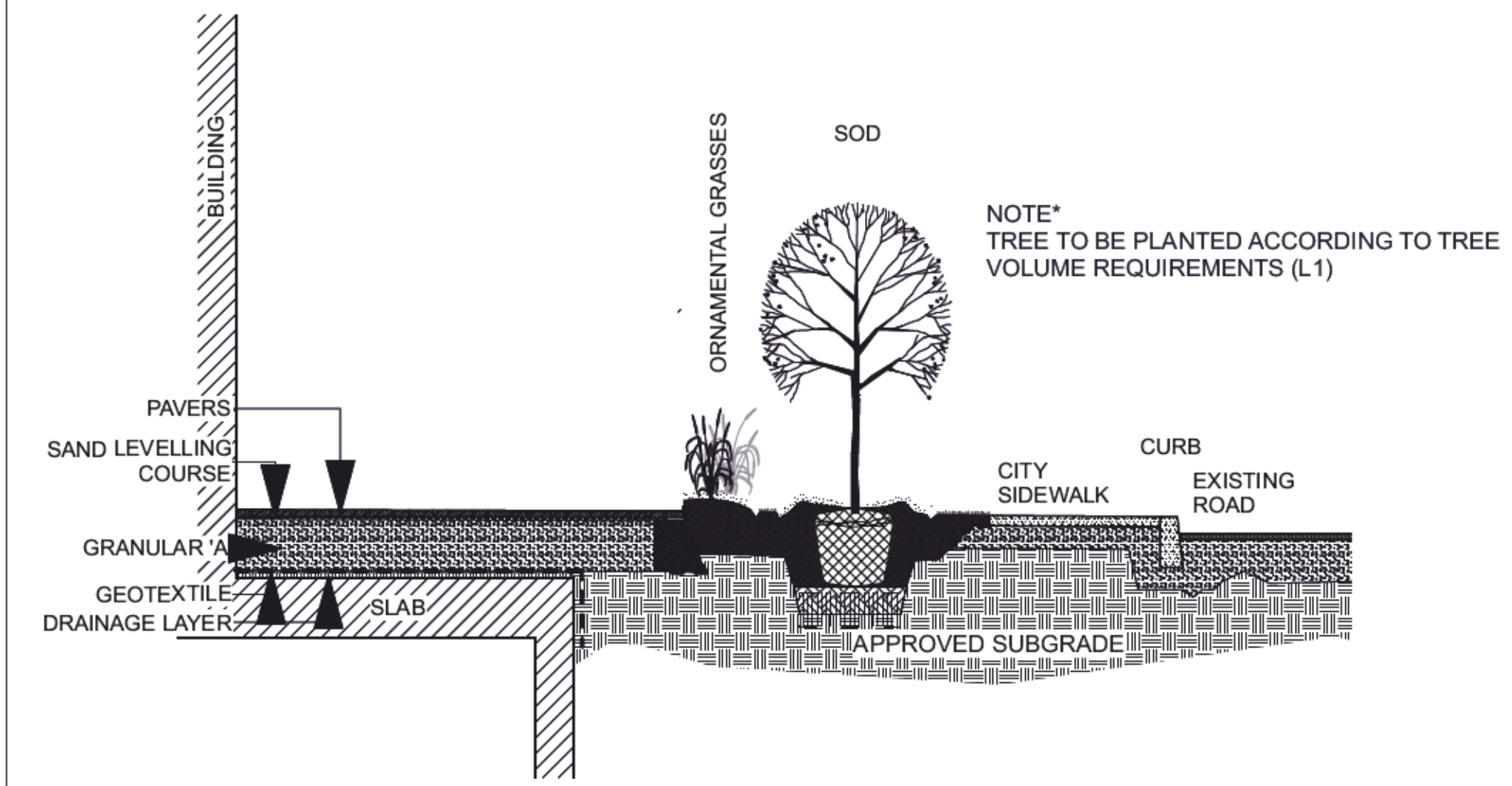


NOTES:

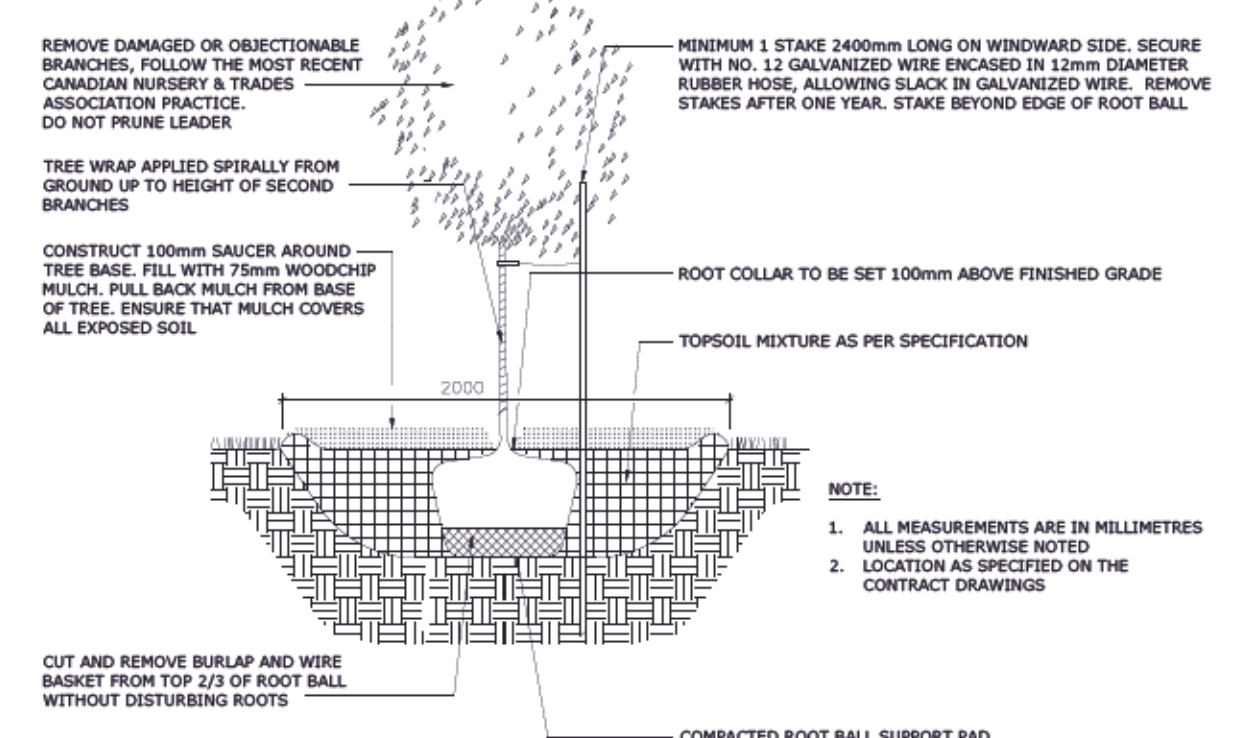


**SOIL VOLUME NOTES TO GO WITH L1 TREE SOIL VOLUME REQUIREMENTS:**

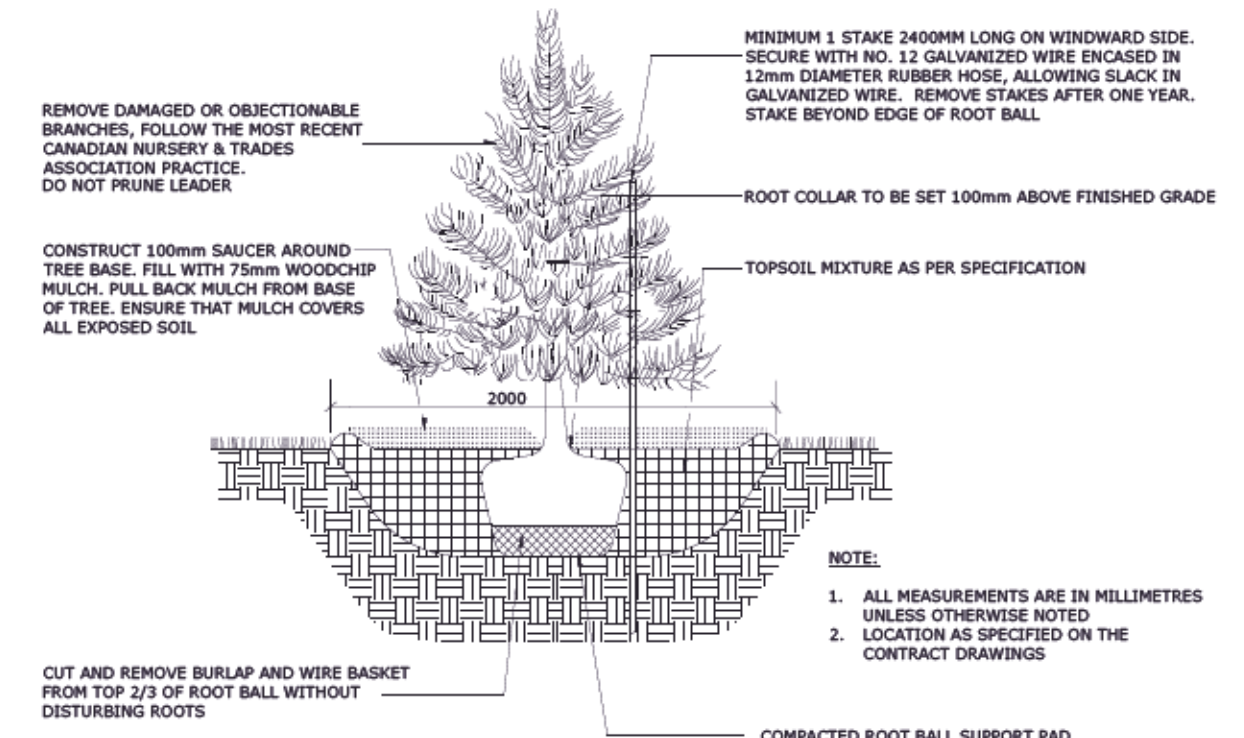
- TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900mm OF SOIL/EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY CITY OF OTTAWA FOR SUSTAINABLE TREE GROWTH.
- WHERE EXISTING MATERIAL BELOW THE SPECIFIED TOPSOIL IS NOT CONDUSIVE TO TREE GROWTH, AN ADDITIONAL LAYER OF PLANTING MEDIUM IS TO BE INSTALLED BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN 900-1000mm SOIL VOLUME DEPTH REQUIRED.
- REFER TO SOIL VOLUME CHART AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.



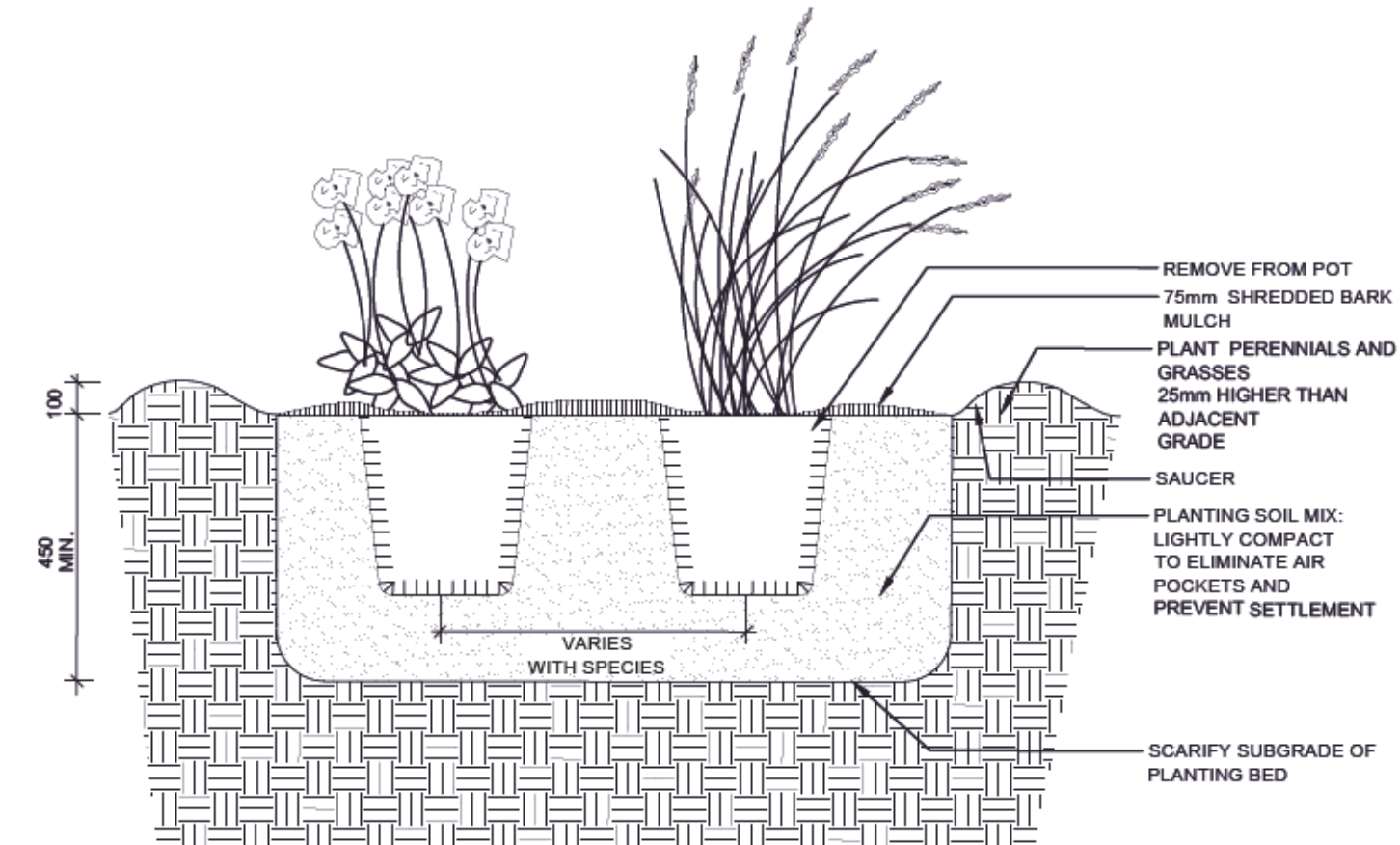
NOTE\* TREE TO BE PLANTED ACCORDING TO TREE VOLUME REQUIREMENTS (L1)



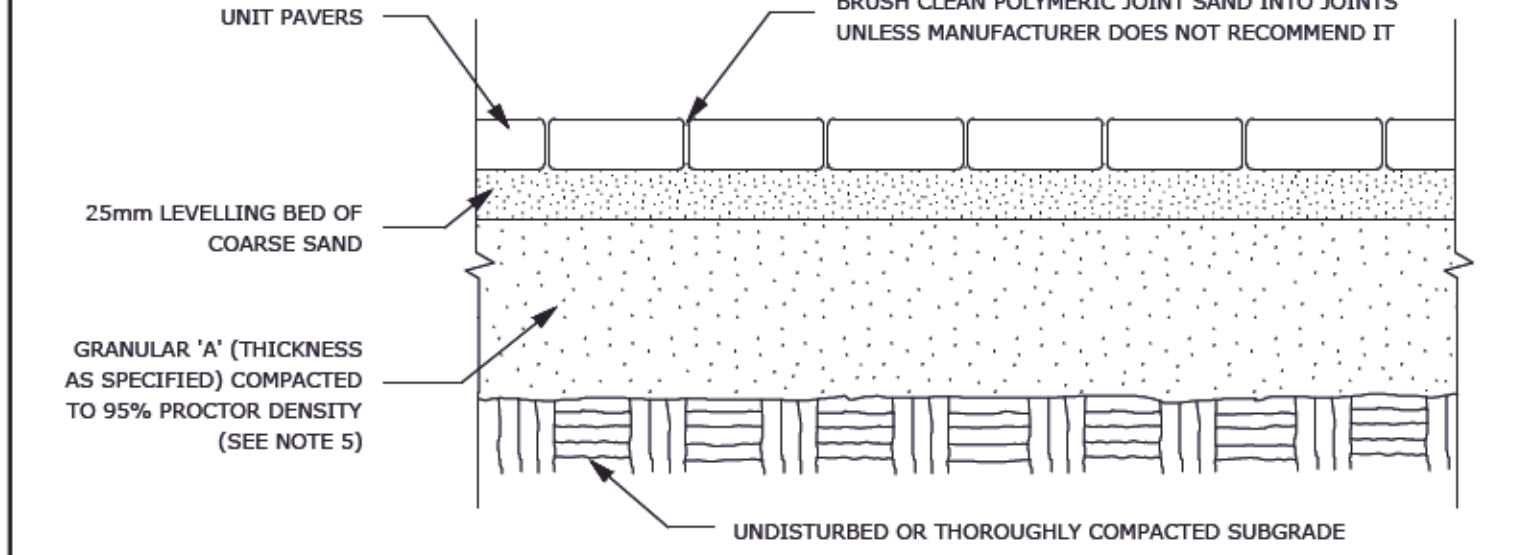
DECIDUOUS TREE PLANTING



CONIFEROUS TREE PLANTING



NOTES:  
 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.  
 2. PLANTING SOIL MIXTURE AS PER SPECIFICATION.  
 3. PROVIDE 100MM HIGH EARTH SAUCER AROUND PERENNIAL/GRASS BED.



- NOTES:**
1. THE LEVELLING COURSE (BEDDING SAND) SHALL BE PLACED LOOSE, IN A UNIFORM LAYER AT A MAXIMUM DEPTH OF 25mm TO ACHIEVE THE FINAL COMPACTED THICKNESS AND GRADE AS SPECIFIED
  2. INSTALL SOLID EDGE RESTRAINT BETWEEN UNIT PAVERS AND ANY SOFT SURFACE (SOD, PLANTING BED, ETC.)
  3. UNIT PAVERS ARE THEN PLACED ON TOP OF THE LEVELLING COURSE AND ADDITIONAL SAND SWEEPED BETWEEN THE UNIT PAVERS
  4. THE UNIT PAVERS ARE THEN VIBRATED INTO PLACE WITH A VIBRA-PLATE AND WATER IS ADDED TO ASSIST IN THE SETTLING OF THE JOINT SAND
  5. GRANULAR 'A' DEPTH TO BE 100mm FOR PEDESTRIAN AREAS AND 150mm FOR VEHICULAR ACCESSES. OR AS RECOMMENDED BY GEOTECHNICAL INVESTIGATION
  6. USE OF THIS DETAIL REQUIRES THE PRIOR APPROVAL OF THE GENERAL MANAGER

**Ottawa** TITLE: UNIT PAVING - ON GRANULAR BASE DATE: MAY 2001  
 REV: FEB 2016  
 DWG No: SC9

ADDITIONAL NOTES FOR NUMBER 5: PRECAST PAVERS IN PEDESTRIAN AREAS WHERE NORMAL SNOW REMOVALS ARE DONE IS TO RECEIVE A MINIMUM 200mm GRANULAR 'A'. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.

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  2. 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.
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  6. Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.
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  8. Final subgrade is to be approved by the Landscape Architect prior to sod being laid.
  9. Maintain positive surface runoff through the entire construction period.
  10. Reinststate all areas and items damaged as a result of construction activities.

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project  
**3996 INNES RD**  
 ORLEANS, ON

drawing title  
**DETAILS**

scale 1:100	drawn by C. Reed	designed by C. Reed
date October 2021	checked by M. Ruhland	plot date
project number 21-1647	drawing number 1/100	<b>L - 02</b>

Contractor to check and verify all dimensions on the job

**Ottawa** TITLE: PLANTING PIT, WELL DRAINED SOILS (ROAD ALLOWANCE) DATE: MAY 2001  
 REV: JAN 2017  
 DWG No: L3

