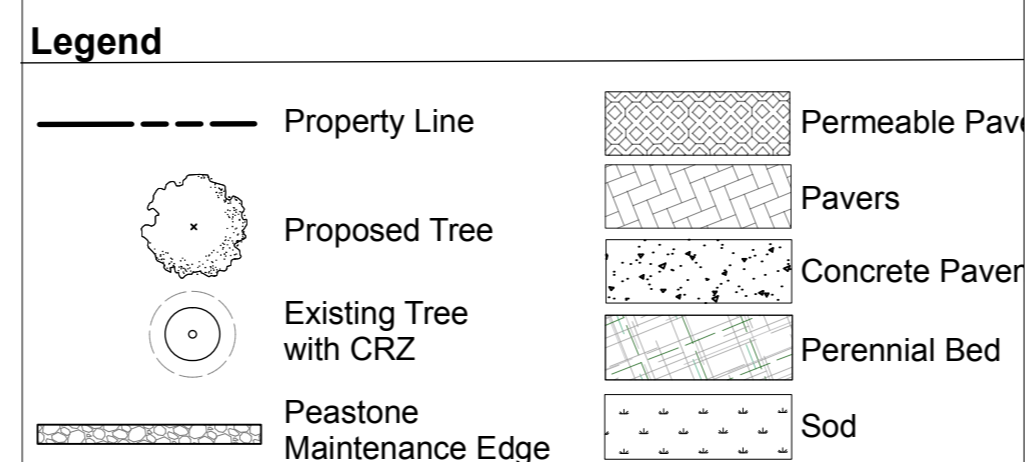
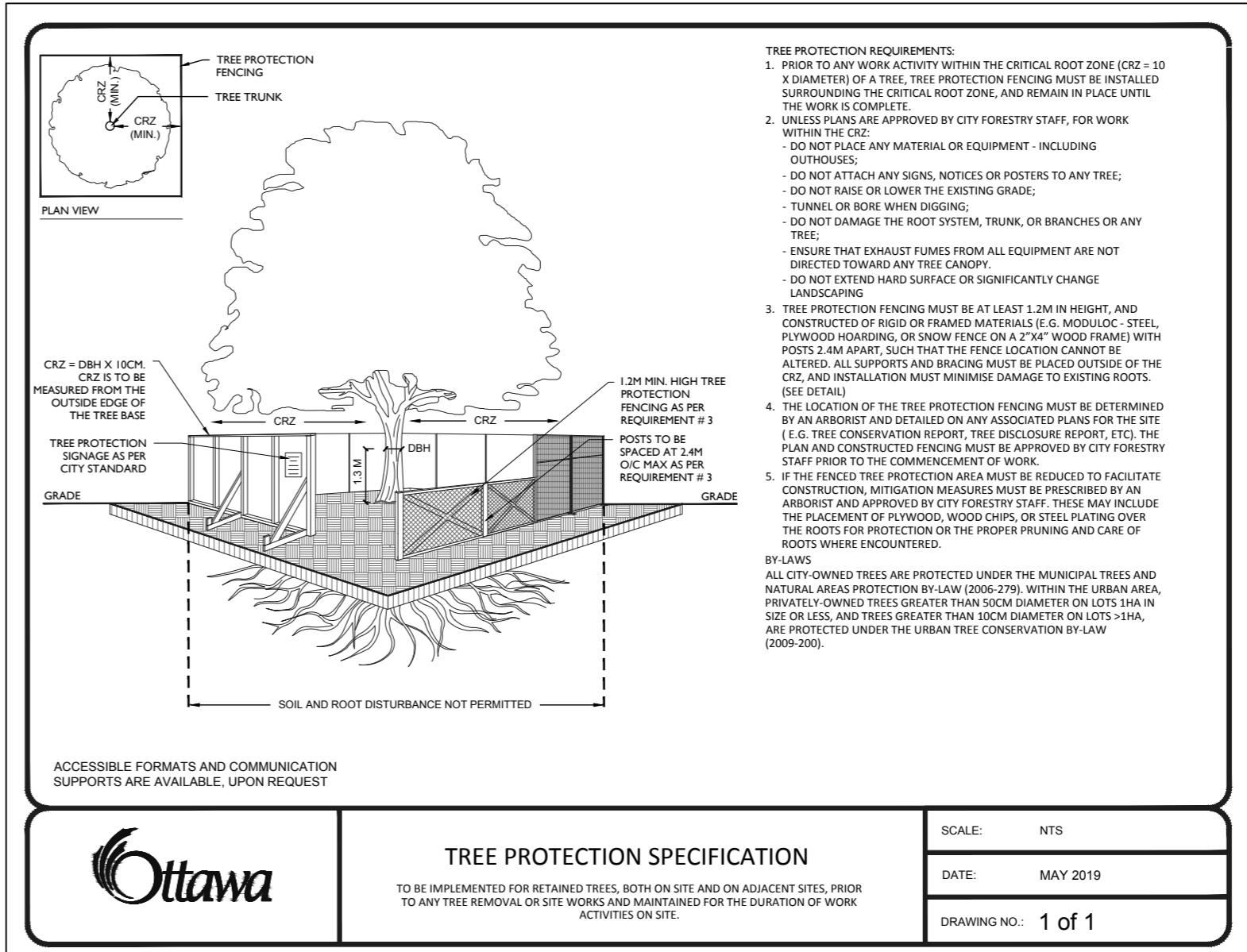


LANDSCAPE PLAN



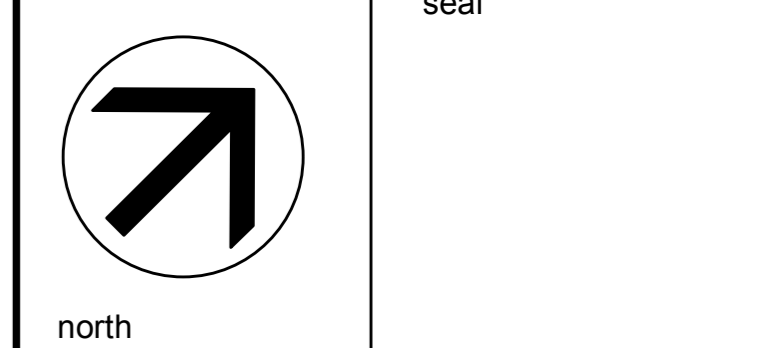
Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA Target Soil Volume (m³)	Design Soil Volume	Soil Adequacy percentage
AREA 1 - 1 medium tree plant bed (37 sq m x 0.6 metre deep)	1	25.0	22.2	88.80%
AREA 2 - 1 small ornamental tree plant bed (13 sq m x 1 metre deep)	1	15.0	13.0	86.67%

ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
TREES					
GIS	1	Gleditsia triacanthos 'Shademaster'	Shademaster Honey Locust	60mm caliper	WB Staked
SHRUBS					
iv	6	Ilex verticillata	Winterberry	50cm ht	1.0m o.c.
JST	6	Juniperus sabinia 'Tamariscifolia'	Tamarisk Juniper	50cm spd	0.9m o.c.
PERENNIALS & ORNAMENTAL GRASSES					
CaKF	10	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gal.	Potted
Fg	24	Festuca glauca	Blue Fescue	3 year	Potted
HsSB	12	Helictotrichon sempervirens 'Sapphire'	Sapphire Blue Oat Grass	1 gal.	Potted
PaDL	14	Perovskia atriplicifolia 'Denim 'n Lace'	Denim 'n Lace Russian Sage	1 gal.	Potted
PvA	30	Perennial variety A	Perennial mix for sun	150mm pot	
PvB	40	Perennial variety B	Perennial mix for shade	150mm pot	



- 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.

6		
5		
4		
3	Issued for site plan control	2022/08/24
2	Issued for site plan control	2022/08/16
1	Issued for site plan control	2022/03/11
no.	issue / revision	yyyy/mm/dd



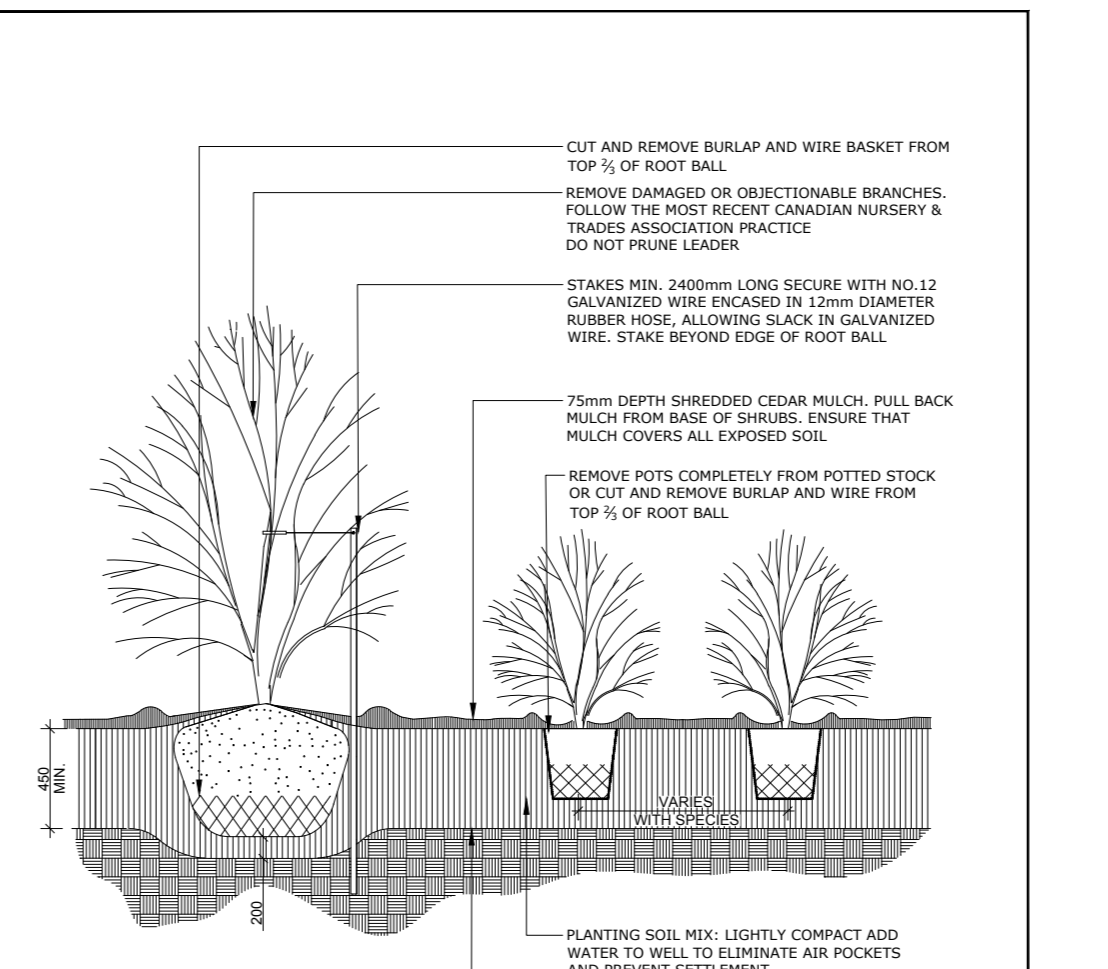
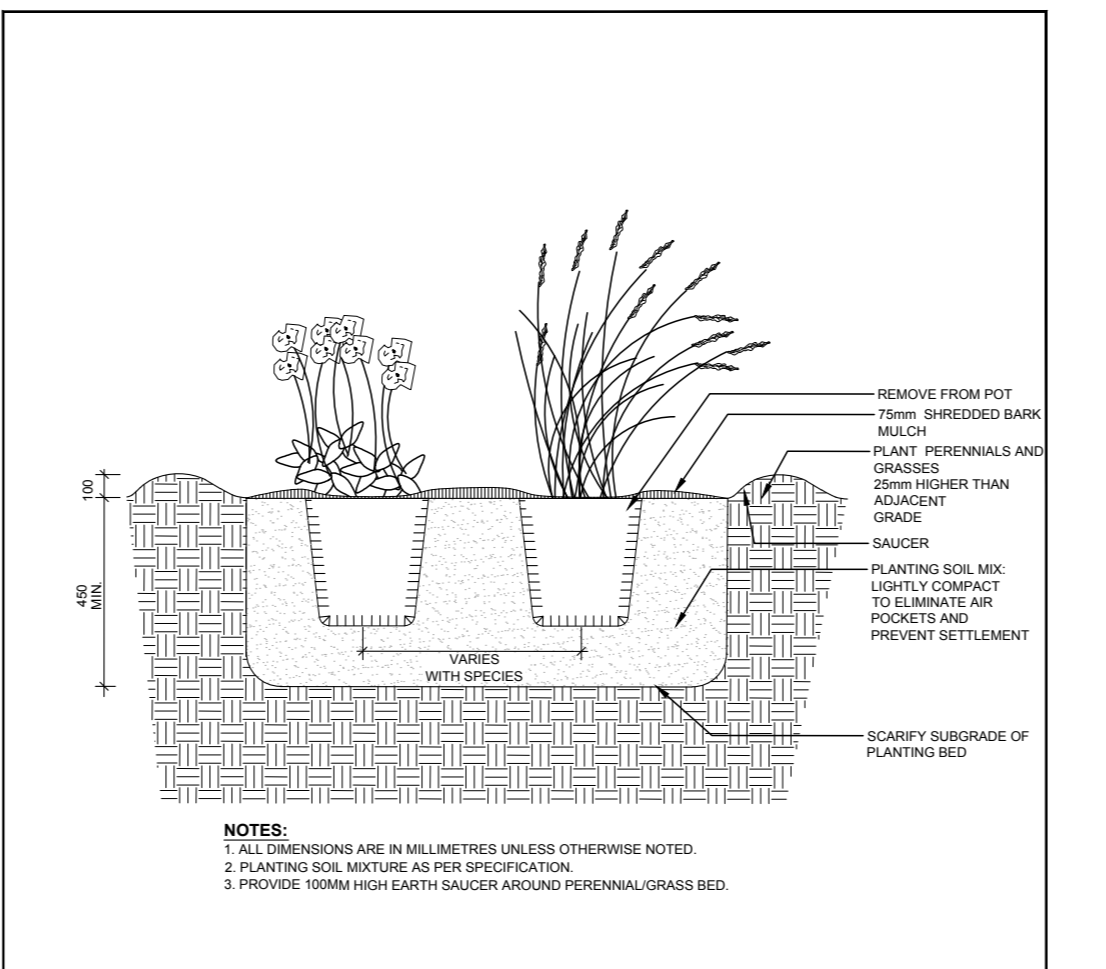
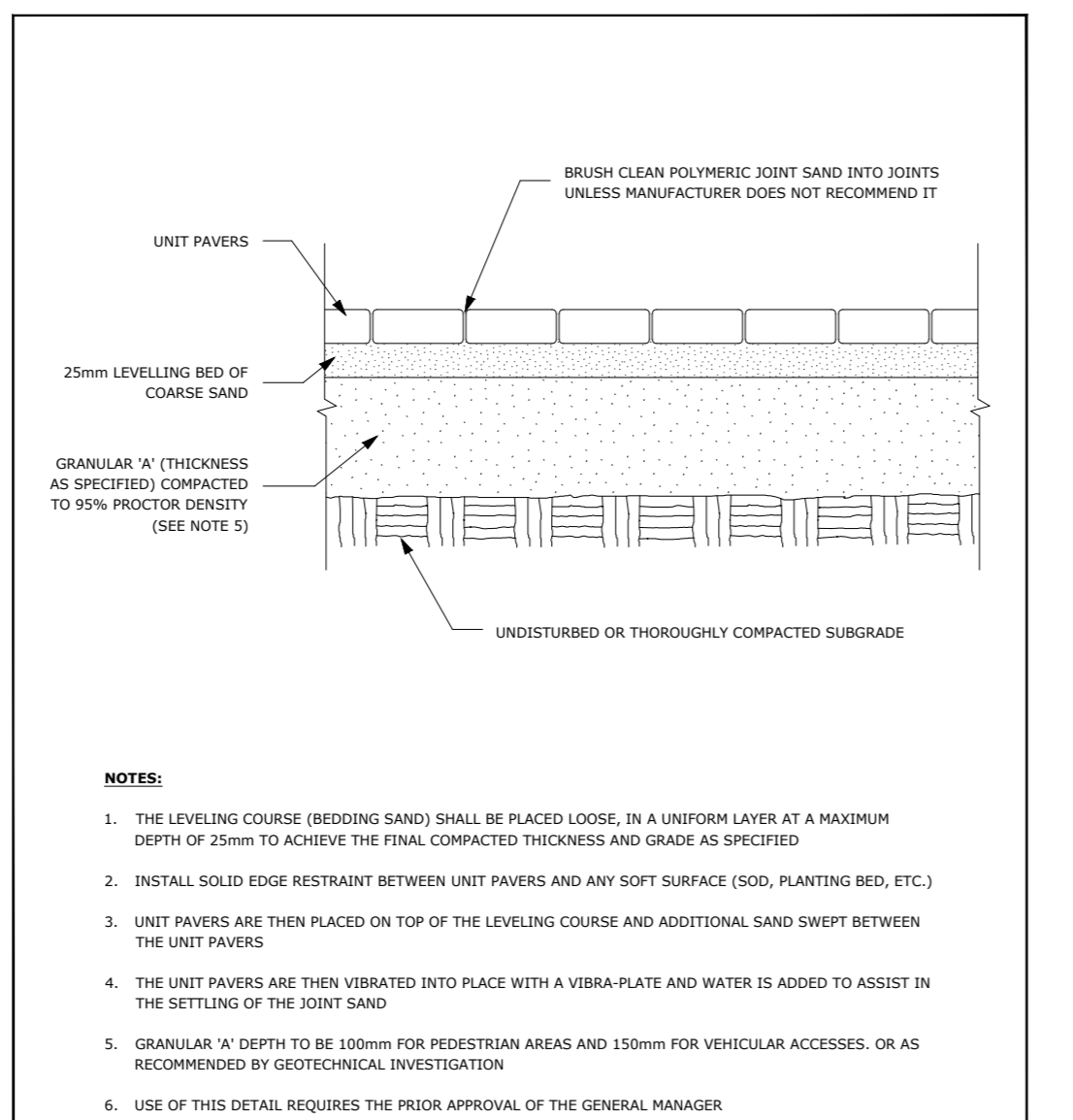
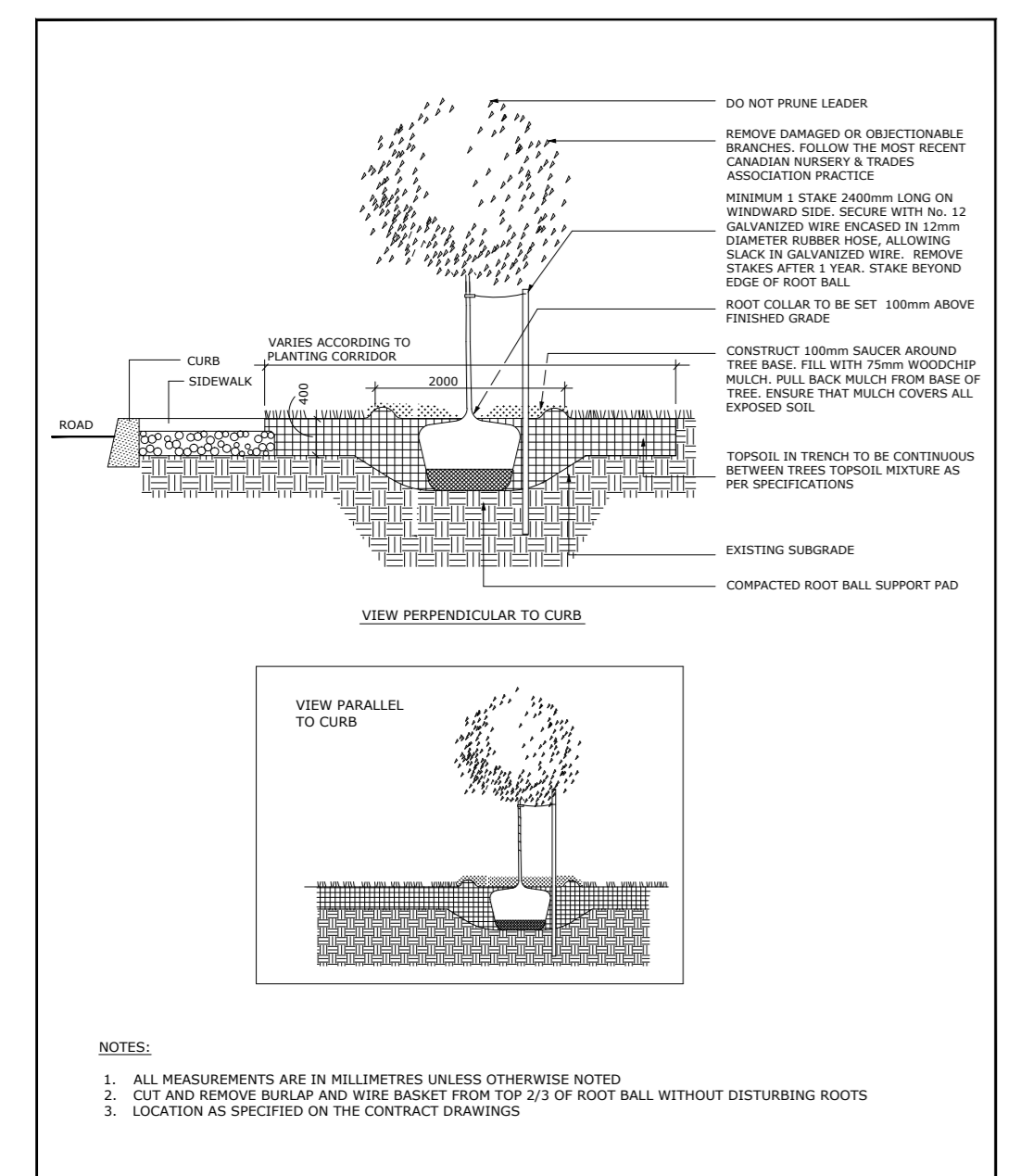
Ruhland & Associates Ltd
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project
439 CHURCHILL AVENUE ADDITION OTTAWA, ON

drawing title
LANDSCAPE PLAN

scale 1:100	drawn by C. Reed	designed by C. Reed
date March 2024	checked by M. Ruhland	plot date March 11th, 2022
project number 21-1648	drawing number L01	

Contractor to check and verify all dimensions on the job



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

SOIL VOLUME NOTES TO GO WITH L1 TREE SOIL VOLUME REQUIREMENTS:
- TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 450mm 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 CONDUVIVE TO TREE GROWTH, AN ADDITIONAL LAYER OF PLANTING MEDIUM IS TO BE INSTALLED BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN 450-1000mm SOIL VOLUME DEPTH REQUIRED.
- REFER TO SOIL VOLUME CHART AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.

ADDITIONAL NOTES FOR NUMBER 5:
100mm DEPTH GRANULAR 'A' TO BE USED (AFTER APPROVAL) ONLY IN PEDESTRIAN WHERE NO SNOW REMOVAL IS PLANNED. ALL OTHER PEDESTRIAN AREAS ARE TO RECEIVE 150mm COMPACTED GRANULAR 'A' MINIMUM, VEHICULAR 200mm MINIMUM. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.