

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

PLAN TO BE READ IN CONJUNCTION WITH TREE INFORMATION
REPORT PREPARED BY IFS ASSOCIATES INC

TREE SOIL VOLUME CALCULATIONS - 1291 Summerville Avenue				
Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA TARGET SOIL VOLUME (m3)	Design Soil Volume	SOIL ADEQUACY percentage
AREA A - 1 Large Shrub in plant bed* Plant bed (6 sq m x 0.4 metre deep average)	1	2.0	2.4	120.00%
AREA B - 1 ornamental tree in plant bed plant bed (19.5 sq m x .8 metre deep ave)	1	15.0	15.6	104.00%
AREA C - 1 small tree in plant bed Plant bed (25 sq m x .8 metre deep ave)	1	20.0	20.0	100.00%
AREA A - 1 Large Shrub in plant bed* plant bed (7 sq m x .4 metre deep ave)	1	2.0	2.4	120.00%

* Large shrubs where soil volumes do not support trees

Plant List					
ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
Trees					
BnC	1	Betula nigra Clump	River Birch	50mm cal.	WB, Staked
Ms	1	Magnolia stellata	Star Magnolia	250cm ht.	BB Staked
Large Shrubs					
CaW	1	Caragana arborescens 'Walker'	Walker's Weeping Caragana	125cm stem	Potted
HpG	1	Hydrangea paniculata 'Grandiflora' standard	Peegee Hydrangea standard	125cm stem	Potted
Shrubs					
Sjs	25	Spirea japonica 'Shirobana'	Spirea Shirobana	100cm ht.	Potted
Perennials					
PvA	18	Low Flowering perennials		150mm Pot	50cm o.c.
PvB	35	Flowering perennials		150mm Pot	60cm o.c.
PvC	45	Ornamental Grasses		150mm Pot	60cm o.c.

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

Perennial types (invasive species such as Miscanthus are not to be planted)
PvA: Low Flowering perennials up to 30cm ht (minimum 5 species mix): Cranesbill Geranium, Sweet Woodroffe, Low Meadow Sage, Coral Bells, Dianthus, Lung Wort, low Phlox.

PvB: Tall Flowering Perennials (minimum 5 species mix): Shasta Daisy, Coneflower, Veronica, Tall Meadow and Russian Sage, Tall Phlox, Rudbeckia

PvC: Ornamental Grasses (minimum 2 species mix): feather Reed Gras, Switch grass, Tufted Hairgrass

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.
- No other trees to be removed without prior approval by Landscape Architect.

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1	City submission	Nov. 18/21
no.	issue / revision	date

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north

seal

project
1291 SUMMERVILLE

1291 Summerville
Avenue Ottawa, ON

drawing title
LANDSCAPE PLAN

scale 1:100	drawn by M. Malkov	designed by R. Ruhland
date October 2021	checked by R. Ruhland	plot date -
project number 21-1662	drawing number L - 01	

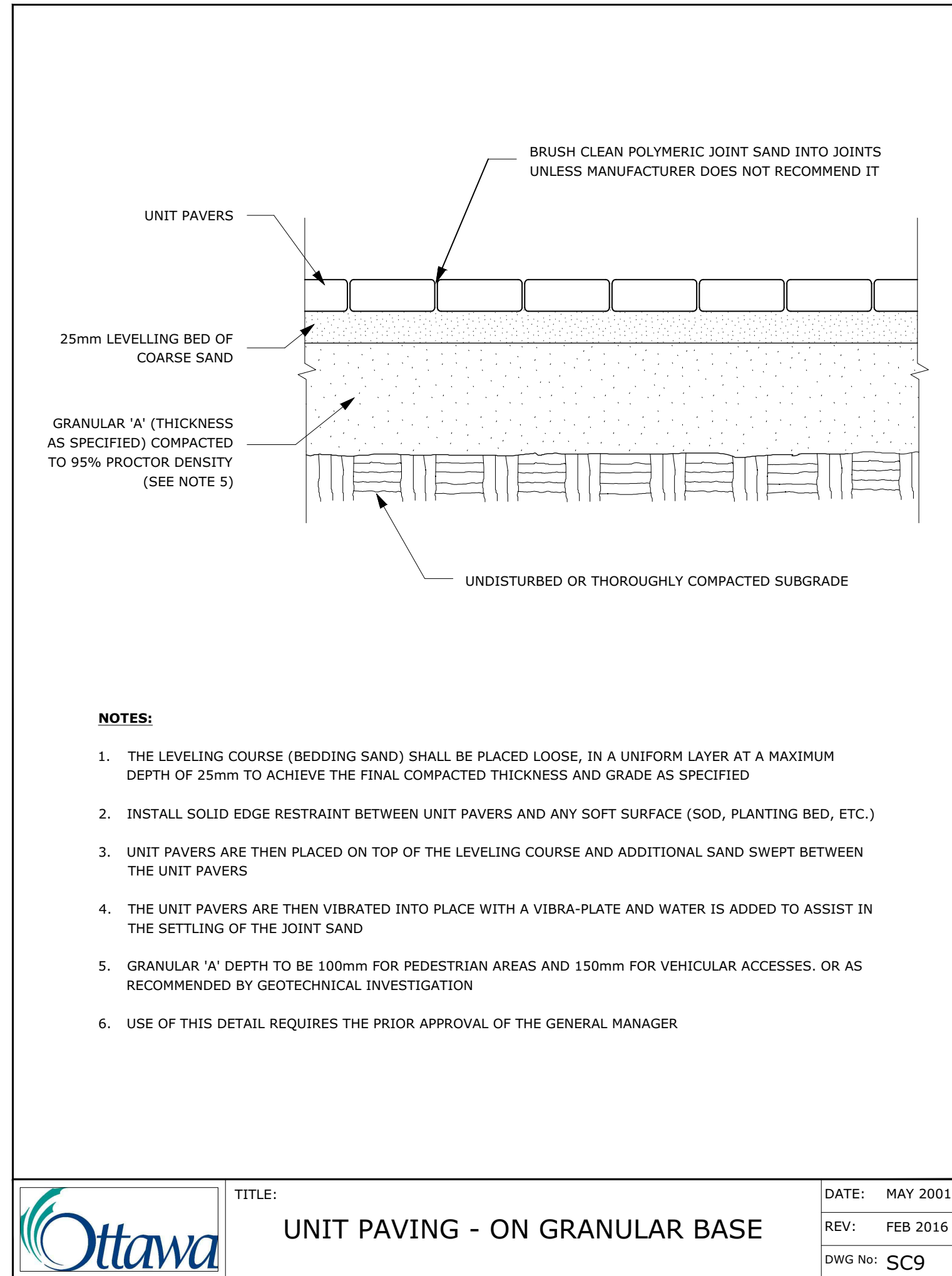
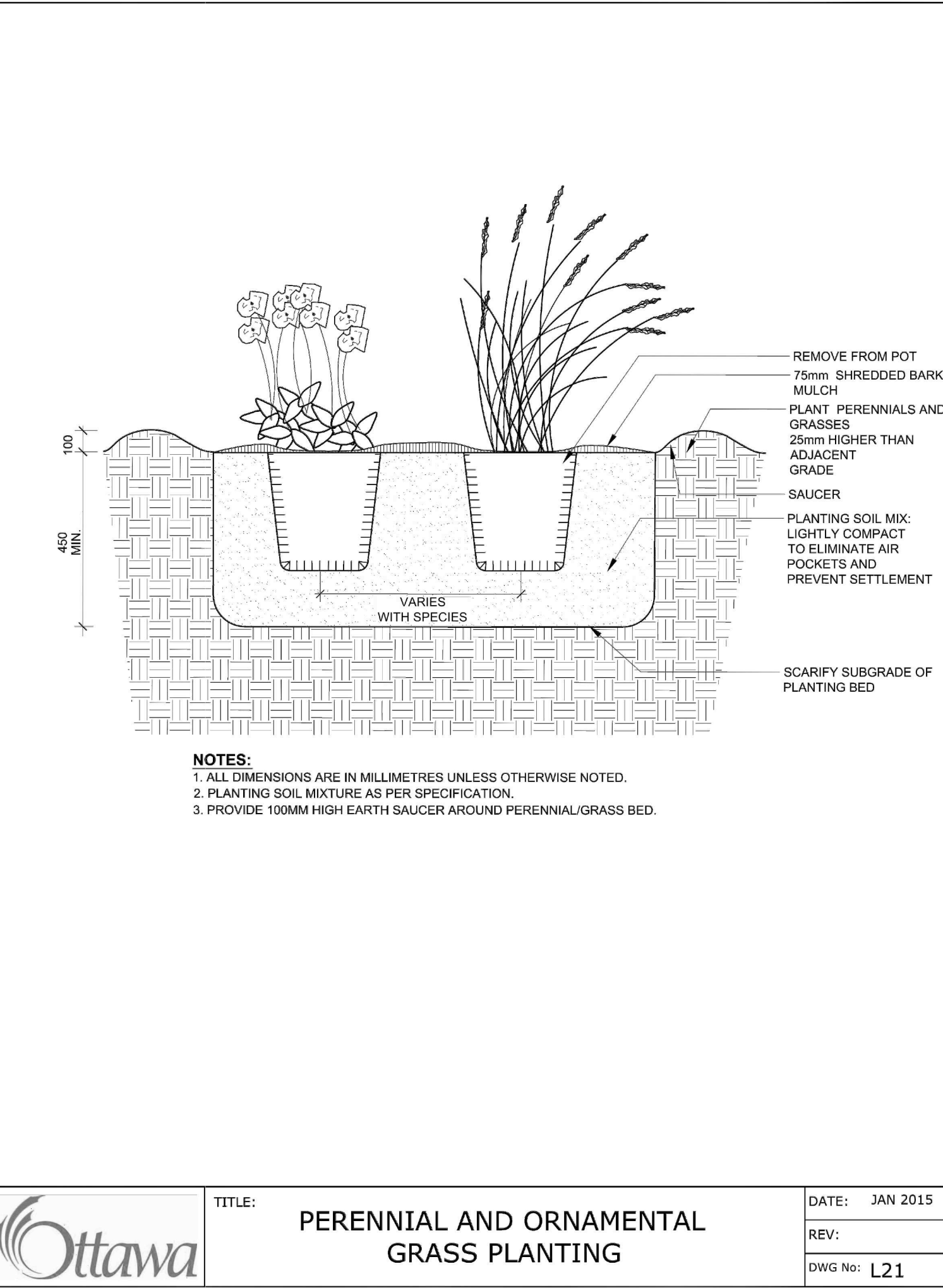
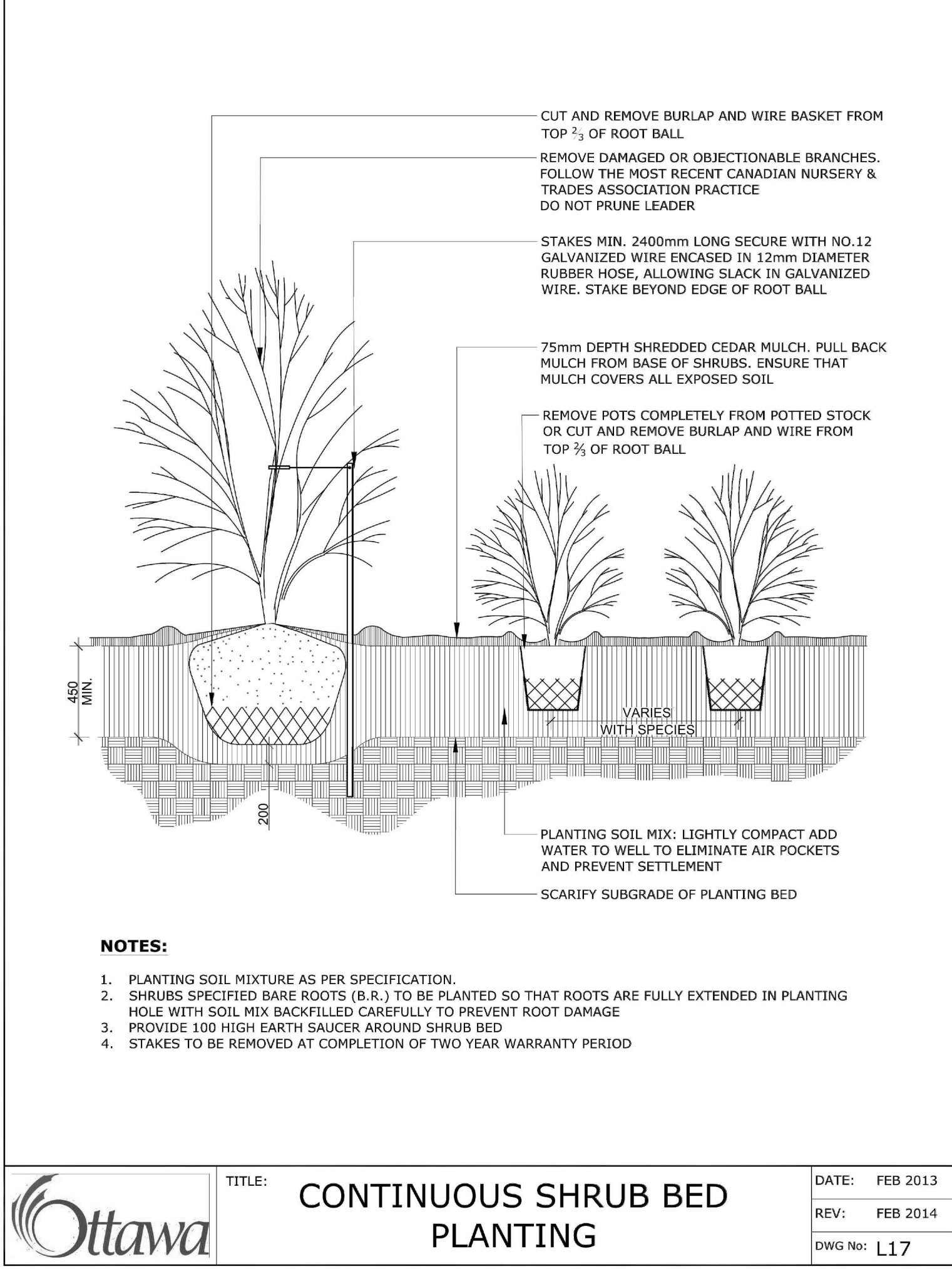
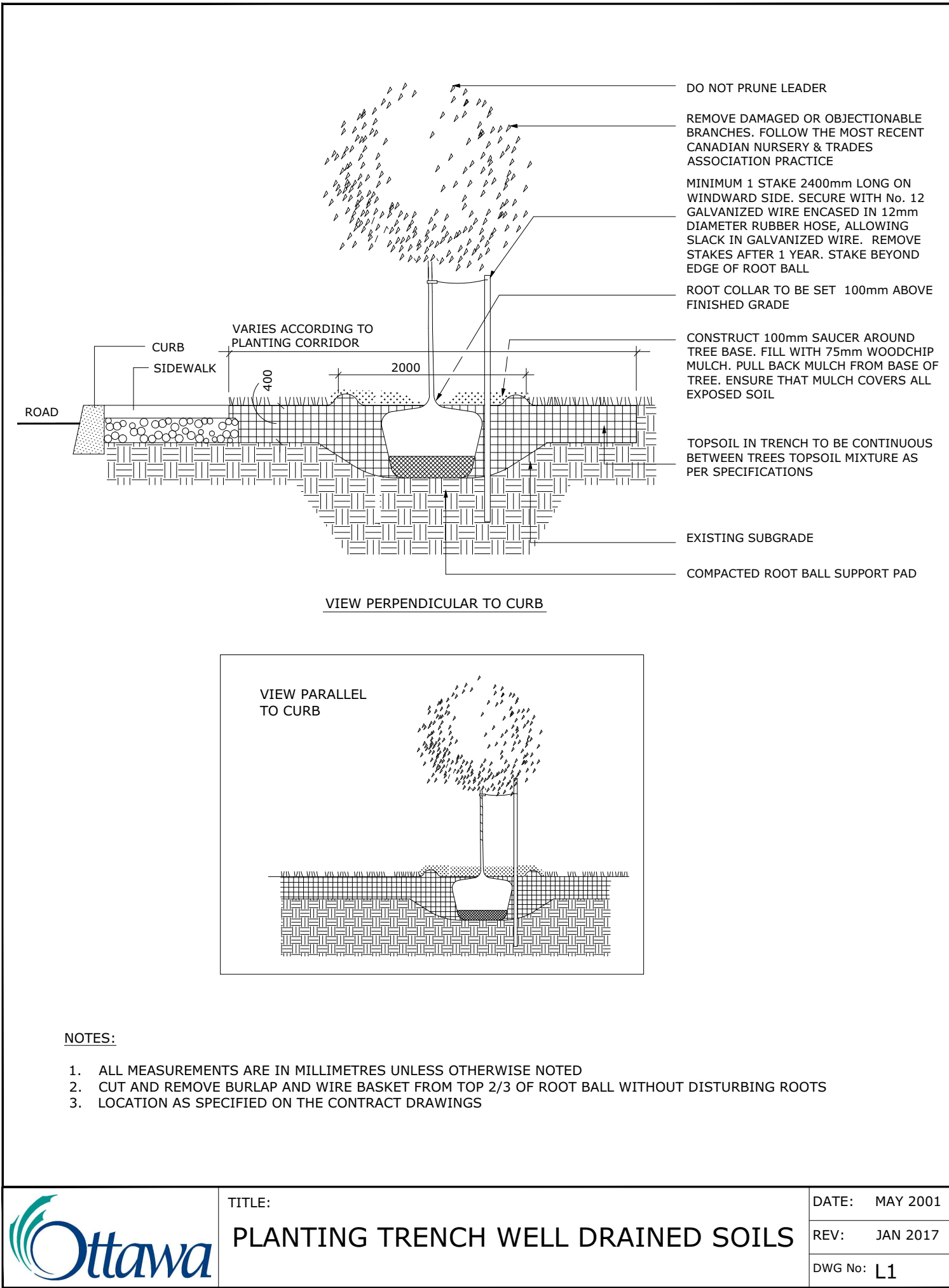
Contractor to check and verify all dimensions on the job

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.



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.

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LANDSCAPEDETAILS

scale NTS	drawn by M. Malkov	designed by R. Ruhland
date October 2021	checked by R. Ruhland	plot date -

project number 21-1662	drawing number L - 02
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