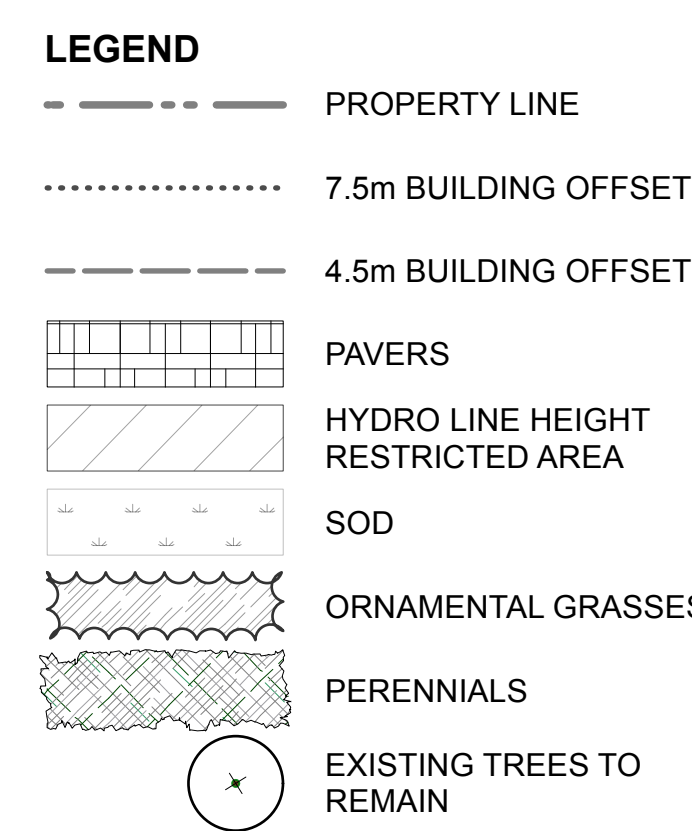


Plant List

ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
MEDIUM TREES: 7.5 - 14m ht					
Agl	2	Aesculus glabra	Ohio Buckeye	50mm caliper	WB, Staked
GbAG	2	Ginkgo biloba 'Autumn Gold'	Autumn Gold Maidenhair Tree	60mm caliper	WB, Staked
Gt	2	Gleditsia triacanthos var. inermis 'Impcoale'	Imperial Honeylocust	70mm caliper	WB, Staked
UF	1	Ulmus minor x parvifolia 'Frontier'	Frontier Elm	60mm caliper	WB, Staked
SMALL TREES: 4.5 - 7.0m ht					
Agn	3	Acer ginnala	Amur Maple	50mm caliper	WB, Staked
AcB	4	Amelanchier canadensis 'Ballerina'	Ballerina Serviceberry (tree form)	50mm caliper	WB, Staked
CrT	2	Cornus racemosa	Gray Dogwood (Tree form)	50mm caliper	WB, Staked
MHG	2	Malus x 'Harvest Gold'	Harvest Gold Crabapple	50mm caliper	WB, Staked
MM	4	Malus x 'Makamik'	Makamik Crabapple	50mm dia.	WB, Staked
PtFA	2	Picea pungens glauca 'Fat Albert'	Fat Albert Colorado Blue Spruce	125cm ht	WB, Staked
PcAP	1	Pinus cembra 'Algonquin Pillar'	Algonquin Pillar Swiss Stone Pine	125cm ht	WB, Staked
SrIS	3	Syringa reticulata 'Ivory Silk'	Ivory Silk Tree Lilac	50mm caliper	WB, Staked
SMALL ORNAMENTAL TREES: 4.5m ht max (3.5m max under hydro lines)					
CaW*	2	Caragana arborescens 'Walker'	Walker's Weeping Peashrub	125cm STEM	WB, Specimen
MaP	7	Morus alba 'Pendula'	Weeping Mulberry, male	150cm stem	Fruitless, B&B
MsR	12	Malus sargentii 'Rosea'	Pink Flowering Crabapple	45mm caliper	WB, Staked
PmT	4	Pinus mugo 'Tannenbaum'	Tannenbaum Mugo Pine	75cm spd	2m o.c.
SHRUBS					
HpFL	6	Hydrangea paniculata 'Fire Light'	Fire Light panicle hydrangea	2 gallon pot	0.9m o.c.
JcPP	4	Juniperus communis 'Pencil Point'	Pencil Point Juniper	150cm stem	Potted
PoTW	6	Physocarpus opulifolius 'Tiny Wine'	Tiny Wine Dwarf Ninebark	50cm ht.	Potted
SbA	25	Spiraea bumalda 'Anthony Waterer'	Anthony Waterer Spiraea	50cm ht.	Potted, 0.9m o.c.
SbG	13	Spiraea bumalda 'Goldflame'	Goldflame Spiraea	50cm ht.	0.9m o.c.
SJS	3	Spiraea japonica 'Shirobana'	Shirobana Spiraea	50cm ht.	0.8m o.c.
SpMK	5	Syringa patula 'Miss Kim'	Miss Kim Dwarf Lilac	100cm ht.	3 gallon Pot
PERENNIALS					
ID	Qty	Description	Types	Sched. Size	Remarks
PvA	350	Ornamental grasses	Karl Foerster Feather Reed Grass, Blue Fescue	150mm pot	40-60cm o.c.
PvB	230	Sun flowering perennials	Coneflower, Black-eyed Susan, Spiked Speedwell, Seathrift, Beebalm, Davilly, Siberian Iris, Cardinal Flower, Ozark Sundrops	150mm pot	60cm o.c.
PvC	160	Part shade flowering perennials	Siskiyou Evening Primrose, Astilbe, Hosta	150mm pot	60cm o.c.
PvD	50	Full shade perennials	Ballerina Cranesbill, Bottlebrush Grass	150mm pot	60cm o.c.



NOTE:

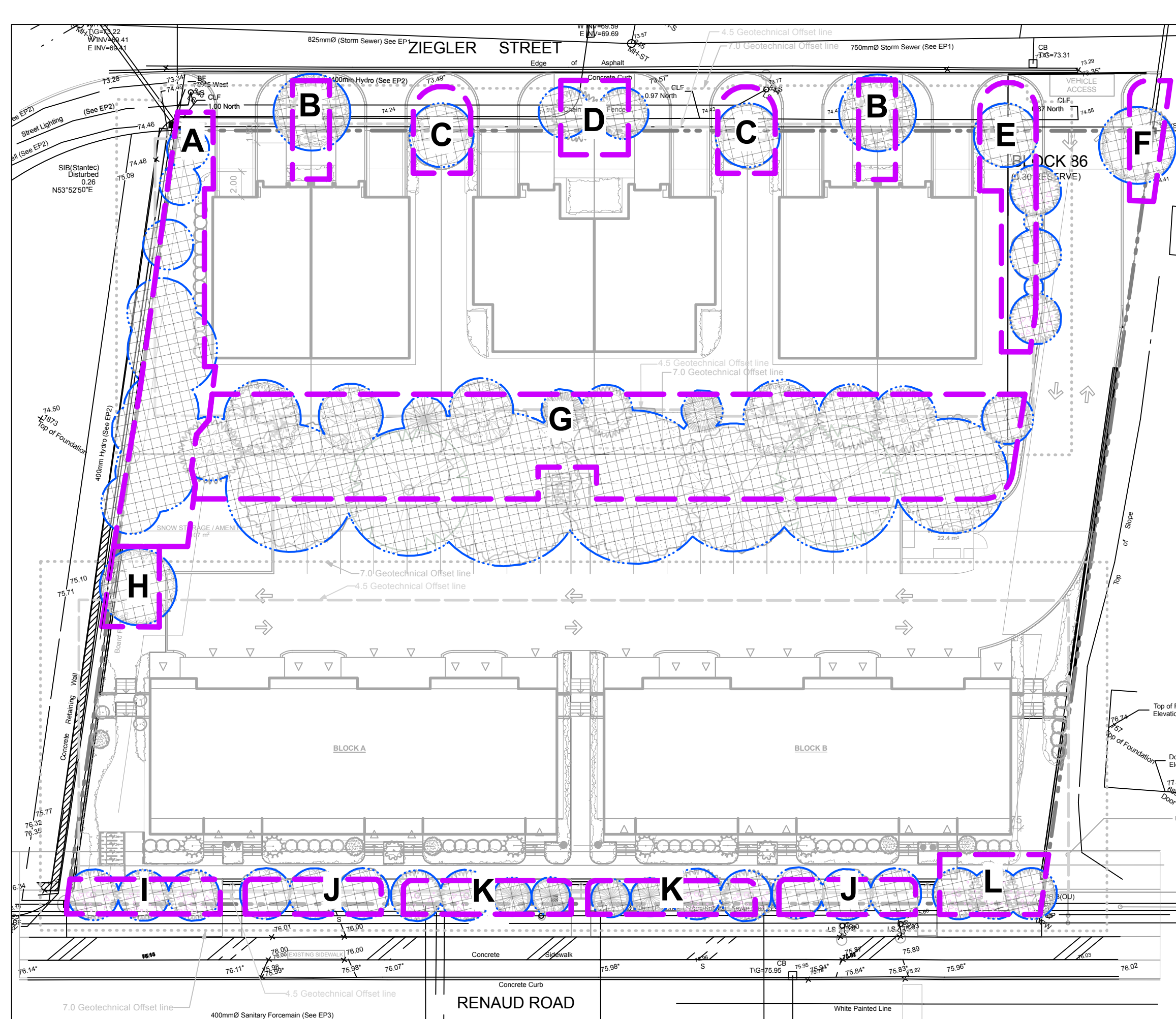
THIS PLAN IS ISSUED FOR SITE PLAN CONTROL SUBMISSION ONLY. ADDITIONAL DETAILING AND SPECIFICATIONS ARE REQUIRED PRIOR TO TENDERING OR CONSTRUCTION.

THIS PLAN IS TO BE READ IN CONJUNCTION WITH TCR BY DENDRON FORESTRY SERVICES. EXISTING TREES TO BE PRESERVED AND PROTECTED AS PER TCR.

SERVICING INFORMATION SHOWN AS REFERENCE ONLY. REFER TO CIVIL DRAWINGS.

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 the Consultant(s) 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.
- Maintain positive surface runoff through the entire construction period.
- Reinstate all areas and items damaged as a result of construction activities.



CANOPY COVERAGE CALCULATION

COVERAGE	AREA (m2)
Canopy coverage	1320
Property area	4600
Percent coverage	28.7%

SOIL VOLUME CALCULATION

Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA Target Soil Volume (m³)	Design Soil Volume	Soil Adequacy percentage
AREA A - 10 existing conifers plant bed (150 sq m x 1 ave metre deep)	10	180.0	150.0	83.33%
AREA B - 1 small tree plant bed (22 sq m x 1 ave metre deep)	1	25.0	22.0	88.00%
AREA C - 1 small tree plant bed (28 sq m x 1 ave metre deep)	1	25.0	28.0	112.00%
AREA D - 2 small trees plant bed (30 sq m x 1 ave metre deep)	2	30.0	30.0	100.00%
AREA E - 1 small tree, 3 ornamental trees, 2 *small ornamental trees plant bed (68 sq m x 0.9 ave metre deep)	6	65.0	61.2	94.15%
AREA F - 1 small tree plant bed (23 sq m x 1 ave metre deep)	1	25.0	23.0	92.00%
AREA G - 7 medium trees, 9 small trees, 3 conifers plant bed (500 sq m x 0.9 ave metre deep)	19	315.0	450.0	142.86%
AREA H - 1 small tree plant bed (25 sq m x 1 ave metre deep)	1	25.0	25.0	100.00%
AREA I - 3 ornamental trees plant bed (32 sq m x 1 metre deep)	3	36.0	32.0	88.89%
AREA J - 3 ornamental trees plant bed (29 sq m x 1 metre deep)	3	36.0	29.0	80.56%
AREA K - 2 ornamental trees, 2 *small ornamental conifers plant bed (34 sq m x 1 metre deep)	4	34.5	34.0	98.55%
AREA L - 3 ornamental trees plant bed (38 sq m x 1 metre deep)	3	36.0	38.0	105.56%

* Small ornamental trees with growth to 8cm DBH using 'How much soil to grow a big tree' by DeepRoot as a guide



NUMBER	REVISION / MILESTONE / FAT SALLANT	DATE	BY (V/M/D)	INITIALS
6				
5				
4				
3				
2	Issued for SPC	2023/06/27	MR	
1	Issued for SPC	2023/06/09	MR	

DESIGNED BY / CONSULTANT	CHECKED BY / VERIFIED PAR
M. Ruhland	M. Ruhland
T. Frost	SCALE: 1/8"=1'-0"

Ruhland & Associates Ltd
landscape architecture • urban design • site planning
Ph: 613-224-4244 Fx: 613-224-3331 info@ral.ca www.ral.ca

ARCHITECT CONSULTANT

CONSULTANT CONSULTANT

PROJECT / LOCATION

LANDRIC HOMES SEMIS & STACKED TOWN HOMES

6001 - 6005 RENAUD ROAD
OTTAWA, ONTARIO

DRAWING

LANDSCAPE / PLANTING PLAN, TREE CANOPY COVERAGE / SOIL VOLUME

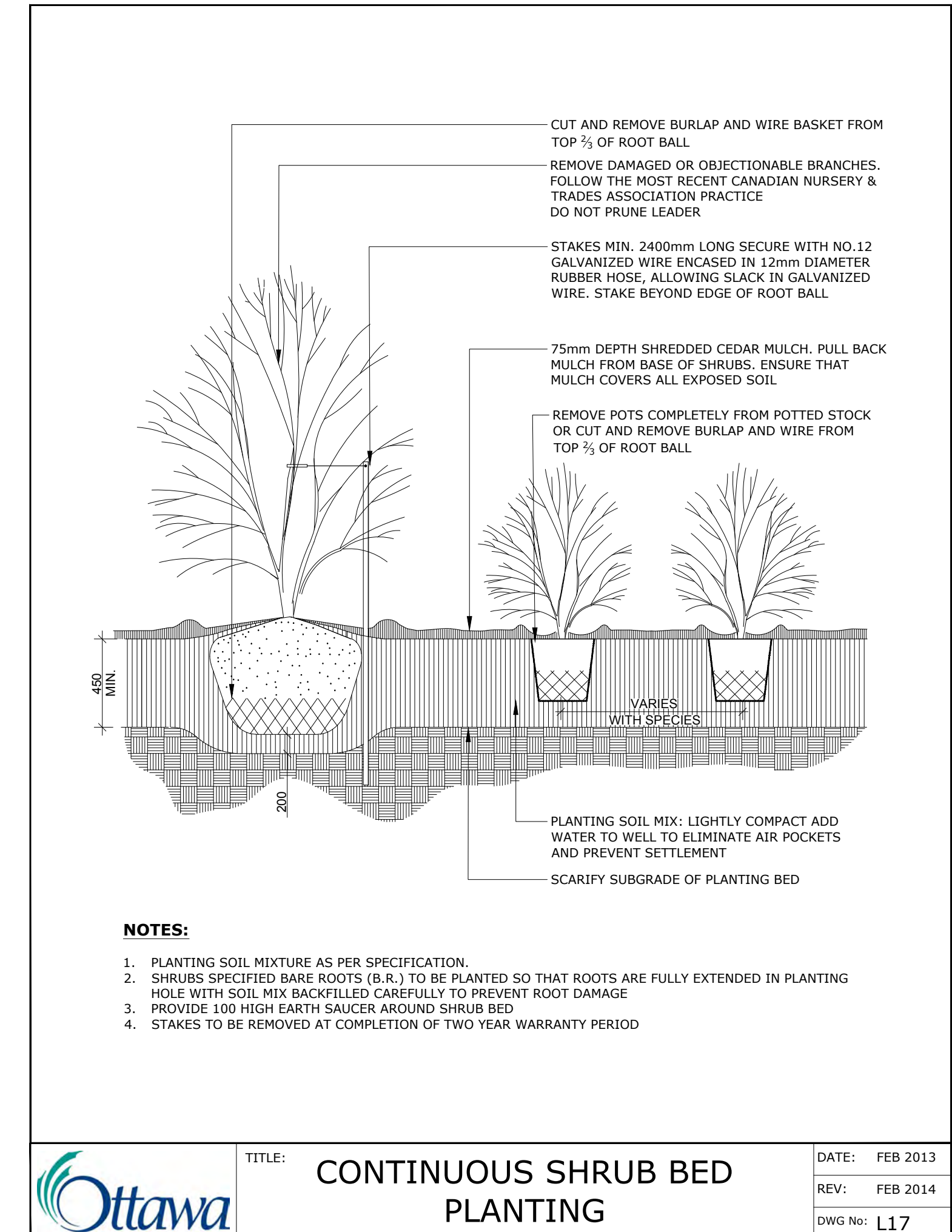
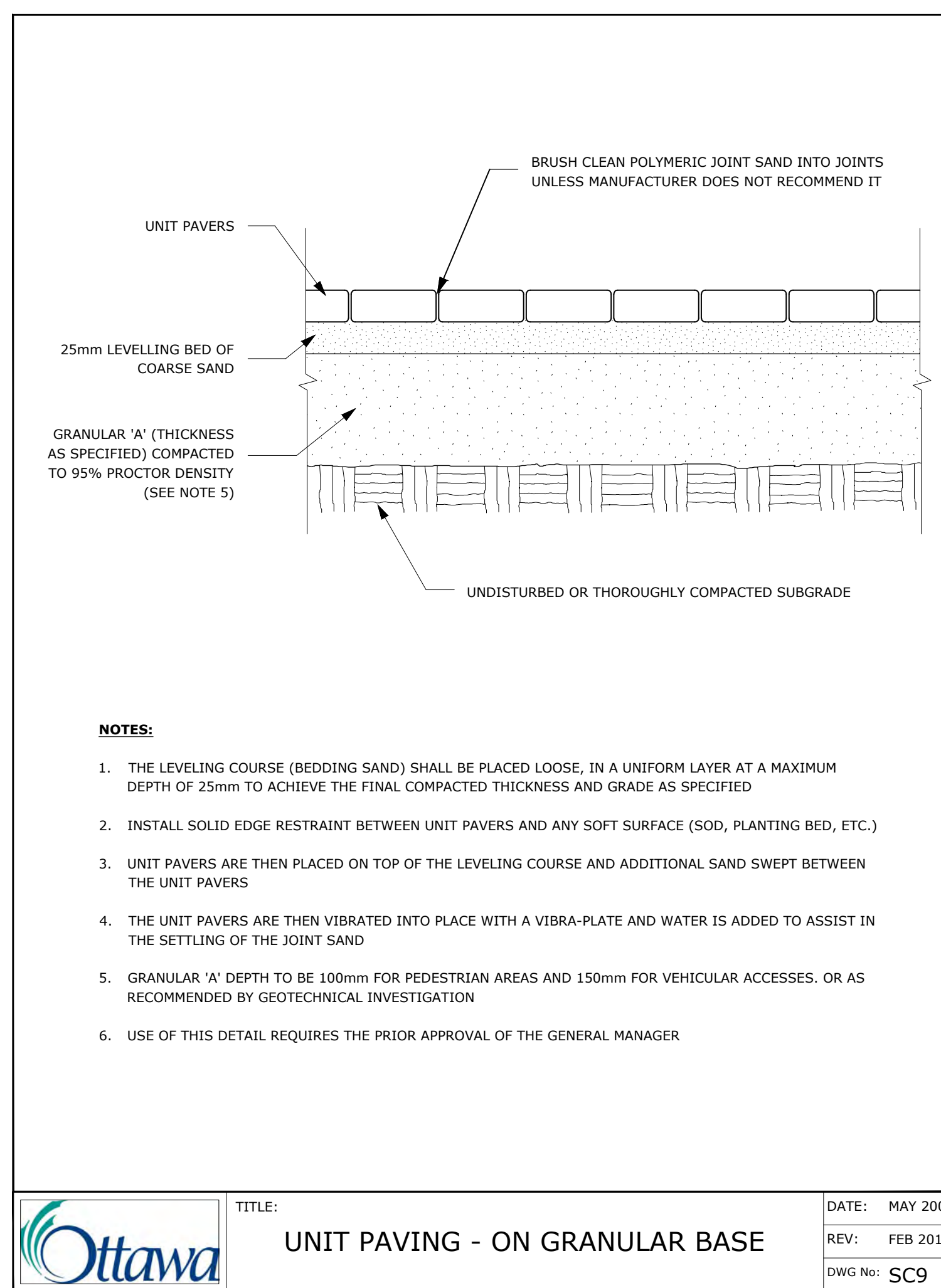
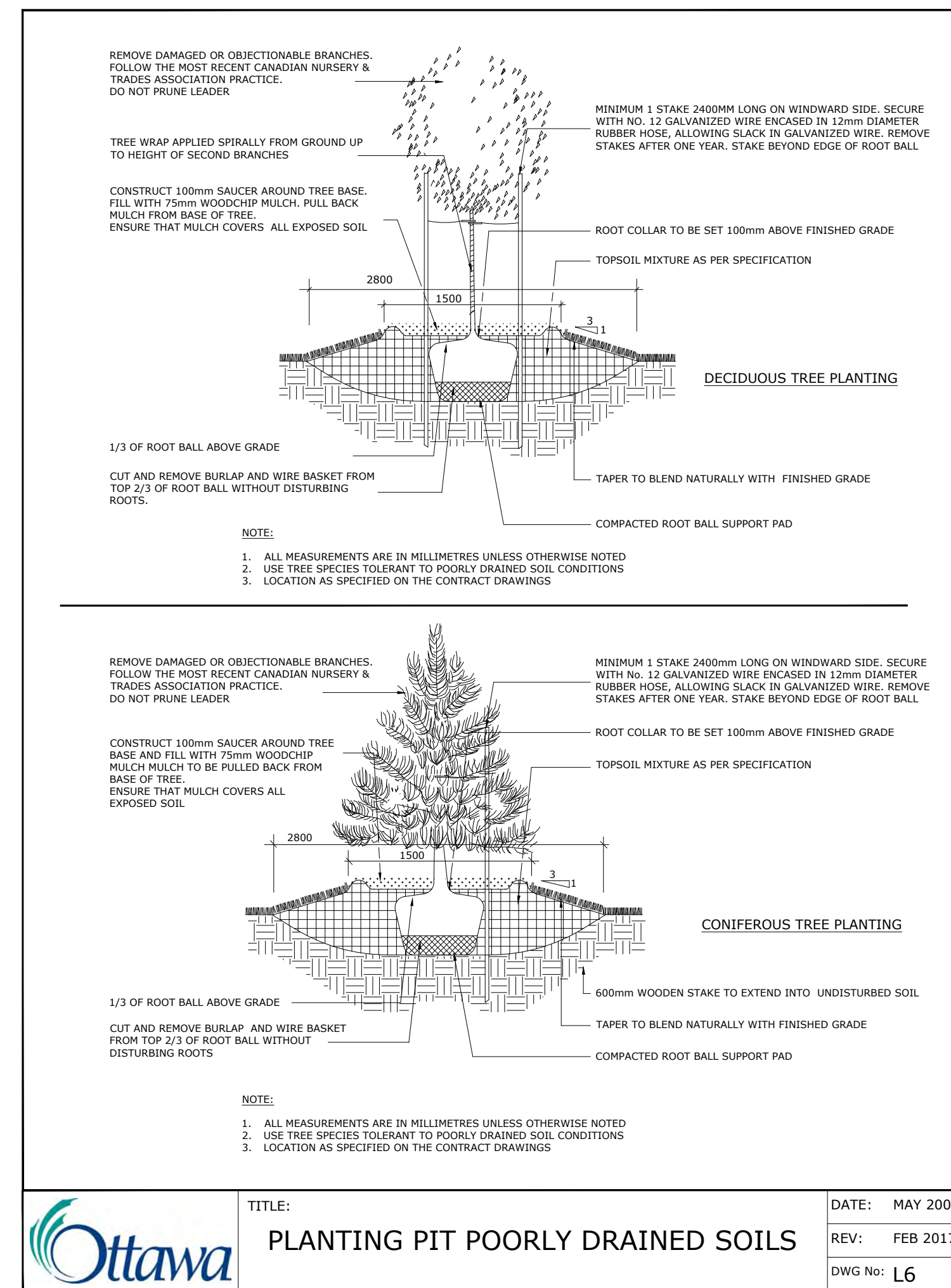
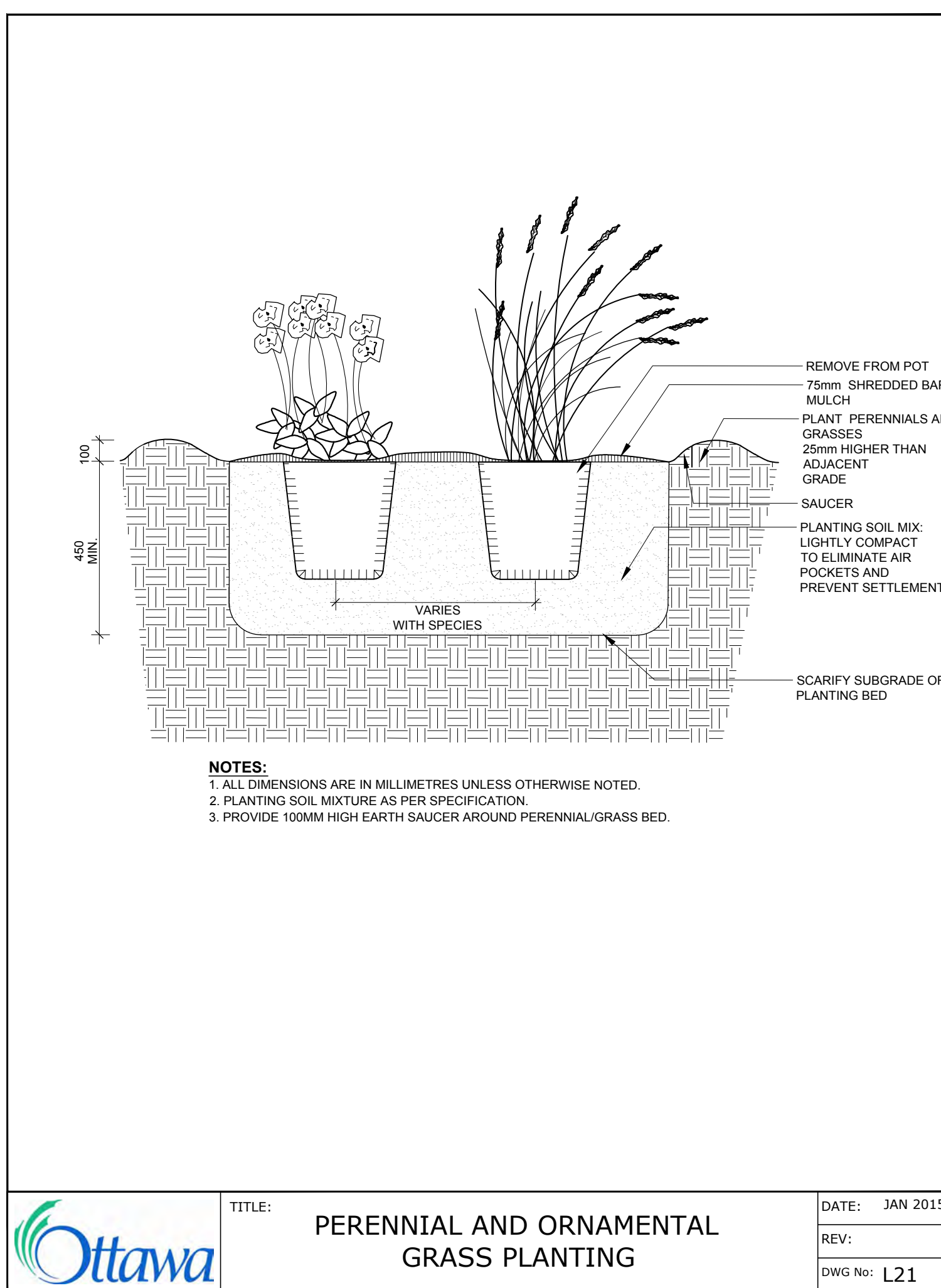
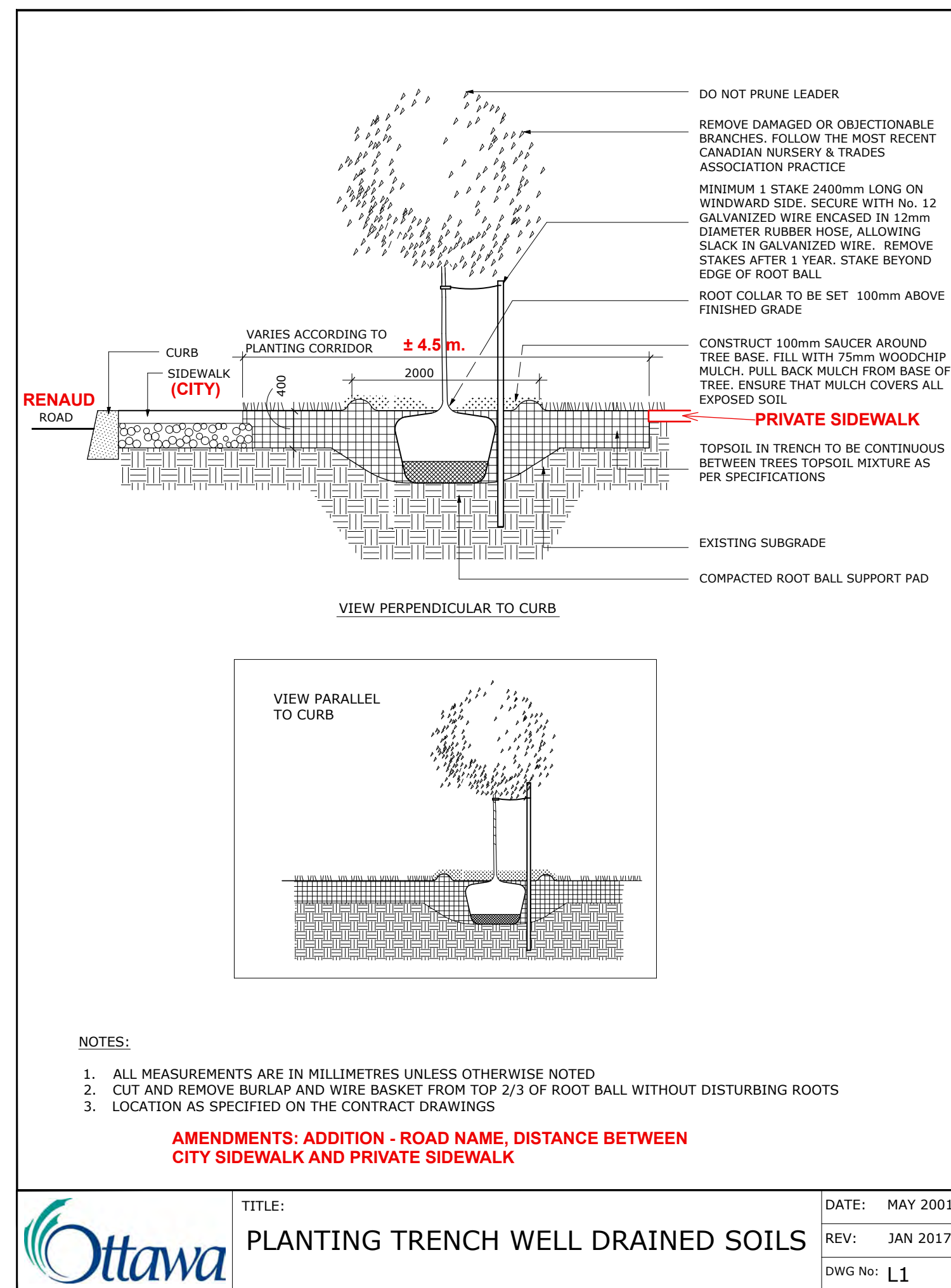
SHEET NO. **L-01**

PROJECT NO. 21-1660

TREE SOIL VOLUME REQUIREMENTS:
STANDARD TREE SOIL VOLUMES QUANTITIES
INCLUDE THE TOP 900-1000mm OF
SOIL/EXISTING SUBSOIL LAYER TO CALCULATE
TOTAL SOIL VOLUMES REQUIRED BY CITY OF
OTTAWA FOR SUSTAINABLE TREE GROWTH.
WHERE LARGER SOFT AREAS ARE AVAILABLE,
THE TOP 400-500mm LAYER IS USED TO
CALCULATE SOIL VOLUMES.

WHERE EXISTING MATERIAL BELOW THE
SPECIFIED TOPSOIL IS NOT CONDUCTIVE TO
TREE GROWTH, AN ADDITIONAL LAYER OF
PLANTING MEDIUM IS TO BE INSTALLED BELOW
SPECIFIED TOPSOIL DEPTH TO OBTAIN THE
SOIL VOLUME DEPTH REQUIRED.

REFER TO SOIL VOLUME CHART AND PLANS
FOR AREA WHERE TREE SOIL VOLUMES ARE
REQUIRED.



CLIENT / OWNER :



88 boul. St-Joseph, Gatineau, QC, J8Y 3W5
Tel: 1 819-600-1555

6			
5			
4			
3			
2	Issued for SPC	2023/06/27	MR
1	Issued for SPC	2023/06/09	MR
NUMBER	MILESTONE / FAT SALLANT	DATE	(Y/M/D) INITIALS
DESIGNED BY / CONCUI PAR		CHECKED BY / VERIFIE PAR	
M. Ruhland		M. Ruhland	
DESIGN BY / DESINE PAR		SCALE / ECHELLE	
T. Frost			

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ARCHITECT	CONSULTANT
CONSULTANT	CONSULTANT

PROJECT / LOCATION
**LANDRIC HOMES
SEMIS & STACKED TOWN HOMES**
6001 - 6005 RENAUD ROAD
OTTAWA, ONTARIO

DRAWING	SHEET NO.
DETAILS	
PROJECT NO.	L-02
21-1660	