## PATHWAYS SOUTH REGIONAL INC.

1737 WOODWARD DRIVE OTTAWA, ONTARIO

## Ruhland & Associates Ltd

landscape architecture • urban design • site planning Ph 613-224-4744 Fx 613-224-1131



Architects Constructors Managers

**Chamberlain Architect** Services Limited

4671 Palladium Way (Unit 1) Burlington, Ontario. L7M 0W9 CANADA Phone: 905.631.7777

www.chamberlainPD.com

IBI GROUP 400 – 333 Preston Street H B I 400 – 333 Preston Street
Ottawa ON K1S 5N4 Canada
tel 613 225 1311 fax 613 225 98 tel 613 225 1311 fax 613 225 9869

6			
5			
4			
3	Re-Issued for Site Plan Control	22/11/02	
2	Re-Issued for Site Plan Control	22/09/08	
1	Issued for Site Plan Control	22/06/03	
NUMBER/ NUMÉRO	MILESTONE / FAIT SAILLANT	DATE: (Y/M/D) (A/M/J)	INITIALS INITIALES

DESIGNED BY / CONCU PAR A. Ahmed / M. Ruhland M. Ruhland DRAWN BY / DESSINE PAR SCALE / ECHELLE 1:300 Γ. Frost



CONSULTANT

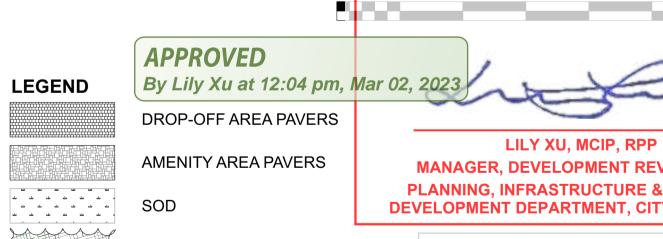
## **Landscape / Planting Plan**

Soil Volume Area, Tree Quantity and Size		OTTAWA Target Soil Volume (m³)	Design Soil Volume	Soil Adequacy percentage
AREA A - 13 large trees,8 Coniferous trees (typical)				
plant bed (650 sq m x 0.45 ave metre deep)	13	225.0	292.5	130.00%
AREA B- 4 large trees, 5 Coniferous trees (typical)				
	6	102.0	157.5	154.41%
REA C -5 large trees, 2 small trees, 3 Coniferous trees (typical)				
plant bed (310 sq m x 0.45 ave metre deep)	9	144.0	139.5	96.88%
AREA D - 4 large trees, 2 small trees (typical)				
plant bed (170 sq m x 0.45 ave metre deep)	5	78.0	76.5	98.08%
AREA E - 2 large trees, 2 small trees, 2 Coniferous trees (ty	pical)			
plant bed (95 sq m x 0.9 ave metre deep)	6	90.0	85.5	95.00%
AREA F - 3 large trees, 2 medium trees, 6 Coniferous trees (	typical)			
plant bed (325 sq m x 0.45 ave metre deep)	10	165.0	146.3	88.64%
AREA G - 2 Medium trees, 2 Small Trees				
plant bed (48 sq m x 1 ave metre deep)	4	54.0	48.0	88.89%
AREA H - 3 Small trees				
plant bed (55 sq m x 1 ave metre deep)	4	48.0	55.0	114.58%
AREA I - 2 Small trees				
plant bed (20 sq m x 1 ave metre deep)	2	24.0	20.0	83.33%
AREA J - 1 medium tree, 1 Ornamental trees				
plant bed (22 sq m x 1 ave metre deep)	2	24.0	22.0	91.67%
AREA K - 3 medium trees	<u> </u>			
plant bed (40 sq m x 1 ave metre deep)	3	45.0	40.0	88.89%

Trees in large grassed areas show an average depth of 45cm planting soil to average out depths of grassed areas and rootballs as per City of Ottawa detail L1. Trees in islands and other confined spaces show a depth of 90-100cm planting soil.

<b>Plant</b>	List	t			
ID	Qty	<b>Botanical Name</b>	Common Name	Scheduled Size	Remarks
		TREES			
ArAS	8	Acer rubrum 'Autumn Spire'	Red Maple	50mm caliper	WB Staked
Ac	10	Amelanchier canadensis	Serviceberry	45mm caliper	WB, Staked
Со	7	Celtis occidentalis	Hackberry	90mm caliper	WB Staked
Ccg	4	Crataegus crus-galli inermis	Thornless Cockspur Hawthorn	45mm caliper	WB, Staked
GbAG	7	Ginkgo biloba 'Autumn Gold'	Autumn Gold Maidenhair Tree	60mm caliper	WB Staked
MHG	4	Malus x `Harvest Gold`	Harvest Gold Crabapple	50mm caliper	WB, Staked
Ov	2	Ostrya virginiana	Ironwood	50mm caliper	WB Staked
Pg	3	Picea glauca	White Spruce	200cm ht	WB, Staked
Pp	9	Picea pungens	Colorado Spruce	200cm ht	WB, Staked
PcAP	1	Pinus cembra 'Algonquin Pillar'	Algonquin Pillar Swiss Stone Pine	200cm ht	W.B. Staked
Qm	2	Quercus macrocarpa	Burr Oak	70mm caliper	WB, Staked
Qr	7	Quercus rubra	Northern Red Oak	60mm caliper	WB Staked
UF	5	Ulmus 'Frontier'	Frontier Elm	70mm caliper	WB Staked
		SHRUBS			
HaA	30	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	2 gallon pot	0.9m o.c.
lv	64	llex verticillata	Winterberry	125cm ht.	Potted
PoD	61	Physocarpus opulifolius 'Diablo'	Diablo Ninebark	50cm ht.	Potted
ToDS	15	Thuja occidentalis 'Degroot's Spire'	Degroot's Spire Arborvitae	175cm ht	175cm ht
		PERENNIALS			
PvB	125	Flowering perennials for shade		150mm pot	
PvA	595	Flowering Perennials for sun		150mm pot	
PvC	520	Ornamental Grasses		150mm pot	

PvA – Flowering perennials for sun, min 2 varieties of each: Shasta Daisy vars, Daylily (reds, yellows), Coneflower, Black-eyed Susan, Speedwell PvB - Flowering perennials for shade, min 2 varieties of each: Daylily, Coral Bells (burgundies), Hosta, Cranesbill Geranium, Ostrich Fern PvC – Ornamental Grasses (tall in centre): Karl Foerster Reed Grass, Heavy Metal Switch Grass, Blue Fescue



FLOWERING PERENNIALS

ORNAMENTAL GRASSES

THIS PLAN IS ISSUED FOR SITE PLAN CONTROL SUBMISSION ONLY.

**SERVICING INFORMATION SHOWN AS** 

DRAWINGS FOR SITE SERVICING AND

REFERENCE ONLY. REFER TO CIVIL

ADDITIONAL DETAILING AND

PRIOR TO TENDERING OR

CONSTRUCTION.

GRADING.

SPECIFICATIONS ARE REQUIRED

NOTE:

SOIL VOLUME AREA IDENTIFIER

MANAGER, DEVELOPMENT REVIEW SOUTH **PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA** 

> **GENERAL NOTES** .1 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. .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

adequate protection from damage. .3 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

the location of utilities and shall be responsible for

.4 Obtain approval of the Consultant(s) for granular base and layout of all pavement areas prior to

.5 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. .6 Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

construction period. .8 Reinstate all areas and items damaged as a result of construction activities.

.7 Maintain positive surface runoff through the entire

CONSULTANT CONSULTANT

**4840 BANK STREET** 

4840 BANK STREET OTTAWA, ONTARIO

PROJECT / LOCATION

ARCHITECT

LANDSCAPE / PLANTING **PLAN** 

PROJECT NO.

L-01 22-1686

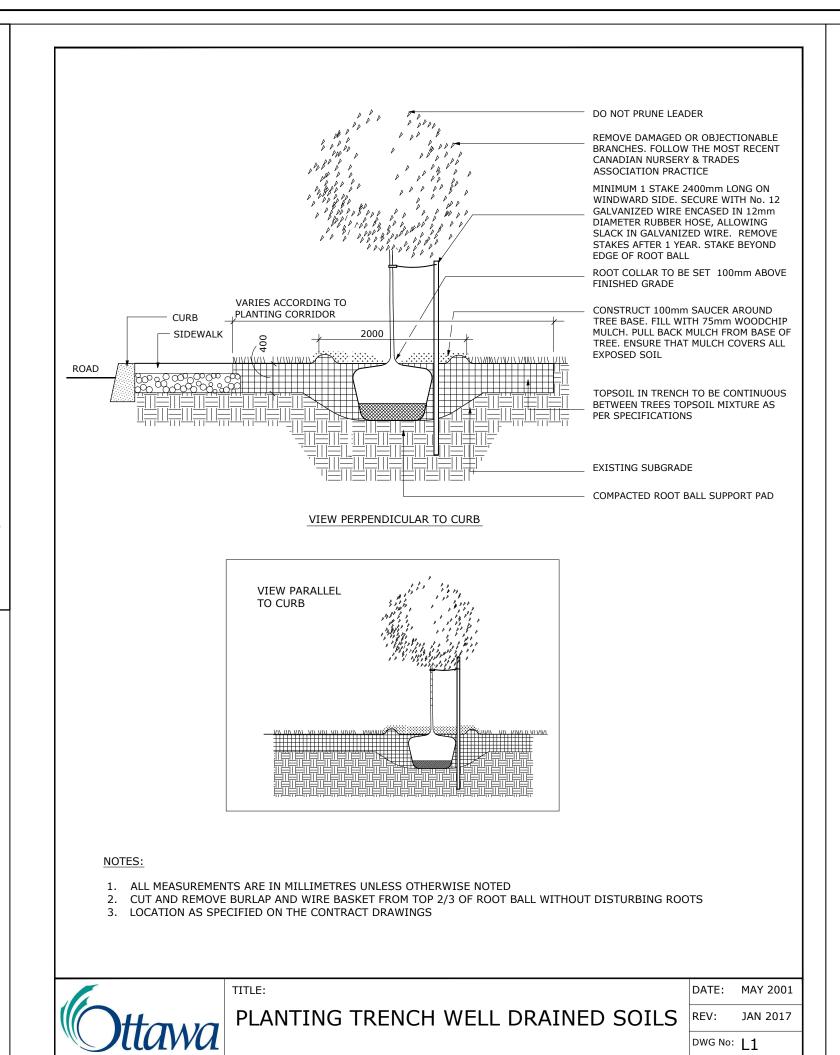
CITY PLAN No. xxxxx

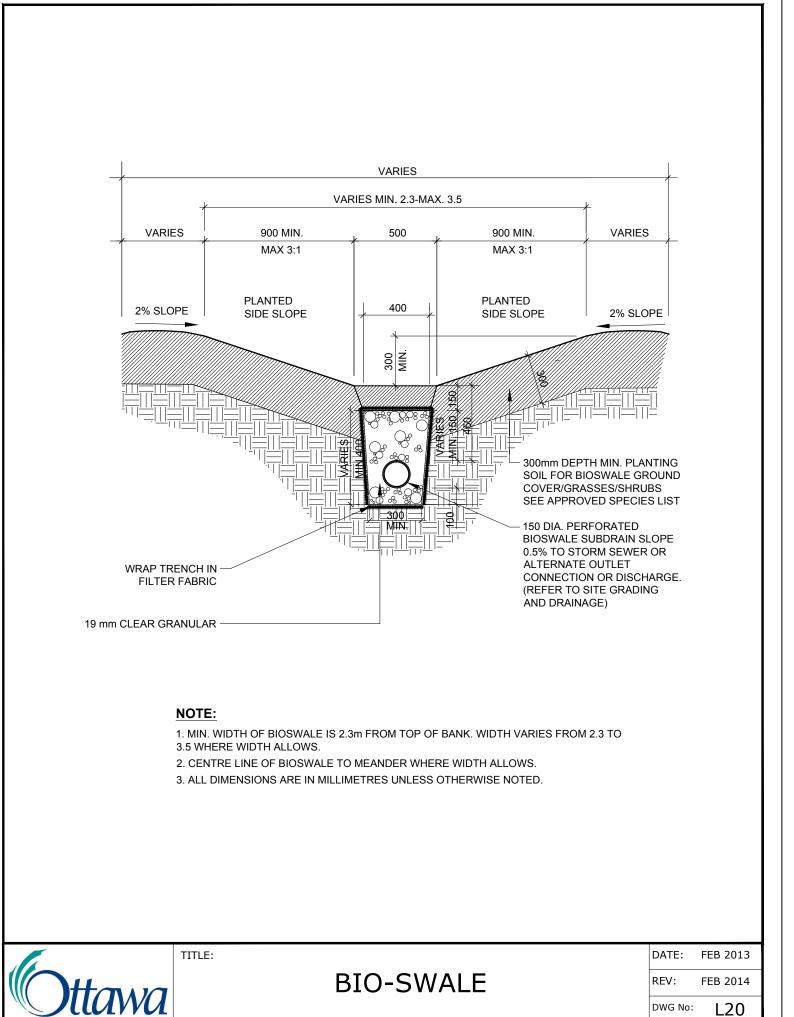
## **NOTES:**

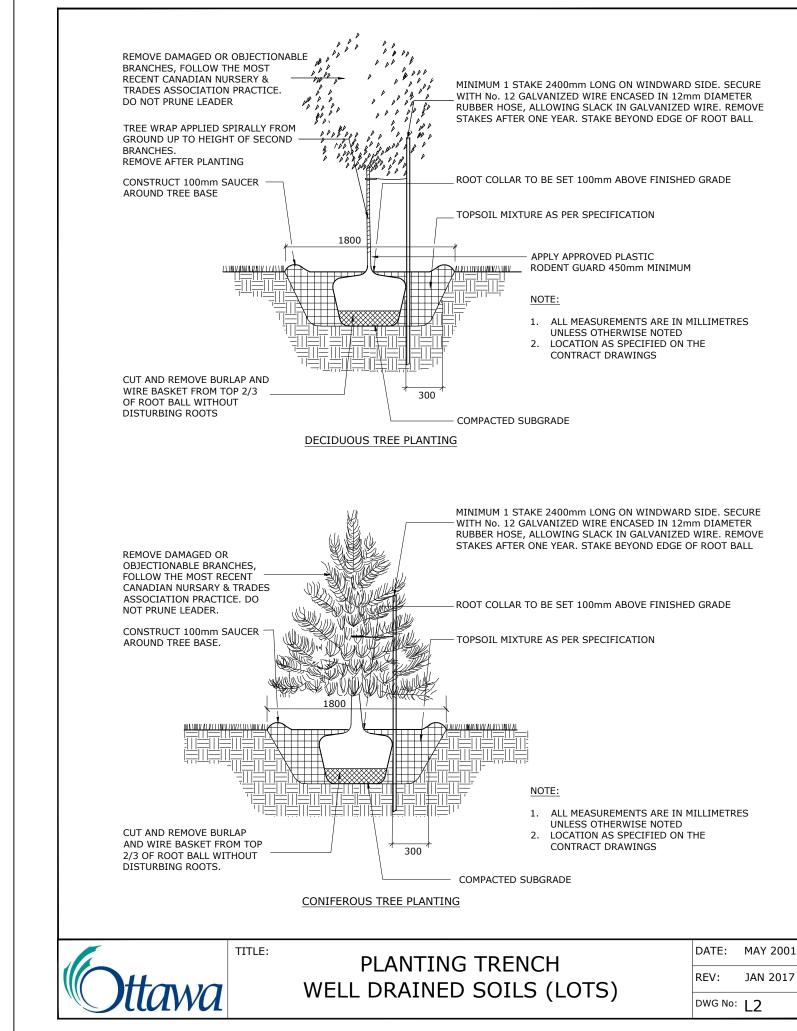
TREES ARE TO BE INSTALLED AS PER CITY STANDARD DETAILS; SOIL VOLUME AS PER BELOW NOTES AND MATRIX ON SHEET L-01. - STANDARD TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900-1000mm OF SOIL/EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY THE CITY OF OTTAWA FOR SUSTAINABLE TREE GROWTH. WHERE LARGER SOFT AREAS ARE AVAILABLE, THE TOP 400-500mm LAYER IS USED TO CALCULATE SOIL VOLUMES.

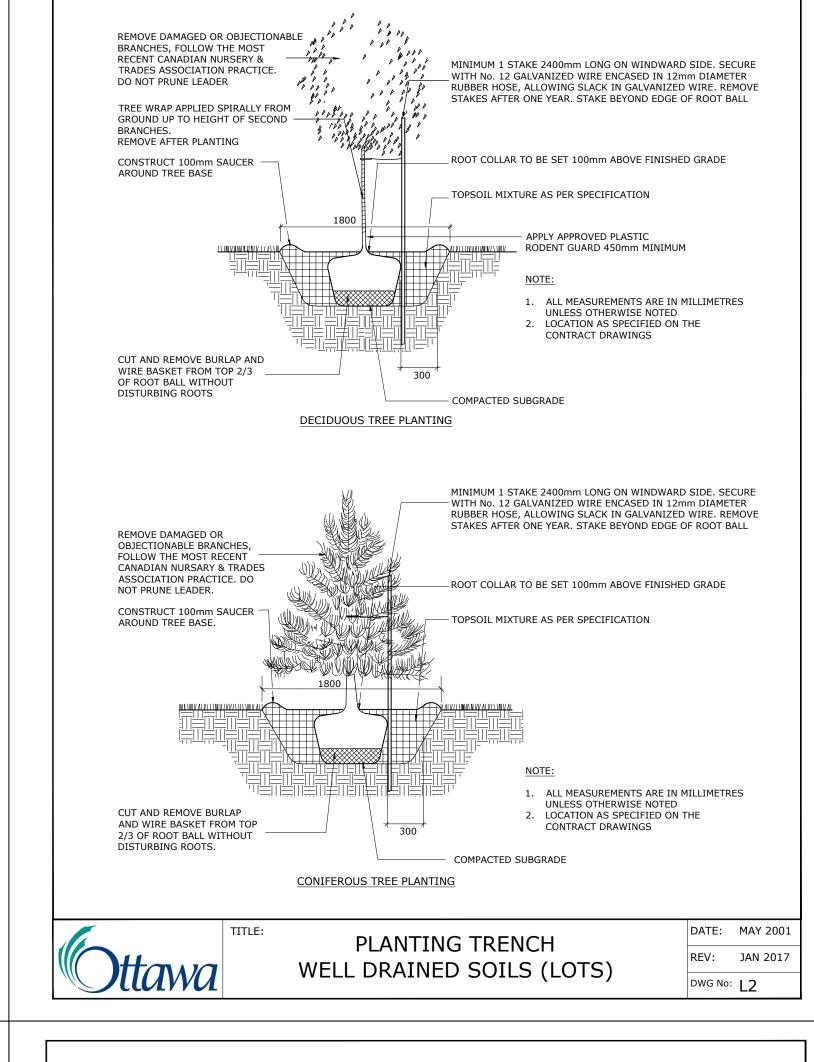
- WHERE EXISTING MATERIAL BELOW THE SPECIFIED TOPSOIL IS NOT CONDUCIVE TO TREE GROWTH, AN ADDITIONAL LAYER OF PLANTING MEDIUM IS TO BE INSTALLED BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN THE SOIL VOLUME DEPTH REQUIRED.

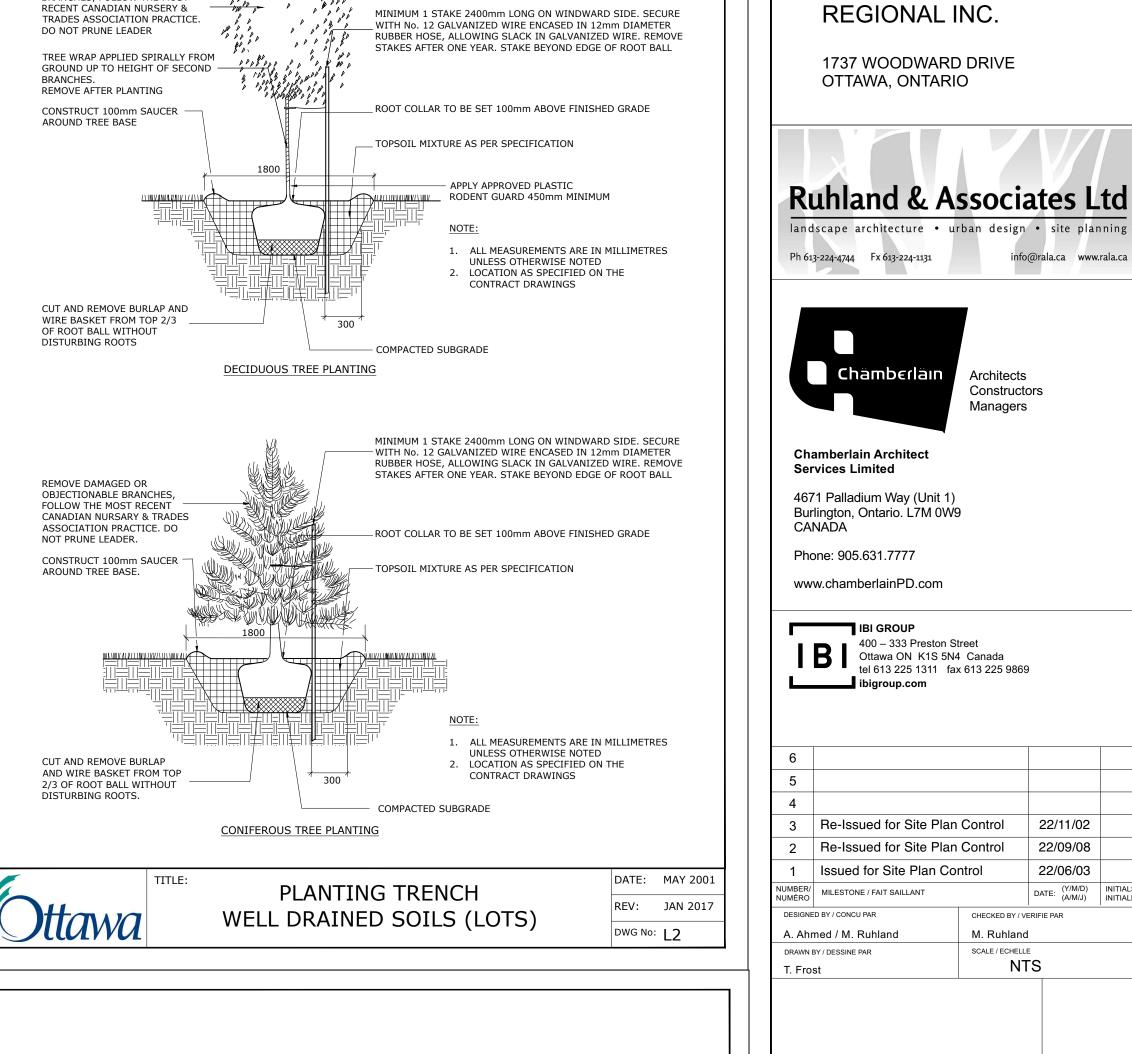
- REFER TO SOIL VOLUME MATRIX AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.

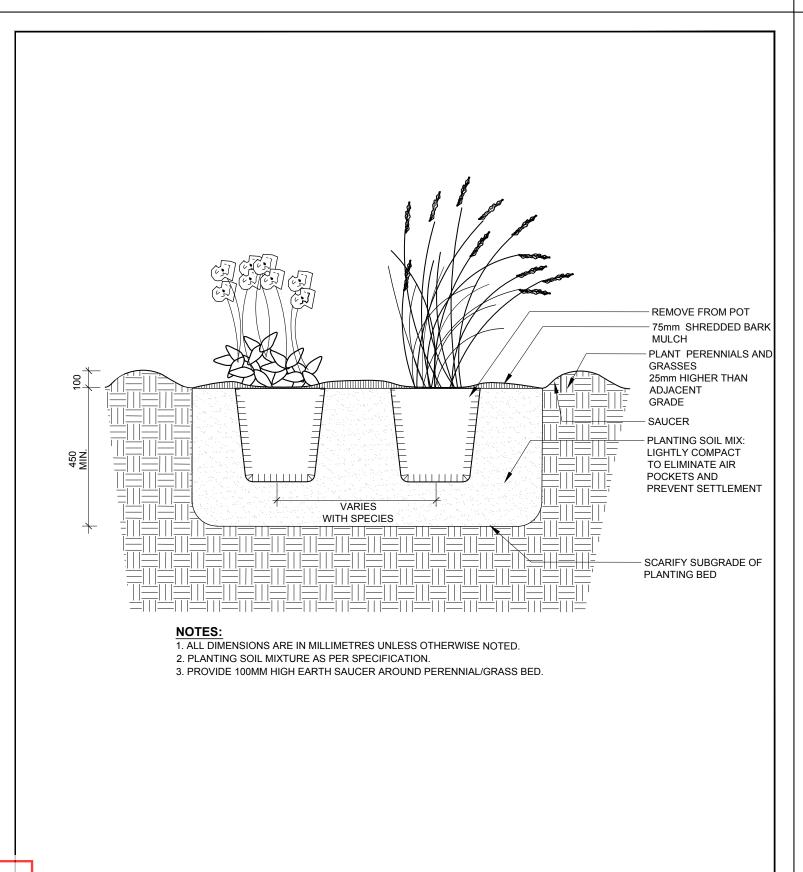


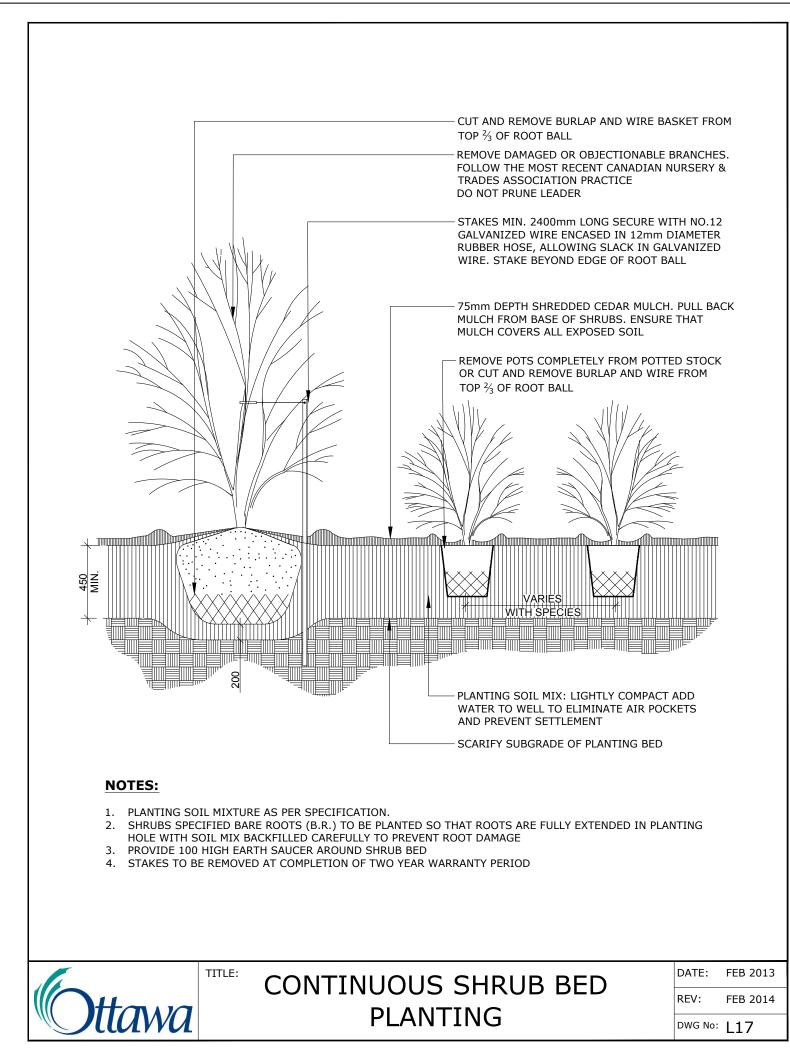


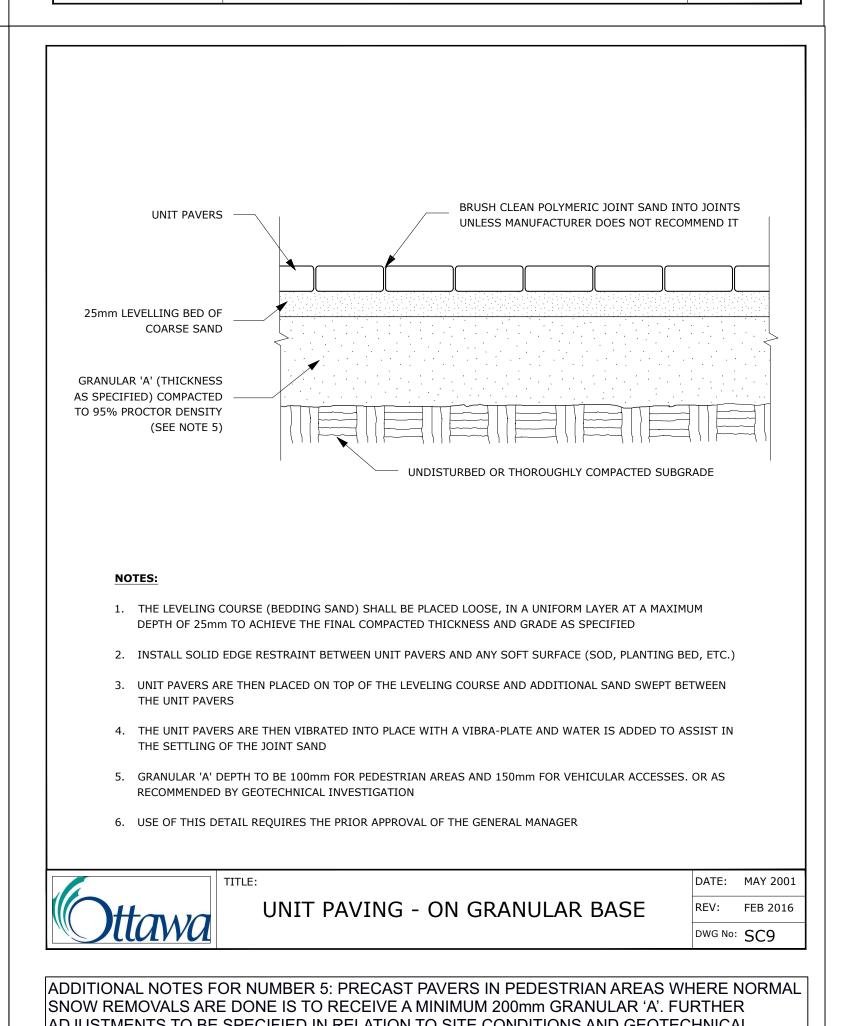


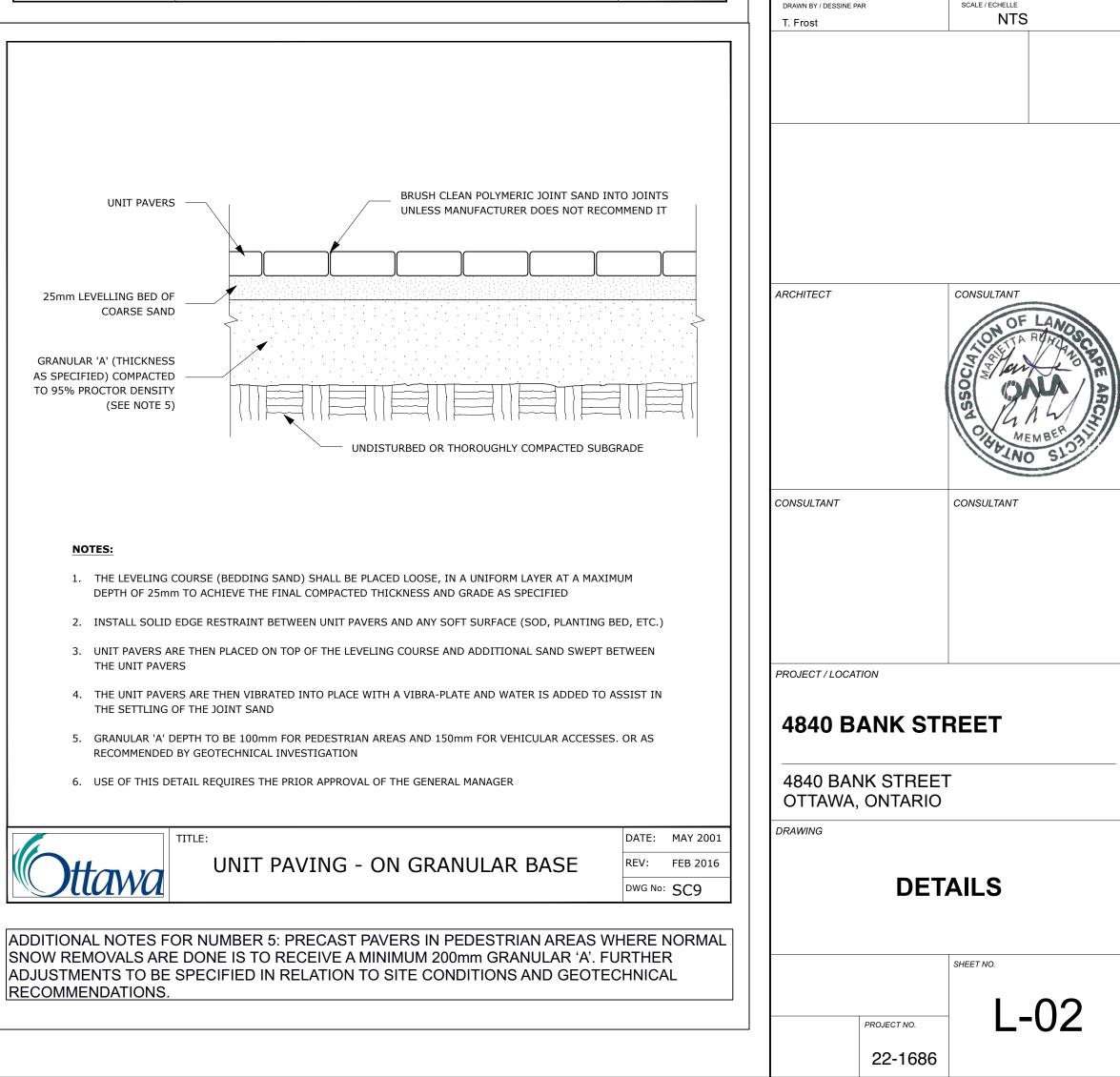
















MANAGER, DEVELOPMENT REVIEW SOUTH PLANNING, INFRASTRUCTURE & ECONOMIC **DEVELOPMENT DEPARTMENT, CITY OF OTTAWA**  PERENNIAL AND ORNAMENTAL GRASS PLANTING

DATE: JAN 2015 DWG No: L21

**CITY PLAN No. xxxxx** 

22/11/02

22/09/08

22/06/03

DATE: (Y/M/D) INITIALS
INITIALS

PATHWAYS SOUTH