

LANDSCAPE / PLANTING PLAN  
Scale: 1:200

ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
<b>MEDIUM TREES: 9 - 13.5m ht, 8.5 - 20m Ø canopy</b>					
Agl	2	Aesculus glabra	Ohio Buckeye	50mm caliper	WB, Staked
GbAG	2	Ginkgo biloba 'Autumn Gold'	Autumn Gold Maidenhair Tree	60mm caliper	WB, Staked
Gtl	2	Gleditsia triacanthos var. inermis 'Impcole'	Imperial Honeylocust	70mm caliper	WB, Staked
UF	1	Ulmus minor x parvifolia 'Frontier'	Frontier Elm	60mm caliper	WB, Staked
<b>SMALL TREES: 6 - 8m ht, 6 - 8m Ø canopy</b>					
CcgC	2	Crataegus crus-galli inermis 'Cruzam'	Thornless Crusader Cocksbur Hawth	45mm caliper	WB, Staked
<b>ORNAMENTAL TREES: 4 - 7m ht, 4 - 6m Ø canopy (6m ht max under power lines)</b>					
AcB	6	Amelanchier canadensis 'Ballerina'	Ballerina Serviceberry (tree form)	50mm caliper	WB, Staked
MHG	3	Malus x 'Harvest Gold'	Harvest Gold Crabapple	50mm caliper	WB, Staked
MRB	4	Malus x 'Royal Beauty'	Royal Beauty Crabapple	45mm caliper	WB, Staked
SrIS	1	Syringa reticulata 'Ivory Silk'	Ivory Silk Tree Lilac	50mm caliper	WB, Staked
<b>SMALL ORNAMENTAL TREES: &lt;4.5m ht, &lt;4.5m Ø canopy</b>					
CaW*	2	Caragana arborescens 'Walker'	Walker's Weeping Peashrub	125cm STEM	WB, Specimen
MaP	1	Morus alba 'Pendula'	Weeping Mulberry, male	150cm stem	Fruitless, B&B
MsR	2	Malus sargentii 'Rosea'	Pink Flowering Crabapple	45mm caliper	WB, Staked
PgYB	4	Picea glauca 'Yukon Blue'	Yukon Blue White Spruce	75cm spd	WB, Staked
<b>SHRUBS</b>					
HpFL	6	Hydrangea paniculata 'Fire Light'	Fire Light pannicle hydrangea	2 gallon pot	0.9m o.c.
JcPP	4	Juniperus communis 'Pencil Point'	Pencil Point Juniper	150cm stem	Potted
JvSR	2	Juniperus virginiana 'Skyrocket' (J. scopulorum)	Skyrocket Juniper	150cm stem	Potted
PoTW	6	Physocarpus opulifolius 'Tiny Wine'	Tiny Wine Dwarf Ninebark	50cm ht.	Potted
PSy	2	Philadelphus 'Sybil'	Minnesota Snowflake Mockorange	60mm dia.	WB Staked
SbA	13	Spiraea bumalda 'Anthony Waterer'	Anthony Waterer Spirea	50cm ht.	Potted, 0.9m o.c.
SbG	13	Spiraea bumalda 'Goldflame'	Goldflame Spirea	50cm ht.	0.9m o.c.
SJS	2	Spiraea japonica 'Shirobana'	Shirobana Spirea	50cm ht.	0.8m o.c.
SpMK	7	Syringa patula 'Miss Kim'	Miss Kim Dwarf Lilac	100cm ht.	3 gallon Pot

ID	Qty	PERENNIALS Description	Types	Sched. Size	Remarks
PvA	264	Ornamental grasses	Karl Foerster Feather Reed Grass, Blue Fescue	150mm pot	40-60cm o.c.
PvB	242	Sun flowering perennials	Coneflower, Black-eyed Susan, Spiked Speedwell, Sea Thrift, Beebalm, Daylily, Siberian Iris, Cardinal Flower, Ozark Sundrops	150mm pot	60cm o.c.

**NOTE:**

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

**NOTE:**

THIS PLAN 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.

**LEGEND**

- PHASING
- PROPERTY LINE
- 7.5m GEOTECHNICAL BUILDING OFFSET
- 4.5m GEOTECHNICAL BUILDING OFFSET
- HYDRO LINE
- PAVERS
- HYDRO LINE HEIGHT RESTRICTED AREA
- SOD
- ORNAMENTAL GRASSES
- PERENNIALS
- EXISTING TREES TO REMAIN
- TREE PROTECTION FENCE
- CRITICAL ROOT ZONE

**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 the location of utilities and shall be responsible for 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 Owner.
- 4 Obtain approval of the Consultant(s) for granular base and layout of all pavement areas prior to construction.
- 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.
- 7 Maintain positive surface runoff through the entire construction period.
- 8 Reinststate all areas and items damaged as a result of construction activities.

**APPROVED**

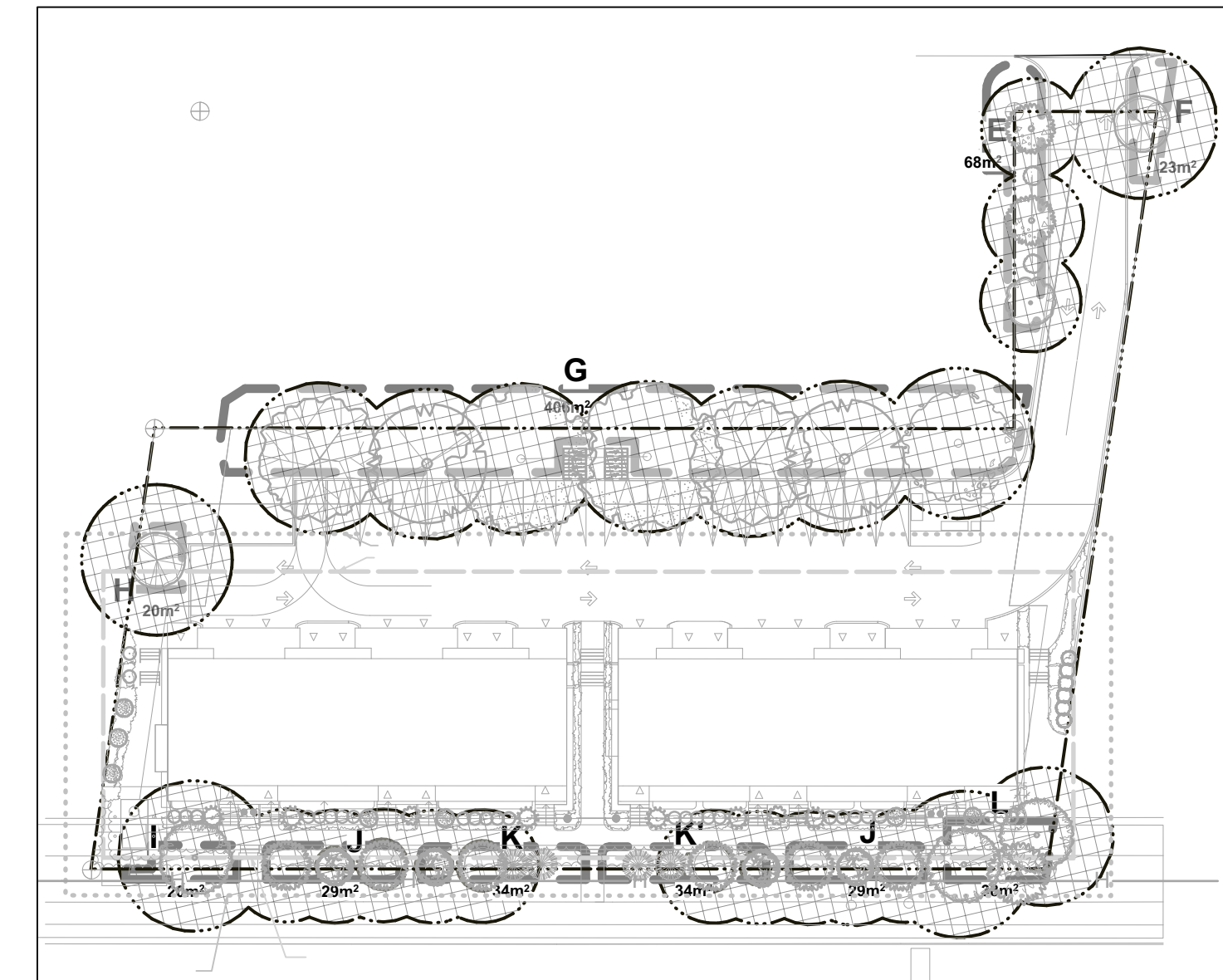
By sevignyjo at 4:01 pm, Jan 20, 2025

JOHN SEVIGNY C.E.T.  
MANAGER (A), DEVELOPMENT REVIEW EAST  
PLANNING, DEVELOPMENT & BUILDING SERVICES  
DEPARTMENT, CITY OF OTTAWA

**CANOPY COVERAGE CALCULATION**

COVERAGE	AREA (m2)
TOTAL CANOPY COVER	1662
SITE AREA	2914
<b>Percent coverage</b>	<b>57.0%</b>

- SOIL VOLUME EXTENTS FOR TREE PLANTING
- TREE CANOPY EXTENT AT MATURITY



TREE CANOPY & SOIL VOLUME AREAS  
Scale: 1:500

**SOIL VOLUME CALCULATION**

Area	Tree Description	Qty	Soil Volume (m³)	Area (m²)	%
AREA E - 3 ornamental tree, 2 small ornamental trees	plant bed (68 sq m x 0.8 ave metre deep)	5	59.0	54.4	92%
AREA F - 1 small tree	plant bed (23 sq m x 1 ave metre deep)	1	25.0	23.0	92%
AREA G - 7 medium trees	plant bed (406 sq m x 0.6 ave metre deep)	7	126.0	243.6	193%
AREA H - 1 small tree	plant bed (20 sq m x 0.9 ave metre deep)	1	20.0	18.0	90%
AREA I - 1 ornamental trees	plant bed (20 sq m x 0.9 metre deep)	1	20.0	18.0	90%
AREA J - 3 ornamental trees	plant bed (29 sq m x 1 metre deep)	3	36.0	29.0	81%
AREA K, K' - 2 ornamental trees, 2 small ornamental conifers	plant bed (34 sq m x 1 metre deep)	4	38.0	34.0	89%
AREA L - 3 ornamental trees	plant bed (38 sq m x 0.9 metre deep)	3	36.0	34.2	95%

\* Small ornamental trees with growth 8cm-15cm DBH using 'How much soil to grow a big tree' by DeepRoot as guide

CLIENT / OWNER :

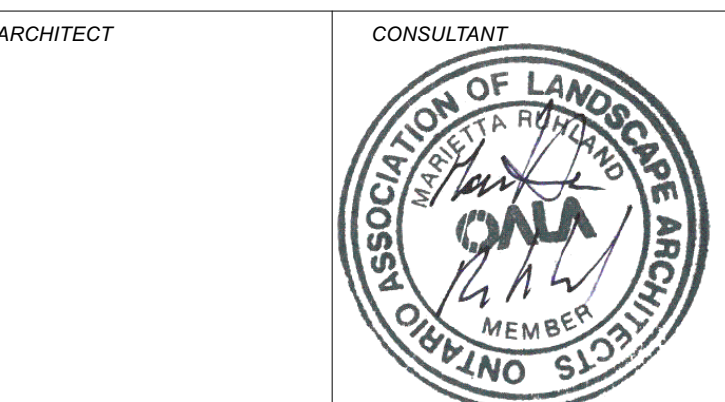


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Tel: 1 819-600-1555

NUMBER	MILESTONE / FAT SALLANT	DATE	INITIALS
6	Re-Issued for SPC	2024/10/28	MR
5	Issued for Building Permit	2024/09/18	MR
4	Re-Issued for SPC	2023/12/21	MR
3	Re-Issued for SPC	2023/10/05	MR
2	Re-Issued for SPC	2023/06/27	MR
1	Issued for SPC	2023/06/09	MR

DESIGNED BY / CONSULTANT	CHECKED BY / VERIFIED
M. Ruhland	M. Ruhland
D. A.	SCALE: 1/200

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CONSULTANT

PROJECT / LOCATION  
**LANDRIC HOMES SEMIS & STACKED TOWN HOMES**

6001 - 6005 RENAUD ROAD  
OTTAWA, ONTARIO

DRAWING  
**LANDSCAPE / PLANTING PLAN,  
TREE CANOPY COVERAGE /  
SOIL VOLUME**

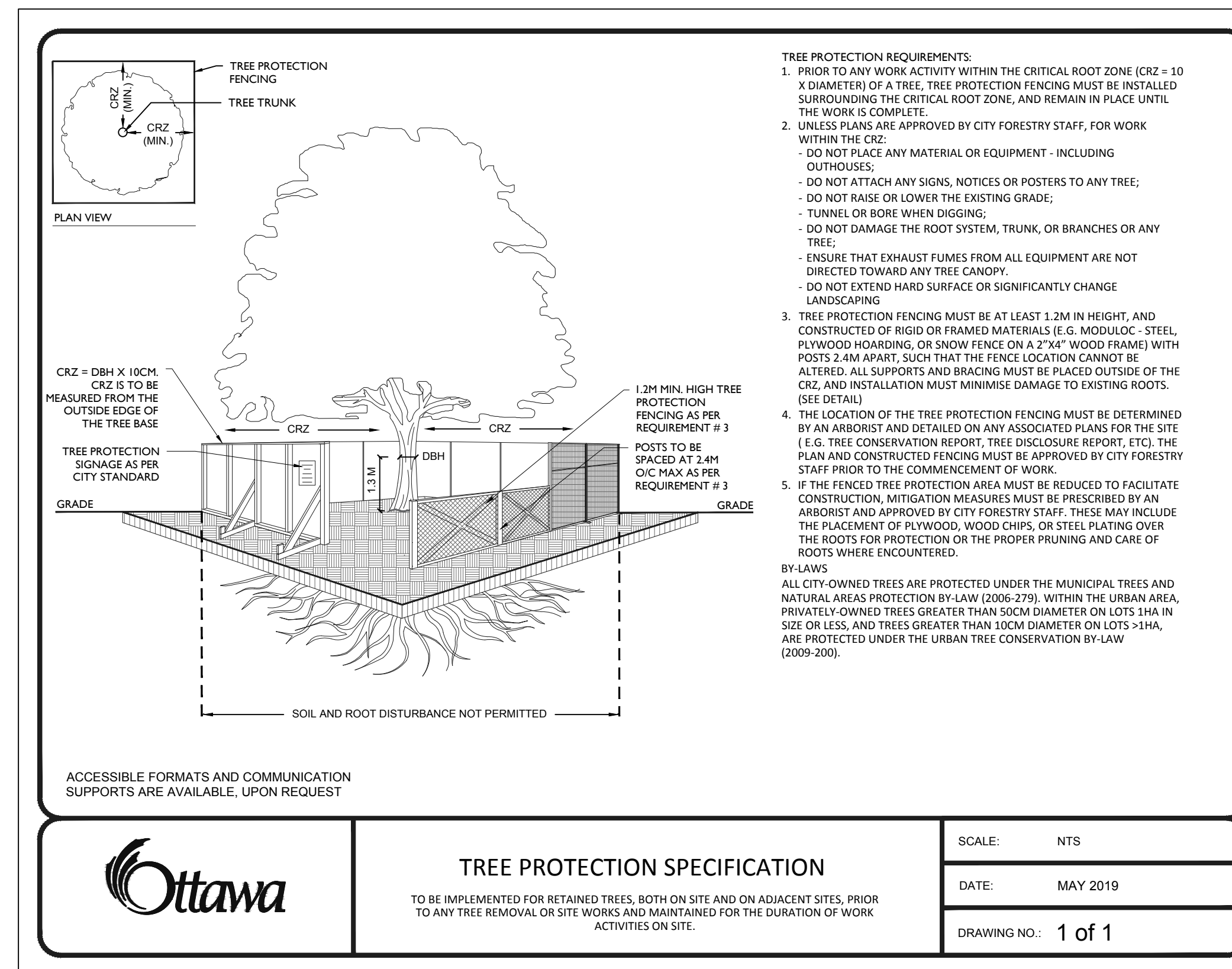
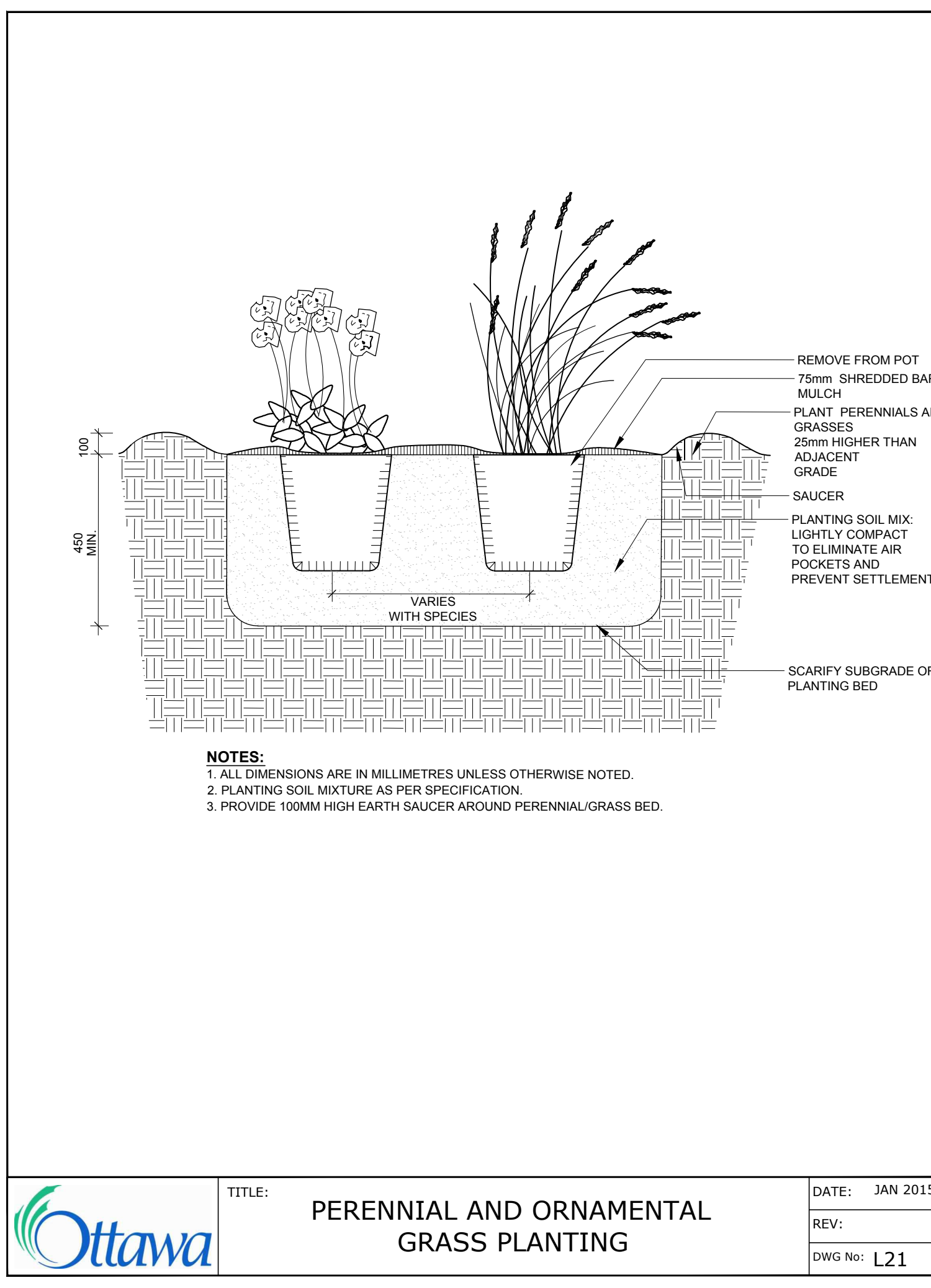
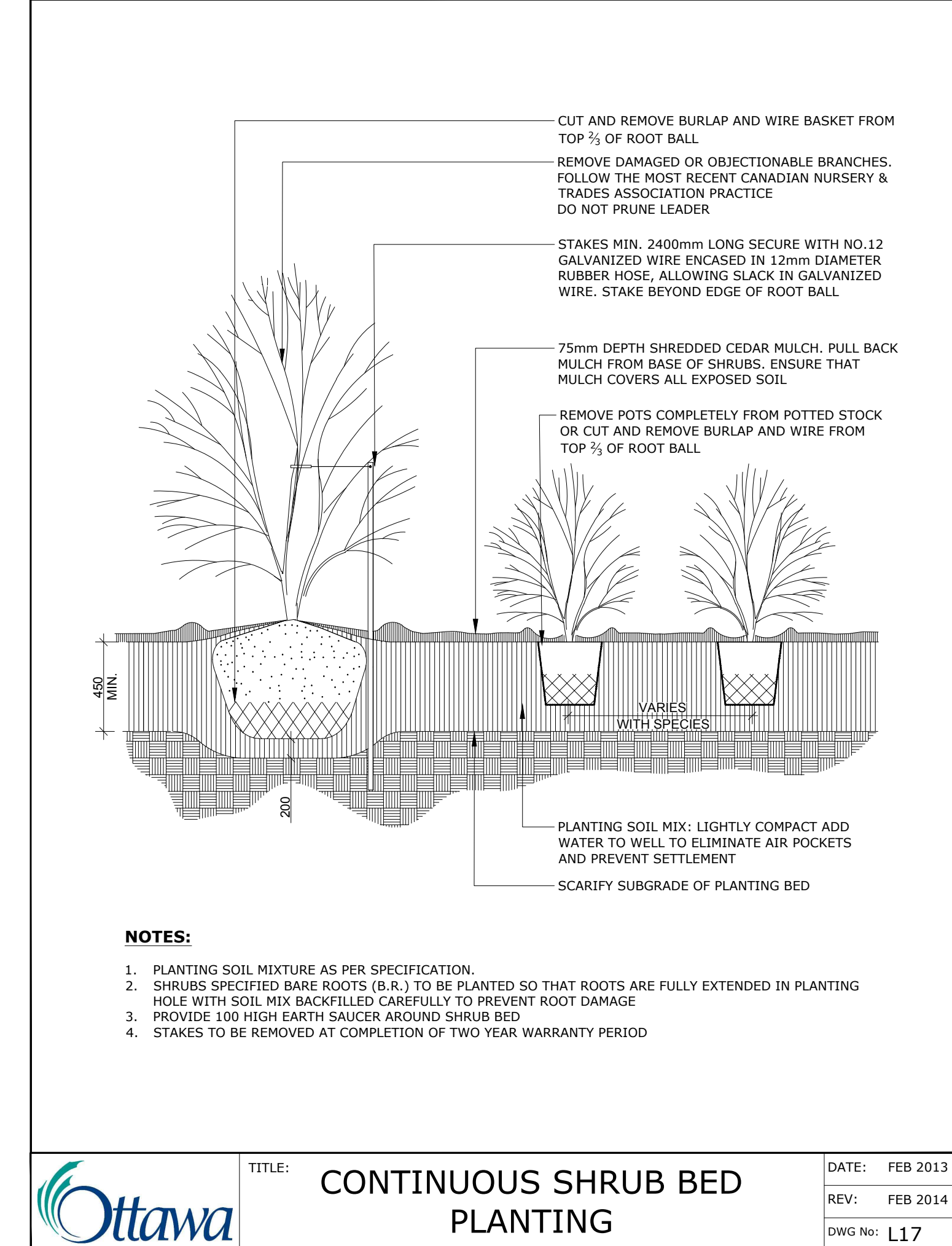
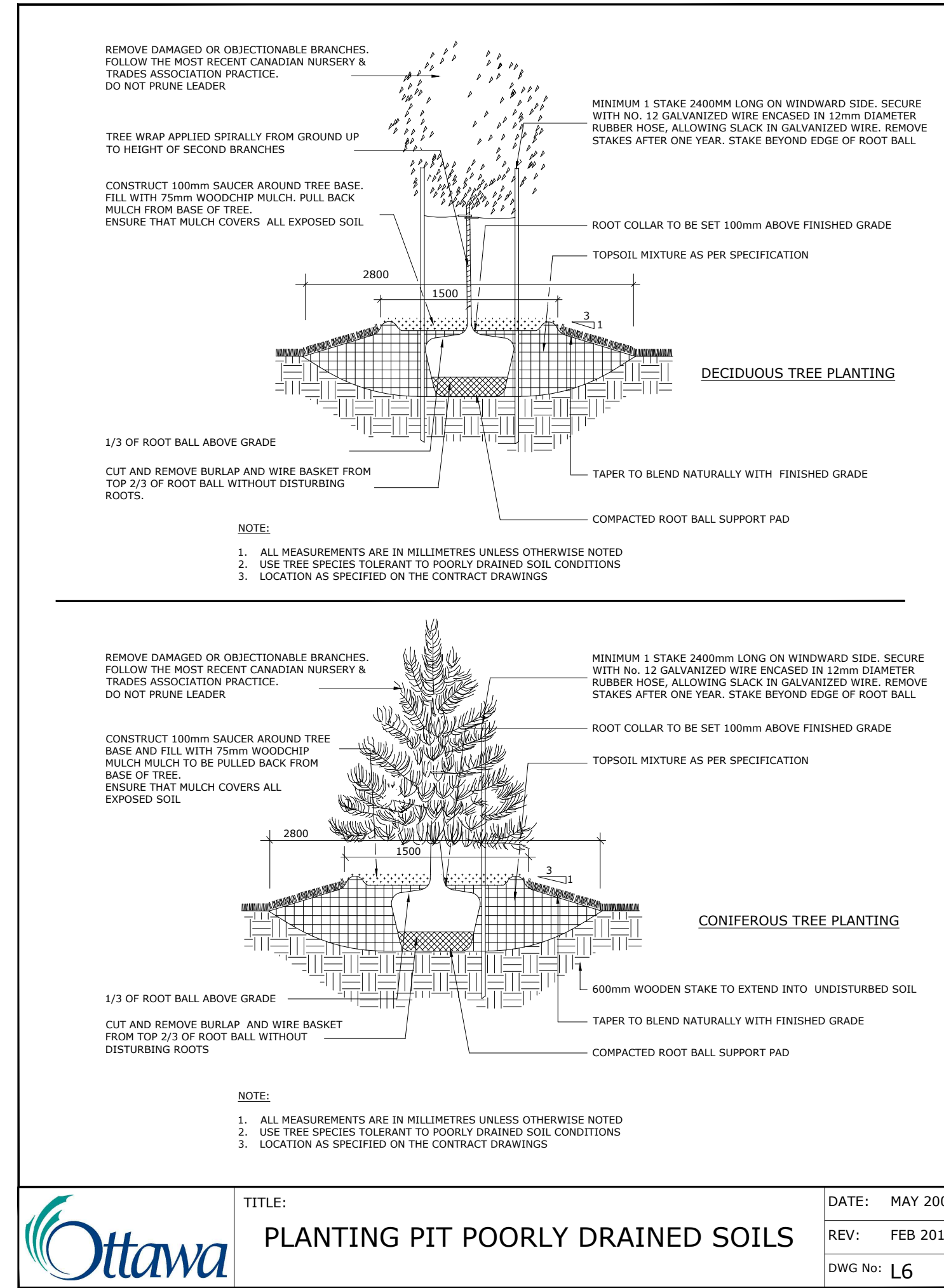
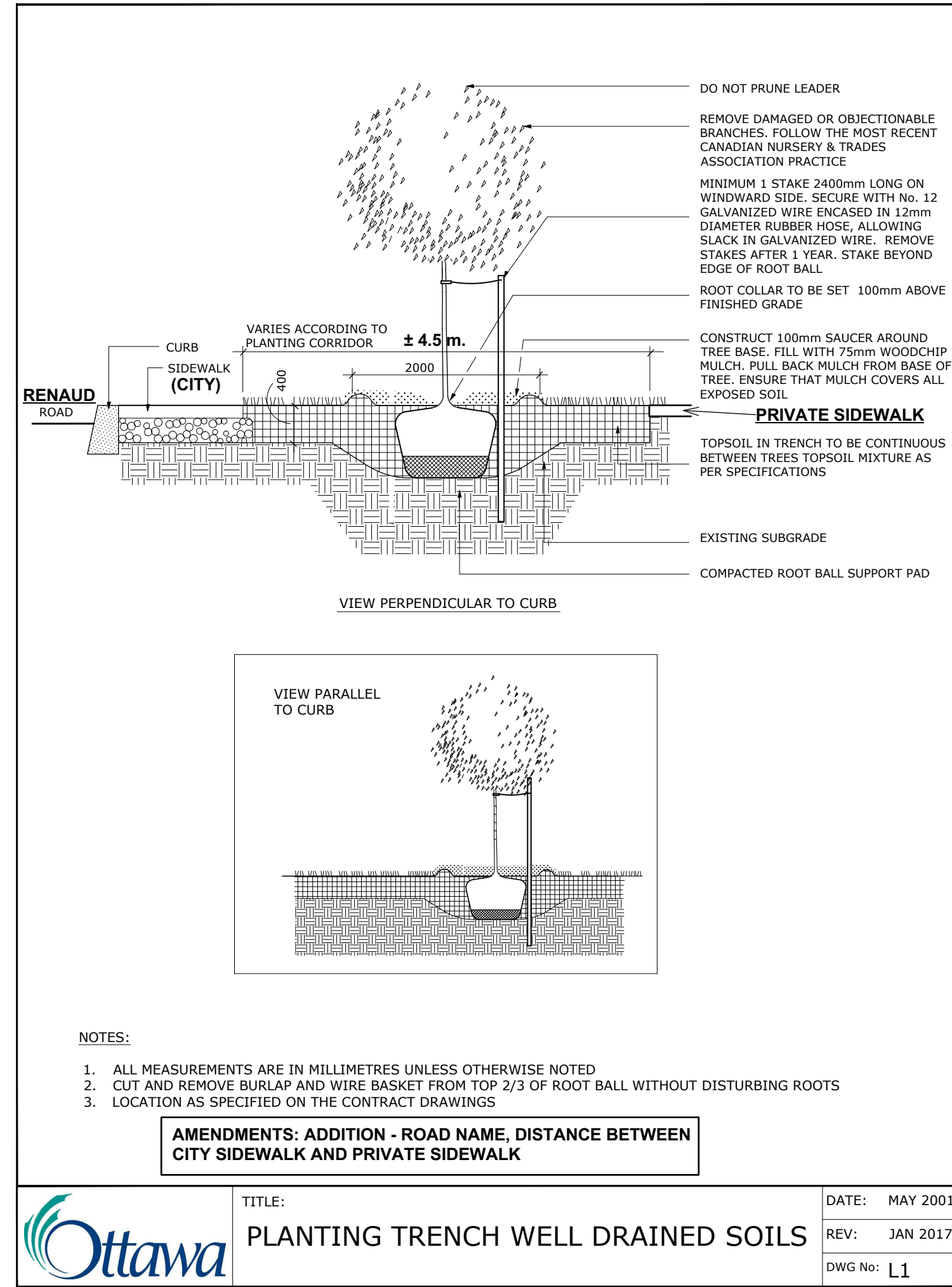
SHEET NO.  
**L-01**  
PROJECT NO.  
21-1660

D07-12-21-0239

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.



*John Seigny*

**JOHN SEIGNY C.E.T.**  
**MANAGER (A), DEVELOPMENT REVIEW EAST**  
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**DEPARTMENT, CITY OF OTTAWA**

**APPROVED**  
By seignyjo at 4:01 pm, Jan 20, 2025

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DESIGNED BY / CONCEIVED PAR: M. Ruhland  
DRAWN BY / DESINE PAR: D. A.

CHECKED BY / VERIFIE PAR: M. Ruhland  
SCALE: 1/8"=1'-0"

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ARCHITECT CONSULTANT

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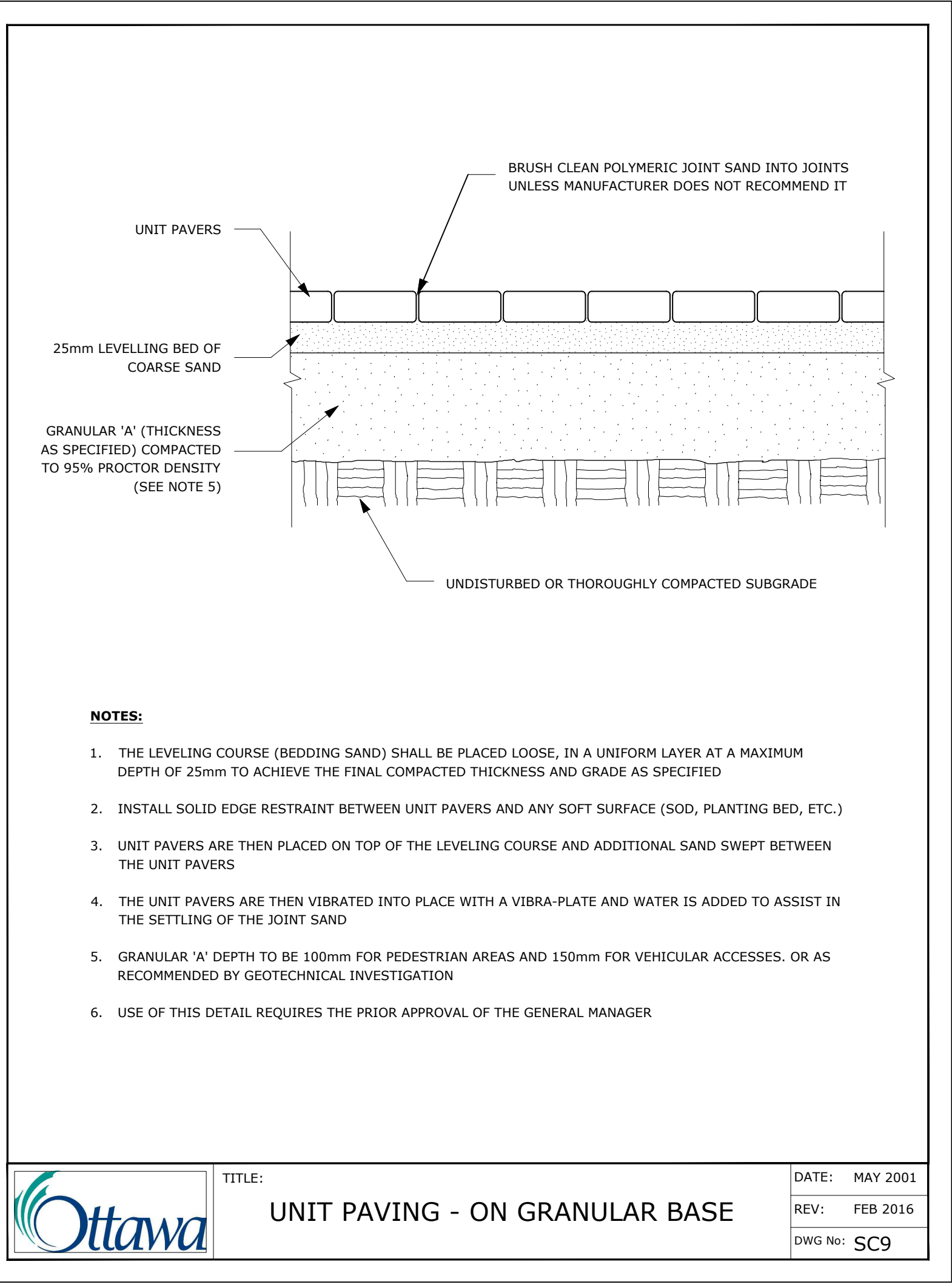
6001 - 6005 RENAUD ROAD  
OTTAWA, ONTARIO

DRAWING

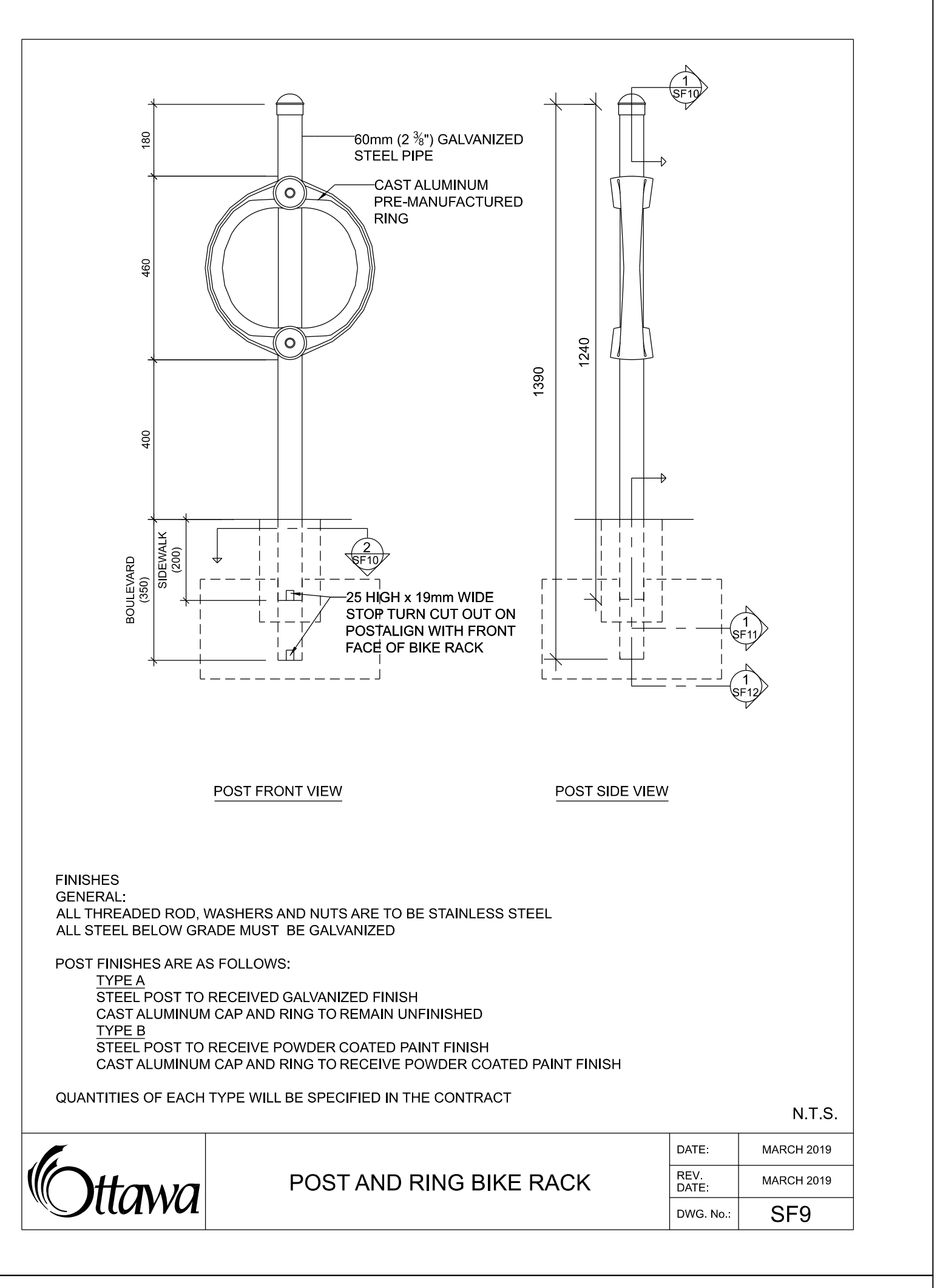
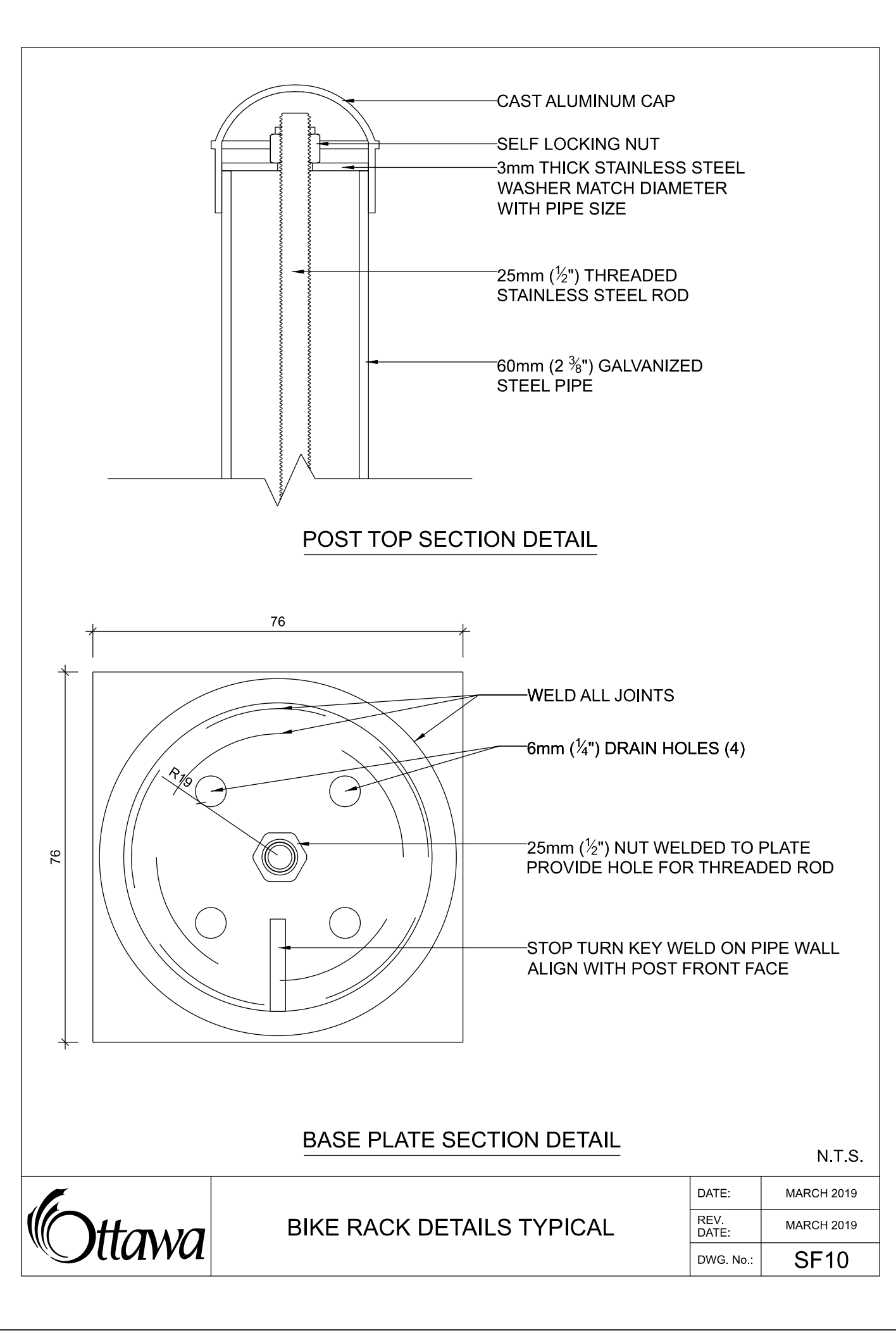
**DETAILS**

PROJECT NO. 21-1660

SHEET NO. **L-02**



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

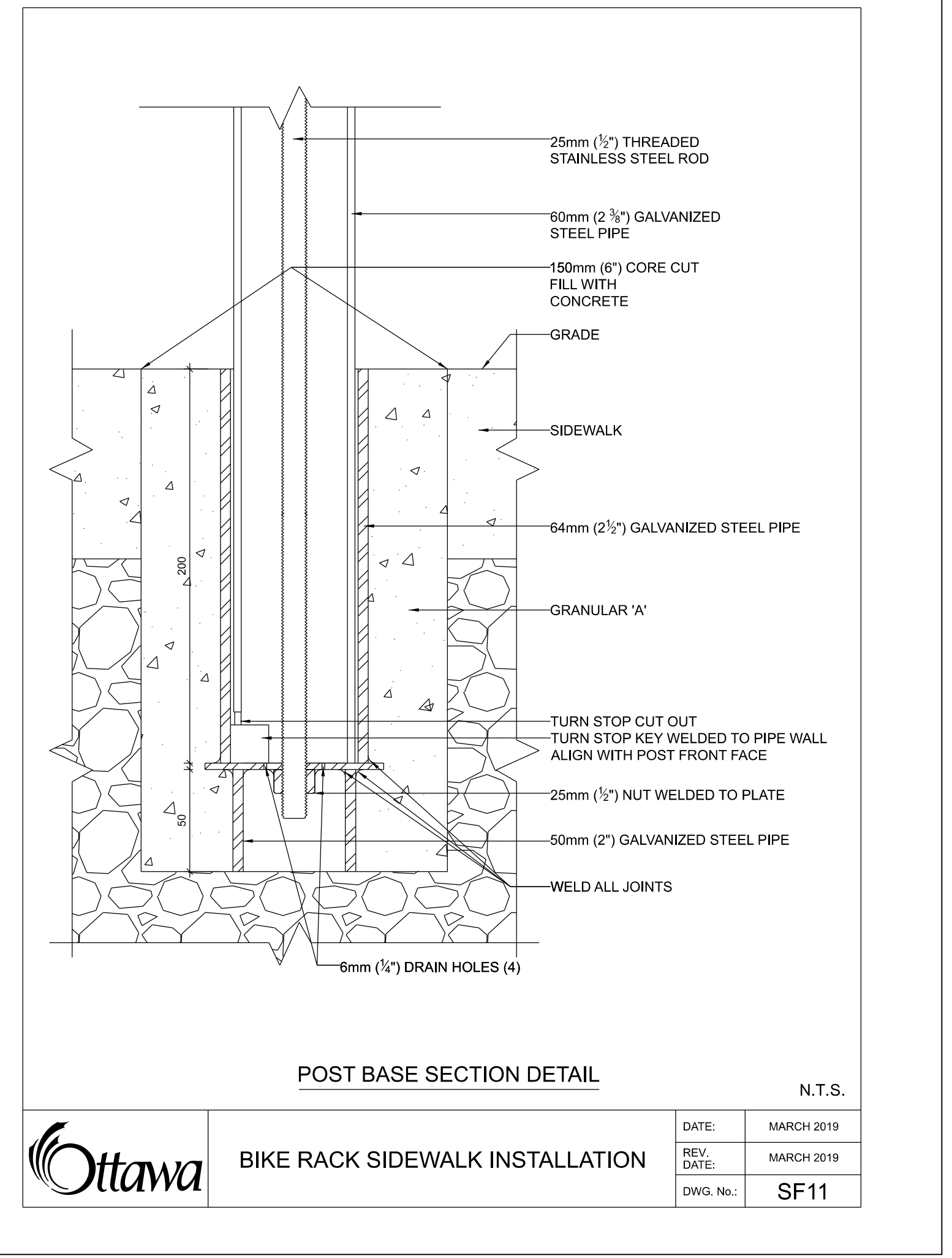


ADDITIONAL NOTES FOR NUMBER 5: PRECAST PAVERS IN PEDESTRIAN AREAS WHERE NORMAL SNOW REMOVALS ARE DONE IS TO RECEIVE A MINIMUM 200mm GRANULAR 'A'. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.

*John Seigny*

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M. Ruhland	M. Ruhland
DRAWN BY / DESINE PAR:	SCALE / ECHELLE:
D. A.	

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 OTTAWA, ONTARIO

DRAWING

**DETAILS**

PROJECT NO. SHEET NO.

21-1660 **L-03**

D07-12-21-0239