

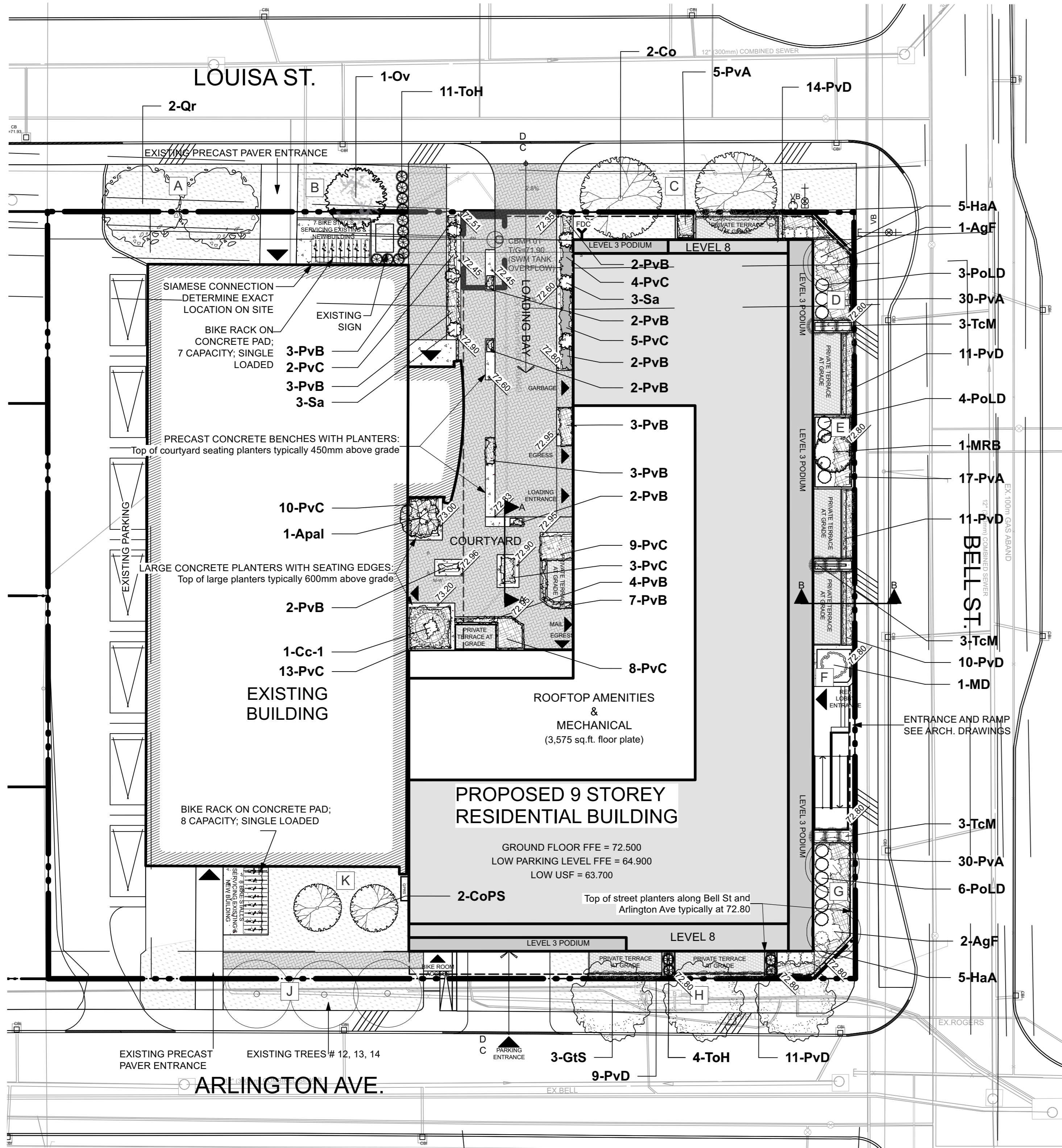
## NOTES:

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

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

DRAWING TO BE READ IN CONJUNCTION WITH TREE CONSERVATION REPORT.  
REFER TO TREE CONSERVATION REPORT PREPARED BY RUHLAND &  
ASSOCIATES LTD. DATED MAY 26, 2021 FOR TREE PROTECTION MEASURES  
AND DETAILS.

ALL TREES TO BE PLANTED A MINIMUM OF 1m FROM EDGE OF SIDEWALK



1 LANDSCAPE PLAN AT GRADE  
Scale: 1:200

## LEGEND

- PROPERTY LINE
- EXTENT OF PROPOSED UNDERGROUND PARKING SLAB
- PROPOSED TOP OF PLANTER/SEATING PLANTER ELEVATION
- PROPOSED COURTYARD PAVERS
- PROPOSED PRIVATE TERRACE PAVERS
- PROPOSED PAVER PATHWAY
- PROPOSED BIKE RACK ON CONCRETE PAD
- PROPOSED PLANTER
- PROPOSED TREES
- PROPOSED SHRUBS
- PROPOSED PERENNIALS AND ORNAMENTAL GRASSES
- EXISTING TREES

## Plant List

ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
TREES					
AgF	3	Acer ginnala 'Flame'	Flame Amur Maple	45mm caliper	WB, Staked
Apal	1	Acer palmatum 'Bloodgood'	Bloodgood Japanese Maple	40mm Caliper	WB Staked
Cc-1	1	Carpinus caroliniana	Bluebeech	50mm caliper	WB Staked
Co	2	Celtis occidentalis	Common Hackberry	60mm caliper	WB Staked
CoPS	2	Celtis occidentalis 'Prairie Sentinel'	Prairie Sentinel Hackberry	60mm dia.	WB Staked
GtS	3	Gleditsia triacanthos 'Shademaster'	Shademaster Honey Locust	60mm caliper	WB Staked
MD	1	Malus 'Dreamweaver'	Dreamweaver Crabapple	50mm caliper	WB Staked
MRB	1	Malus x 'Royal Beauty'	Royal Beauty Crabapple	50mm dia.	WB, Staked
Ov	1	Ostrya virginiana	Ironwood	50mm dia.	WB Staked
Qr	2	Quercus rubra	Northern Red Oak	60mm caliper	WB Staked
SHRUBS					
HaA	10	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	2 gallon pot	0.9m o.c.
PoLD	13	Physocarpus opulifolius 'Little Devil'	Little Devil Ninebark	50cm ht.	Potted
Sa	6	Symphocarpus albus	Common Snowberry	50 cm ht.	Potted
TcM	9	Taxus cuspidata 'Monloo'	Emerald Spreader Japanese Yew	60cm spd	0.5m o.c.
ToH	19	Thuja occidentalis ssp.	Dwarf Cedar ssp.	100 cm ht.	Potted
PERENNIALS					
PvA	82	Perennial Mix A - Sun-Shade	Coral Bells, Sedge, Hostas	150mm pot	
PvB	35	Perennial Mix B - Sun-Shade	Ornamental Grasses-Shade	150mm pot	
PvC	54	Perennial Mix C - Shade	Ferns, Hostas, Daylilies, Solomon's Seal	150mm pot	
PvD	93	Sun Grasses Mix D	Sedges, Feather Reed Grasses	150mm pot	

Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA TARGET SOIL VOLUME (m3)	Design Soil Volume	SOIL ADEQUACY percentage
AREA A - 2 Large shade trees in plant bed new soil profile Plant bed (80 sq m x 0.45 metre deep)	2	36.0	36.0	100.00%
AREA B - 1 Medium shade tree in plant bed new soil profile plant bed (39 sq m x 0.6 metre deep)	1	25.0	23.4	93.60%
AREA C - 2 large shade trees in plant bed new soil profile Plant bed (81.5 sq m x 0.45 metre deep)	2	36.0	36.7	101.88%
AREA D - 1 Ornamental tree in planter plant bed (21 sq m x 0.6 metre deep)	1	15.0	12.6	84.00%
AREA E - 1 Small Ornamental tree in planter (10-15cm DBH)* plant bed (13.6 sq m x 0.6 metre deep)	1	8.0	8.2	102.00%
AREA F - 1 Small Ornamental tree in planter (8-10cm DBH)* plant bed (6 sq m x 0.6 metre deep)	1	5.0	3.6	72.00%
AREA G - 2 Ornamental trees in planter plant bed (26.7 sq m x 0.6 metre deep)	2	18.0	16.0	89.00%
AREA H - 3 Large trees in plant bed new soil profile plant bed (57 sq m x 1.0 metre deep)	3	54.0	57.0	105.56%
AREA I - 3 Large existing trees in plant bed ex soil profile plant bed (45.5 sq m x 1.0 metre deep)	3	54.0	45.5	84.26%
AREA K - 2 Medium trees in plant bed new soil profile plant bed (66 sq m x 0.45 metre deep)	2	30.0	29.7	99.00%

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

## 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 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.
- Street tree species locations and numbers were selected based on soil volume calculations in accordance with the City of Ottawa's requirements for tree planting.

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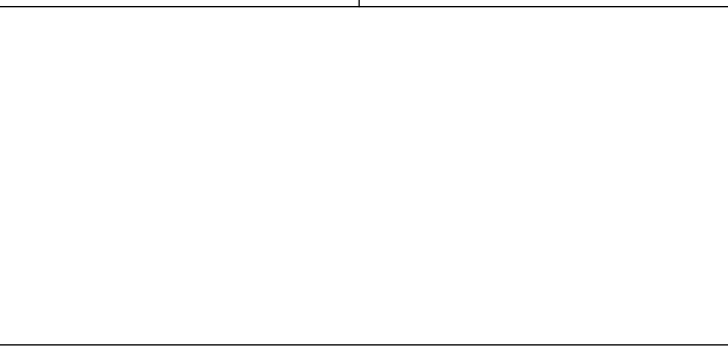
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2	Reissued for site plan control	2021/11/12
1	Issued for site plan control	2021/06/01

no.	issue / revision	date
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project

**18 LOUISA STREET**  
OTTAWA, ON

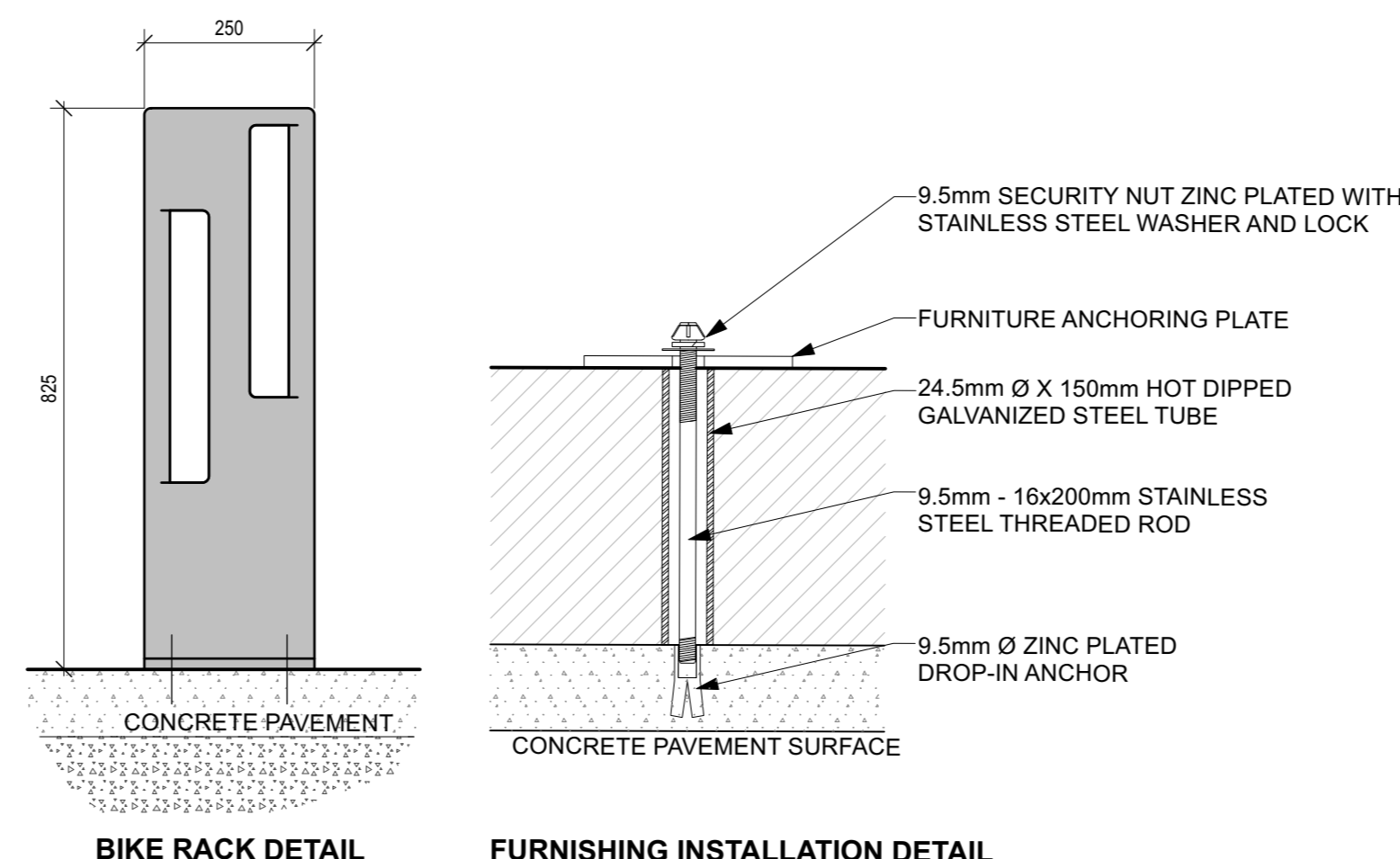
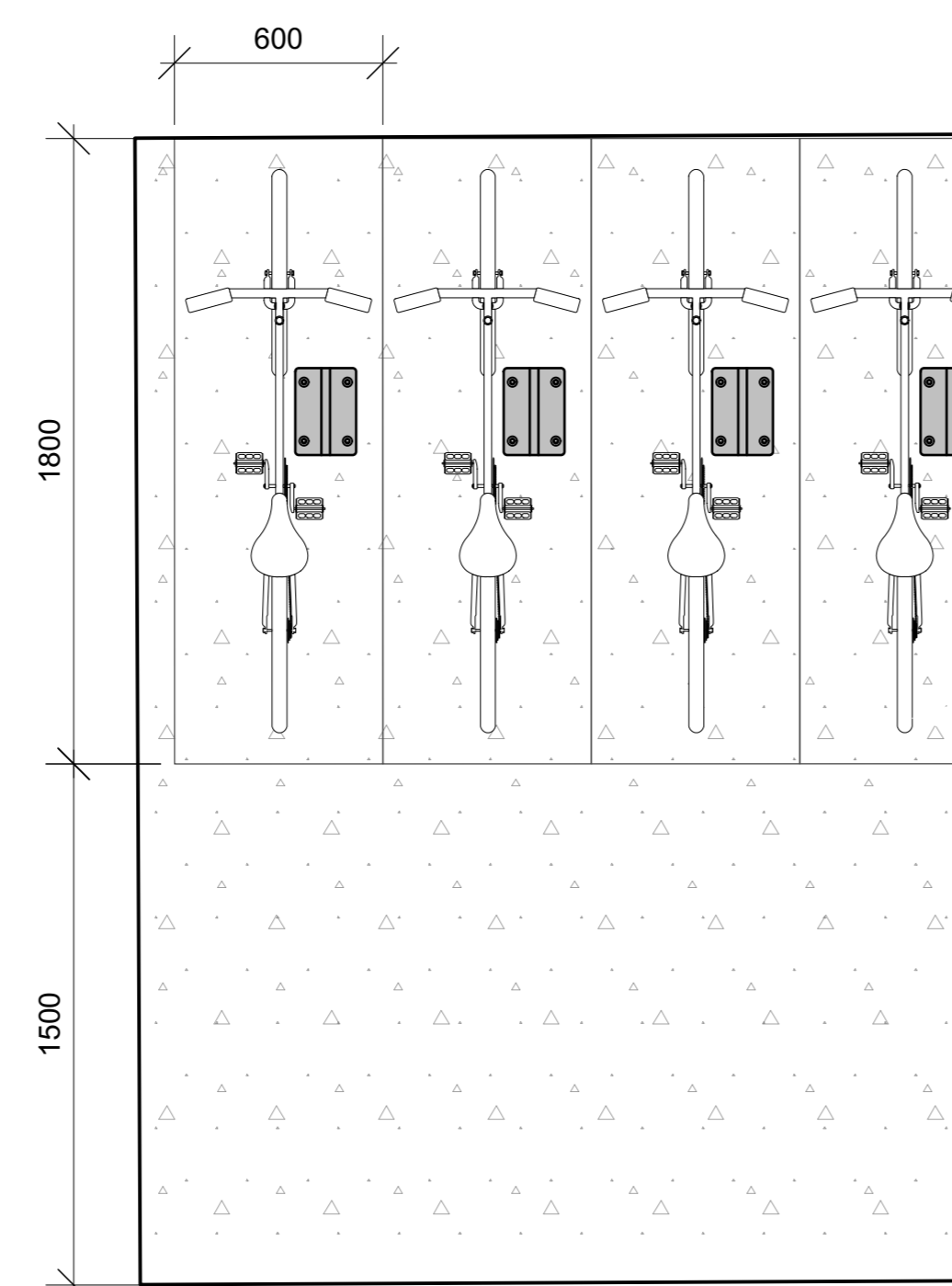
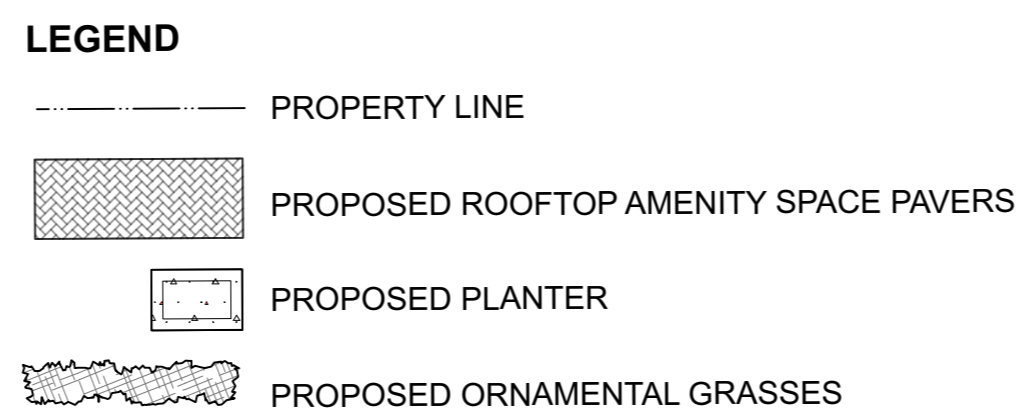
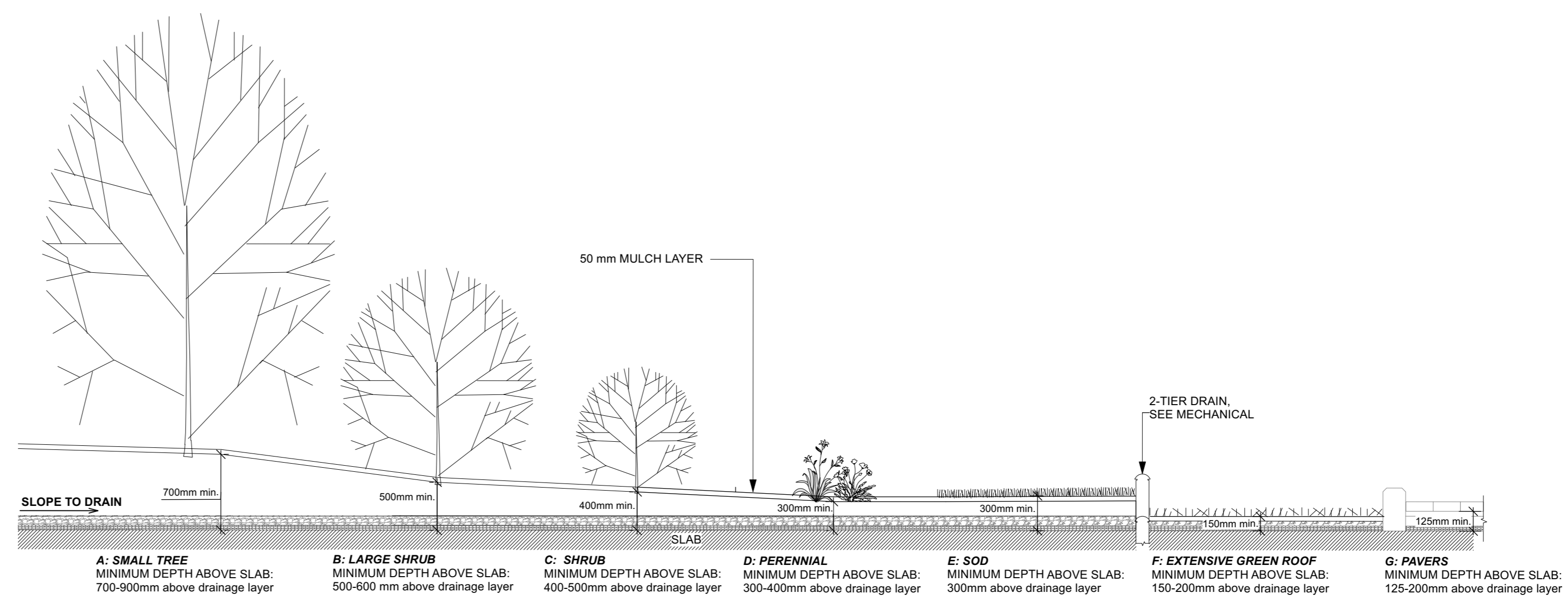
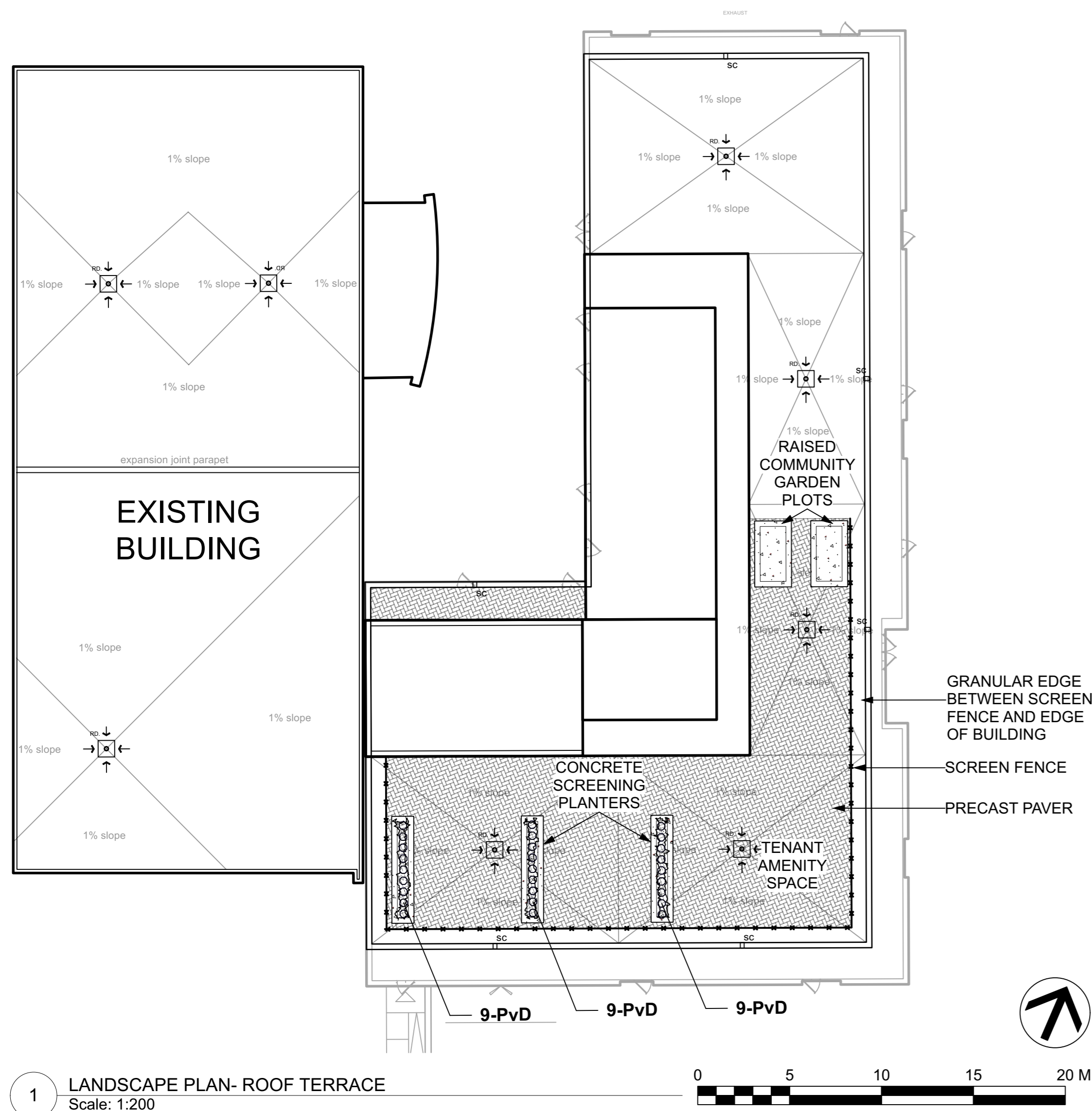
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**LANDSCAPE PLAN**

scale	drawn by	designed by
	J. K. / T.F.	J.K. / M.R.
date	checked by	plot date
JUNE 2021	M. R.	2021 06 01

project number	drawing number
20-1629	L - 01

Contractor to check and verify all dimensions on the job



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north

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project
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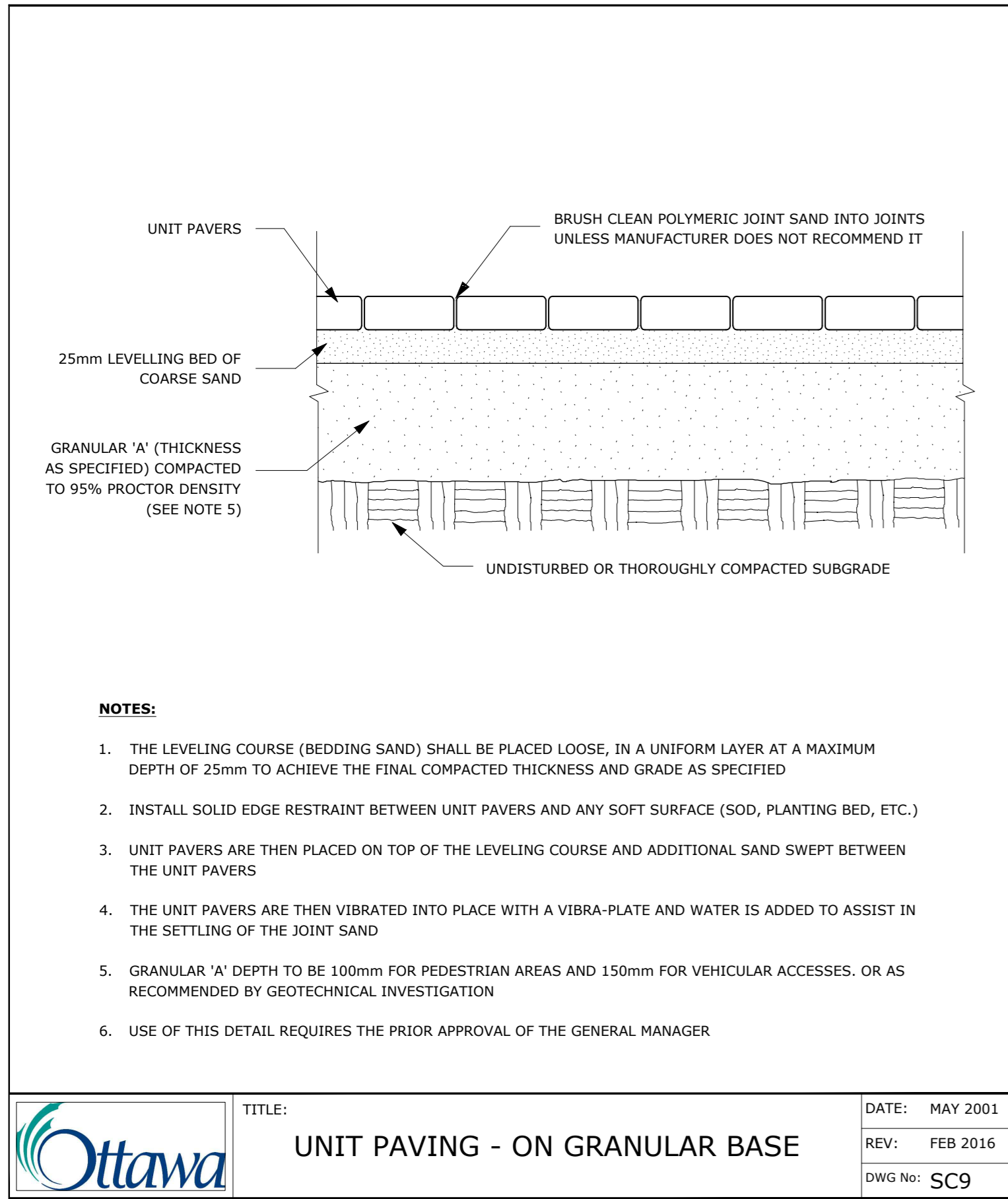
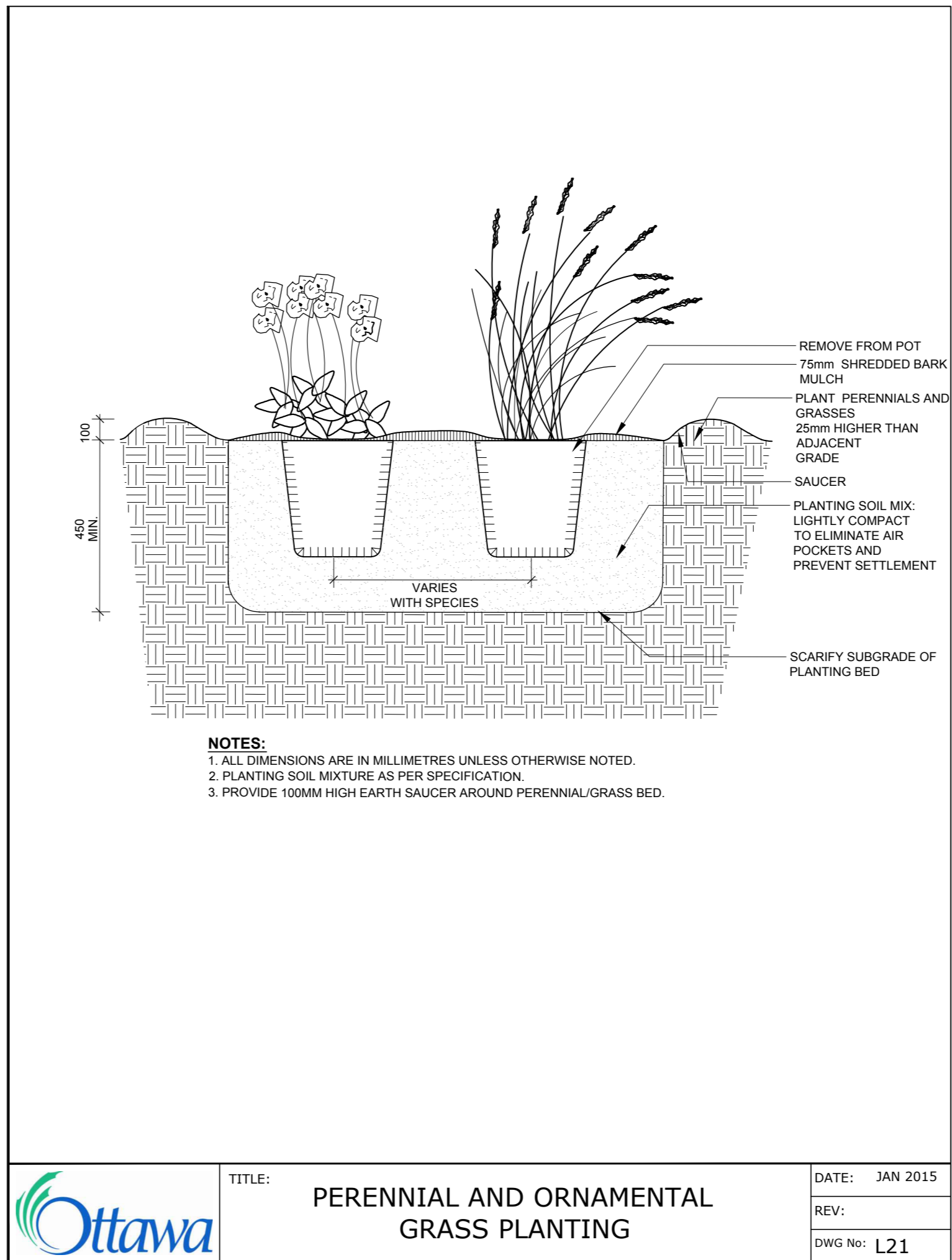
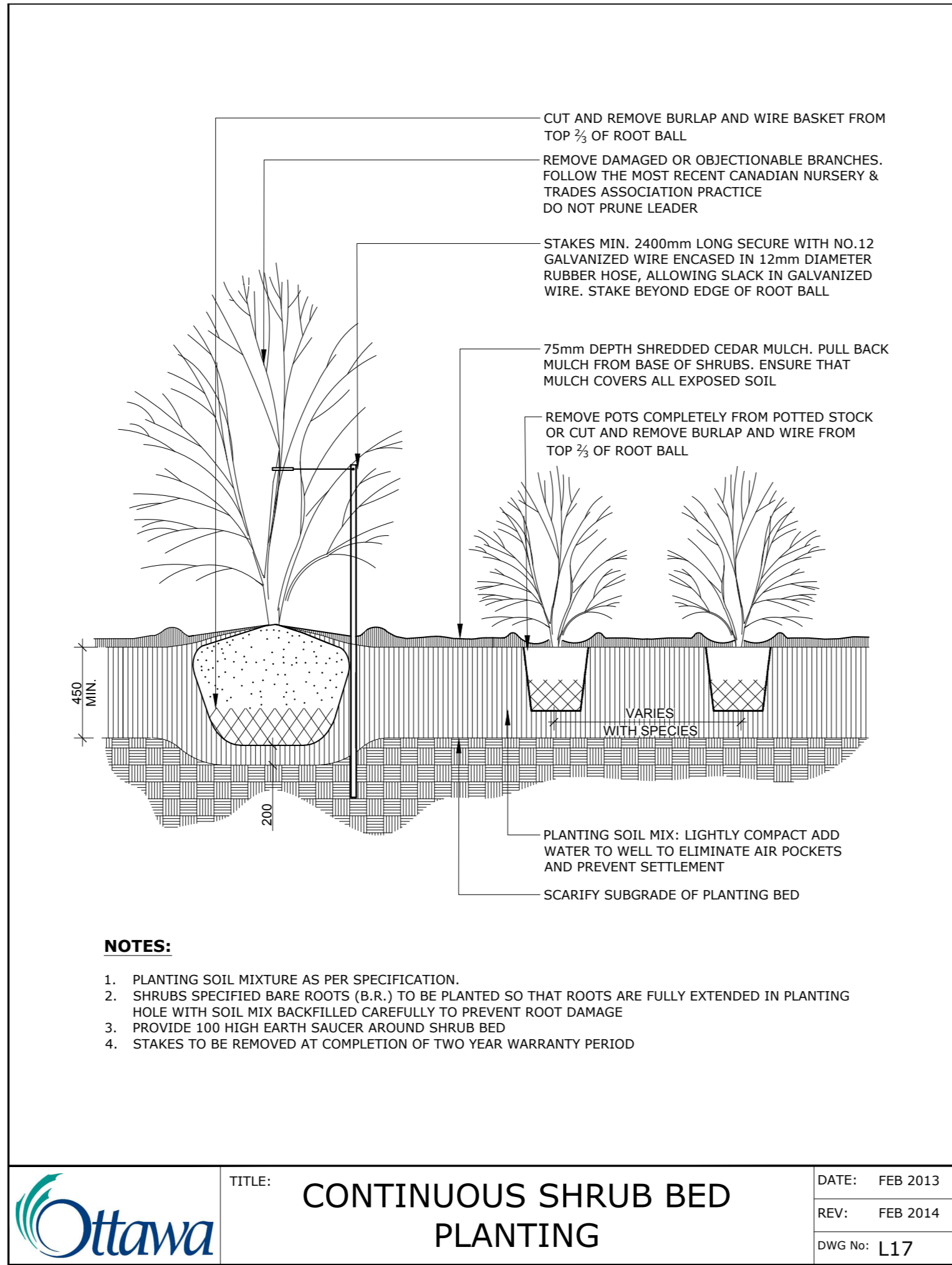
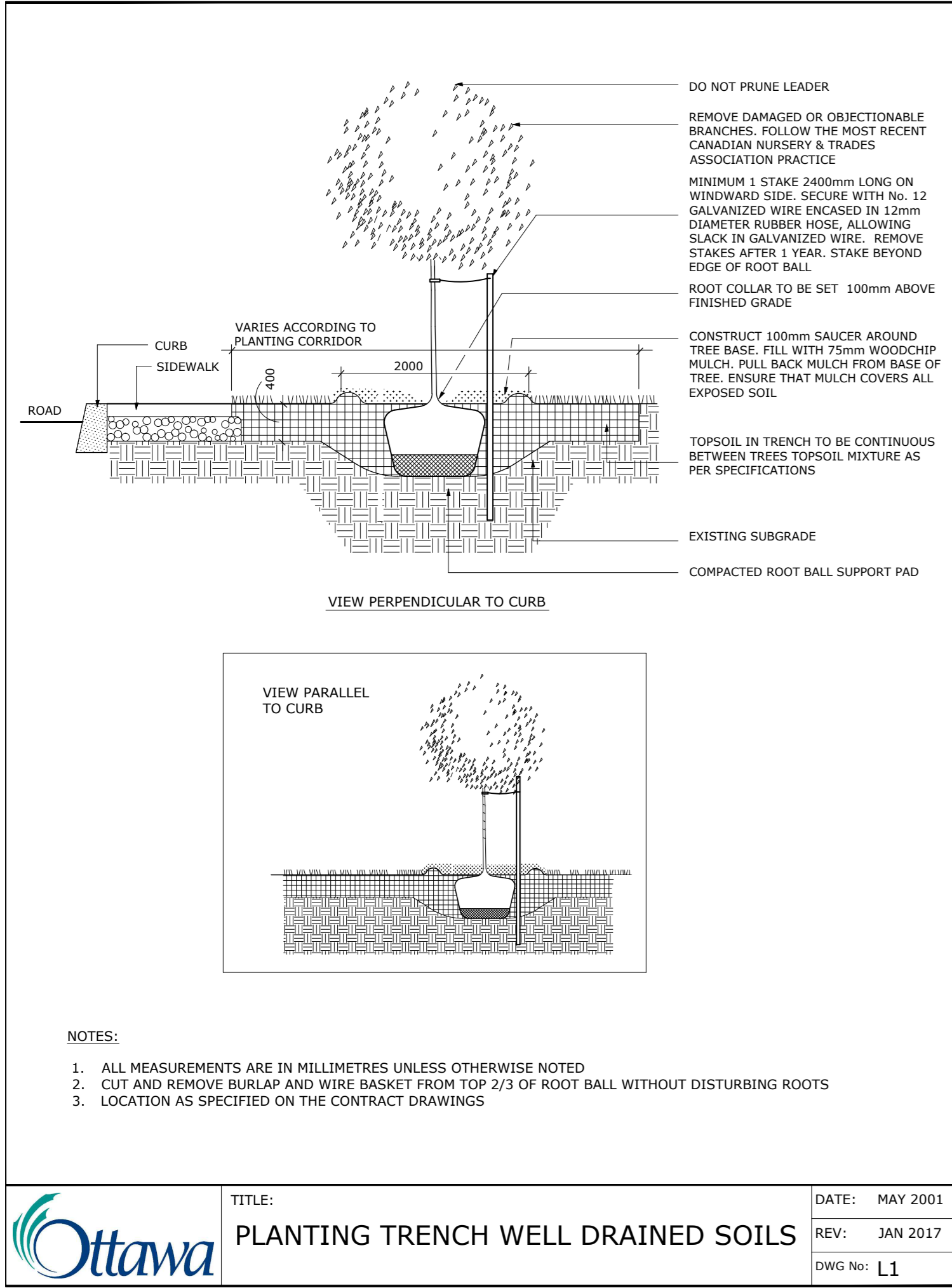
## ROOF PLAN / PIKE RACK LAYOUT

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date JUNE 2021	checked by M R	plot date 2021 06 01

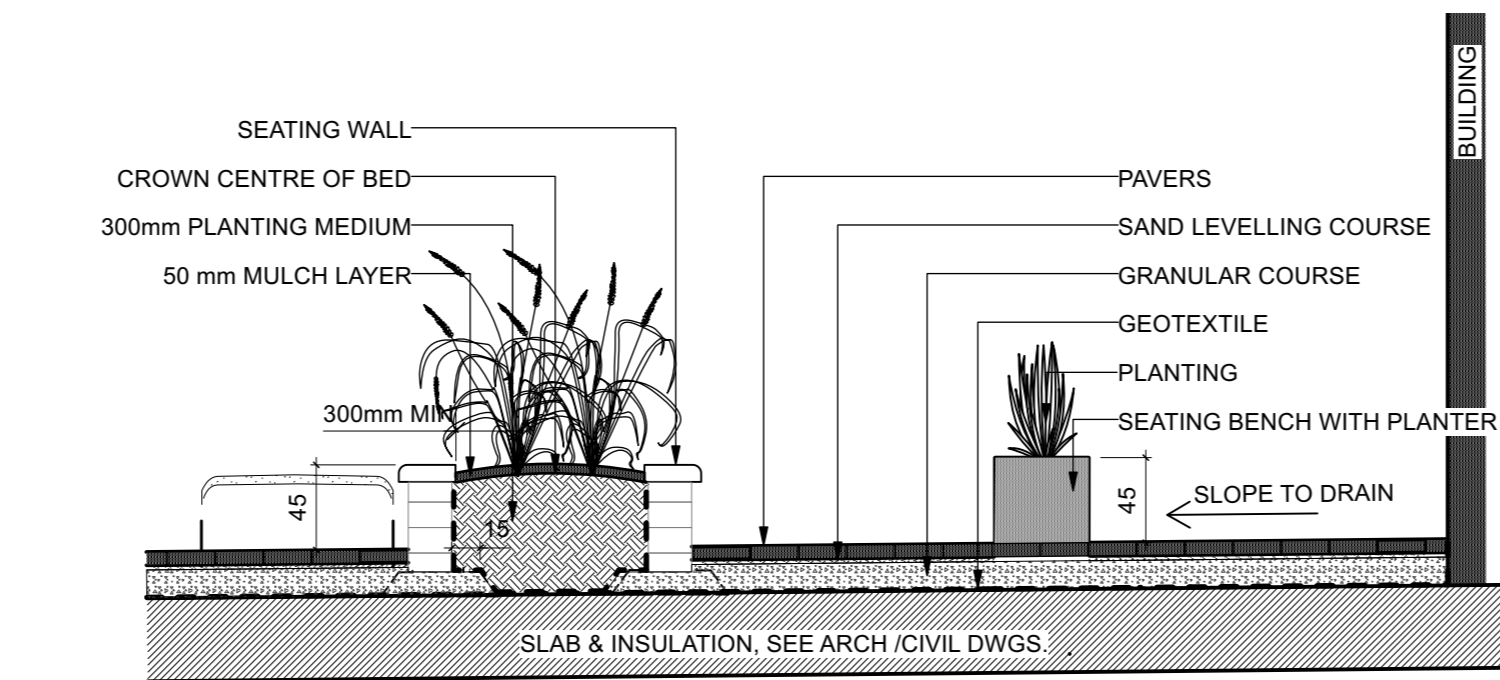
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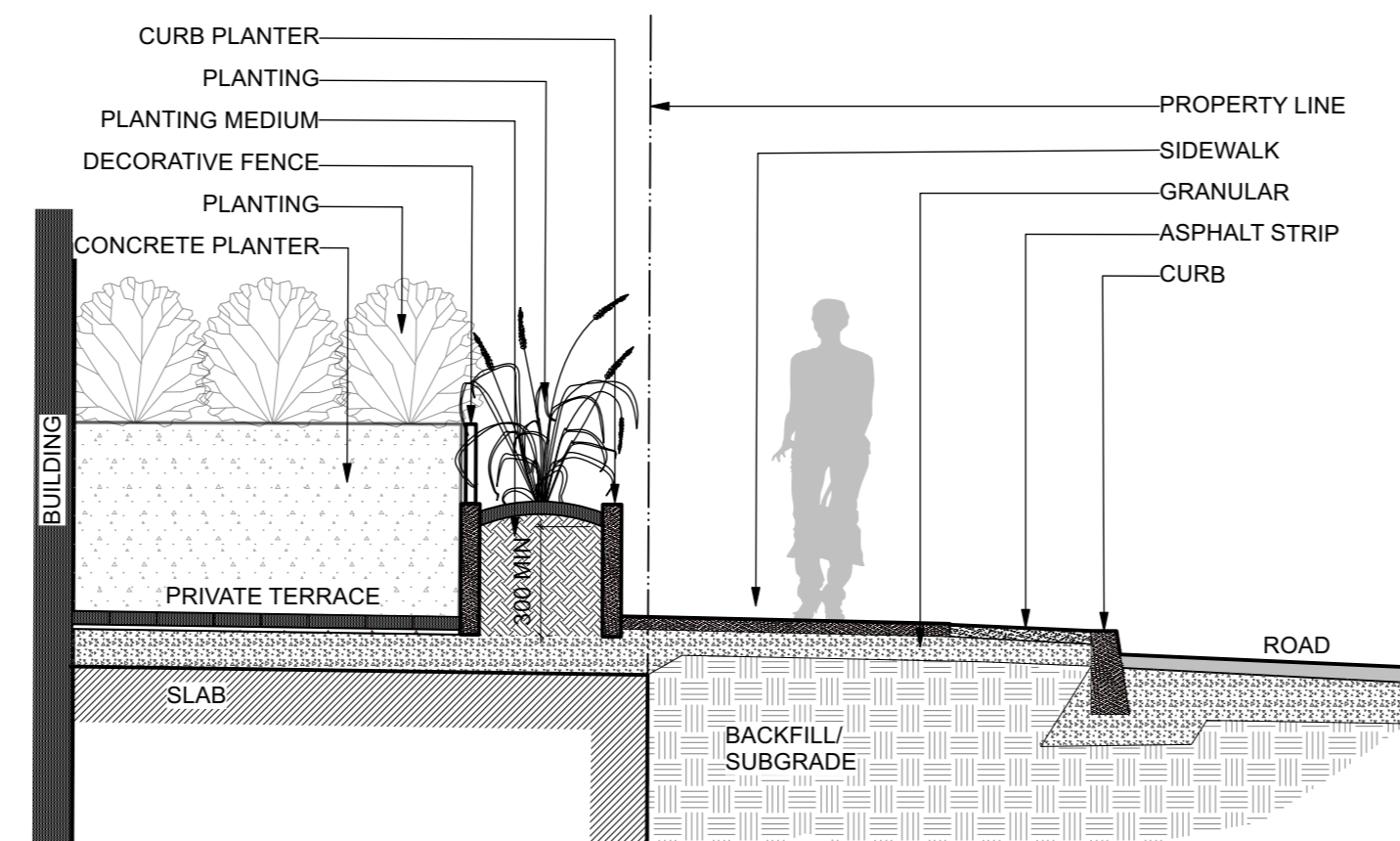


ADDITIONAL NOTES FOR NUMBER 5: PRECAST PAVERS IN VEHICULAR AREAS TO RECEIVE SAME BASE STRUCTURES FOR GRANULAR 'A' AND 'B' AS GEOTECHNICAL RECOMMENDATIONS FOR HEAVY DUTY PAVEMENT. PEDESTRIAN AREAS ARE TO RECEIVE 200mm COMPACTED GRANULAR 'A' MINIMUM, ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.



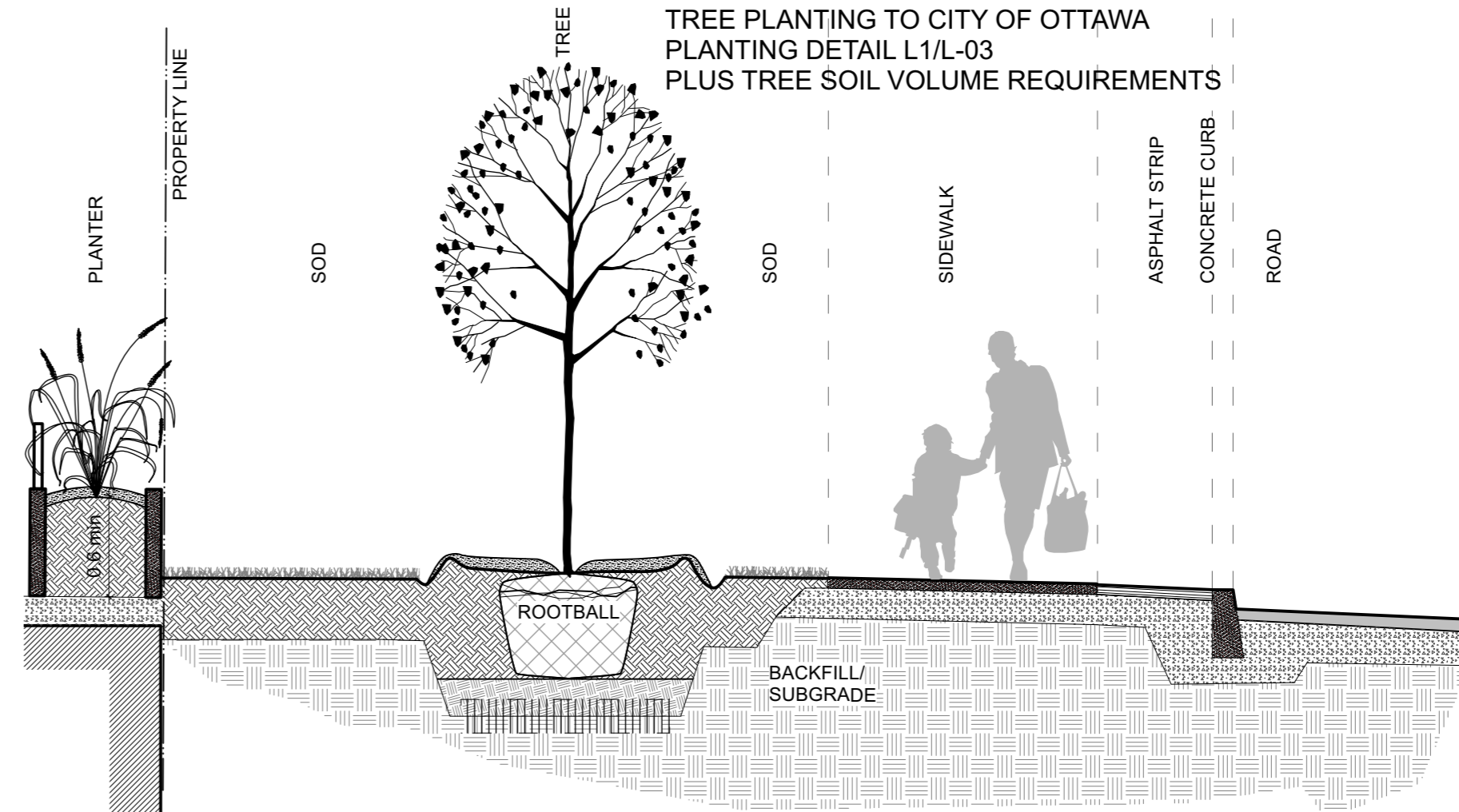
1 SECTION A-A - INTERIOR COURTYARD SEATING PLANTERS

Scale: NTS



2 SECTION B-B - EXTERIOR TERRACE

Scale: NTS



3 SECTION AT STREET TREE PLANTING

Scale: NTS

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project

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SECTIONS / DETAILS		
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project number <b>20-1629</b>	drawing number <b>L - 03</b>	

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