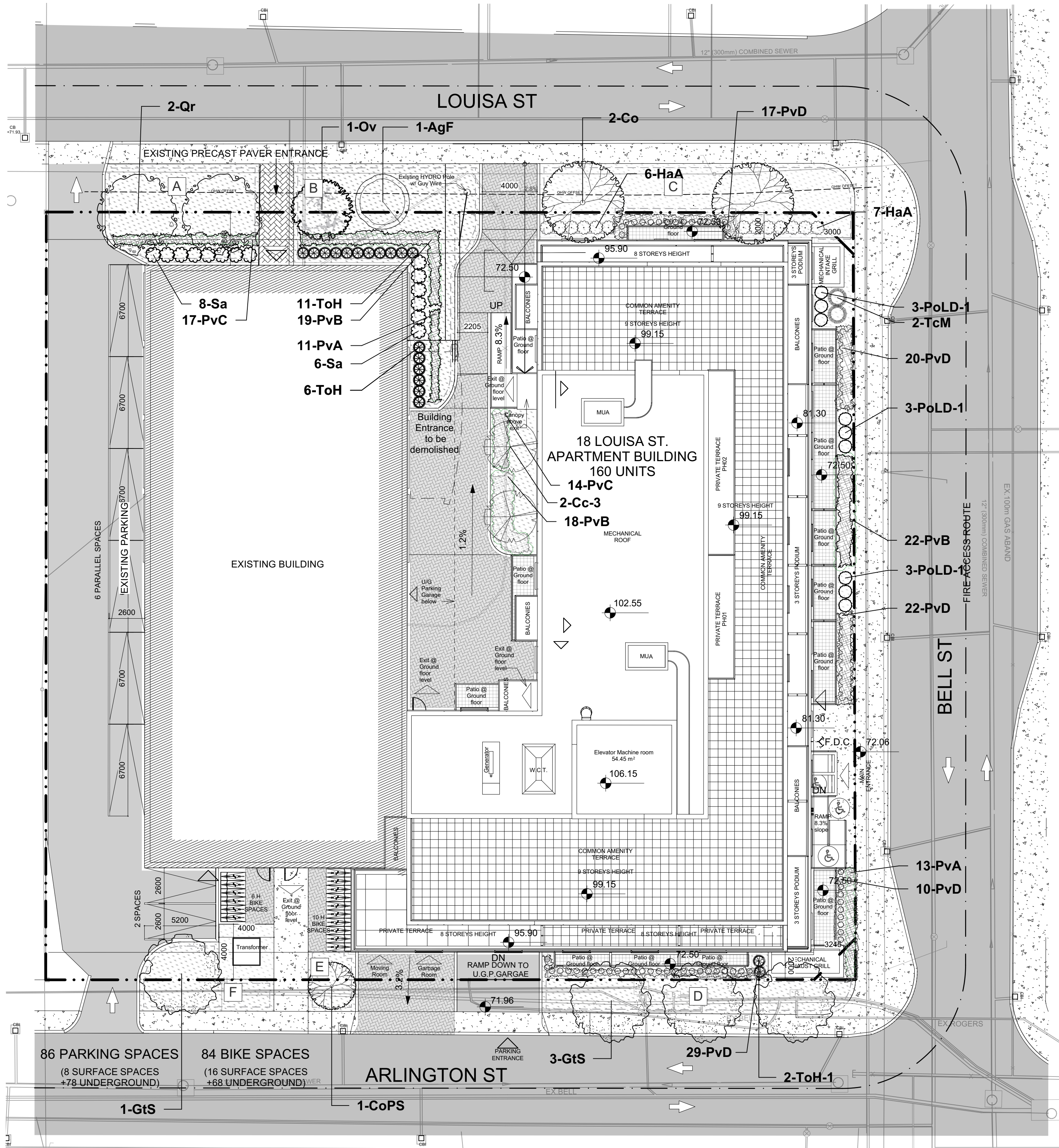


## NOTES:

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 AUG 09, 2024 FOR TREE PROTECTION  
MEASURES AND DETAILS.  
ALL TREES TO BE PLANTED A MINIMUM OF 1m FROM EDGE OF SIDEWALK



## LEGEND

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

ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
TREES					
AgF	1	Acer ginnala 'Flame'	Flame Amur Maple	45mm caliper	WB, Staked
Cc-3	2	Carpinus caroliniana	Bluebeech, Muscledwood	50mm caliper	WB, Staked
Co	2	Celtis occidentalis	Common Hackberry	60mm caliper	WB Staked
CoPS	1	Celtis occidentalis 'Prairie Sentinel'	Prairie Sentinel Hackberry	60mm dia.	WB Staked
GtS	4	Gleditsia triacanthos 'Shademaster'	Shademaster Honey Locust	60mm caliper	WB Staked
Ov	1	Ostrya virginiana	Ironwood	50mm dia.	WB Staked
Qr	2	Quercus rubra	Northern Red Oak	60mm caliper	WB Staked
SHRUBS					
HaA	13	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	2 gallon pot	0.9m o.c.
PoLD-	9	Physocarpus opulifolius 'Little Devil'	Little Devil Ninebark	50cm ht.	Potted
Sa	14	Symphocarpus albus	Common Snowberry	50 cm ht.	Potted
TcM	2	Taxus cuspidata 'Monloo'	Emerald Spreader Japanese Yew	60cm spd	0.5m o.c.
ToH	23	Thuja occidentalis ssp.	Dwarf Cedar ssp.	100 cm ht.	Potted
ToH-1	2	Thuja occidentalis ssp.	Dwarf Cedar ssp.	100 cm ht.	Potted
PERENNIALS					
PvA	24	Perennial Mix A - Sun-Shade	Coral Bells, Sedge, Hostas	150mm pot	
PvB	59	Perennial Mix B - Sun-Shade	Ornamental Grasses-Shade	150mm pot	
PvC	31	Perennial Mix C - Shade	Ferns, Hostas, Daylilies, Solomon's Seal	150mm pot	
PvD	98	Sun Grasses Mix D	Sedges, Feather Reed Grasses	150mm pot	

18 Louisa Street				
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 Plant bed (80 sq m x 0.45 metre deep)	2	36.0	30.6	85.00%
AREA B - 2 Medium shade trees plant bed (39 sq m x 0.6 metre deep)	2	50.0	67.2	134.40%
AREA C - 2 Large shade trees Plant bed (81.5 sq m x 0.45 metre deep)	2	36.0	41.2	114.38%
AREA D - 3 Medium shade trees plant bed (21 sq m x 0.8 metre deep)	3	45.0	39.2	87.11%
AREA E - 1 Small Ornamental tree plant bed (13.6 sq m x 0.6 metre deep)	1	8.0	6.6	82.50%
AREA F - 1 Medium shade tree plant bed (6 sq m x 0.8 metre deep)	1	25.0	22.4	89.60%
* 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 be 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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<div><div><div></div><div>seal</div></div><div><div>ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO</div><div>MEMBER</div></div></div> <div>north</div>		

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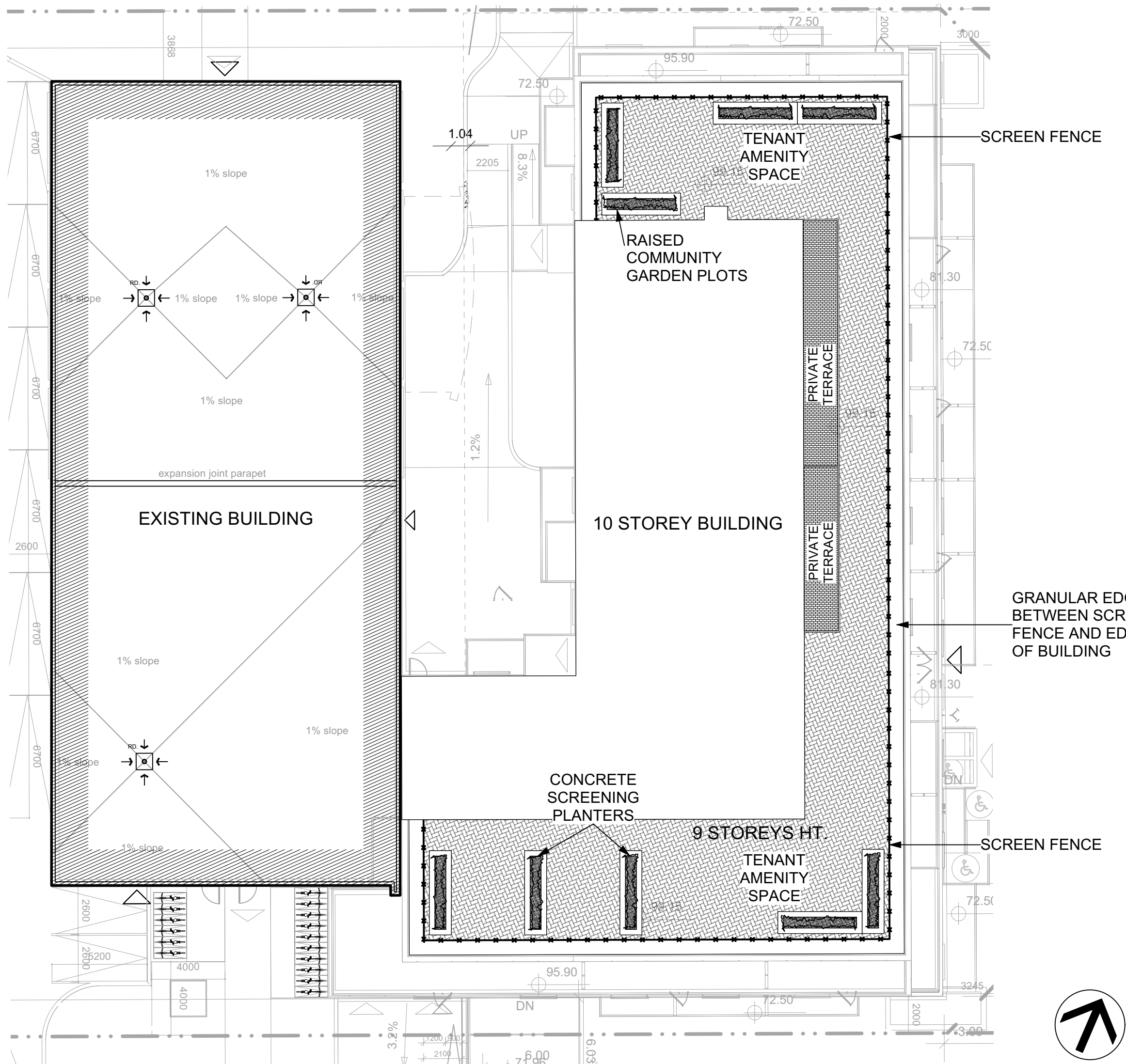
project  
**18 LOUISA STREET**  
OTTAWA, ON

drawing title  
**LANDSCAPE PLAN**

scale	drawn by J. K. / T.F.	designed by J.K. / M.R.
date JUNE 2021	checked by M. R.	plot date 2021 06 01
project number <b>20-1629</b>	drawing number <b>L - 01</b>	

Contractor to check and verify all dimensions on the job



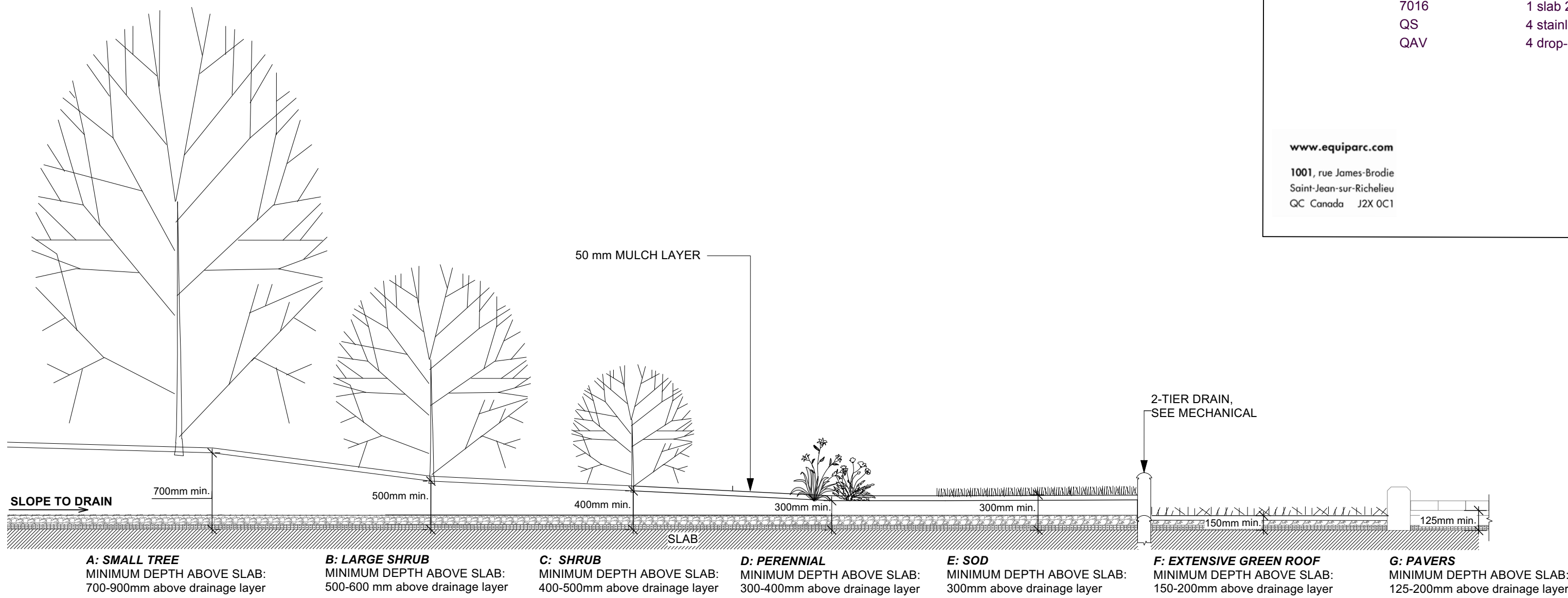


1 LANDSCAPE PLAN- ROOF TERRACE  
Scale: 1:200

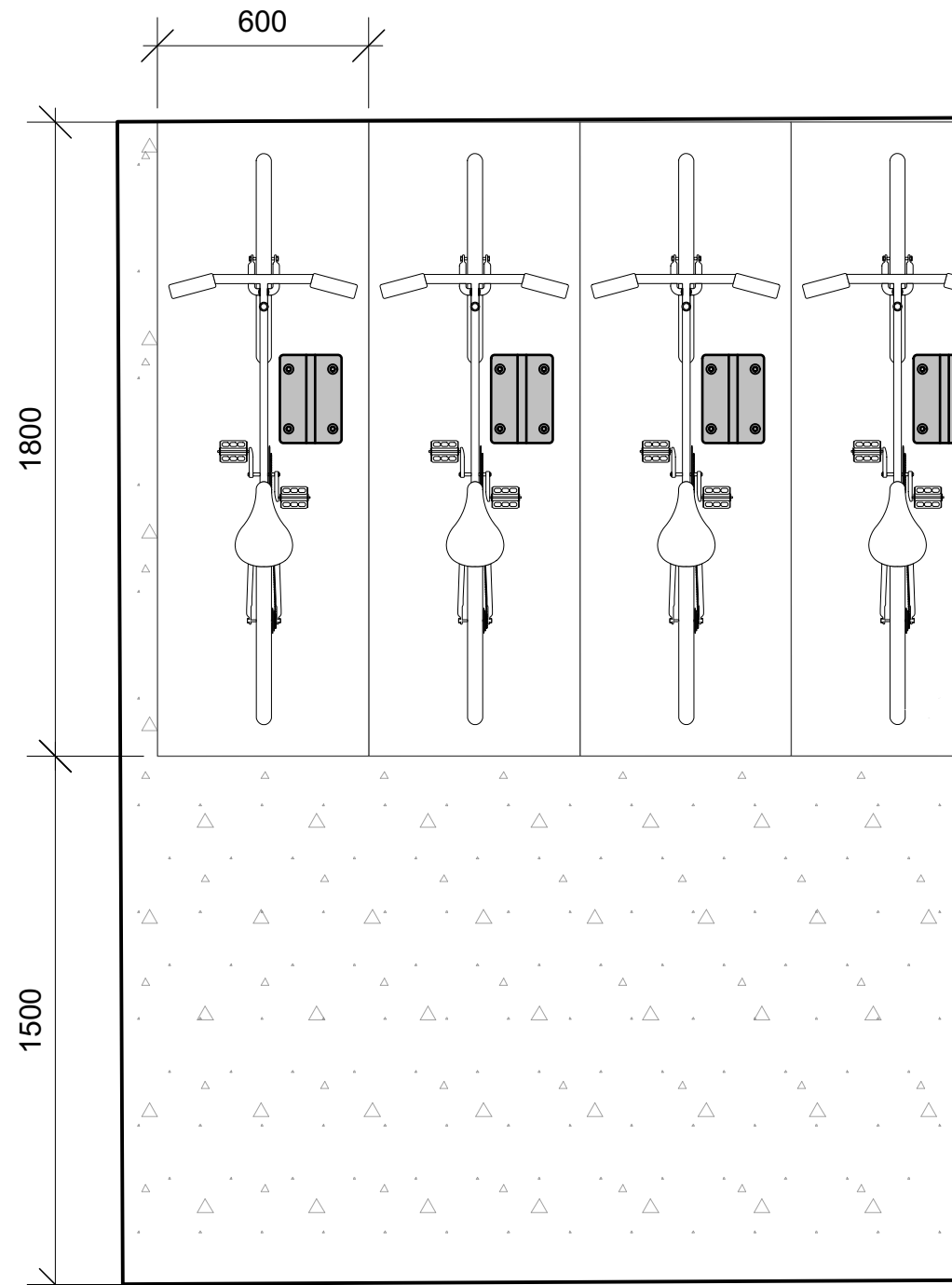
Plant List - Roof plan					
ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
PERENNIALS					
PvD-1	270	Perennial Mix D - Sun	Ornamental Grasses - Sun	150mm pot	

\* 30 PvD Per Planter

LEGEND	
	PROPERTY LINE
	PROPOSED ROOFTOP AMENITY SPACE PAVERS
	PROPOSED PLANTER
	PROPOSED ORNAMENTAL GRASSES



2 SECTION OF SOIL PROFILES ON SLAB  
Scale: NTS



3 BIKE RACK LAYOUT  
Scale: NTS

T : 430 346 1882  
F : 430 346 2338

EP 5900 Bike rack

**SPECIFICATIONS**

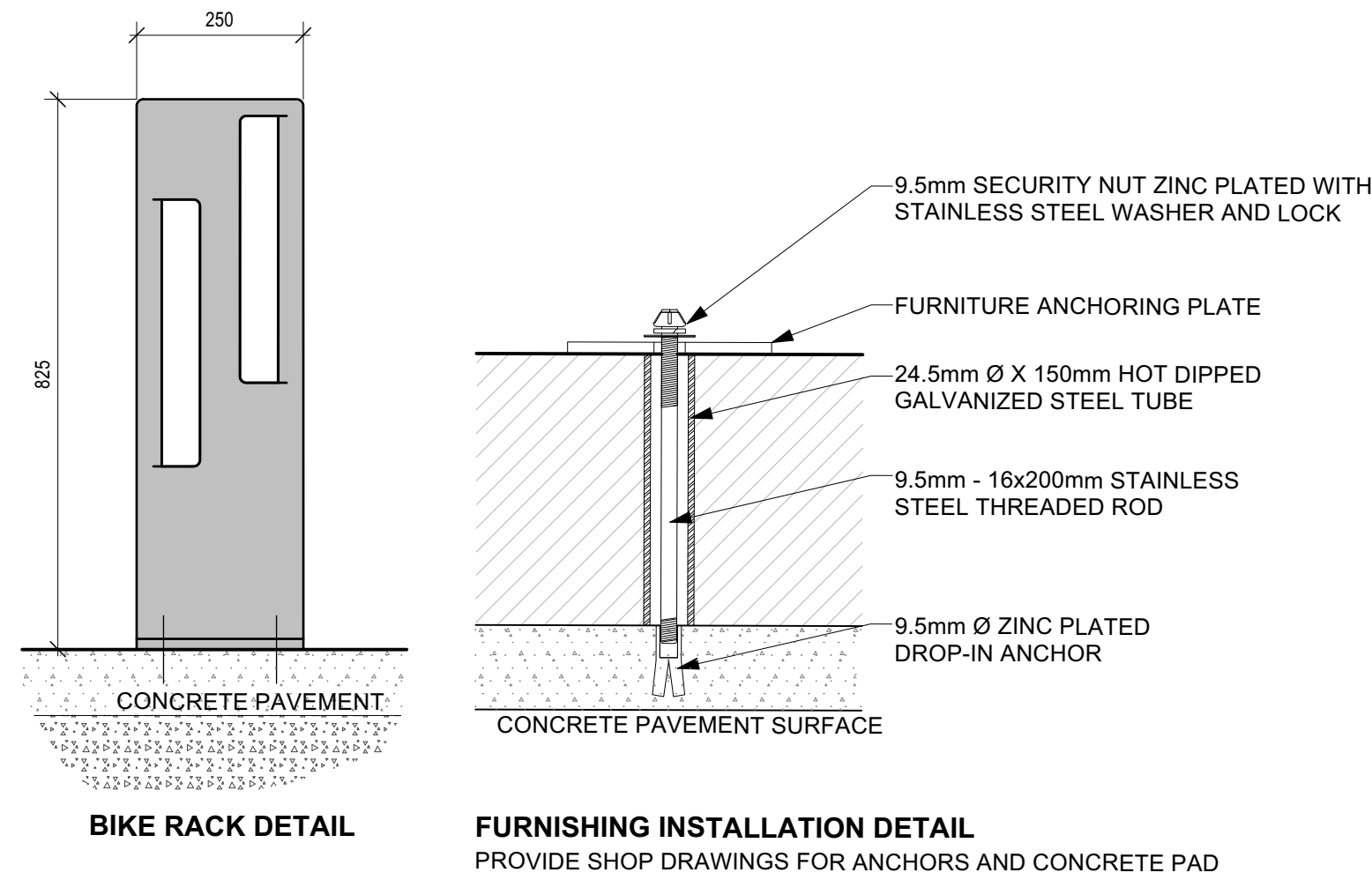
Frame : Aluminum components  
Finish : Polyester powder coated

Height: 32 1/2" Width: 7" Length: 10" Weight : 35 lb

**CONCRETE SLABS AND ANCHORS**

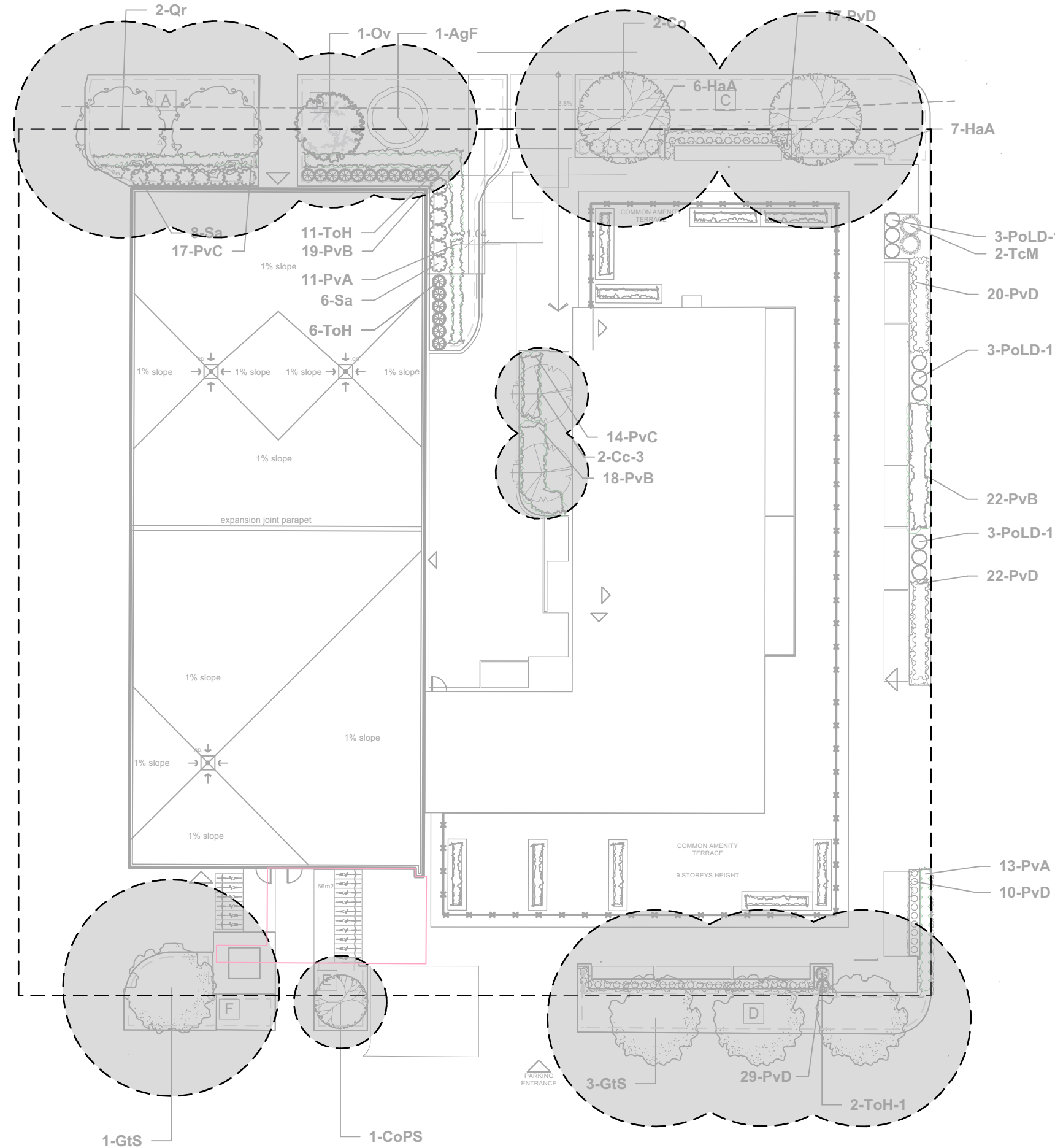
7003 1 slab 36" X 36" X 6"  
7005 1 slab 24" X 24" X 6"  
7016 1 slab 24" dia. X 8" high.  
QS 4 stainless steel kwik bolts  
QAV 4 drop-in anchors with stainless steel theftproof bolts

www.equiparc.com  
1001, rue James Brodie  
Saint-Jean-sur-Richelieu  
QC Canada J2X 0C1



4 BIKE RACK INSTALLATION  
Scale: NTS

TREE CANOPY COVERAGE		
TOTAL CANOPY AREA	1200	m2
TOTAL SITE AREA	3307.5	m2
PERCENT COVERAGE	36.28%	



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**18 LOUISA STREET**  
OTTAWA, ON

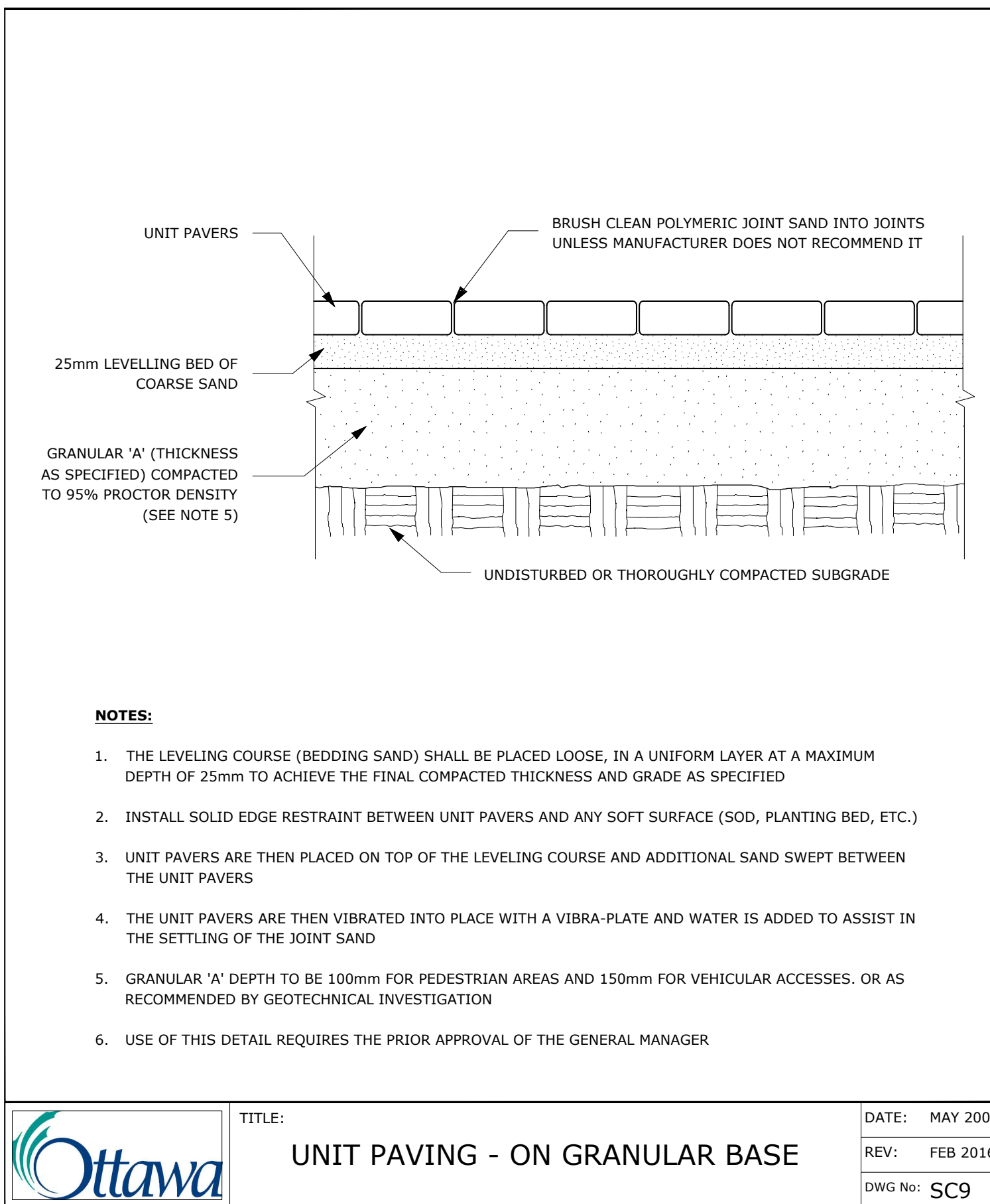
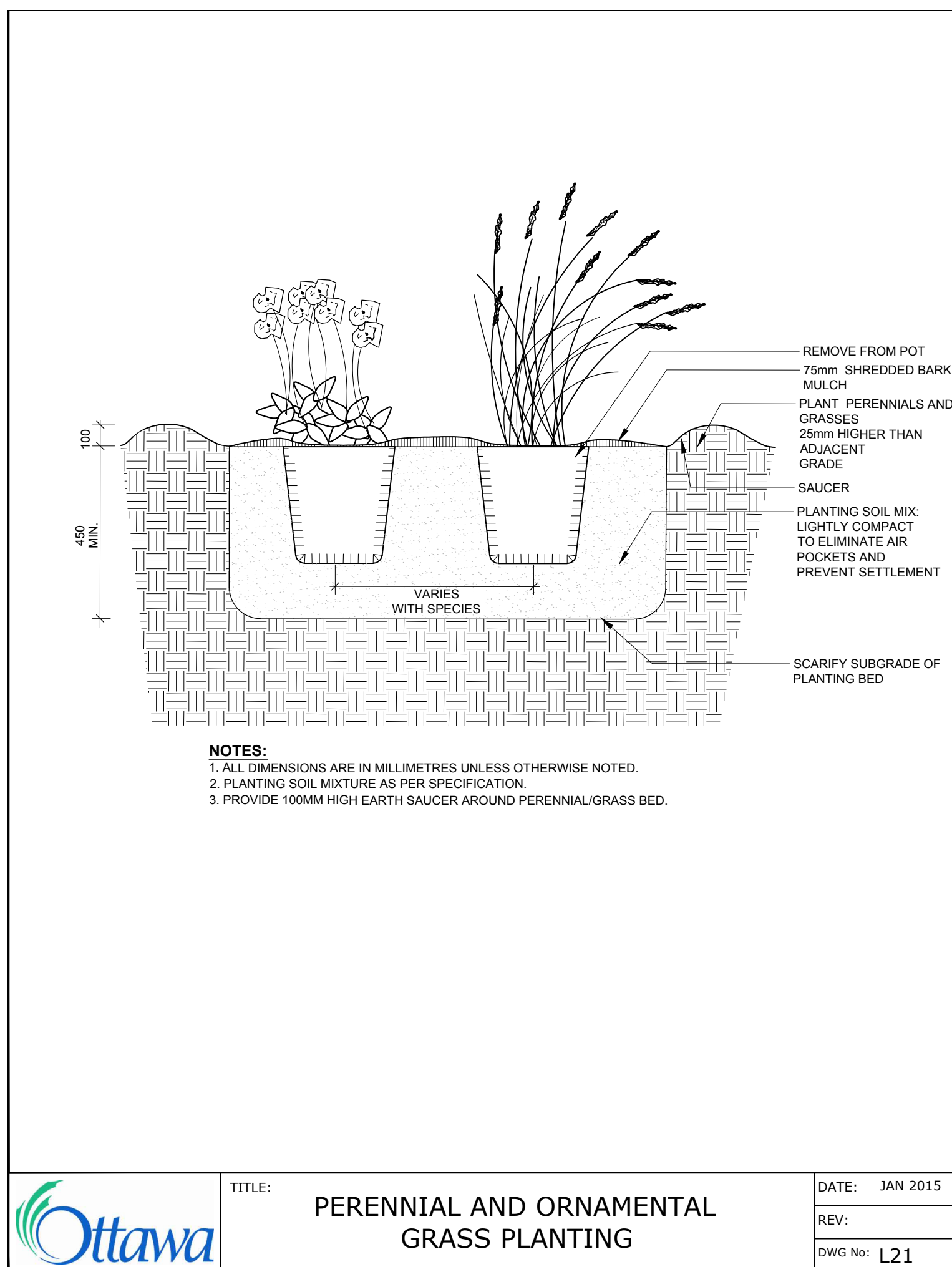
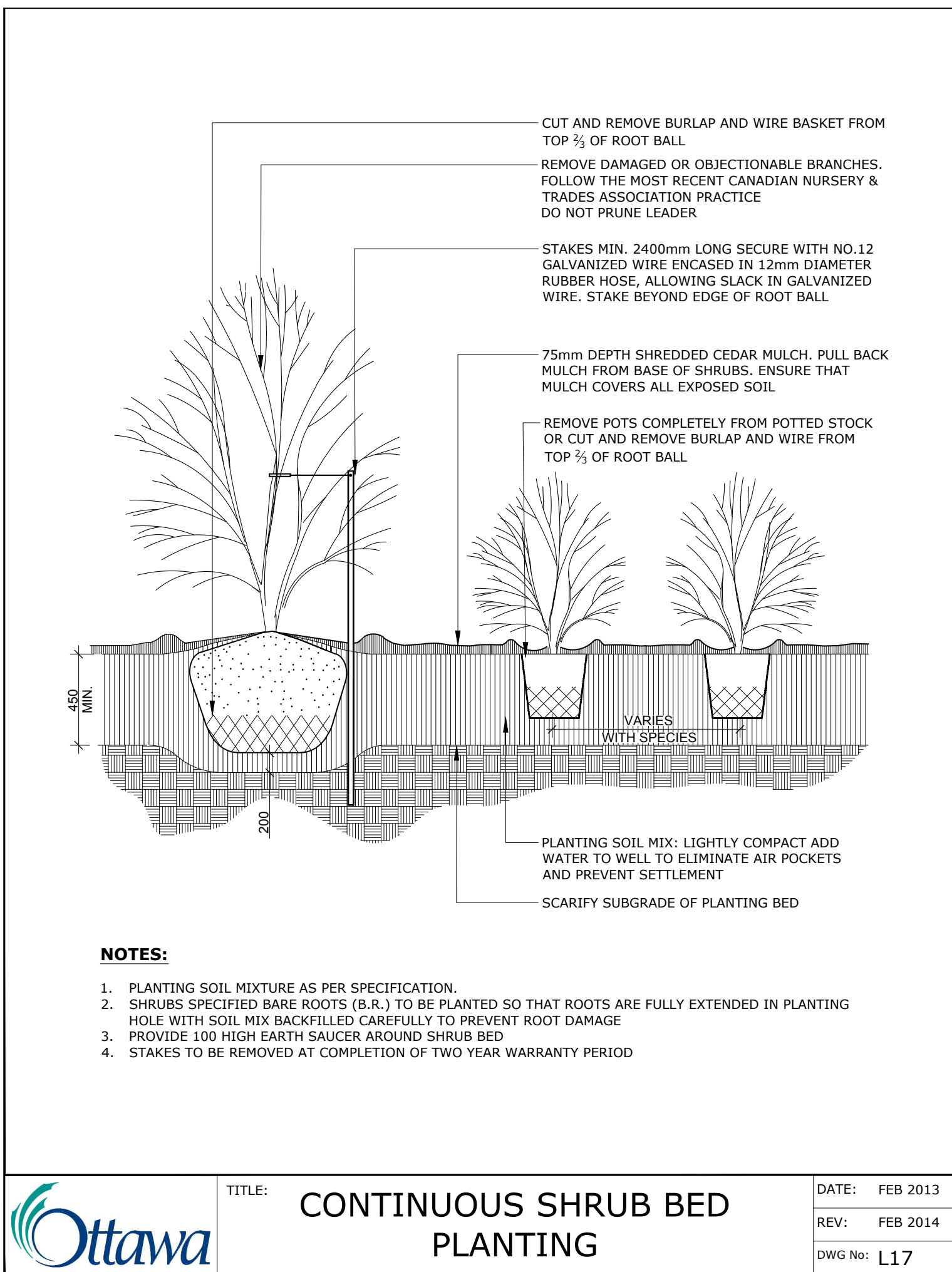
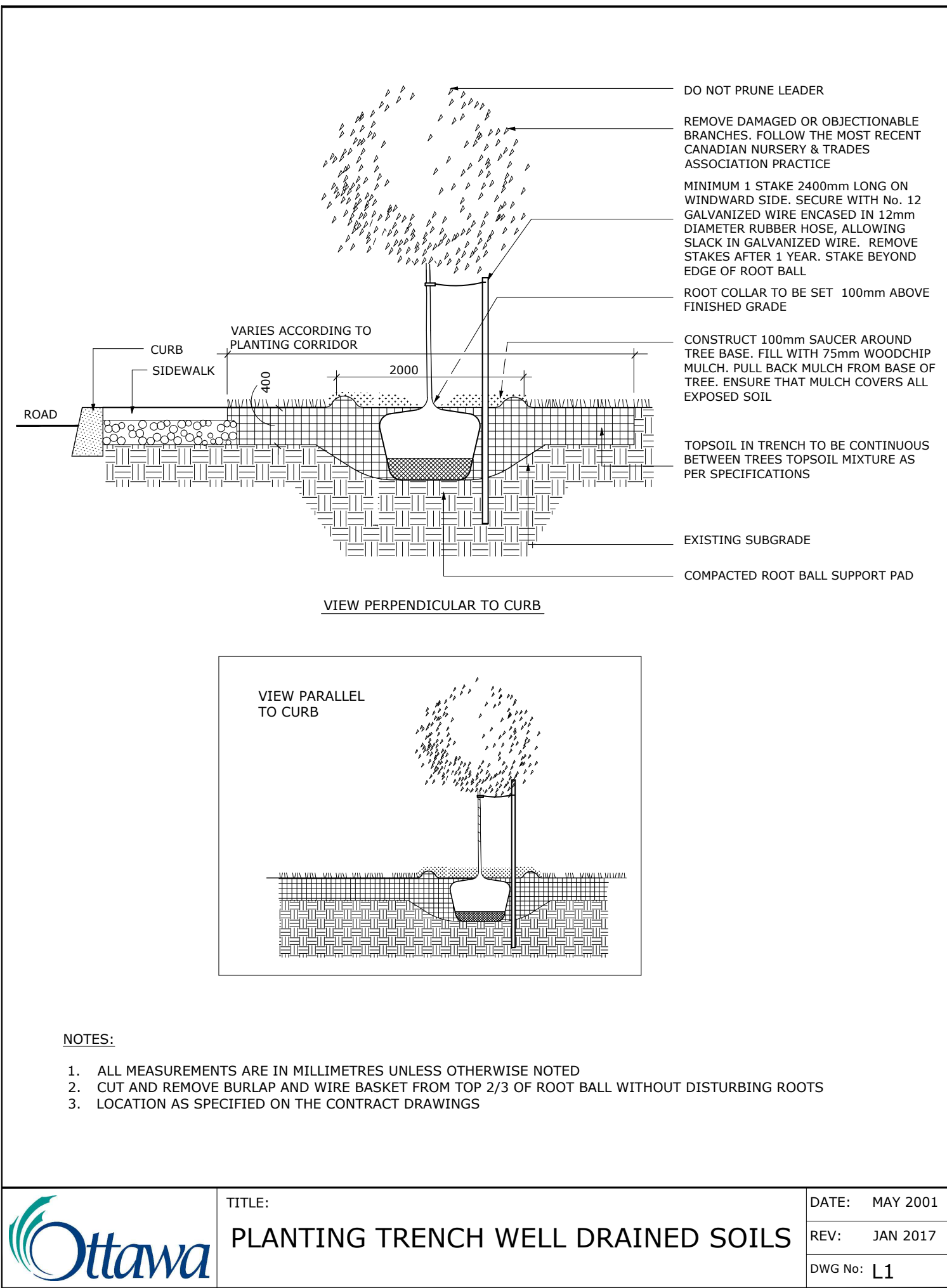
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**ROOF PLAN /  
BIKE RACK LAYOUT**

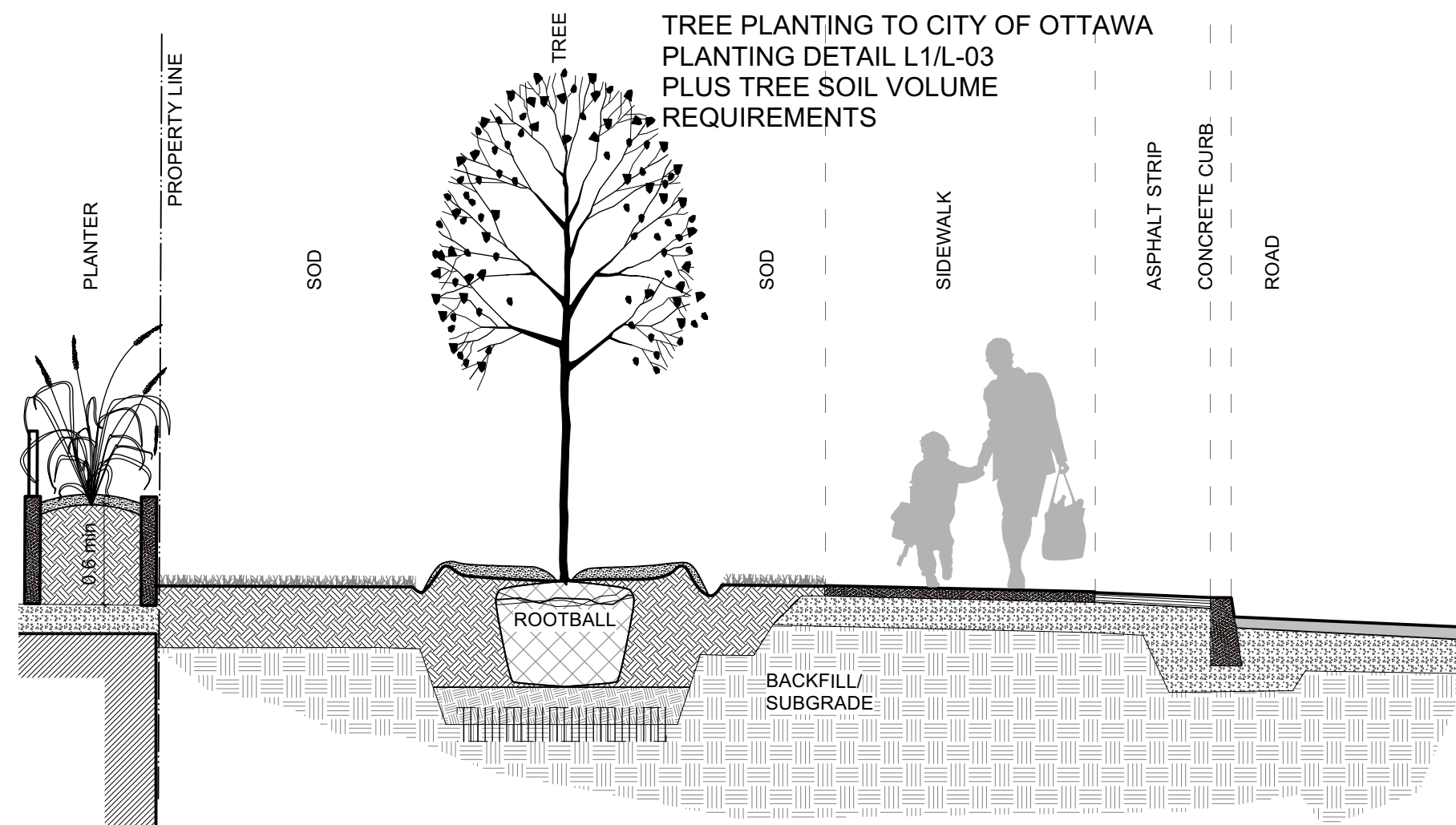
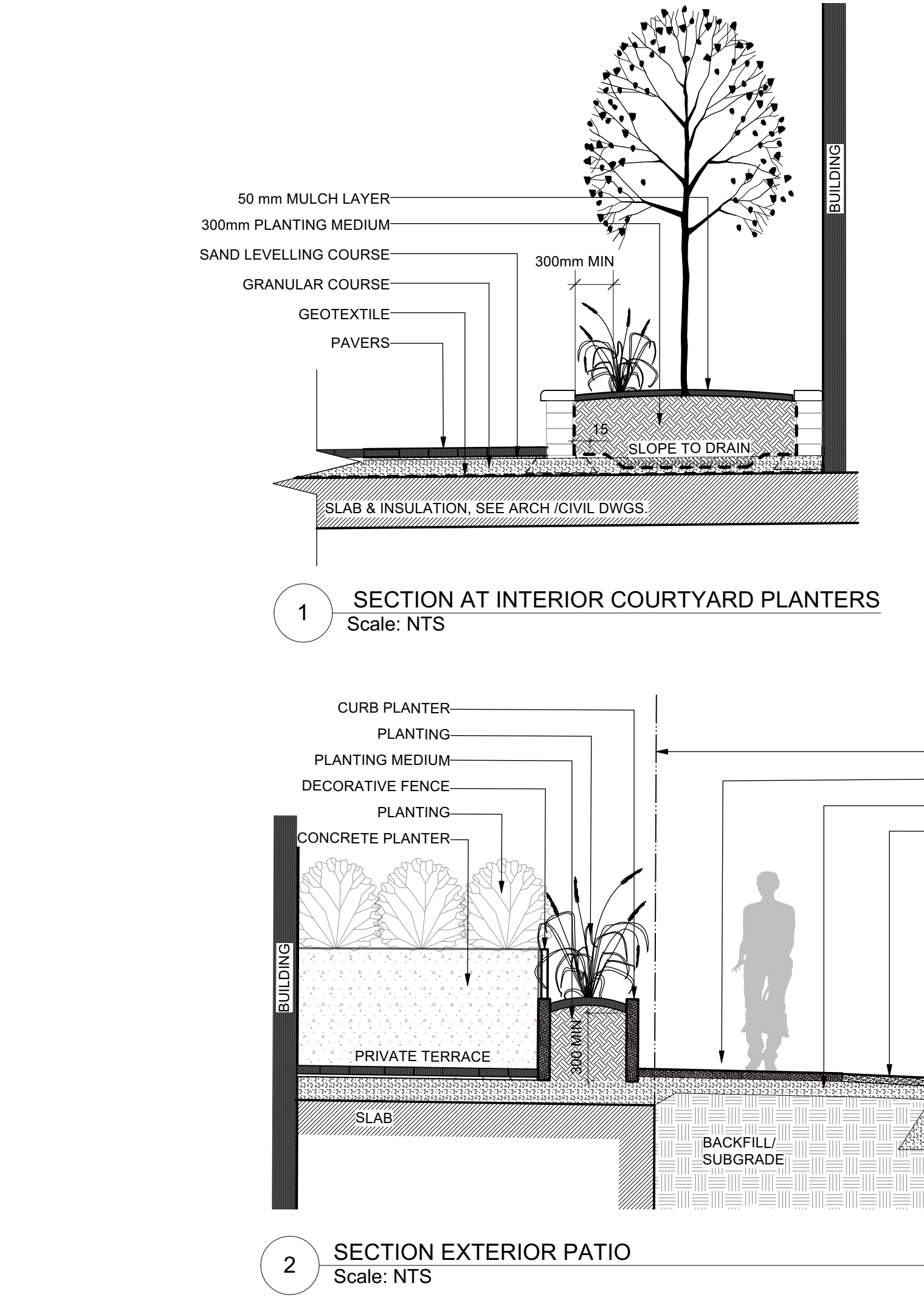
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project number <b>20-1629</b>	drawing number <b>L - 02</b>	

Contractor to check and verify all dimensions on the job





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.



## NOTES

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 (AS PER CITY DETAL L1).

WHERE EXISTING MATERIAL BELOW THE SPECIFIED IMPORTED 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 CHART AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.

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project

**18 LOUISA STREET**  
OTTAWA, ON

drawing title

**SECTIONS / DETAILS**

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project number	drawing number
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**20-1629**  
**L - 03**

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