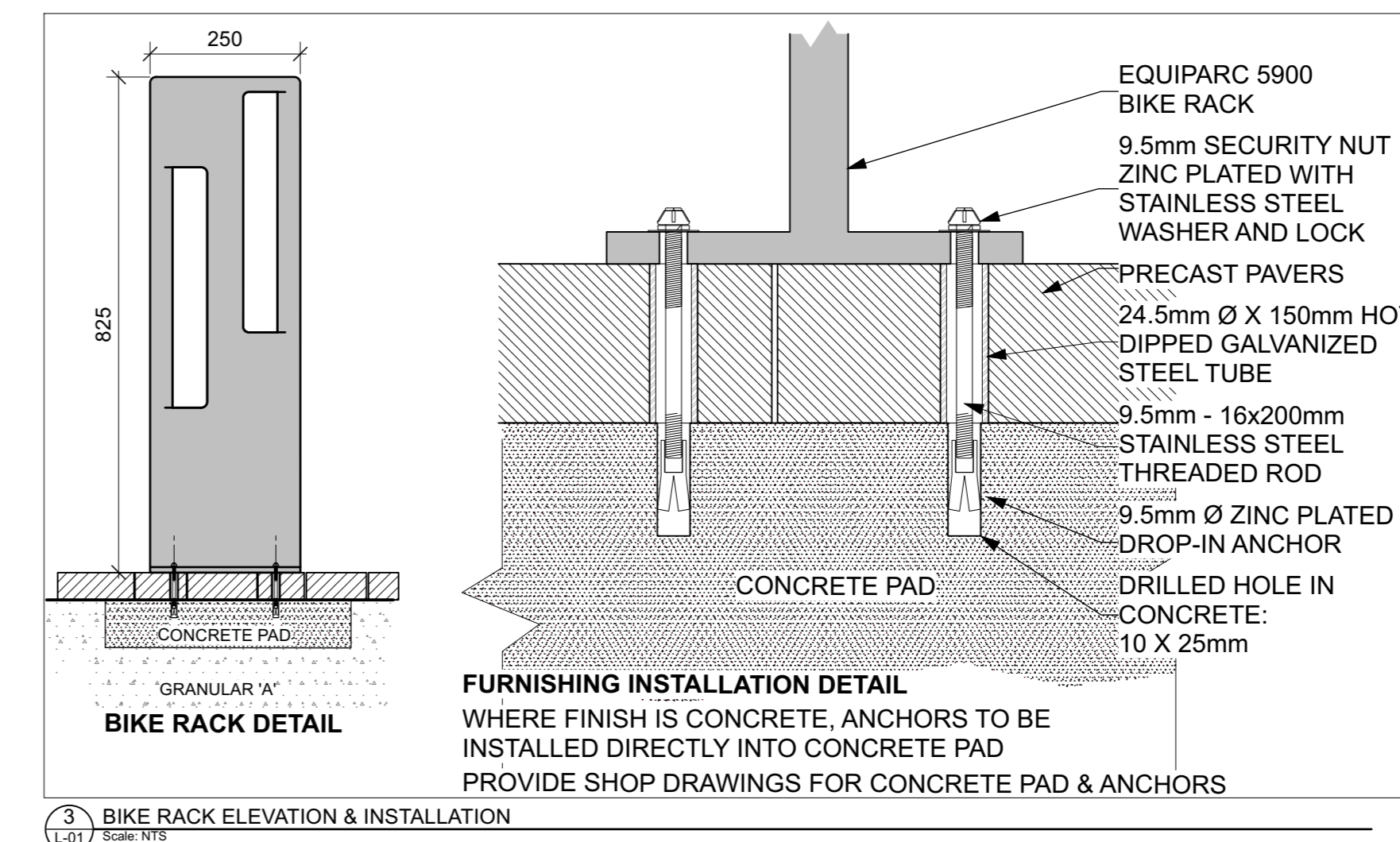
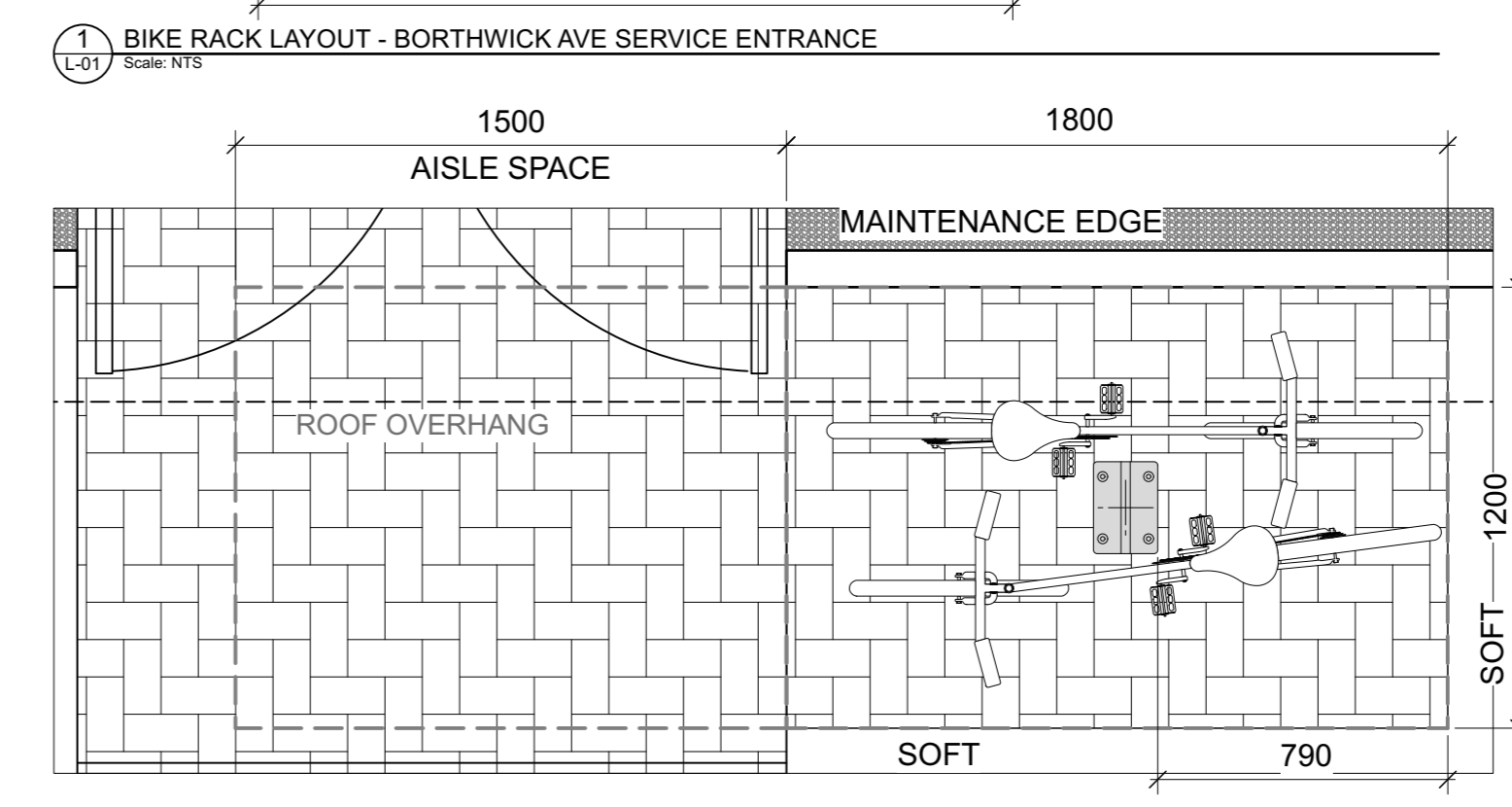
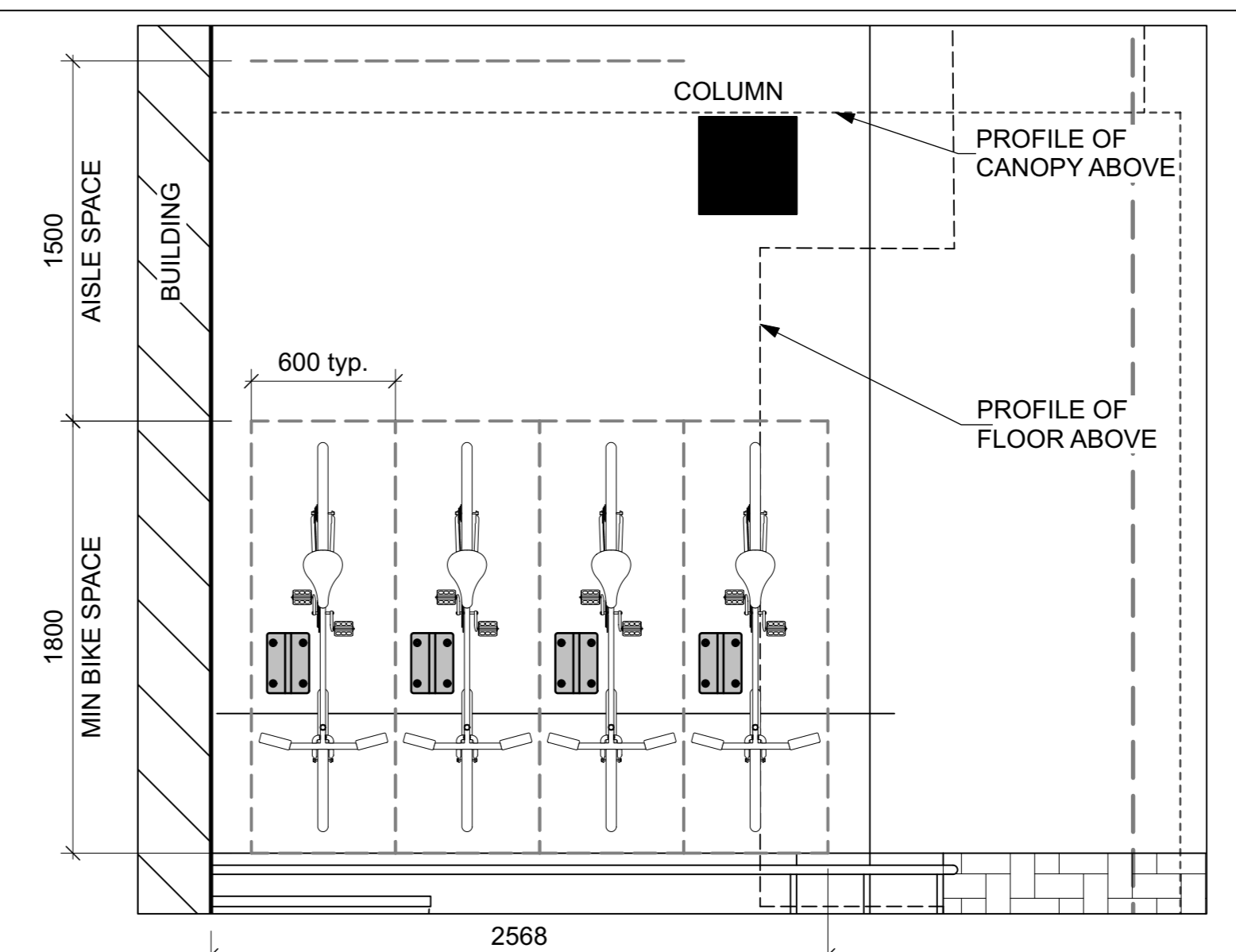


ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
TREES					
Bp	2	Betula papyrifera	Paper Birch, Canoe Birch	Clump 250 cm, 15gal	
CaW	1	Caragana arborescens 'Walker'	Walker Siberian Peashrub	150 cm	B&B / WB, single stem
Co	1	Celtis occidentalis	Common Hackberry	60mm caliper	WB Staked
JvSR	32	Juniperus virginiana 'Skyrocket'	Skyrocket Juniper	150 cm	Potted
MHG	2	Malus 'Harvest Gold'	Harvest Gold Crab Apple	60mm caliper	WB, Staked
SrIP	5	Syringa reticulata 'Ivory Pillar'	Ivory Pillar Tree Lilac	45mm dia.	WB Staked
SHRUBS					
DI	7	Diervilla lonicera	Dwarf Bush-honeysuckle	50cm ht	1.0m o.c.
HaA	13	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	2 gallon pot	0.9m o.c.
Lb	7	Lindera benzoin	Spicebush	50cm ht	1.0m o.c.
Pmm	1	Pinus mugo mughus	Mugho Pine	75cm spd	2m o.c.
RaLG	26	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	40 cm ht.	Potted
SbF	2	Spiraea bumalda 'Froebelii'	Froebel's Spirea	50cm ht.	Potted, 1.0m o.c.
SpBW	3	Spiraea prunifolia	Bridal Wreath Spirea	50 cm ht.	Bare root
ToH	4	Thuja occidentalis 'Holmstrup'	Holmstrup Eastern Arborvitae	100 cm ht.	Potted
PERENNIALS					
PvA	71	Sun / Shade - Coral Bells, Sedges, Hostas			
PvB	17	Shade - Ornamental Grasses			
PvC	79	Shade - Ferns, Hostas, Daylilies, Solomon's Seal			
PvD	40	Sun - Sedges, Feather Reed Grasses			

Soil Volume Area, Tree Quantity and Size (soil to depth of 1m in areas A & B, all other areas to depth of 0.9m)	Tree Quantity	OTTAWA Target Soil Volume (m³)	Design Soil Volume	Soil Adequacy percentage
AREA A - 1 small ornamental tree (15cm DBH)* plant bed (11.2 sq m x 1 metre deep)	1	8.0	11.2	140.00%
AREA B - 1 medium tree plant bed (27.1 sq m x 1 metre deep)	1	25.0	27.1	108.40%
AREA C - 2 medium trees plant bed (33.5 sq m x 0.9 metre deep)	2	30.0	30.2	100.50%
AREA D - 1 large tree, 1 medium tree plant bed (37.6 sq m x 0.9 metre deep)	2	33.0	33.8	102.55%
AREA E - 2 small trees plant bed (28.5 sq m x 0.9 metre deep)	2	24.0	25.7	106.88%
AREA F - 1 small ornamental tree (10cm DBH)* plant bed (5.8 sq m x 0.9 metre deep)	1	6.0	5.2	87.00%
AREA G - 1 small ornamental tree (15cm DBH)* plant bed (9.7 sq m x 0.9 metre deep)	1	8.0	8.7	109.13%
AREA H - 1 small ornamental tree (15cm DBH)* plant bed (7.5 sq m x 0.9 metre deep)	1	8.0	6.8	84.38%

* Small ornamental trees with growth to 8-15cm DBH, large shrubs, and columnar conifers calculated using 'How much soil to grow a big tree' by DeepRoot as a guide

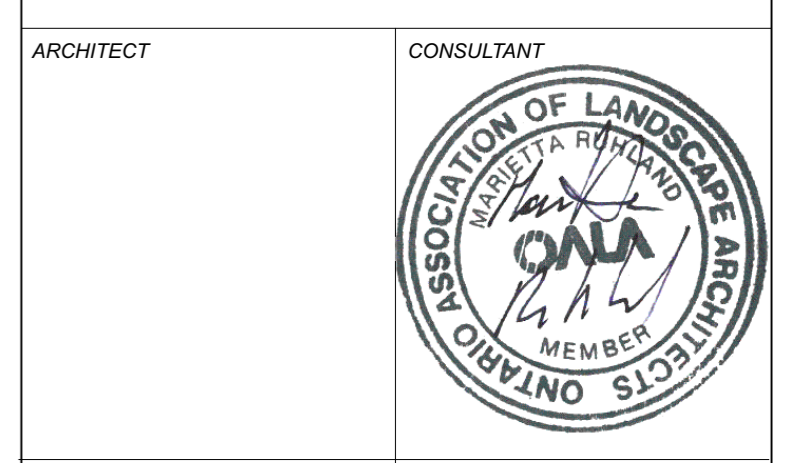
† EXTRA SOIL DEPTH TO ALLOW FOR POSSIBLE FUTURE BUS STOP INSTALLATION



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NUMBER	MILESTONE / FAT SALLANT	DATE	SYMBOL	INITIALS
6				
5				
4				
3	Site plan Control resubmission	2022 07 19		
2	Re-issued for Site plan Control	2022 04 22		
1	Issued for Site plan Control	2021 10 26		

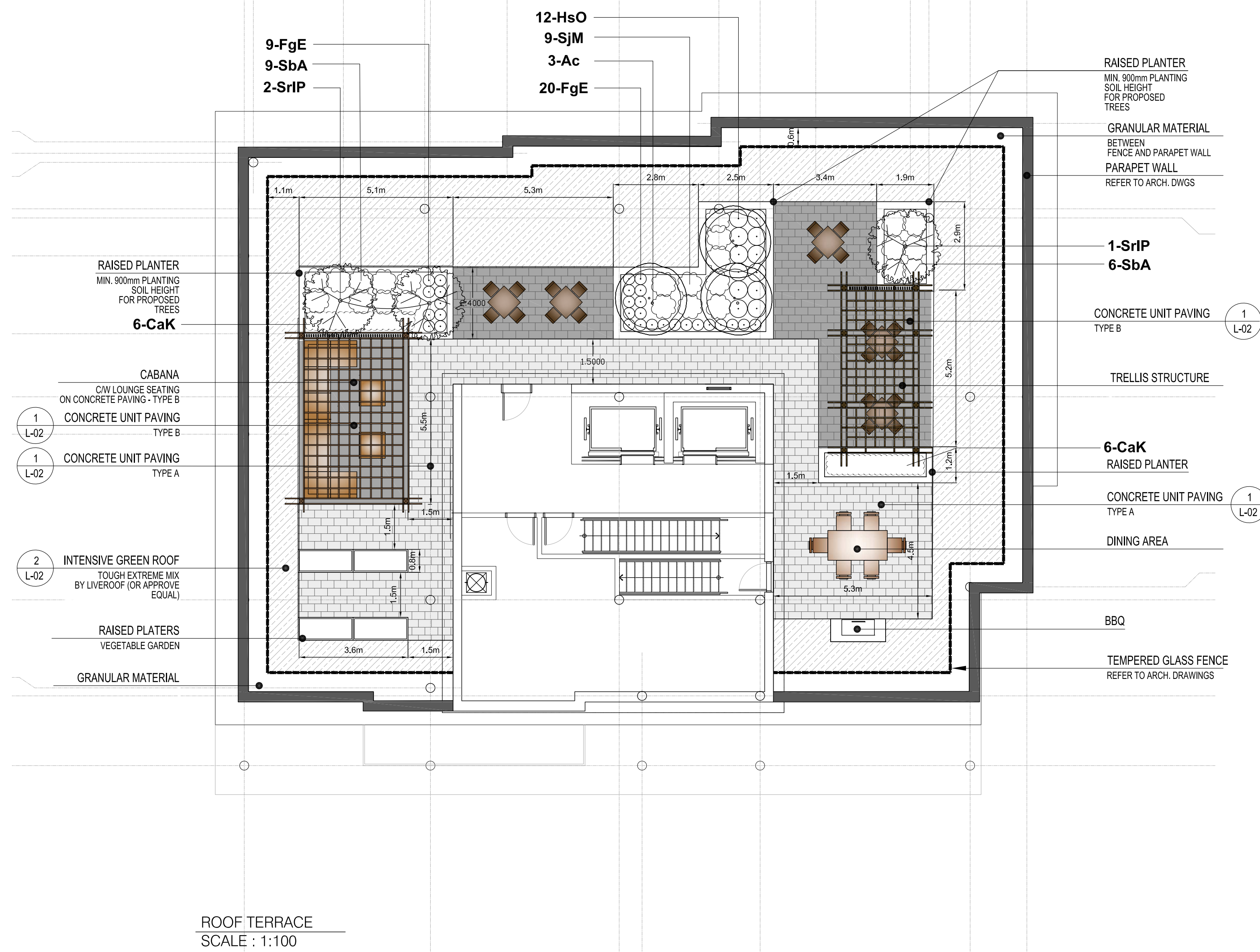
DESIGNED BY / CONSULTANT: M RUHLAND
CHECKED BY / SUPERVISOR: M RUHLAND
DRAWN BY / DESIGNER: T FROST
SCALE / SHELL: Scale: 1:100
0 1 2 3 4 5 6 m



PROJECT / LOCATION: 630 MONTREAL ROAD APARTMENT BUILDING COMPLEX
630 MONTREAL ROAD OTTAWA, ON

DRAWING: PLANTING PLAN

DATE: OCT 2021
PROJECT NO.: 21-1646
SHEET NO.: L01



LiveRoof Tough Extreme Mix

Design Intent: Low maintenance. Extra durable plants that resist extreme heat and cold, and smother the soil like no others.

- Foliage:** Evergreen and Deciduous, deep green, yellowish green, and blue green.
- Flowers:** Yellow and white with accents of pink.
- Systems:** X-Lite, Lite, Standard

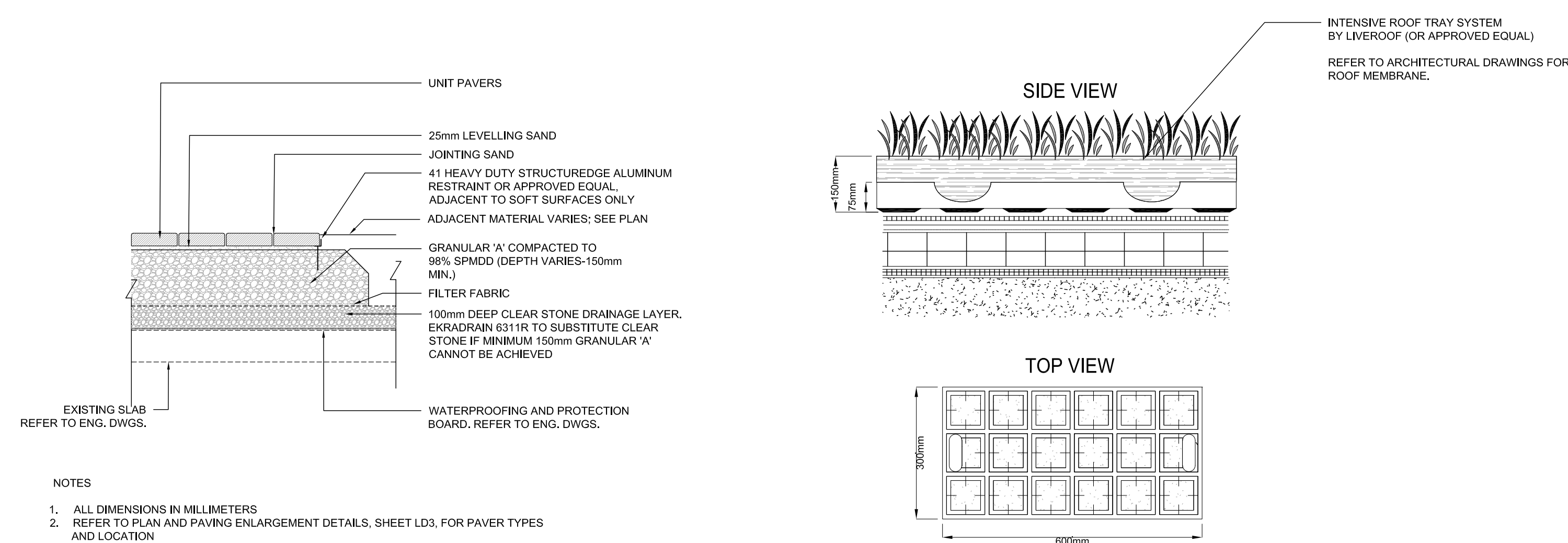
Base Plants

1	Sedum album 'Coral Carpet'	Recommended density = 1 per every 2 modules
2	Sedum floriferum 'Winter Cherry Red'	Recommended density = 1 per every 2 or 3 modules
3	Sedum hybridum 'Immergrunchen'	Recommended density = 1 per every 2 modules
4	Sedum middendorffianum var. 'Striatum'	Recommended density = 1 per every 2 modules
5	Sedum spurium 'Roseum'	Recommended density = 1 per every 2 modules
6	Sedum tetenium	Recommended density = 1 per every 2 modules

Accent Plants

1	Allium tanguticum 'Summer Beauty'	Recommended density = 1 per every 2 or 3 modules
2	Sedum kamschatcicum 'Takahira Dake'	Recommended density = 1 per every 2 modules
3	Sedum spectabile 'Neon'	Recommended density = 1 per every 2 modules

ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
TREES					
Ac	3	Amelanchier canadensis	Serviceberry	45mm caliper	WB, Multi-Stem
SrIP	3	Syringa reticulata 'Ivory Pillar'	Ivory Pillar Tree Lilac	45mm dia.	WB Staked
SHRUBS					
SbA	15	Spiraea x bumalda 'Anthony Waterer'	Anthony Waterer Spirea	50cm ht.	Potted, 0.6 m o.c.
SjM	9	Spiraea japonica 'Flaming Mound'	Flaming Mound Spirea	50cm ht.	Potted, 0.6 m o.c.
PERENNIALS					
CaK	12	Calamagrostis acutiflora 'Karl Foerster'	Feather Reed Grass	2 gal.	Potted 0.6m o.c.
FgE	29	Festuca glauca 'Elijah Blue'	Grasses	2 gal.	Potted 0.3m o.c.
HsO	12	Hemerocallis 'Stella D'Oro'	Stella D'Oro Daylily	2 gal.	Potted, 0.5m o.c.



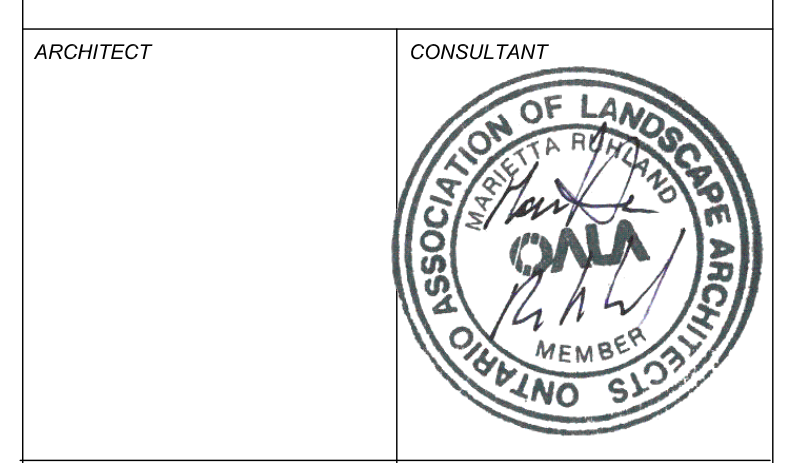
1 L-02 CONCRETE UNIT PAVING - ON SLAB NTS

2 L-02 INTENSIVE ROOF TRAY SYSTEM NTS

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6			
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3			
2			
1	Issued for Site plan Control		

DESIGNED BY / CONSULTANT	CHECKED BY / SUPERVISOR
M RUHLAND	M RUHLAND
DRAWN BY / DESIGNER	
J K / T F	



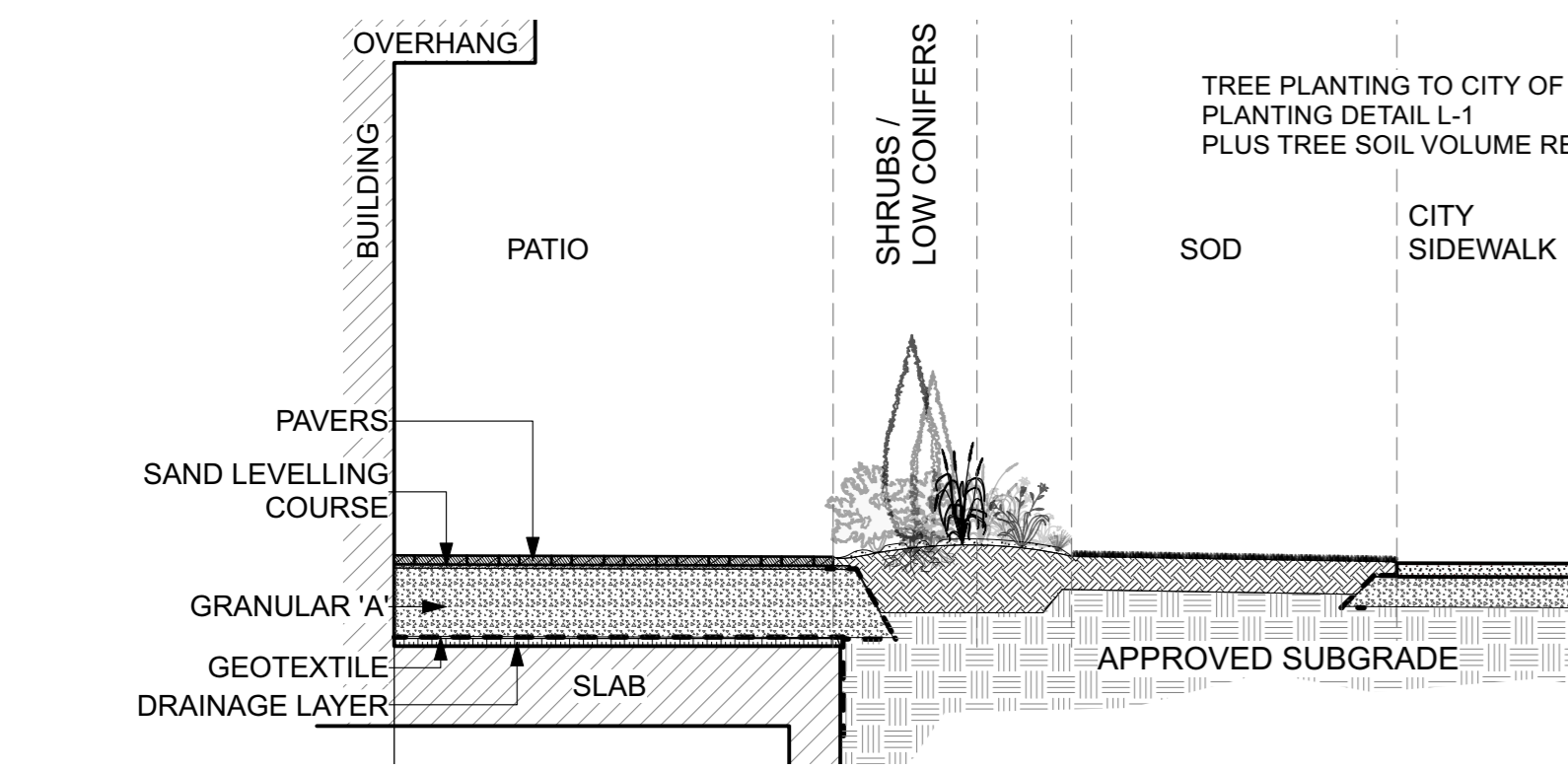
PROJECT / LOCATION
 630 MONTREAL ROAD
 APARTMENT BUILDING
 COMPLEX

630 MONTREAL ROAD
 OTTAWA, ON

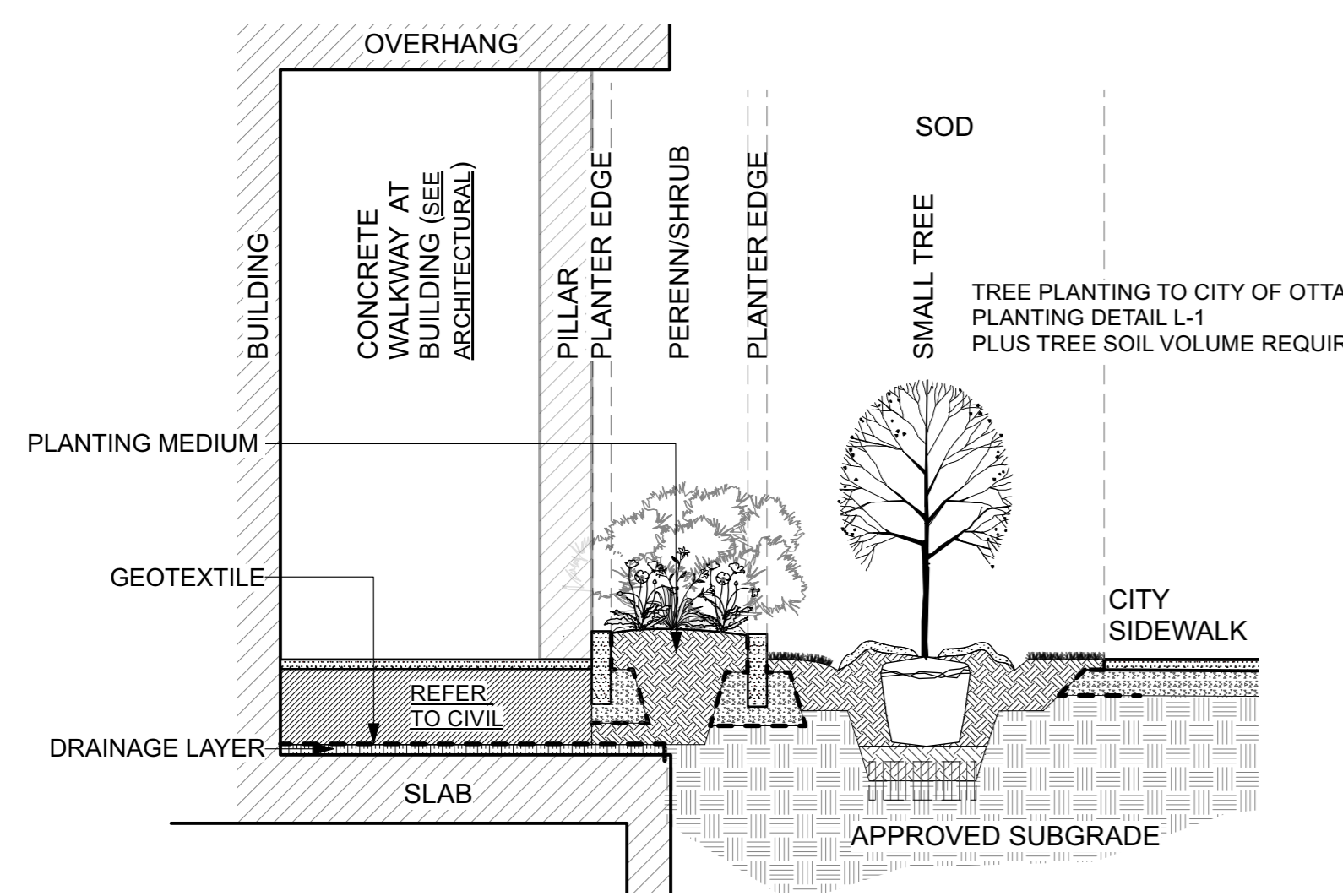
DRAWING

GREEN ROOF PLAN

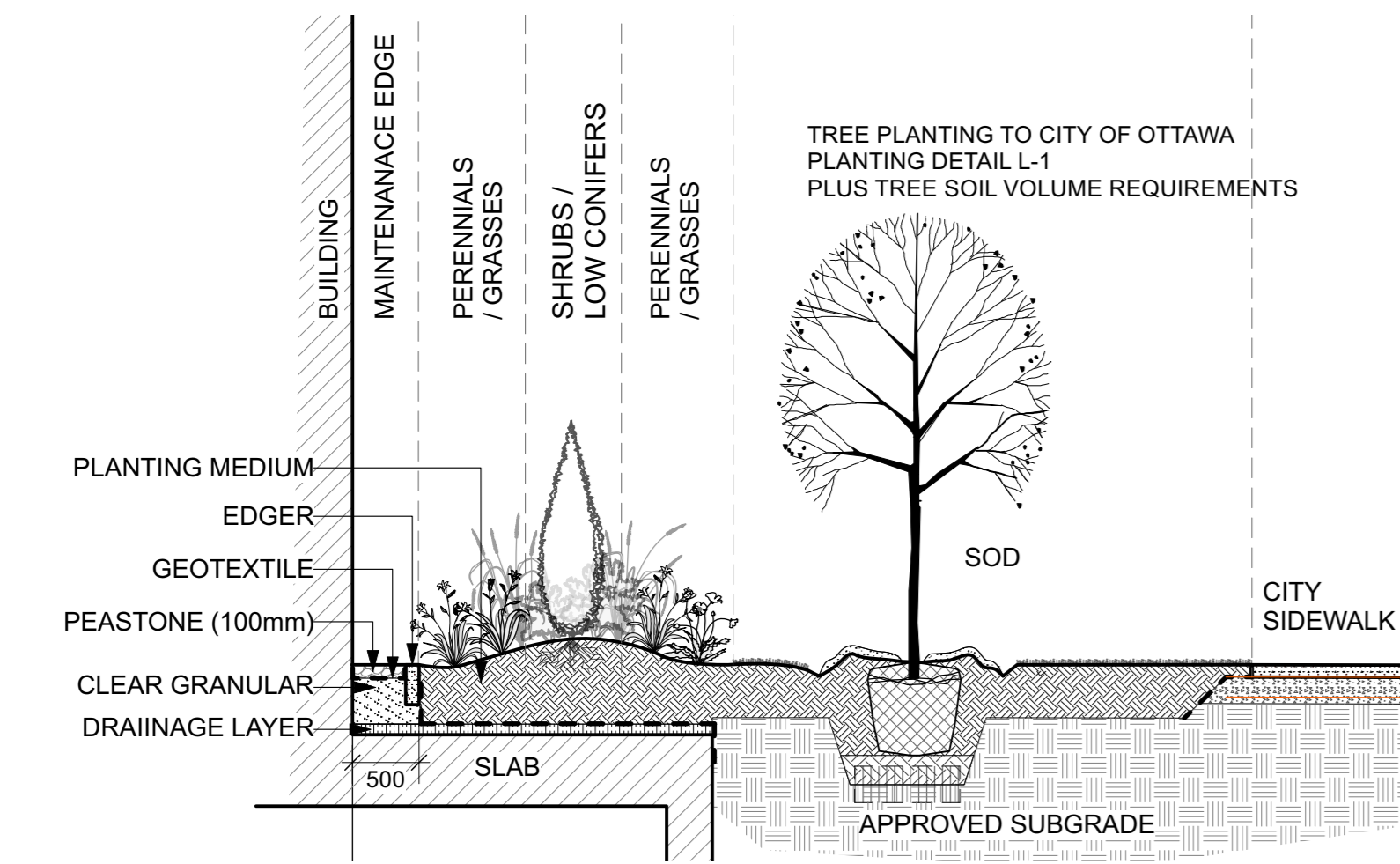
DATE	SHEET NO.
OCT 2021	L02
PROJECT NO.	
21-1646	



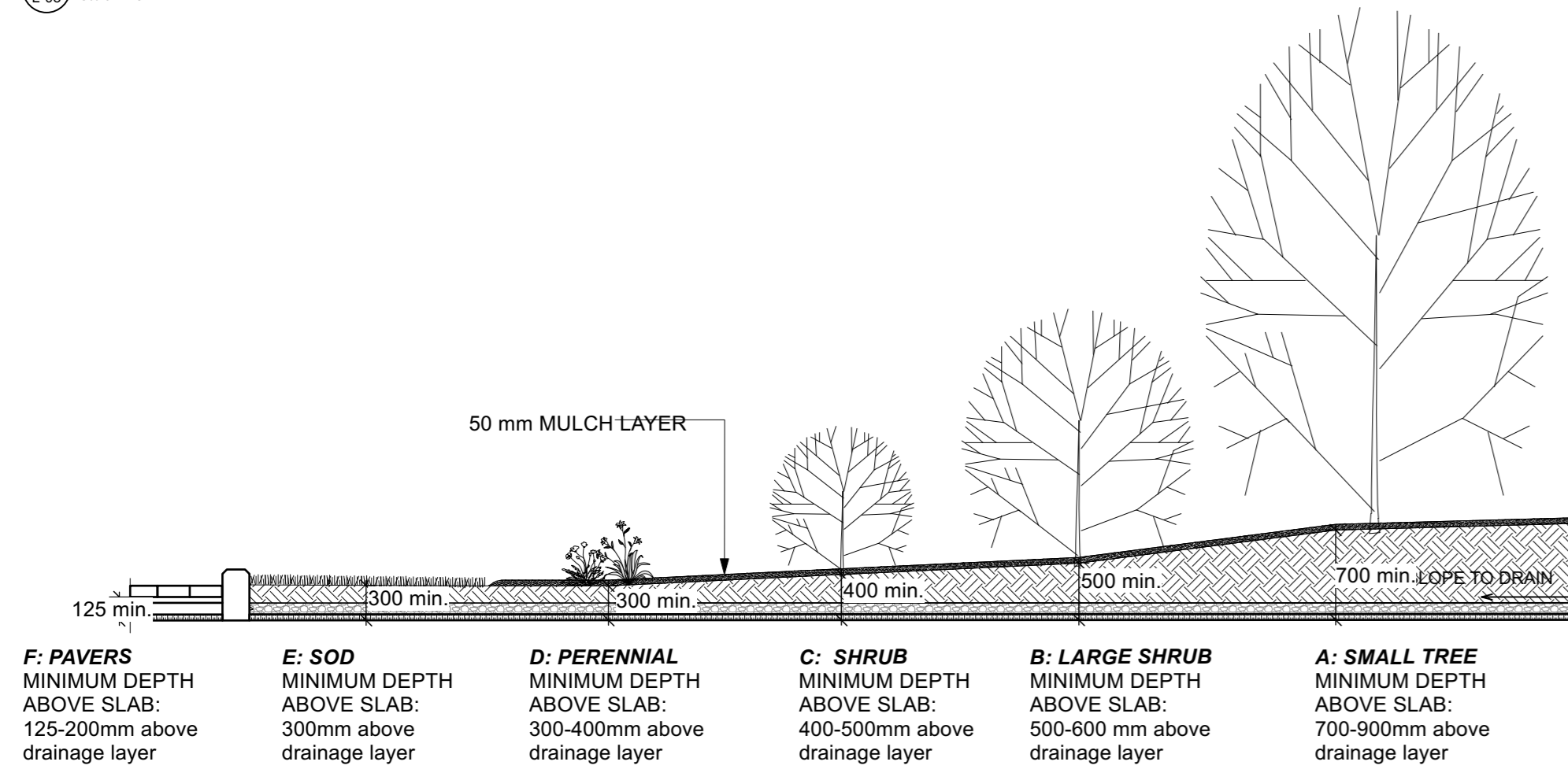
1 SECTION AT PATIO
Scale: NTS



2 SECTION THROUGH PLANTER AT ENTRANCE
Scale: NTS



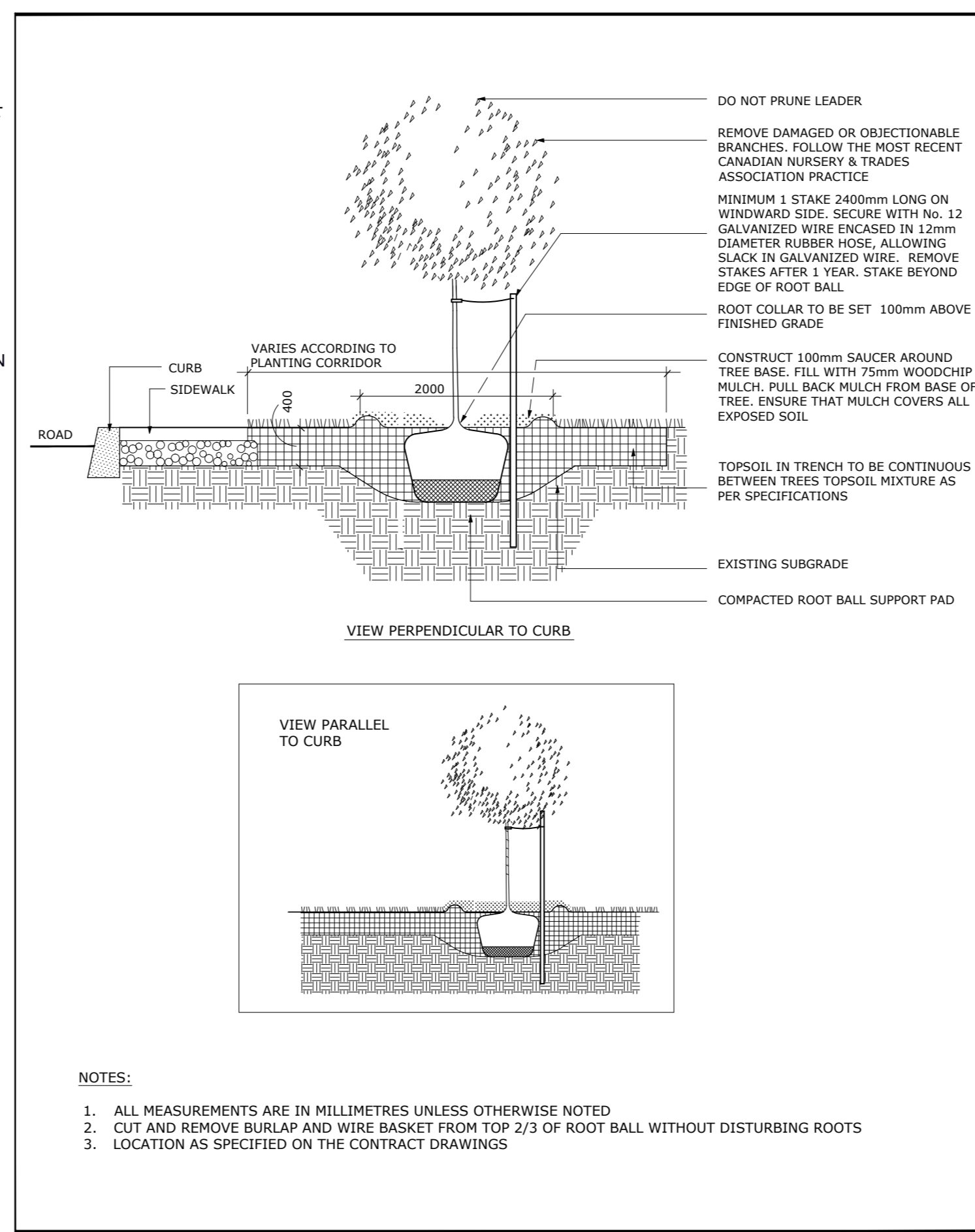
3 SECTION AT MAINTENANCE EDGE AND PLANTING BED ON SLAB
Scale: NTS



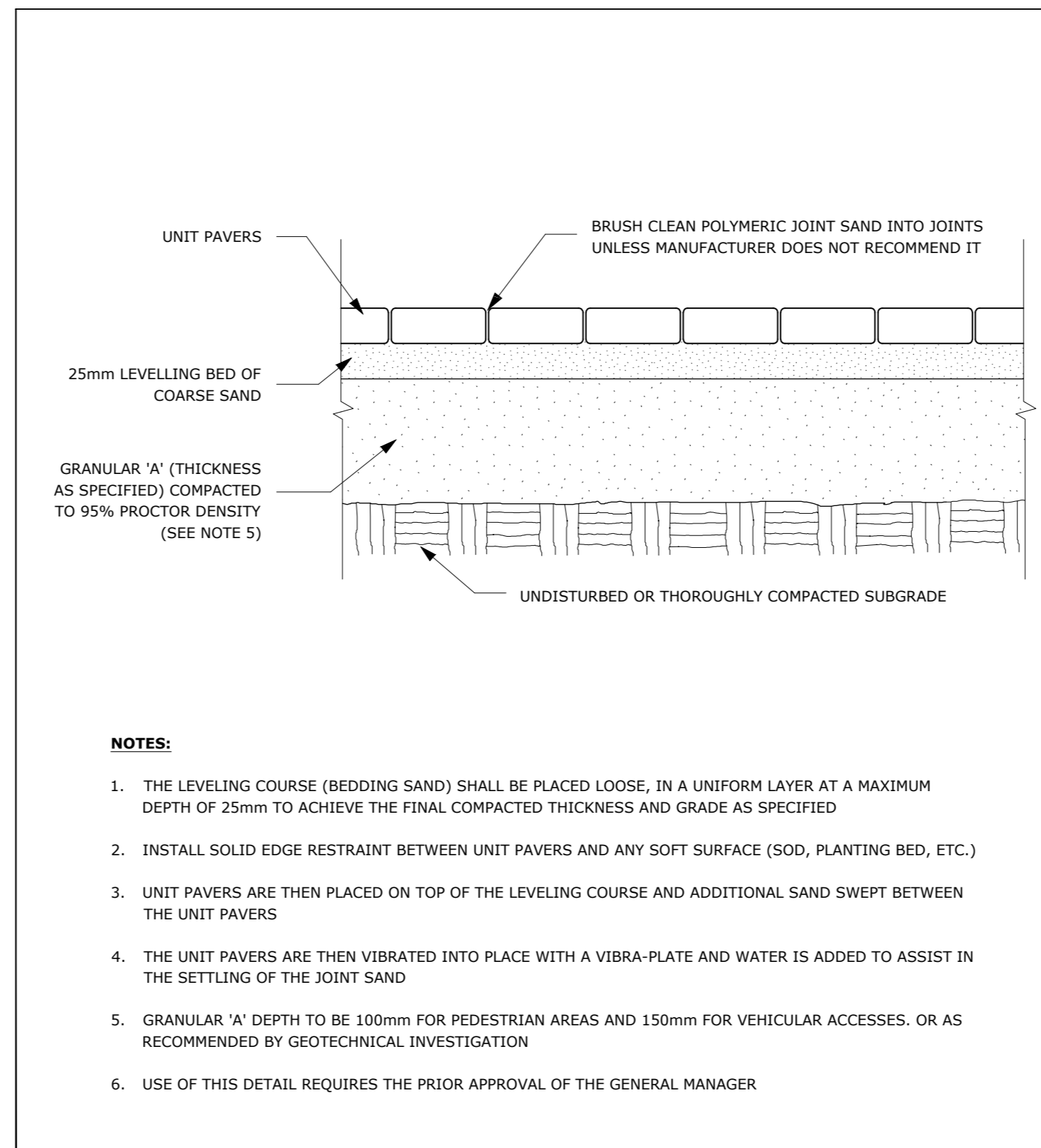
4 TYPICAL SECTION OF LANDSCAPE PROFILES ON SLAB
Scale: NTS

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 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.

SOIL VOLUME REQUIREMENTS:
- TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900mm OF SOIL/EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY CITY OF OTTAWA FOR SUSTAINABLE TREE GROWTH.
- 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 900mm SOIL VOLUME DEPTH REQUIRED.
- REFER TO SOIL VOLUME CHART AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.

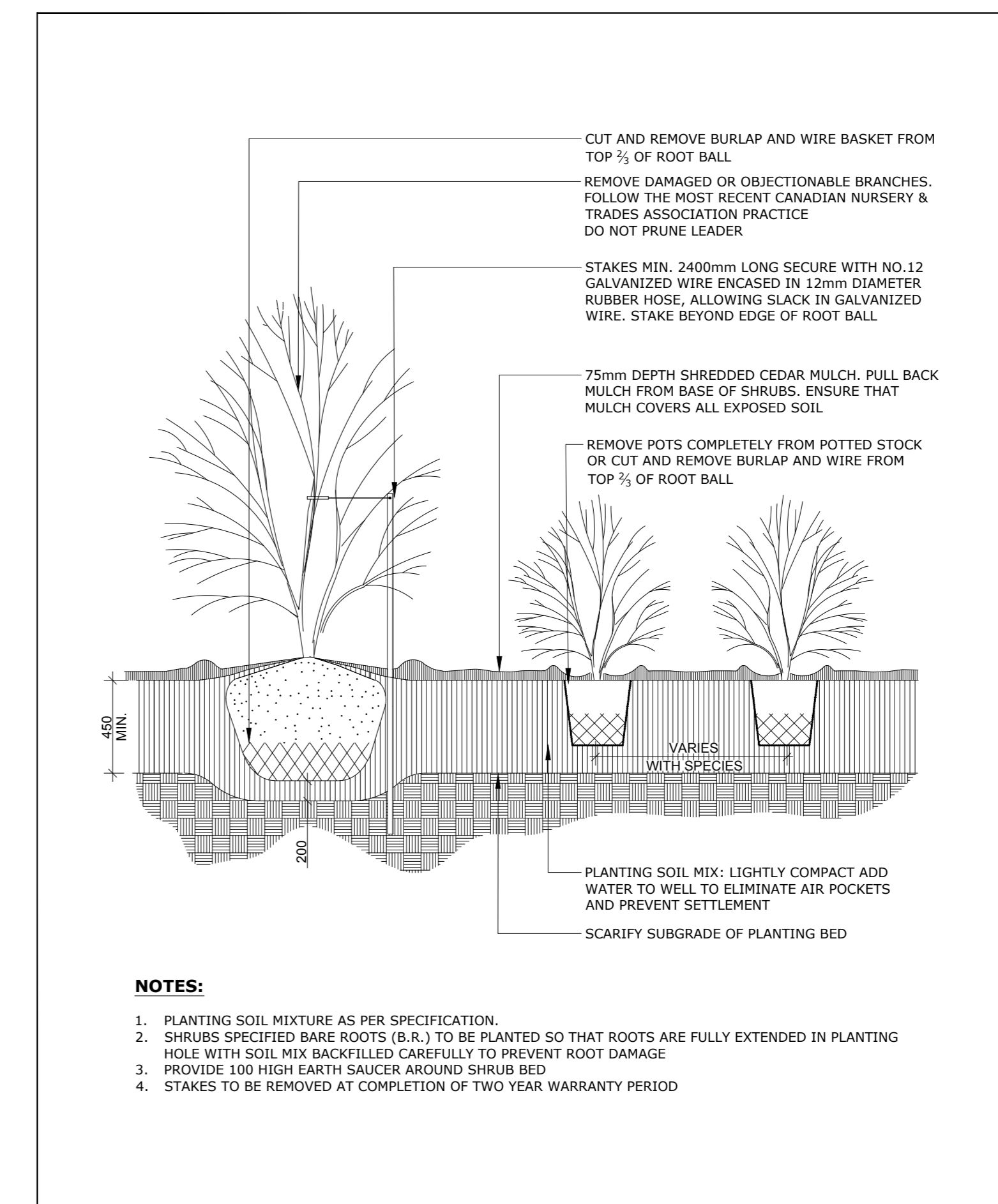


Ottawa TITLE: PLANTING TRENCH WELL DRAINED SOILS DATE: MAY 2001
REV: JAN 2017
DWG No: L1

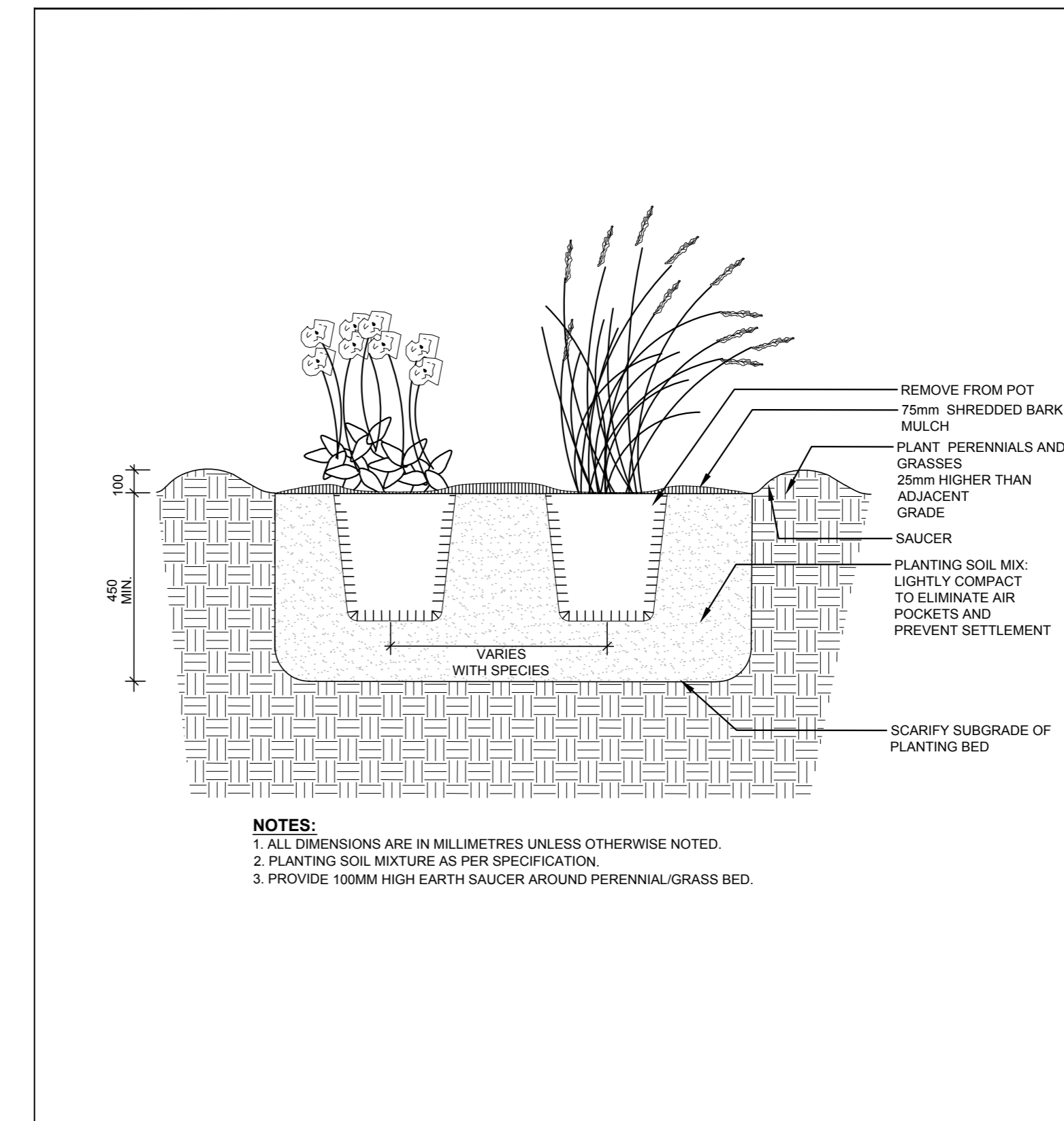


Ottawa TITLE: UNIT PAVING - ON GRANULAR BASE DATE: MAY 2001
REV: FEB 2016
DWG No: SC9

ADDITIONAL NOTES FOR NUMBER 5: 100mm DEPTH GRANULAR 'A' TO BE USED (AFTER APPROVAL) ONLY IN PEDESTRIAN WHERE NO SNOW REMOVAL IS PLANNED. ALL OTHER PEDESTRIAN AREAS ARE TO RECEIVE 150mm COMPACTED GRANULAR 'A' MINIMUM, VEHICULAR 200mm MINIMUM. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.



Ottawa TITLE: CONTINUOUS SHRUB BED PLANTING DATE: FEB 2013
REV: FEB 2014
DWG No: L17



Ottawa TITLE: PERENNIAL AND ORNAMENTAL GRASS PLANTING DATE: JAN 2015
REV:
DWG No: L21

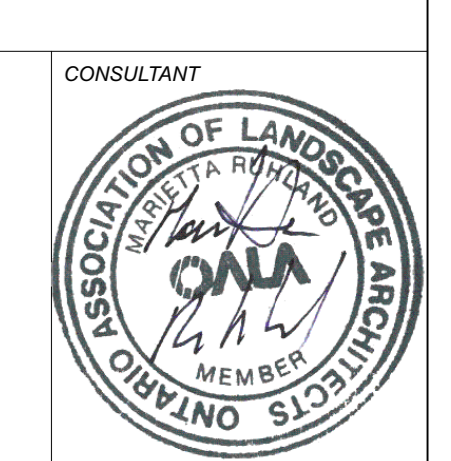
ADDITIONAL NOTES FOR NUMBER 5: 100mm DEPTH GRANULAR 'A' TO BE USED (AFTER APPROVAL) ONLY IN PEDESTRIAN WHERE NO SNOW REMOVAL IS PLANNED. ALL OTHER PEDESTRIAN AREAS ARE TO RECEIVE 150mm COMPACTED GRANULAR 'A' MINIMUM, VEHICULAR 200mm MINIMUM. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.

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3	Site plan Control resubmission	2022 07 19	
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DESIGNED BY / CONCEIVED	CHECKED BY / VERIFIED
M RUHLAND	M RUHLAND
DRAWN BY / DESIGNER	
T FROST	

ARCHITECT	CONSULTANT



CONSULTANT	CONSULTANT

PROJECT / LOCATION
630 MONTREAL ROAD APARTMENT BUILDING COMPLEX
630 MONTREAL ROAD OTTAWA, ON

DRAWING
DETAILS
DATE: OCT 2021
PROJECT NO: 21-1646
SHEET NO: L03