

LEGEND

- PROPOSED TREES
- SOFTSCAPE
- HARDSCAPE
- LANDSCAPE STRUCTURES

BUILDING FOOTPRINTS FOR CONCEPTUAL REPRESENTATION ONLY FOR LEGAL DESCRIPTIONS REFER TO TOPOGRAPHIC DRAWING

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Arcadis Professional Services (Canada) Inc.

ISSUES

No.	DESCRIPTION	DATE
1	DRAFT PLAN OF SUBDIVISION	2025-04-15
2	DRAFT PLAN OF SUBDIVISION	2025-06-18
3	ISSUED FOR APPLICATION	2026-01-07



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ARCADIS

360 James Street North - Suite 200
 Hamilton ON L8L 1H5 Canada
 tel 905 546 1010
 www.arcadis.com

PROJECT

PUBLIC ROAD REDEVELOPMENT

TUNNEY'S PASTURE OTTAWA, ON

PROJECT NO:
139833

DRAWN BY:
T. KEMP

CHECKED BY:
T. O'BRIEN

PROJECT MGR:
S. ALBANESE

APPROVED BY:
T. O'BRIEN

SHEET TITLE

CONCEPT LANDSCAPE PLAN

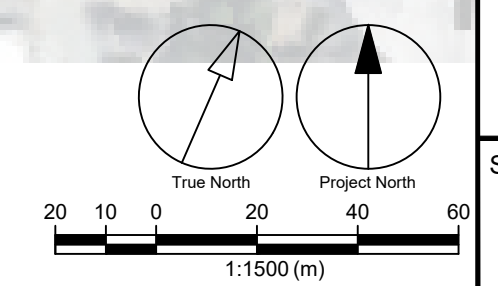
SHEET NUMBER

L1.0

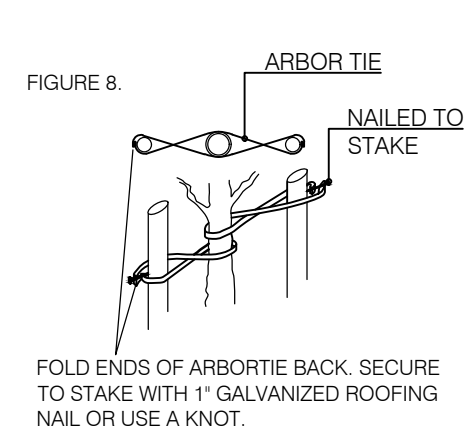
ISSUE

3

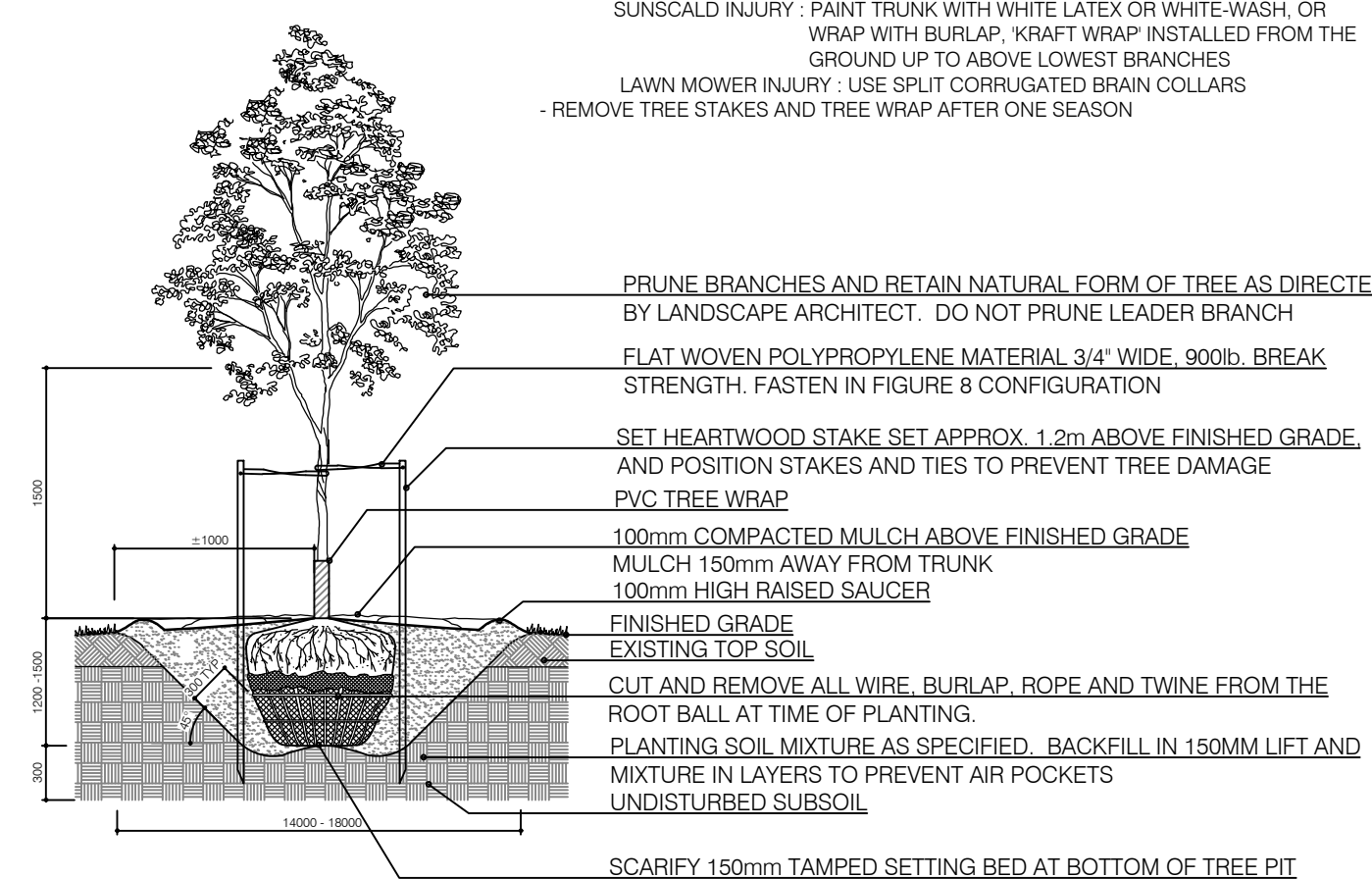
NOTE: THIS CONCEPTUAL LANDSCAPE MASTERPLAN IS PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY. ALL DESIGN ELEMENTS, LAYOUTS, FEATURES, AND MATERIALS DEPICTED ARE CONCEPTUAL IN NATURE AND ARE SUBJECT TO FUTHER DETAILED DESIGN DEVELOPMENT, TECHNICAL REVIEW AND APPROVALS. THE FINAL DESIGN MAY VARY AS A RESULT OF ONGOING CONSULTATION, SITE ANALYSIS, REGULATORY REQUIREMENTS, ENGINEERING INPUT, AND STAKEHOLDER FEEDBACK. NO ASPECT OF THIS PLAN SHOULD BE CONSIDERED FINAL OR FOR CONSTRUCTION PURPOSES AT THIS STAGE.



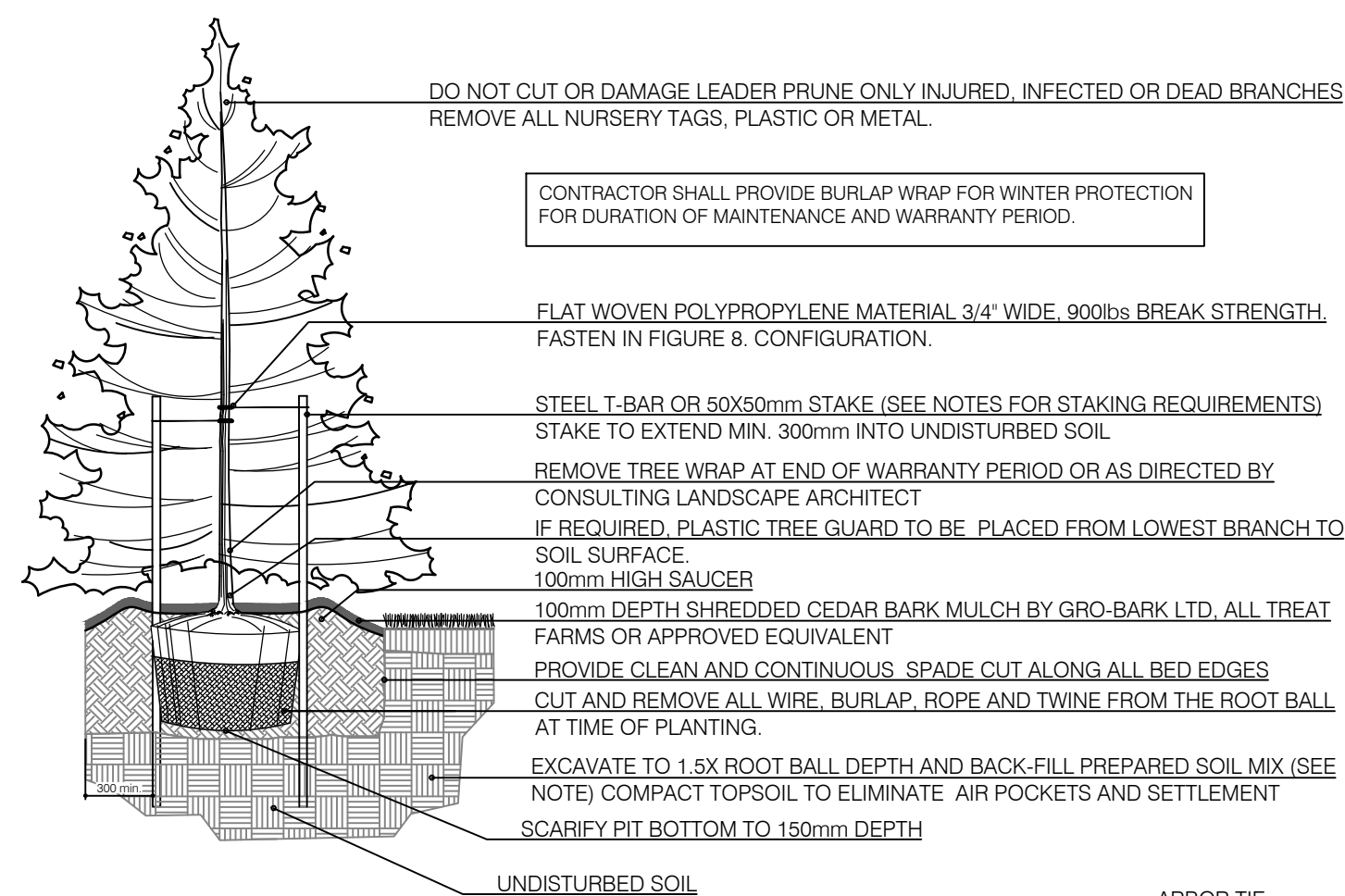
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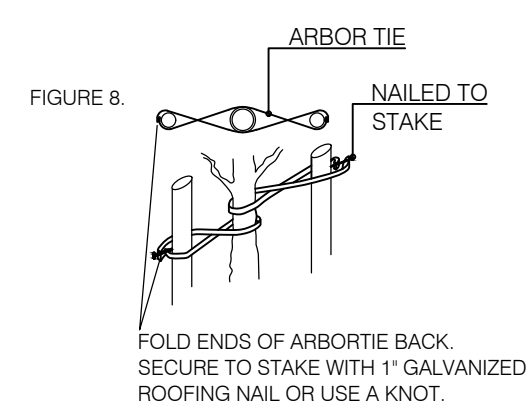
- OBTAIN WRITTEN CONFIRMATION OF UTILITY LOCATES PRIOR TO COMMENCEMENT OF DIGGING
- DIG ALL HOLES BY HAND WHEN CLOSER THAN 1.0M TO UNDERGROUND POWER, TELEPHONE AND GAS ALIGNMENTS
- USE ROOT DEFLECTOR ON THE UTILITY SIDE OF REQUIRED
- ENSURE BASE OF TREE PIT IS STABLE IN ORDER TO MAINTAIN THE DESIRED TREE LEVEL AND GRADE
- TREES TO BE SPRAYED WITH APPROVED ANTI-DESSICANT PRIOR TO TRANSPLANTING UNLESS PLANTED WITHIN 48 HOURS OF DIGGING (IF PLANTED IN FULL LEAF)
- SET TREE 50mm HIGHER THAN SURROUNDING GRADE TO ALLOW FOR SETTLEMENT
- SCARIFY COMPACTED SUBGRADE TO 150MM DEEP IN AREA 5 X ROOTBALL DIAMETER
- DIG PIT 300MM WIDER THAN ROOTBALL PERIMETER
- MULCH WITH SHREDDED BARK OR COMPOSTED HARDWOOD CHIPS
- TRUNK PROTECTION
 - MECHANICAL INJURY: USE PLASTIC TREE COLLAR
 - ANIMAL INJURY: USE SPIRAL TREE GUARDS OR SCREEN COLLARS
 - SUNSCALD INJURY: PAINT TRUNK WITH WHITE LATEX OR WHITE WASH OR WRAP WITH BURLAP. KRAFT WRAP INSTALLED FROM THE GROUND UP TO ABOVE LOWEST BRANCHES
 - LAWN MOWER INJURY: USE SPLIT CORRUGATED BRAIN COLLARS
- REMOVE TREE STAKES AND TREE WRAP AFTER ONE SEASON



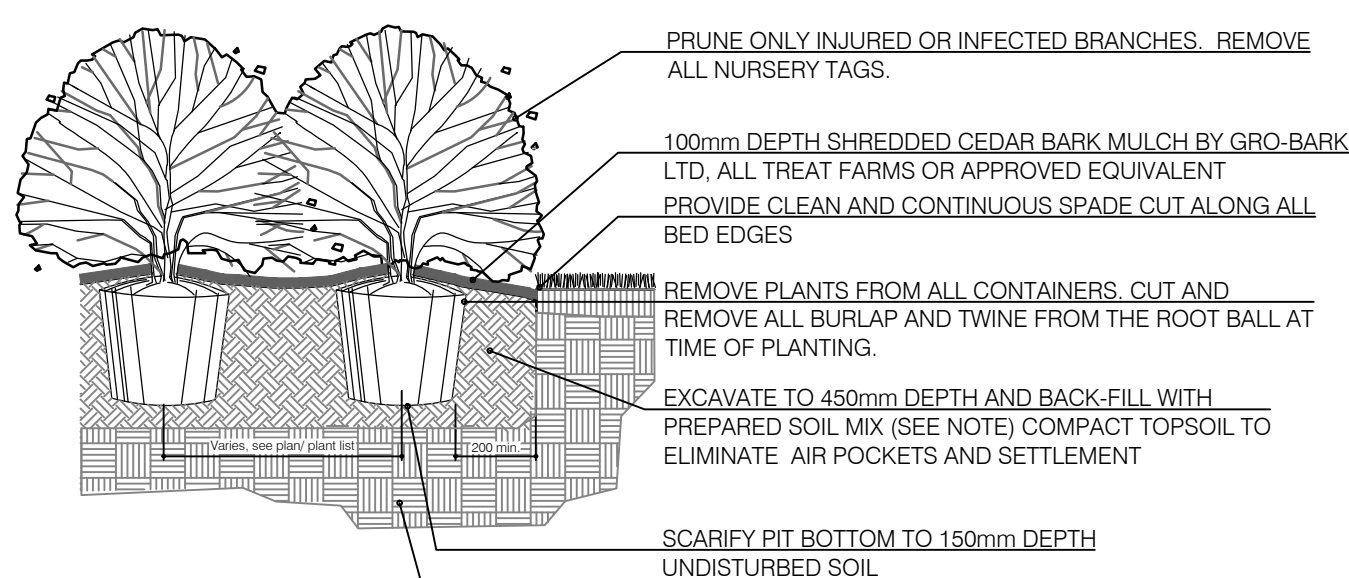
1
L2.0
BALLED & BURLAPPED/WIRE BASKET DECIDUOUS TREE
N.T.S.



- NOTES:
- SOIL MIXTURE: FOUR (4) PARTS NATIVE SOIL, ONE (1) PART WELL ROTTED COMPOST.
 - SALICER SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.
 - ALL DIMENSIONS ARE IN mm.
 - STAKING SCHEDULE:
 - < 2500mm HT. - ONE STAKE
 - > 2500mm HT. - TWO STAKES
 - SPRACED TREES - THREE STAKES OR GUY WIRES
 - ALL SUPPORT SYSTEMS MUST BE REMOVED ONCE TREE IS ESTABLISHED.
 - ALL TREES TO BE STRAIGHT AND PLANTED VERTICALLY REGARDLESS OF SLOPE.
 - TOP OF ROOT FLARE SHALL BE POSITIONED 50mm ABOVE GRADE.



2
L2.0
BALLED & BURLAPPED/WIRE BASKET CONIFEROUS TREE
N.T.S.

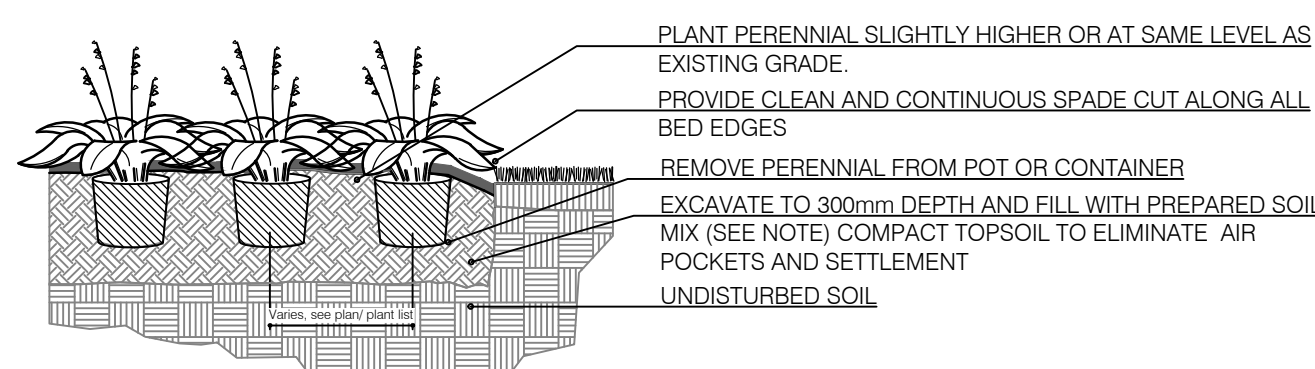


- NOTES:
- SOIL MIXTURE: FOUR (4) PARTS NATIVE SOIL, ONE (1) PART WELL ROTTED COMPOST.
 - SALICER SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.
 - ALL DIMENSIONS ARE IN mm.
 - IN POORLY DRAINAGE SOILS PLANT SHRUB SLIGHTLY HIGHER THAN ADJACENT GRADE.
 - ALL PLANTS TO BE STRAIGHT AND PLANTED VERTICALLY REGARDLESS OF SLOPE.

3
L2.0
BALLED & BURLAPPED/POTTED SHRUB
N.T.S.

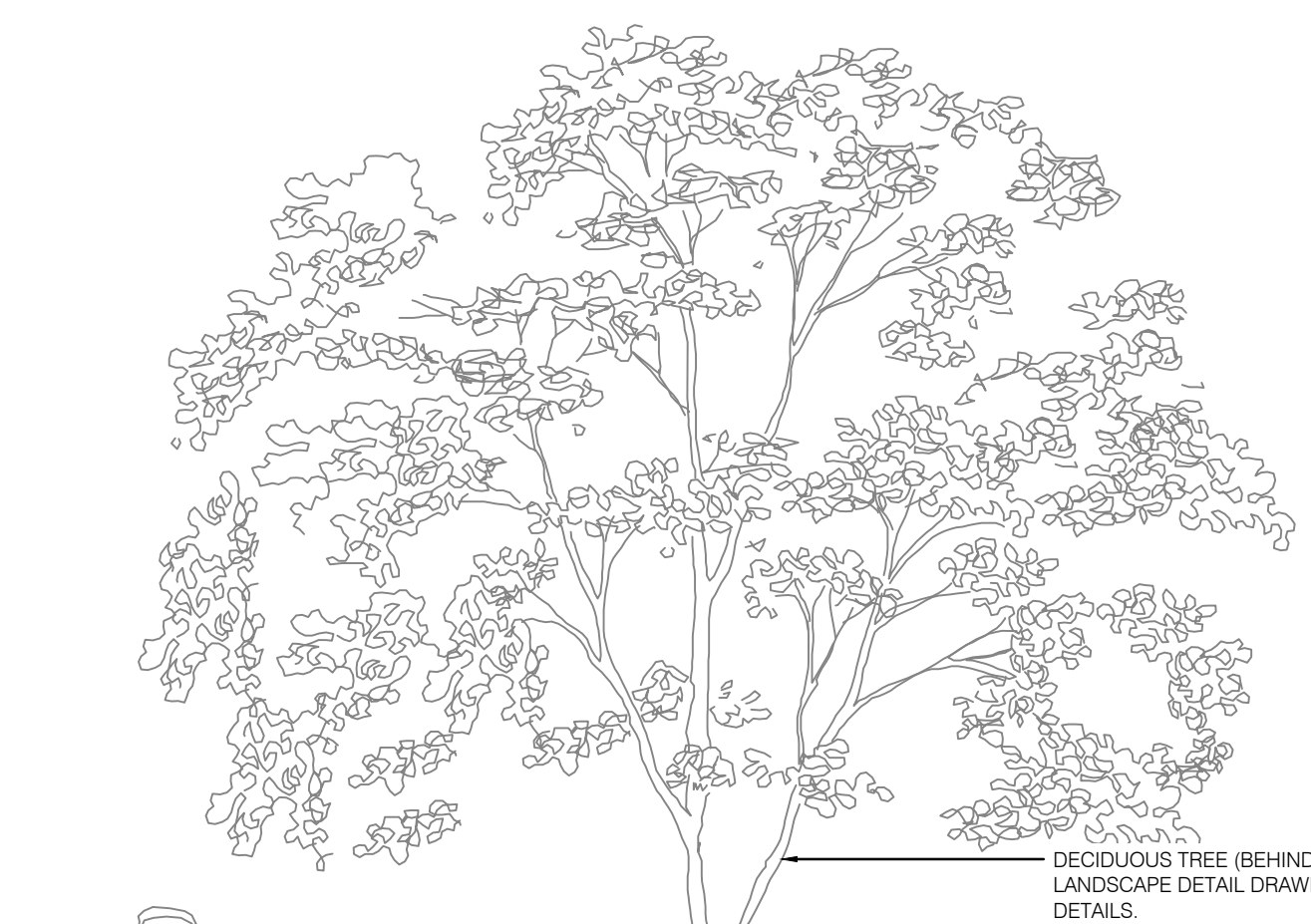


- NOTES:
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 - SALICER SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.
 - ALL DIMENSIONS ARE IN mm.
 - IN POORLY DRAINAGE SOILS PLANT SHRUB SLIGHTLY HIGHER THAN ADJACENT GRADE.
 - ALL PLANTS TO BE STRAIGHT AND PLANTED VERTICALLY REGARDLESS OF SLOPE.

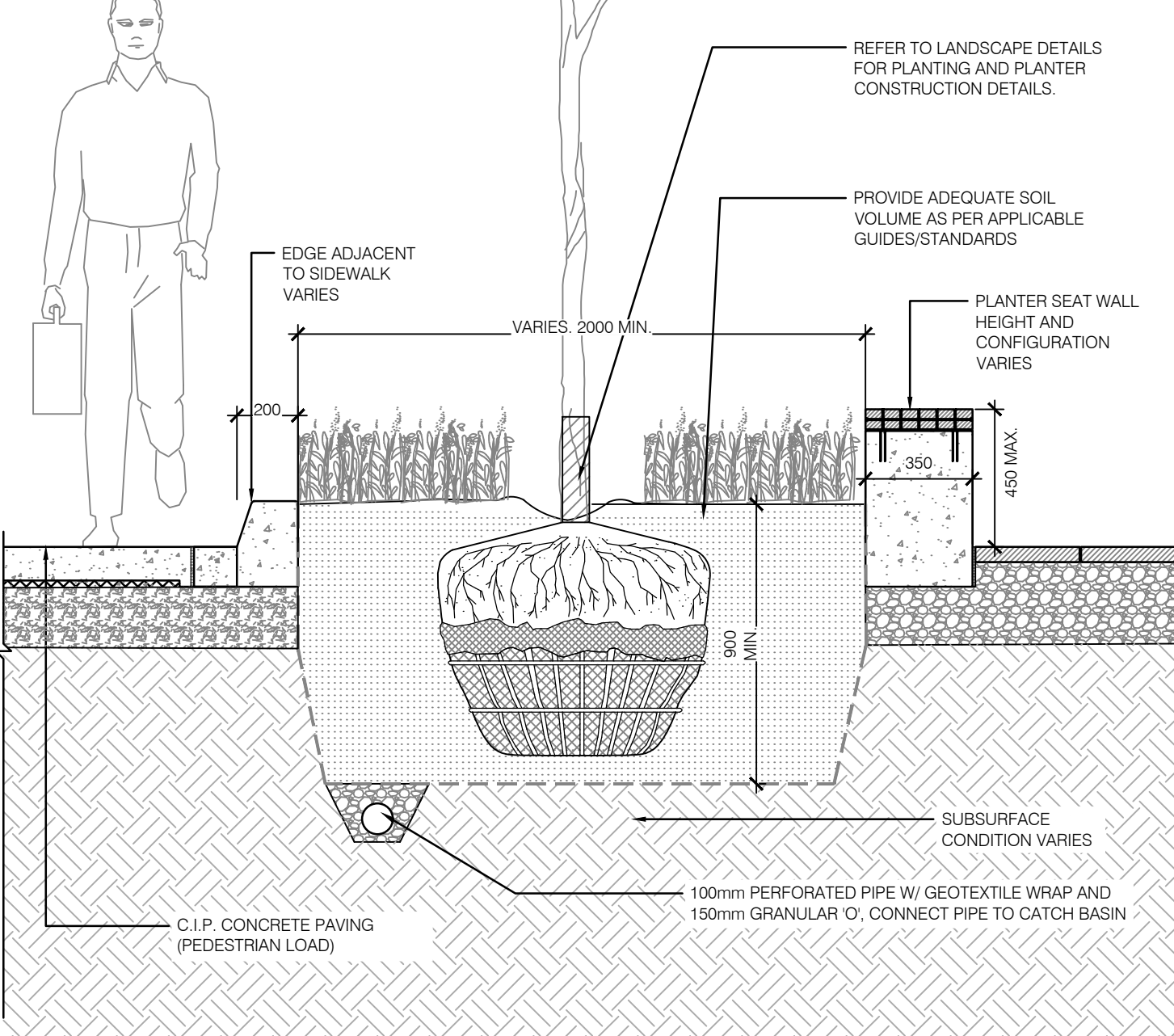


- NOTES:
- SOIL MIXTURE: FOUR (4) PARTS NATIVE SOIL, ONE (1) PART WELL ROTTED COMPOST.
 - SALICER SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.
 - ALL DIMENSIONS ARE IN mm.
 - CUT AND REMOVE CONTAINER. SCARIFY ROOTBALL SIDES.
 - ALL PLANTS TO BE STRAIGHT AND PLANTED VERTICALLY REGARDLESS OF SLOPE.
- CONTRACTOR SHALL PROVIDE 75mm MULCH FOR ALL PERENNIALS EXCEPT GROUNDCOVERS UNLESS SPECIFIED OTHERWISE.

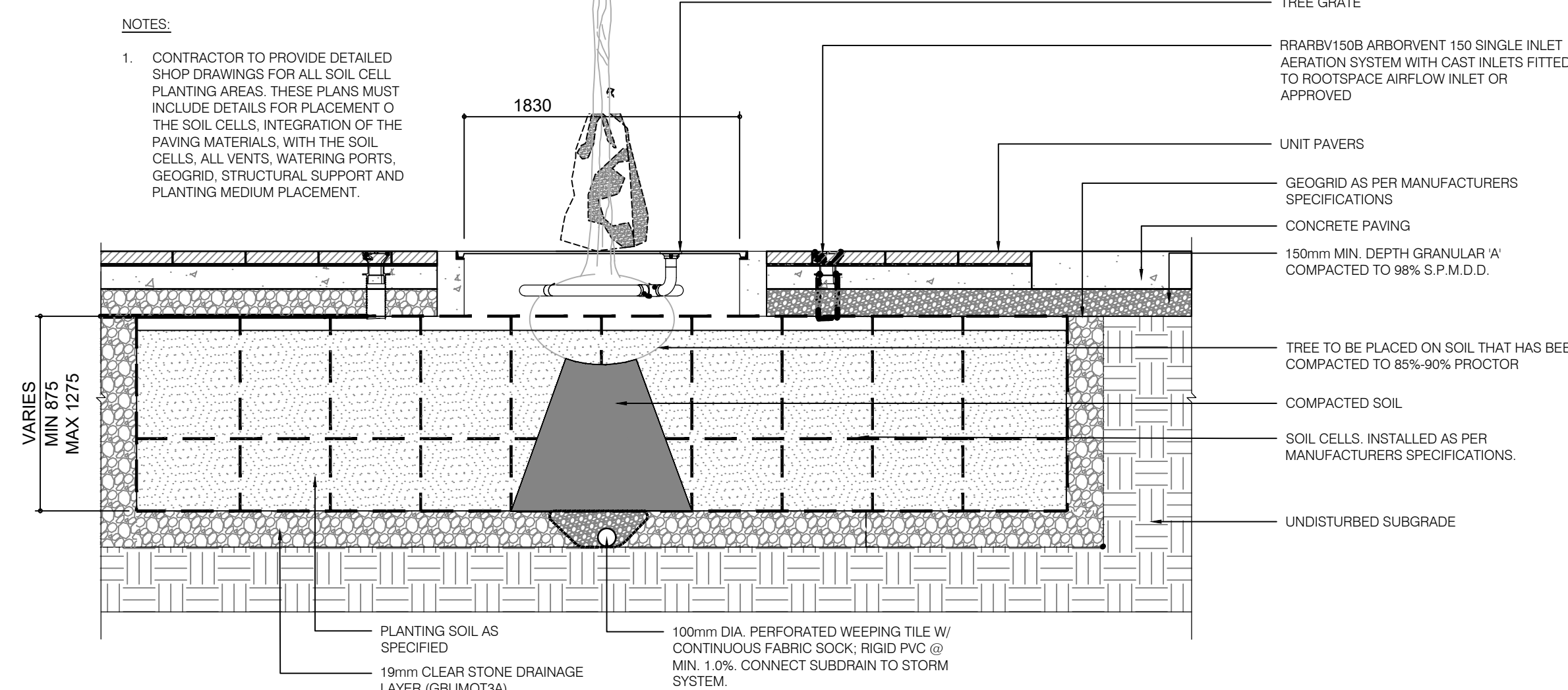
4
L2.0
CONTAINER GROWN PERENNIAL/GRASS
N.T.S.



5
L2.0
EXAMPLE: TREE PLANTING IN RAISED BED
1:20



6
L2.0
EXAMPLE: STREET TREE PLANTING IN SOIL CELLS FOR TARGET SOIL VOLUME OF X
N.T.S.



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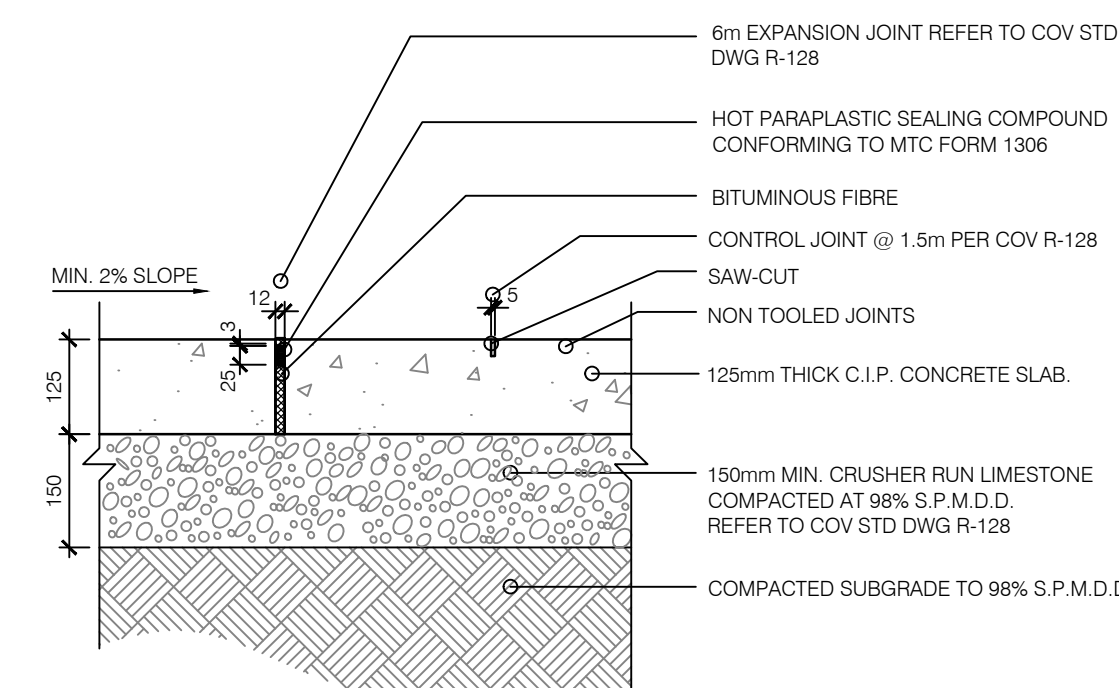
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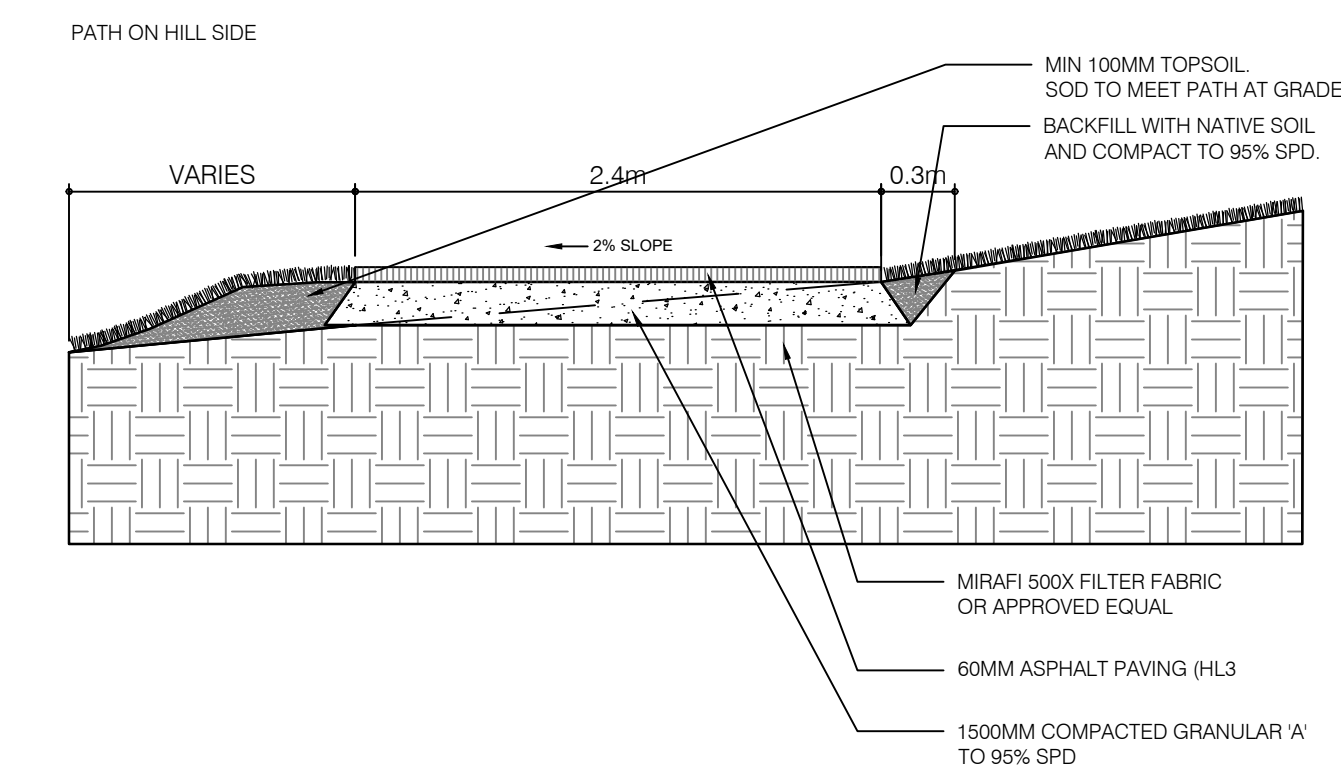
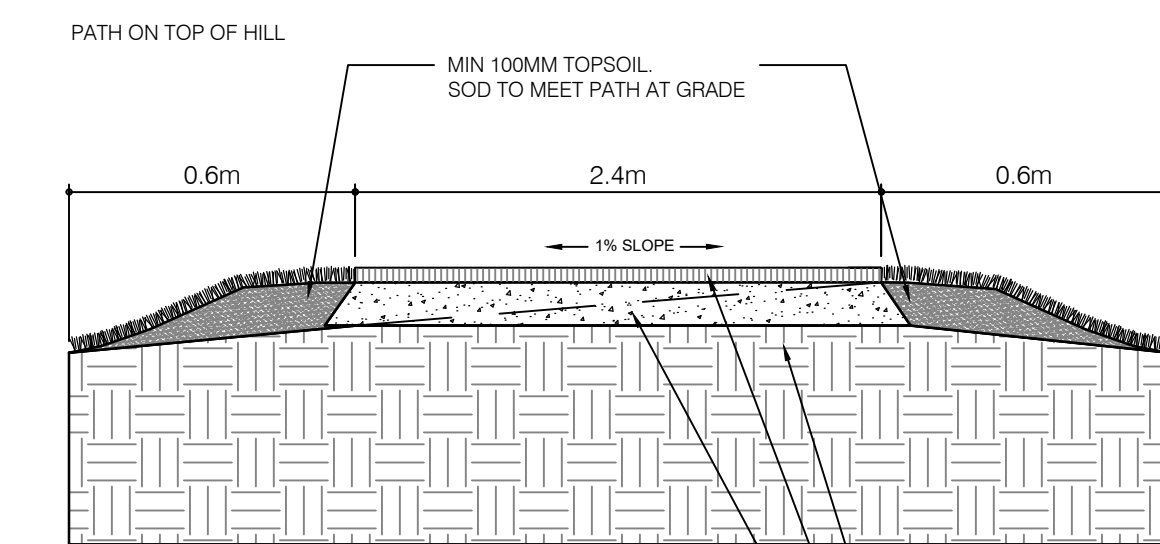
SHEET TITLE
CONCEPT LANDSCAPE DETAILS

SHEET NUMBER
L2.0
ISSUE
3

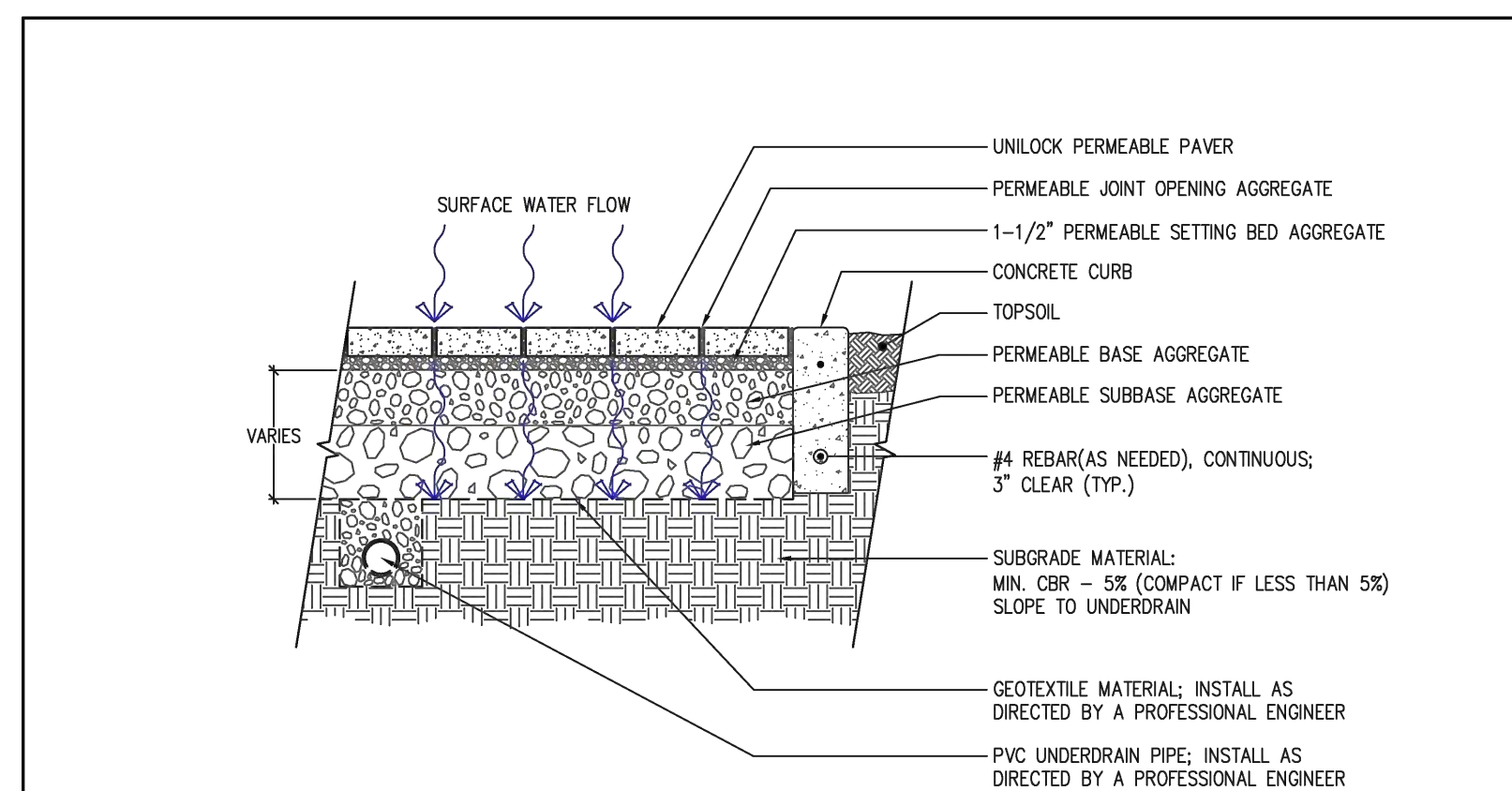


- NOTE:
1. ALL EXPOSED CONCRETE TO BE BROOM FINISH O/C (UNLESS NOTED OTHERWISE)
 2. FINISH EDGES NOT TO EXCEED 5mm RADIUS.

1 CONCRETE SIDEWALK
L2.1 N.T.S.



2 ASPHALT PATH
L2.1 N.T.S.

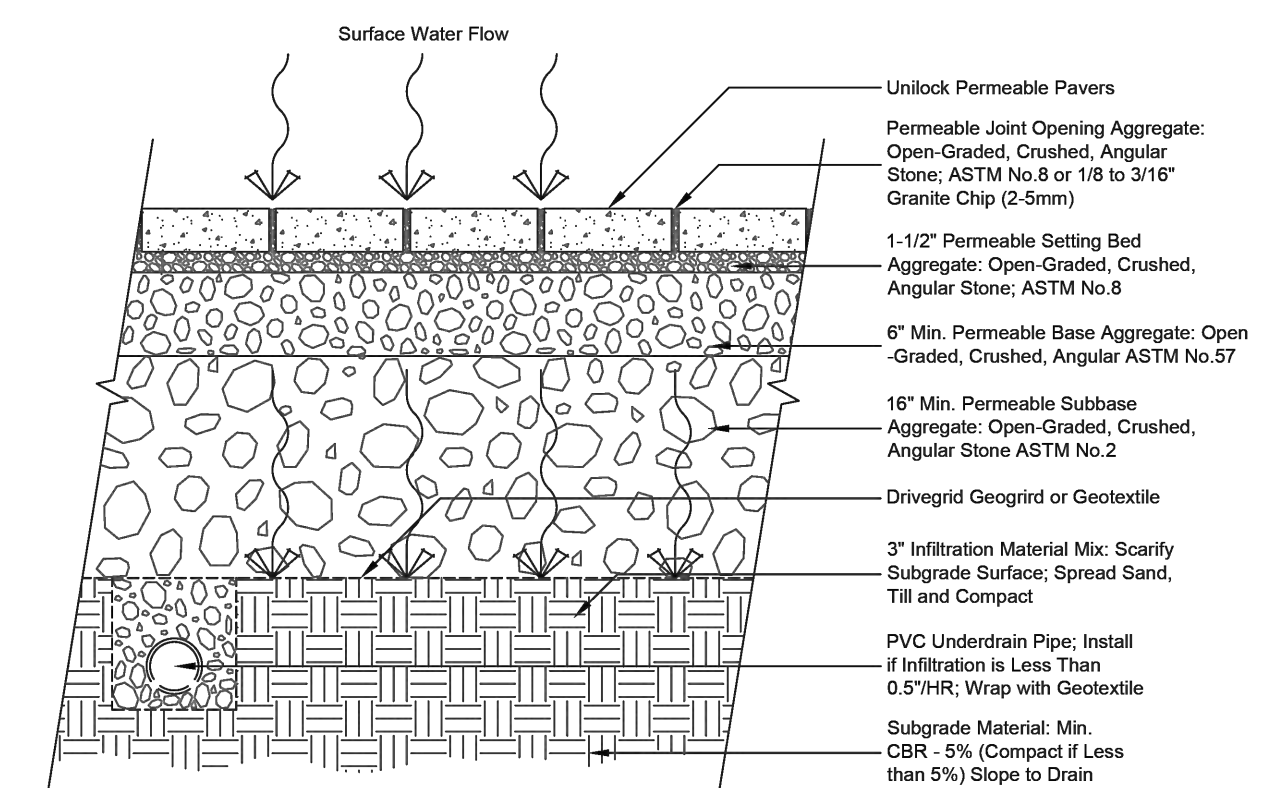


3 PEDESTRIAN GRADE PERMEABLE PAVERS OR APPROVED EQUIVALENT
L2.1 N.T.S.

PERMEABLE PAVER REF: CS_COM_Permeable_Partial_Infiltration_Underdrain_Heavy_Duty

CROSS SECTION

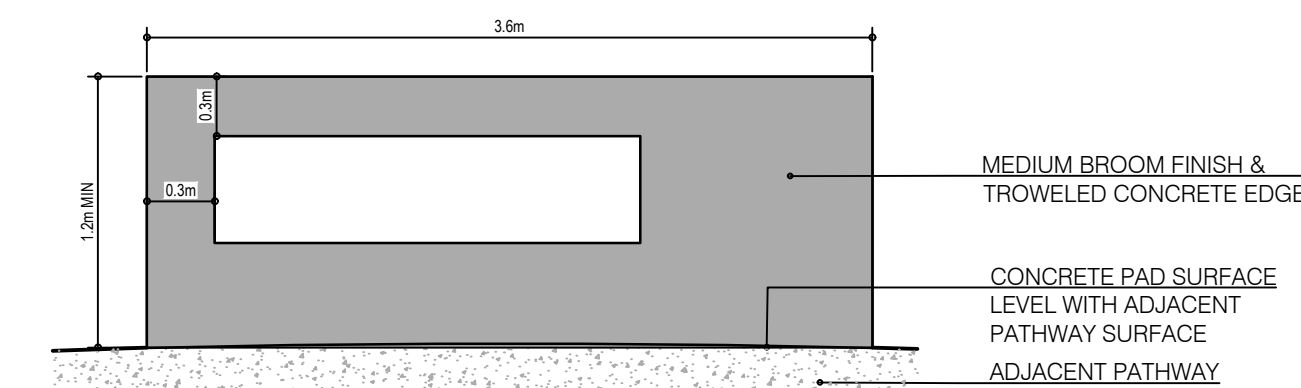
Permeable Paver Detail - Partial Infiltration - With Underdrain - Heavy Duty



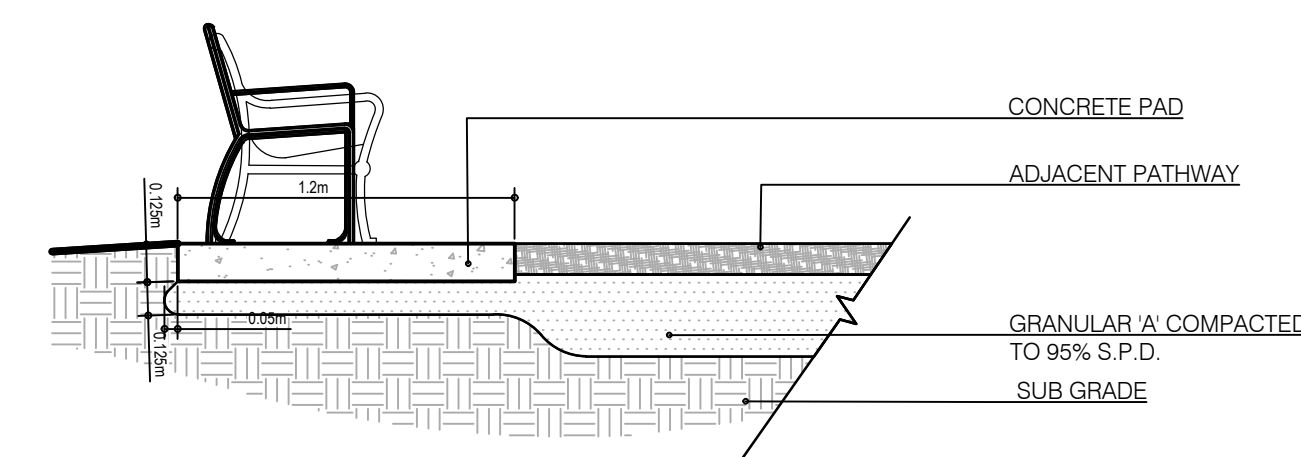
Note:
This cross section is intended for preliminary design purposes only. Confirm site conditions and consult with a qualified design professional or installer prior to installation.

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PAVERS & WALLS

4 VEHICULAR GRADE PERMEABLE PAVERS OR APPROVED EQUIVALENT
L2.1 N.T.S.



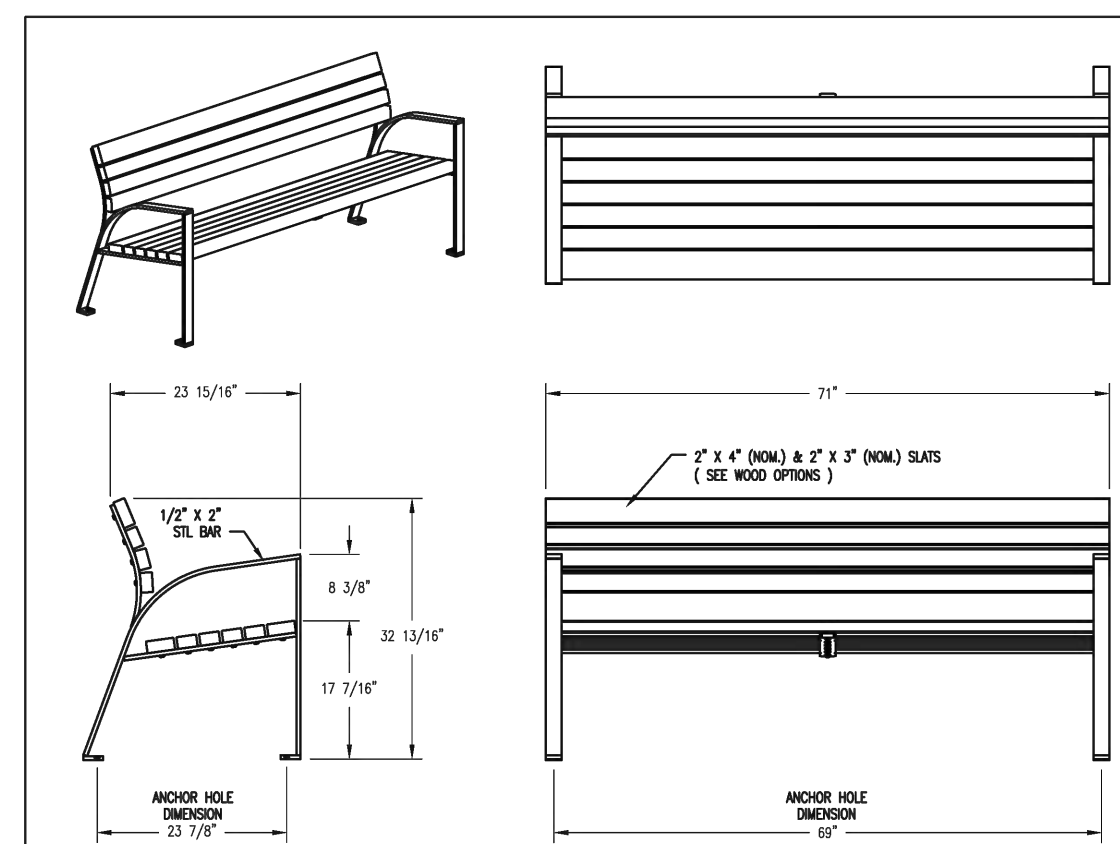
BENCH PAD/PATH PLAN VIEW
N.T.S.



BENCH PAD/PATH SECTION
N.T.S.

- NOTES:
1. EXCAVATE TO MINIMUM DEPTH OF 400mm. ADDITIONAL EXCAVATION MAY BE REQ'D PENDING SOIL CONDITIONS AND ONLY AS DIRECTED BY THE PROJECT MANAGER.
 2. CONCRETE STRENGTH TO BE 32MPa; AIR ENTRAINMENT 5-8%
 3. MIN. CEMENT CONTENT OF 265kg/m³; MAX. WATER/CEMENTING MATERIALS RATIO 0.45.
 4. ALL JOINTS AND EDGES TO BE HAND TOOLED USING EDGING TOOL WITH 6mm RADIUS

5 CONCRETE PAD w/ BENCH
L2.1 N.T.S.



- WOOD SLAT OPTIONS (SHOWN)
- DOUGLAS FIR S4S EE
 - IPE S4S EE
- PLASTIC SLAT OPTIONS (SEE NOTE 3)
- "CEDAR" RECYCLED PLASTIC
 - "REDWOOD" RECYCLED PLASTIC
 - "WALNUT" RECYCLED PLASTIC
 - "ANTIQUE MAHOGANY" (TEXTURED)
 - "BRAZILIAN WALNUT" (TEXTURED)

- NOTES:
- 1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
 - 2.) 1/2" x 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.
 - 3.) RECYCLED PLASTIC SLATS REQUIRE ADDITIONAL STEEL SUPPORT FRAMING. SEE DUMOR.COM FOR DETAILS.

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6 PROPOSED WOOD BENCH OR APPROVED EQUIVALENT
L2.1 N.T.S.

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PROJECT
PUBLIC ROAD REDEVELOPMENT
TUNNEY'S PASTURE OTTAWA, ON

PROJECT NO: 139833
DRAWN BY: T. KEMP
PROJECT MGR: S. ALBANESE
CHECKED BY: T. O'BRIEN
APPROVED BY: T. O'BRIEN

SHEET TITLE
CONCEPT LANDSCAPE DETAILS

SHEET NUMBER **L2.1** ISSUE **3**

	COMMERCIAL APPLICATION PERMEABLE PAVER DETAIL	NOTES: This cross section is intended for preliminary design purposes only. Confirm site conditions and consult with a qualified design professional or installer prior to installation.	CROSS SECTION PERMEABLE PAVERS WITH STRAIGHT CURB
	CREATED: OCTOBER 11, 2011		UNILOCK DESIGNED TO CONNECT.
	REVISED: JANUARY 30, 2014		
	FILE NAME: CS-COM-PERM-STRAIGHT-2014.DWG		

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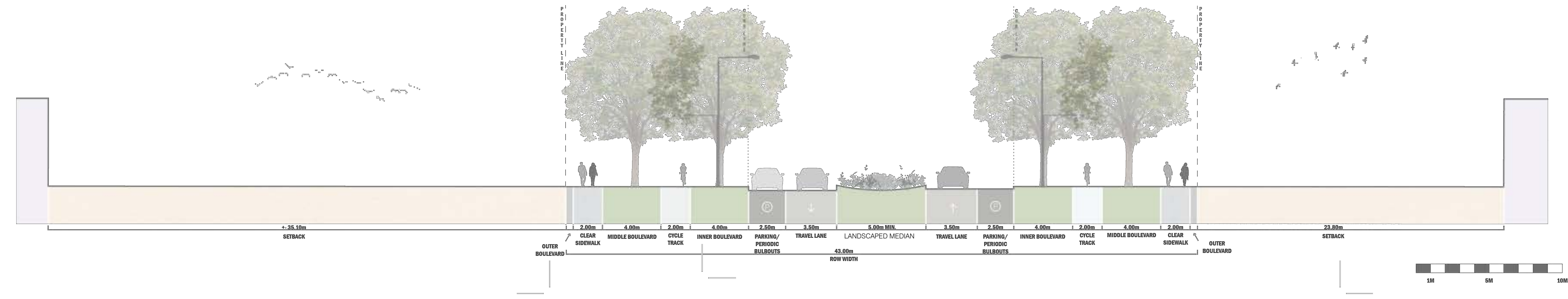
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ISSUES

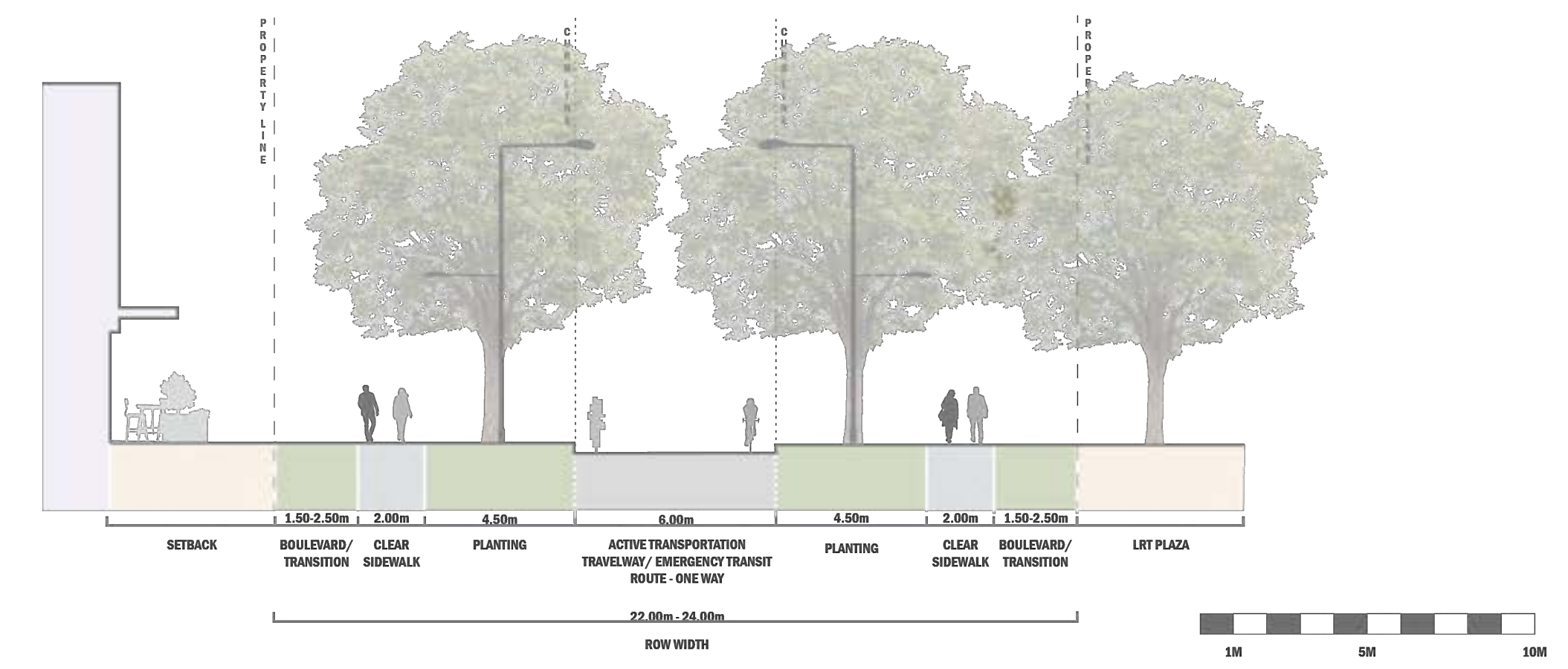
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43.0m ROW with Median
 Tunney's Pasture Driveway (from Colombine to Yarrow)



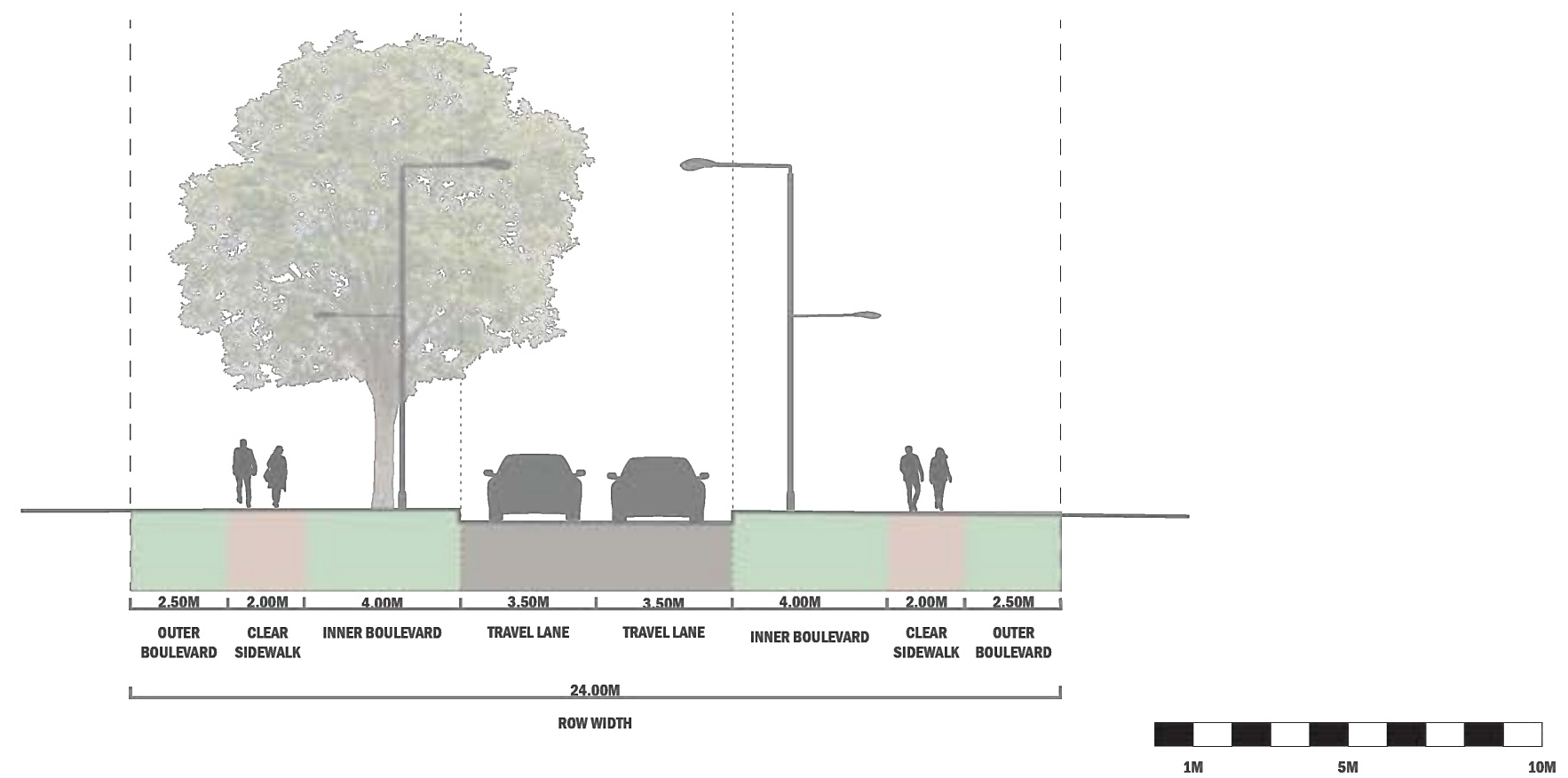
1 TUNNEY'S PASTURE DRIVEWAY CROSS SECTION A - 43.0m RIGHT OF WAY
 L2.2 N.T.S.

22.0 - 24.0m ROW - Yarrow Driveway
 (Proposed Chardon Extension to Tunney's Pasture Woonerf)

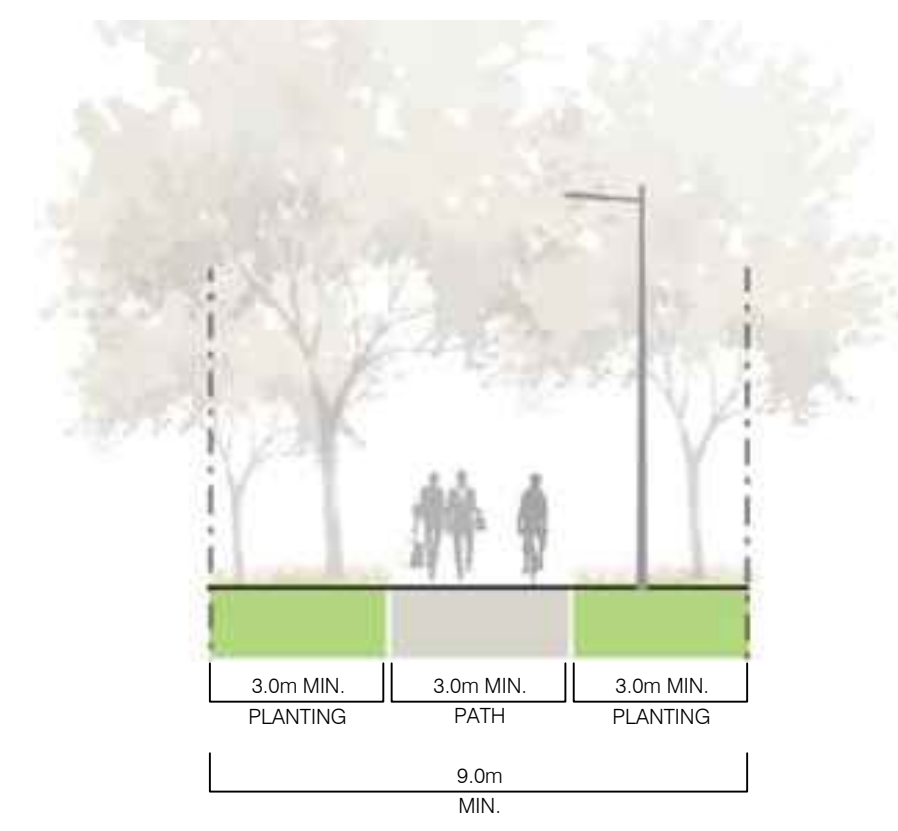


2 YARROW DRIVEWAY CROSS SECTION B - 22.0 - 24.0m RIGHT OF WAY
 L2.2 N.T.S.

24.0m ROW
 Sir Frederick Banting Extension (North of Colombine Driveway)



3 SIR FREDERICK BANTING EXTENSION CROSS SECTION C - 24.0m RIGHT OF WAY
 L2.2 N.T.S.



4 MULTI-USE PATH CROSS SECTION D
 L2.2 N.T.S.



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PROJECT MGR: S. ALBANESE
CHECKED BY: T. O'BRIEN
APPROVED BY: T. O'BRIEN

SHEET TITLE
CONCEPT LANDSCAPE CROSS SECTIONS

SHEET NUMBER L2.2 **ISSUE** 3

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 Plotted: January 7, 2026 11:53:35 AM by Kemp, Taylor
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