

The background image is a photograph of a modern outdoor courtyard. In the foreground, a tree with long, thin green leaves hangs down from the top left. A small grey bird with a yellow beak is perched on a wooden bench in the lower right. The courtyard features several large, rectangular wooden planters and a paved area. In the background, there are more trees and a building with large windows. The overall atmosphere is bright and airy.

# ARCADIA

## St Francis Catholic College SSDA Issue

Prepared for JDH Architects  
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# ARCADIA

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*We respectfully acknowledge the Traditional Custodians of the lands where we live and work. We acknowledge their unique ability to care for Country and deep spiritual connection to it. We honour Elders past, present and emerging whose knowledge and wisdom has and will ensure the continuation of cultures and traditional practices.*

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# 01

|

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- Context
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# Context

## Edmondson Park

Edmondson Park was rezoned for urban development in 2008 and was one of the first areas to be planned in the NSW Government's South West Priority Growth Area. The area is located 24km from Parramatta, in both the Liverpool and Campbelltown local government areas. The longterm plan of Edmondson Park is to become home to approximately 25,000 new residents, and incorporate an urban lifestyle with plenty of open green spaces that encourage cycling and walking, with access to public transport.

## St Francis Catholic College

St Francis Catholic College is a partnership between the Diocese of Wollongong and Edmund Rice Education Australia. The college aims to serve the rapidly developing community of Edmondson Park, neighbouring regions and the parish of Mary, Mother of Church, Macquarie Fields. St Francis Catholic College aims to meet the needs of this rapidly developing growth centre by establishing co-educational classes K-7.





# Local Planting Character

## Edmondson Park

Edmondson Park sits in the South West of the County of Cumberland. The majority of native vegetation surrounding the site is Shale Plains Woodland, a sub-community of Cumberland Plain Woodland. CPW is listed as a critically endangered ecological community under the TSC and EPBC Acts. This community is dominated by Grey Box (*Eucalyptus moluccana*) with Native Blackthorn (*Bursaria spinosa*) being the dominant shrub species. The greatest diversity of this community occurs in the ground layer where a vast array of grasses, forbs and herbaceous species are present, most notably Kangaroo Grass (*Themeda australis*), Windmill Grass (*Chloris ventricosa*) and Saltbush (*Enardia* spp.).

A large area of Alluvial Woodland, part of the TSC Act listed community River-Flat Eucalypt Forest on Coastal Floodplains occurs in areas around the site. This community is dominated by a thick canopy of *Casuarina glauca* with a low diversity of understorey species present, the cover primarily comprising of *Microlaena stipoides*.

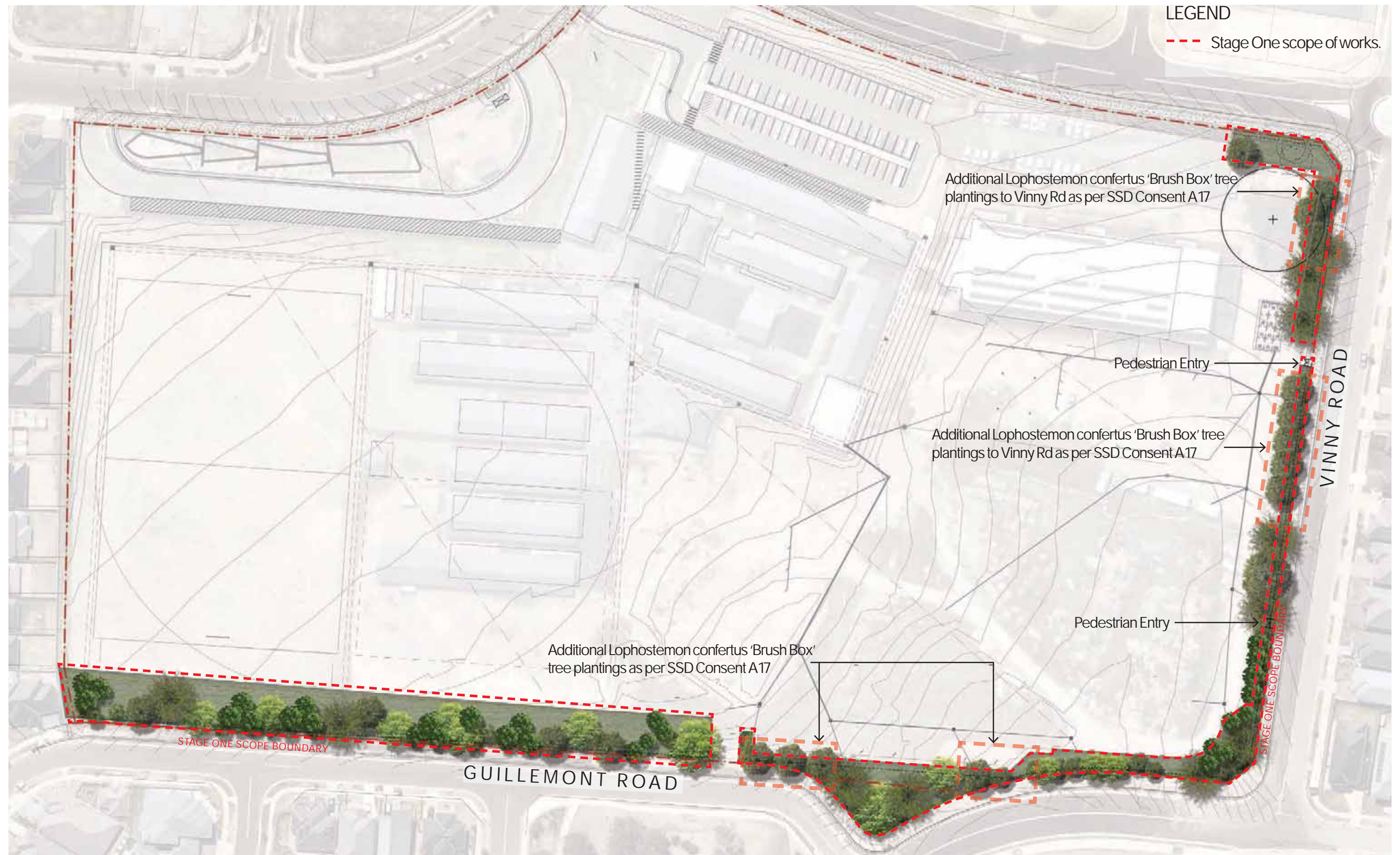
## St Francis Catholic College

Within the subject site of St Francis Catholic College, minimal native vegetation is present. Field surveys confirmed that the vegetation within the subject site has been cleared of remnant vegetation and the original soil profile altered. The vegetation comprises of weed species and a mown oval. One *Corymbia maculata* in the north east of the site is present and occasional individual plants of *Einadia trigonos* and *Themeda triandra*.





# Stage One Landscaping Plan

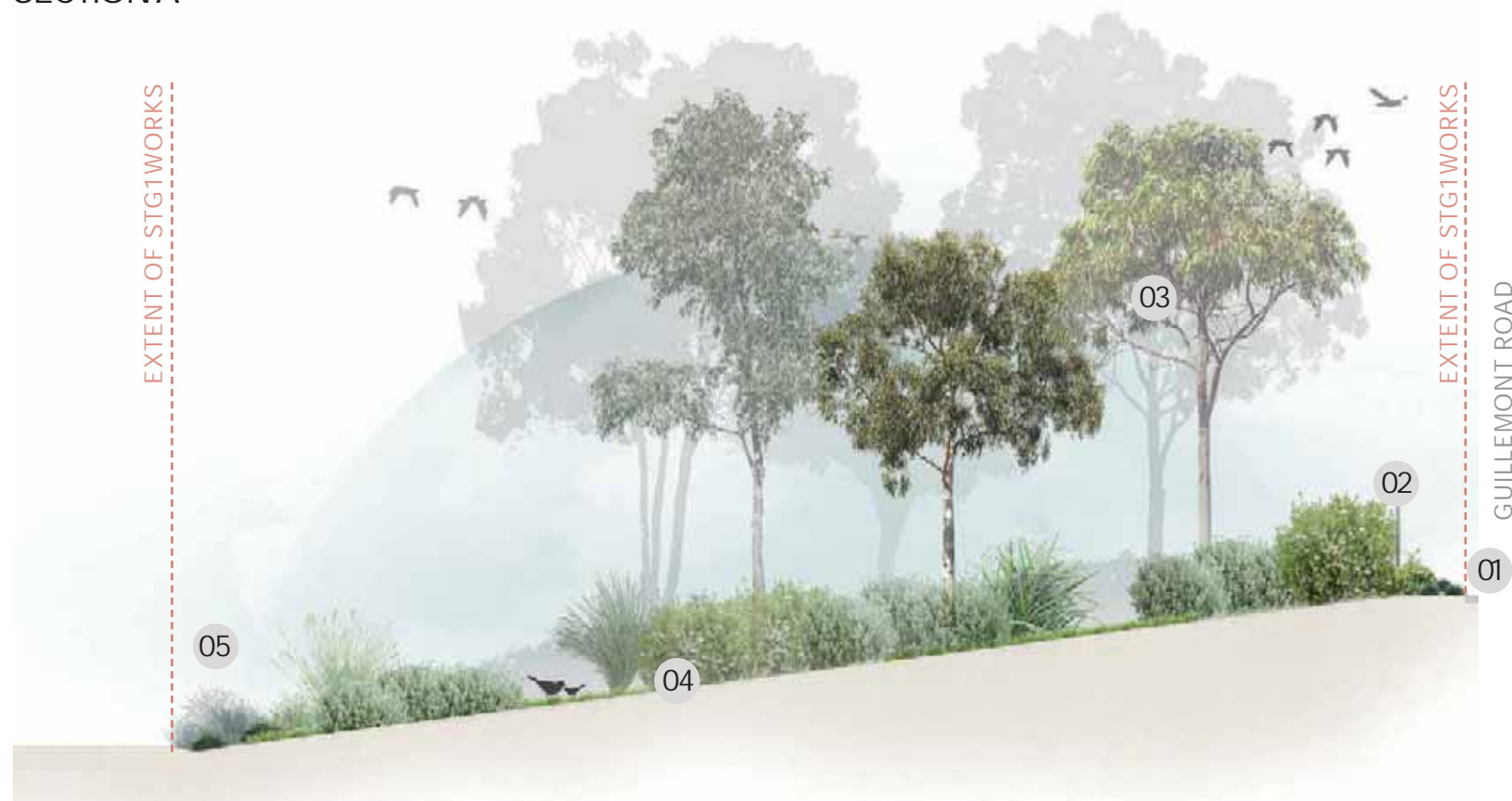




# Landscape Sections



SECTION A



SECTION B

## LEGEND

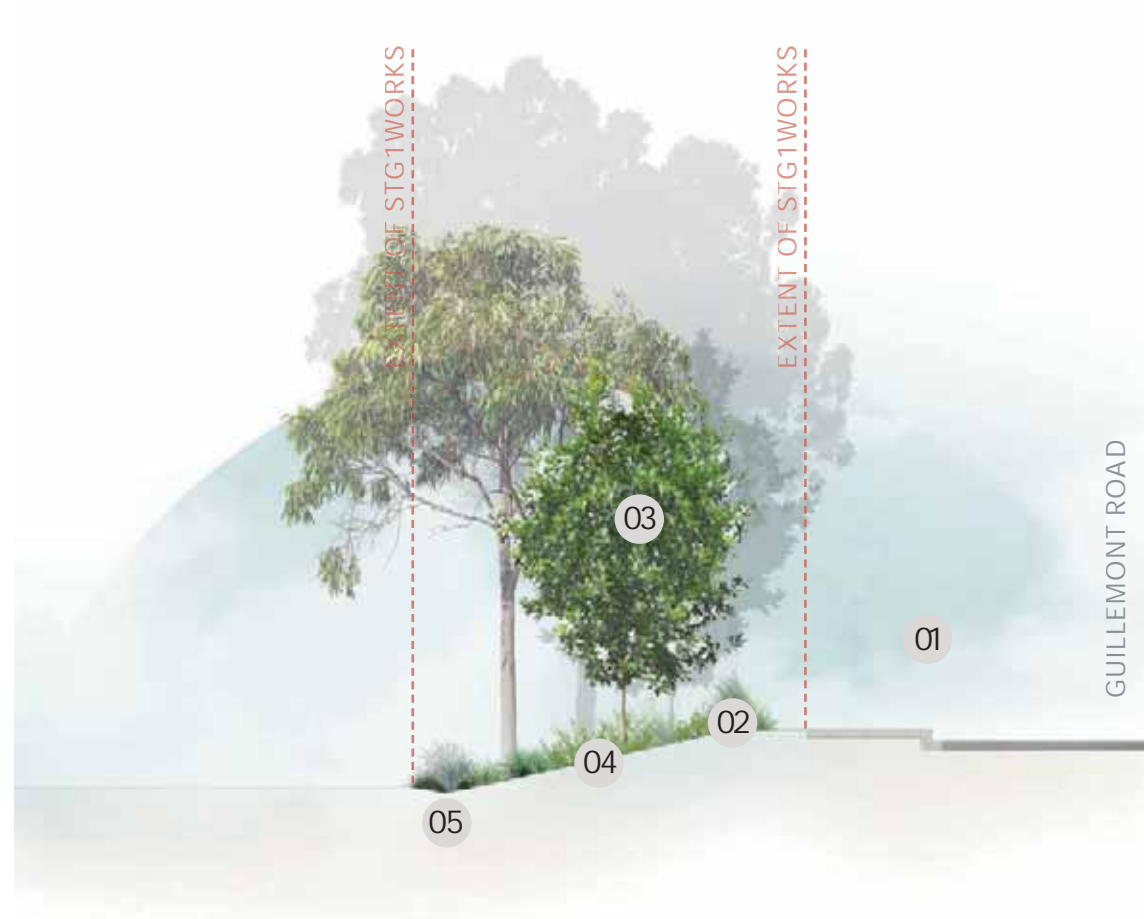
- 01 Existing public road + footpath
- 02 New boundary fencing to match existing  
Minimum 1m from consolidated lot  
boundary with planting buffer
- 03 Native tree planting to high section  
of embankment
- 04 Proposed planting to embankment
- 05 Planted swale to help capture +  
redirect water
- 06 School Oval

## KEY PLAN

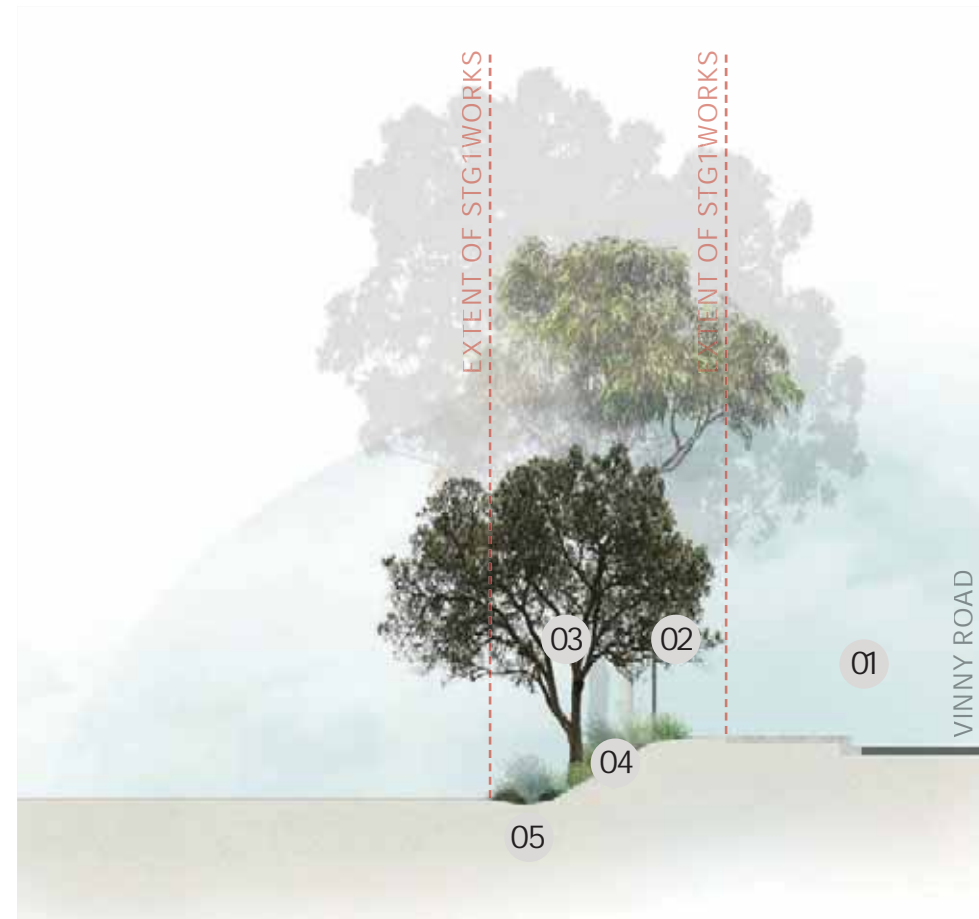




# Landscape Sections



SECTION C



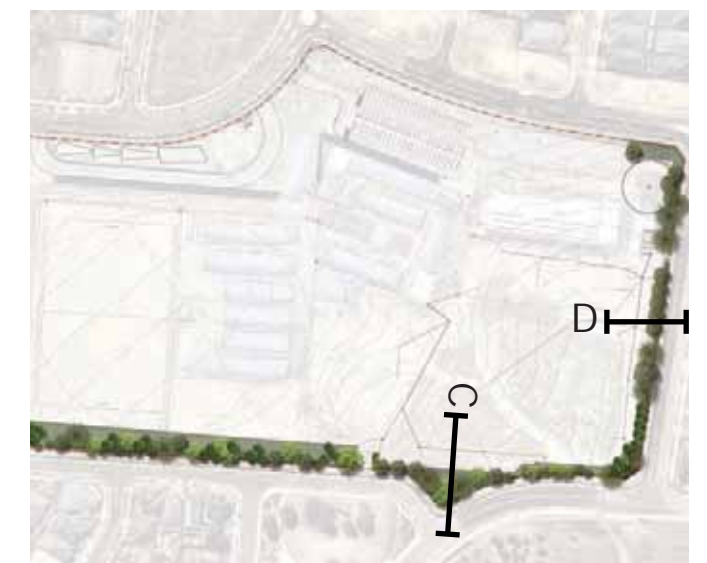
SECTION D

## LEGEND

- 01 Existing public road + footpath
- 02 Boundary fence with planting in front
- 03 Native tree planting to high section of embankment
- 04 Proposed planting to embankment
- 05 Planted swale to help capture + redirect water
































## KEY PLAN





# Planting Palette

Large Trees	 <i>Melaleuca linarifolia</i>	 <i>Lophostemon confertus</i>	 <i>Tristaniopsis laurina</i>	 <i>Elaeocarpus reticulatus</i>					
Small Trees	 <i>Acmena smithii</i> 'Sublime'	 <i>Banksia integrifolia</i>	 <i>Bursaria spinosa</i>	 <i>Eucalyptus caesia</i> 'Silver Princess'					
Grasses	 <i>Austrostipa stipoides</i>	 <i>Baumea articulata</i>	 <i>Juncus usitatus</i>	 <i>Lomandra longifolia</i>	 <i>Dianella longifolia</i>	 <i>Themeda australis</i>			
Shrubs & Ferns	 <i>Acacia limelight</i>	 <i>Adenanthos</i> sp.	 <i>Casuarina glauca</i> 'Green Wave'	 <i>Correa alba</i>	 <i>Leucopyhta brownii</i>	 <i>Pycnosorus globosus</i>	 <i>Arthropodium milleflorum</i>		
Groundcovers	 <i>Brunoniella australis</i>	 <i>Dichondra repens</i>	 <i>Veronica plebeia</i>	 <i>Myoporum parvifolium</i> 'Yareena'	Swale Mix	 <i>Juncus usitatus</i>	 <i>Carex appressa</i>	 <i>Microlaena stipoides</i>	 <i>Entolasia marginata</i>



Planting Schedule

19-648 ST FRANCIS CATHOLIC COLLEGE PLANT SCHEDULE\_STAGE ONE

CODE	BOTANIC NAME	COMMON NAME	MATURE SIZE (h x w) (m)	PROPOSED POT SIZE	QUANTITY
TREES & PALMS					
As	<i>Acmena smithii</i> 'Sublime'	Sublime Lilly Pilly	5 x 2-3	200LT	3
Bi	<i>Banksia integrifolia</i>	Coastal Banksia	6 x 1-2	200LT	10
Bs*	<i>Bursaria spinosa</i>	Sweet Bursaria	2.5 x 1.5-2	200LT	37
Er	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	8-10 x 3-5	200LT	27
Ec	<i>Eucalyptus caesia</i> 'Silver Princess'	Silver Princess Gum	6-8 x 3-4	200LT	16
Lc	<i>Lophostemon confertus</i>	Brush Box	8-12 x 5-7	200LT	28
MI^	<i>Melaleuca linarifolia</i>	Snow in Summer	10 x 4	200LT	16
TI	<i>Tristaniopsis laurina</i> 'Luscious'	'Luscious' Water Gum	7-12 x 5	200LT	25
SHRUBS & ACCENTS					
Ap*	<i>Acacia parramattensis</i>	Parramatta Wattle	4 x 3	75LT	20
Al	<i>Acacia cognata</i> 'Limelight'	River Wattle	0.5-1 x 1-1.2	300mm	79
Ase	<i>Adenanthos sericeus</i>	Woollybush	1-5 x 1-5	45LT	27
Cg	<i>Casuarina glauca</i> 'Green Wave'	Green Wave She-Oak	1-2 x 1-2	300mm	82
Ca	<i>Correa alba</i> var. <i>Alba</i>	White Correa	1-1.5 x 1-1.5	300mm	103
Lb	<i>Leucophyta brownii</i>	Cushion Bush	1-1.2 x 1-1.2	300mm	78
GRASSES & GROUNDCOVER MATRIX					
Am^	<i>Arthropodium milleflorum</i>	Pale Vanilla Lily	1 x 0.3	150mm	1429
Av^	<i>Aristida vagans</i>	Speargrass	0.8 x 0.5	150mm	763
Pg	<i>Pycnosorus globosus</i>	Billy Buttons	0.3-1 x 0.2-0.5	200mm	1144
DI^	<i>Dianella longifolia</i>	Blue Flax Lily	0.8 x 0.5	150mm	1905
LI^	<i>Lomandra longifolia</i>	Spiny-Head Mat Rush	1.2 x 1	200mm	2856
Ta^	<i>Themeda australis</i>	Kangaroo Grass	1.5 x 0.5	150mm	2856
Oa*	<i>Oplismenus aemulus</i>	Australian Basket Grass	0.3 x spreading	150mm	1429
GROUNDCOVER MATRIX					
Ba^	<i>Brunoniella australis</i>	Blue Trumpet	0.20 x spreading	150mm	791
Dr^	<i>Dichondra repens</i>	Kidney Weed	0.05-0.15 x 2	140mm	450
Vp*	<i>Veronica plebeia</i>	Creeping speedwell	0.10 x 1	150mm	450
Pp*	<i>Pratia purpurascens</i>	White Root	0.15 x spreading	150mm	450
Mp	<i>Myoporum parvifolium</i> 'Yareena'	Yareena Creeping Boobialla	0.10 x 3	140mm	314
SWALE MATRIX					
Ast	<i>Austrostipa stipoides</i>	Prickly Spear Grass	0.8-1 x 0.8-1	150mm	348
Ba	<i>Baumea articulata</i>	Jointed twig-rush	1.5 x 1	150mm	348
Em*	<i>Entolasia merginata</i>	Bordered Panic Grass	0.8 x 2	150mm	348
Mss*	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass	1 x 0.2	150mm	348
Ju	<i>Juncus usitatus</i>	Common Rush	0.6 x 1	150mm	348
BIORETENTION MIX					
Ba	<i>Baumea articulata</i>	Jointed twig-rush	1.5 x 1	150mm	143
Es	<i>Eleocharis sphacelata</i>	Tall Spike Rush	1.2 x spreading	150mm	198
Sv	<i>Schoenoplectus validus</i>	River Club-Rush	1.5 x 1	150mm	214
Tm	<i>Triglochin micro tuberosum</i>	Water Ribbons	1.5 x 1	150mm	132

LEGEND  
\*Alluvial Woodland Species  
^Shale Plain Woodland Species  
All other species included are Australian Natives



A photograph of a modern outdoor terrace. In the foreground, a small grey bird with a black cap and yellow beak stands on a wooden table. To the left, a tree with long, thin green leaves hangs over the terrace. In the background, there are wooden planters, a white fence, and a building with a balcony. The scene is brightly lit, suggesting daytime.

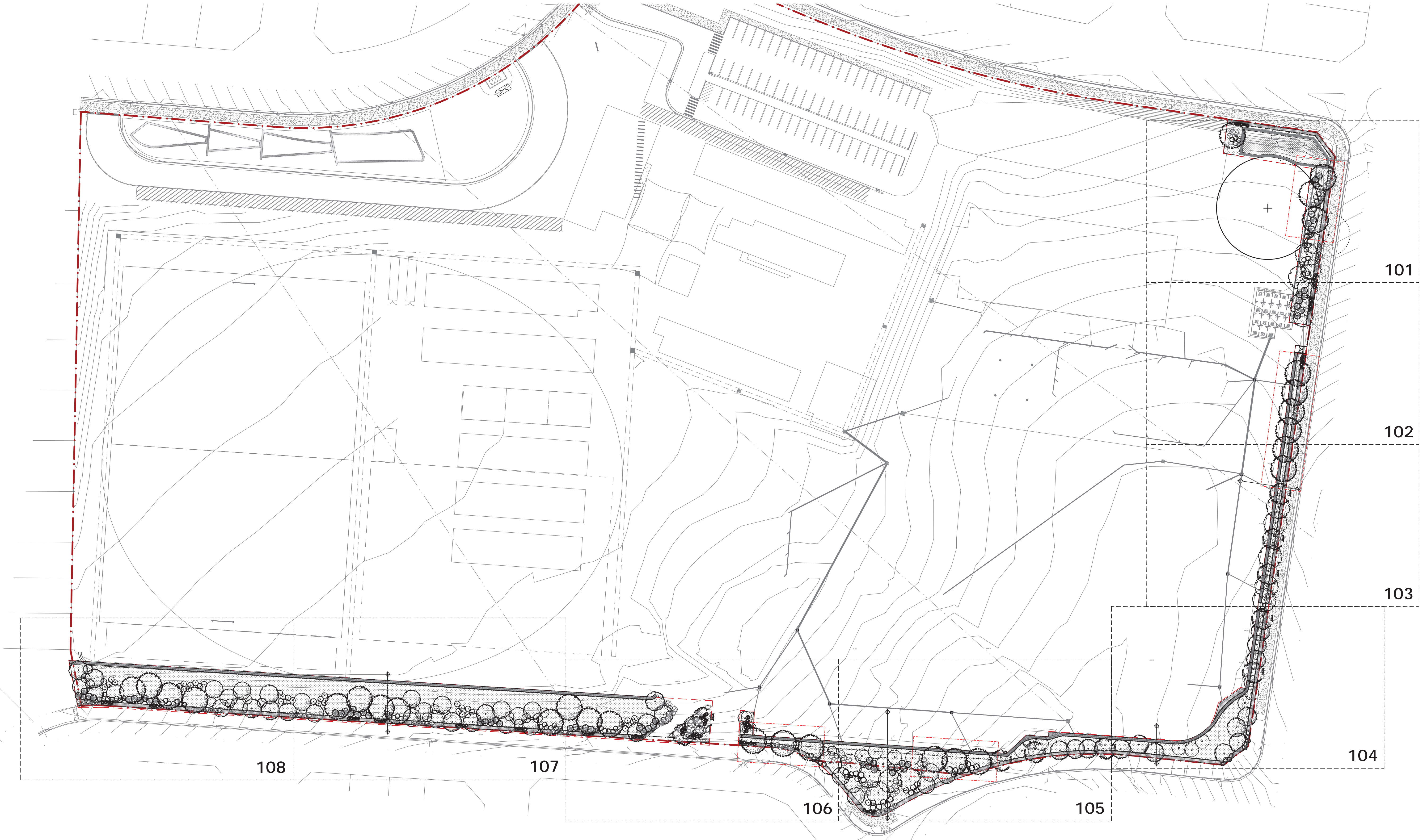
## APPENDIX



LANDSCAPE PLAN

100

NOTE: PROPOSED WORKS THAT FORM PART OF THIS APPLICATION INCLUDE SOFT SOIL  
LANDSCAPING, PERIMETER FENCING AND STORMWATER WORKS. ALL OTHER ITEMS SHOWN  
ARE EITHER AS PART OF THE EXISTING COLLEGE OR INDICATIVE FOR FUTURE STAGES.

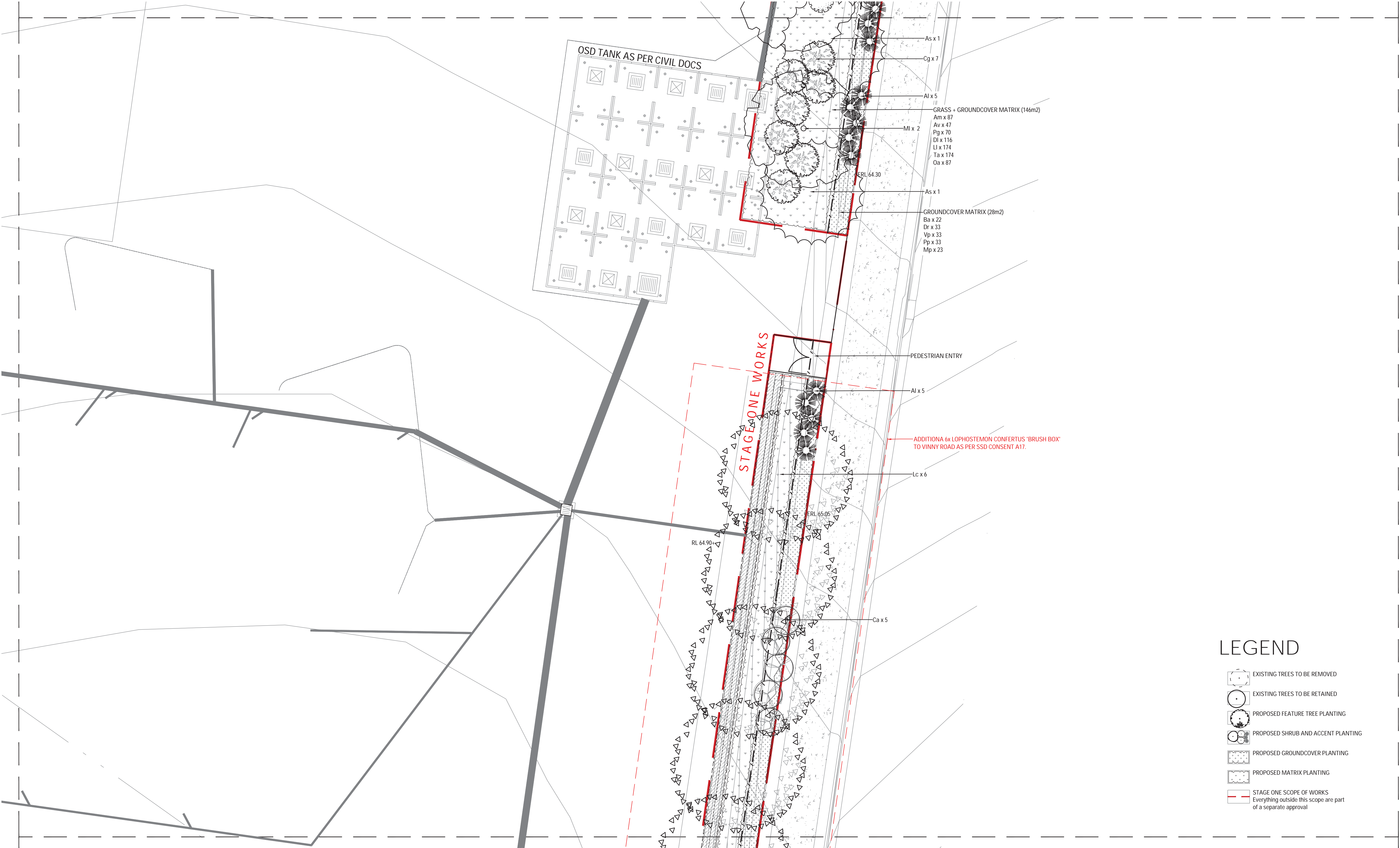




SOFTWORKS PLAN





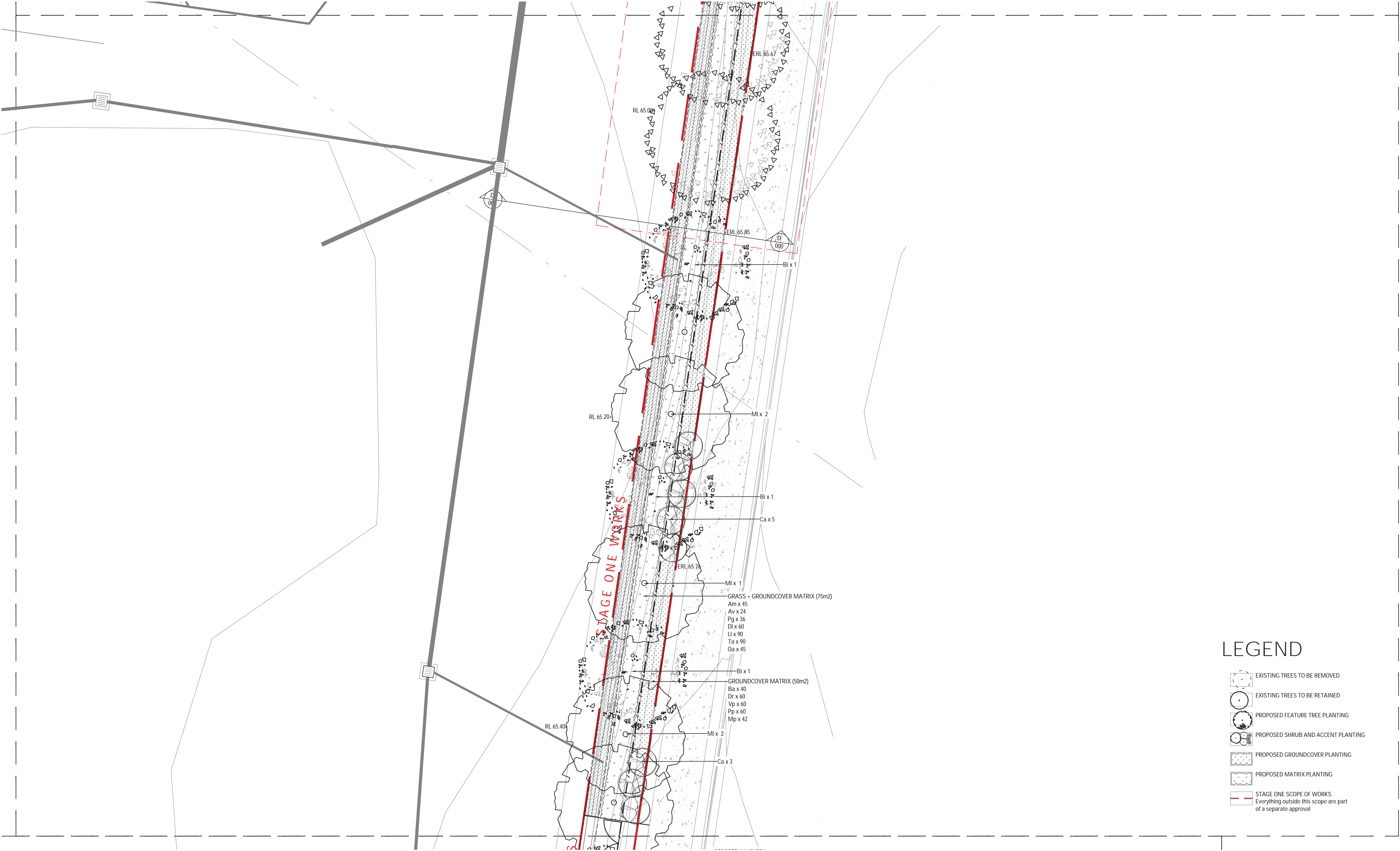


LEGEND

- EXISTING TREES TO BE REMOVED
- EXISTING TREES TO BE RETAINED
- PROPOSED FEATURE TREE PLANTING
- PROPOSED SHRUB AND ACCENT PLANTING
- PROPOSED GROUND COVER PLANTING
- PROPOSED MATRIX PLANTING
- STAGE ONE SCOPE OF WORKS  
Everything outside this scope are part of a separate approval











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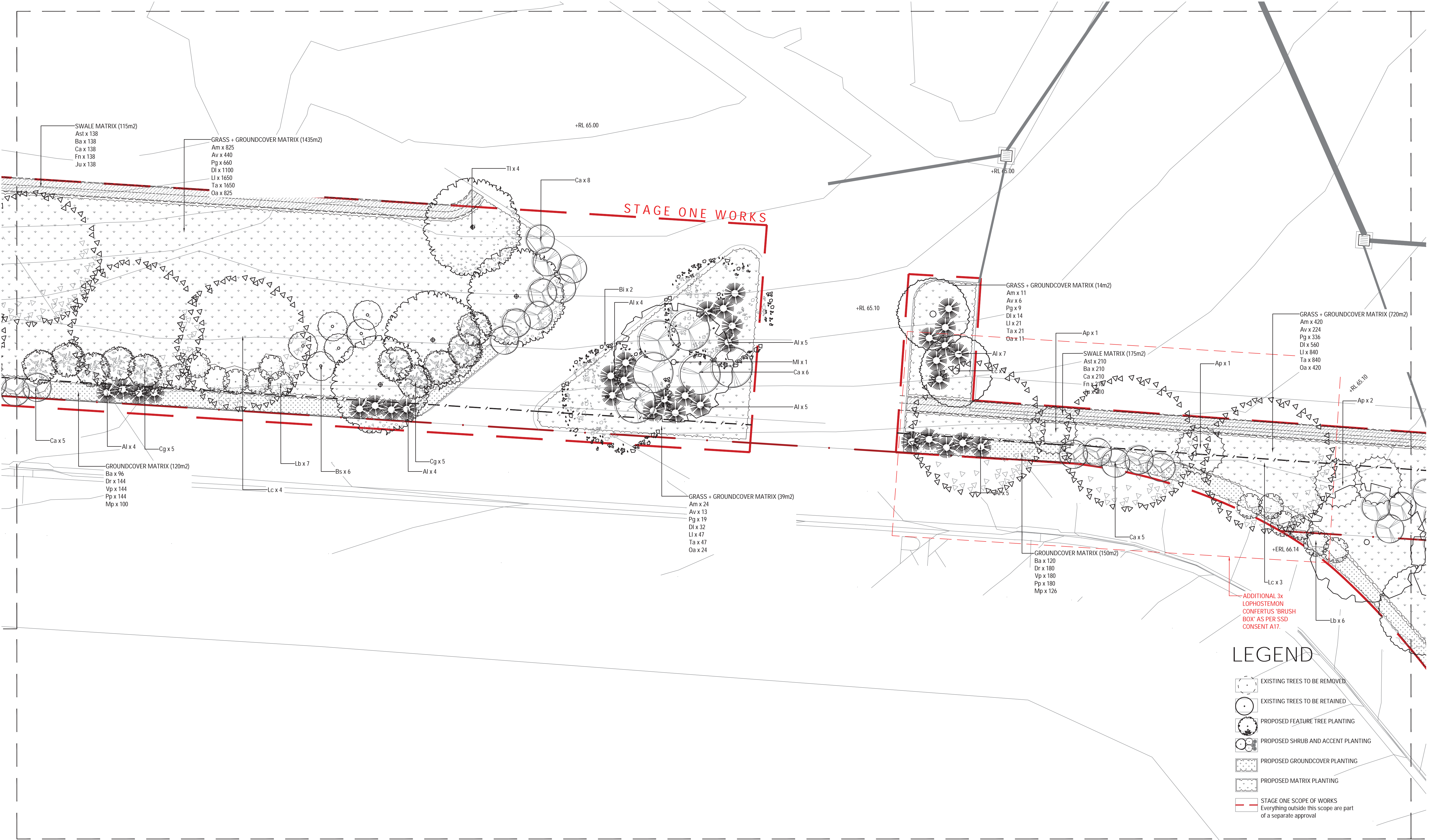


A circle with a shaded sector. The sector is formed by two radii and an arc. The angle between the two radii is labeled as  $\theta$ .

DATE 27.08.2020  
SCALE 1:100 @ A1  
ISSUE E

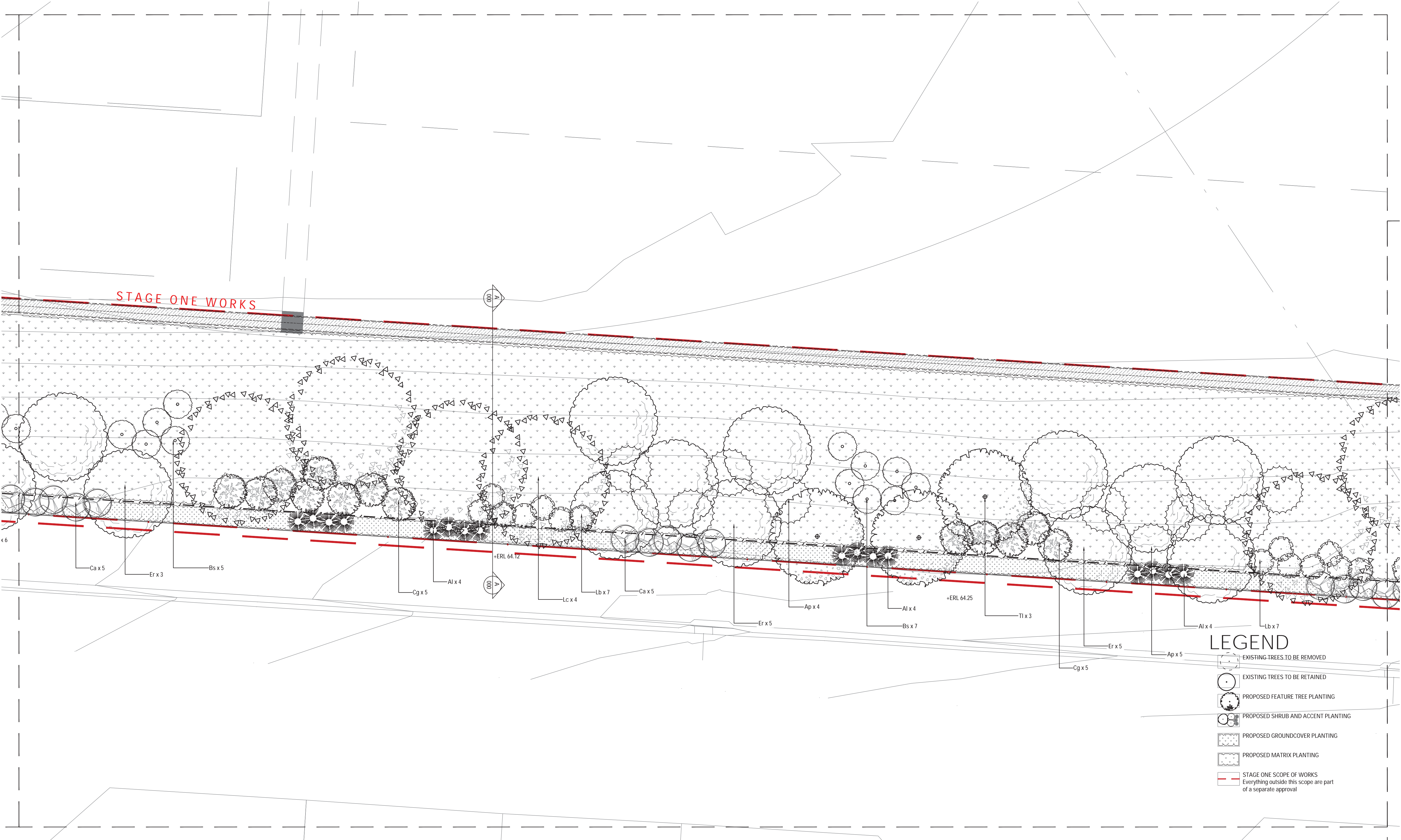
Copyright remains the property of **Arcadia** Landscape Architecture Pty Ltd. Use only figured dimensions. Any other required dimensions are to be referred to and supplied by the landscape architect. All discrepancies to be referred to the project manager and Arcadia Landscape Architecture Pty Ltd prior to construction. Ensure compliance with the Building Code of Australia and all relevant Australian Standards and Authorities







SOFTWORKS PLAN

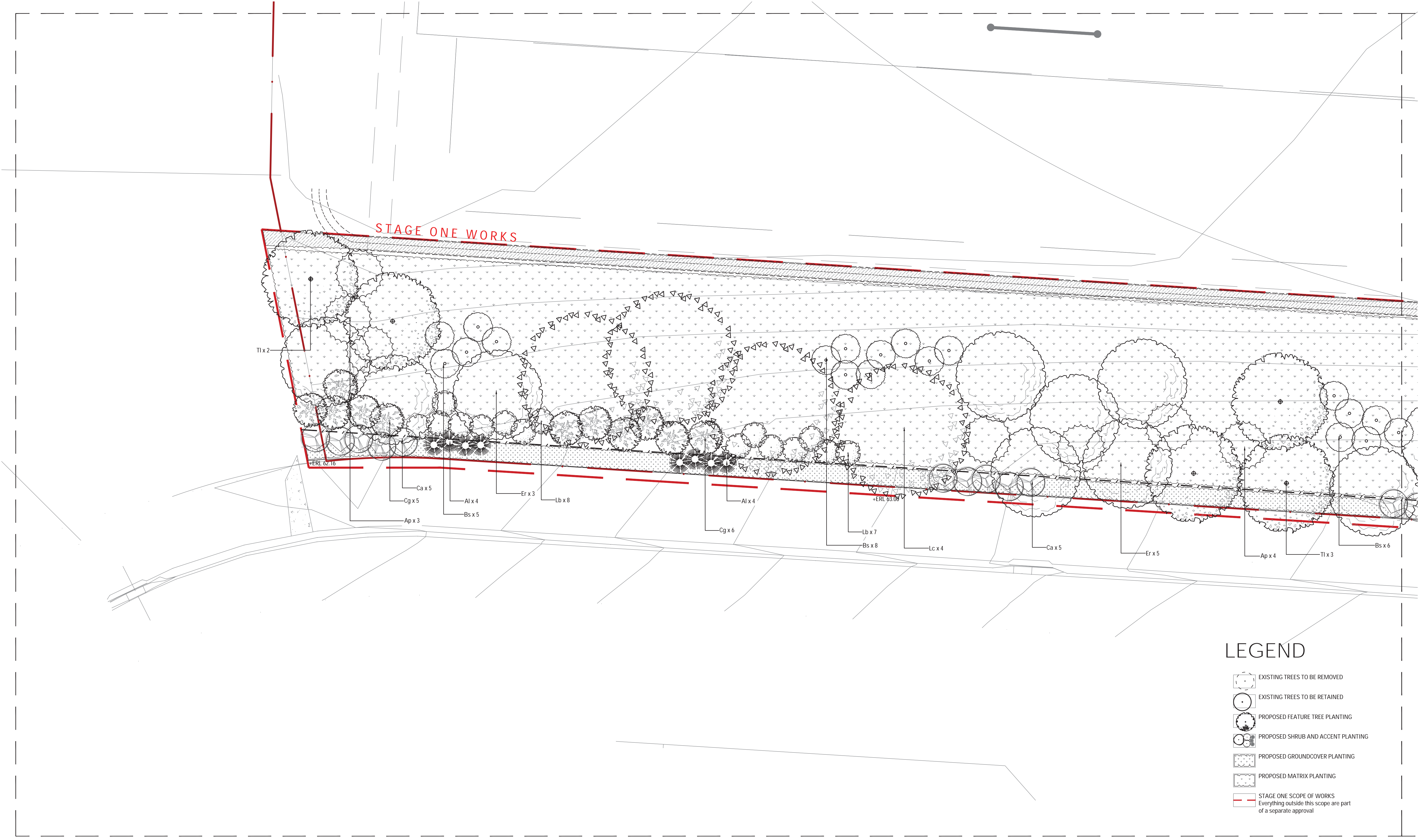


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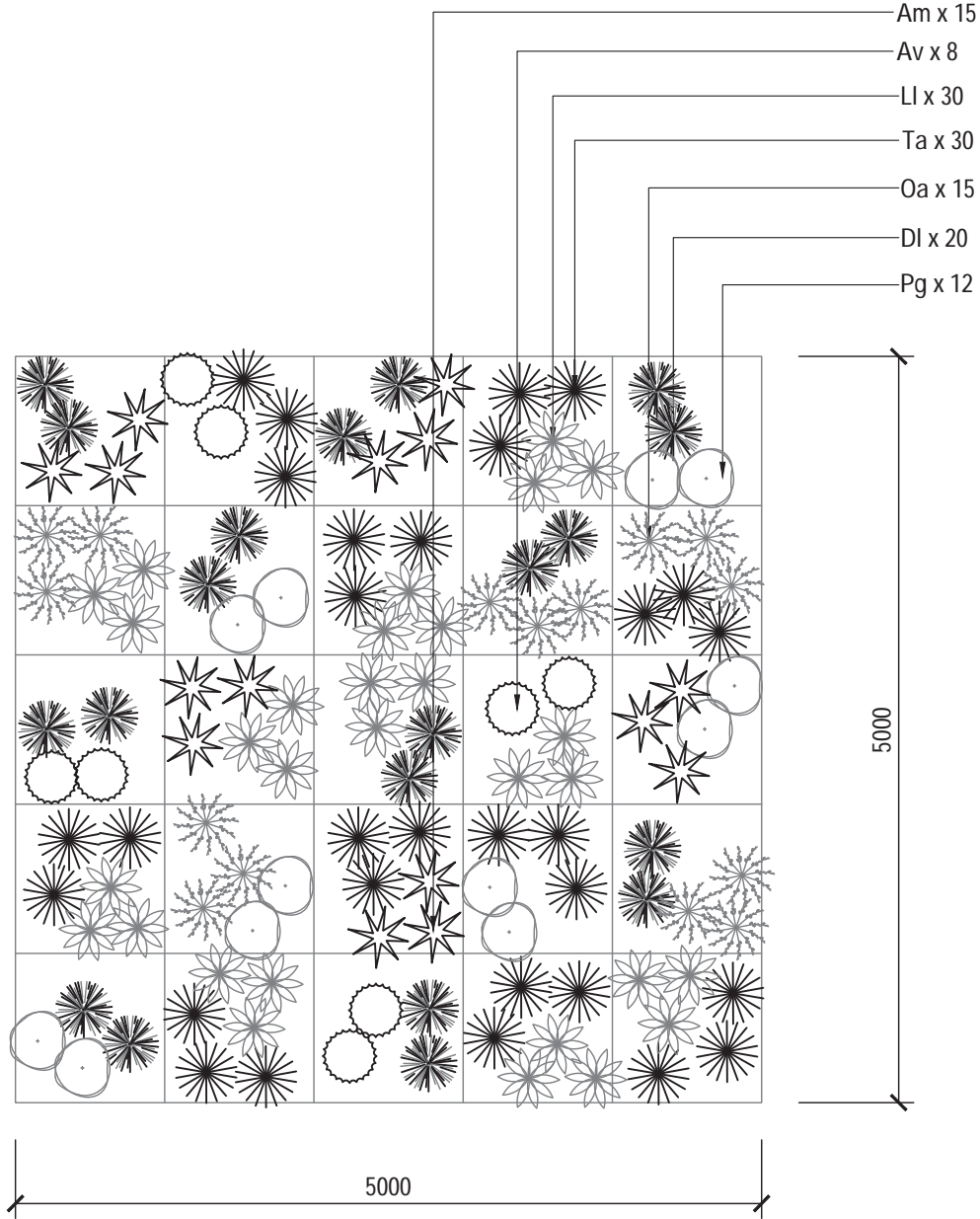


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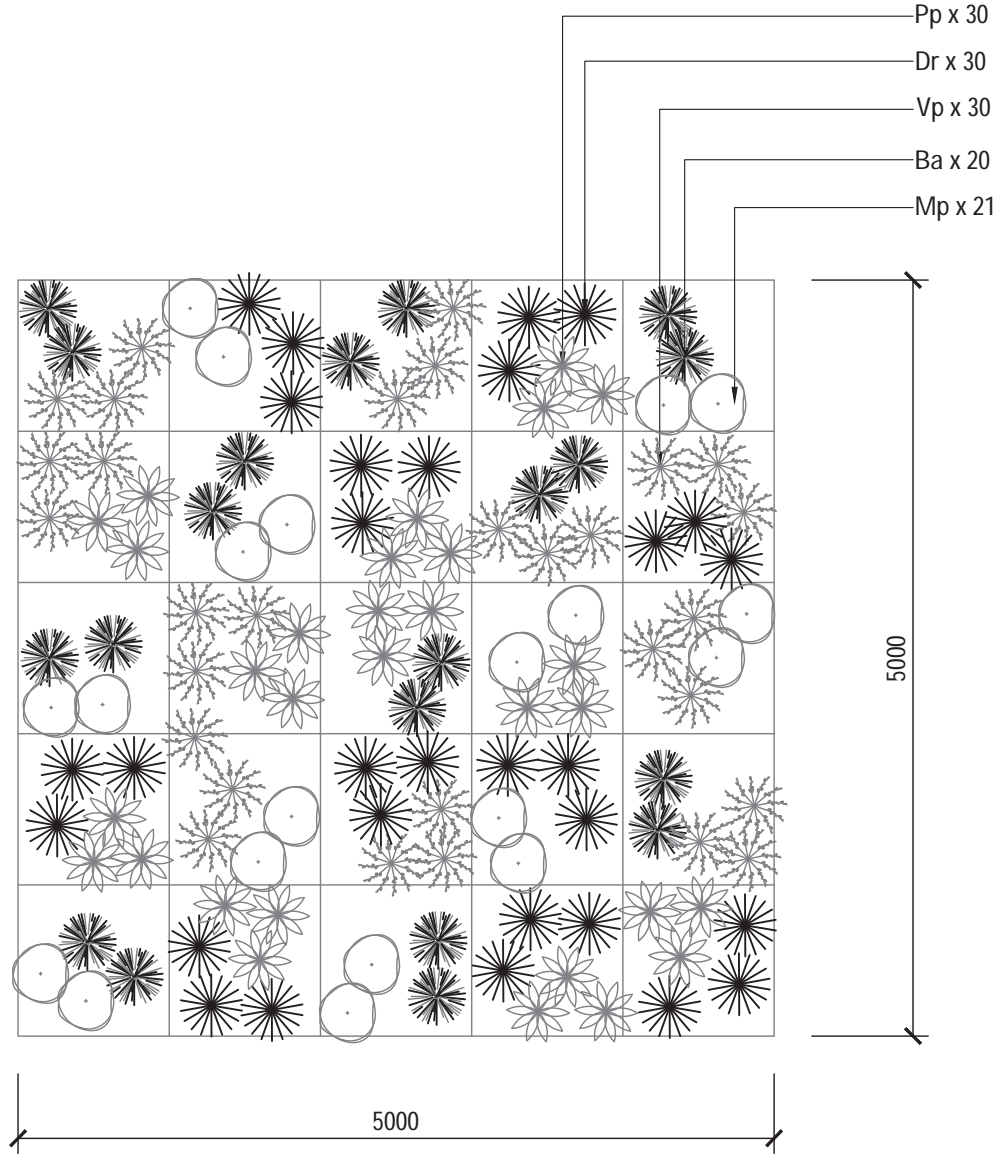






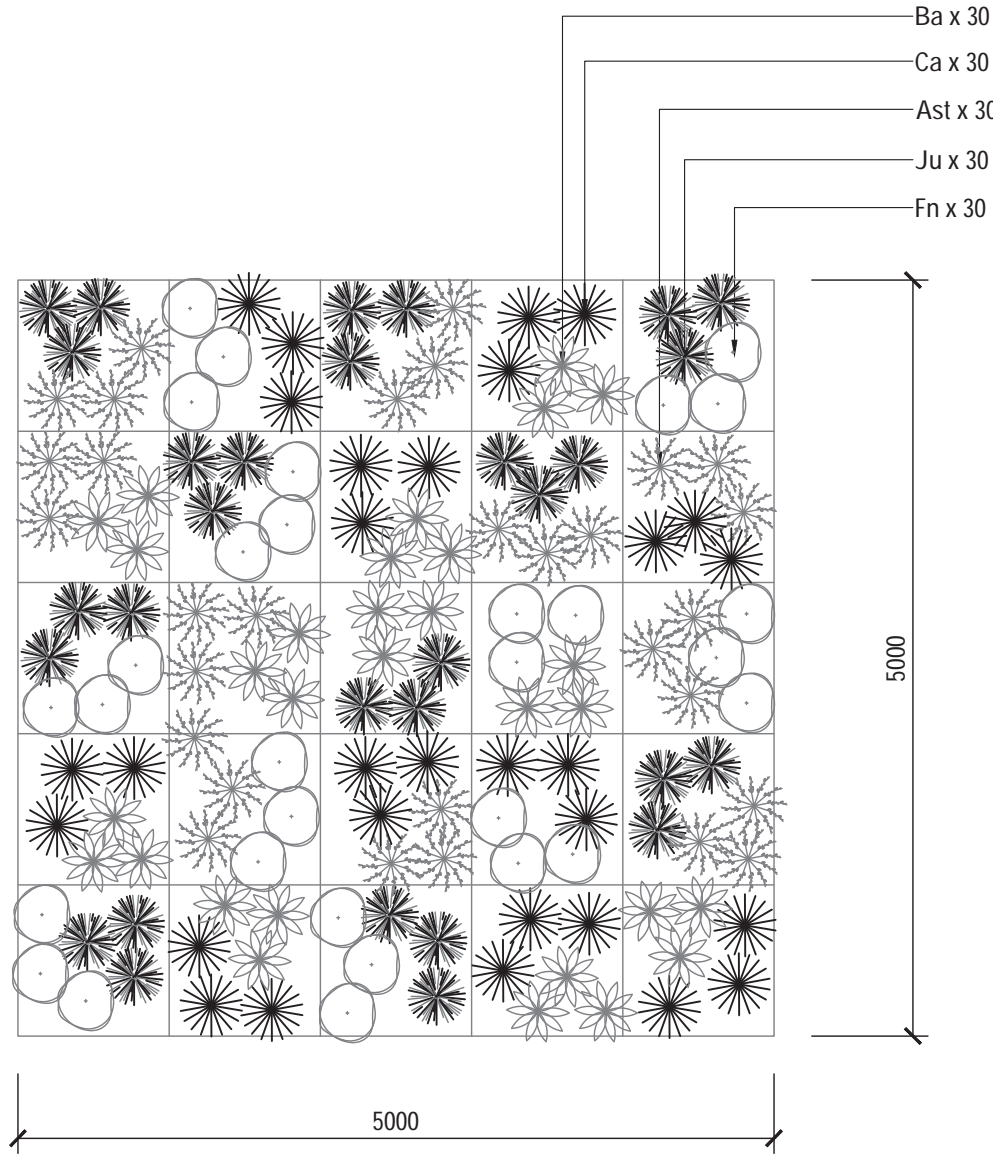
01 NATIVE GRASSES + GROUNDCOVER MATRIX - 5m x 5m  
SCALE 1:50

NOTE: DETAIL IS INDICATIVE ONLY,  
PLANT ALL SPECIES RANDOMLY AT  
AM OVERALL RATE OF 6/m2



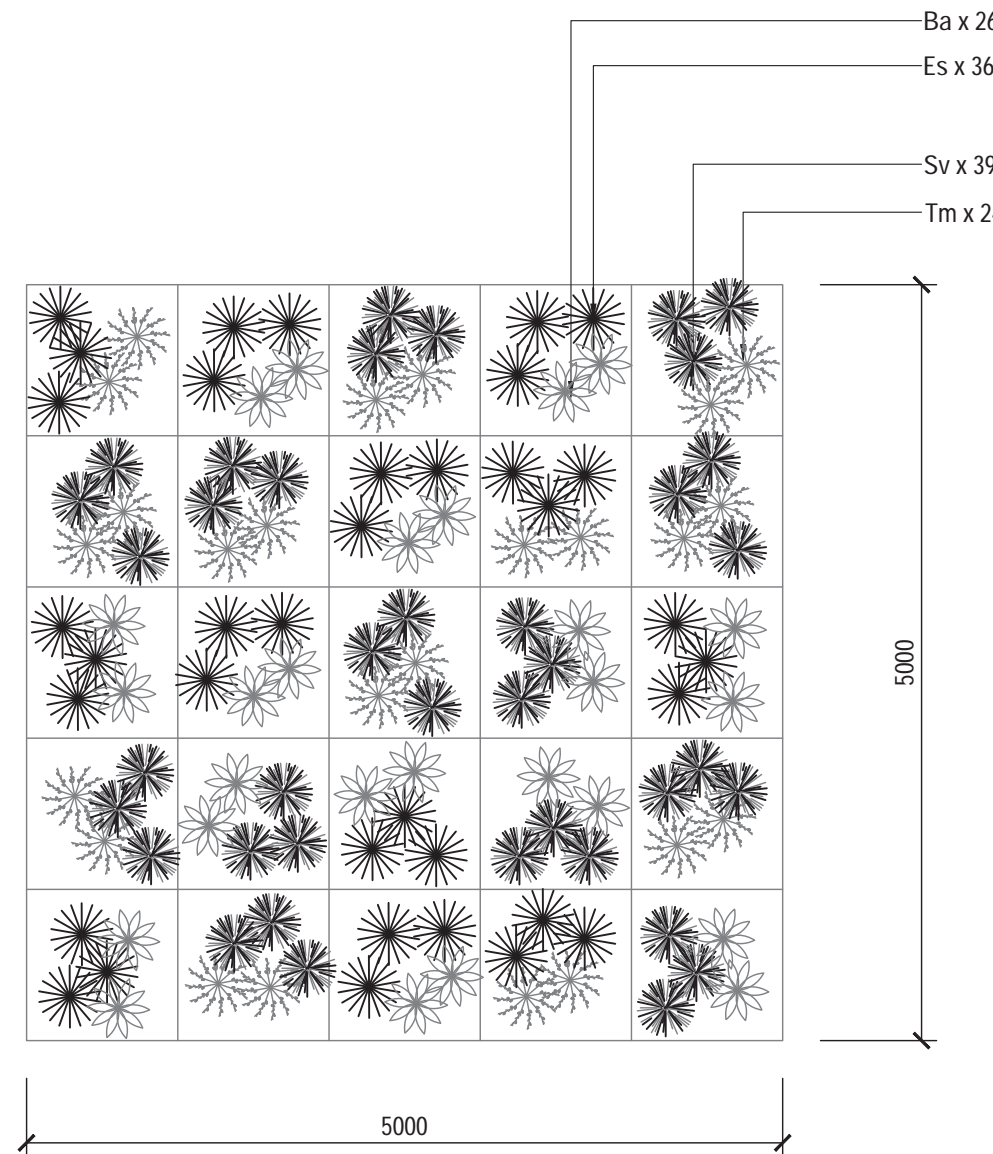
02 GROUNDCOVER MATRIX - 5m x 5m  
SCALE 1:50

NOTE: DETAIL IS INDICATIVE ONLY,  
PLANT ALL SPECIES RANDOMLY AT  
AM OVERALL RATE OF 6/m2



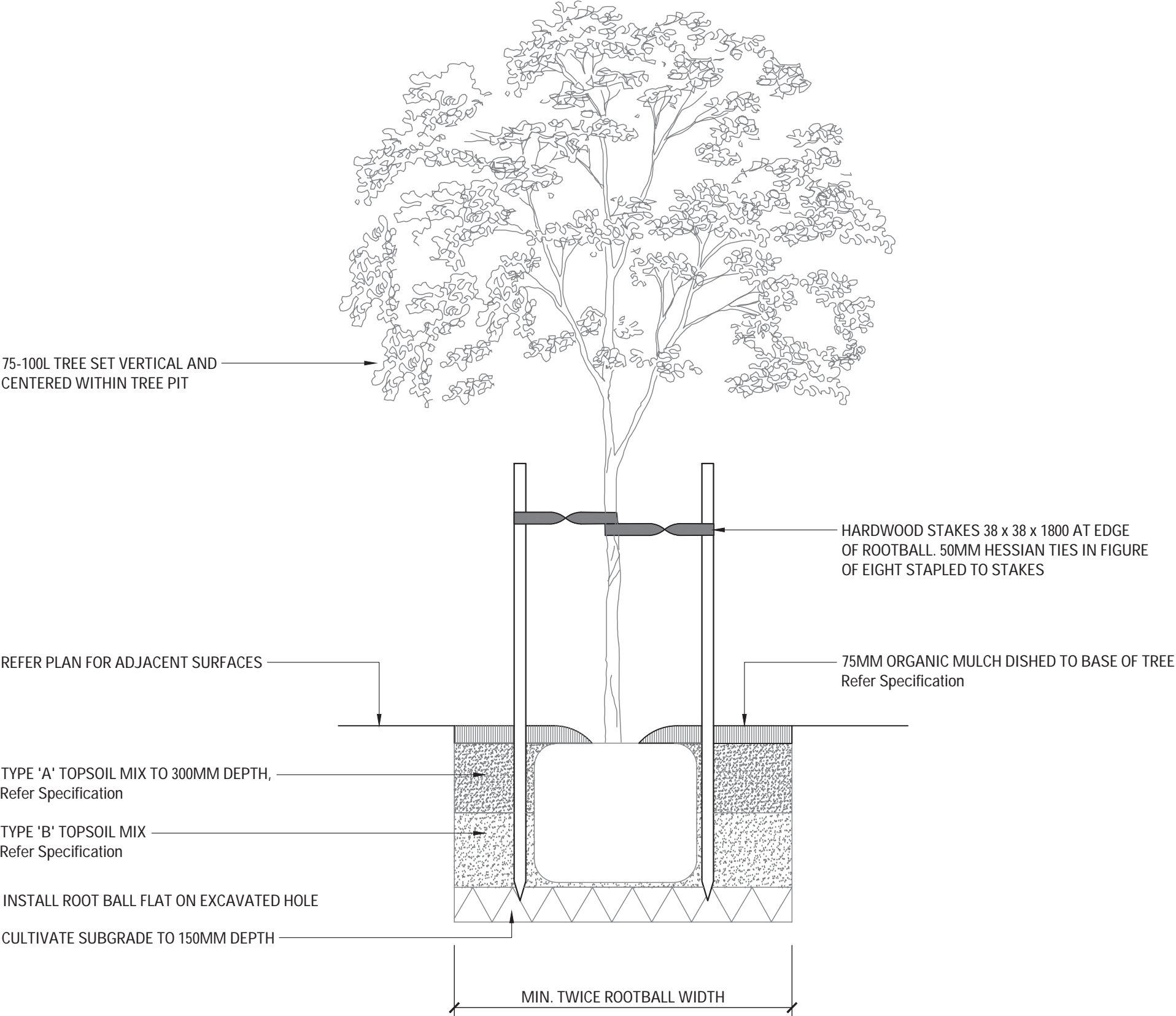
03 SWALE MATRIX - 5m x 5m  
SCALE 1:50

NOTE: DETAIL IS INDICATIVE ONLY,  
PLANT ALL SPECIES RANDOMLY AT  
AM OVERALL RATE OF 6/m2

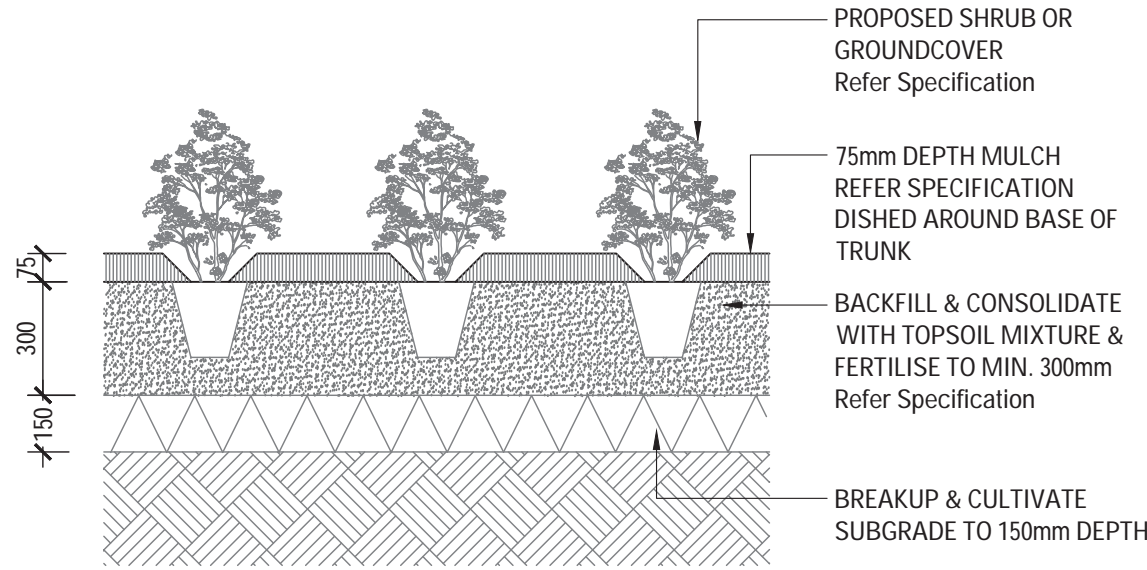


04 BIORETENTION MATRIX - 5m x 5m  
SCALE 1:50

NOTE: DETAIL IS INDICATIVE ONLY,  
PLANT ALL SPECIES RANDOMLY AT  
AM OVERALL RATE OF 6/m2



04 TREE PLANTING 75-100L  
SCALE 1:20



05 SHRUB OR GROUNDCOVER IN PLANTING BED  
SCALE 1:20





A photograph of a modern outdoor courtyard. In the foreground, a tree with long, thin green leaves hangs down from the top left. A white metal fence runs across the middle ground. Behind the fence is a large, rectangular wooden planter box filled with green plants. To the right, a tall, dark brown metal post stands. In the background, a multi-story building with a grid-like facade is visible. The word "ARCADIA" is overlaid in white, bold, sans-serif capital letters, underlined, in the center of the image.

# ARCADIA