

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 calm and modern.

# ARCADIA

## St Francis Catholic College SSDA Issue

Prepared for JDH Architects  
17 March 2020



# ARCADIA

Issue D

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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



## Section 1

- Context
- Local Planting Character
- Concept Masterplan
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- Plant Palette
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- Landscape Details

# 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*.

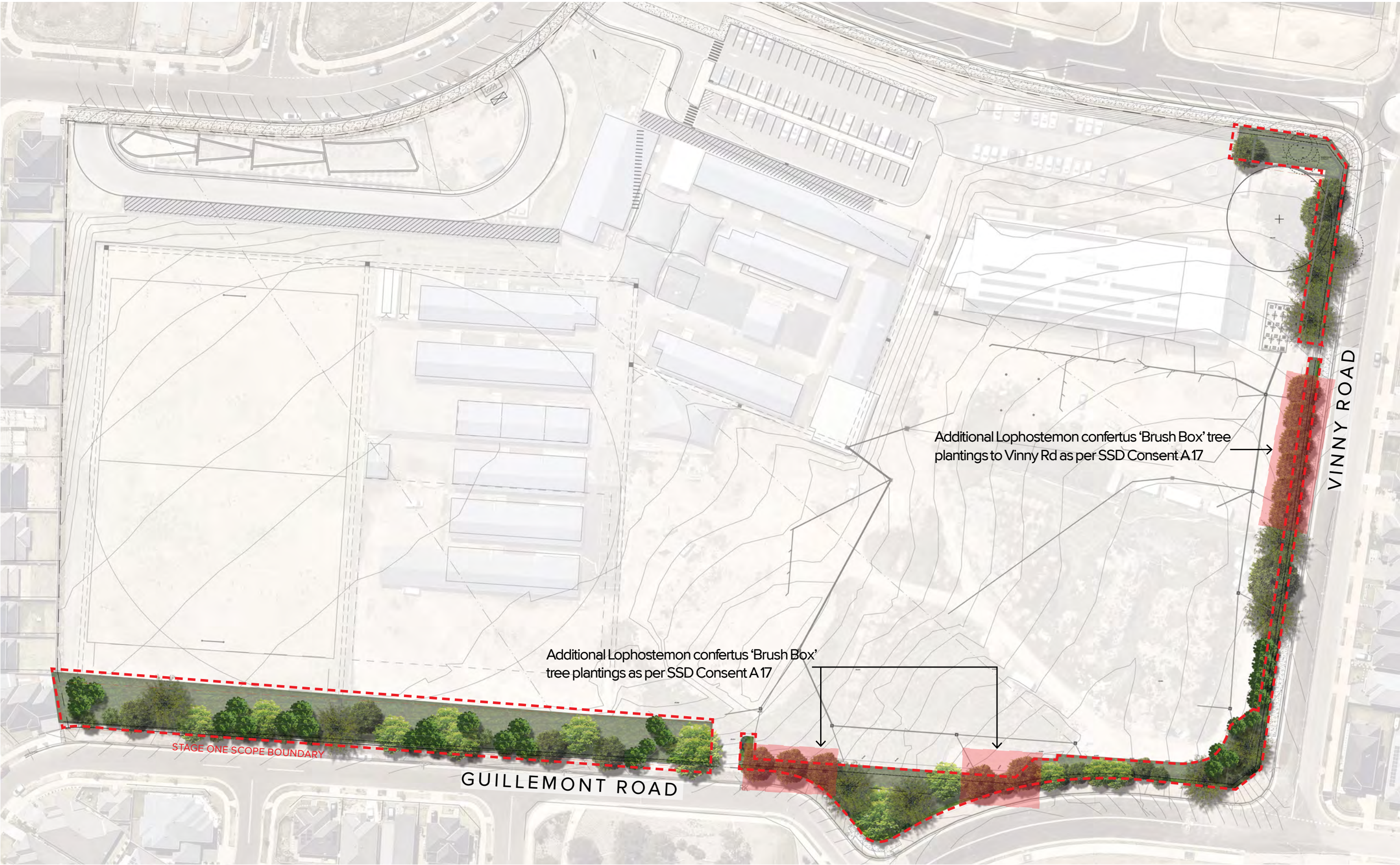
## St Francis Catholic College

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*.



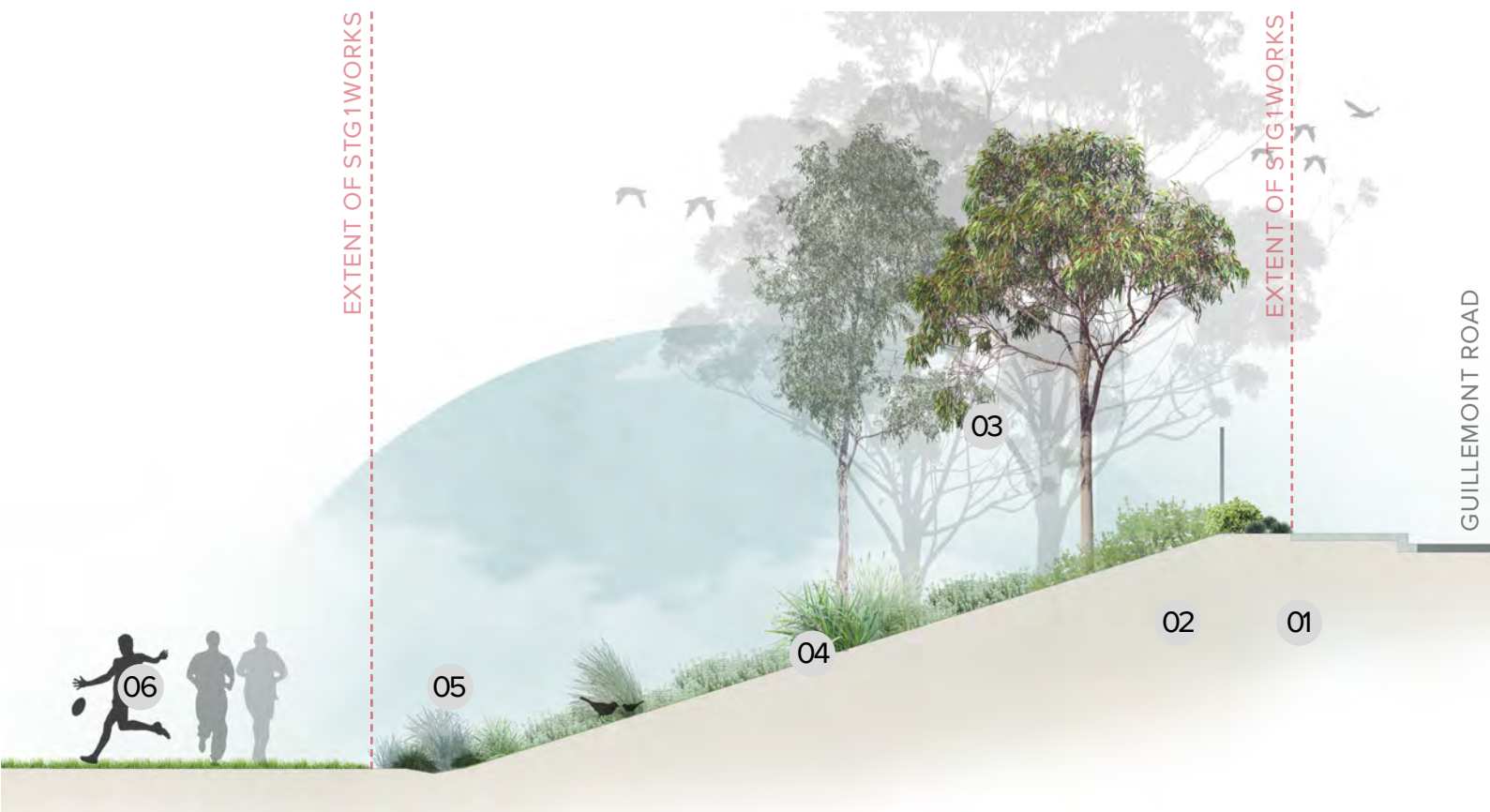


# Stage One Landscaping Plan





# Landscape Sections



SECTION A

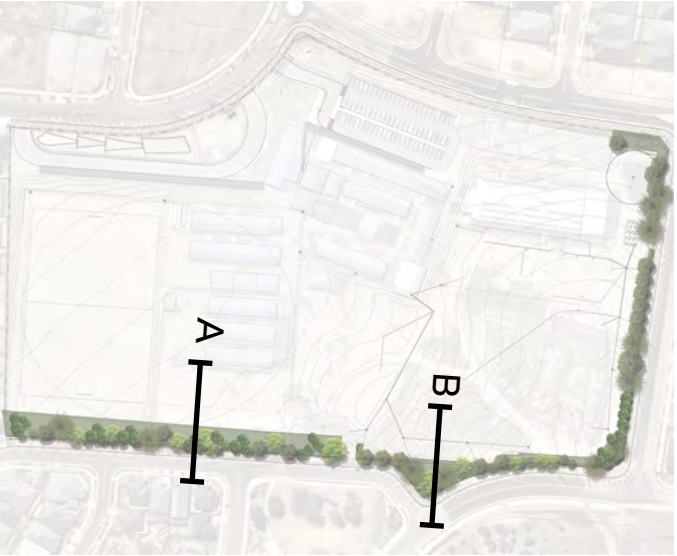


SECTION B

## LEGEND

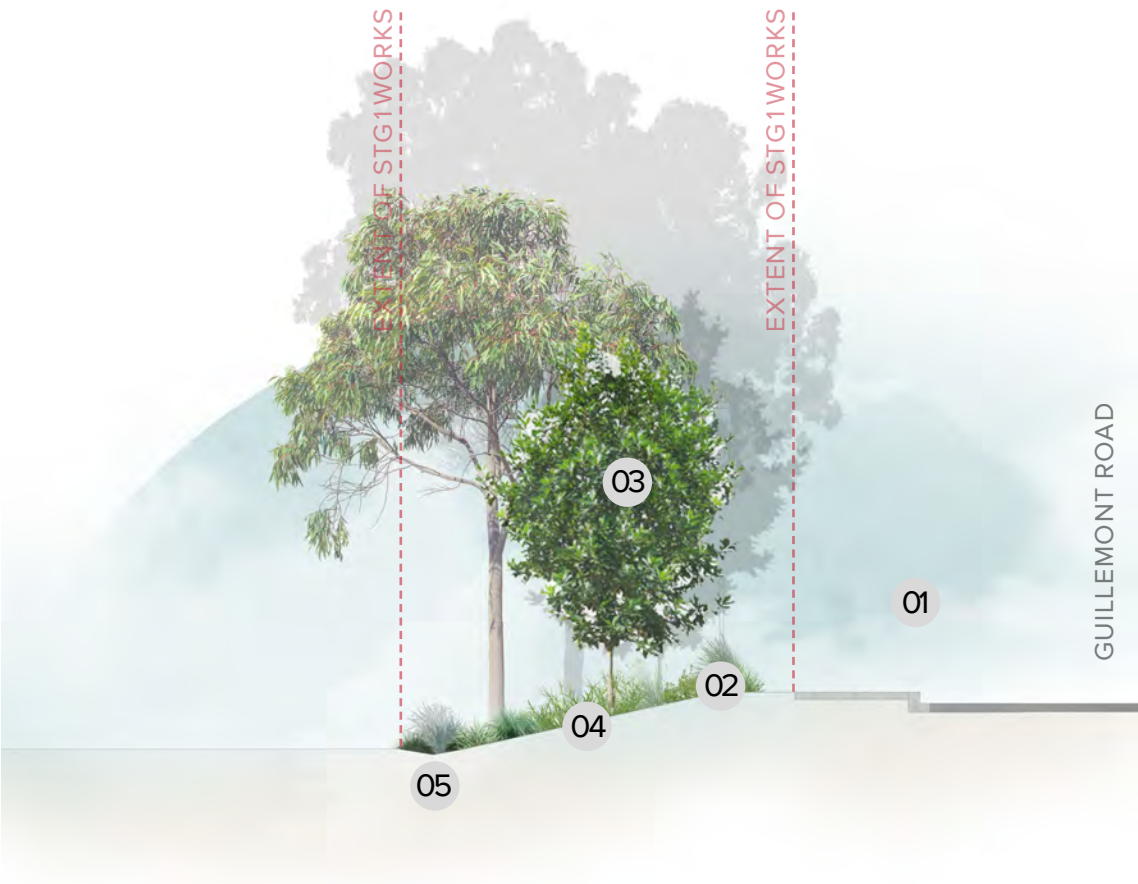
- 01 Existing public road + footpath
- 02 New boundary fencing to match existing  
Minimum 1m from consolidated lot  
boundary with planting buffer
- 03 Native tree planting to high section  
of embankment
- 04 Proposed planting to embankment
- 05 Planted swale to help capture +  
redirect water
- 06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

## KEY PLAN

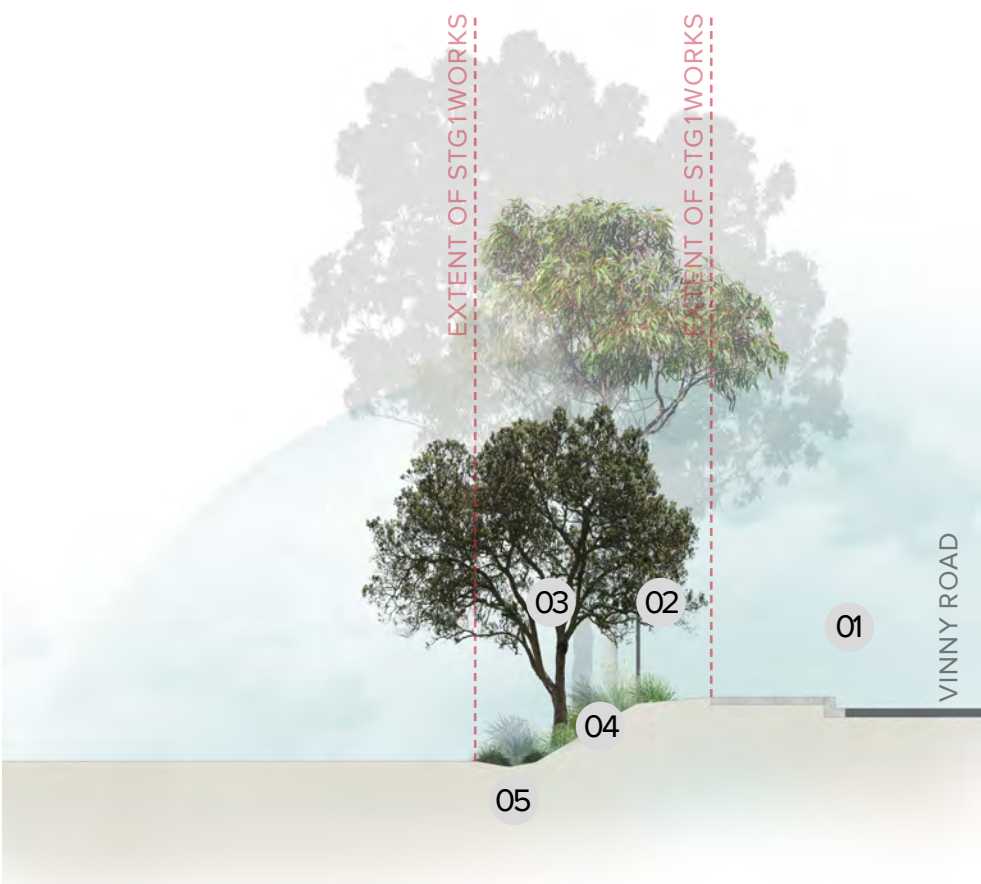




# Landscape Sections



SECTION C



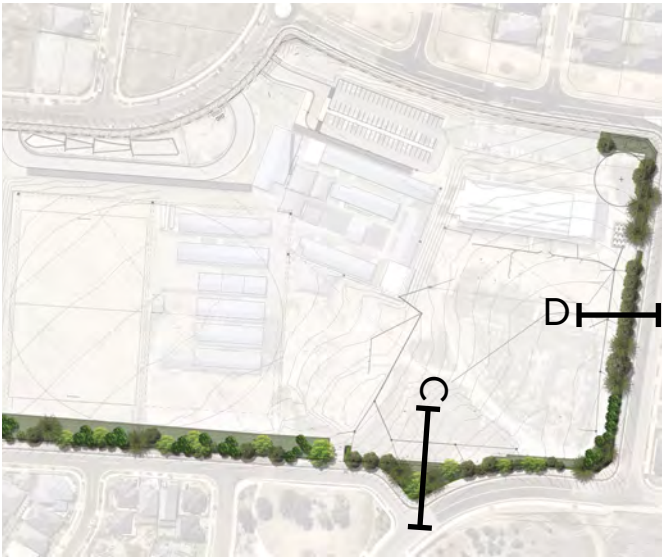
SECTION D

## 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



## Small Trees



# Grasses



## Shrubs & Ferns



## Groundcovers



## Swale Mix





# Planting Schedule

## 19-648 ST FRANCIS CATHOLIC COLLEGE PLANT SCHEDULE

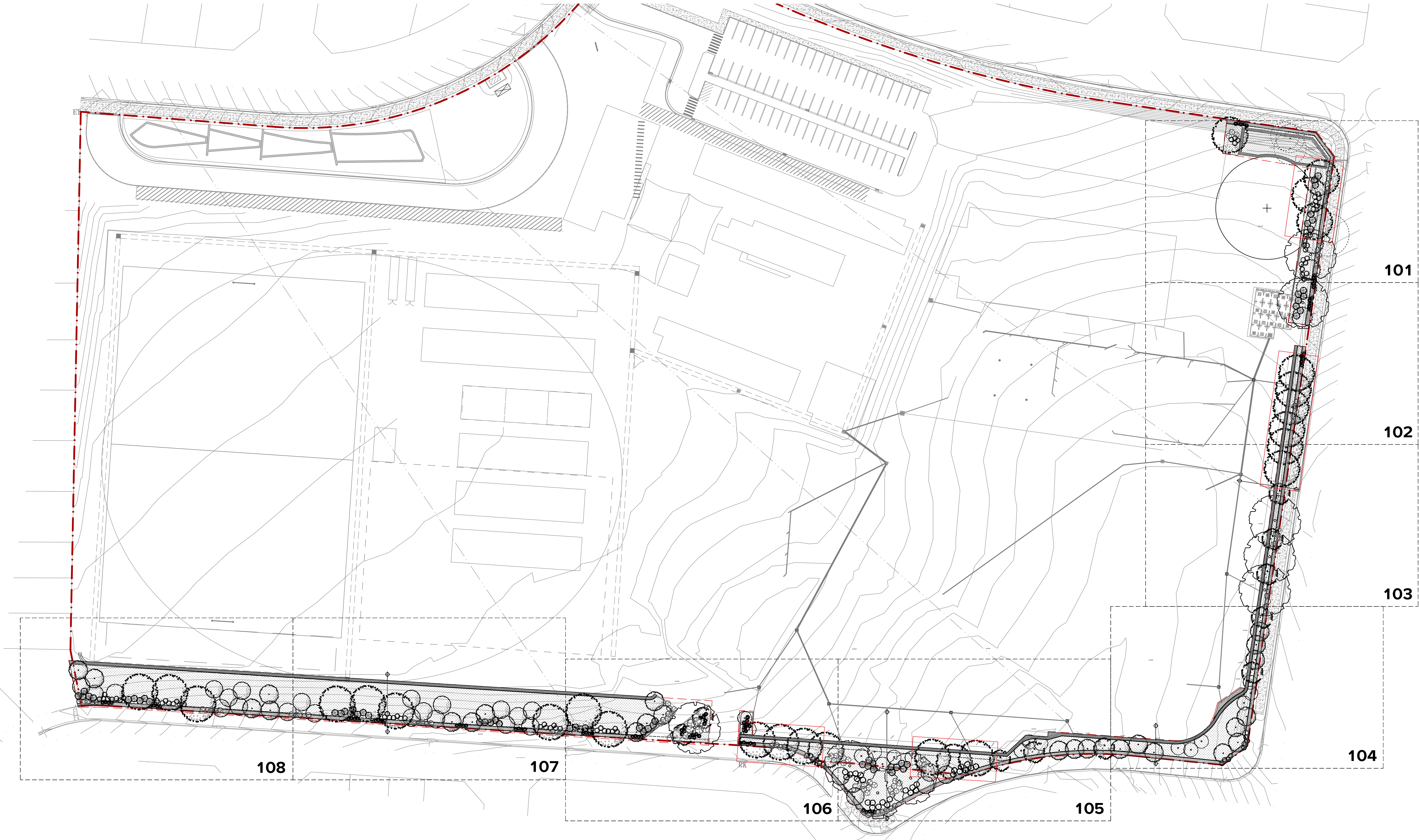
| CODE                          | BOTANIC NAME                               | COMMON NAME                | MATURE SIZE<br>(h x w) (m) | PROPOSED POT SIZE | QUANTITY |
|-------------------------------|--|----------------------------|----------------------------|-------------------|----------|
| TREES & PALMS                 |  |                            |                            |                   |          |
| As                            | <i>Acmena smithii</i> 'Sublime'            | Sublime Lilly Pilly        | 5 x 2-3                    | 100LT             | 3        |
| Bi                            | <i>Banksia integrifolia</i>                | Coastal Banksia            | 6 x 1-2                    | 100LT             | 8        |
| Er                            | <i>Elaeocarpus reticulatus</i>             | Blueberry Ash              | 8-10 x 3-5                 | 100LT             | 27       |
| Ec                            | <i>Eucalyptus caesia</i> 'Silver Princess' | Silver Princess Gum        | 6-8 x 3-4                  | 100LT             | 16       |
| Lc                            | <i>Lophostemon confertus</i>               | Brush Box                  | 8-12 x 5-7                 | 100LT             | 26       |
| Md                            | <i>Melaleuca decora</i>                    | White Feather Honeymyrtle  | 10 x 5                     | 100LT             | 9        |
| Tl                            | <i>Tristaniaopsis laurina</i> 'Luscious'   | Luscious' Water Gum        | 7-12 x 5                   | 100LT             | 25       |
| SHRUBS & ACCENTS              |  |                            |                            |                   |          |
| 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 & GROUND COVER MATRIX |  |                            |                            |                   |          |
| Pg                            | <i>Pycnosorus globosus</i>                 | Billy Buttons              | 0.3-1 x 0.2-0.5            | 200mm             | 2057     |
| Sc                            | <i>Santolina chamaecyparissus</i>          | Cotton Lavender            | 0.7 x 1                    | 200mm             | 1960     |
| Ll                            | <i>Lomandra longifolia</i>                 | Spiny-Head Mat Rush        | 1.2 x 1                    | 5LT               | 2940     |
| Ta                            | <i>Themeda australis</i>                   | Kangaroo Grass             | 1.5 x 0.5                  | 5LT               | 2940     |
| Mp                            | <i>Myoporum parvifolium</i> 'Yareena'      | Yareena Creeping Boobialla | 0.10 x 3                   | 140mm             | 2940     |
| GROUND COVER MATRIX           |  |                            |                            |                   |          |
| Cr                            | <i>Carpobrotus rossii</i>                  | Pigface                    | 0.2 x 2                    | 140mm             | 284      |
| Dr                            | <i>Dichondra repens</i>                    | Kidney Weed                | 0.05-0.15 x 2              | 140mm             | 426      |
| Hs                            | <i>Hibbertia scandens</i>                  | Guinea Flower              | 0.5-3 x 1-5                | 140mm             | 426      |
| Llc                           | <i>Lomandra confertifolia</i> 'Little Con' | Little Con Mat Rush        | 0.3-0.4 x 0.3-0.7          | 5LT               | 426      |
| Mp                            | <i>Myoporum parvifolium</i> 'Yareena'      | Yareena Creeping Boobialla | 0.10 x 3                   | 140mm             | 3237     |
| 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      |
| Ca                            | <i>Carex appressa</i>                      | Tall Sedge                 | 1 x 1                      | 150mm             | 348      |
| Fn                            | <i>Ficinia nodosa</i>                      | Knobby Club Rush           | 1 x 1                      | 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 microtuberosum</i>           | Water Ribbons              | 1.5 x 1                    | 150mm             | 132      |



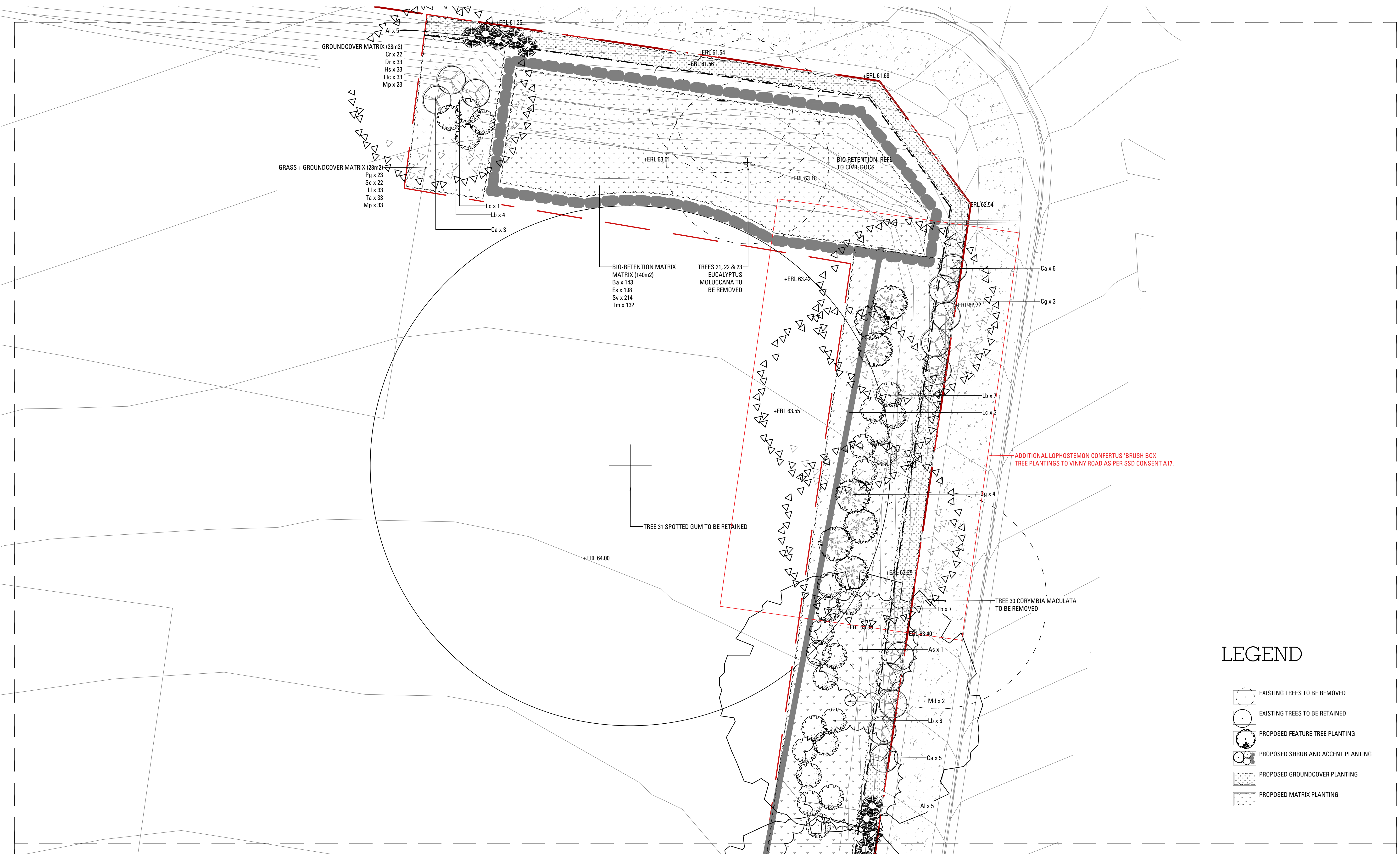
A black and white photograph of a modern outdoor patio. In the foreground, a bird is perched on the edge of a wooden table. To the left, a tree with long, thin leaves hangs over the patio. In the background, there is a wooden fence and a building. The word "APPENDIX" is written in white capital letters on the left side of the image.

# APPENDIX







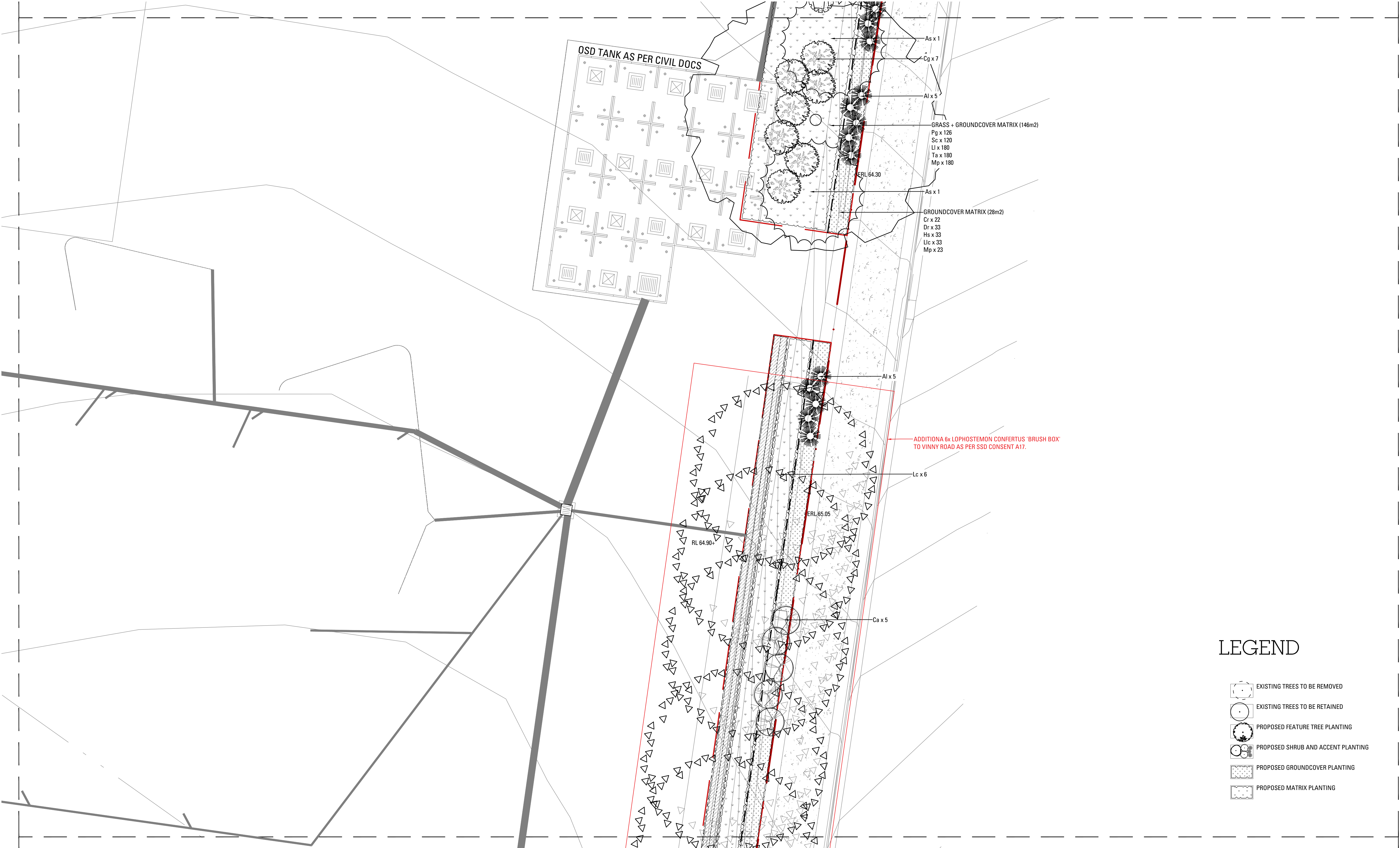


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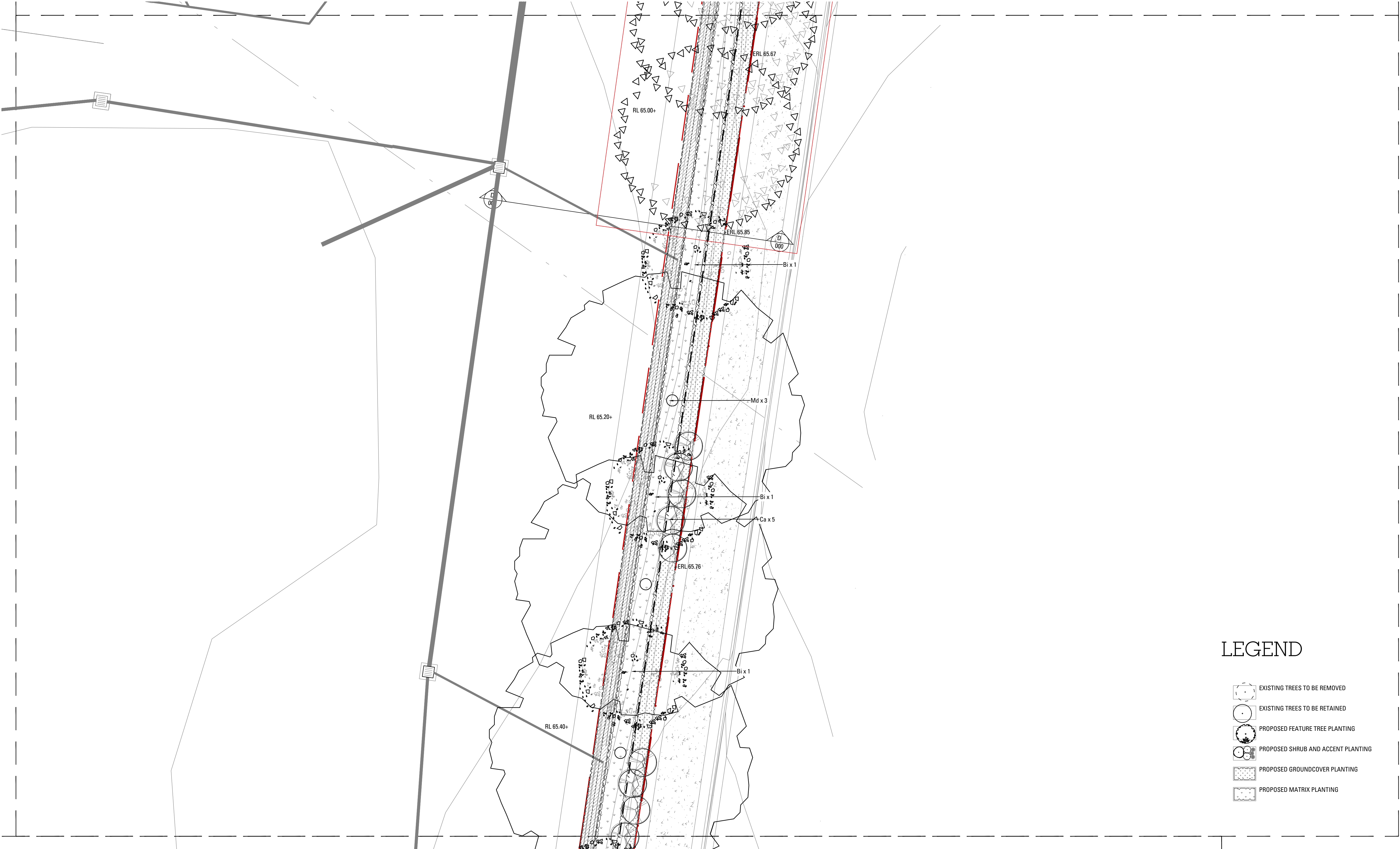
- EXISTING TREES TO BE REMOVED
- EXISTING TREES TO BE RETAINED
- PROPOSED FEATURE TREE PLANTING
- PROPOSED SHRUB AND ACCENT PLANTING
- PROPOSED GROUND COVER PLANTING
- PROPOSED MATRIX PLANTING









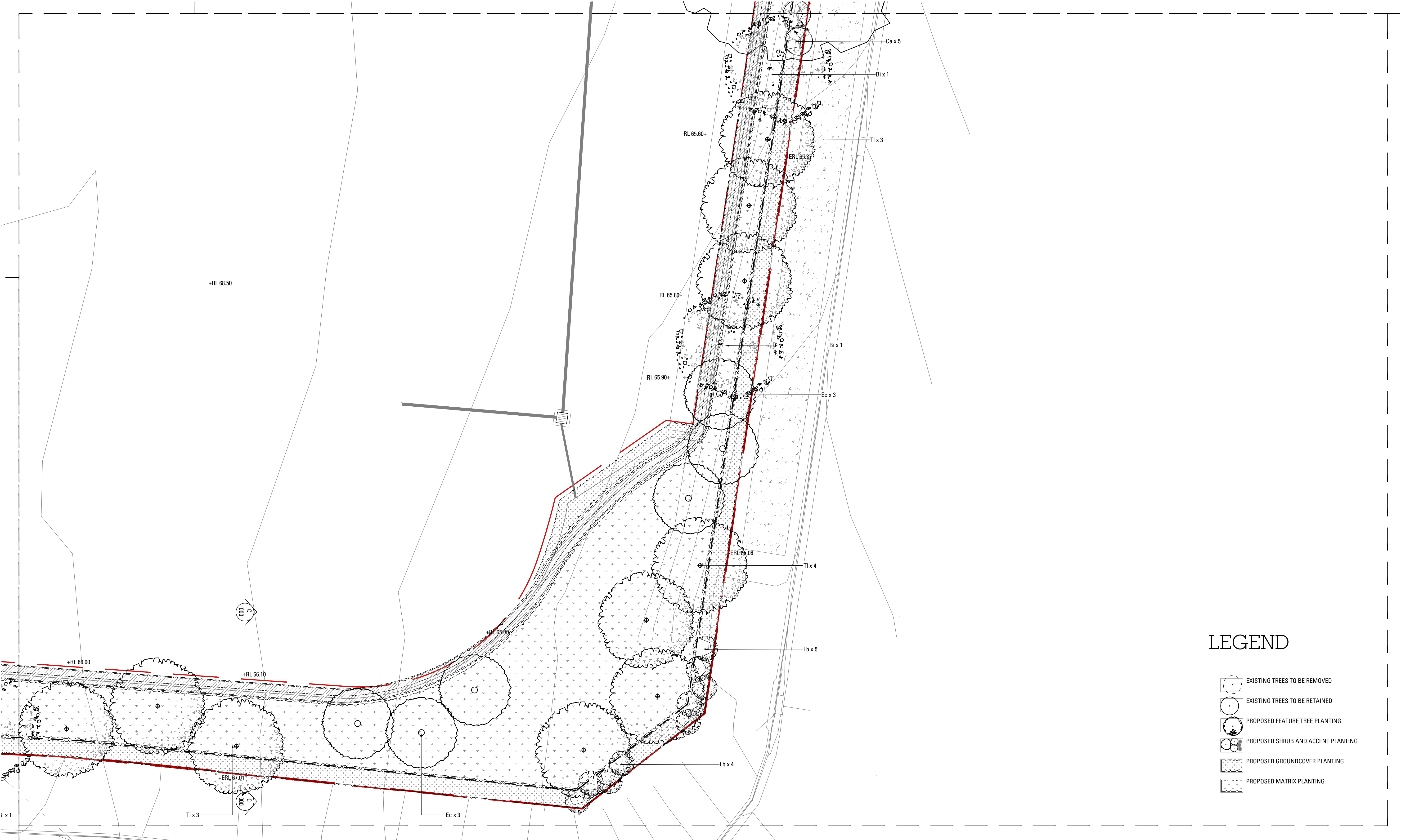


LEGEND

- EXISTING TREES TO BE REMOVED
- EXISTING TREES TO BE RETAINED
- PROPOSED FEATURE TREE PLANTING
- PROPOSED SHRUB AND ACCENT PLANTING
- PROPOSED GROUNDCOVER PLANTING
- PROPOSED MATRIX PLANTING





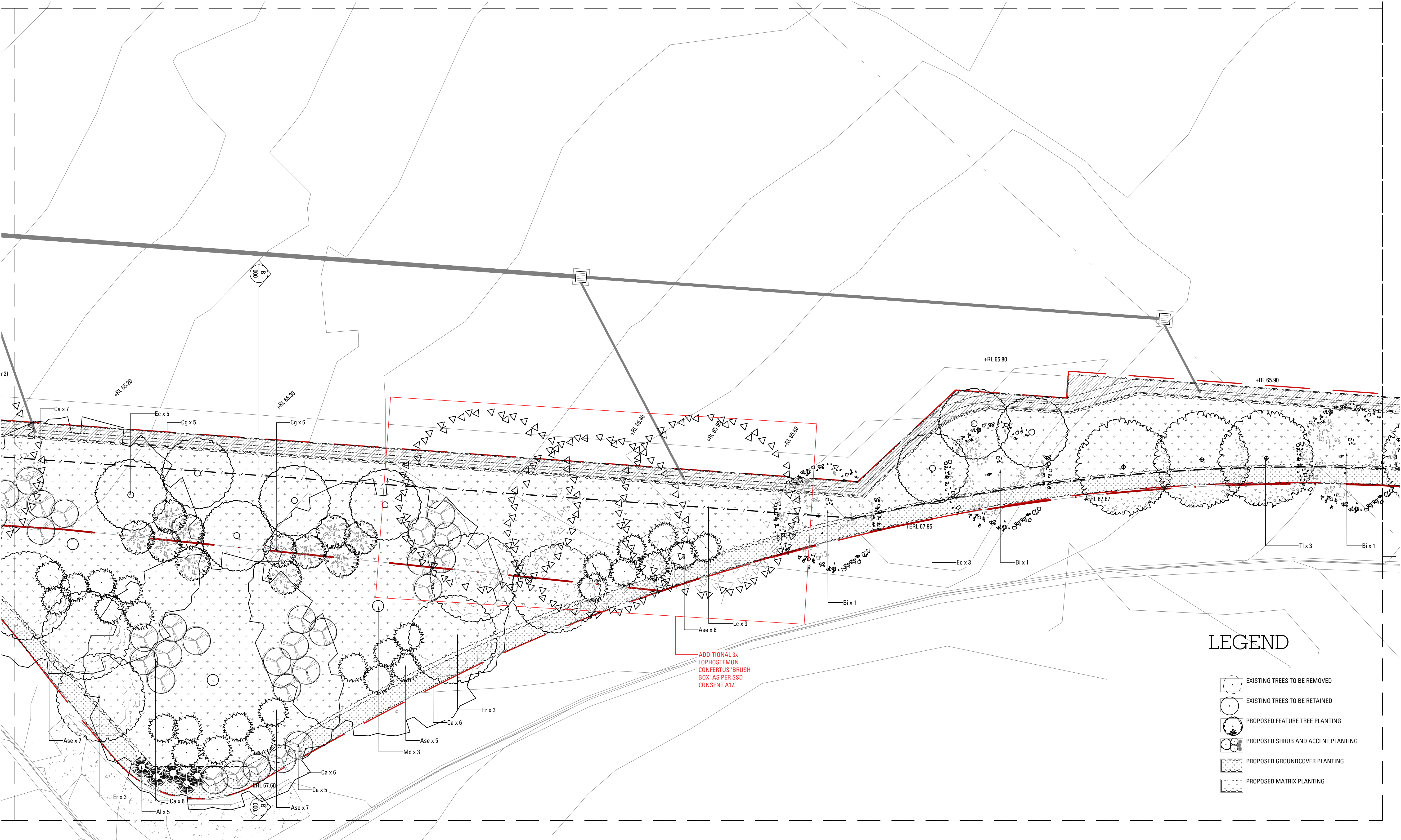


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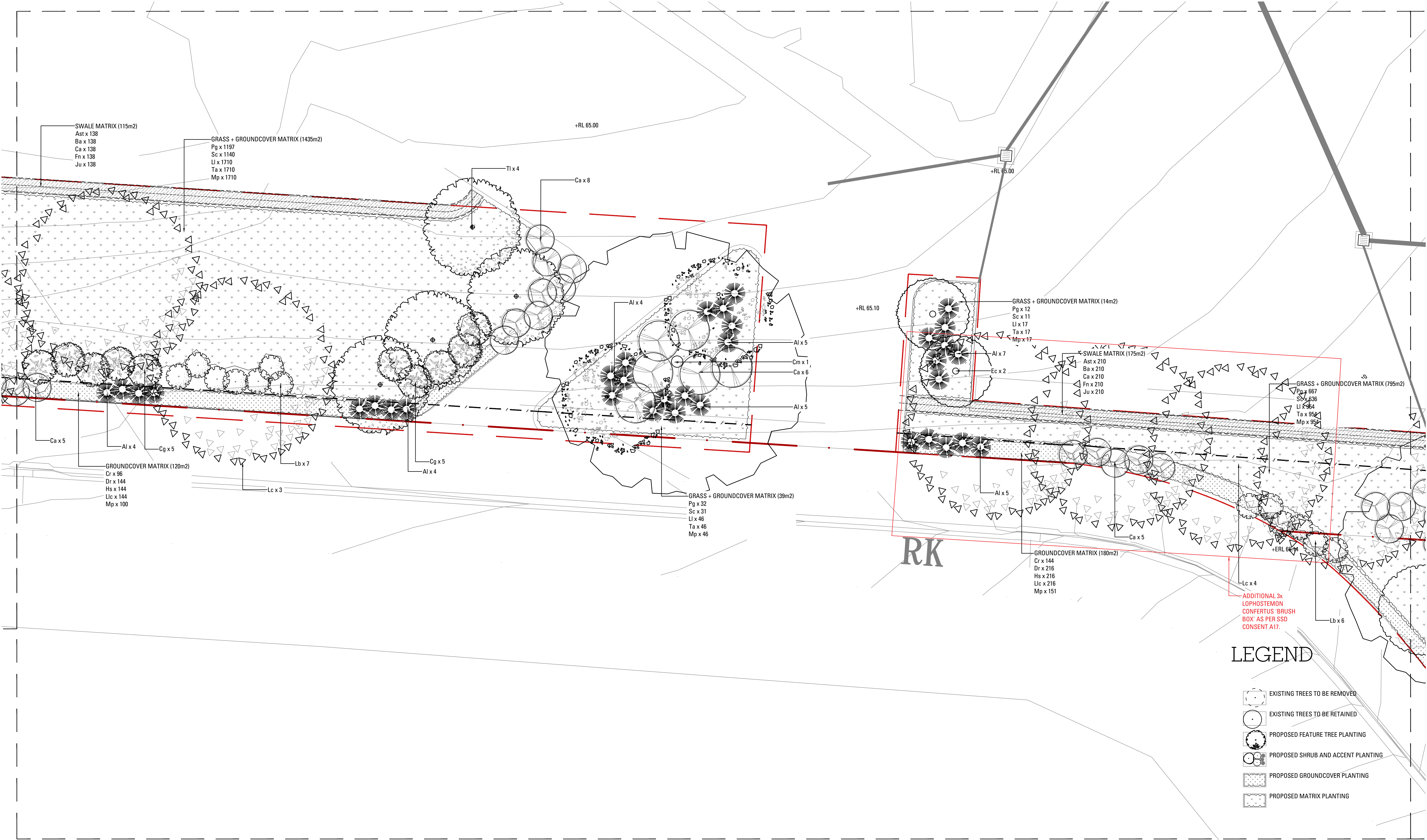
- EXISTING TREES TO BE REMOVED
- EXISTING TREES TO BE RETAINED
- PROPOSED FEATURE TREE PLANTING
- PROPOSED SHRUB AND ACCENT PLANTING
- PROPOSED GROUNDCOVER PLANTING
- PROPOSED MATRIX PLANTING



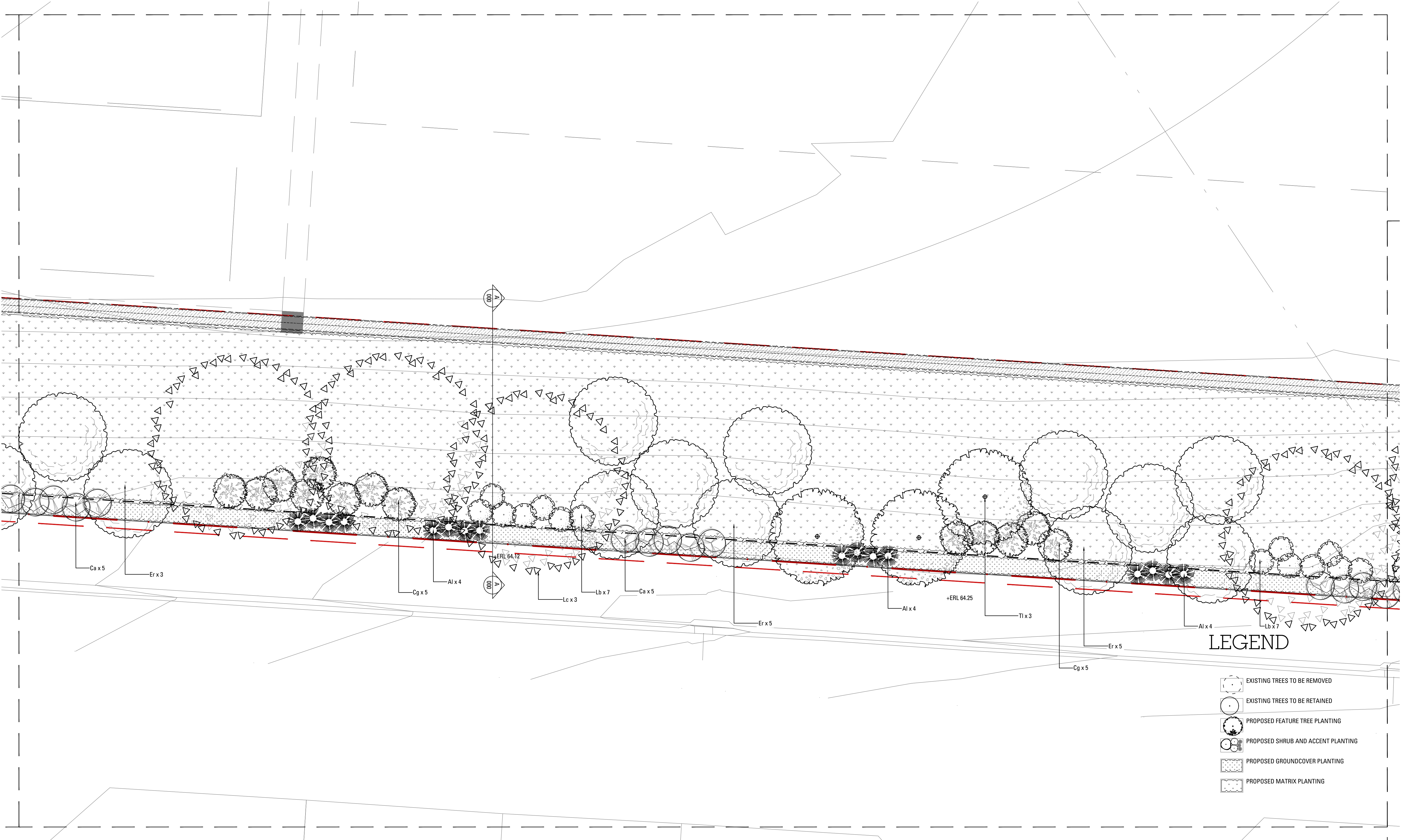










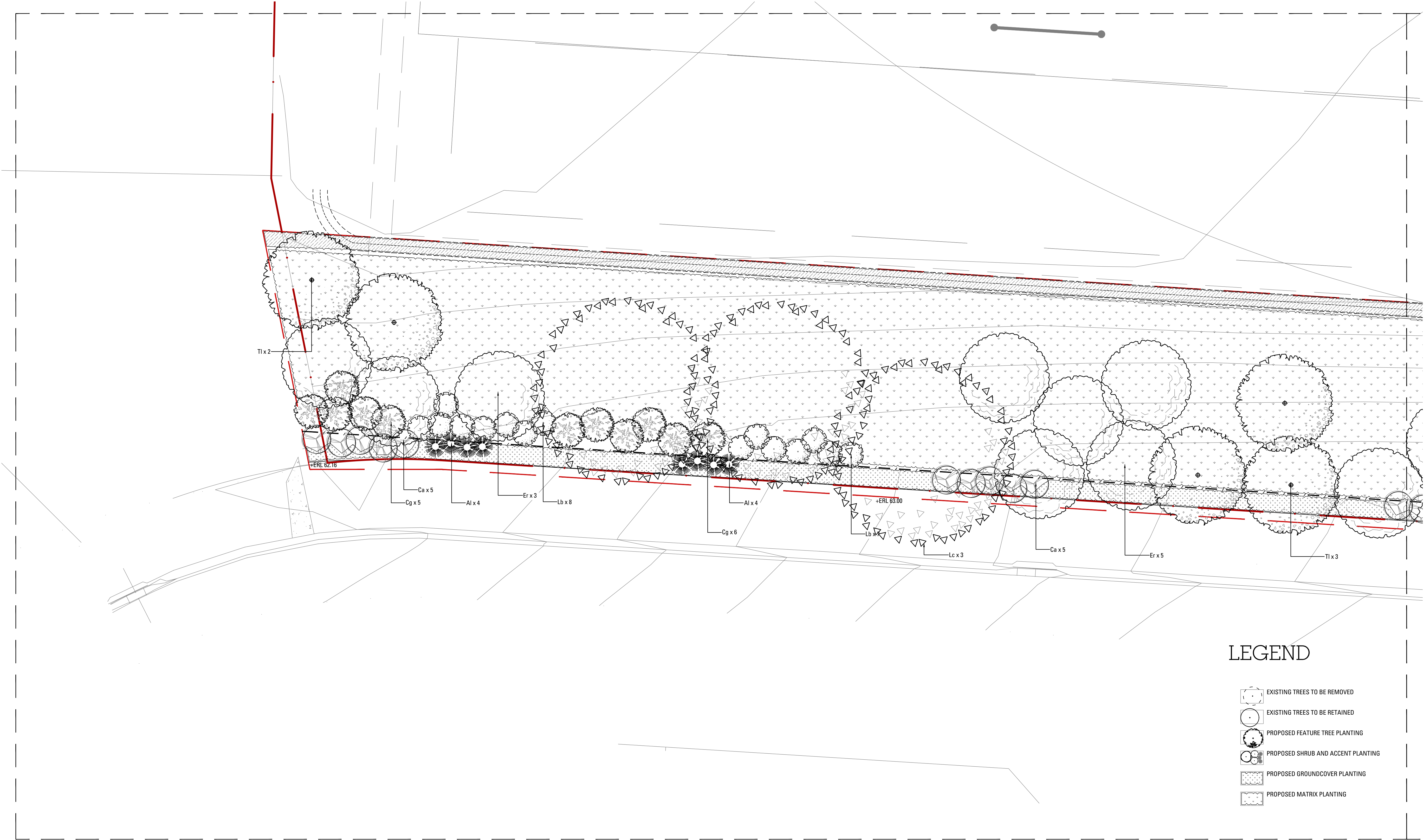


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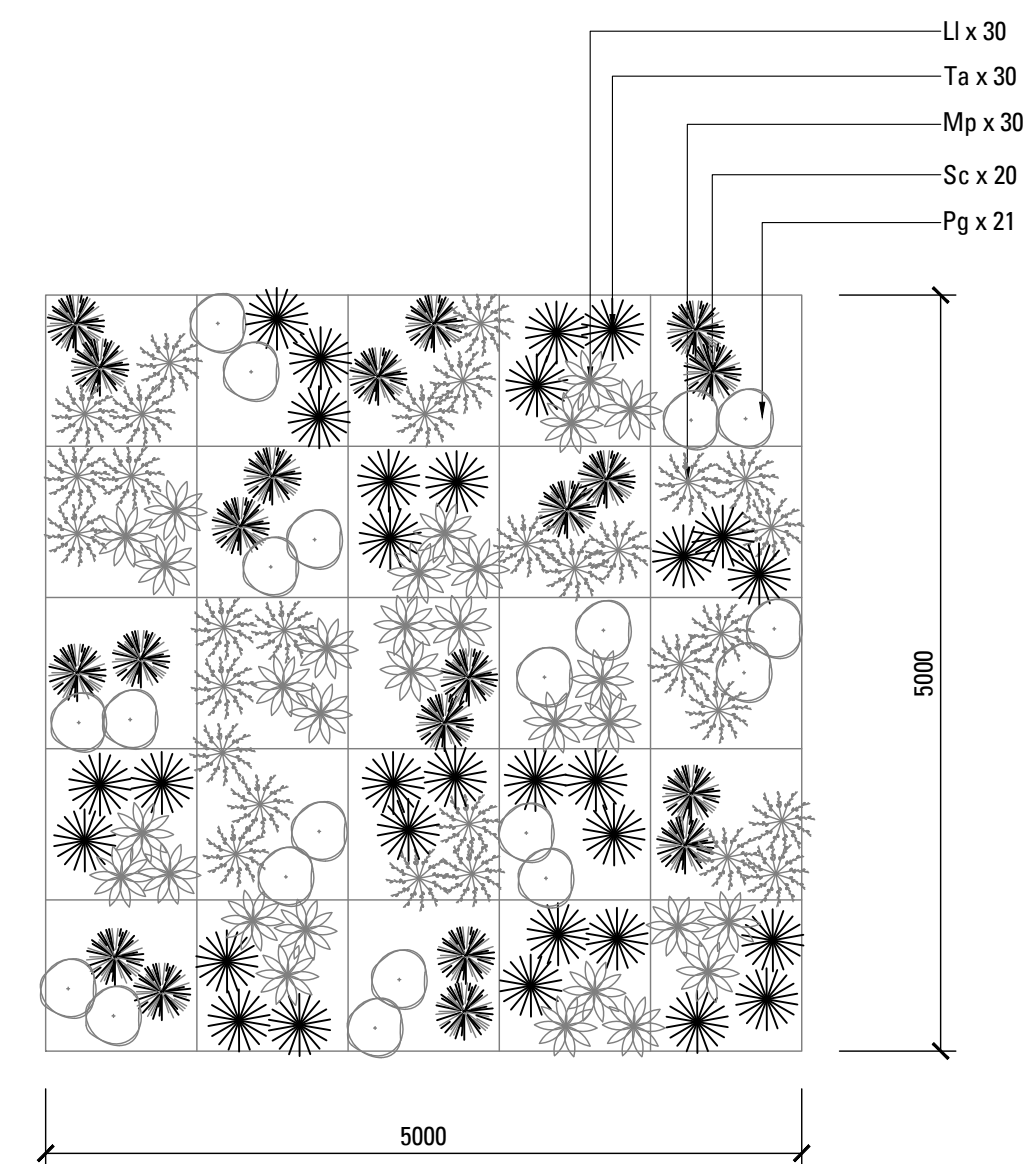
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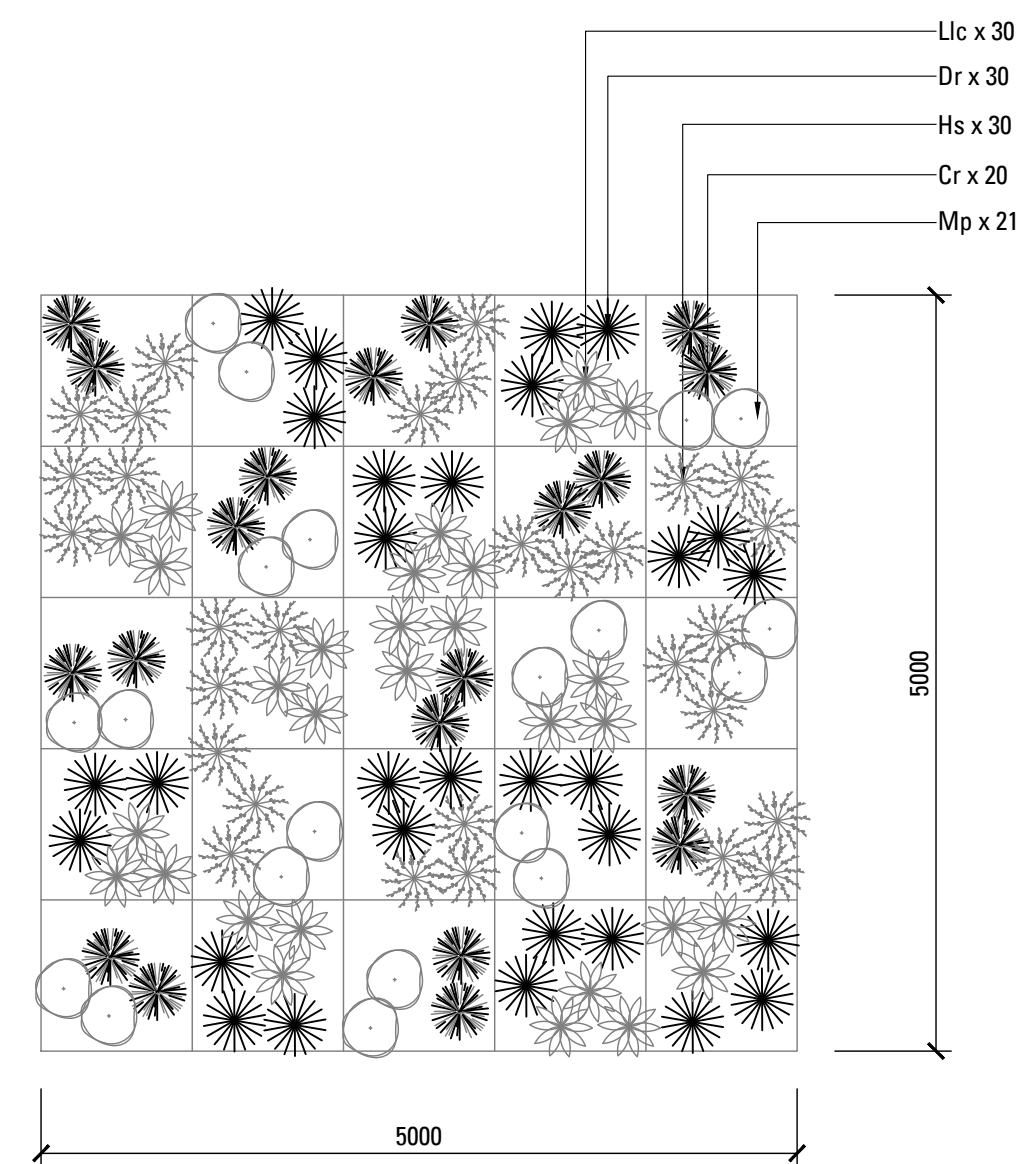






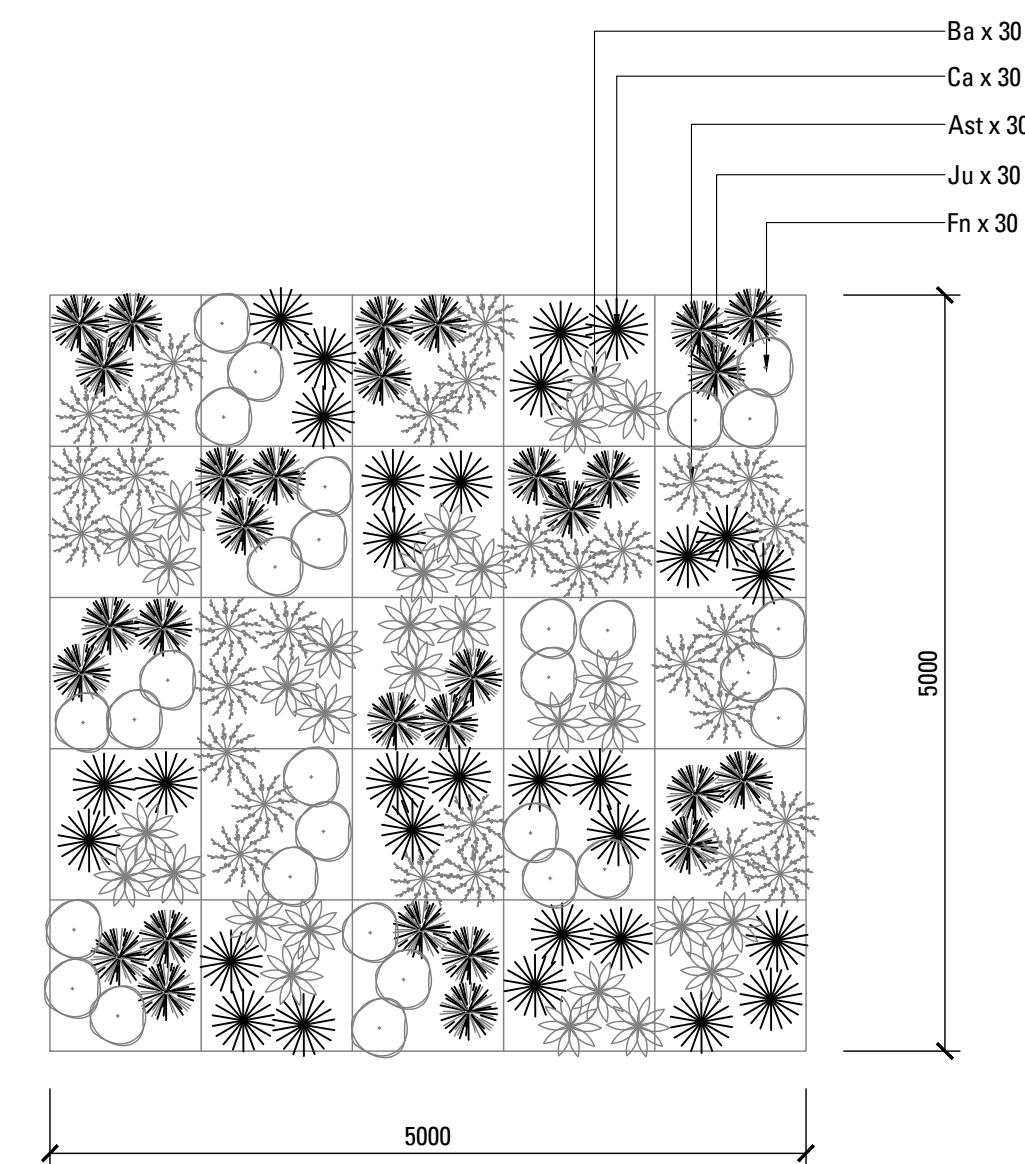
01 NATIVE GRASSES + GROUNDCOVER MATRIX - 5m x 5m  
SCALE 1:50

NOTE: DETAIL IS INDICATIVE ONLY,  
PLANT ALL SPECIES RANDOMLY AT  
AM OVERALL RATE OF 6/m<sup>2</sup>



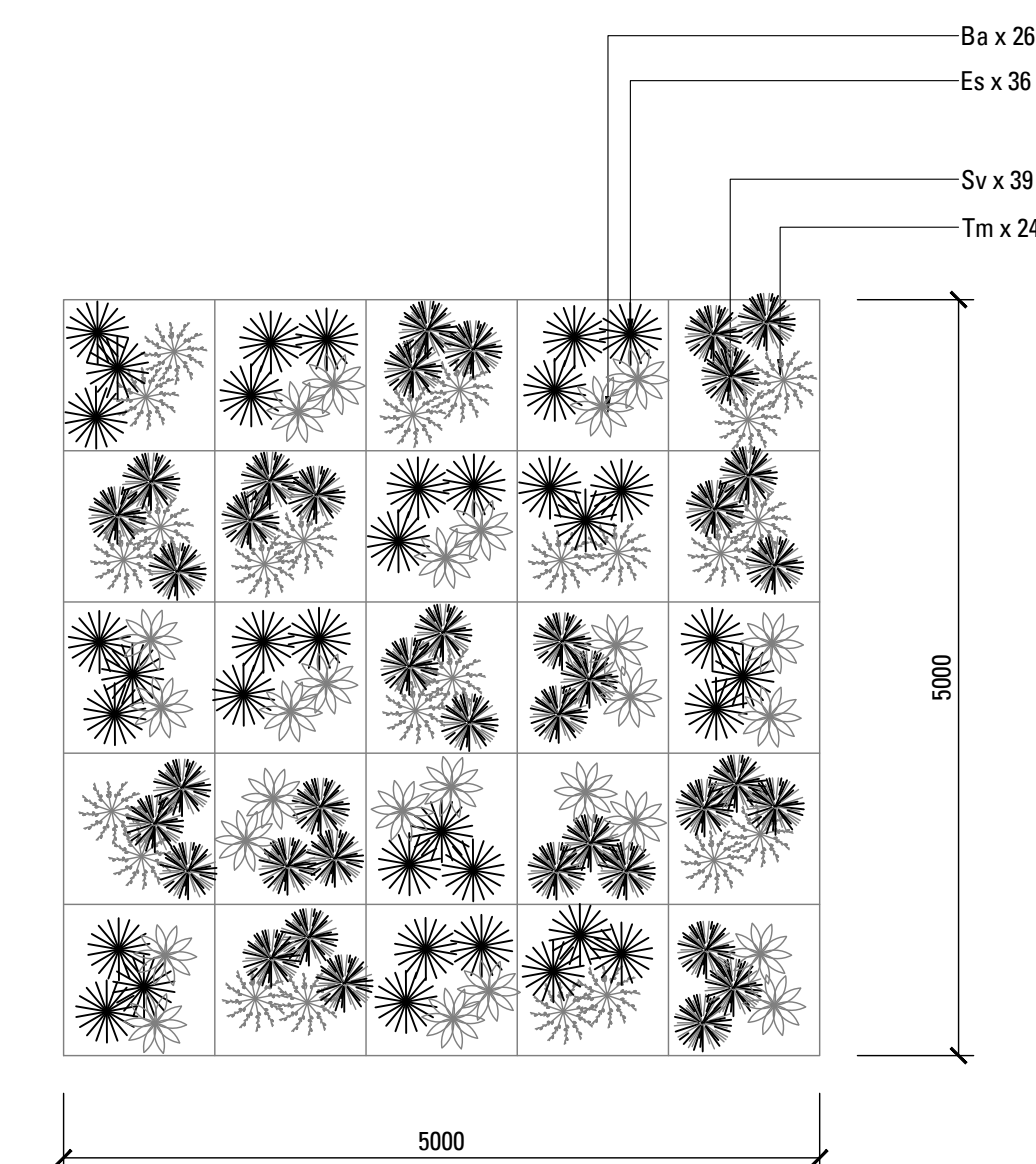
02 GROUNDCOVER MATRIX - 5m x 5m  
SCALE 1:50

NOTE: DETAIL IS INDICATIVE ONLY,  
PLANT ALL SPECIES RANDOMLY AT  
AM OVERALL RATE OF 6/m<sup>2</sup>



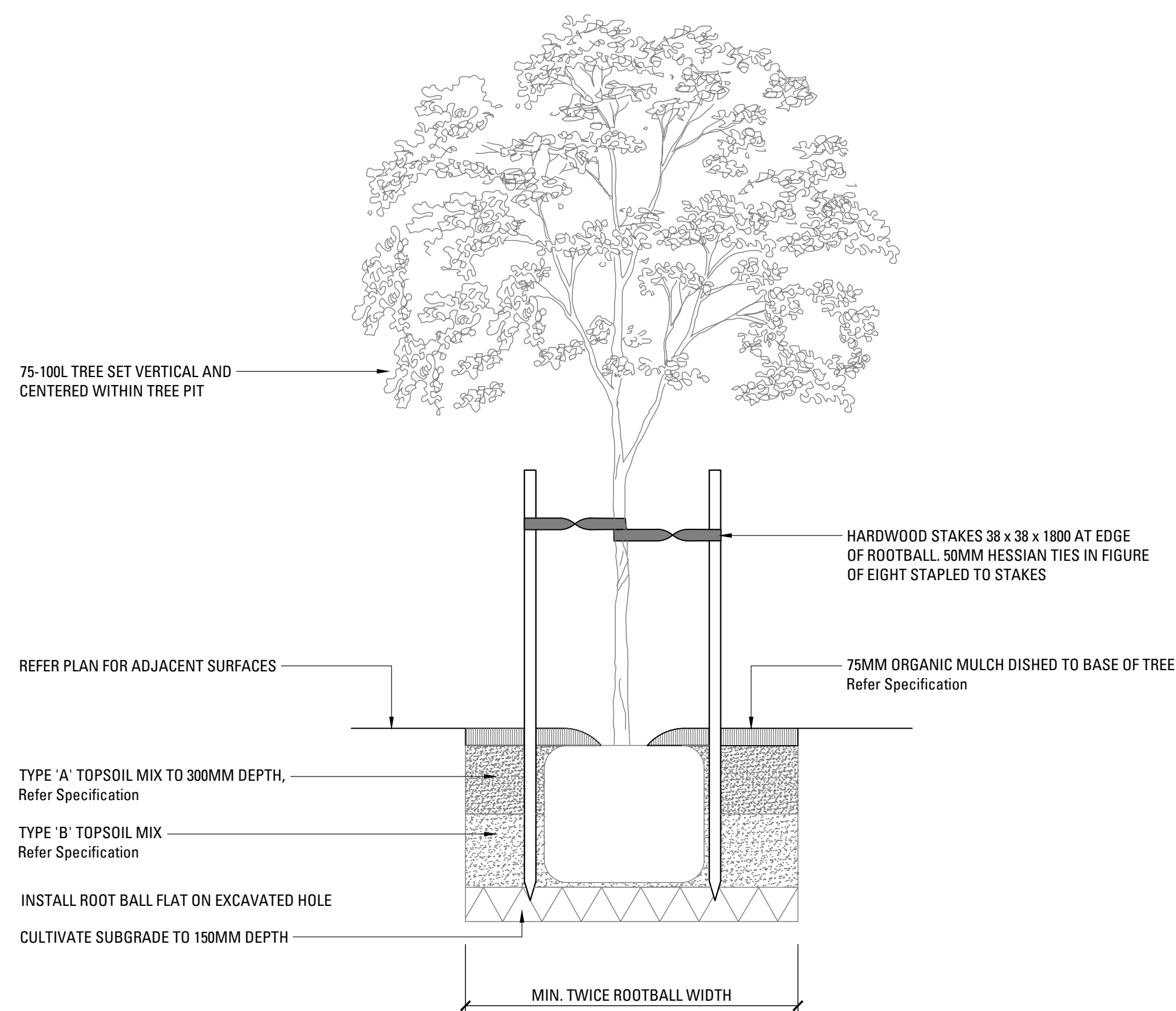
03 SWALE MATRIX - 5m x 5m  
SCALE 1:50

NOTE: DETAIL IS INDICATIVE ONLY,  
PLANT ALL SPECIES RANDOMLY AT  
AM OVERALL RATE OF 6/m<sup>2</sup>

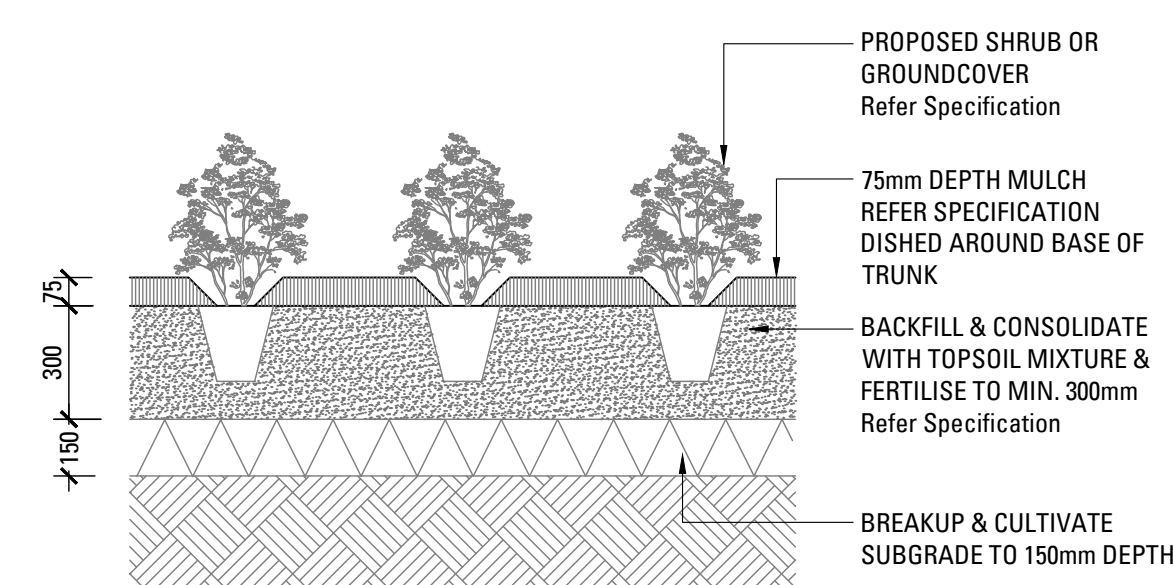


06 BIORETENTION MATRIX - 5m x 5m  
SCALE 1:50

NOTE: DETAIL IS INDICATIVE ONLY,  
PLANT ALL SPECIES RANDOMLY AT  
AM OVERALL RATE OF 6/m<sup>2</sup>



04 TREE PLANTING 75-100L  
SCALE 1:20



05 SHRUB OR GROUNDCOVER IN PLANTING BED  
SCALE 1:20





A black and white photograph of a modern outdoor patio area. In the foreground, a willow tree with long, thin leaves hangs down from the top left. The patio features a wooden railing and a wooden bench. In the background, a modern building with large windows and a balcony is visible. The word "ARCADIA" is written in white, uppercase letters, underlined, across the center of the image.

# ARCADIA