



Yiribana Logistics Estate  
**Landscape SSDA\_Estate Masterplan**  
June 2022



SITE IMAGE  
Landscape Architects



The GPT Group

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# Introduction

The Landscape Masterplan follows the ethos of the **Greener Places** framework developed by GANSW and incorporates the requirements and vision outlined in the **Mamre Road Precinct DCP**. The Landscape Masterplan aims to deliver a robust, sustainable and enduring landscape responding to its setting and the proposed built forms.

*The design incorporates the following principles to achieve the above outcomes:*

- Soften the built form and ameliorate the views through the use of canopy trees and large shrubs
- Utilise native and endemic species to help reestablish fragmented bushland and increase ecology and biodiversity throughout the site
- Create legibility and hierarchy across the lots through varied landscape typologies
- Increase tree canopy coverage
- Creating an attractive landscape setting for workers and visitors of the site

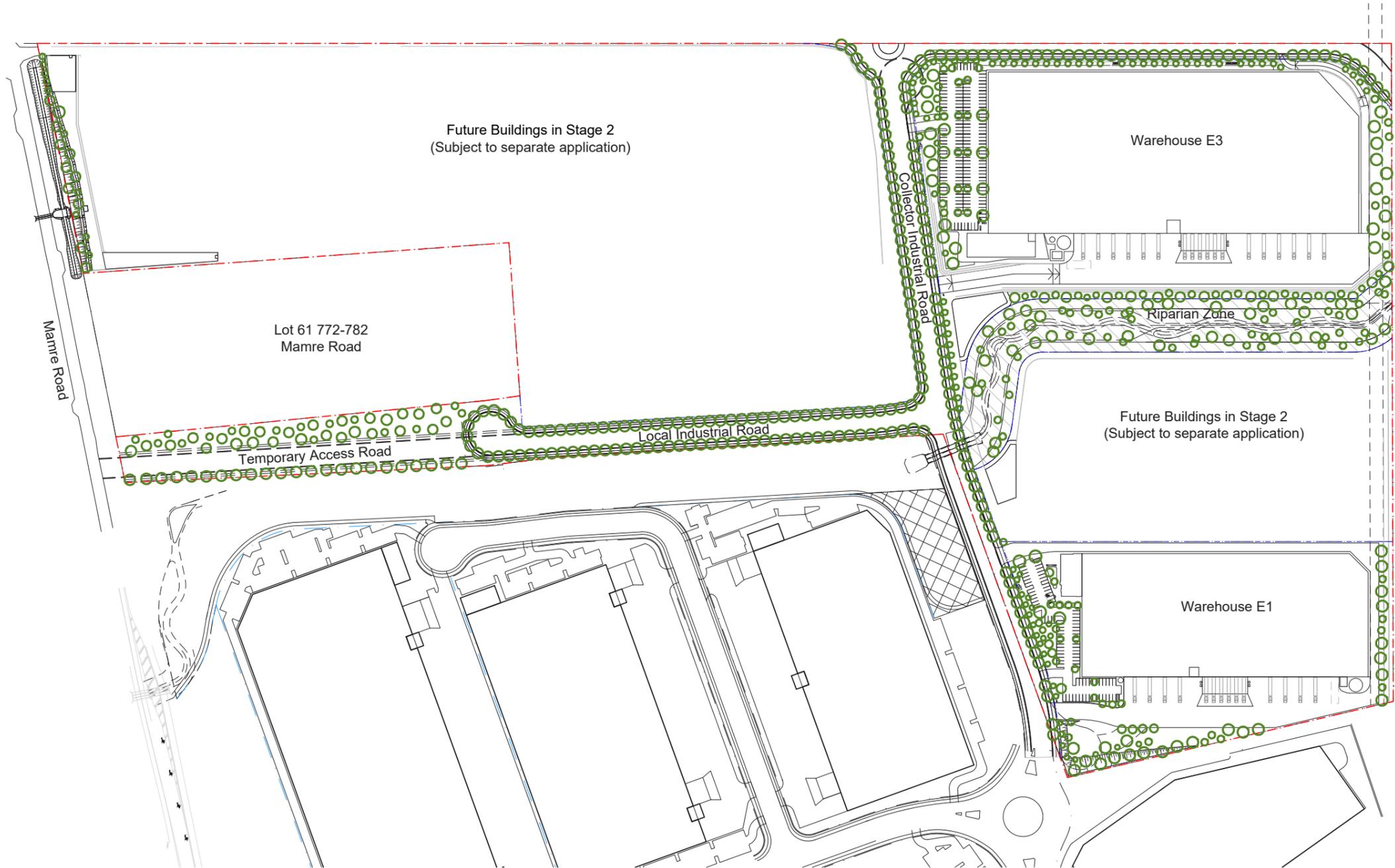


**Masterplan**  
Landscape Concept Masterplan



# Masterplan

## Tree Canopy Coverage



### Landscaping Strategy

Trees are proposed throughout landscaped areas. Generous tree canopy along streetscapes, carparks and amenity areas will provide amenity cooling and shade. As noted in the Bush Fire Assessment Report by Bushfire Consulting Services the full site is required to be managed as an Inner Protection Zone this has driven the planting design to fulfil the following key requirements

- Tree canopy cover should be less than 15% at maturity;
- Tree canopies should be separated by 2 to 5m;
- Shrubs should not be located under trees

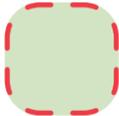
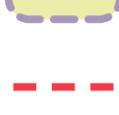
Site Area	331433 m <sup>2</sup>
Canopy Area	23,448sqm
Canopy Coverage	7 %



# Masterplan / Landscape Typologies



## Legend

-  Boundary Planting
-  Bio Basin
-  Riparian Zone
-  Streetscape
-  Collector Road
-  Local Road
-  Mamre Road Frontage
-  GPT Estate Boundary
-  Lot Boundaries



# Masterplan / Streetscape



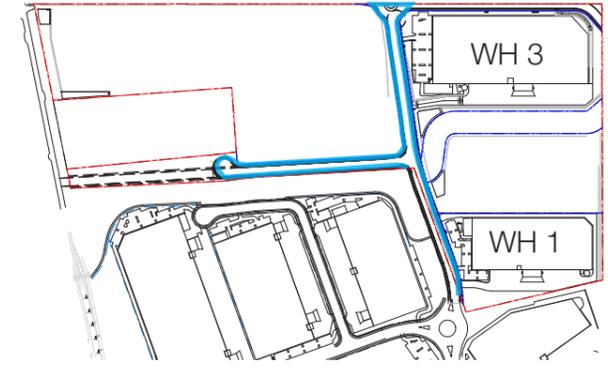
Character imagery



Low maintenance ground covers and grasses to understory



Large canopy trees evenly spaced along entirety of street

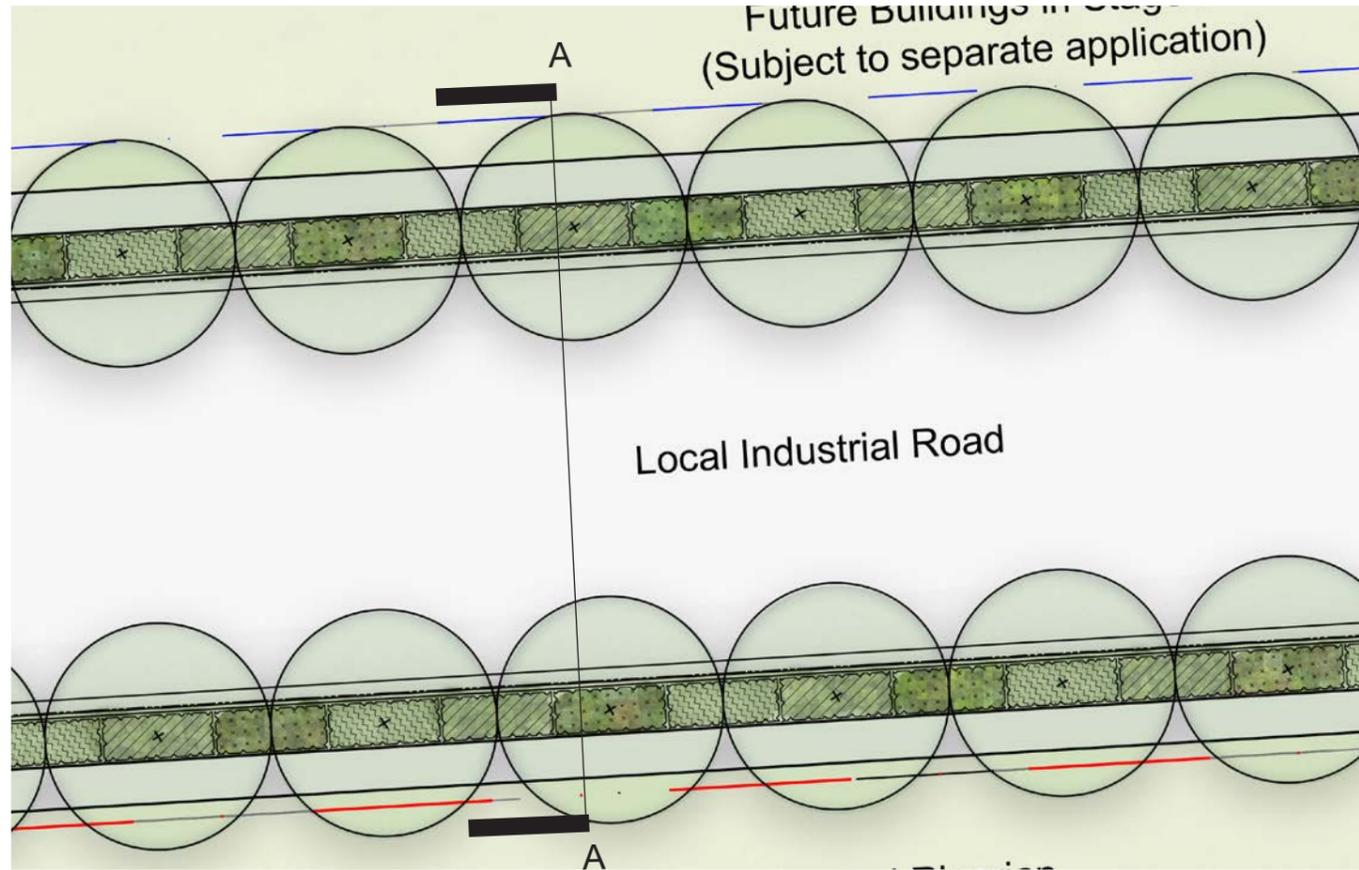


## Landscape Strategy

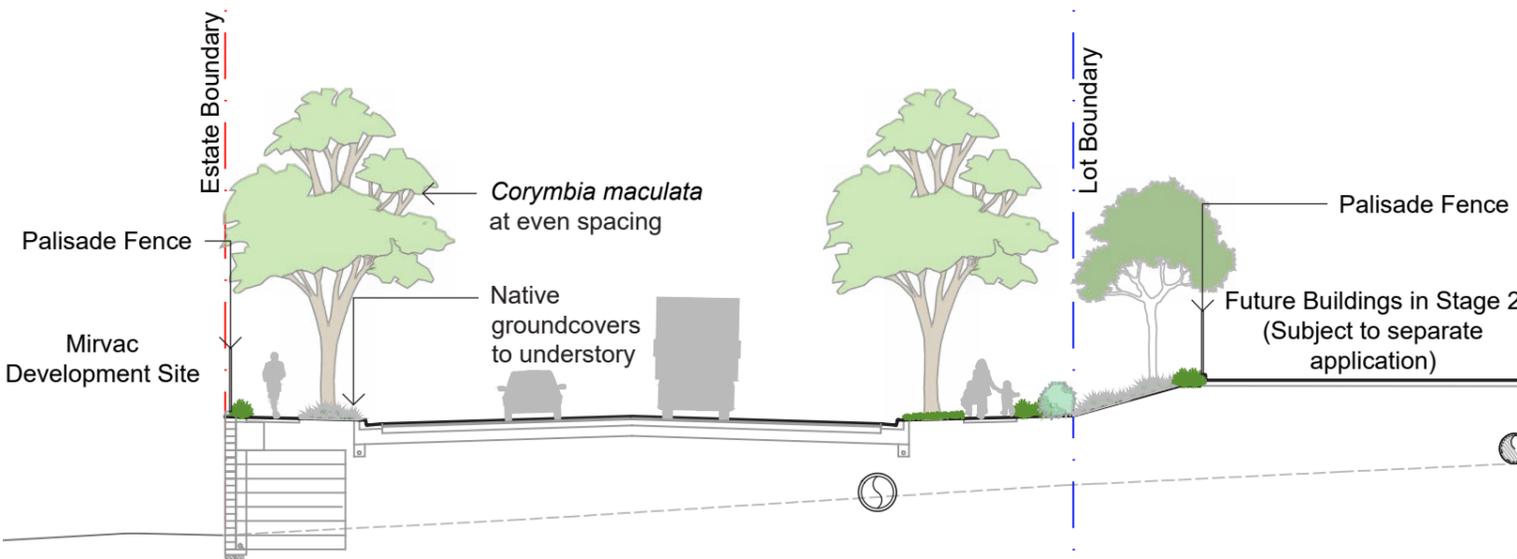
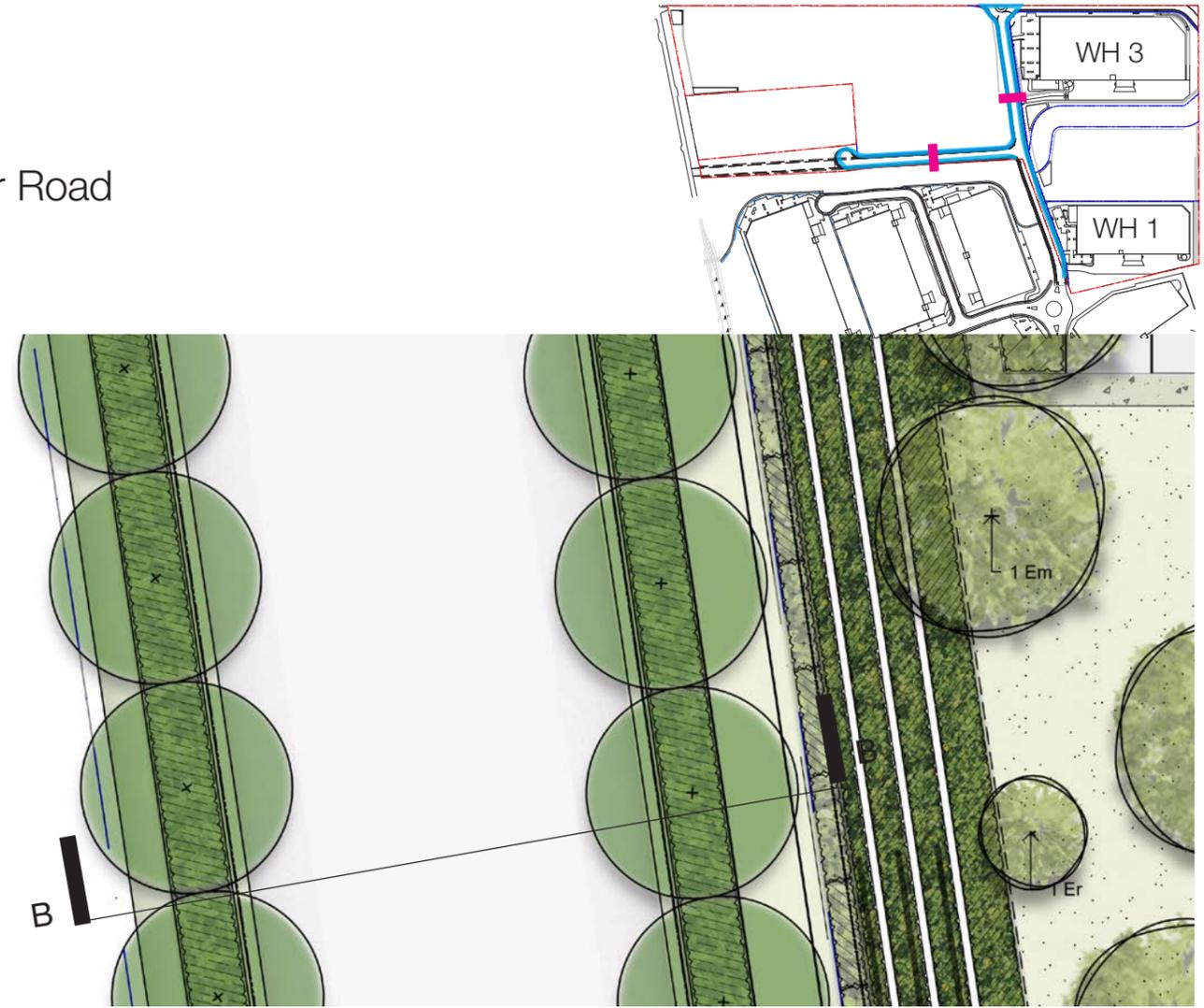
The Streetscape landscape treatment is the main presentational frontage of lots to the access roads. Roads are to feature street tree planting to both sides as well as groundcovers. The frontage will consist of a variety of native shrubs, groundcovers, and canopy trees. Security fencing is to be positioned amongst the landscape to recede into the planting.

# Masterplan / Streetscape

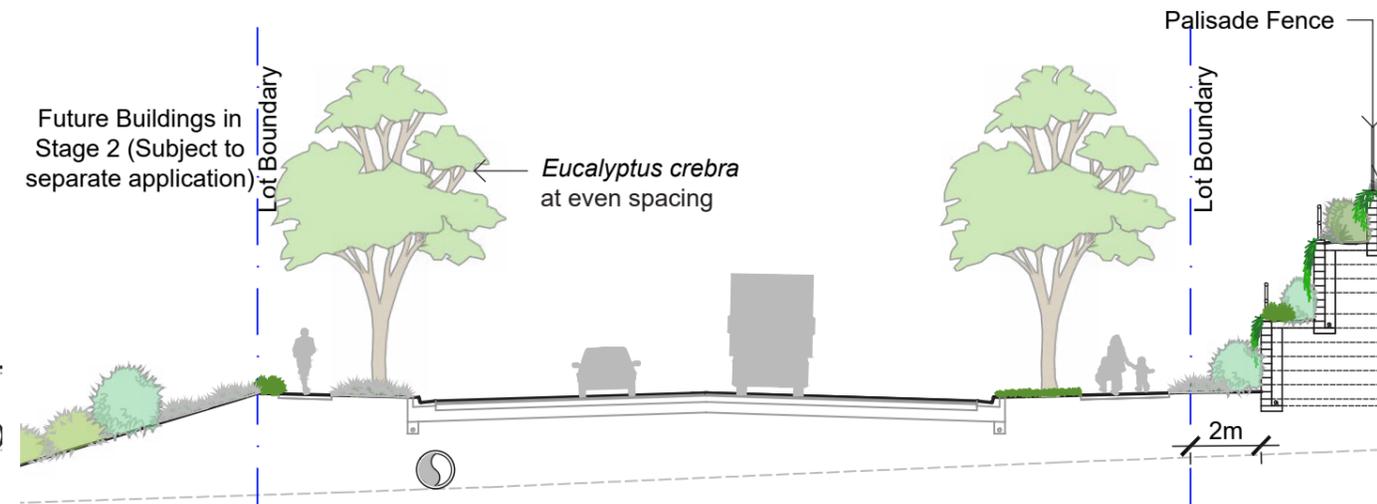
## Local Road



## Collector Road



Section A | Typical Streetscape Cross Section  
Scale 1:200



Section B | Typical Streetscape Cross Section  
Scale 1:200

# Masterplan / Streetscape Planting

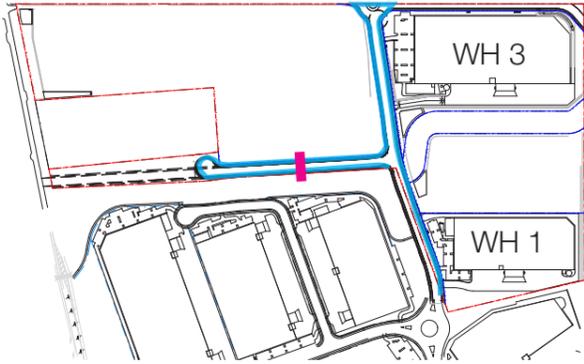
Indicative Species



Corymbia maculata



Eucalyptus crebra



Themeda australis



Gazania tomentosa



Myoporum parvifolium



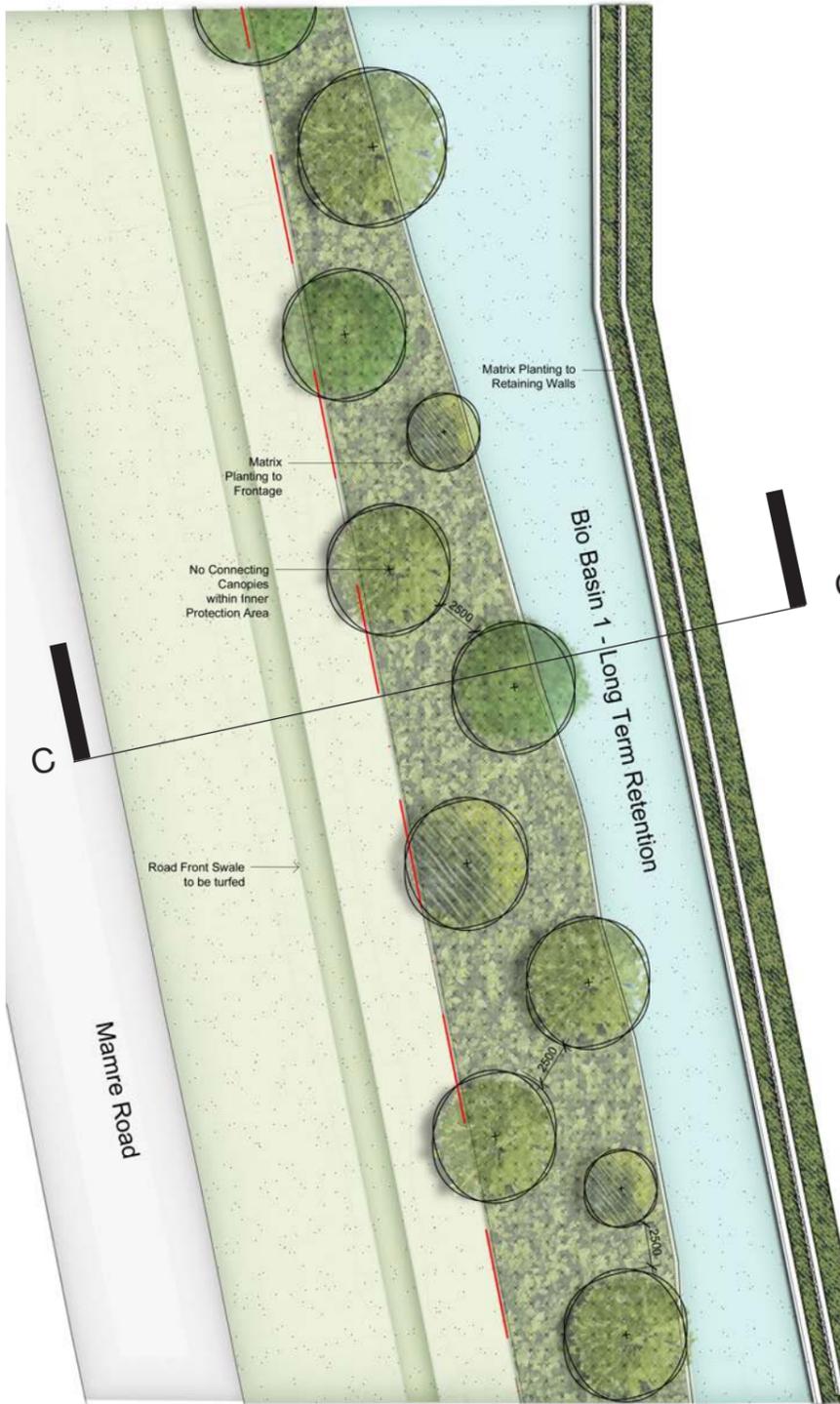
Lomandra longifolia



Dianella caerulea

Streetscape					
Code	Botanic Name	Common Name	Mature Size (h x w) (m)	Pot Size	Density
<b>TREES</b>					
Cm	Corymbia maculata	Spotted Gum	30 x 8	100L	As Shown
Ec	Eucalyptus crebra	Narrow Leaved Iron Bark	35	100L	As Shown
<b>GRASSES AND GROUNDCOVERS</b>					
Ta	Themeda australis	Kangaroo Grass	1 x .5	150mm	5/m <sup>2</sup>
Gt	Gazania tomentosa	Silver Gazania	.15 x 1	150mm	5/m <sup>2</sup>
Mp	Myoporum parvifolium	Creeping Boobialla	.3 x 2	150mm	5/m <sup>2</sup>
LI	Lomandra longifolia	Mat Rush	1 x 1	150mm	5/m <sup>2</sup>
Dc	Dianella caerulea	Flax Lily	0.8x 0.5	150mm	5/m <sup>2</sup>

# Masterplan / Mamre Road Frontage



## Character imagery



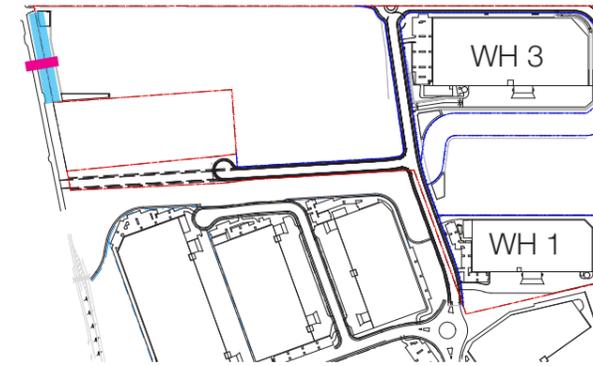
Mix of large canopy trees & medium trees



Mounding to further soften visual impact of retaining walls



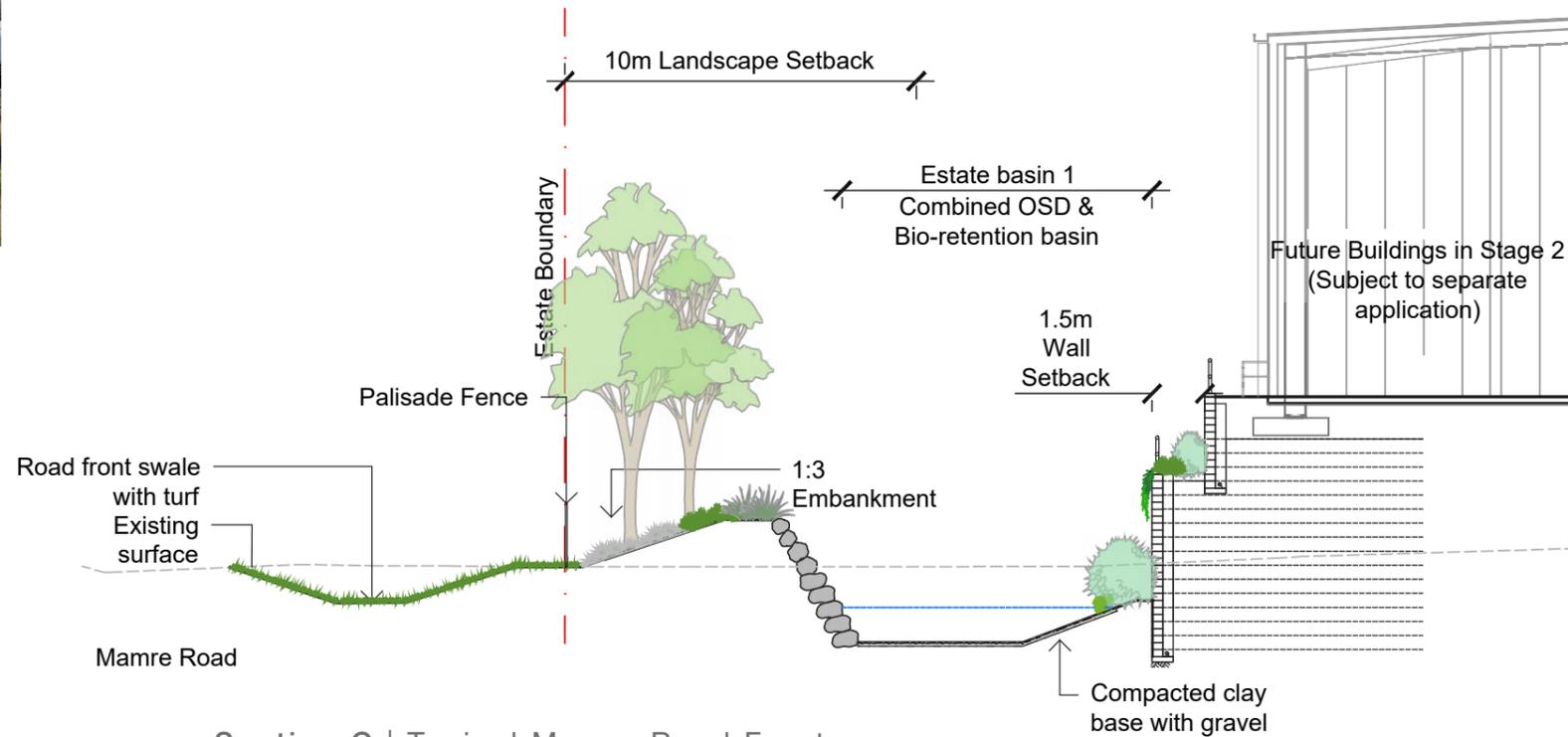
Native understory planting



## Landscape Strategy

Embankments facing Mamre Rd will have planting of shrubs, grasses, groundcovers and large canopy trees.

A long term retention basin will have gravel to the base with shrub planting above the water line to screen the adjacent retaining wall.



Section C | Typical Mamre Road Frontage  
Scale 1:200

# Masterplan / Mamre Road Frontage Planting

## Indicative Species



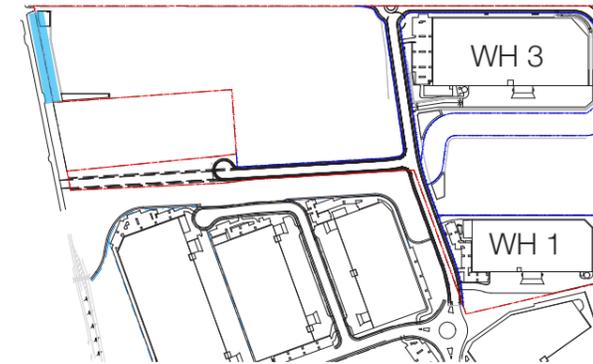
*Angophora costata*



*Eucalyptus moluccana*



*Melaleuca styphelioides*



*Atriplex nummularia*



*Baeckea virgata*



*Daviesia ulicifolia*



*Doryanthes excelsa*



*Imperata cylindrica*

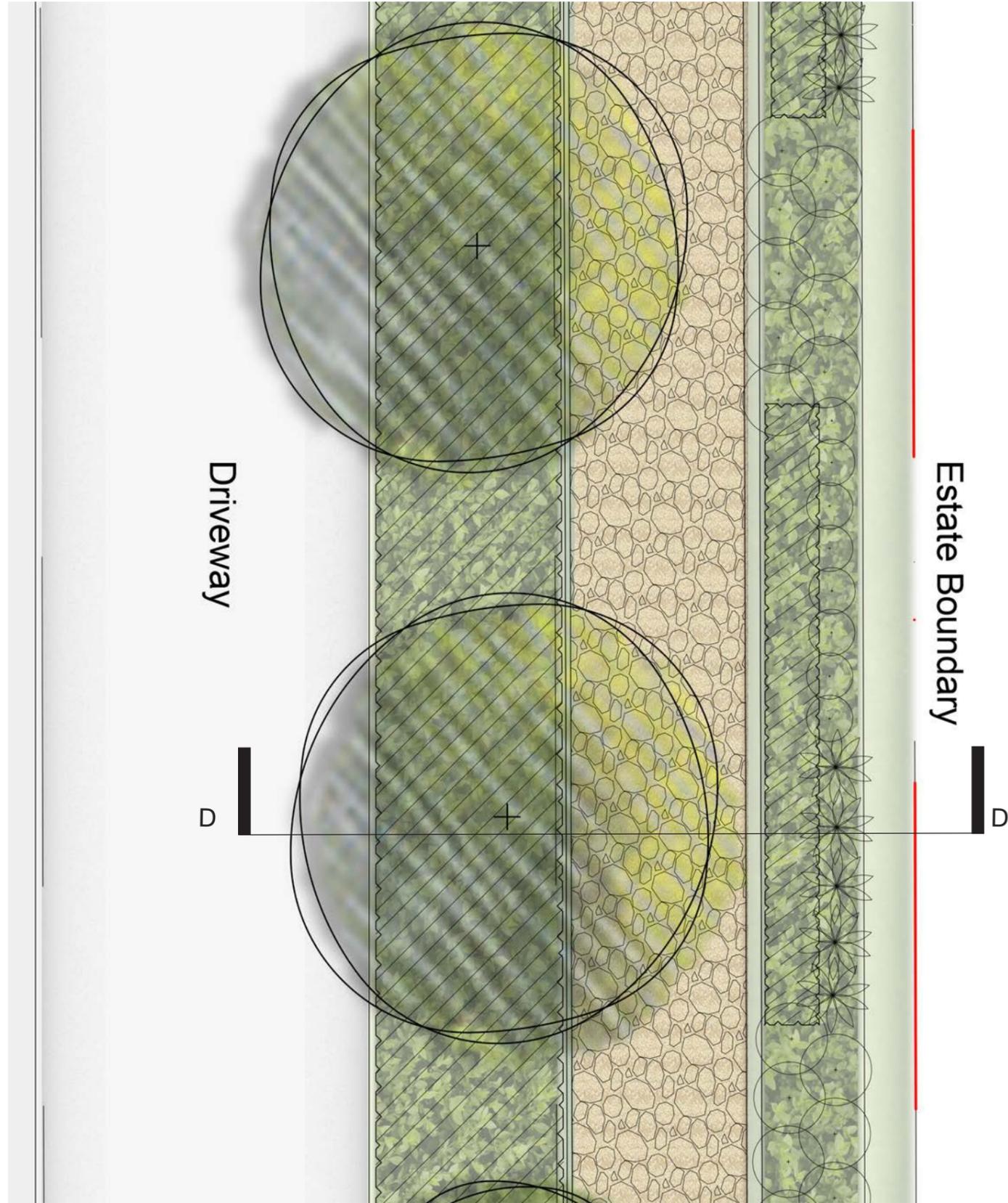


*Dianella caerulea*

### Mamre Road Frontage

Code	Botanic Name	Common Name	Mature Size (h x w) (m)	Pot Size	Density
<b>TREES</b>					
<b>Ac</b>	<i>Angophora costata</i>	Smooth Barked Apple	20 X 9	100L	As Shown
<b>Ap</b>	<i>Acacia parramattensis</i>	Parramatta Wattle	10 x 6	100L	As Shown
<b>Cc</b>	<i>Corymbia citriodora</i>	Lemon Scented gum	30 x 8	100L	As Shown
<b>Em</b>	<i>Eucalyptus moluccana</i>	Grey Box	25 X 8	100L	As Shown
<b>Ms</b>	<i>Melaleuca styphelioides</i>	Prickly Leaved Paperbark	8 x 6	100L	As Shown
<b>SHRUBS &amp; ACCENTS</b>					
<b>AsM</b>	<i>Atriplex nummularia</i>	Old man saltbush	2 x 2	200mm	As Shown
<b>Bv</b>	<i>Baeckea virgata</i>	Tall Backea	3 x 2	200mm	As Shown
<b>Ca</b>	<i>Correa alba</i>	White correa	1.5 x 1	200mm	As Shown
<b>De</b>	<i>Doryanthes excelsa</i>	Gynea Lily	1.8 x 1.5	200mm	As Shown
<b>Du</b>	<i>Daviesia ulicifolia</i>	Gorse Bitter Pea	3 x 2.5	200mm	As Shown
<b>Dv</b>	<i>Dodonea viscosa</i>	Hop Bush	1 x 1	200mm	As Shown
<b>Em</b>	<i>Eremophila maculata</i>	Emu bush	.5 x 1.2	200mm	As Shown
<b>Gj</b>	<i>Grevillea juniperina</i>	Juniper leaf grevillea	1.5 x 1	200mm	As Shown
<b>Wf</b>	<i>Westringia fruticosa</i>	Coastal Roasemary	1 x 1	150mm	As Shown
<b>GRASSES AND GROUNDCOVERS</b>					
<b>Dc</b>	<i>Dianella caerulea</i>	Flax Lily	0.8x 0.5	150mm	5/m <sup>2</sup>
<b>Ic</b>	<i>Imperata cylindrica</i>	Cogon grass	1.2 x 0.7	150mm	5/m <sup>2</sup>
<b>LI</b>	<i>Lomandra longifolia</i>	Matt Rush	1 x 1	150mm	5/m <sup>2</sup>
<b>Mp</b>	<i>Myoporum parvifolium</i>	Creeping Boobialla	.3 x 2	150mm	5/m <sup>2</sup>
<b>Ta</b>	<i>Themeda australis</i>	Kangaroo Grass	1 x .5	150mm	5/m <sup>2</sup>
<b>Wc</b>	<i>Wahlenbergia communis</i>	Tufted Bluebell	0.75	150mm	5/m <sup>2</sup>

# Masterplan / Boundary Treatment



## Character imagery



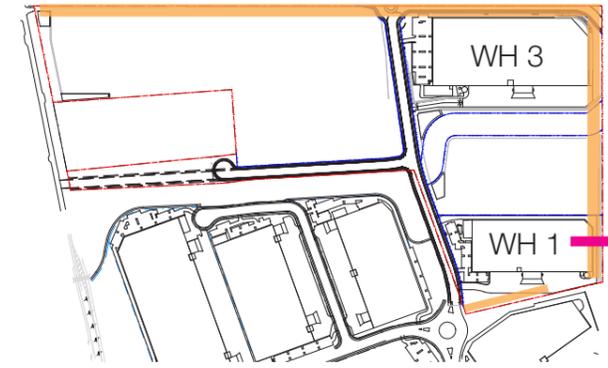
Tall canopy trees where possible to soften and screen retaining walls



Low planting directly beneath trees



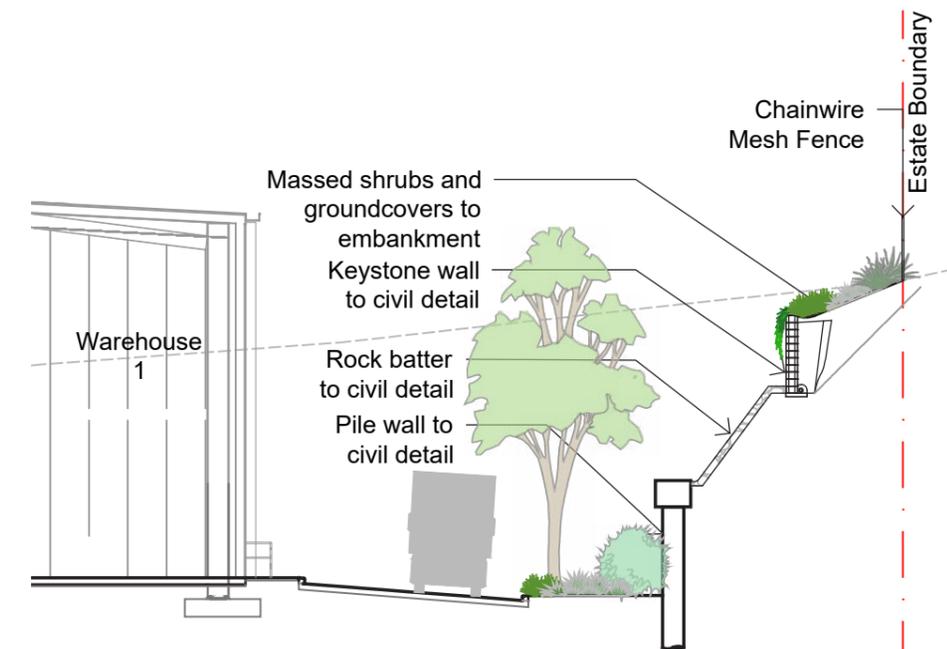
Terraced retaining walls with cascading landscape where possible



## Landscape Strategy

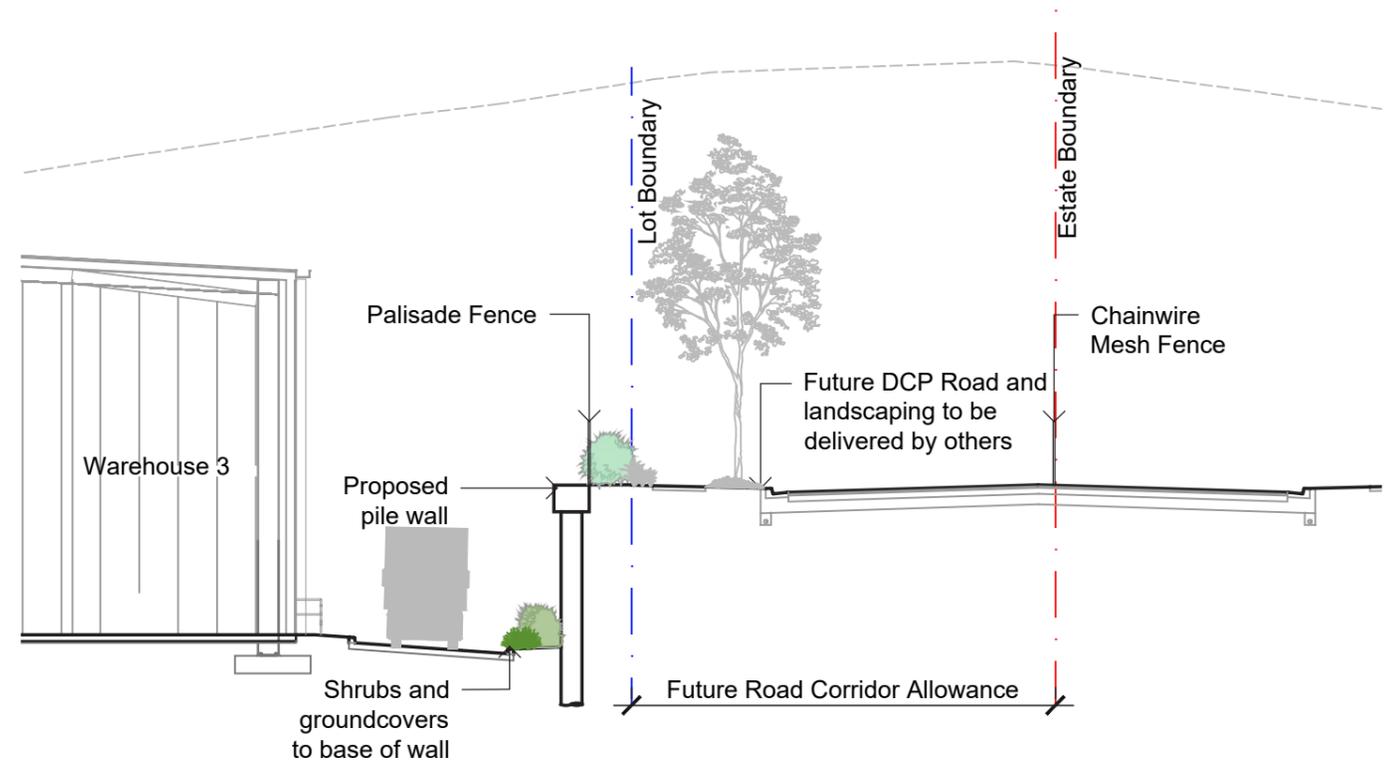
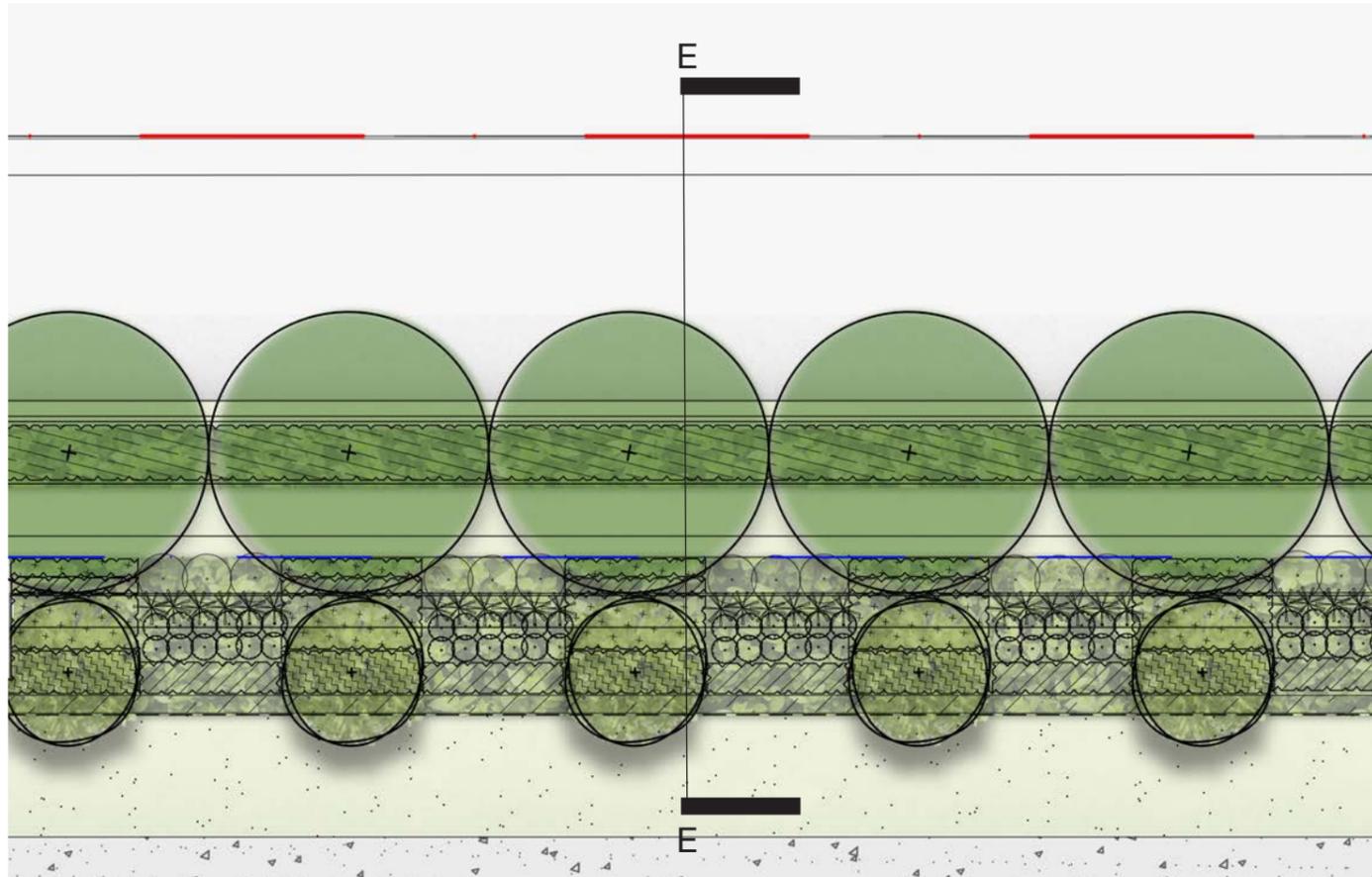
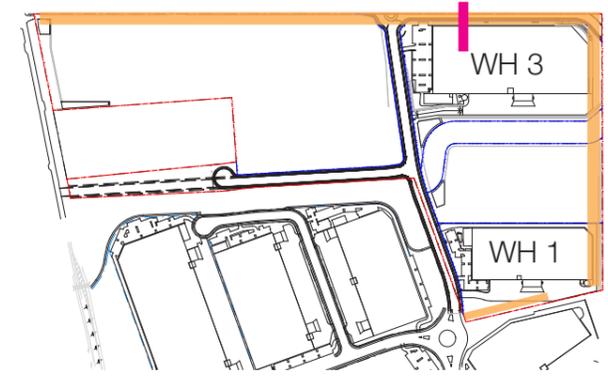
Boundary treatments will feature planting of native shrub grass and groundcovers. In locations where there is a retaining wall below cascading plants will be provided to break up the mass of the wall.

Trees will be located at the base of the wall for screening.



Section D | Typical Boundary Cross Section  
Scale 1:200

Masterplan /  
Boundary Treatment



Section E | Typical Boundary Cross Section  
Scale 1:200

# Masterplan / Boundary Planting

## Indicative Species



*Acacia parramattensis*



*Corymbia citriodora*



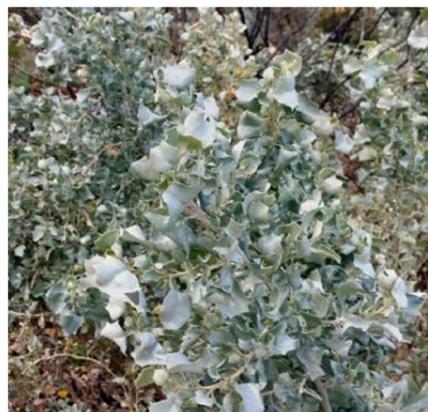
*Eleocharis reticulatus*



*Ceratopetalum gummiferum*



*Acmena smithii var. minor*



*Atriplex nummularia*



*Correa alba*



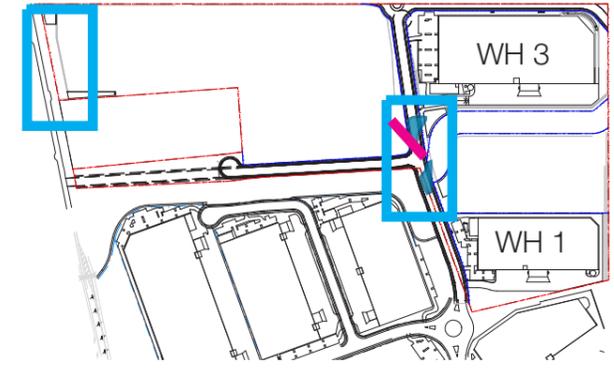
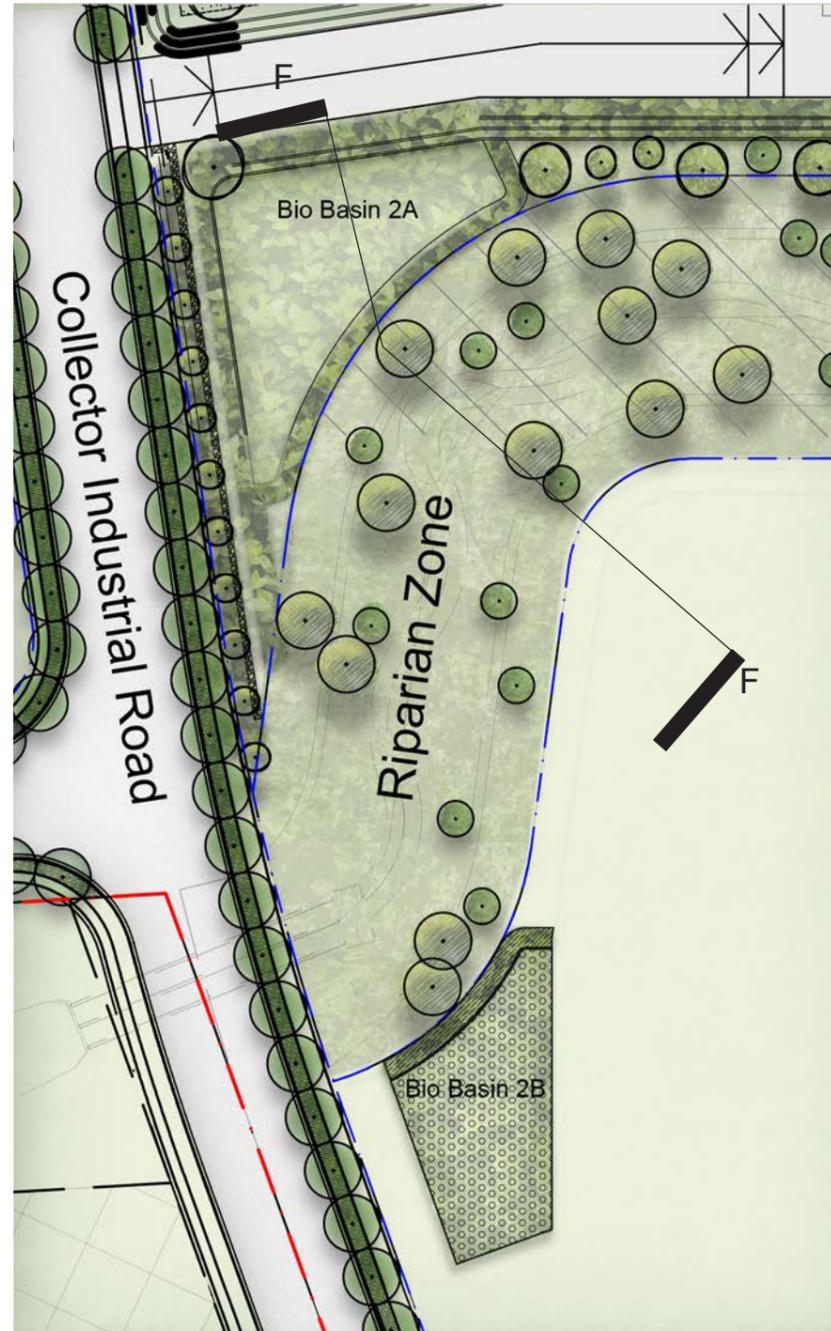
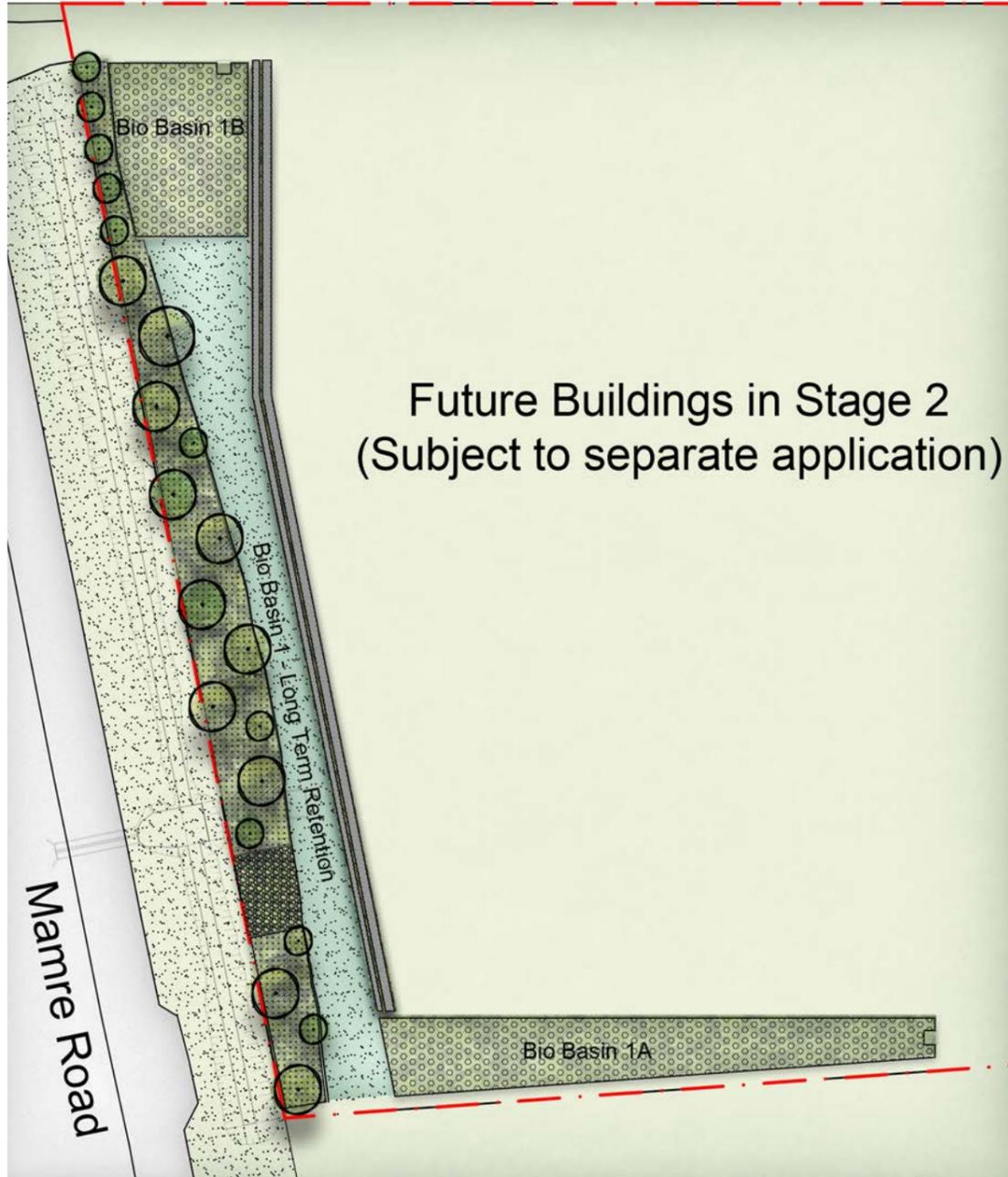
*Eremophila maculata*



*Myoporum parvifolium*

Boundary					
Code	Botanic Name	Common Name	Mature Size (h x w) (m)	Pot Size	Density
<b>TREES</b>					
Ap	<i>Acacia parramattensis</i>	Parramatta Wattle	10 x 6	100L	As Shown
Cc	<i>Corymbia citriodora</i>	Lemon Scented gum	30 x 8	100L	As Shown
Cg	<i>Ceratopetalum gummiferum</i>	NSW Christmas Bush	5 x 3	100L	As Shown
Er	<i>Eleocharis reticulatus</i>	Blueberry Ash	9 x 3	100L	As Shown
Eu	<i>Elaeocarpus Eumundi</i>	Quandong	7 x 2	100L	As Shown
Ac	<i>Angophora costata</i>	Smooth Barked Apple	20 X 9	100L	As Shown
<b>SHRUBS &amp; ACCENTS</b>					
An	<i>Acmena smithii var. minor</i>	Lilly Pilly	2 x 1.2	200mm	As Shown
AsM	<i>Atriplex nummularia</i>	Old man saltbush	2 x 2	200mm	As Shown
Bv	<i>Baeckea virgata</i>	Tall Backea	3 x 2	200mm	As Shown
Ca	<i>Correa alba</i>	White correa	1.5 x 1	200mm	As Shown
Dv	<i>Dodonea viscosa</i>	Hop Bush	1 x 1	200mm	As Shown
Em	<i>Eremophila maculata</i>	Emu bush	.5 x 1.2	200mm	As Shown
Gj	<i>Grevillea juniperina</i>	Juniper leaf grevillea	1.5 x 1	200mm	As Shown
<b>GRASSES AND GROUNDCOVERS</b>					
Dc	<i>Dianella caerulea</i>	Flax Lily	0.8x 0.5	150mm	5/m <sup>2</sup>
Em	<i>Entolasia marginata</i>	Bordered Panic	0.8 x 0.5	150mm	5/m <sup>2</sup>
Hs	<i>Hibbertia scandens</i>	Climbing Guinea Flower	climbing	150mm	5/m <sup>2</sup>
Ic	<i>Imperata cylindrica</i>	Blady Grass	.75 x .3	150mm	5/m <sup>2</sup>
LI	<i>Lomandra longifolia</i>	Mat Rush	1 x 1	150mm	5/m <sup>2</sup>
Mp	<i>Myoporum parvifolium</i>	Creeping Boobiialla	.3 x 2	150mm	5/m <sup>2</sup>
Ms	<i>Microlaena stipoides</i>	Weeping Grass	0.7 x 0.3	150mm	5/m <sup>2</sup>
Ta	<i>Themeda australis</i>	Kangaroo Grass	1 x .5	150mm	5/m <sup>2</sup>
Vh	<i>Viola hederacea</i>	Native Violet	.15 x 1	150mm	5/m <sup>2</sup>

Masterplan /  
Basin

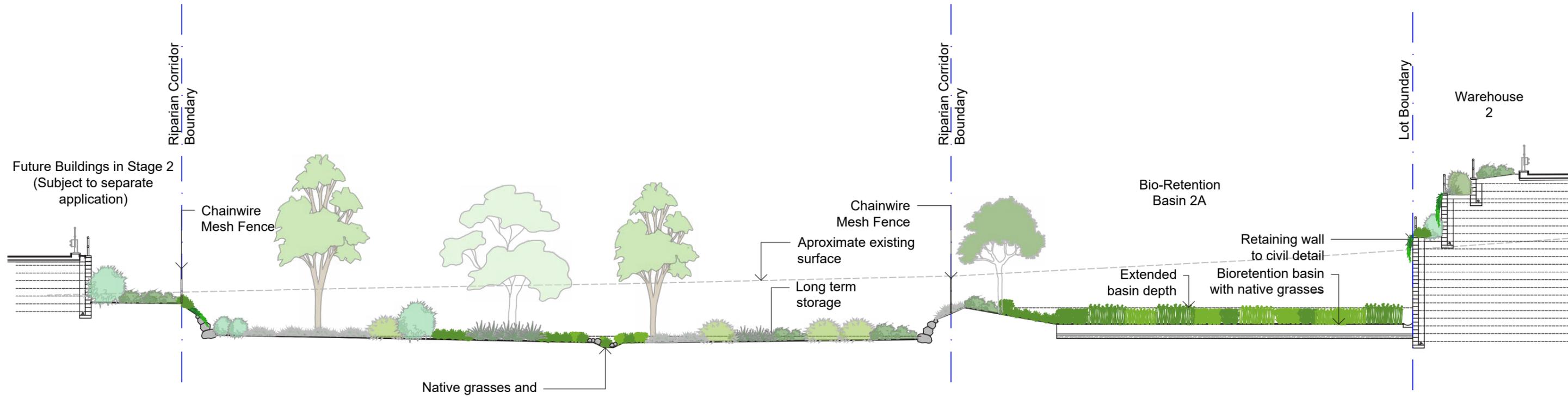
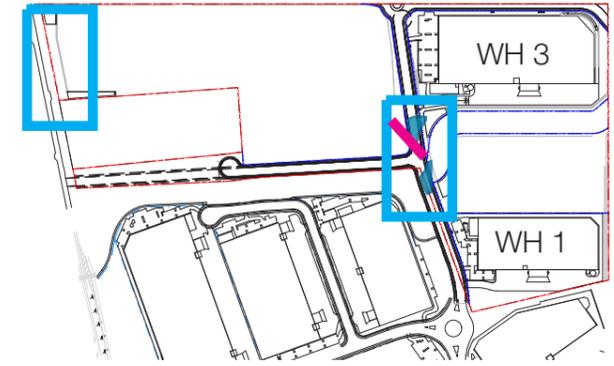


*Landscape Strategy*

The Stormwater basin will feature planting to compliment the water retention and treatment processes designed by civil.

Planting to basins will consist of native grasses and macrophyte species.

# Masterplan / Basin



Section F | Bio Retention 2A  
Scale 1:200

# Masterplan / Basin Planting

Indicative Species



Carex inversa



Imperata cylindrica var. major



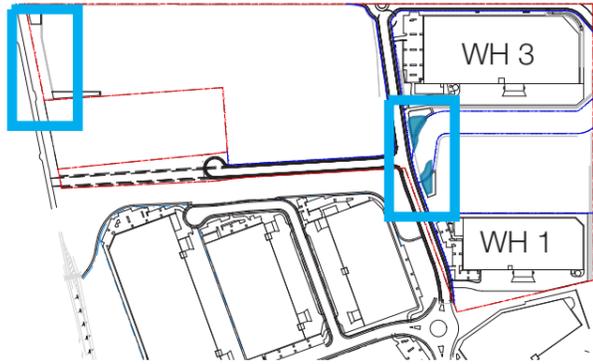
Lomandra longifolia



Juncus usitatus



Themeda australis



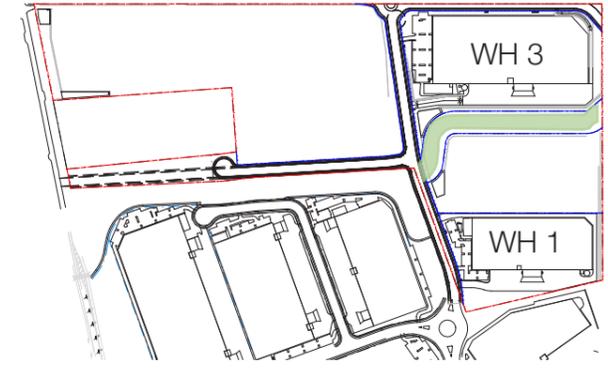
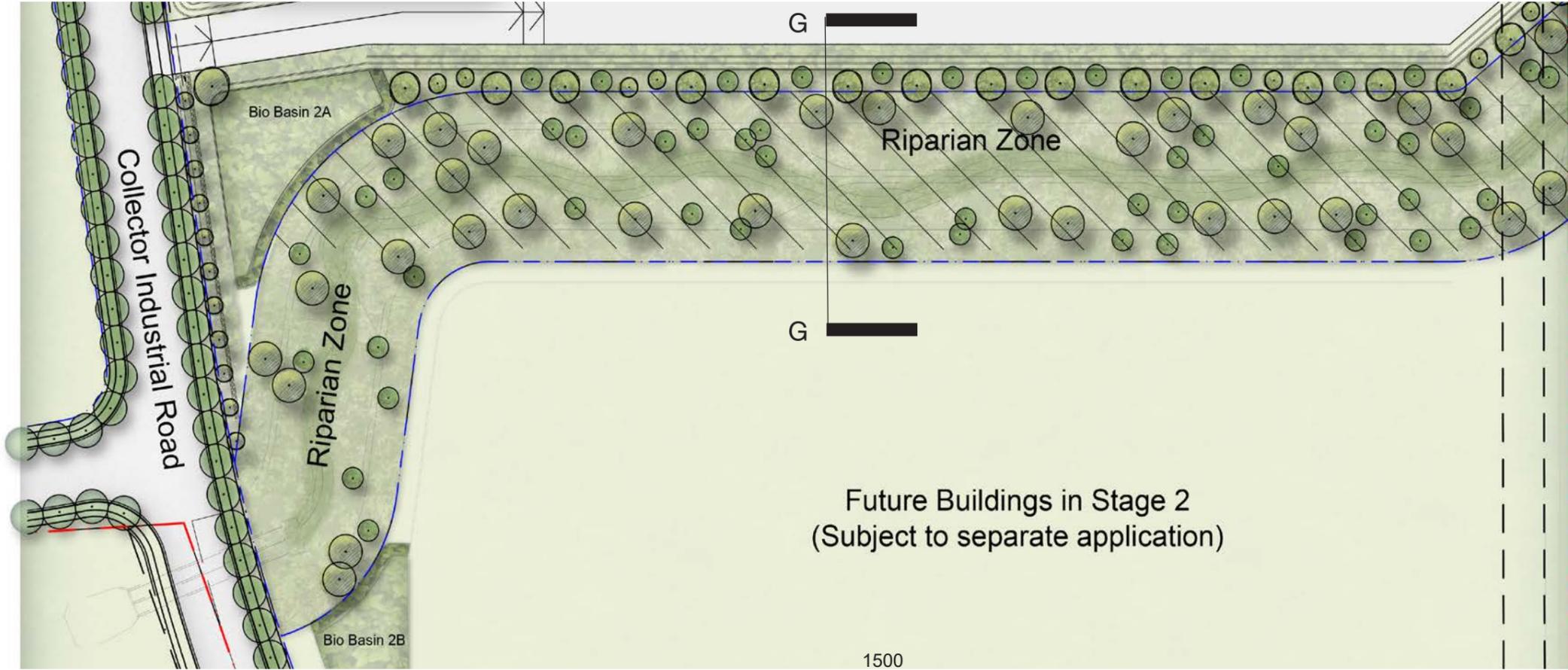
Character imagery



Typical Planting Matrix

Basin Planting					
Code	Botanic Name	Common Name	Mature Size (h x w) (m)	Pot Size	Density
<b>GRASSES AND GROUNDCOVERS</b>					
Ci	Carex inversa	Knob Sedge	.1 x .1	150mm	5/m <sup>2</sup>
LI	Lomandra longifolia	Matt Rush	1 x 1	150mm	5/m <sup>2</sup>
IC	Imperata cylindrica var. major	Blady Grass	.75 x .3	150mm	5/m <sup>2</sup>
Ju	Juncus usitatus	Common Rush	.6 x 1	150mm	5/m <sup>2</sup>
Ta	Themeda australis	Kangaroo Grass	1 x .5	150mm	5/m <sup>2</sup>

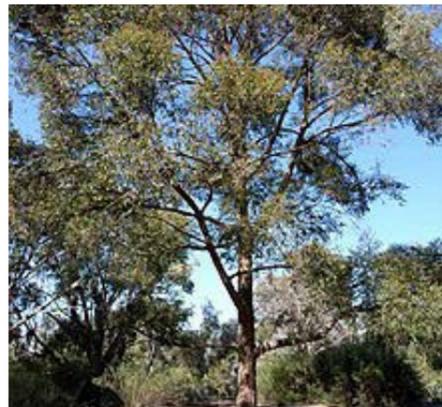
# Masterplan / Riparian Zone



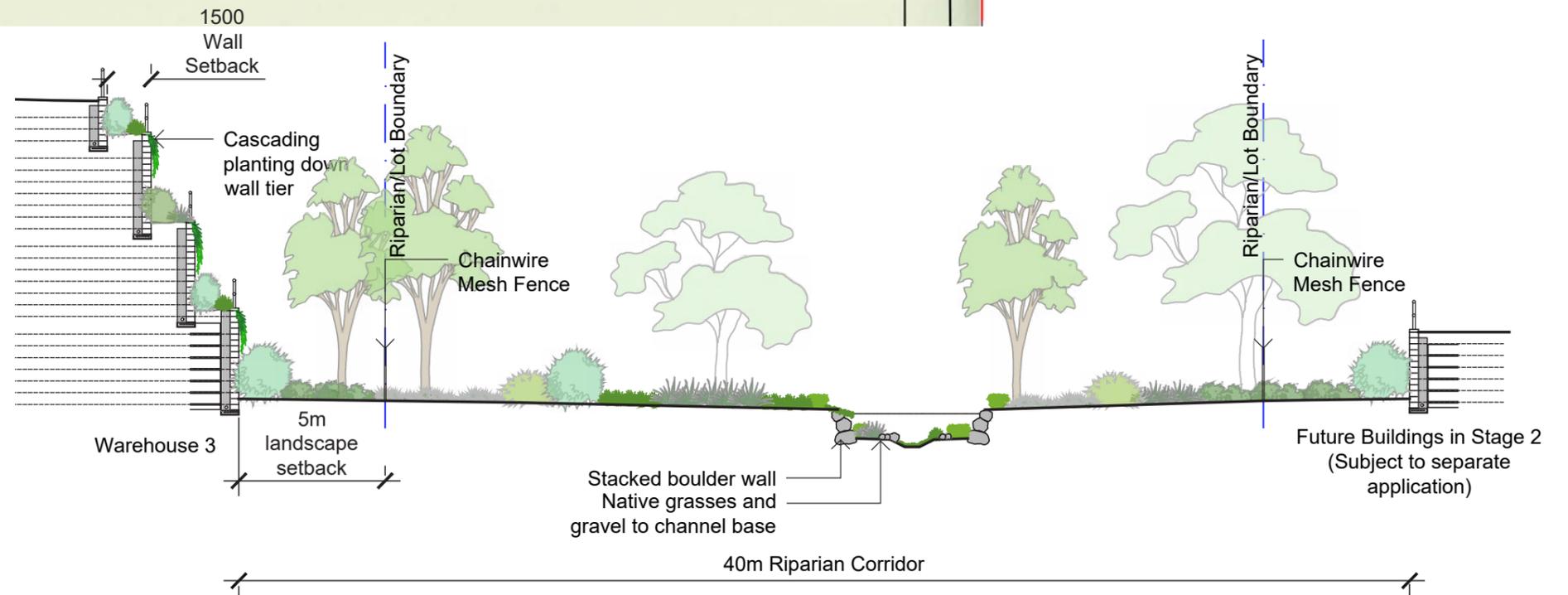
### Landscape Strategy

The Riparian Zone will be planted and maintained in accordance with Vegetation Management Plan and report produced by Cumberland Ecology. The riparian zone will be demarcated with fencing - security fencing where adjoining lots and post and rail as a boundary marker style.

### Character imagery



Native ground covers and grasses



Section G | Typical Riparian Cross Section 1:200

# Masterplan / Riparian Zone Planting



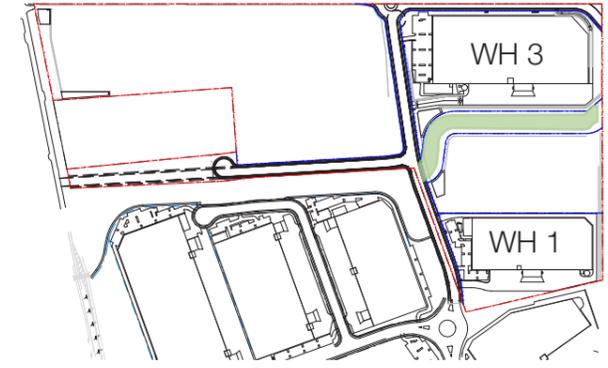
*Eucalyptus amplifolia*



*Eucalyptus moluccana*



*Acacia parramattensis*



*Acmena smithii var. minor*



*Bursaria spinosa*



*Bothriochloa decipiens*



*Dianella caerulea*



*Imperata cylindrica*



*Lomandra longifolia*

## Riparian Zone

Code	Botanic Name	Common Name	Mature Size (h x w) (m)	Pot Size	Density
<b>TREES</b>					
Ea	<i>Eucalyptus amplifolia</i>	Cabbage Gum	30	100L	As Shown
Em	<i>Eucalyptus moluccana</i>	Grey Box	25	100L	As Shown
Et	<i>Eucalyptus tereticornis</i>	Forest Red Gum	35	100L	As Shown
Ap	<i>Acacia parramattensis</i>	Parramatta Wattle	10 x 6	100L	As Shown
<b>SHRUBS &amp; ACCENTS</b>					
AsM	<i>Acmena smithii var. minor</i>	Lilly Pilly	2 x 2	200mm	As Shown
Bs	<i>Bursaria spinosa</i>	Blackthorn	4 x 3	200mm	As Shown
<b>GRASSES AND GROUNDCOVERS</b>					
Bd	<i>Bothriochloa decipiens car. Decipiens</i>	Pitted Blue Grass	1	150mm	5/m <sup>2</sup>
Ba	<i>Brunoniella australis</i>	Blue Trumpets	0.3x	150mm	5/m <sup>2</sup>
Ca	<i>Carex appressa</i>	Tall Sedge	0.9 x 1	150mm	5/m <sup>2</sup>
Cas	<i>Centella asiatica</i>	Indian Pennywort	.2 x 1	150mm	5/m <sup>2</sup>
Ct	<i>Chloris truncata</i>	Windmill Grass	.5 x .3	150mm	5/m <sup>2</sup>
Dc	<i>Dianella caerulea</i>	Blue Flax Lily	1 x 1	150mm	5/m <sup>2</sup>
Dr	<i>Dichondra repens</i>	Kidney Weed	.1 x 1	150mm	5/m <sup>2</sup>
Eo	<i>Echinopogon ovatus</i>	Forest Hedgehog Grass	1.2	150mm	5/m <sup>2</sup>
Em	<i>Entolasia marginata</i>	Bordered Panic	0.8 x 0.5	150mm	5/m <sup>2</sup>
Ic	<i>Imperata cylindrica</i>	Blady Grass	.75 x .3	150mm	5/m <sup>2</sup>
Ju	<i>Juncus usitatus</i>	Common Grass	.6 x 1	150mm	5/m <sup>2</sup>
LI	<i>Lomandra longifolia</i>	Mat Rush	1 x 1	150mm	5/m <sup>2</sup>
Ms	<i>Microlaena stipoides</i>	Weeping Grass	0.7 x 0.3	150mm	5/m <sup>2</sup>
Vh	<i>Viola hederacea</i>	Native Violet	.15 x 1	150mm	5/m <sup>2</sup>