

Kemps Creek Industrial Estate - Stage One

MAMRE RD + BAKERS LANE, KEMPS CREEK NSW 2178



MAY 2019

CONTENTS

INTRODUCTION

ABOUT THE SITE

CORE VALUES

LANDSCAPE PRINCIPLES

SITE CONTEXT

LANDSCAPE: DETAIL CONCEPT PLAN (STAGE ONE)

LANDSCAPE: TYPICAL SECTIONS

LANDSCAPE: DESIGN PRECEDENT IMAGES

LANDSCAPE: PLANTING STRATEGY

LANDSCAPE: RE-VEGETATION AREA

LANDSCAPE: PLANTING STRATEGY (STAGE ONE)

LANDSCAPE: DETAIL CONCEPT PLAN (ESTATE ENTRY)

CLIENT:



LANDSCAPE ARCHITECT:



PROJECT NO.	ISSUE	DATE	TYPE	DRAWN BY	REVIEWED BY
H8-18018	G	13/05/2019	SSD Re-submission	ARD	DV

INTRODUCTION

ABOUT THE SITE

Altis Property Partners and Frasers Property present Kemps Creek Industrial Estate, New South Wales.

Strategically located in the heart of Western Sydney, close to the major transport arterial routes, Kemps Creek Industrial Estate provides a leading location offering of prime industrial floor space with excellent exposure to Mamre Road.

Planned infrastructure upgrades will bring considerable benefits to Kemps Creek Industrial Estate and will provide efficient access in all directions to the Sydney metropolitan area and the Eastern Seaboard. Some of these Planned infrastructure upgrades include;

- Mamre Road widening to A6 Lane prime arterial highway
- Southern link road to connect the M7 with Mamre Road
- M12 Motorway to link the M7, Mamre Road and Badgery's Creek Airport
- Northern Freight Rail Corridor

Innovative landscape design solutions are achieved by implementing best practice

CORE VALUES ARE TO CREATE SPACES THAT ARE:

AUTHENTIC: Plant and material selection to “trademark” the space by using Altis Property Partners and Frasers Property branding + reflect endemic planting for this site.

RESPECTFUL: Caring about the environment by implementing sustainable policy and reducing environmental impact. Creating space with environmental and key worker benefit while reflecting the surrounding context.

DYNAMIC: Creating dynamic spaces that embrace the Western Sydney Parkland trust objectives for South Creek and comply with Penrith City Council Industrial Development control plans.

PRACTICAL: Created with care and strive to exceed expectations.

LANDSCAPE PRINCIPLES

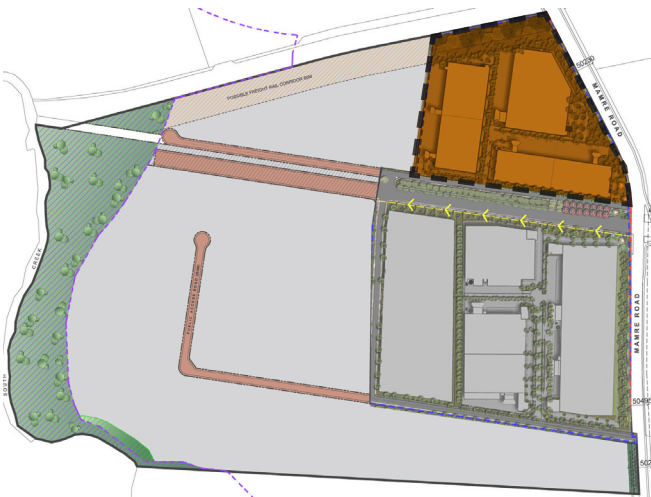
The landscape principles aim to ensure that the estate is identifiable as an Altis Property Partners and Frasers Property developed site and are that the landscape reflects the future vision for the precinct:

- Enjoyable for all users and visitors alike
- Sustainable in its management, development and promotion
- Accessible to all
- Creating spaces to enjoy at work
- Reducing environmental impact
- Life cycle cost management
- Community + environmental benefits
- Compliance with WSPT + Penrith City Council design objectives

1.0 KEMPS CREEK INDUSTRIAL ESTATE OVERVIEW



LANDSCAPE: DETAIL CONCEPT PLAN (Stage One)



KEY PLAN
(N.T.S.)

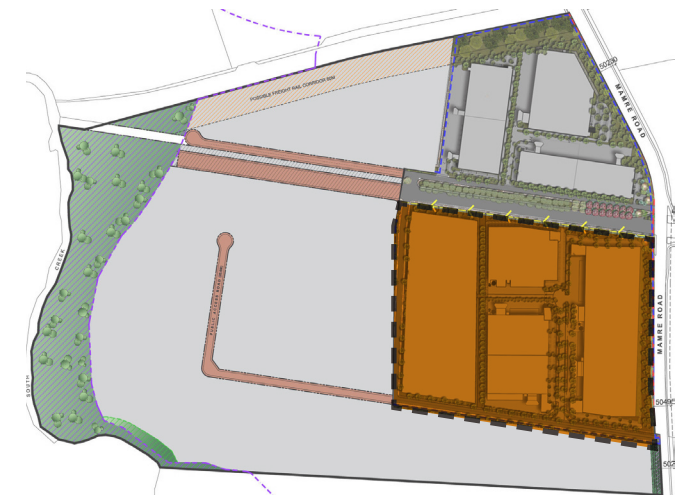
LEGEND

- ① Regional Bike Path Connection
- ② Secondary Street Trees and Setbacks (Refer to Feature Planting Schedule B)
- ③ "The Green Line" Avenue Planting (Refer to Cumberland Plain Planting Schedule A)
- ④ Estate Entry (See Detail Plan + Entry Feature Planting Schedule C)
- ⑤ Carpark + Office Landscape (Refer to Feature Planting Schedule B)
- ⑥ Boundary Planting (Refer to Cumberland Plain Planting Schedule A)

- Stage One Boundary
- - - Site Boundary

0 50 100 200
Scale 1:2000@A3

LANDSCAPE: DETAIL CONCEPT PLAN (Stage One)



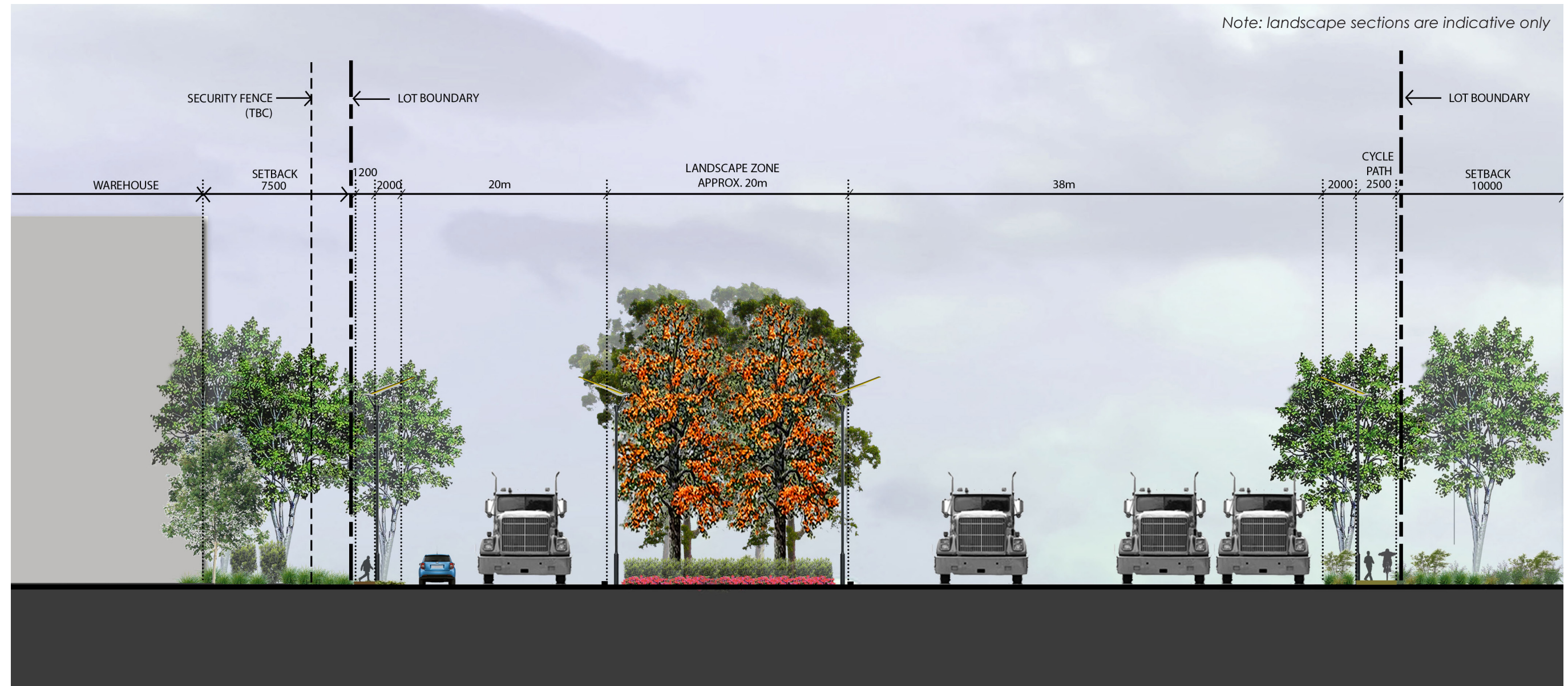
KEY PLAN
(N.T.S.)

LEGEND

- ① Regional Bike Path Connection
- ② Secondary Street Trees and Setbacks (Refer to Feature Planting Schedule B)
- ③ "The Green Line" Avenue Planting (Refer to Cumberland Plain Planting Schedule A)
- ④ Estate Entry (See Detail Plan + Entry Feature Planting Schedule C)
- ⑤ Carpark + Office Landscape (Refer to Feature Planting Schedule B)
- ⑥ Boundary Planting (Refer to Cumberland Plain Planting Schedule A)

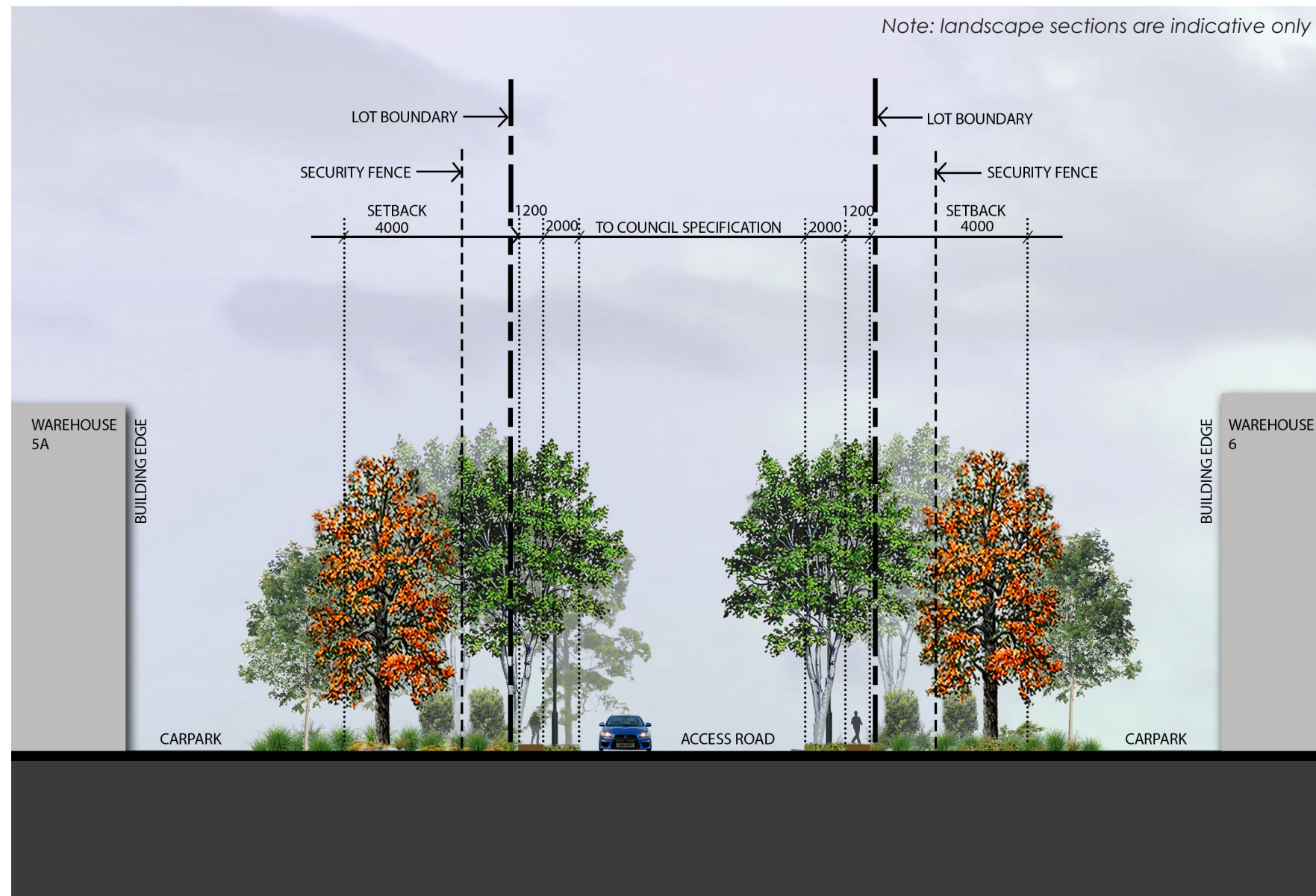
- Stage One Boundary
- Site Boundary

LANDSCAPE: TYPICAL SECTIONS



01 LANDSCAPE SECTION A-A
Scale 1:300@A3

LANDSCAPE: TYPICAL SECTIONS



01 LANDSCAPE SECTION B-B
Scale 1:300@A3

LANDSCAPE: DESIGN PRECEDENT IMAGES

LANDSCAPE SETBACK PLANTING



RECREATION AREAS + BIKE PATH



CUMBERLAND PLAIN PLANTING SCHEDULE A

CODE	BOTANICAL NAME	POT SIZE	DENSITY
STREET TREES + PARKLAND			
* CMA	Corymbia maculata	100 LITRE	AS SHOWN
* LCO	Laphostemon confertus	100 LITRE	AS SHOWN
BUFFER PLANTING GENERAL			
* Ecr	Eucalyptus crebra	45L	AS SHOWN
* Eeu	Eucalyptus eugenioides	45L	AS SHOWN
* Emo	Eucalyptus moluccana	45L	AS SHOWN
* Ete	Eucalyptus tereticornis	45L	AS SHOWN
* BSP	Bursaria spinosa	150mm	1/2m²
* Dsi	Dyllwynia sieberi	150mm	1/2m²
* Dcu	Dodonaea viscosa "cuneata"	150mm	1/2m²
* Hse	Hackea sericea	150mm	1/2m²
* Iau	Indigofera australis	150mm	1/2m²
* DLo	Dianella longifolia	TUBE	4/m²
* Lmu	Lomandra multiflora	TUBE	4/m²
* Pla	Poa labillardieri	TUBE	4/m²
* Hvi	Hardenbergie violacea	TUBE	4/m²
* Mst	Microlaena stipoides	TUBE	4/m²
SWALE / ASSET PROTECTION PLANTING			
* Eeu	Eucalyptus eugenioides	45L	AS SHOWN
* Emo	Eucalyptus moluccana	45L	AS SHOWN
* Ete	Eucalyptus tereticornis	45L	AS SHOWN
* Lmu	Lomandra multiflora	TUBE	4/m²
* Pla	Poa labillardieri	TUBE	4/m²
* Tau	Themada australis	TUBE	4/m²
* Ele	Eragrostis leptostachya	TUBE	4/m²
RIPARIAN PLANTING			
* Ecr	Eucalyptus crebra	300mm	1/10m²
* Eeu	Eucalyptus eugenioides	300mm	1/10m²
* Emo	Eucalyptus moluccana	300mm	1/10m²
* Ete	Eucalyptus tereticornis	300mm	1/10m²
* BSP	Bursaria spinosa	150mm	1/2m²
* Dsi	Dyllwynia sieberi	150mm	1/2m²
* Dcu	Dodonaea viscosa "cuneata"	150mm	1/2m²
* Hse	Hackea sericea	150mm	1/2m²
* Iau	Indigofera australis	150mm	1/2m²
* DLo	Dianella longifolia	TUBE	4/m²
* Lmu	Lomandra multiflora	TUBE	4/m²
* Dre	Dichondra repens	TUBE	4/m²
* Hvi	Hardenbergie violacea	TUBE	4/m²

* : De-notes endemic species

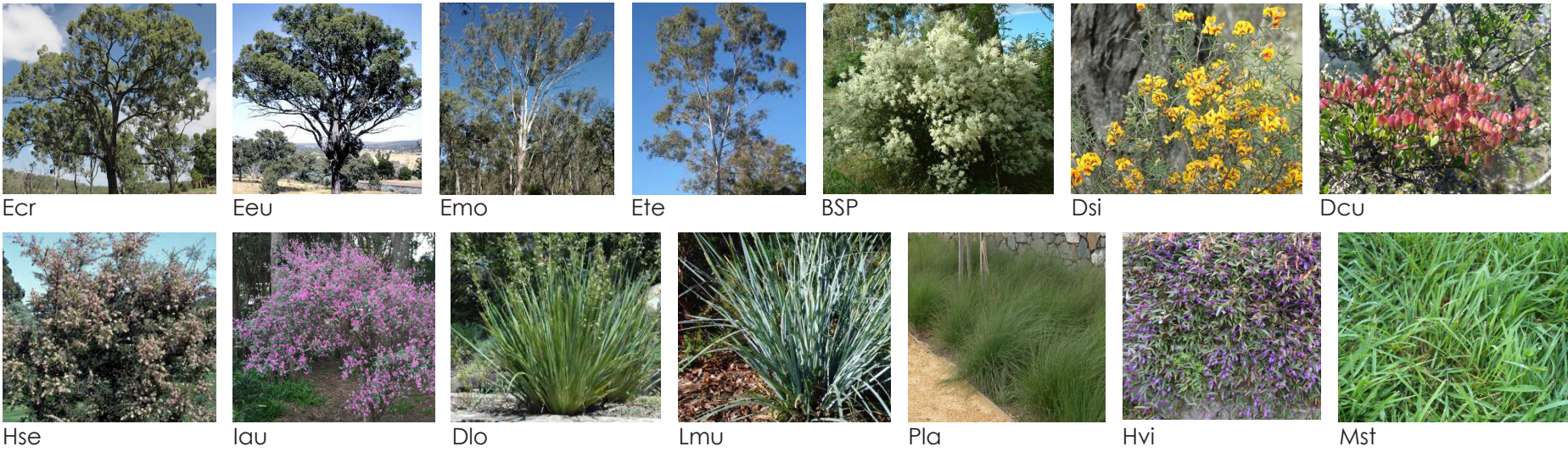
STREET TREES + PARKLAND



CMA

LCO

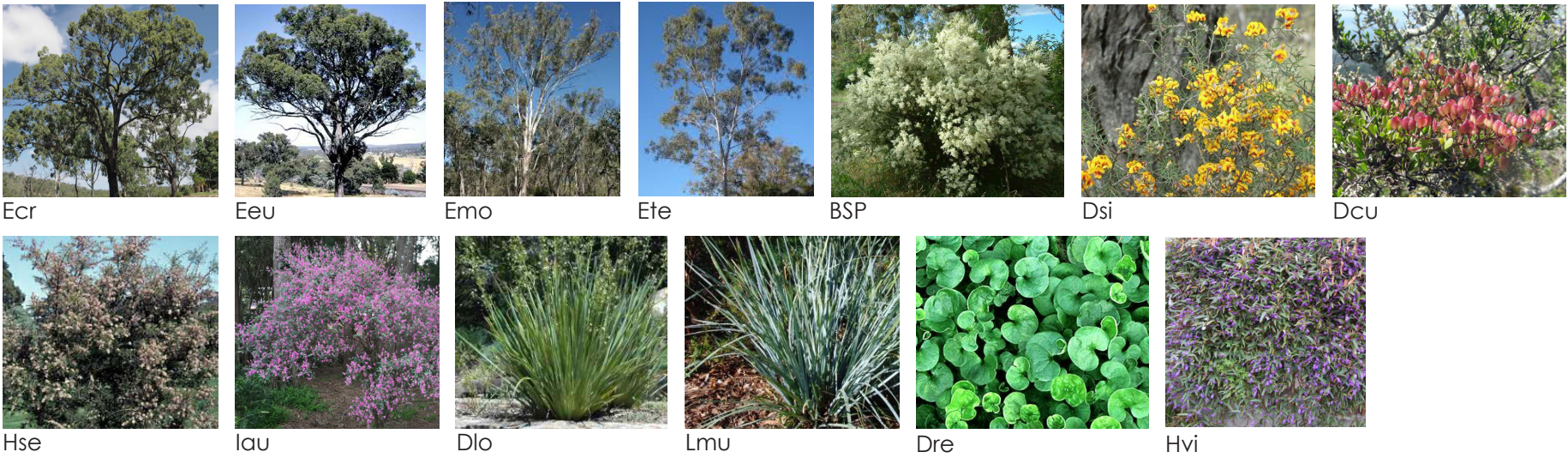
BUFFER PLANTING GENERAL



SWALE / ASSET PROTECTION PLANTING



RIPARIAN PLANTING



FEATURE PLANTING SCHEDULE B

	CODE	BOTANICAL NAME	POT SIZE	DENSITY
	STREET TREES			
N	BAS	Brachychiton acerifolius	100L	AS SHOWN
N	WFL	Waterhousea floribunda	100L	AS SHOWN
N	CUP	Cupianopsis anarcadoides	100L	AS SHOWN
N	TLU	Tristaniopsis laurina "luscious"	100L	AS SHOWN
	MCW	Magnolia "Coolwyn Gloss"	100L	AS SHOWN
N	ER	Elaeocarpus reticulatus	75L	AS SHOWN
	PXH	Platanus x hybrida	100L	AS SHOWN
N	FAU	Flindersia australis	100L	AS SHOWN
	MEX	Magnolia "Exmouth"	100L	AS SHOWN
	AHE	Araucaria heterophylla	100L	AS SHOWN
	SHRUBS (SETBACK PLANTING)			
N	CLJ	Callistemon "Little John"	200mm	3/m ²
	NDB	Nandina domestica "Blush"	200mm	4/m ²
	PRR	Photinia "Red Robin"	300mm	1/m ²
N	ASM	Acmena smithii "var minor"	300mm	1/m ²
N	WFR	Westringia fruticosa	200mm	2/m ²
	CRS	Cordyline "Red sensation"	300mm	2/m ²
	BY	Beschoneria yuccoides	200mm	3/m ²
	GROUNDCOVERS (SETBACK PLANTING)			
N	CGL	Carpobrotus glaucescens (Pigface)	150mm	4/m ²
N	LT	Lomandra tanika	150mm	4/m ²
N	MP	Myoporum parviflorum	150mm	4/m ²
N	LM	Liriope muscari	150mm	4/m ²
	SS	Senecio serpens	150mm	4/m ²

* : De-notes endemic species
N : De-notes native species

STREET TREES



BAS



WFL



CUP



TLU



MCW



ER



PXH



FAU



MEX



AHE

SHRUBS (SETBACK PLANTING)



CLJ



NDB



PRR



ASM



WFR



CRS



BY

GROUNDCOVERS (SETBACK PLANTING)



CGL



LT



MP



LM



SS

ENTRY FEATURE PLANTING SCHEDULE C

	CODE	BOTANICAL NAME	POT SIZE	DENSITY
	ENTRY TREES			
N	BAS	Brachychiton acerifolius	100L	AS SHOWN
N	WFL	Waterhousea floribunda	100L	AS SHOWN
N	TLU	Tristaniopsis laurina "luscious"	100L	AS SHOWN
	MCW	Magnolia "Coolwyn Gloss"	100L	AS SHOWN
	PXH	Platanus x hybrida	100L	AS SHOWN
	MEX	Magnolia "Exmouth"	100L	AS SHOWN
N	AHE	Araucaria heterophylla	100L	AS SHOWN
	SHRUBS			
N	CLJ	Callistemon "Little John"	200mm	3/m²
	NDB	Nandina domestica "Blush"	200mm	4/m²
	PRR	Photinia "Red Robin"	300mm	1/m²
N	WFR	Westringia fruticosa	200mm	2/m²
	CRS	Cordyline "Red sensation"	300mm	2/m²
	BY	Beschoneria yuccoides	200mm	3/m²
	GROUNDCOVERS			
N	CGL	Carpobrotus glaucescens (Pigface)	150mm	4/m²
N	LT	Lomandra tanika	150mm	4/m²
N	MP	Myoporum parviflorum	150mm	4/m²
N	LM	Liriope muscari	150mm	4/m²
	SS	Senecio serpens	150mm	4/m²

N : De-notes native species

STREET + ENTRY TREES



BAS



WFL



TLU



MCW



PXH



MEX



AHE

SHRUBS (SETBACK PLANTING)



CLJ



NDB



PRR



WFR



CRS



BY

GROUNDCOVERS



CGL



LT



MP

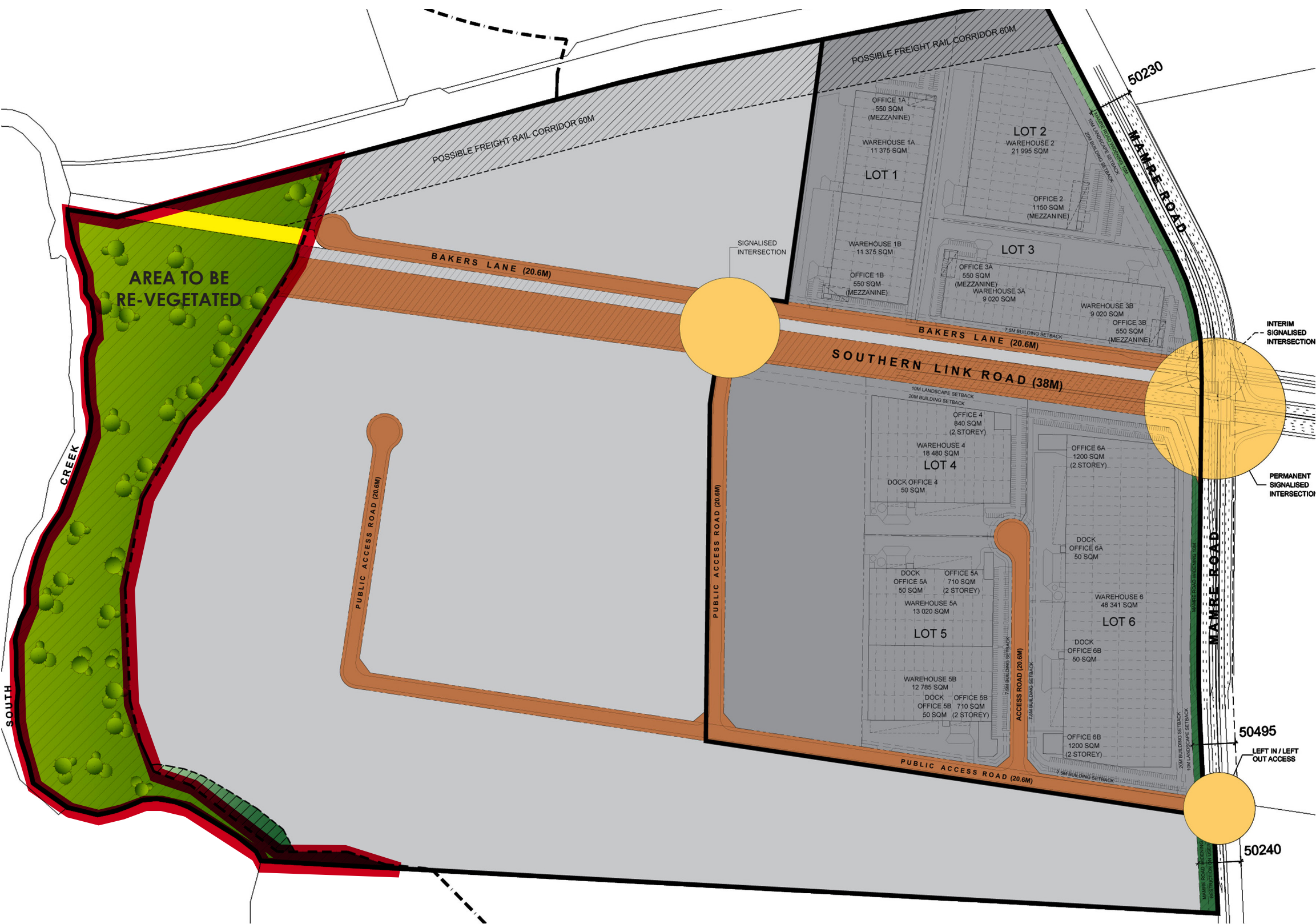


LM



SS

LANDSCAPE: RE-VEGETATION AREA



INDICATIVE RE-VEGETATION PLANT LIST
(Cumberland Plain Species)

Trees (150mm pot size-1/5m2)	
Casuarina glauca	Swamp She-Oak
Allocasuarina distyla	
Melaleuca decora	White Feather Honeymyrtle
Melaleuca ericifolia	Swamp Paperbark
Melaleuca styphelioides	Prickly - leaved Paperbark
Melaleuca nodosa	Ball Honeymyrtle
Melaleuca quinquenervia	Broad leaf Paperbark
Acmena smithii	Lillypilly
Tristanopsis laurina	Watergum
Syncarpia glomulifera	Turpentine
Eucalyptus tereticornis	Forest Red Gum
Eucalyptus moluccana	Grey Box
Eucalyptus longifolia	Woollybutt
Eucalyptus robusta	Swamp Mahogany
Eucalyptus amplifolia	Cabbage Gum
Eucalyptus eugenioides	Thin-leaved Stringybark
Angophora floribunda	Rough Barked Apple
Banksia integrifolia	Coastal Banksia

Shrubs (tubestock-2/m2)	
Kunzea ambigua	Tick bush
Leptospermum polygalifolium	Lemon-scented Tea-tree
Acacia parramattensis	Parramatta Green Wattle
Acacia ulicifolia	Prickly Moses
Acacia falcata	
Acacia floribunda	White Sallow Wattle
Acacia longifolia var longifolia	Sydney Golden Wattle
Hibertia aspera	Rough Guinea Flower
Hibbertia diffusa	
Omalanthus populifolius	Bleeding Heart
Davesia ulicifolia	
Indigofera australis	
Callistemon linearis	Narrow-leaved Bottlebrush
Callistemon rigidus	Stiff Bottlebrush
Leptospermum trinervium	Paperbark Tea-tree
	Mock Olive
Hakea bakerana	
Hakea sericea	Bushy Needlebush
Bursaria spinosa	Blackthorn
Personia linearis	Narrow-leaved Geebung
Leptospermum laevigatum	Coastal Tea tree
Dodonea triquetra	
Lasiopetalum parvifolium	

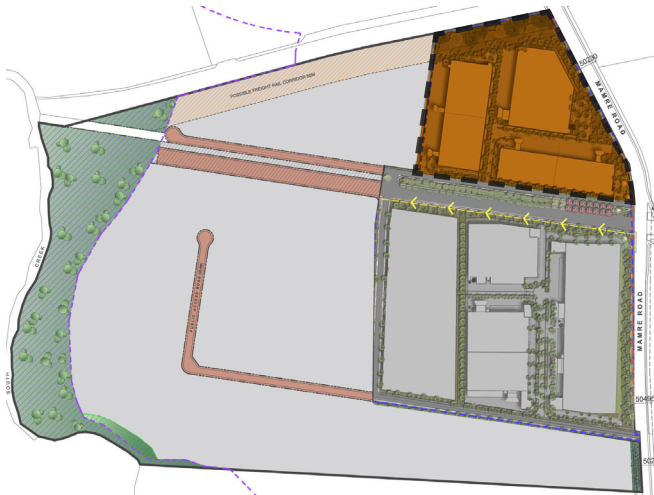
Vines/ground covers/herbs (tubestock-5m2)	
Pandorea pandorana	Wonga Wonga Vine
Kennedia rubicunda	
Hardenbergia violacea	False Sarsaparilla
Geranium homeanum	Northern Cranesbill
Geranium solanderi var solanderi	Cutleaf Cranesbill
Hydrocotyle peduncularis	
Clematis aristata	Old Man's Beard
Clematis glycinoides	Forest Clematis
Centella asiatica	
Dichondra repens	
Convolvulus erubescens	
Pratia purpurascens	White Root

Grasses (tubestock -5m2)	
Themeda australis	Kangaroo Grass
Lomandra longifolia	Mat Rush
Anisopogon avenaceus	Oat Speargrass
Danthonia tenuior	
Dichelachne micrantha	Shorthair Plume Grass
Entolasia stricta	
Microleana stipoides	Weeping Grass
Stipa pubescens	Tall Speargrass
Poa affinis	

INDICATIVE BIO-BASIN PLANT LIST

Bio-Basin Plants (tubestock -8m2)	
Carex spp	Bergala Tussock
Cyperus imbecillis	Flat Sedge
Cyperus tetraphyllus	Sedge
Dianella spp	Flax Lily
Eleocharis sphacelata	Spike Rush
Gannia spp	Sword Sedge
Juncus spp	Common Rush
Persicaria spp	Knotweed
Schoenoplectus validus	River Club Rush

LANDSCAPE: PLANTING STRATEGY ZONING (Stage One)



KEY PLAN
(N.T.S.)

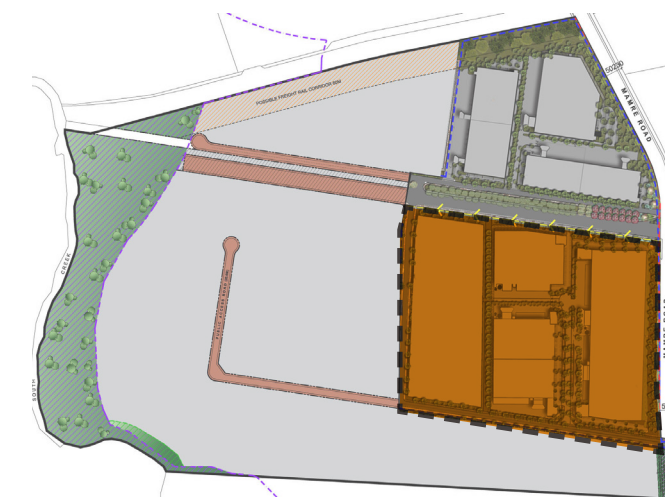
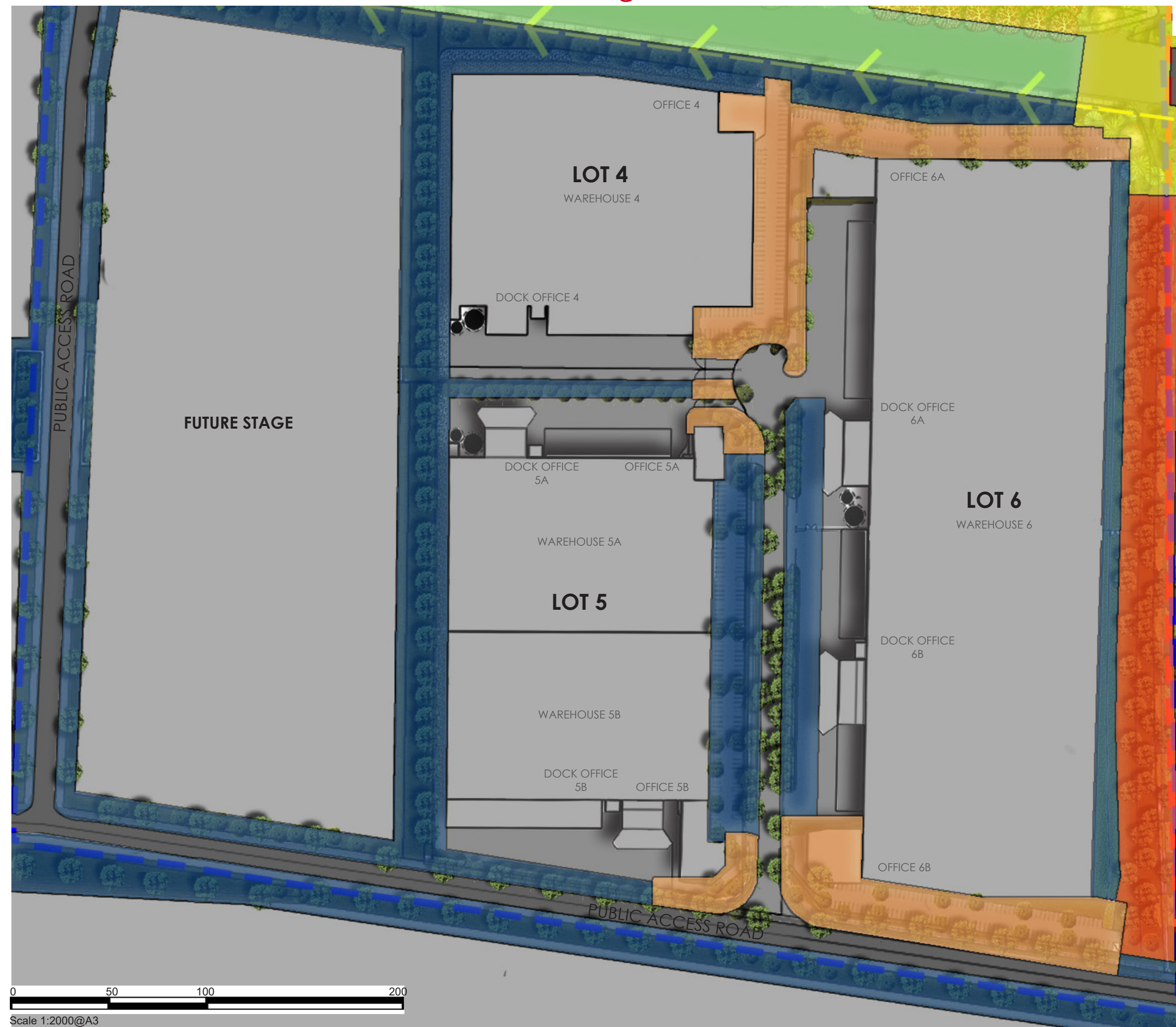
LEGEND

- Entry Feature Area (Feature Planting Schedule C)
- The Greenline Avenue (Cumberland Plain Planting Schedule A)
- Boundary (Cumberland Plain Planting Schedule A)
- Carpark + Office Landscape (Cumberland Plain Planting Schedule A + Feature Planting Schedule B)
- Secondary Street Tree and Setback Planting (Feature Planting Schedule B)

- Stage One Boundary
- Site Boundary

0 50 100 200
Scale 1:2000@A3

LANDSCAPE: PLANTING STRATEGY ZONING (Stage One)



KEY PLAN
(N.T.S.)

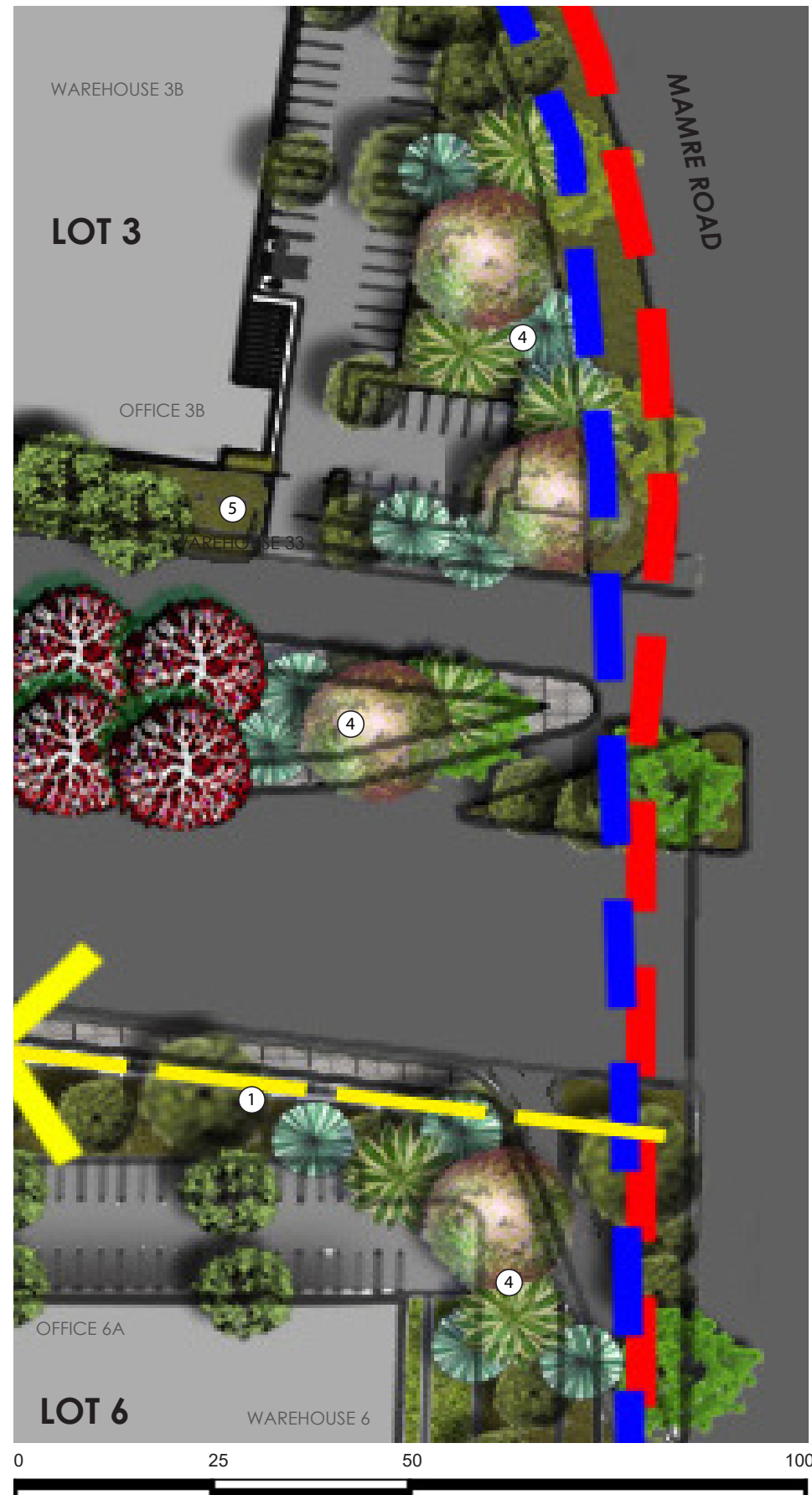
LEGEND

- Entry Feature Area (Feature Planting Schedule C)
- The Greenline Avenue (Cumberland Plain Planting Schedule A)
- Boundary (Cumberland Plain Planting Schedule A)
- Carpark + Office Landscape (Cumberland Plain Planting Schedule A + Feature Planting Schedule B)
- Secondary Street Tree and Setback Planting (Feature Planting Schedule B)

- Stage One Boundary
- Site Boundary

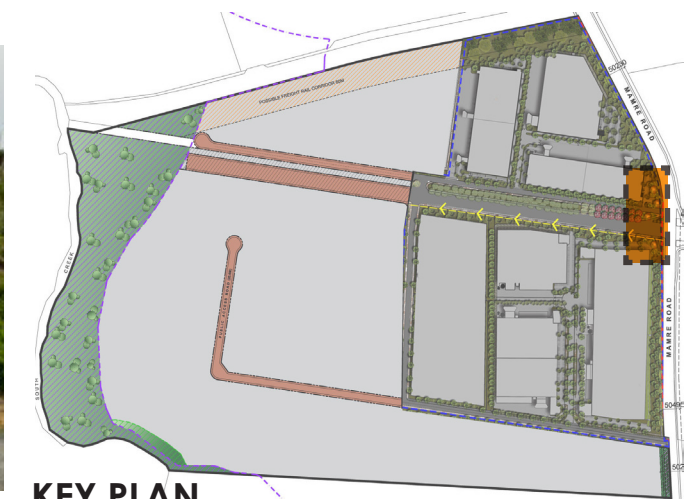
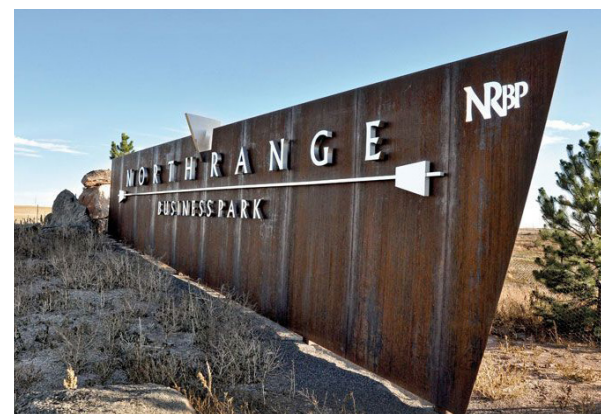
0 50 100 200
Scale 1:2000@A3

LANDSCAPE: DETAIL CONCEPT PLAN (ESTATE ENTRY)



Scale 1:750@A3

DESIGN PRECEDENT IMAGES



KEY PLAN
(N.T.S.)

LEGEND

- ① Regional Bike Path Connection
- ② Secondary Street Trees and Setbacks (Refer to Feature Planting Schedule B)
- ③ "The Green Line" Avenue Planting (Refer to Cumberland Plain Planting Schedule A)
- ④ Estate Entry (See Detail Plan + Entry Feature Planting Schedule C)
- ⑤ Carpark + Office Landscape (Refer to Feature Planting Schedule B)
- ⑥ Boundary Planting (Refer to Cumberland Plain Planting Schedule A)

- Stage One Boundary
- Site Boundary