



Woolworths Wetherill Park

# **Landscape State Significant Development Application**

July 2021



SITE IMAGE  
Landscape Architects



# Landscape Concept / Design Philosophy

## Designing to the *Greener Places* and *Better Placed* Design Framework for Green Infrastructure:

Following the ethos of the ‘*Greener Places*’ design framework, this project focuses on providing canopy coverage and vegetated setbacks along both Victoria Street and Redfern Street to the north and south of the property.

Victoria Street to the south of the site, facing Wetherill Park Nature Reserve area, will act as the formal entry to the site consisting of organised planting, canopy trees and gabion walls (containing natural stone locally sourced). The plant material will be a mix of native and non invasive exotic species of trees shrubs and ground covers, creating texture and contrast and colour variation to the planting design.

The Redfern Street Frontage shall contrast in aesthetic hosting a strictly Cumberland Plain Woodland Forest plant mix increasing ecology tree cover and softening to the built form.

Tree canopies across the site shall be increased extensively mainly through the use of native species introduced to these setbacks.

## Incorporating the *Greener Places* and *Better Places* principles through the landscape design philosophy:

### 1. Integration & Better for community

#### *Combine green infrastructure with urban development and grey infrastructure*

This principle seeks to transition away from single purpose grey infrastructure and promote the benefits of diversifying the use of developments through integration of green infrastructure. Throughout Wetherill Park there is a multitude of large industrial lots dominated by considerable areas of asphalt and concrete. Despite this, the relatively low density of the suburb provides great opportunity for green setbacks and tree lined streets along arterial roads and residential streets.

### 2. Connectivity

#### *Create an interconnected network of open space*

Connection and enhancing community amenity is one of the most critical principles within the framework. This development pursues connectivity through the following:

- Increased street tree planting which in turn provides increased canopy coverage
- The addition of a shared footpath to Redfern street
- Enhanced network of green streets in Wetherill Park
- Encouragement of walking and cycling to Woolworths
- Minimise fragmentation of core bushland through the use of Cumberland Plain Woodland Planting to Redfern Street

### 3. Multifunctionality & Better Fit

#### *Good design in the built environment is informed by and derived from its location, context and social setting.*

The proximity of the site to the Wetherill Park Nature Reserve provides a great opportunity to create a link to the sites contextual values and historical character. The location also highlights the importance of threading Cumberland Plain Woodland species into the new development where possible. As indicated in the *better places* objectives, new developments contribute to a locality’s context and character and create a dialogue with established places such as the reserve.

Multifunctionality as a principle, also places emphasis on diversity of ecosystems and the Victoria Street frontage adopts this by including a mix of natives and non invasive planting species to enhance biodiversity.

### 4. Participation & Better Value

#### *Involve stakeholders in development and implementation*

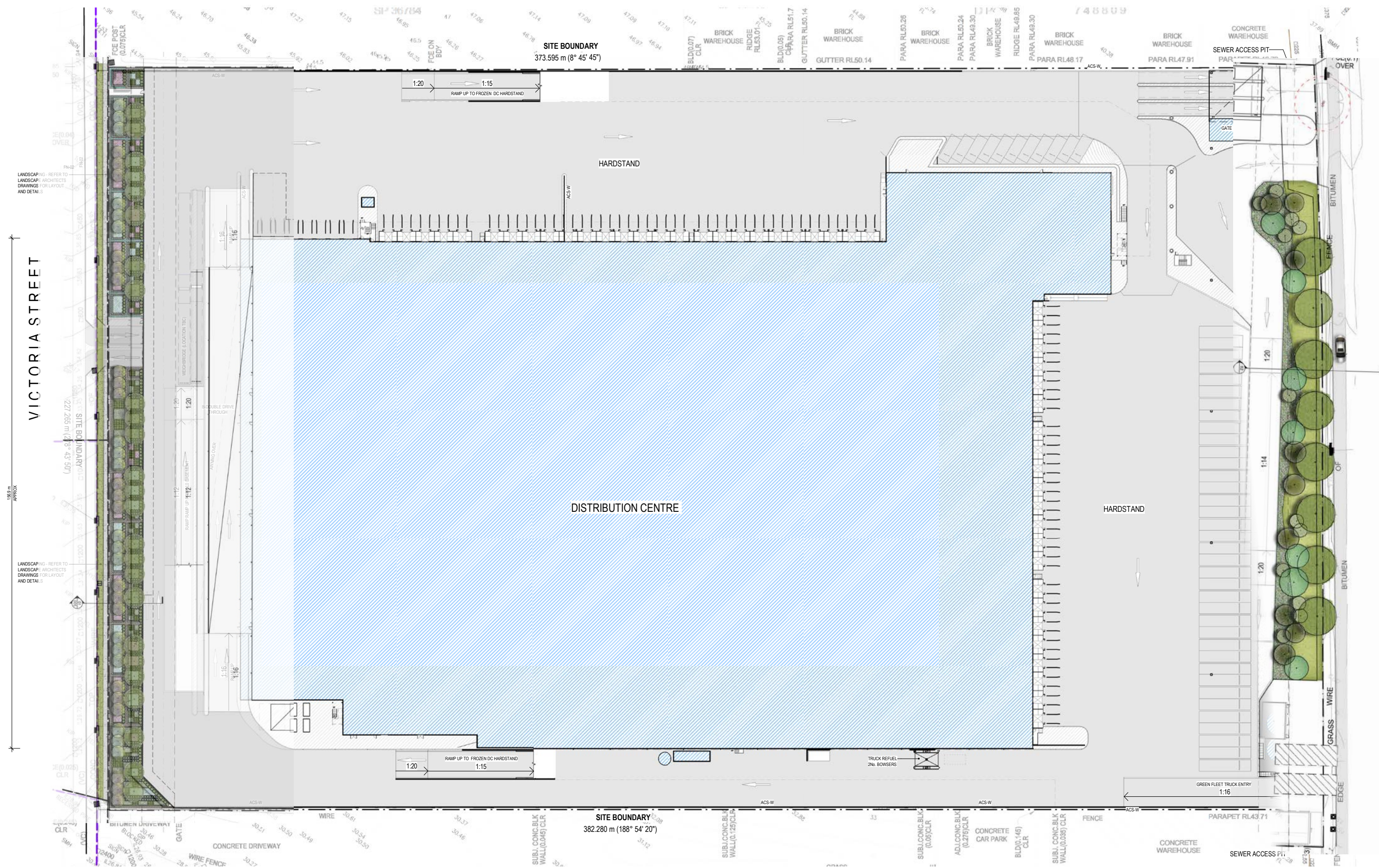
Participation as a principle seeks to involve the knowledge and needs of diverse parties in relation to planning. By balancing the interest of all stakeholders Woolworths can maximise the benefits of the proposed green space. The currently under utilised Redfern Street frontage will be transformed through canopy trees, Cumberland Plain Woodland Forest species, a permeable fence to provide visual connections to the site and a footpath to promote activation. Victoria Street promotes a more aesthetic approach to greening the entry through formal planting, gabion walls and medium to large canopy trees.

## The key benefits of adopting the *Greener Places* and *Better Places* framework as a basis for this design include:

- Increased attractiveness of local high streets
- Greater inward investment opportunities
- Cleaner air
- Reduced flood risk
- Improved microclimate
- Improved visual amenity
- Improved local habitat
- Cleaner water in our creeks and rivers



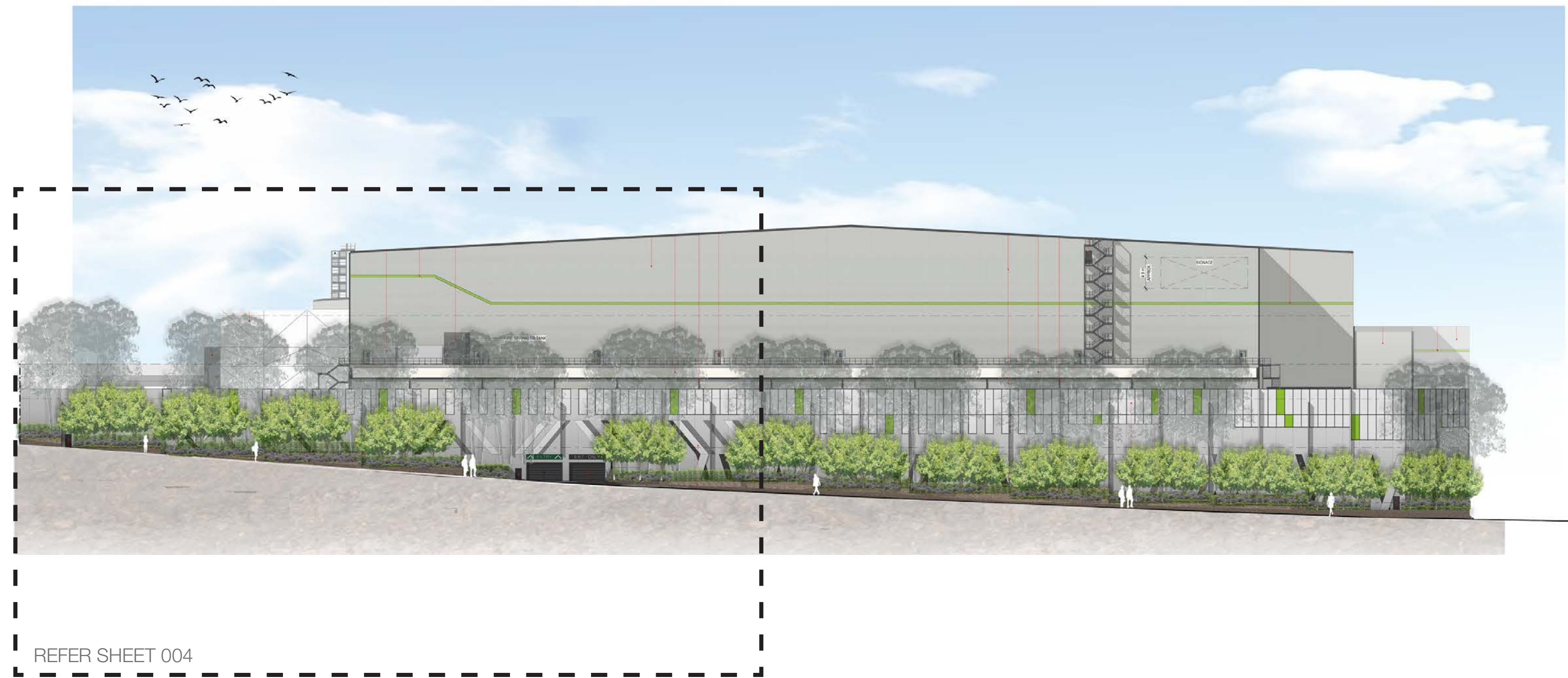
Landscape Concept /  
Site Plan





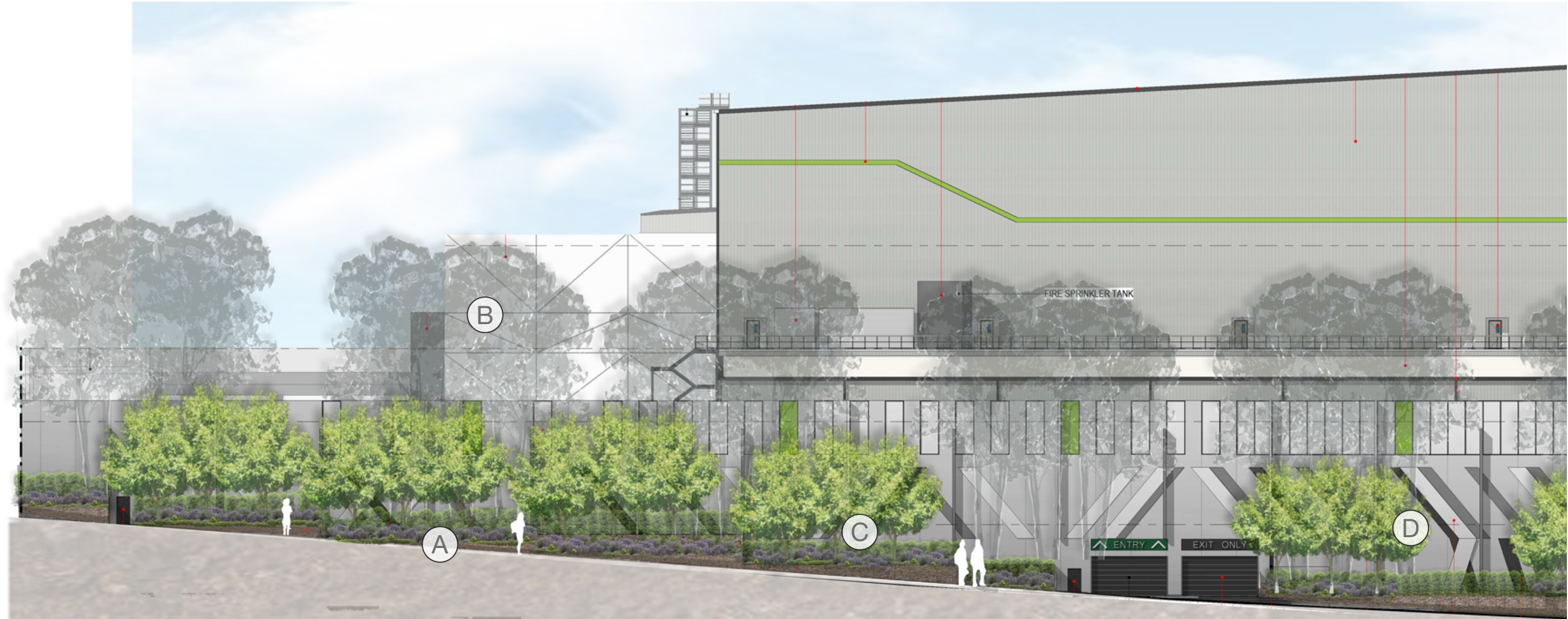








Landscape Concept /  
Victoria Road Detail Elevation



- A. Sandstone gabion wall to terraces
- B. Canopy tree planting of *Corymbia Maculata*
- C. Mix of sculptural and trailing plants to terraces along Victoria road.
- D. Medium sized trees planting of *Waterhousea floribunda* to help layer planting



Landscape Concept /  
Victoria Road Detail Section and Materiality



Sandstone gabion wall to terraces



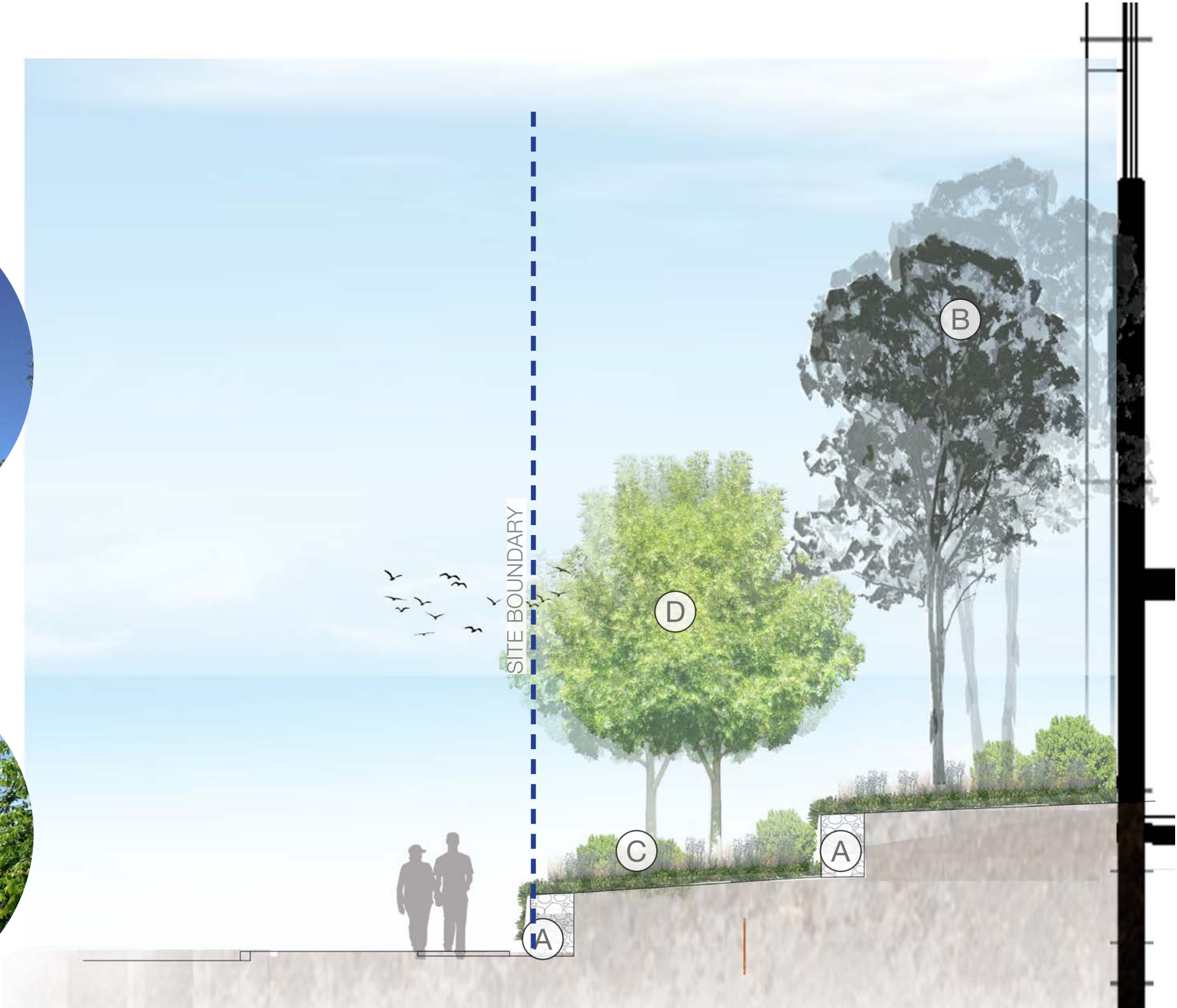
Canopy tree planting of *Corymbia Maculata*



Mix of sculptural and trailing plants to terraces along Victoria road



Medium sized trees planting of *Waterhousea floribunda* to help layer planting





Landscape Concept /  
Victoria Street Proposed Planting Palette



Botanical Name:  
*Alternanthera dentata 'Little Ruby'*  
Common Name:  
Ruby Leaf Alternanthera



Botanical Name:  
*Calistemon 'Great Balls of Fire'*  
Common Name:  
Bottlebrush



Botanical Name:  
*Trachelospermum jasminoides*  
Common Name:  
Star Jasmine



Botanical Name:  
*Westringia 'Blue Gem'*  
Common Name:  
Coastal Rosemary



Botanical Name:  
*Corymbia maculata*  
Common Name:  
Spotted Gum



Botanical Name:  
*Waterhousea floribunda*  
Common Name:  
Weeping Lilli Pilli



Botanical Name:  
*Raphiolepis indica 'Snow Maiden'*  
Common Name:  
Indian Hawthorn



Botanical Name:  
*Rosemary officinalis 'Irene'*  
Common Name:  
Rosemary



Botanical Name:  
*Viburnum odoratissimum*  
Common Name:  
Viburnum



Botanical Name:  
*Nandia domestica 'Blush'*  
Common Name:  
Sacred Bamboo



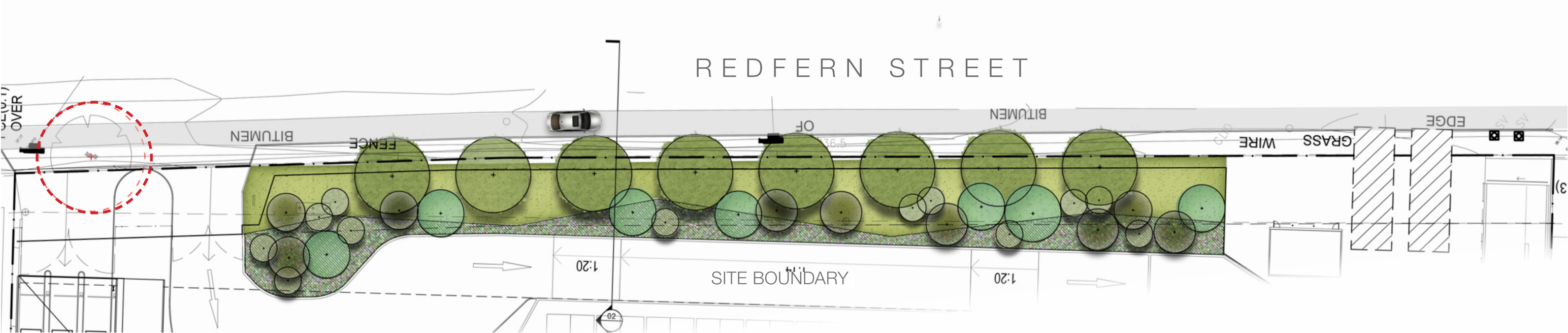
Botanical Name:  
*Beschorneria yuccoides*  
Common Name:  
Mexican Lily



Botanical Name:  
*Lomandra longifolia*  
Common Name:  
Flax-Lily



# Landscape Concept / Typical Redfern Street Plan



Due to the removal of a significant *Eucalyptus* sp. the proposal for the Redfern Street frontage consists of 400L *Corymbia Maculata* trees installed in the street reserve. The volume and scale of the trees help to soften the building and provide canopy coverage along the street.



Existing *Euc* sp. to be Removed



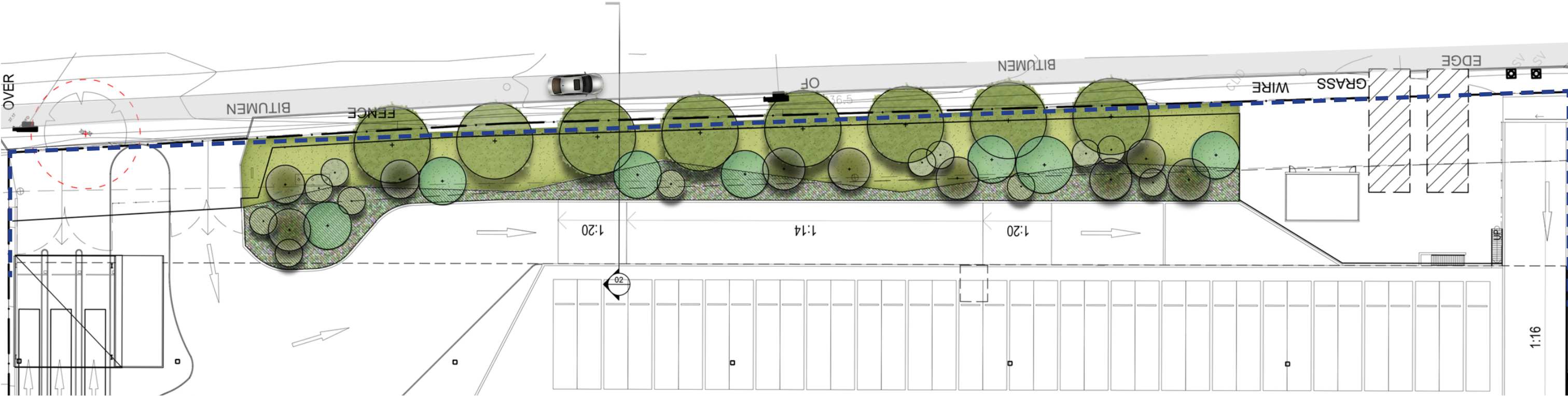
Street tree planting of *Corymbia Maculata* (400L)  
to be planted along Redern Street



Redern Street Elevation



# Landscape Concept / Northern Boundary Planting



The Northern end of the site currently reflects low lying planting which is located on the periphery of an industrial site. The proposed mixture of Cumberland Plain planting species aim to enhance the street scape and demonstrate a strong sense of a native ecological community. The mix of planting consists of open and dense areas, dominated by *Corymbia Maculata* as the main structural planting.

## Cumberland Plain Woodland Forest Planting



Large Canopy Trees



Medium sized trees



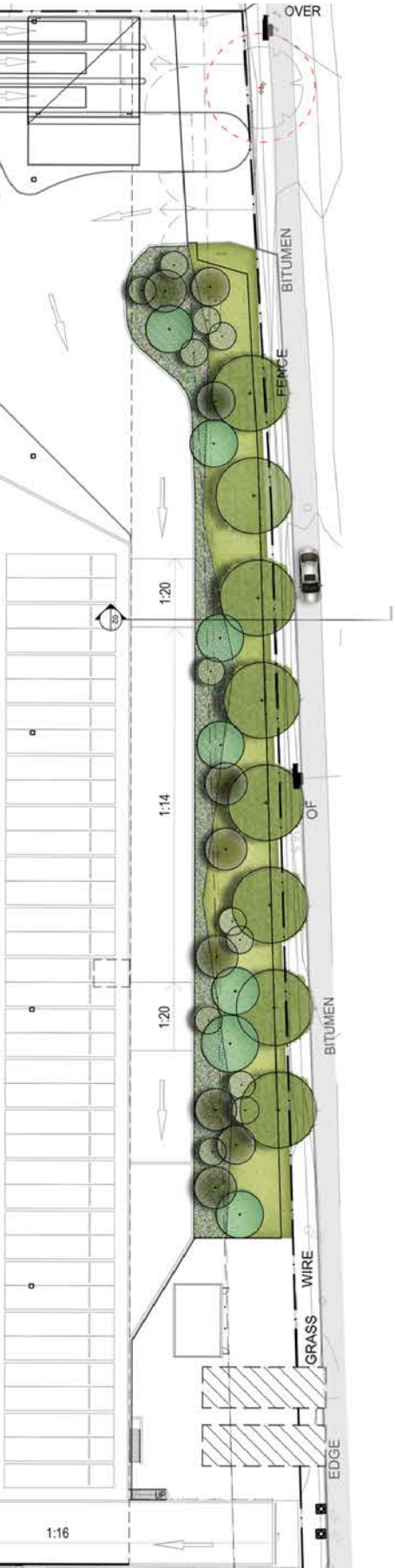
Native Shrubs



Grasses, sedges and groundcovers



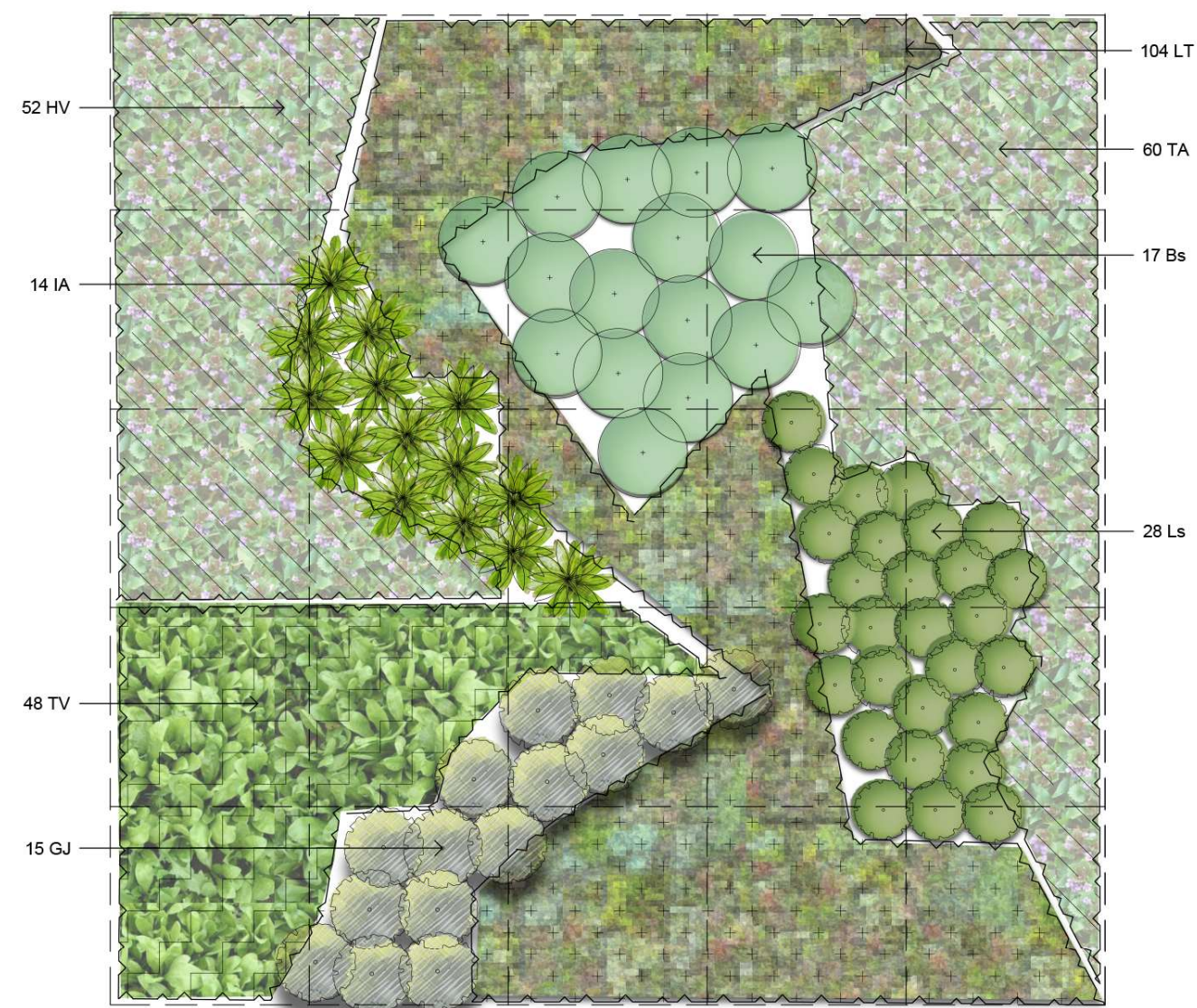
Landscape Concept /  
Redfern Street Boundary Section



Redfern Street Section



Landscape Concept /  
Redfern Street Understory Planting Matrix



*Bursaria spinosa*



*Lomandra longifolia*



*Grevillea juniperina*



*Hardenbergia violacea*



*Lissanthe strigosa*



*Themeda australis*

	Botanic Name	Common Name	Mature Size
Trees			
AI	<i>Acacia implexa</i>	Hickory Wattle	7x4
CM	<i>Corymbia Maculata</i>	Spotted Gum	30x10m
MD	<i>Melaleuca decora</i>	White Feather Honey Myrtle	7 x 5
Shrubs and Accents			
BS	<i>Bursaria spinosa</i>	Blackthorn	4 x 2
LS	<i>Lissanthe strigosa</i>	Peach heath	1x1.5
GJ	<i>Grevillea Junipera</i>	Juniper leaved grevillea	1.5x1
IA	<i>Indigofera australis</i>	Australian indigo	1x2m
Grasses and Groundcovers			
LT	<i>Lomandra longifolia</i>	Mat Rush	.6 x .6
TA	<i>Themeda Australis</i>	Kangaroo Grass	.6x .6
TE	<i>Tricoryne elatior</i>	Yellow Rush Lily	.4 x.6
HV	<i>Hardenbergia violacea</i>	False Sardaparilla	.5 x 1



SITE IMAGE  
Landscape Architects



Woolworths Wetherill Park | SSDA

Client  
Site Image Job Number

Woolworths Australia  
SS21-4591

Drawing Number  
Issue  
Date

0012  
C  
06.07.2021



Landscape Concept /  
Redfern Street Planting Palette



Botanical Name:  
*Melaleuca decora*  
Common Name:  
White feather Honeymyrtle



Botanical Name:  
*Themeda australis*  
Common Name:  
Kangaroo Grass



Botanical Name:  
*Lomandra longifolia*  
Common Name:  
Matrush



Botanical Name:  
*Indigofera australis*  
Common Name:  
Austral indigo



Botanical Name:  
*Corymbia maculata*  
Common Name:  
Spotted Gum



Botanical Name:  
*Hardenbergia violacea*  
Common Name:  
Native sarsaparilla



Botanical Name:  
*Tricoryne elatior*  
Common Name:  
Yellow rush-lily



Botanical Name:  
*Lissanthe strigosa*  
Common Name:  
Peach heath



Botanical Name:  
*Grevillea juniperina*  
Common Name:  
Juniper-leaf grevillea



Botanical Name:  
*Bursaria spinosa*  
Common Name:  
Blackthorn



Botanical Name:  
*Acacia implexa*  
Common Name:  
Hickory wattle