



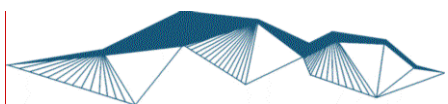
## Whitfield streetscape upgrade landscape documentation

Sheet no.	Title
1.	Cover and index - this sheet
2.	Sheet layout plan
3.	Intersection Landscape plan
4.	Landscape plan
5.	Landscape plan
6.	Landscape plan
7.	Landscape plan
8.	Landscape plan
9.	Retaining wall detail
10.	Rest area detail
11.	Raised planter detail
12.	Planting Plan 1
13.	Planting Plan 2
14.	Planting notes

Added 05.01.22

15.	Bike Rack detail
16.	Typical bench detail

Rev no.	Revision	Date
1.	Draft for comment	09.12.21
2.	Revised draft for comment	15.12.21
3.	Issued for Tender	05.01.22
4.	Property numbers updated	11.02.22



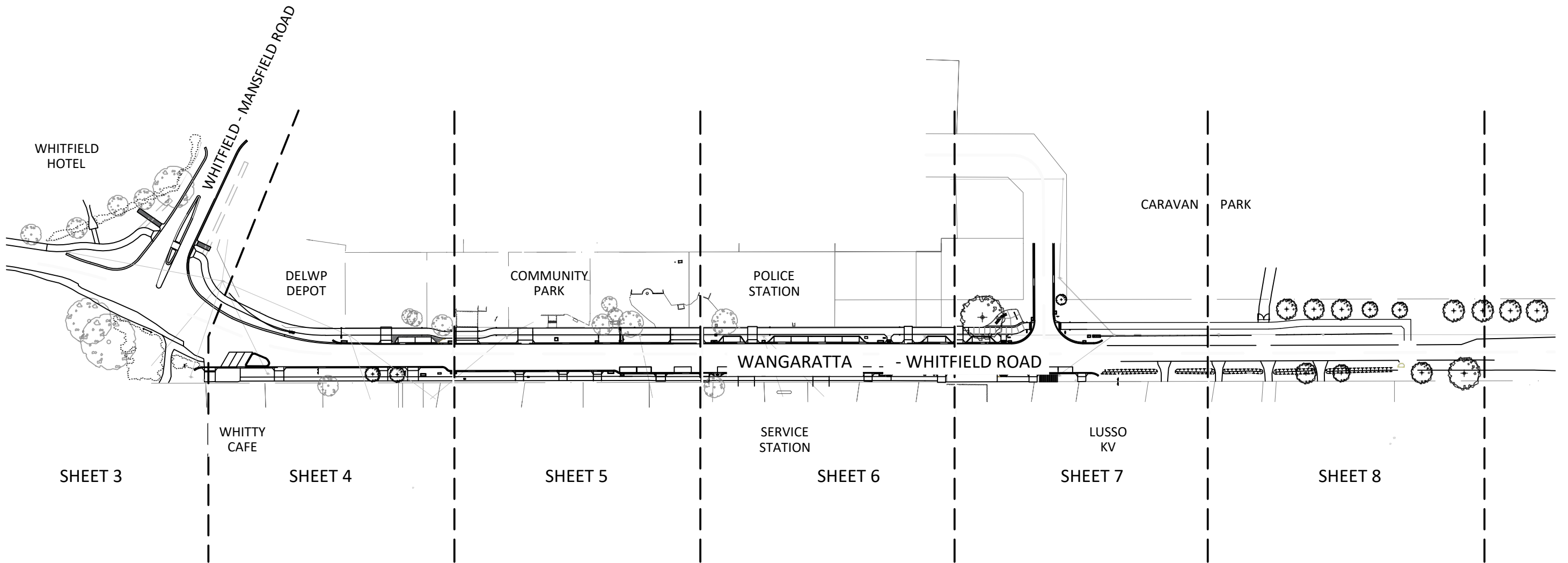
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Rural City of  
**Wangaratta**

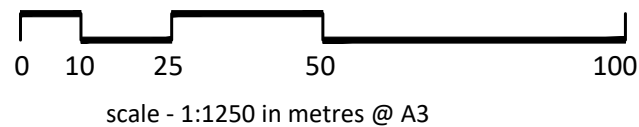


North



  
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**Sheet layout**  
 Whitfield streetscape upgrade  
 Sheet 2 of 16 January 2022





North

Rubble drainage swale  
Refer engineers  
drawings for detail

Establish grass to  
extent of new kerb

WHITFIELD HOTEL

Future path

EXISTING PAVING

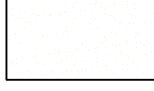
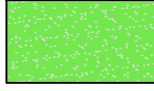


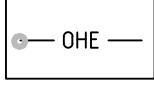
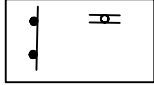
FUTURE PATH

SHARED PATH

WHITFIELD - MANSFIELD ROAD

Establish grass to  
extent of new kerb

Legend

-  Existing grassed area to be retained
-  Grass nature strip. Establish with topsoil, grass seed and fertilizer
-  Compacted gravel
-  Existing tree to be retained
-  Overhead electric
-  Signage

Blend new grass areas with existing

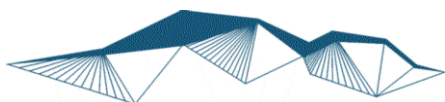
Rubble drainage swale  
Refer engineers  
drawings for detail

WANGARATTA - WHITFIELD ROAD

FUTURE PATH

SHARED PATH

REFER SHEET 4  
FOR  
CONTINUATION



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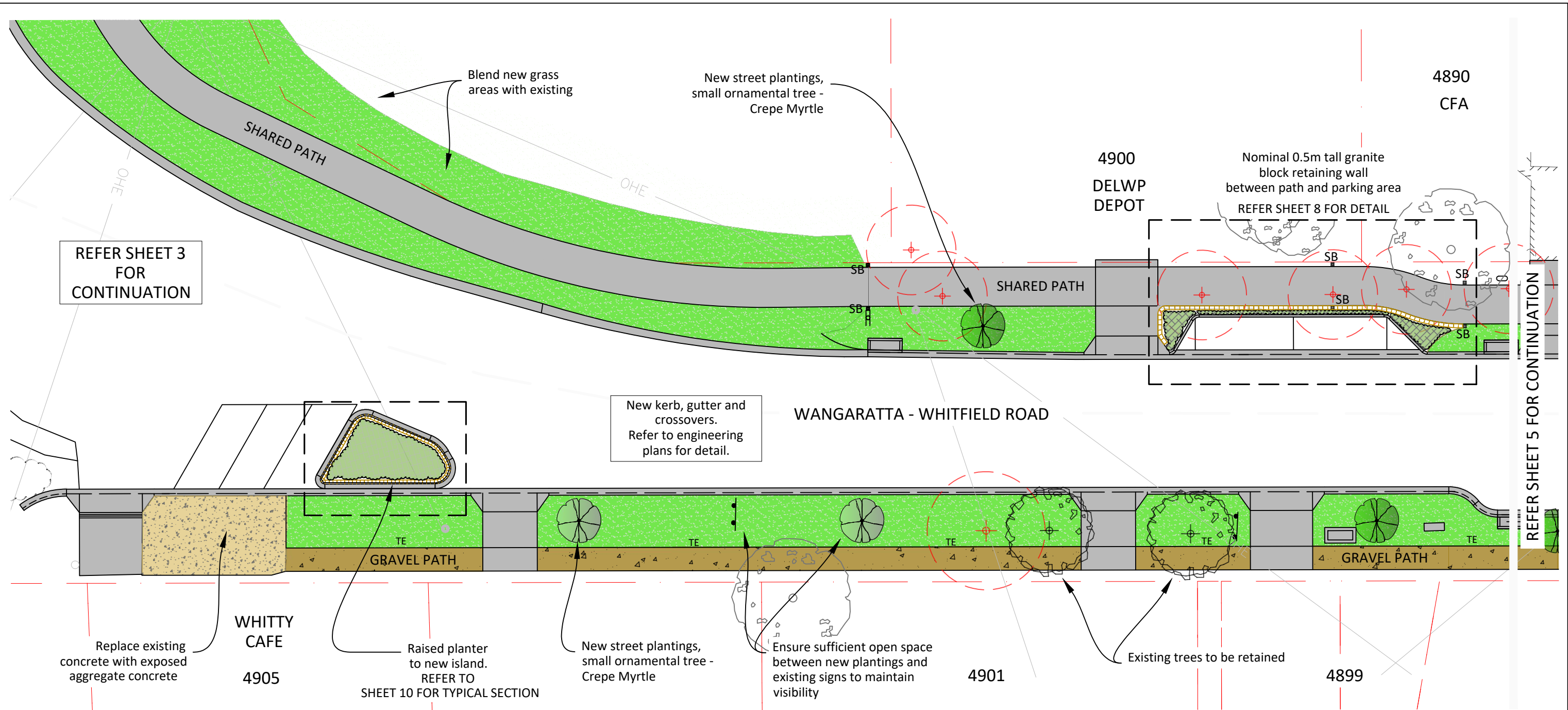
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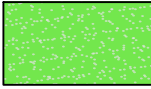


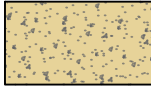

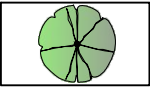
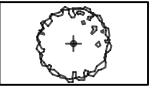

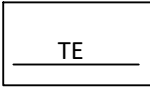
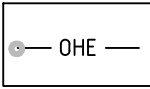

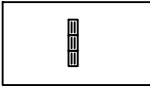
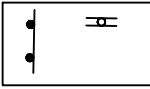
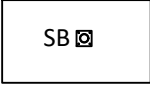


# Landscape Plan

Whitfield streetscape upgrade  
Sheet 3 of 16 January 2022



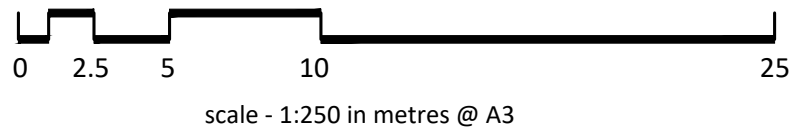
**Legend**

-  Existing grassed area to be retained
-  Grass nature strip. Establish with topsoil, grass seed and fertilizer
-  Compacted gravel
-  Concrete
-  Exposed aggregate concrete
-  Garden bed
-  New tree. Refer to Planting Plan for species
-  Existing tree to be retained
-  Existing tree to be removed
-  TE Timber edging
-  OHE Overhead electric
-  Existing street light
-  Tactile indicators
-  Signage
-  SB Solar Bollard



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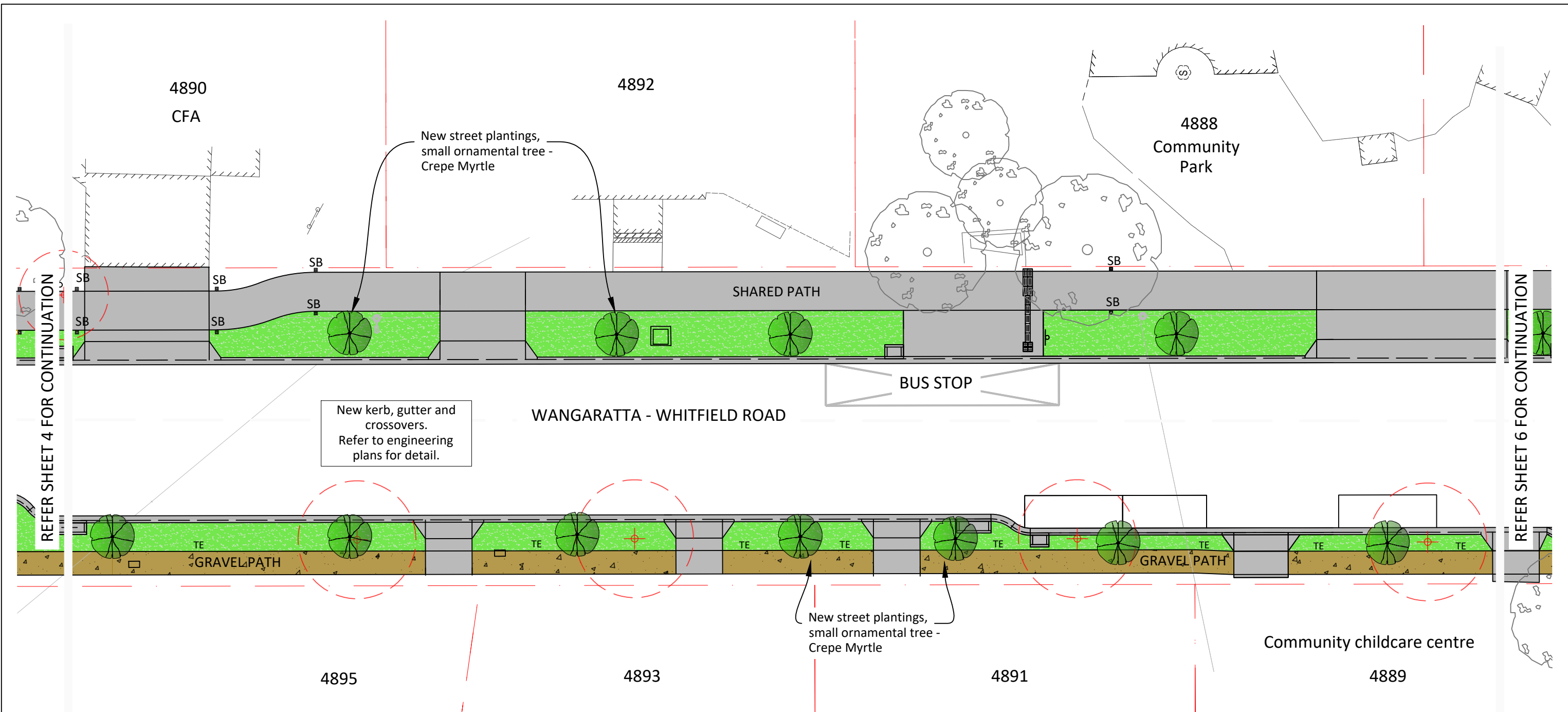


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**Landscape Plan**  
 Whitfield streetscape upgrade  
 Sheet 4 of 16 January 2022





New kerb, gutter and crossovers. Refer to engineering plans for detail.

New street plantings, small ornamental tree - Crepe Myrtle

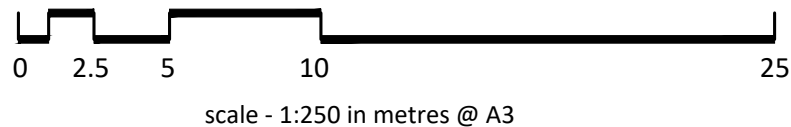
**Legend**

- Existing grassed area to be retained
- Grass nature strip. Establish with topsoil, grass seed and fertilizer
- Compacted gravel
- Concrete
- Exposed aggregate concrete
- New tree. Refer to Planting Plan for species
- Existing tree to be retained
- Existing tree to be removed
- Timber edging
- Overhead electric
- Existing street light
- Tactile indicators
- Signage
- Solar Bollard



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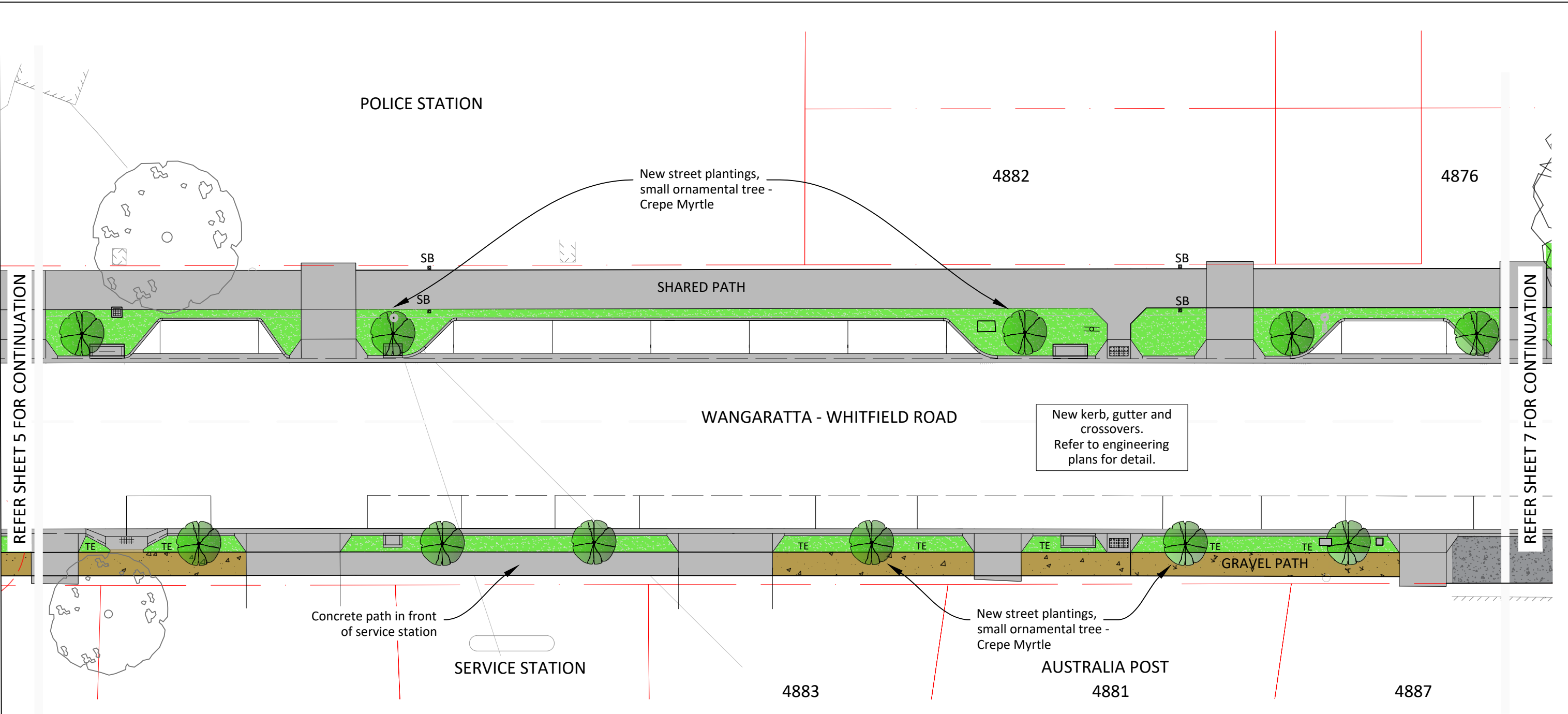
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**Landscape Plan**  
 Whitfield streetscape upgrade  
 Sheet 5 of 16 January 2022



REFER SHEET 5 FOR CONTINUATION

REFER SHEET 7 FOR CONTINUATION

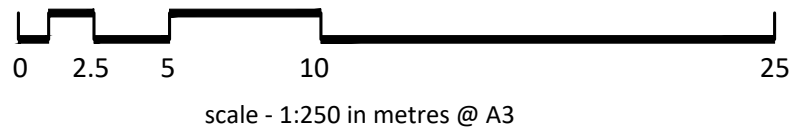
**Legend**

- Existing grassed area to be retained
- Grass nature strip. Establish with topsoil, grass seed and fertilizer
- Compacted gravel
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- Exposed aggregate concrete
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- Tactile indicators
- Signage
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**Landscape Plan**  
 Whitfield streetscape upgrade  
 Sheet 6 of 16 January 2022



4876

New paved rest area with seating and bike rack. Refer to Sheet 10 for detail

Re-establish disturbed areas with topsoil, grass seed and fertilizer

New trees to be in line with existing tree avenue to the north, (Refer Sheet 6).

10.0m 10.0m 10.0m 10.0m 10.0m

VALLEY VIEW DRIVE

SHARED PATH

Relocated Laurel shrubs, (by others)

New kerb, gutter and crossovers. Refer to engineering plans for detail.

Re-establish disturbed areas with topsoil, grass seed and fertilizer

WANGARATTA - WHITFIELD ROAD

REFER SHEET 6 FOR CONTINUATION

REFER SHEET 8 FOR CONTINUATION

EXISTING CONCRETE PAVING

GRAVEL PATH

EXISTING AWNING

Re-establish disturbed areas with topsoil, grass seed and fertilizer

LUSSO KV 4871

Existing cross over

4887

Re-establish with grass between new cross over and existing awning

4873

4869

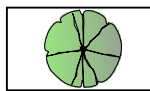
Legend



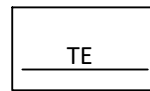
Existing grassed area to be retained



Concrete



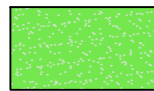
New tree. Refer to Planting Plan for species



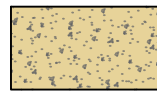
TE Timber edging



Tactile indicators



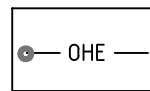
Grass nature strip. Establish with topsoil, grass seed and fertilizer



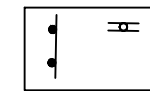
Exposed aggregate concrete



Existing tree to be retained



OHE Overhead electric



Signage



Compacted gravel



Garden bed



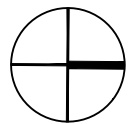
Existing tree to be removed



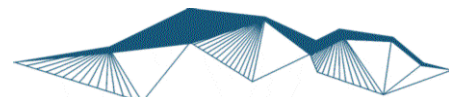
Existing street light



Solar Bollard



North



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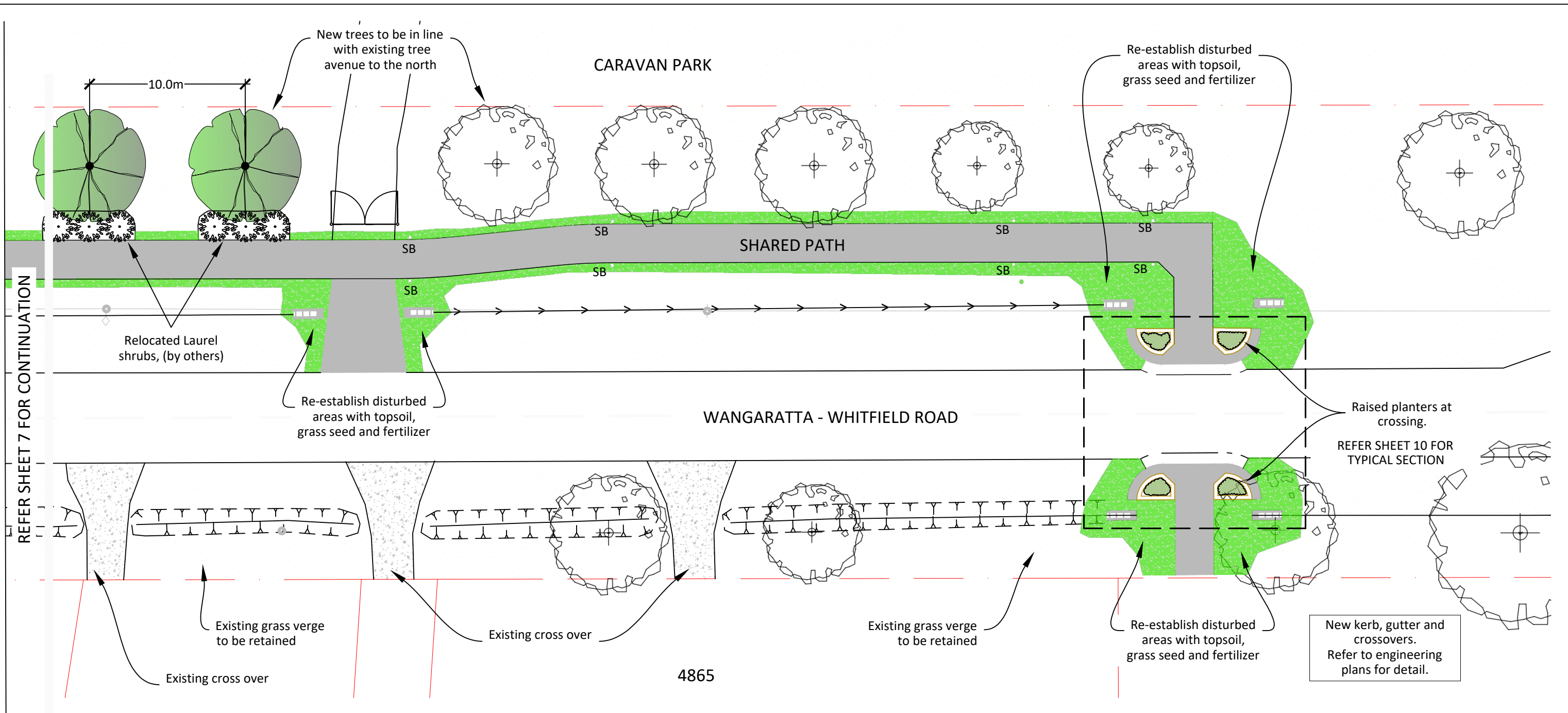
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Landscape Plan

Whitfield streetscape upgrade  
Sheet 7 of 16 January 2022



REFER SHEET 7 FOR CONTINUATION

REFER SHEET 10 FOR TYPICAL SECTION

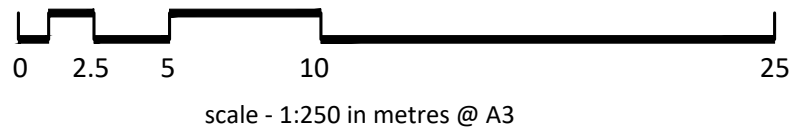
**Legend**

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- Grass nature strip. Establish with topsoil, grass seed and fertilizer
- Compacted gravel
- Concrete
- Exposed aggregate concrete
- Garden bed
- New tree. Refer to Planting Plan for species
- Existing tree to be retained
- Existing tree to be removed
- Timber edging
- Overhead electric
- Existing street light
- Tactile indicators
- Signage
- Solar Bollard



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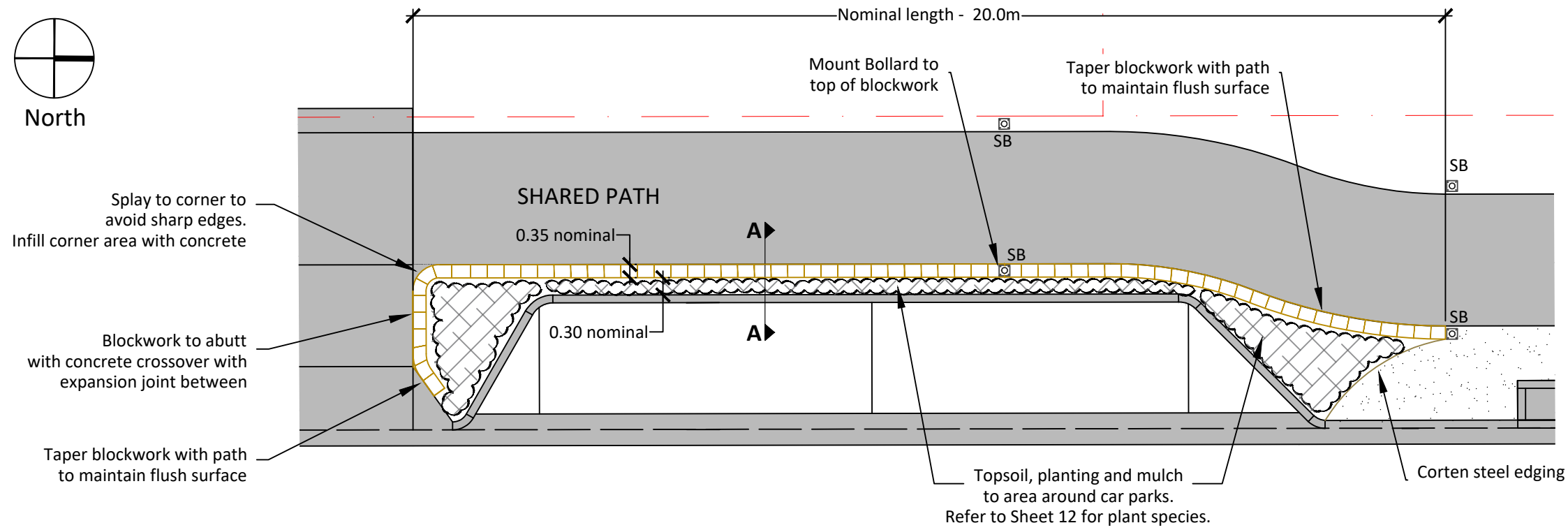
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**Landscape Plan**  
 Whitfield streetscape upgrade  
 Sheet 8 of 16 January 2022



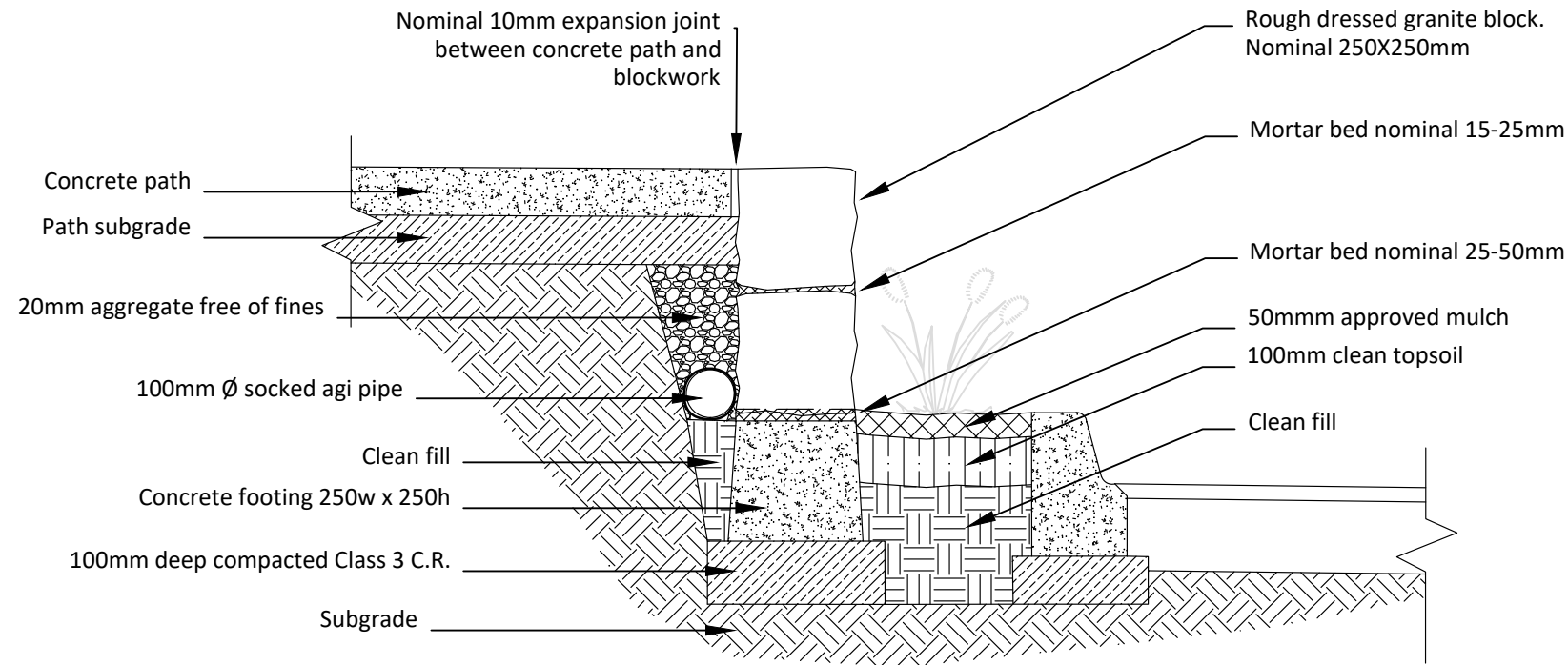


North



• Refer Sheet 2 for location and context

Plan  
Scale - 1:100



- Note:
- Blockwork to be flush with adjacent concrete.
  - No sharp edges or protrusions on block top face.
  - Dimensions are indicative only, final lengths to be confirmed on site.
  - Agi drain to connect to B2 Kerb adaptor, location to be confirmed on site.

Typical section AA  
Scale - 1:15

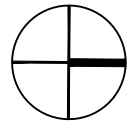
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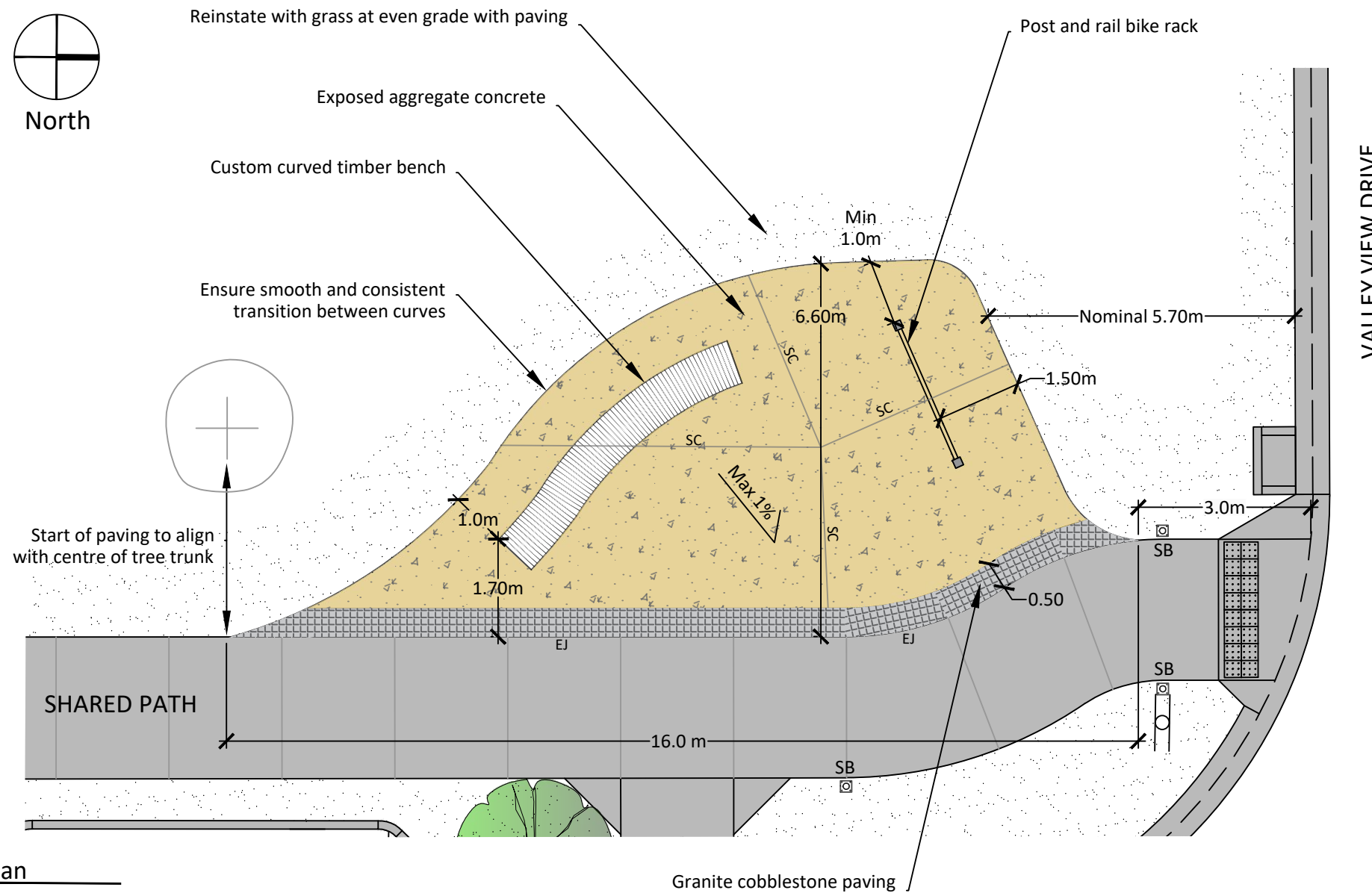
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**Retaining wall detail**  
Whitfield streetscape upgrade  
Sheet 9 of 16 January 2022

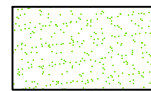
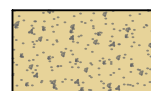



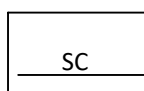


North



Plan  
Scale - 1:100

Legend

-  Grass nature strip. Establish with topsoil, grass seed and fertilizer
-  Exposed aggregate concrete. Max. 14mm aggregate
-  Concrete
-  Solar Bollard
-  Granite cobblestone
-  Saw cut

Note:  
Refer to engineers drawings for concrete finish.

Surface finishes



Granite cobblestone



Exposed aggregate concrete - 7mm aggregate

  
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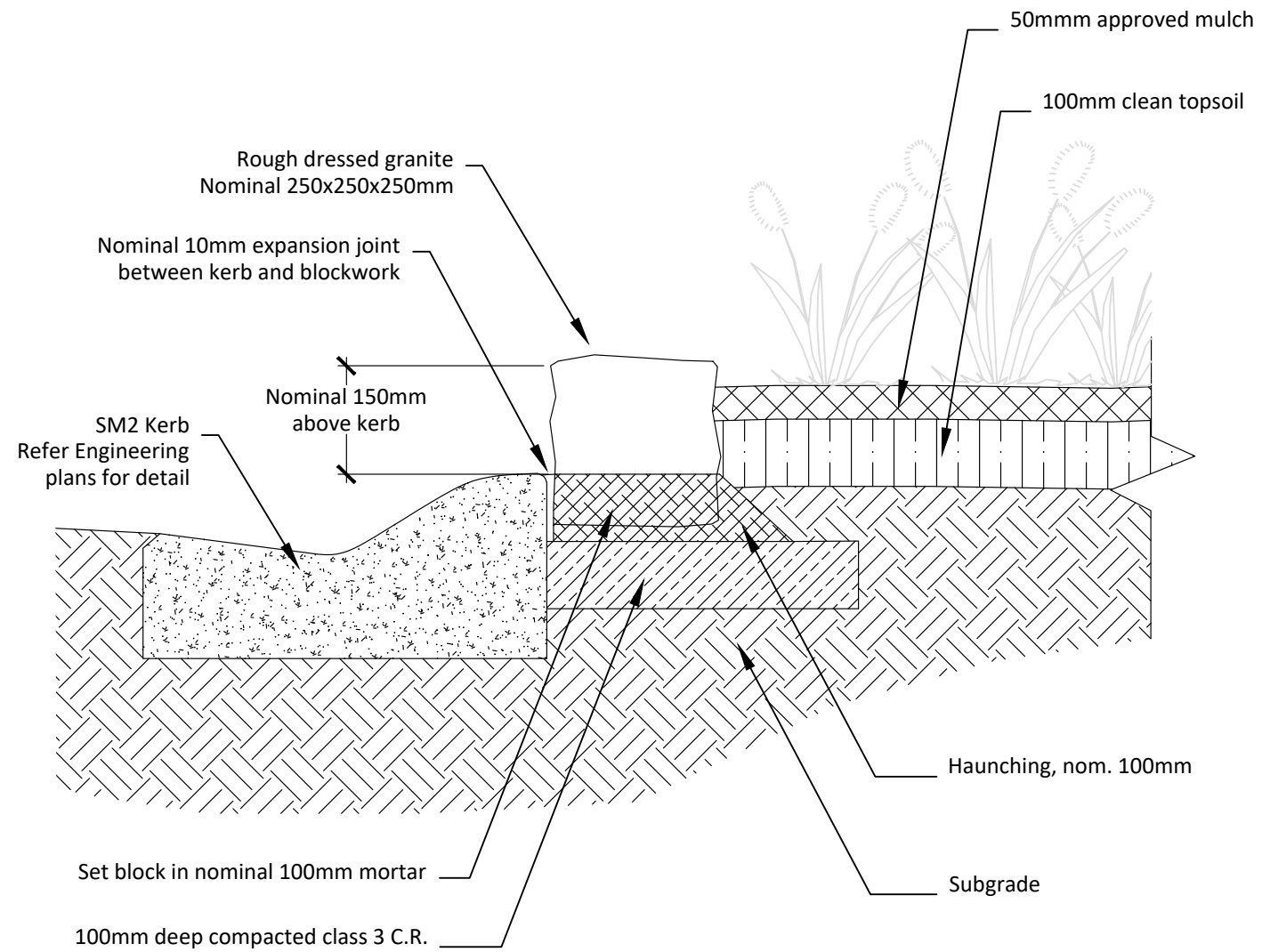
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**Rest area detail**  
 Whitfield streetscape upgrade  
 Sheet 10 of 16 January 2022

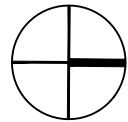




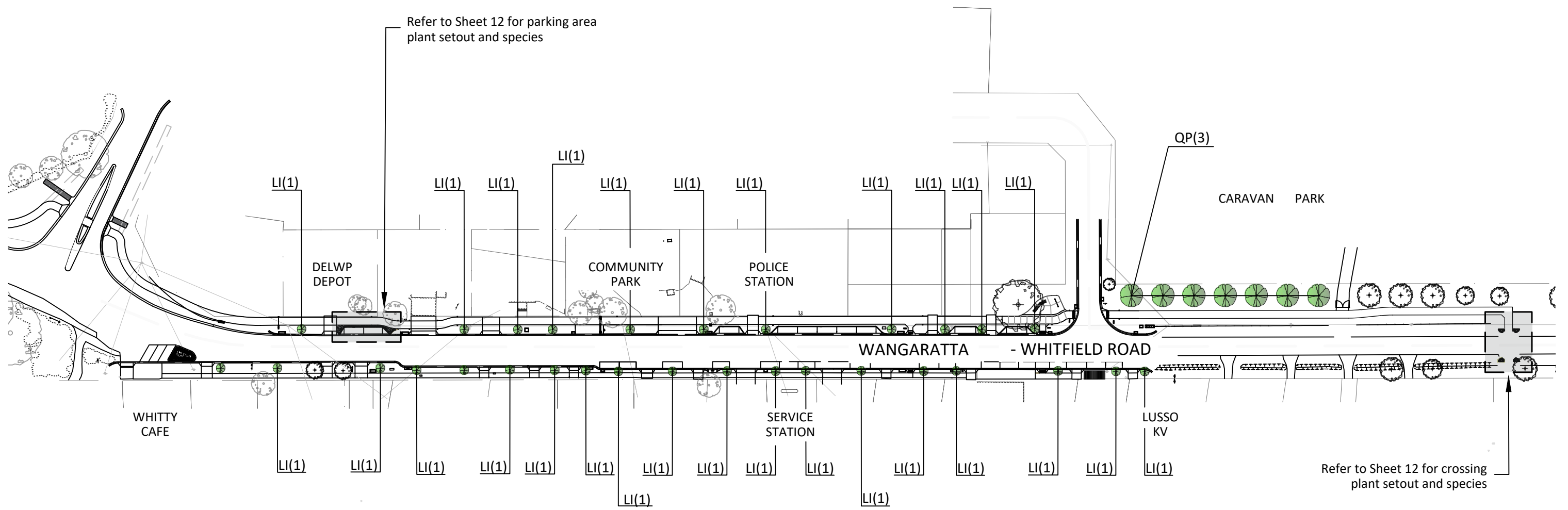
Typical section  
Scale - 1:10

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North



Code	Botanical name	Common name	HxS @ maturity	Total	Planting spacing	Planting size
<b>Trees</b>						
QP	<i>Quercus palustris</i>	Pin Oak	20x10m	7	As shown	45cm pot
LI	<i>Lagerstroemia indica x fauriei</i> 'Zuni'	Mauve Crepe Myrtle	3x3m	30	As shown	45cm pot

Note:  
 • Refer to Sheets 3 thru 7 for specific tree locations.

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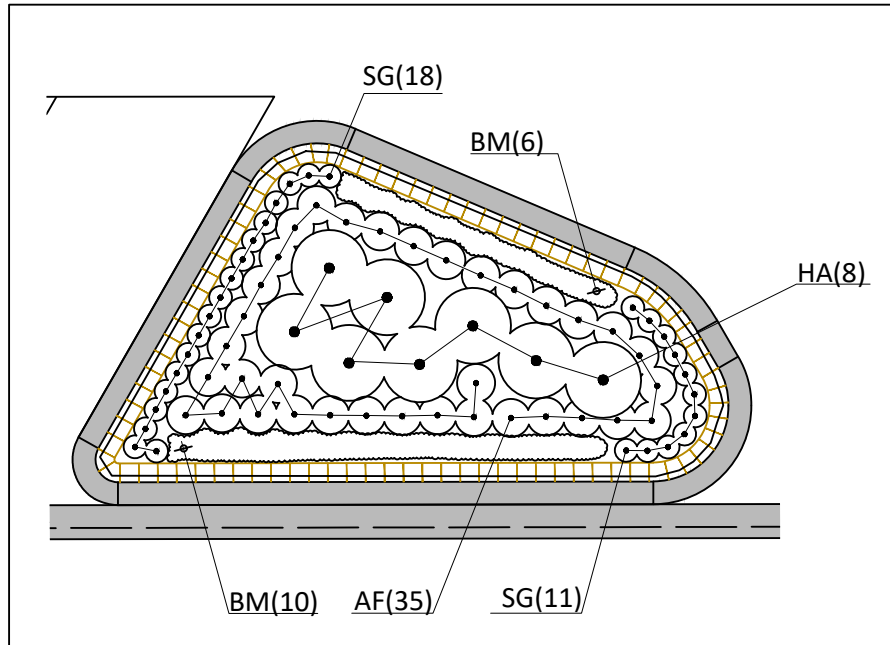
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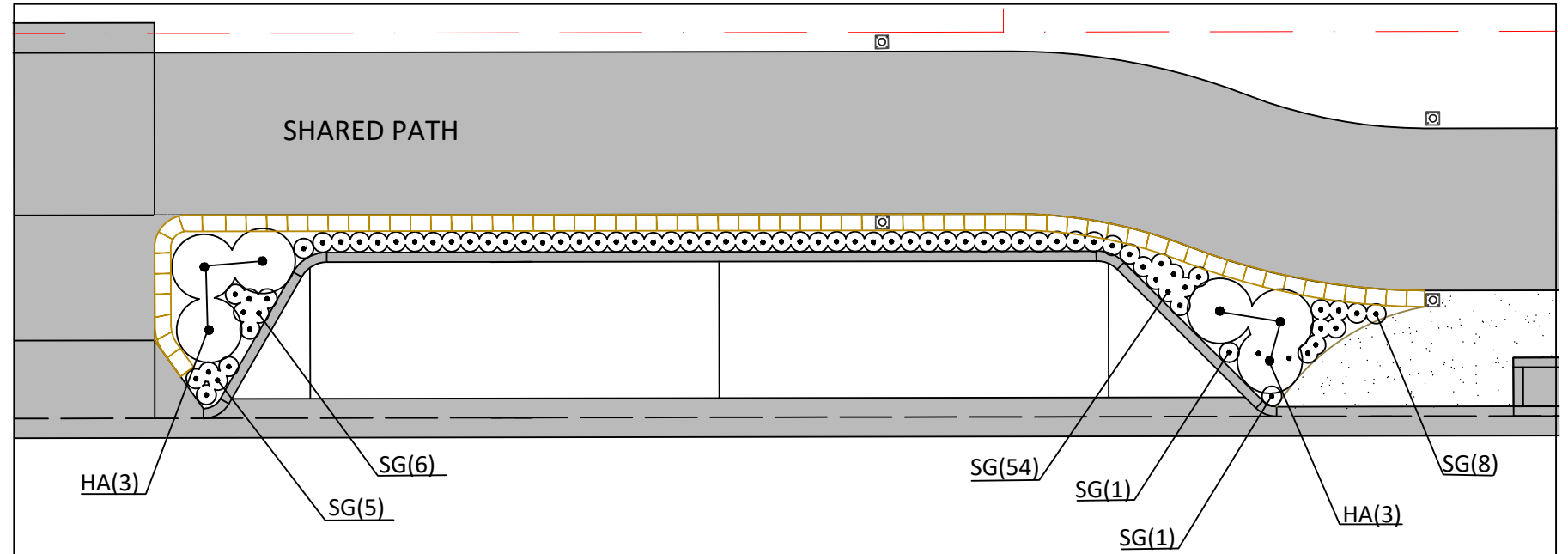


**Planting Plan 1**  
 Whitfield streetscape upgrade  
 Sheet 12 of 16 January 2022

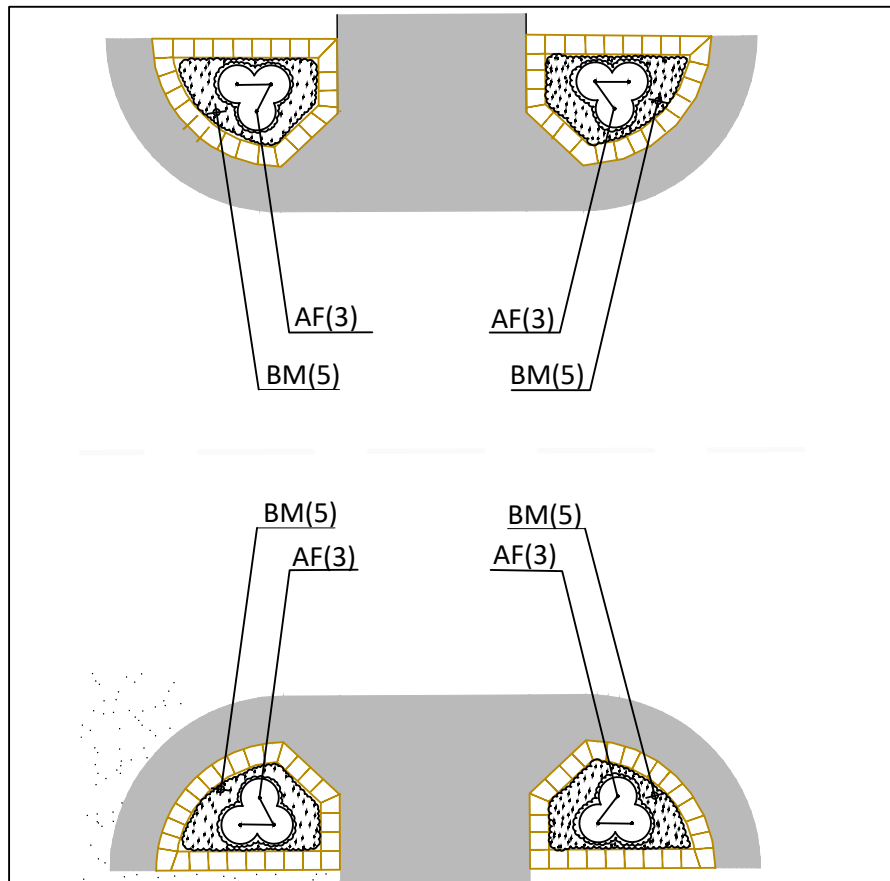




Island planting



DELWP street parking planting



Northern crossing planting

Code	Botanical name	Common name	HxS @ maturity	Island	Parking area	Crossing	Total	Planting spacing	Planting size
HA	<i>Hypocalymna angustifolium</i>	Pink Myrtle	1x1m	8	6		14	1/m <sup>2</sup>	15cm pot
SG	<i>Stylidium graminifolium</i>	Grass Trigger Plant	0.3x0.3m	29	75		104	4/m <sup>2</sup>	10cm pot
AF	<i>Anizoganthos Flavidus</i>	Kangaroo Paw	0.5x0.6	35		12	47	2/m <sup>2</sup>	15cm pot
BM	<i>Brachyscombe multifida</i>	Break of Day Daisy	0.3x0.6m	16		20	36	4/m <sup>2</sup>	Tube

Rev no.	Revision	Date
1.	Issued for comment	09.12.21
2.	Revised draft for comment	15.12.21
3.	Tender issue	05.01.22
4.	Address numbers updated	11.02.22



## 1. Site preparation

### 1.1 Site establishment

- Prior to the commencement of any works the site must be cleared of any building debris, stockpiles and any detritous.
- Check the location and depths of all services prior to any excavation.
- The site must be clearly delineated with marker tape or bunting.
- Vehicles must not drive over the planting areas where possible to avoid soil compaction.

### 1.2 Weed Control.

Before planting commences, the areas to be planted shall be eradicated of weeds and any existing vegetative growth (excluding native vegetation to be retained), shall be slashed to a height of 150 mm.

Trash build-up and cut material shall be removed from the area prior to spraying with an approved knockdown herbicide incorporating a herbicide marker. Biactive herbicide shall be used around wetlands and waterways. The herbicide shall be used according to the manufacturer's recommended rates and any off-target damage shall be rectified by the Contractor.

### 1.3 Site preparation

After a period no shorter than 10 days after spraying, the areas shall be cultivated to a depth of 100mm.

For grassed areas the soil shall be cultivated to a fine tilth, raked and lightly rolled to bring the surface to an even grade, free from small mounds and hollows. All deleterious material including roots, stones and building debris exceeding 50 mm in diameter, which is unsuitable for re-spreading, shall be removed and disposed of at a location in accordance with Environmental Requirements.

### 1.4 Supply of top soil

Imported soil shall be in accordance with AS 4419, 'Soils for Landscaping and Garden Use'. The texture of the imported soil blend shall be a sandy loam capable of being handled when moist, but lacking cohesion so that it will fall apart easily when dry. Soil shall be free of debris, stones, weeds, roots or other deleterious material, plant pathogens and other pests.

### 1.4 Spreading of soil

Soil shall be evenly spread, lightly consolidated and levelled to provide a surface free from lumps and hollows to a minimum depth of 100 mm.

For grass areas the finished soil level for seeded lawns is to be flush with adjacent hard surfaces such as kerbs, paths and mowing strips.

Soil shall not be worked in a muddy condition.

## 2. Grassed areas

### 2.1 Seed installation

Newly seeded areas shall be identified using a bunting tape or approved equivalent during the establishment period.

#### (a) Broadcast Seeding

Following ground preparation, and a minimum of 10 days after weed control spraying, the soil bed shall be lightly raked in one direction, allowing the rake to drag across the area creating shallow seed furrows. On sloping sites the soil bed shall be lightly raked along the contour. The seed mix shall be prepared by mixing the seed, fertiliser and bulking medium in the specified proportions and shall be uniformly sown over all specified areas.

The seed mix shall be broadcast either by hand, through a Roto-spreader or by a machine-mounted spreader in one direction (east-west) and then again in another (north-south). Once seeded, lightly rake the area in the opposite direction of the last broadcast and lightly roll the area bringing the seed in contact with the soil.

### 2.2 Watering

Watering shall be carried out by the Contractor from the time of installation until the end of the establishment period at the required frequency.

Post germination of seeded areas shall be irrigated with a fine spray until the topsoil is moistened to its full depth. Watering shall be continued until germination to keep the surface damp and the topsoil moist but not waterlogged. After germination watering shall continue to maintain a healthy condition, progressively reducing watering to the required frequency.

### 2.3 Establishment

Establishment means the continuing care and maintenance of grassed areas to promote healthy and vigorous growth by implementing accepted horticultural practices, as well as rectifying any defects that become apparent in the works under normal use.

On completion of the establishment period, grassed areas shall have a healthy, dense continuous sward notwithstanding adverse weather conditions at the time. Irrigated grass shall be evenly green. Dry-land grass areas shall be kept green and actively growing until continuous healthy grass cover has been achieved; then the watering program shall be adjusted gradually until the grass is hardened off to natural climatic conditions.

## 3. Trees

### 3.1 tree selection

Trees must be healthy and have good form including a straight and perpendicular trunk. The rootball must be moist with the roots not exposed to the air, and be of firm consistency.

### 3.2 Timing

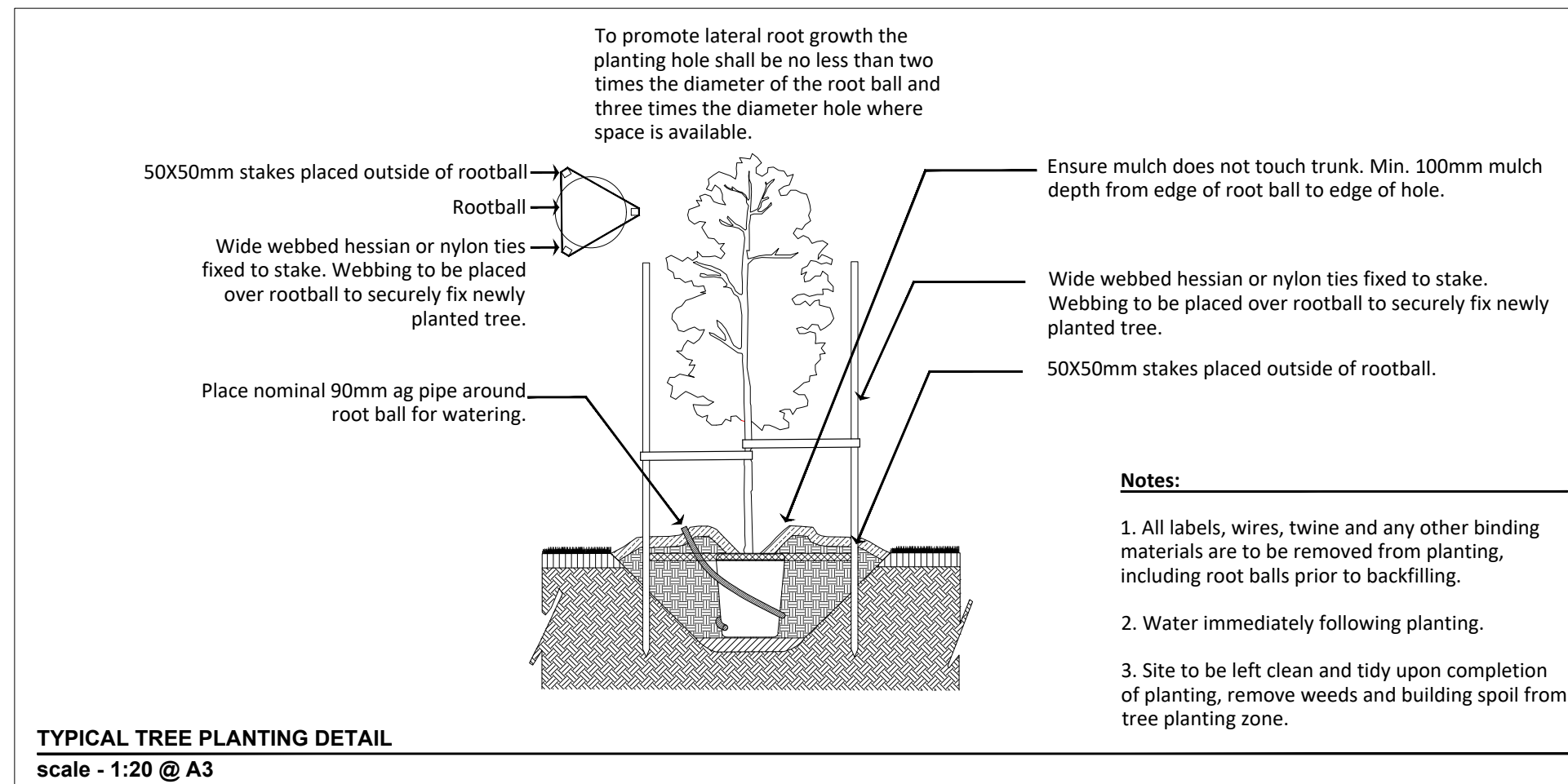
Tree planting shall generally take place between the 1st of April and the 30th September unless otherwise approved by the responsible officer of the Council.

### 3.3 Setting out

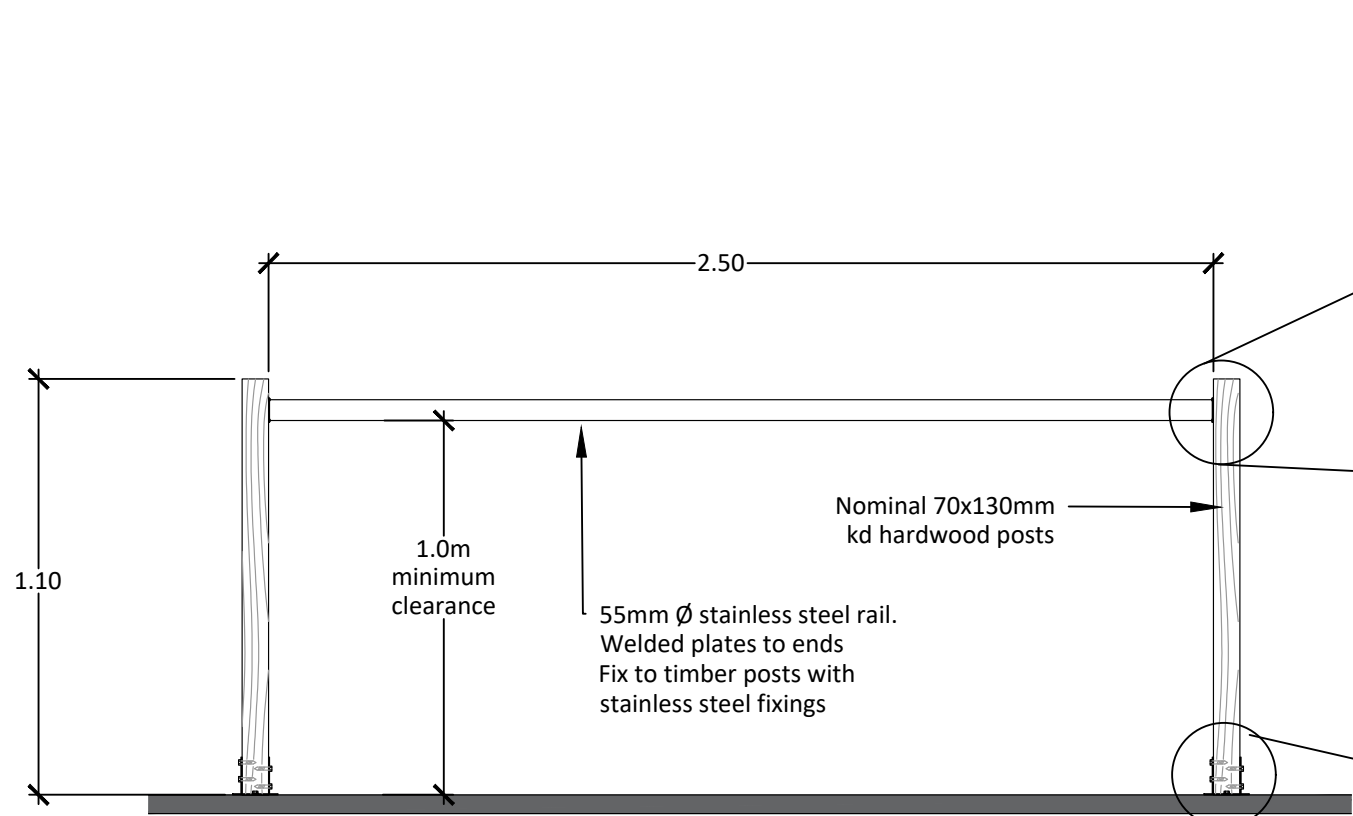
Tree positions shall be in accordance with the planting plans. Minor refinement of tree position may be required subject to final site conditions. Any deviation from the proposed positions described in the plans must be approved by the responsible officer of the Council.

### 3.4 Watering

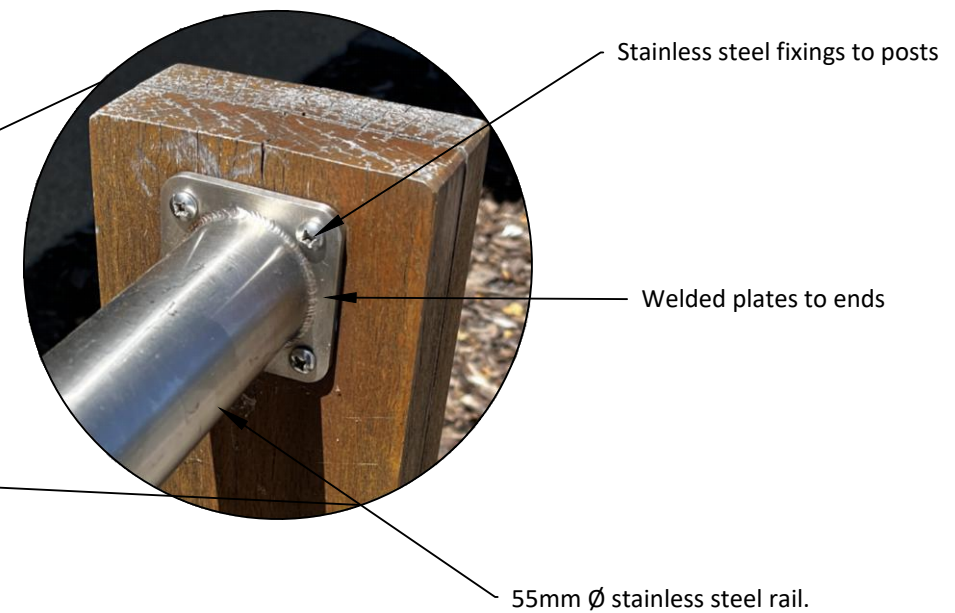
Each tree shall be watered thoroughly after planting ensuring that the moisture has penetrated to the full depth of the root ball.



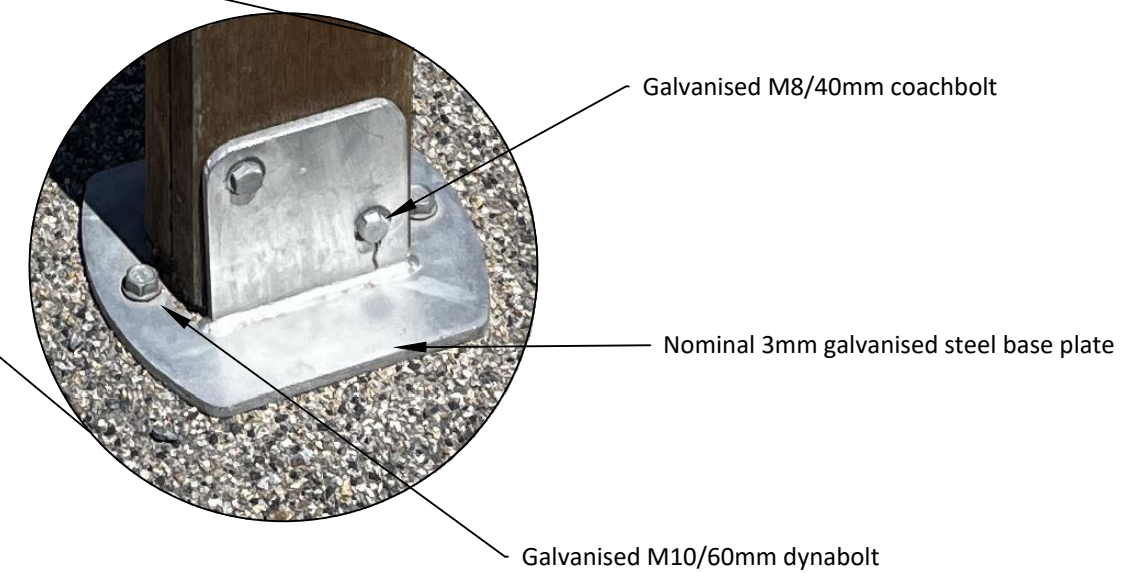




Elevation  
Scale - 1:20



Rail fixing detail



Base Plate detail



Typical arrangement

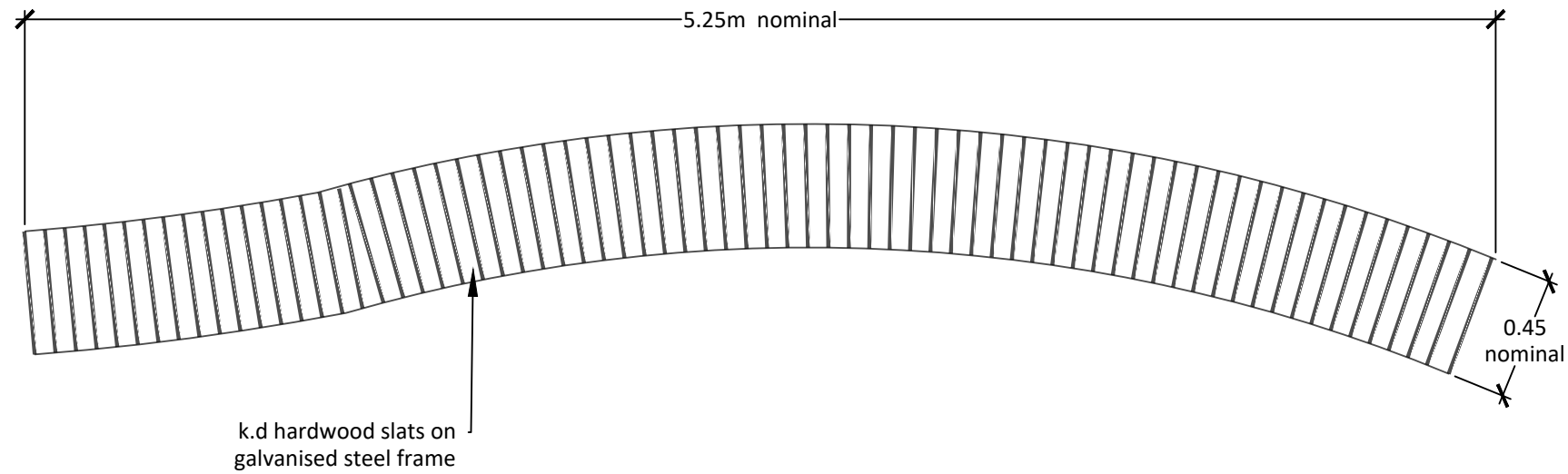
  
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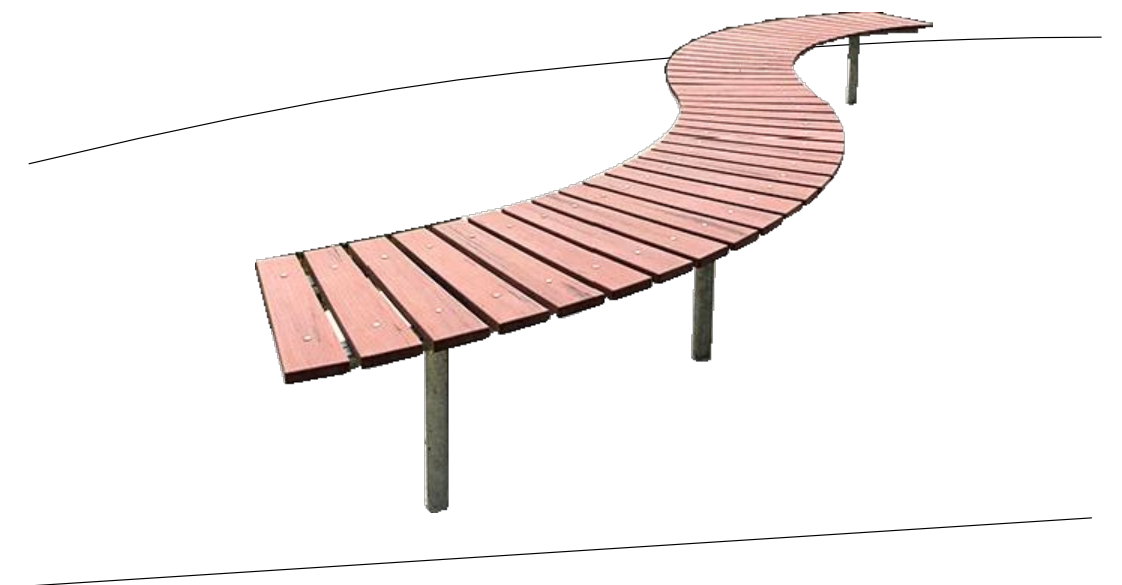
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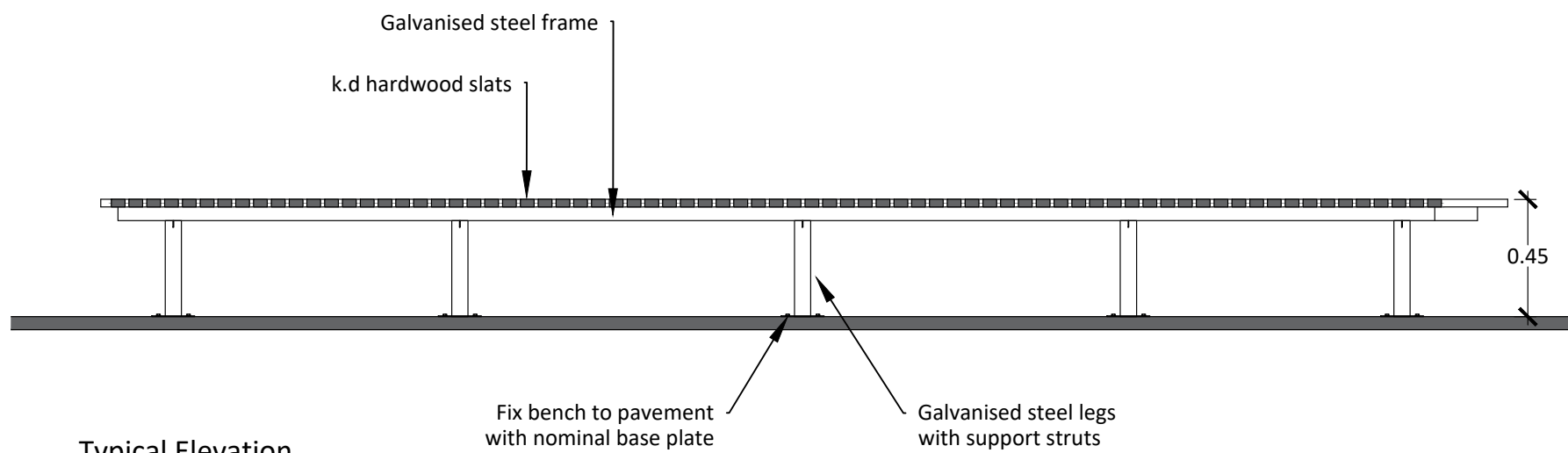
**Bike rack detail**  
 Whitfield streetscape upgrade  
 Sheet 15 of 16 January 2022



Plan  
Scale - 1:25



Typical arrangement



Typical Elevation  
Scale - 1:25

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1.	Issued for comment	09.12.21
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