

ECONOMY SUITE  
SIGNAGE STYLE GUIDE

ISSUE B • 30.09.2022



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## **ACKNOWLEDGEMENTS**

The Economy Suite Signage Style Guide has been prepared by Dot Dash Pty Ltd for the Sunshine Coast Council. The kind assistance of the following people is gratefully acknowledged;

### **Nigel Walker**

Team Leader Sustainable transport Services  
Transport Infrastructure Management  
Built Infrastructure  
Sunshine Coast Council

## **INTRODUCTION**

This Economy Pathway Wayfinding Suite Manual is the first 'chapter' that can be included in the future over arching SCC Regional Wayfinding Style Guide Manual.

This manual describes the details of the various sign types, followed by visual graphic standards and construction standards. A range of sign types has been developed for pedestrian and cyclist wayfinding only. Sign types include mapping and directional information.

It is important that the signage manual be strictly followed to maintain consistency throughout the Sunshine Coast Region.

Any questions or special requirements must be referred to either Transport and Engineering Services or Parks and Gardens.

# A

## GRAPHIC STANDARDS

- Typeface
- Type detailing
- Pictograms - standard facilities
- Pictograms - services
- Arrows
- Nomenclature
- Colours

# Regular

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890

Berthold Akzidenz Grotesk Regular

---

# Medium

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890

Berthold Akzidenz Grotesk Medium

## TYPEFACE

Although Sunshine Coast Council's corporate typeface is Arial, the typeface Berthold Akzidenz Grotesk has been selected and approved to be used in all signage within this document. Typographical qualities of Berthold Akzidenz Grotesk include broad characters, large lowercase x-heights, generous ascenders and descenders, even stroke widths and adequate counter spaces within the bowl of the circular letterforms. These characteristics provide for very good legibility when read on signage within the urban landscape.

Font files can be sourced from either Civil Works Services (Anthony Heir) or Media and Public Relations (Joseph Stevenson).

# X-height

Cap X-height  
The distance between the baseline and the top of an 'X' capital letter

Nambour

Letterspacing (+10)

Bulcock Beach  
Wurtulla Beach

Title case

Walk from here.  
Pathway leading to beach.

Sentence case

## TYPE DETAILING

### Type size

Text size on all signs has been determined based on ideal viewing distances and should be adhered to wherever possible. Each sign type drawing has documented the heights which relate to the particular use of each sign. Refer to the sign type drawing for further detail.

### Cap X-height

For accuracy in layout of text on signs, the height of the capital letter 'X' should be used instead of the point size of the font. This measurement is always shown in millimetres unless otherwise stated.

### Letterspacing

Letterspacing adds space between letterforms to open up text. The addition of minimal letterspacing can increase the legibility, and readability. Added whitespace around the characters allows the individual characters to emerge and be recognized more quickly.

### Title case

Title case is to be used when identifying a destination, facility or locality.

### Upper case

When uppercase is to be used, this will be specified as part of the design on the relative sign type drawing. Refer to sign type graphic layouts for when to use upper case.



\* Represents individual code for each pictogram.  
To be used when ground truthing and specifying on sign schedules.

## PICTOGRAMS AND SYMBOLS

### STANDARD FACILITIES

Pictograms should be used to identify specific services and facilities. The use of easily recognised international pictograms enables the signs to communicate to a diverse multicultural audience. All pictograms should be supported by English text where possible. The pictograms are from the suite known as International Symbol Signs System, developed by the American Institute of Graphic Arts (AIGA) and Society of Environmental Graphic Design (SEGD). This suite of pictograms was developed to bring some order to the proliferation of pictograms being used by many different international organisations. This suite has been adopted in many countries and are recognised world wide. These pictograms are in line with international standards and can generally be understood as stand-alone messages. When used, pictograms should be scaled proportionately. All pictograms should be used with discretion, as over-use may lead to visual clutter, and confusion. Pictograms for use on all directional, identification and information signs are as illustrated. The text label shown below each pictogram is used for identification purposes. It should not be used together with the pictogram on a sign.

Council will supply a link to the pictogram and symbol library on the intranet. Alternatively contact Civil Works Services (Anthony Heir).

### Safety

If safety pictograms are required, refer to AS 1319 Safety Signs for the Occupational Environment. For clarity, prohibitive pictograms are designed with the red line behind the symbol.

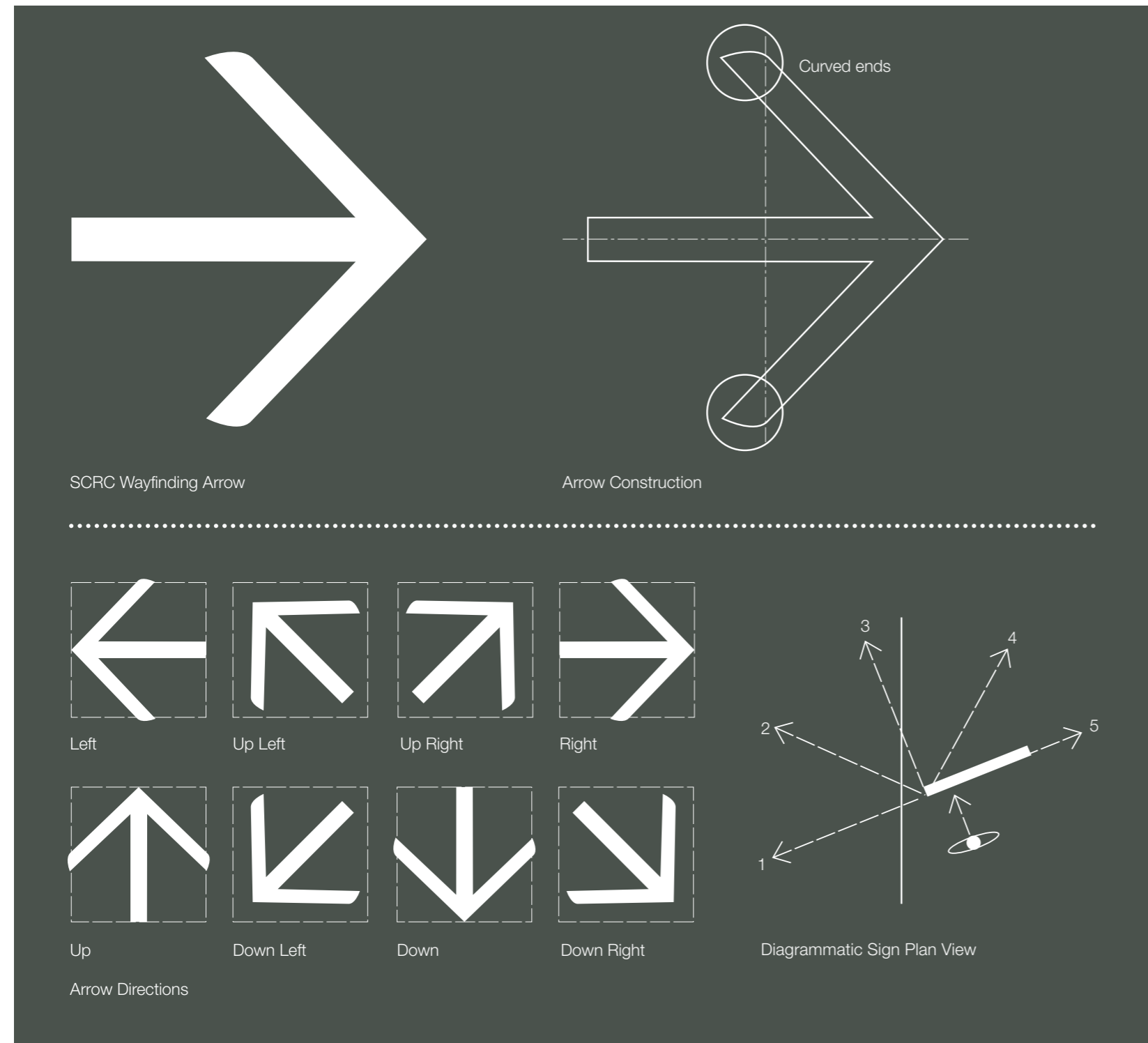
### Colour swatches

White symbol and stroke on PMS 315C

### Supplied artwork

All pictograms to be used as per .eps standards.  
Never attempt to re-create pictograms.





**ARROWS**

**Standard arrows**

Arrows play a major role in Wayfinding. To fulfil their purpose in the most effective manner, arrows must be used consistently. A specific arrow type has been chosen to complement the font Berthold Akzidenz Grotesk. This arrow type should be used in all directional signs.

**Arrow directions**

Up pointing arrow is used to direct forward. Right and Left pointing arrows direct to destinations that require pedestrians to turn right or left, either at the sign or immediately after the sign. Diagonal arrows direct diagonally up or diagonally down when located next to stairs or ramps. In other locations they direct diagonally ahead. Diagonal arrows may never be used to direct diagonally backwards. Down pointing arrow should only be used when the sign is above the destination.

**Arrow bounding box**

A square bounding box has been included in these arrow drawings as guides for the correct alignment of arrows and text. Note that the horizontal and vertical arrows extends beyond the box boundaries. After setting arrows and text, when it is no longer required, remember to remove the bounding box from the graphic layout.

**Arrow size**

The ratio between the size of the arrow and the text it is associated with must always be maintained. This will be specified as part of the design on the relative sign type drawing.

**Arrow usage**

A single arrow is required for each direction, not for each destination.

**Supplied artwork**

All arrows to be used as per .eps standards. Never attempt to re-create arrows.

Tourist Information

Patrolled Beach

Taxi Rank

Toilets

Telephone

Typical messaging for generic destinations

Warana Foreshore

Skate Park

Minyama

Currimundi Lake

Ocean Drive

Always provide the full (correct) name when identifying a specific landmark or destination

**Kawana Way**

**Main Drive**

**Creekside Boulevard**

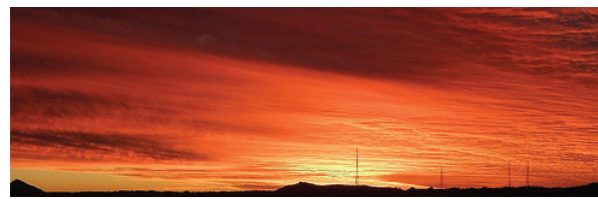
**Gamban Esplanade**

Typical location names for Map sign panels

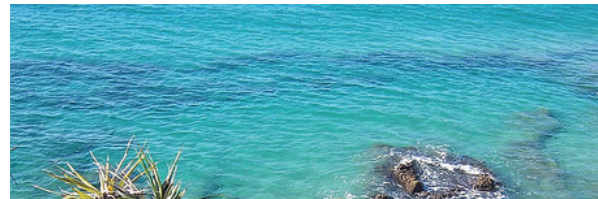
### NOMENCLATURE

Nomenclature relates to the wording of the signs, as well as the tone of the messages. It is to be applied consistently throughout the Pathway.

This vocabulary needs to be used consistently not only on the signs, but also in all communications and web sites.



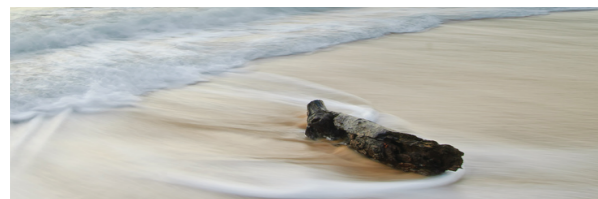
**Sunset**  
PMS 165C



**Surf Wash**  
PMS 3115C



**Coastal Blue**  
PMS 326C



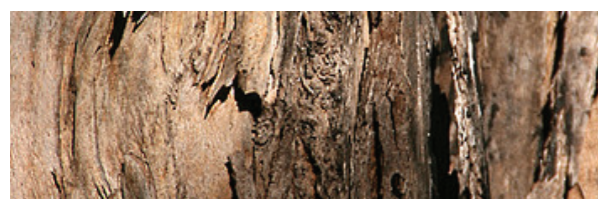
**Sand**  
PMS 458C



**Forest**  
PMS 5763C



**Eucalypt**  
PMS 403C



**Twisted Bark**  
PMS 404C



**Woodland Grey**  
DULUX Woodland Grey®  
PMS 425C

## COLOURS

The list of colours for this palette represent the richness and diversity of the natural landscape of the Sunshine Coast Regional Council.

- warm and vibrant qualities
- energetic ocean tones
- earthen
- wide varieties of natural fauna
- open eucalypt forest
- deep rainforest
- varied textures and gloss levels

These colours are designed to provide good legibility and contrast when combined, while complimenting each other.

### Primary Background Colour

The selected background colour Dulux Woodland Grey® will ensure that the signs are distinctive and easily identified, yet be able to synchronize with the local environment.

This colour is inspired by the depth of the cool green forest, the canopy of eucalyptus, the twisted bark and deep olive green leaves of tea-tree along the coast and the mossy boulders and ferns found in mountain crevices.

# B

## SIGN TYPES

### ECONOMY SUITE SIGN FAMILY

#### TIER 1 - WAYFINDING SIGNS

Sign Type 1.1 - Map Panel

Sign Type 1.2 - Map Panel with Directional Blade

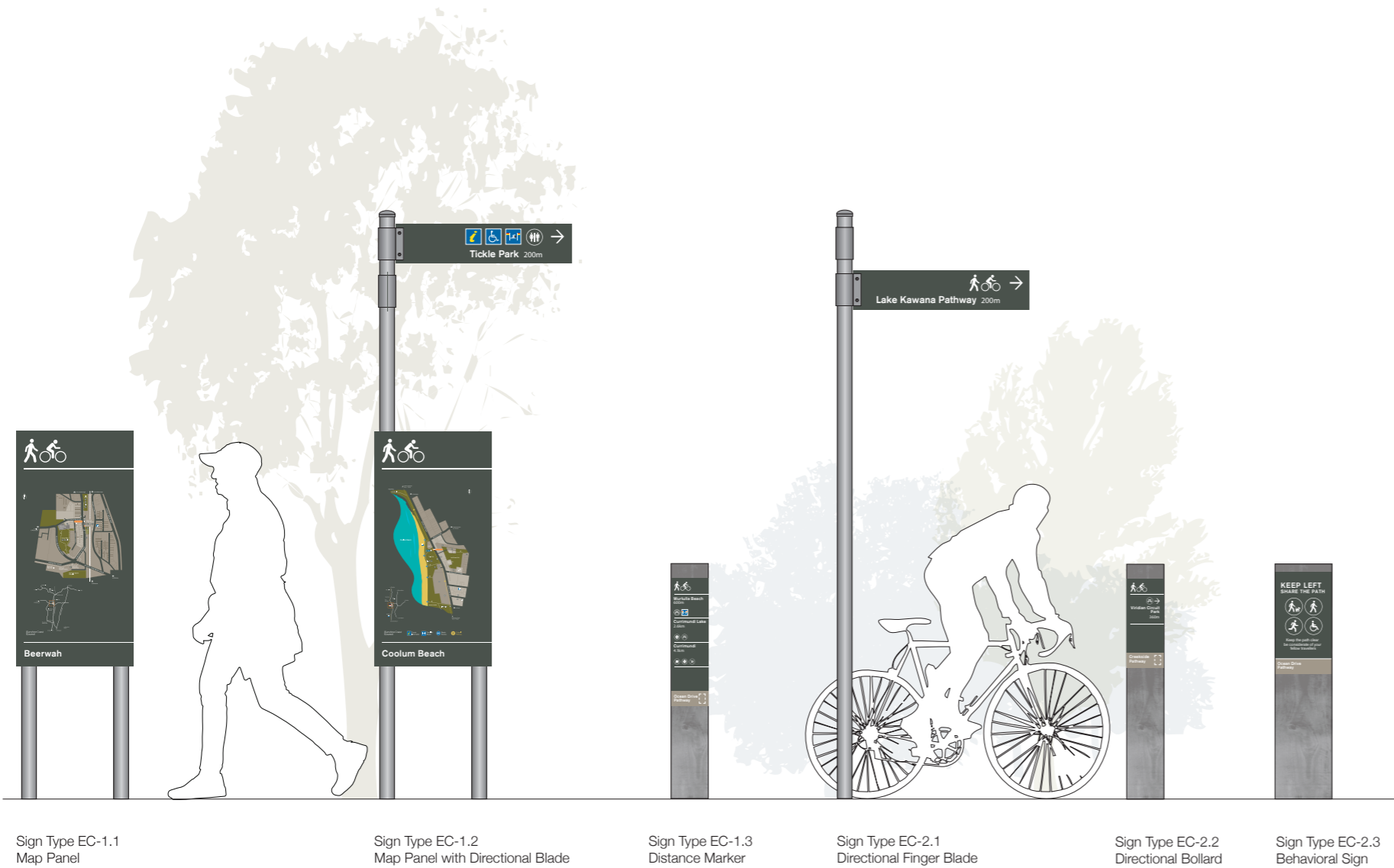
Sign Type 1.3 - Distance Marker

#### TIER 2 - SUPPLEMENTARY SIGNS

Sign Type 2.1 - Directional Finger Blade

Sign Type 2.2 - Directional Bollard

Sign Type 2.3 - Behavioural Sign



ECONOMY SUITE SIGN FAMILY

TIER 1 - WAYFINDING SIGNS

Sign Type 1

TIER 2 - SUPPLEMENTARY SIGNS

Sign Type 2

**TIER 1 - WAYFINDING SIGNS**

**Sign Type 1.1  
Map Panel  
Sheet 1 of 2**

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**GRAPHIC LAYOUT DETAILS**

**Font**

Destination = Akzidenz Grotesk Medium  
Distance = Akzidenz Grotesk Regular

**Colour**

SIGN PANEL  
Background = PMS 315C  
Graphics = Avery White Matt 920  
Shared path pictograms = Avery White Matt 920  
Pictograms = Avery White Matt 920

**FOOTER PANEL**

Background = Colorbond Woodland Grey  
Coastal Pathway = PMS 122C

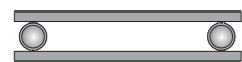
**Finish**

ANTI-GRAFFITI  
Option (i) = Satin 2 pack paint finish with anti-graffiti spray clear coat finish applied all over sign panel.

Option (ii) = 190 x 450mm clear Dupont 'Tedlar' SP polyvinyl fluoride film with low gloss finish laminated over full sign panel.

**ALTERNATIVE GRAPHICS OPTION**

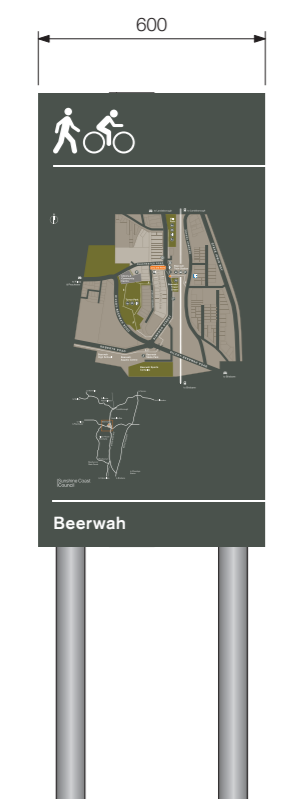
FULL COLOUR DIGITAL PRINT  
190 x 450 full colour digital print (including Sign and Footer panels) onto polymetric vinyl with anti graffiti polyvinyl fluoride film over.



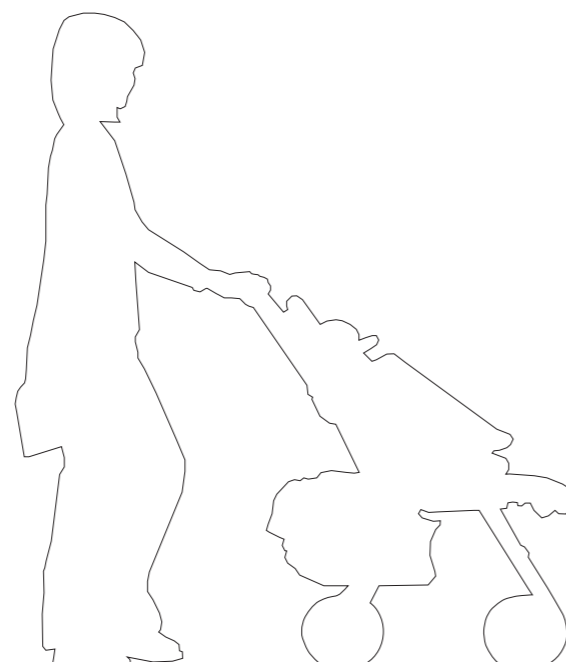
TOP VIEW - DOUBLE SIDED



TOP VIEW - SINGLE SIDED



FRONT VIEW



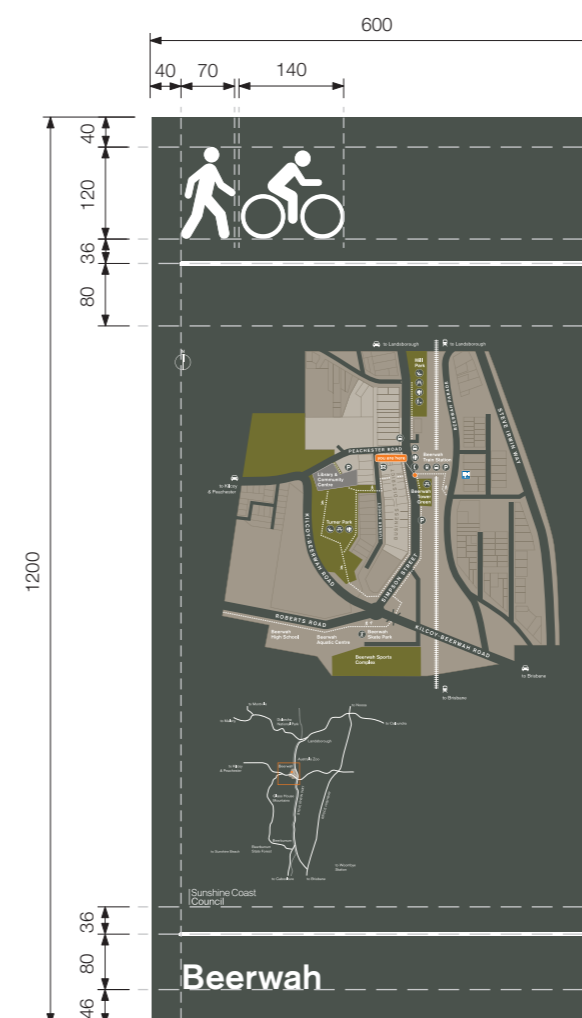
SIDE VIEW



SINGLE SIDED



DOUBLE SIDED



**Graphic Details**

Scale 1:10

**Typical Elevation**

Scale 1:20

**TIER 1 - WAYFINDING SIGNS**

**Sign Type 1.1  
Map Panel  
Sheet 2 of 2**

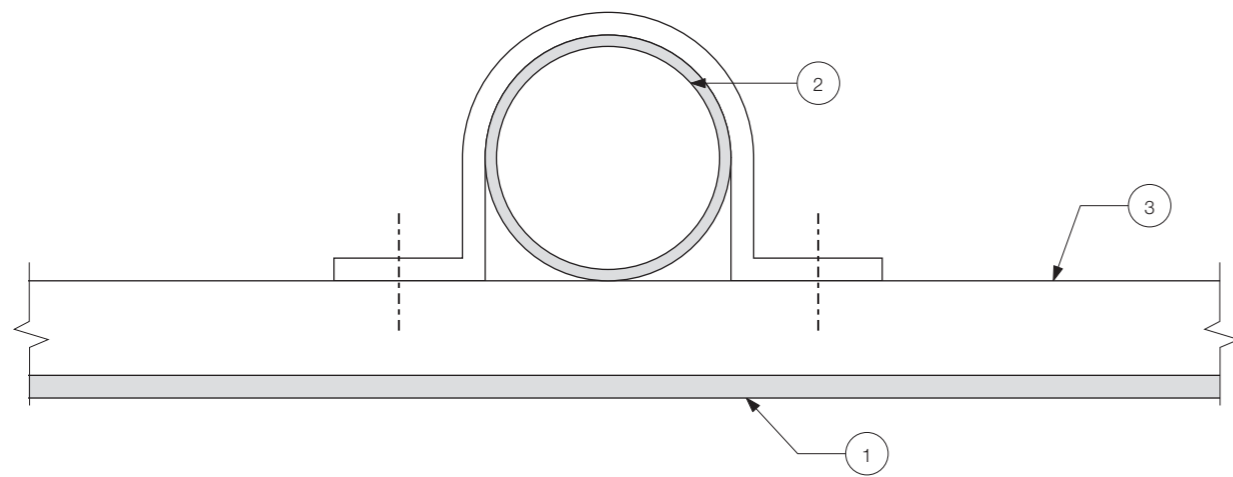
Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**CONSTRUCTION DETAILS**

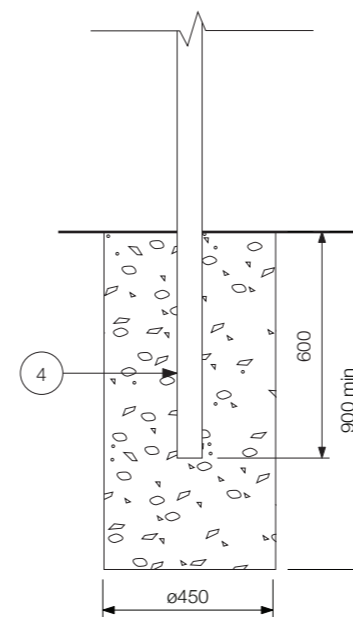
1. 3mm thick aluminium mapping panel with front applied vinyl graphics and protective clearcoat over.
2. Ø60mm nominal bore CHS galvanised posts and cap to match local council street sign standards.
3. 25mm x 25mm C channel welded to the back of the sign panel, fixing the post bracket clamps to the sign.
4. Newly installed posts to be embedded a minimum of 600mm into concrete footing to engineers specification.



TOP VIEW

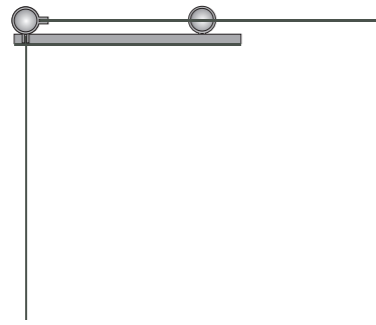
**Chanel Fixing Detail**

Scale 1:2

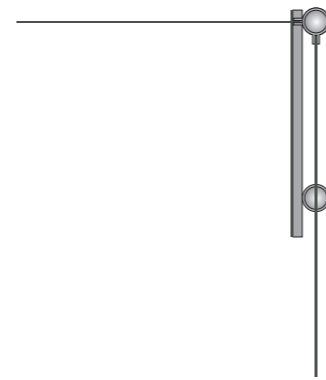


**Direct Embed Footing Detail**

Scale 1:20



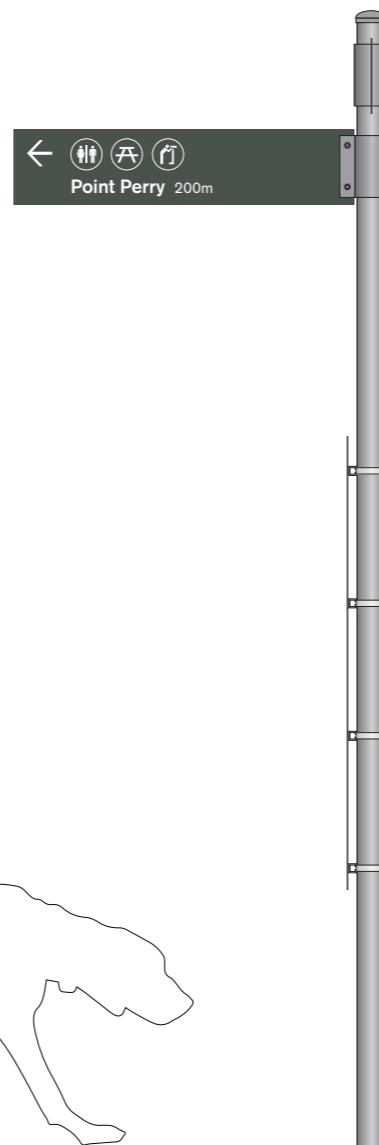
TOP VIEW



TOP VIEW



FRONT VIEW



SIDE VIEW

**Typical Elevation**  
Scale 1:20

**TIER 1 - WAYFINDING SIGNS**

**Sign Type 1.2  
Map Panel with Directional Blade  
Sheet 1 of 4**

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**Refer to page 14 for graphic layout details.**

**Refer to page 15 and 16 for construction details.**



**TIER 1 - WAYFINDING SIGNS**

**Sign Type 1.2**  
**Map Panel with Directional Blade**  
 Sheet 2 of 4

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**GRAPHIC LAYOUT DETAILS**

**Font**

Destination = Akzidenz Grotesk Medium  
 Distance = Akzidenz Grotesk Regular

**Colour**

SIGN PANEL  
 Background = PMS 315C  
 Graphics = Avery White Matt 920  
 Shared path pictograms = Avery White Matt 920  
 Pictograms = Avery White Matt 920

**FOOTER PANEL**

Background = Colorbond Woodland Grey  
 Coastal Pathway = PMS 122C

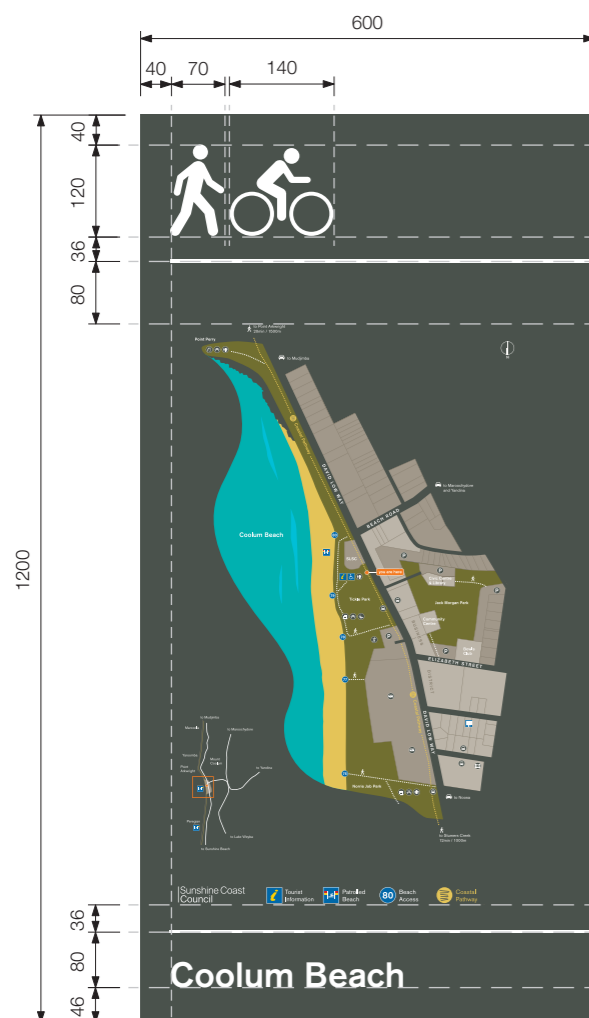
**Finish**

ANTI-GRAFFITI  
 Option (i) = Satin 2 pack paint finish with anti-graffiti spray clear coat finish applied all over sign panel.

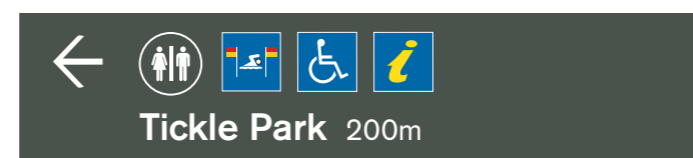
Option (ii) = 190 x 450mm clear Dupont 'Tedlar' SP polyvinyl fluoride film with low gloss finish laminated over full sign panel.

**ALTERNATIVE GRAPHICS OPTION**

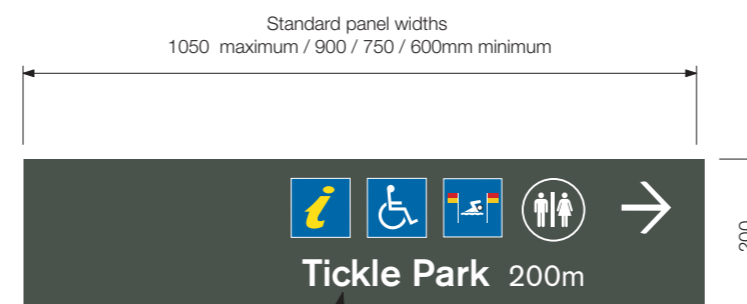
FULL COLOUR DIGITAL PRINT  
 190 x 450 full colour digital print (including Sign and Footer panels) onto polymetric vinyl with anti graffiti polyvinyl fluoride film over.



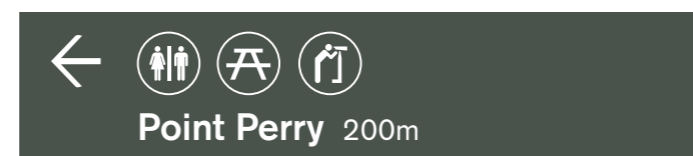
**Graphic Details**  
 Scale 1:5



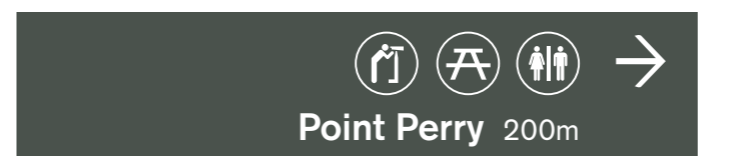
PANEL 1 SIDE 1



PANEL 2 SIDE 2



PANEL 1 SIDE 1



PANEL 2 SIDE 2

**Graphic Details**  
 Scale 1:10

**TIER 1 - WAYFINDING SIGNS**

**Sign Type 1.2  
Map Panel with Directional Blade  
Sheet 3 of 4**

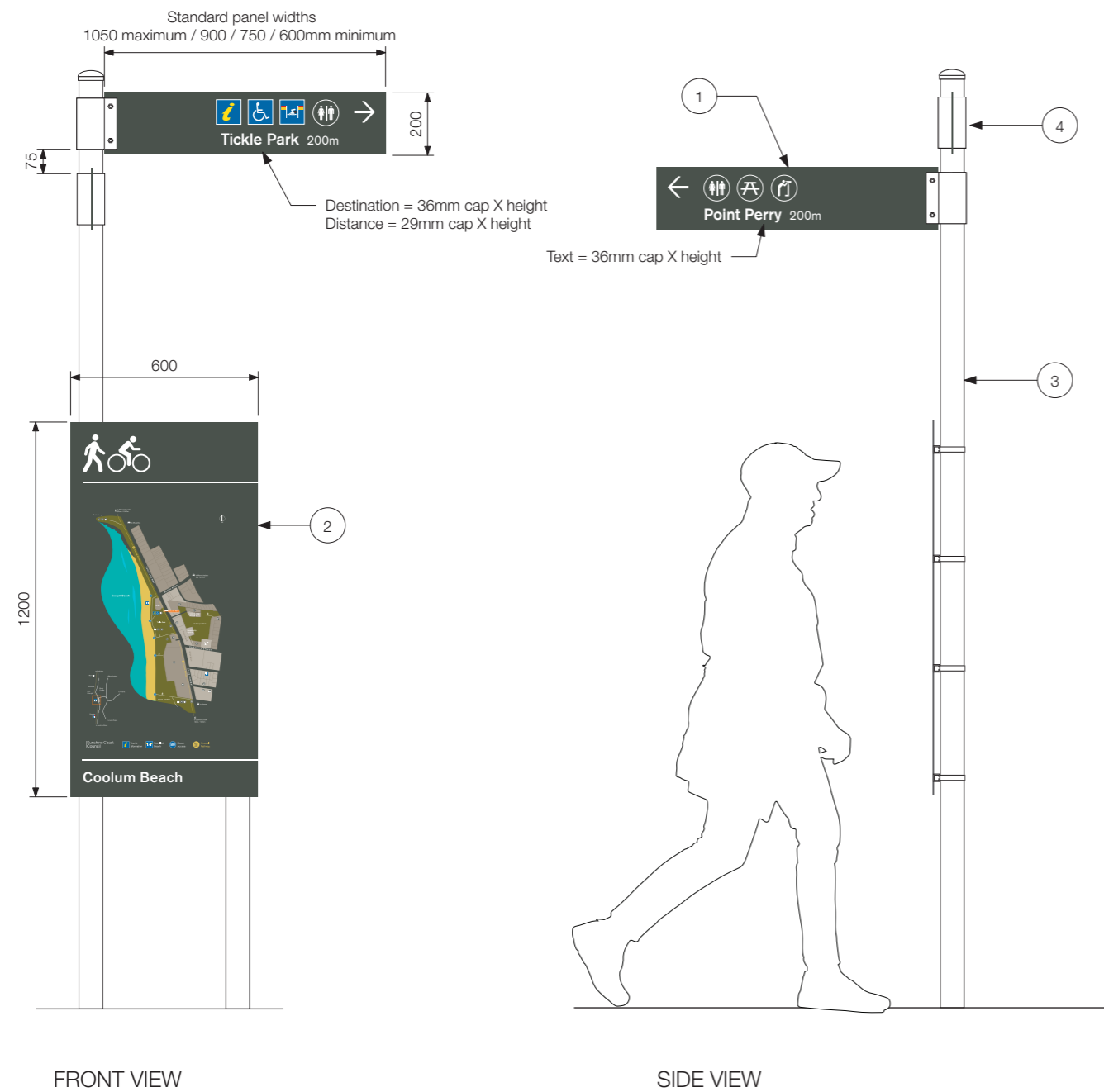
Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**CONSTRUCTION DETAILS**

1. 6mm thick aluminium for finger sign panel. To be 2 pac painted to all visible sides with anti-graffiti spray clear coat finish all over.
2. 3mm thick aluminium mapping panel with front applied vinyl graphics and protective clearcoat over.
3. Ø60mm nominal bore CHS galvanised posts and cap to match local council street sign standards.
4. 2 part G-James street signage bracket to fix sign panel to post.



**Typical Elevation**

**TIER 1 - WAYFINDING SIGNS**

**Sign Type 1.2  
Map Panel with Directional Blade  
Sheet 4 of 4**

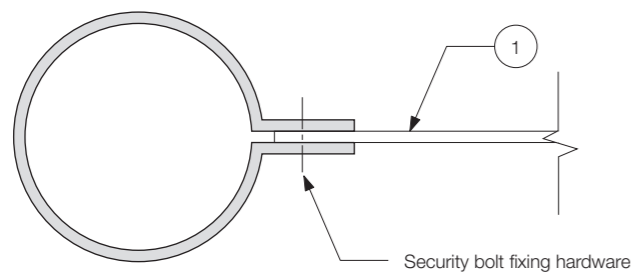
Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**CONSTRUCTION DETAILS**

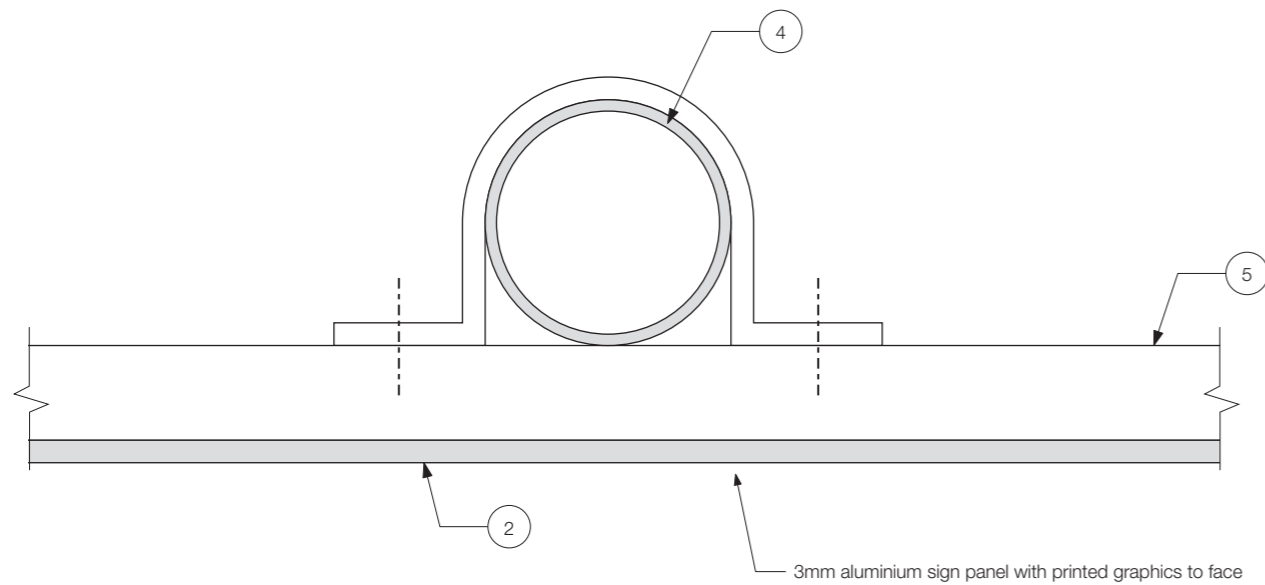
1. 6mm thick aluminium for finger sign panel. To be 2 pac painted to all visible sides with anti-graffiti spray clear coat finish all over.
2. 3mm thick aluminium mapping panel with front applied vinyl graphics and protective clearcoat over.
3. Ø60mm nominal bore CHS galvanised posts and cap to match local council street sign standards.
4. 2 part G-James street signage bracket to fix sign panel to post.
5. 25mm x 25mm C channel welded to the back of the sign panel, fixing the post bracket clamps to the sign.
6. Newly installed posts to be embedded a minimum of 600mm into concrete footing to engineers specification.



TOP VIEW

**Panel Clamp Detail**

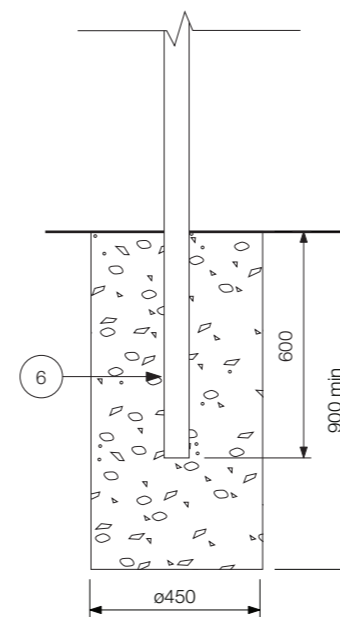
Scale 1:2



TOP VIEW

**Chanel Fixing Detail**

Scale 1:2



**Direct Embed Footing Detail**

Scale 1:20

TIER 1 - WAYFINDING SIGNS

Sign Type 1.3  
Distance Marker  
Sheet 1 of 3

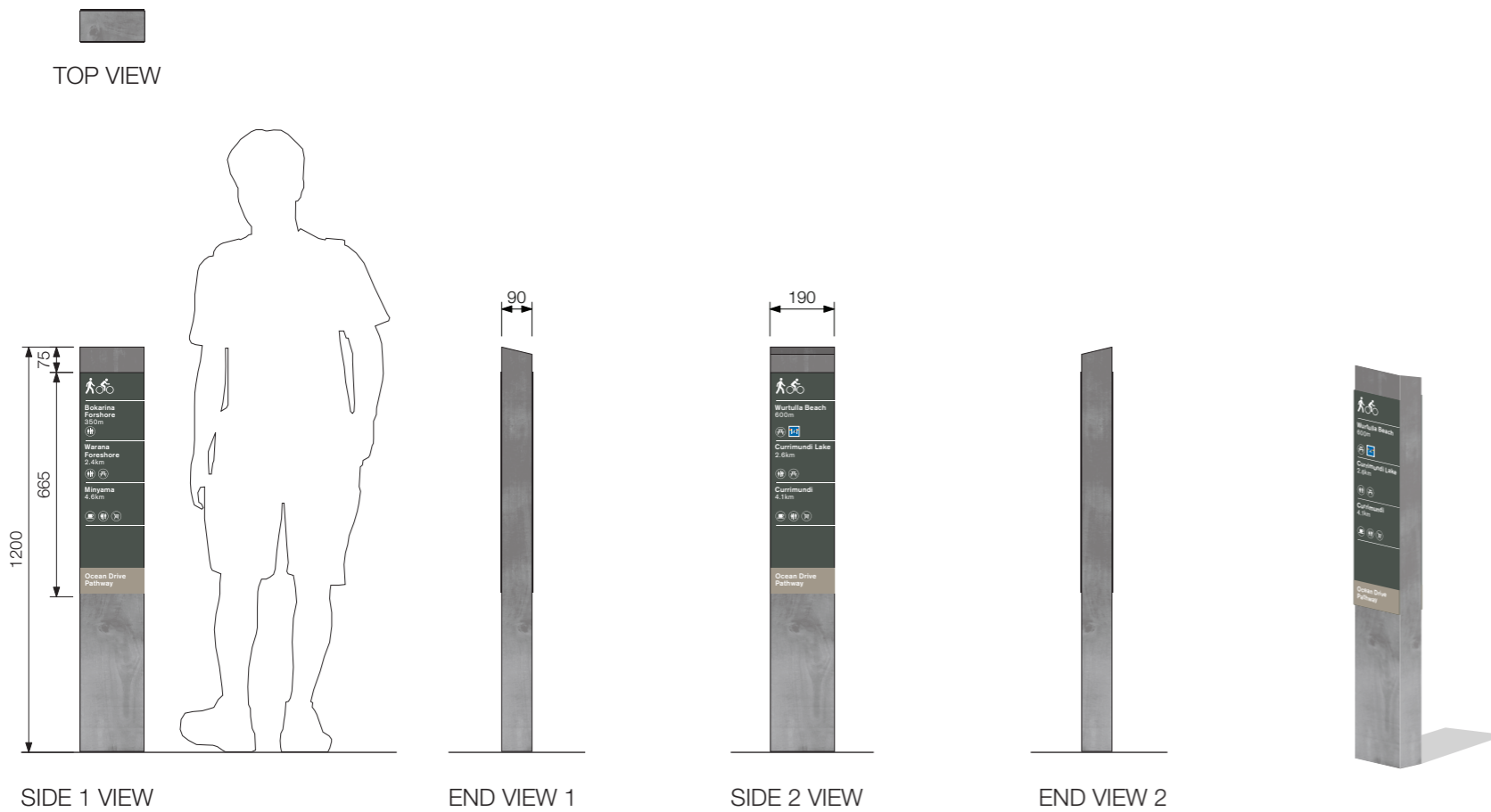
Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

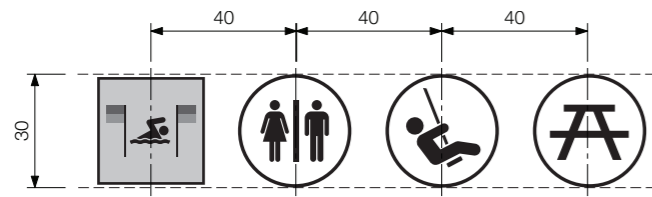
Due to this reproduction process the colours in this image are not exact representations of the final product.

Refer to page 18 for graphic layout details.

Refer to page 19 for construction details.



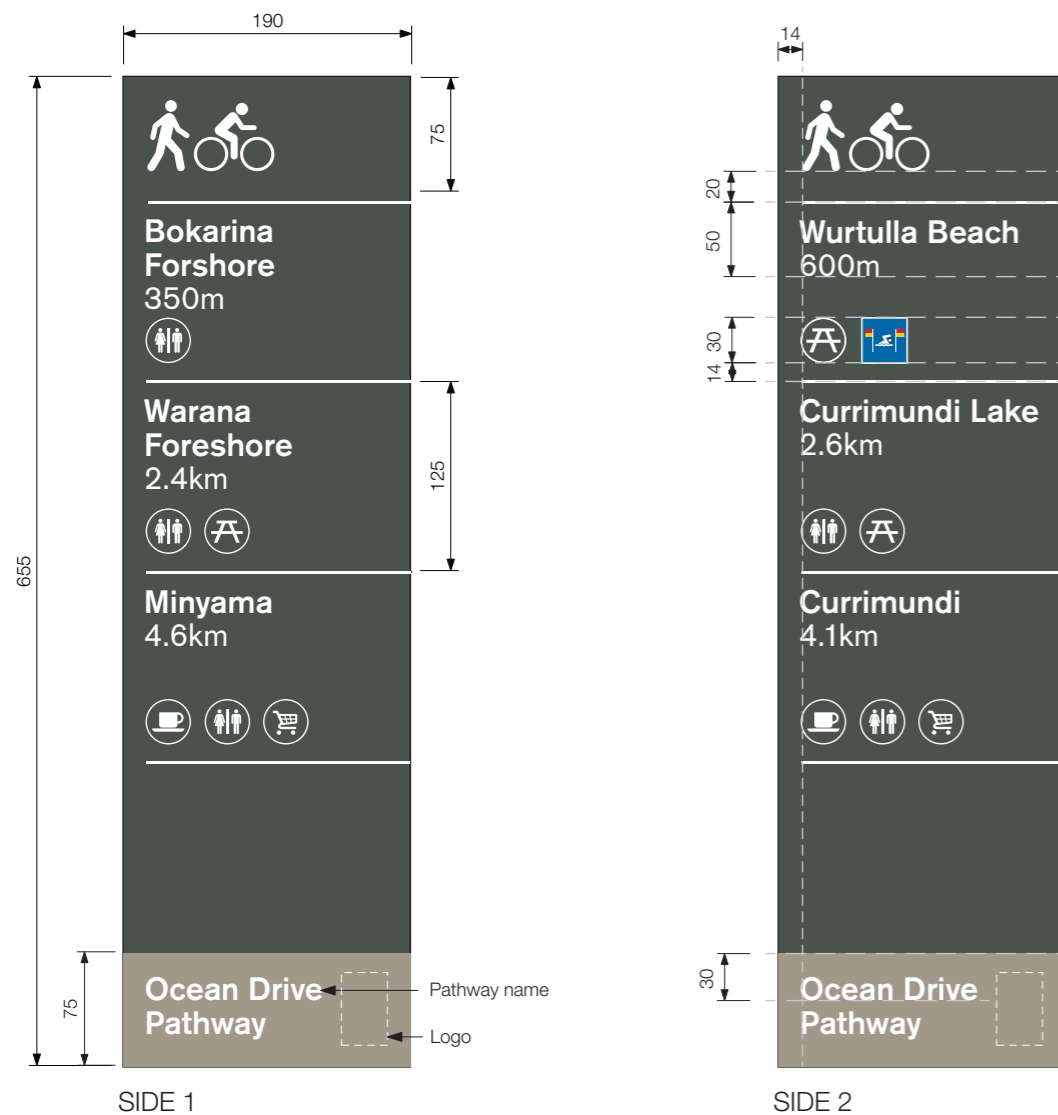
Typical Elevations  
Scale 1:20



PICTOGRAM SET OUT

**Graphic Layout**

Scale 1:2



**Graphic Layouts**

Scale 1:5

**TIER 1 - WAYFINDING SIGNS**

**Sign Type 1.3  
Distance Marker  
Sheet 2 of 3**

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**GRAPHIC LAYOUT DETAILS**

**Font**

Akzidenz Grotesk Medium  
Akzidenz Grotesk Regular

**Colour**

**MAIN PANEL**  
2 pac painted background with vinyl graphics over.  
Background = Colourbond Woodland Grey  
Graphics = Avery White Matt 920  
Shared path pictograms = Avery White Matt 920

**FOOTER PANEL**

2 pac painted background with vinyl graphics over.  
Background = Pantone 403C  
Graphics = Avery White Matt 920

**Finish**

**ANTI-GRAFFITI**  
Option (i) = Satin 2 pack paint finish with anti-graffiti spray clear coat finish applied all over sign panel.

Option (ii) = 290 x 1160mm clear Dupont 'Tedlar' SP polyvinyl fluoride film with low gloss finish laminated over full sign panel.

**ALTERNATIVE GRAPHICS OPTION**

**FULL COLOUR DIGITAL PRINT**  
290 x 1160 full colour digital print (including Header, Map and Footer panels) onto polymetric vinyl with anti graffiti polyvinyl fluoride film over.

**TIER 1 - WAYFINDING SIGNS**

**Sign Type 1.3  
Distance Marker  
Sheet 3 of 3**

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture. All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**CONSTRUCTION DETAILS**

**Notes**

**TIMBER PANELS**

Dressed, class 2 F17/F27 minimum hardwood timber

Timber Finish:

- Dressed / machined timber to specified size
- Tanalith E / ACQ Treatment
- CN oil finish top coat
- Treat with Tanacoat oil

1. 2mm thick fabricated aluminium sign panel fixed flush to face of timber column. To be 2 pac painted to all visible sides with anti-graffiti spray clear coat finish all over.

2. Sign panels to be countersunk screwed to timber face using post torx button head self tapping screw, with vinyl applied over.

3. M20 - 4.6s 200mm long HDG bolt fixed through timber.

4. 190 x 90mm F17/27 Class 2 minimum hard wood bollard. Direct embedded into no fines concrete.

**Alternative Bollard Option**

Recycled plastic Bollard

Bollard = 'The Marion' by Replas Recycled Plastic Products

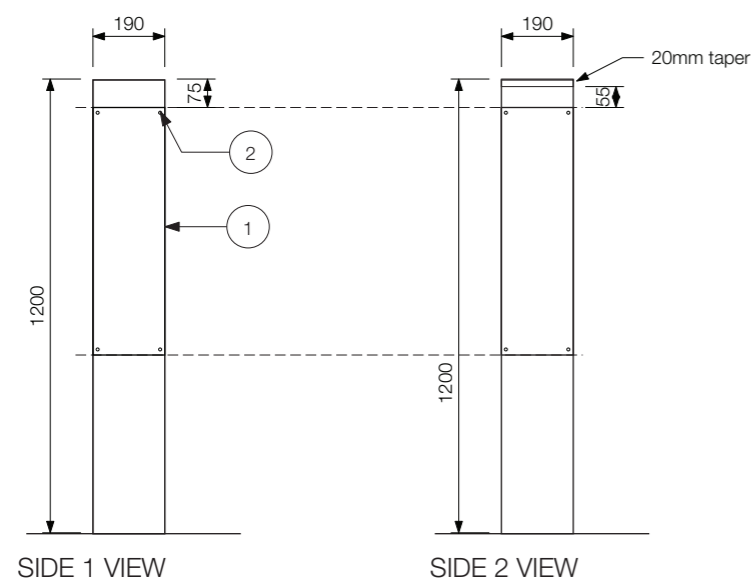
Size = 200mm wide x 75mm thick

Colour = Replas Grey

Refer to [www.replas.com.au](http://www.replas.com.au)

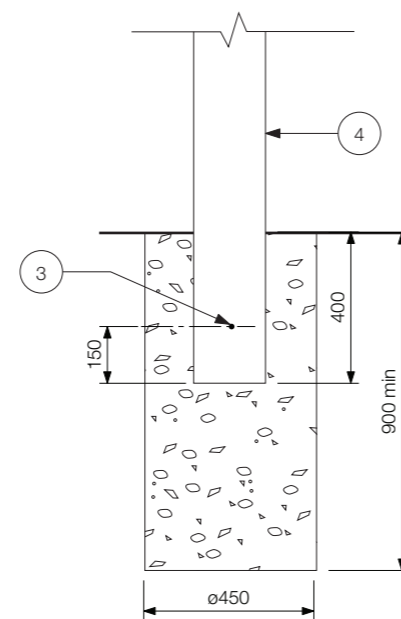
**Footings**

Reinforced concrete footing to be confirmed by sign maker's engineer. All fixings shall be below ground level to reduce trip hazards. Re-instate / make good paving or pavement, with no changes of level greater than 3mm and no gradients steeper than 1:40



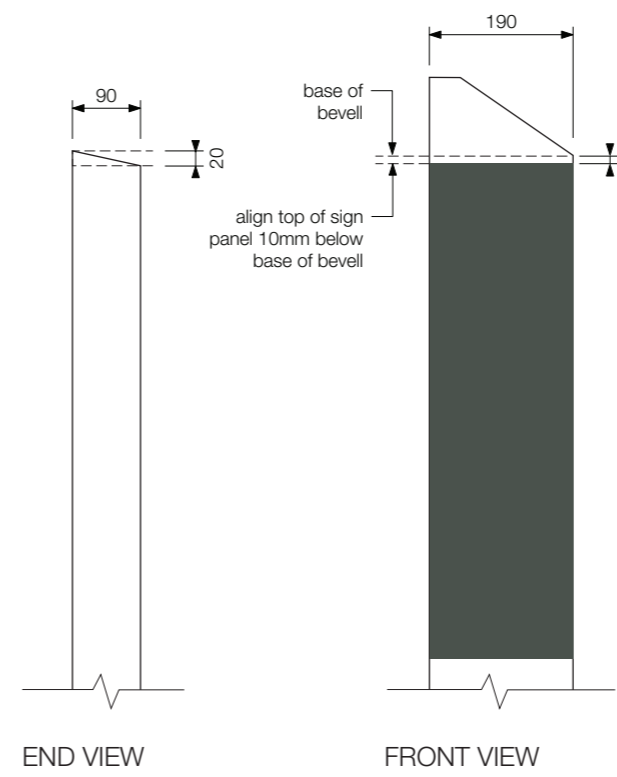
**Dimensions**

Scale 1:20



**Direct Embed Footing Detail**

Scale 1:20



**END VIEW**

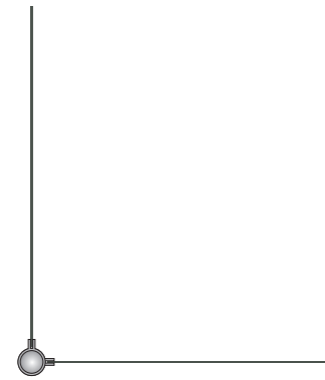
**Tapered Detail**

Scale 1:10

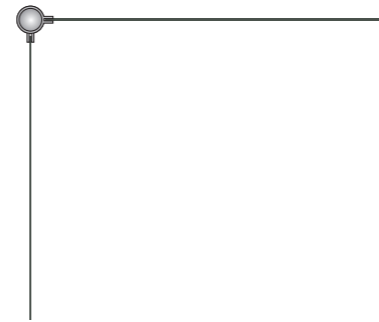
**FRONT VIEW**

**Recycled Plastic Detail**

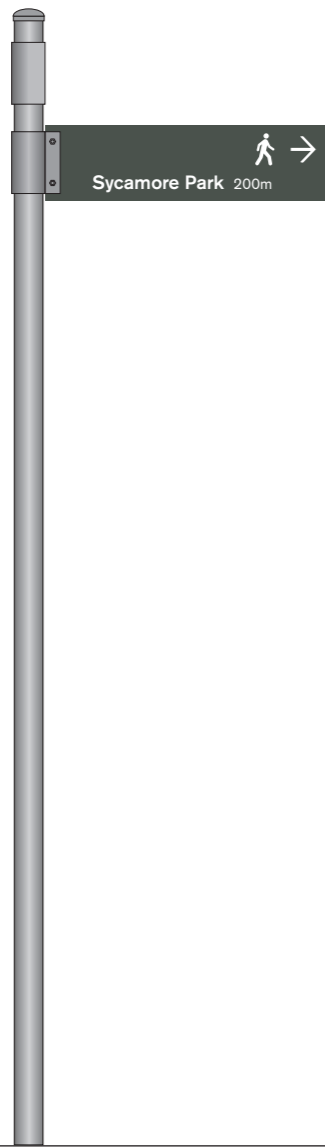
Scale 1:10



TOP VIEW



TOP VIEW



VIEW 1



VIEW 2

**Typical Location**  
Scale 1:20

**TIER 2 - SUPPLEMENTARY SIGNS**

**Sign Type 2.1**  
**Directional Finger Blade**  
Sheet 1 of 4

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**Refer to page 21 for graphic layout details.**

**Refer to page 23 for construction details.**



**TIER 2 - SUPPLEMENTARY SIGNS**  
**Sign Type 2.1**  
**Directional Finger Blade**  
 Sheet 2 of 4

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

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**GRAPHIC LAYOUT DETAILS**

**Font**

Destination = Akzidenz Grotesk Medium  
 Distance = Akzidenz Grotesk Regular  
 Destination cap X height = 36mm  
 Distance cap X height = 29mm

**Colour**

SIGN PANEL  
 Background = Colourbond Woodland Grey  
 Graphics = Avery White Matt 920  
 Pictograms = Refer to pictogram standards for details

**Finish**

ANTI-GRAFFITI  
 Option (i) = Satin 2 pack paint finish with anti-graffiti spray clear coat finish applied all over sign panel.

Option (ii) = 190 x 655mm clear Dupont 'Tedlar' SP polyvinyl fluoride film with low gloss finish laminated over full sign panel.

**Graphics Layouts**  
 Scale 1:10



TIER 2 - SUPPLEMENTARY SIGNS

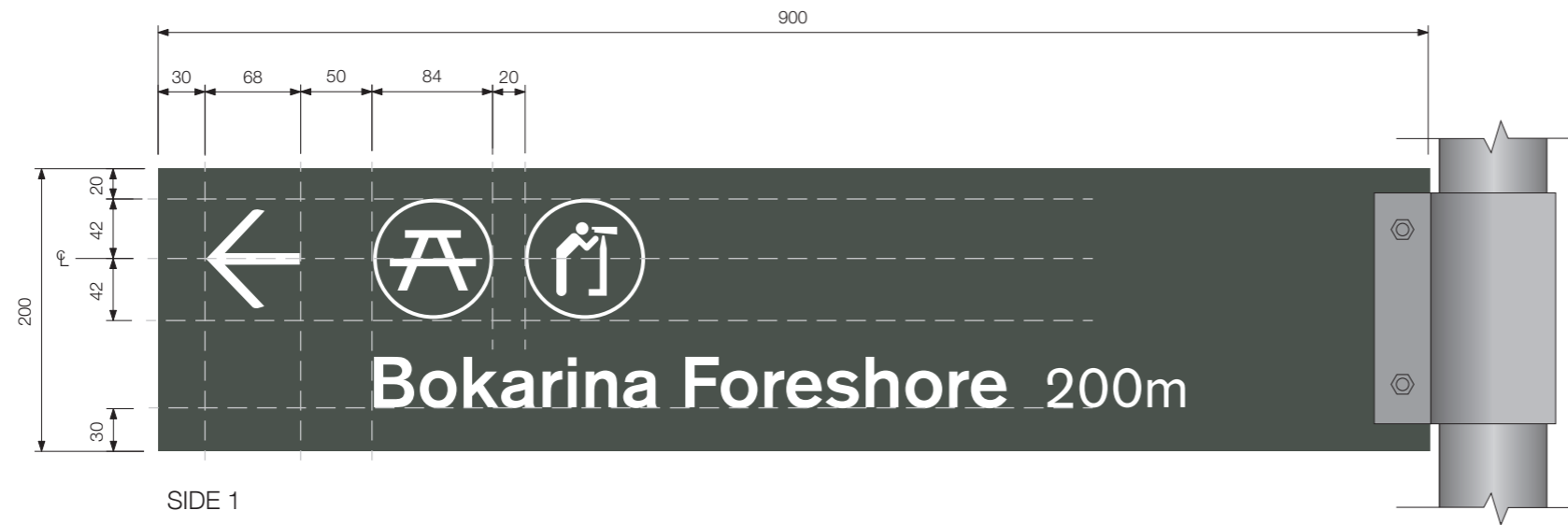
Sign Type 2.1  
Directional Finger Blade  
Sheet 3 of 4

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

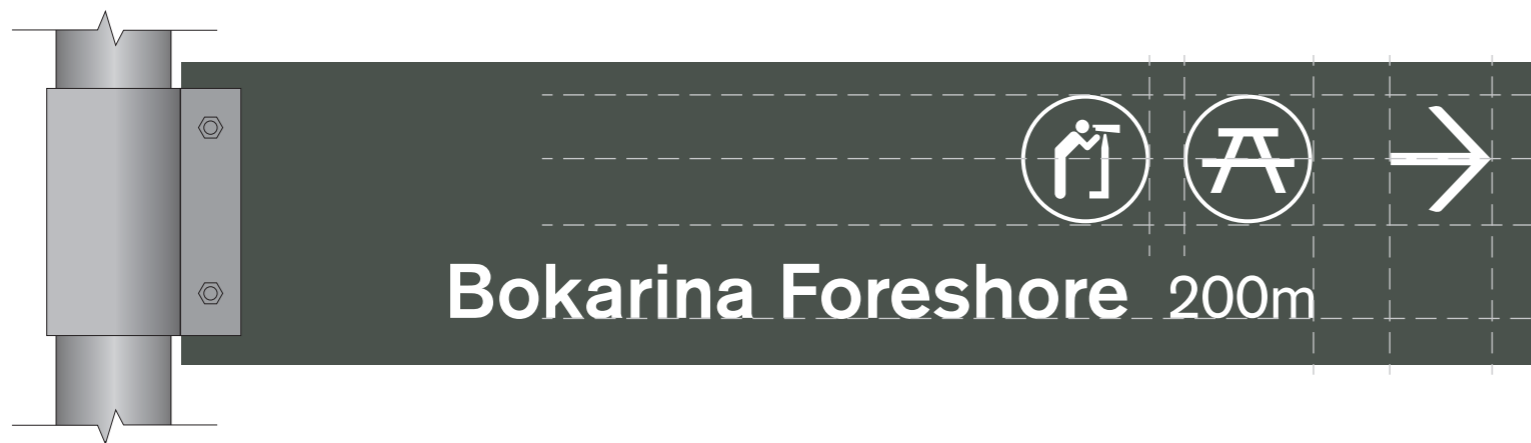
Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

Refer to sheet 21 for graphic details.



SIDE 1



SIDE 2

Graphics Details

Scale 1:10

**TIER 2 - SUPPLEMENTARY SIGNS**

**Sign Type 2.1  
Directional Finger Blade  
Sheet 4 of 4**

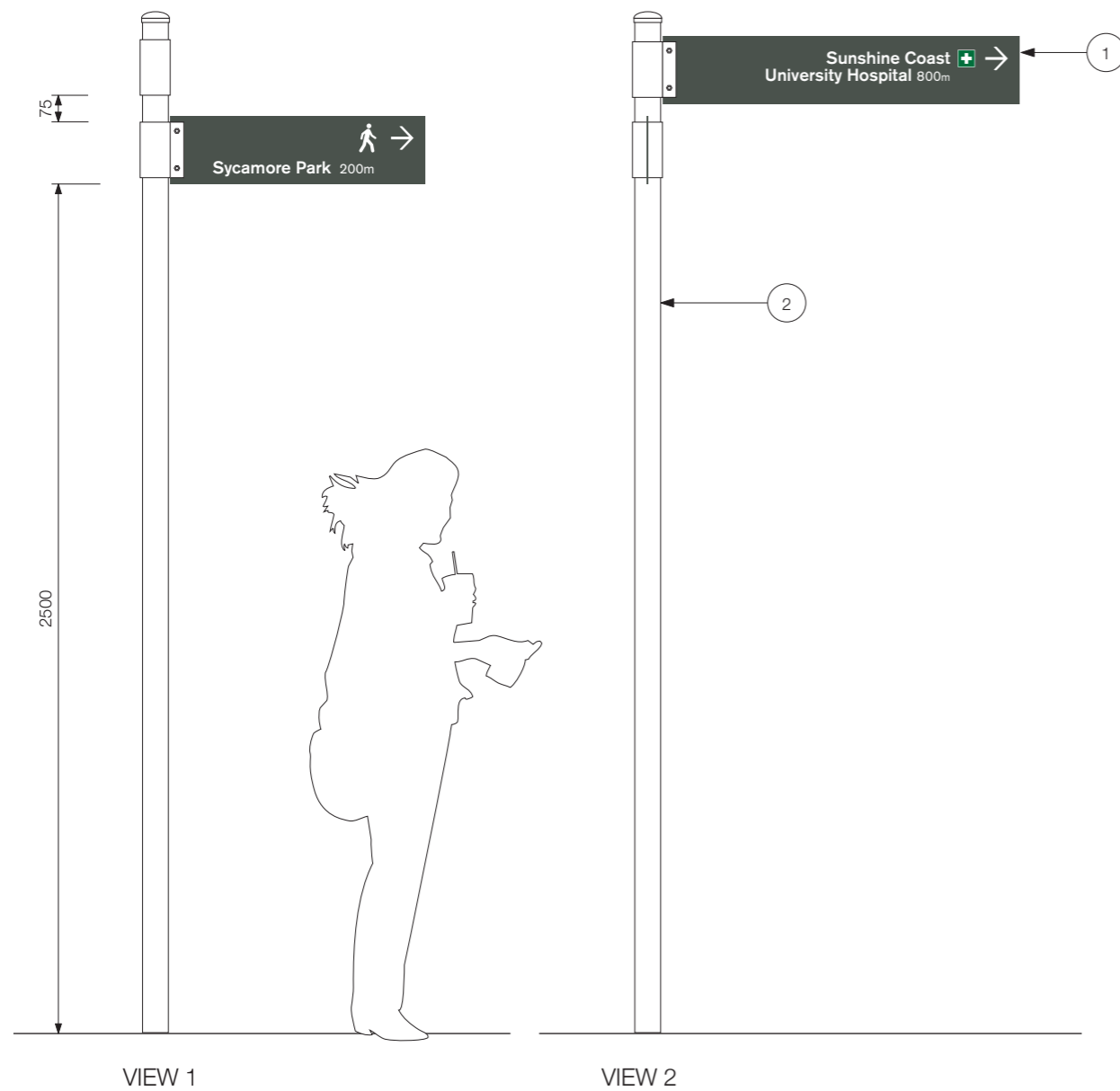
Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

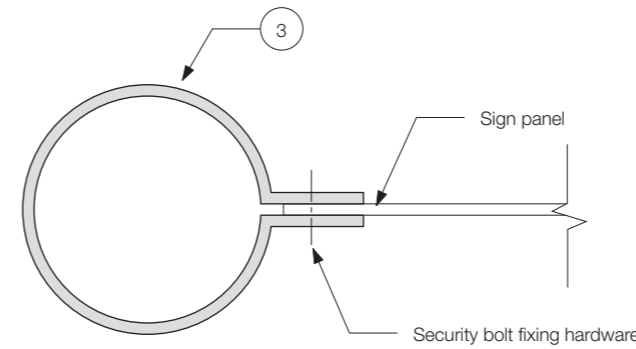
Due to this reproduction process the colours in this image are not exact representations of the final product.

**CONSTRUCTION DETAILS**

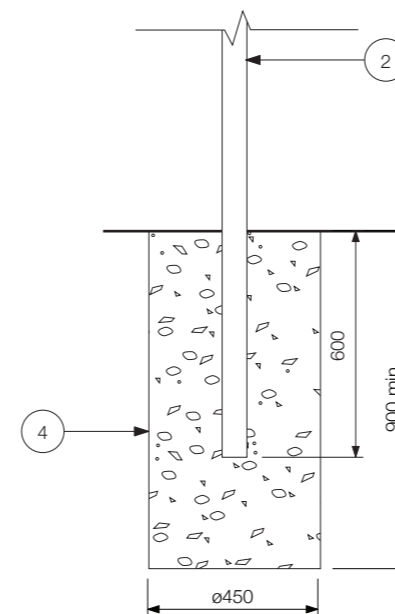
1. 3-5mm thick aluminium sign panel depending on length. To be 2 pac painted to all visible sides with anti-graffiti spray clear coat finish all over.
2. Ø60mm nominal bore CHS galvanised posts and cap to match local council street sign standards.
3. 2 part G-James street signage bracket to fix sign panel to post.
4. Newly installed posts to be embedded a minimum of 600mm into concrete footing to engineers specification.



**Typical Elevation**  
Scale 1:20



**TOP VIEW**  
**Panel Clamp Detail**  
Scale 1:2



**Direct Embed Footing Detail**  
Scale 1:20

TIER 2 - SUPPLEMENTARY SIGNS

Sign Type 2.2  
Directional Bollard  
Sheet 1 of 3

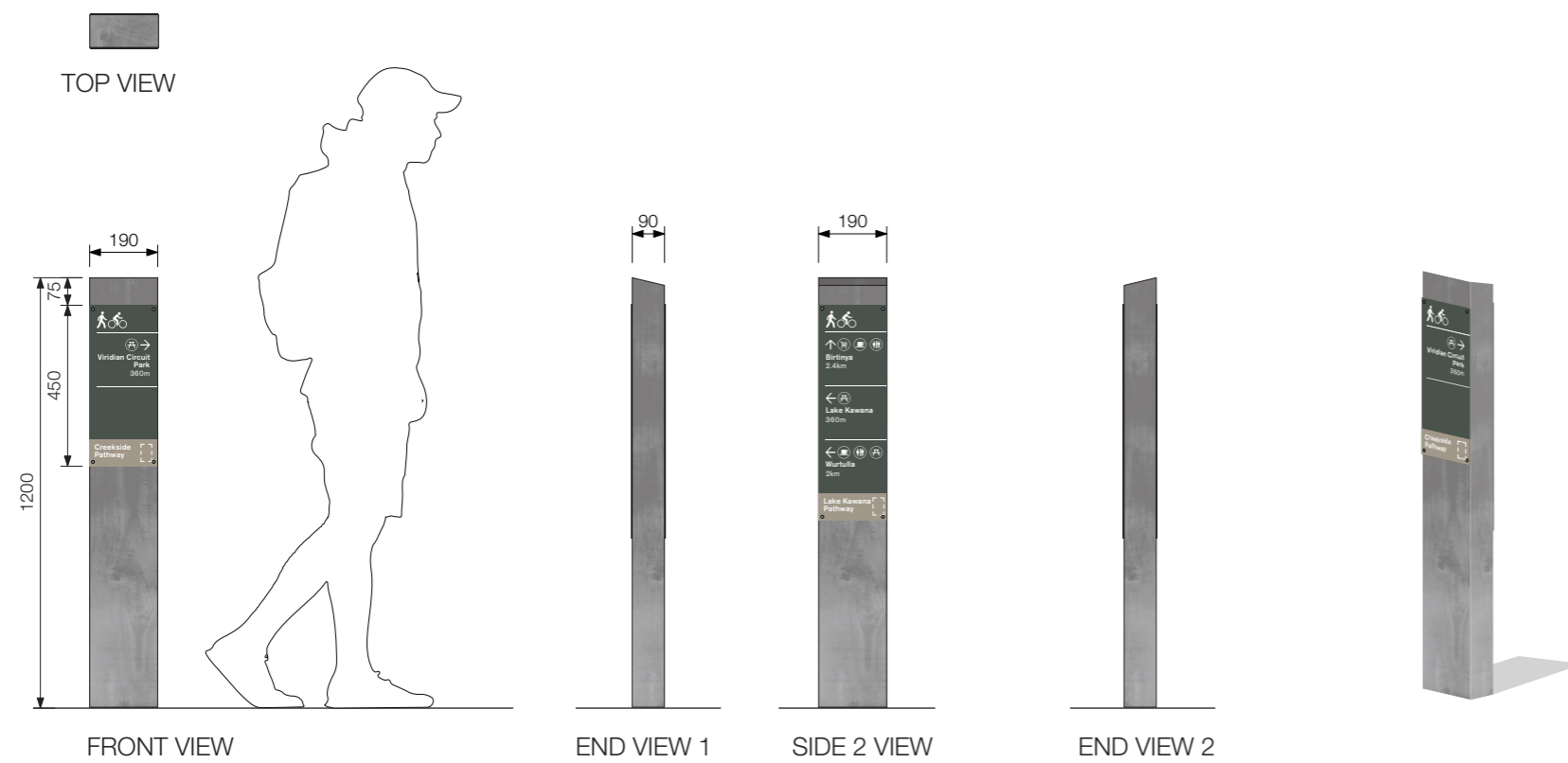
Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

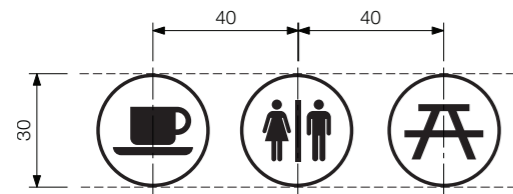
Refer to page 25 for graphic layout details.

Refer to page 26 for construction details.



Elevations

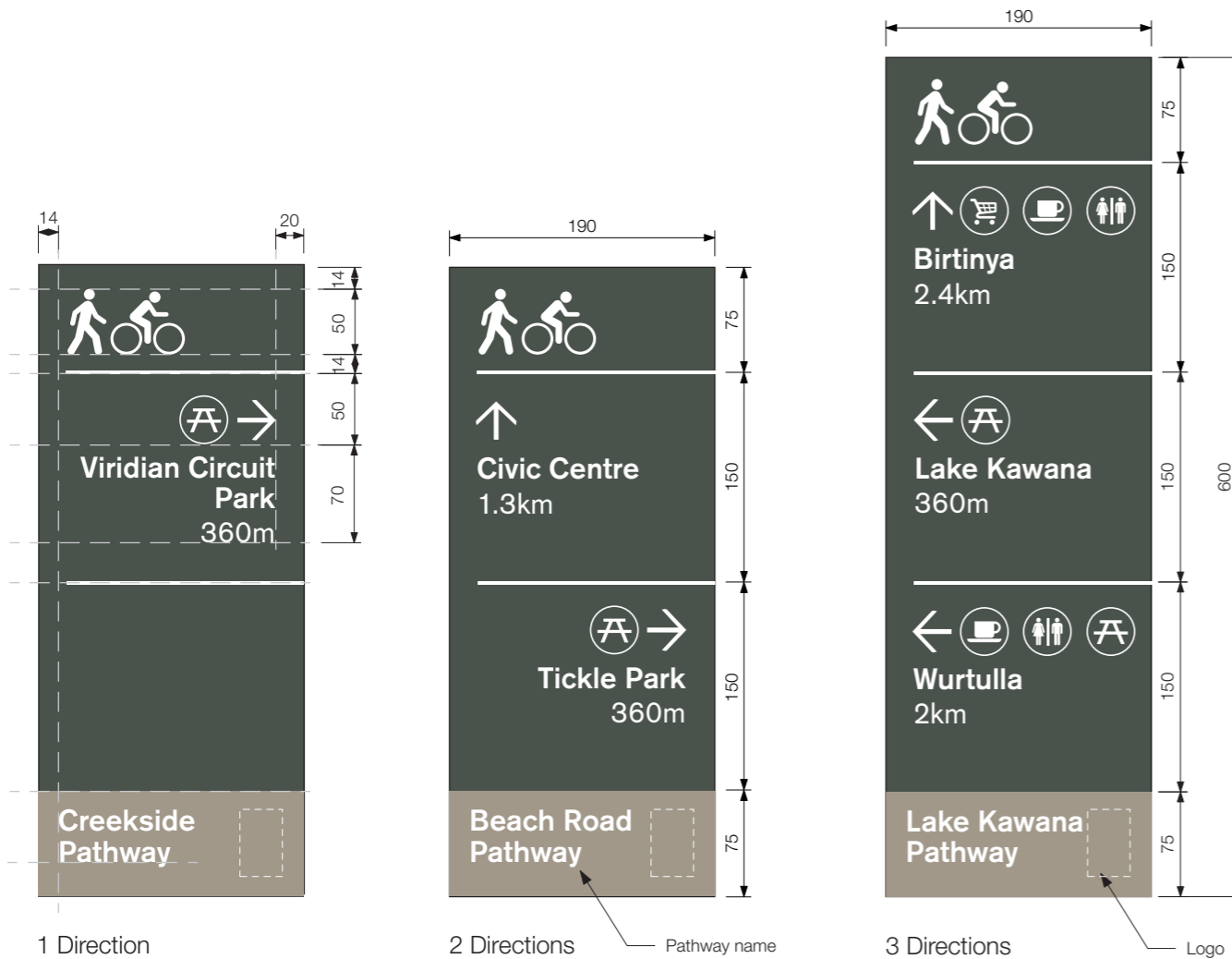
Scale 1:20



PICTOGRAM SET OUT

**Graphic Layout**

Scale 1:2



**Typical Graphics – Layout Types**

Scale 1:5

**TIER 2 - SUPPLEMENTARY SIGNS**

**Sign Type 2.2  
Directional Bollard  
Sheet 2 of 3**

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**GRAPHIC LAYOUT DETAILS**

**Font**

Akzidenz Grotesk Medium  
Akzidenz Grotesk Regular

**Colour**

**MAIN PANEL**  
2 pac painted background with vinyl graphics over.  
Background = Colourbond Woodland Grey  
Graphics = Avery White Matt 920  
Shared path pictograms = Avery White Matt 920

**FOOTER PANEL**

2 pac painted background with vinyl graphics over.  
Background = Pantone 403C  
Graphics = Avery White Matt 920

**Finish**

**ANTI-GRAFFITI**  
Option (i) = Satin 2 pack paint finish with anti-graffiti spray clear coat finish applied all over sign panel.

Option (ii) = 290 x 1160mm clear Dupont 'Tedlar' SP polyvinyl fluoride film with low gloss finish laminated over full sign panel.

**ALTERNATIVE GRAPHICS OPTION**

**FULL COLOUR DIGITAL PRINT**  
290 x 1160 full colour digital print (including Header, Map and Footer panels) onto polymetric vinyl with anti graffiti polyvinyl fluoride film over.

**TIER 2 - SUPPLEMENTARY SIGNS**

**Sign Type 2.2  
Directional Bollard  
Sheet 3 of 3**

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture. All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**CONSTRUCTION DETAILS**

**Notes**

**TIMBER PANELS**

Dressed, class 2 F17/F27 minimum hardwood timber

Timber Finish:

- Dressed / machined timber to specified size
- Tanalith E / ACQ Treatment
- CN oil finish top coat
- Treat with Tanacoat oil

1. 2mm thick fabricated aluminium sign panel fixed flush to face of timber column. To be 2 pac painted to all visible sides with anti-graffiti spray clear coat finish all over.

2. Sign panels to be countersunk screwed to timber face using post torx button head self tapping screw, with vinyl applied over.

3. M20 - 4.6s 200mm long HDG bolt fixed through timber.

4. 190 x 90mm F17/27 Class 2 minimum hard wood bollard. Direct embedded into no fines concrete.

**Alternative Bollard Option**

Recycled plastic Bollard

Bollard = 'The Marion' by Replas Recycled Plastic Products

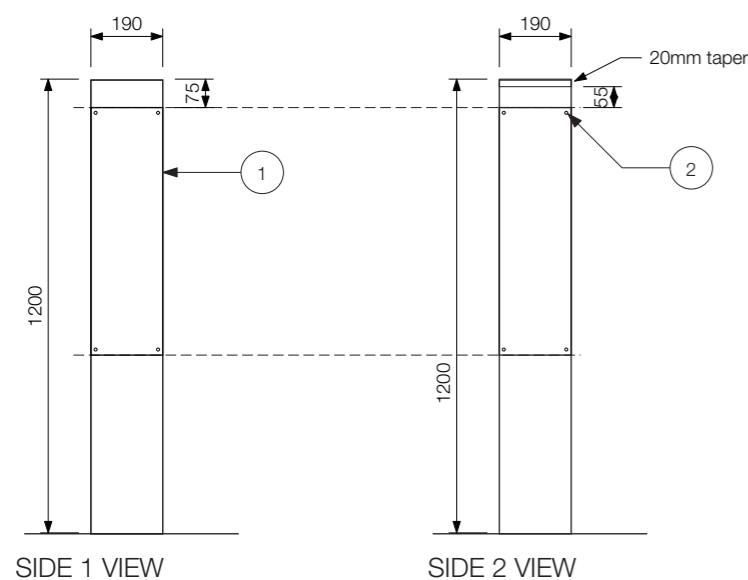
Size = 200mm wide x 75mm thick

Colour = Replas Grey

Refer to [www.replas.com.au](http://www.replas.com.au)

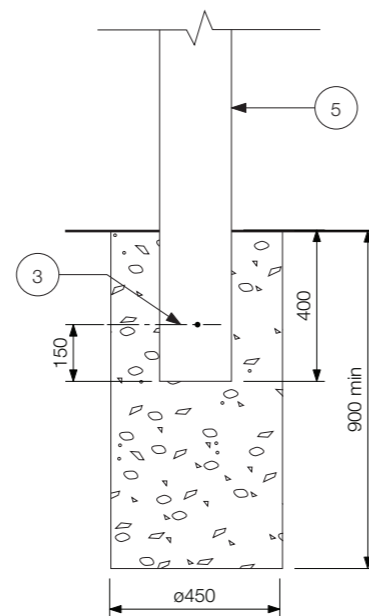
**Footings**

Reinforced concrete footing to be confirmed by sign maker's engineer. All fixings shall be below ground level to reduce trip hazards. Re-instate / make good paving or pavement, with no changes of level greater than 3mm and no gradients steeper than 1:40



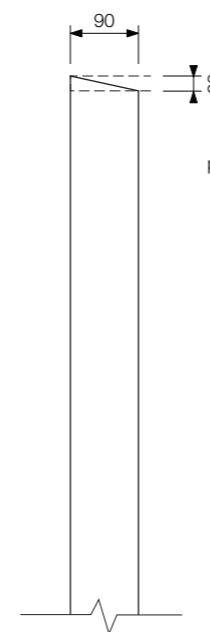
**Dimensions**

Scale 1:20



**Direct Embed Footing Detail**

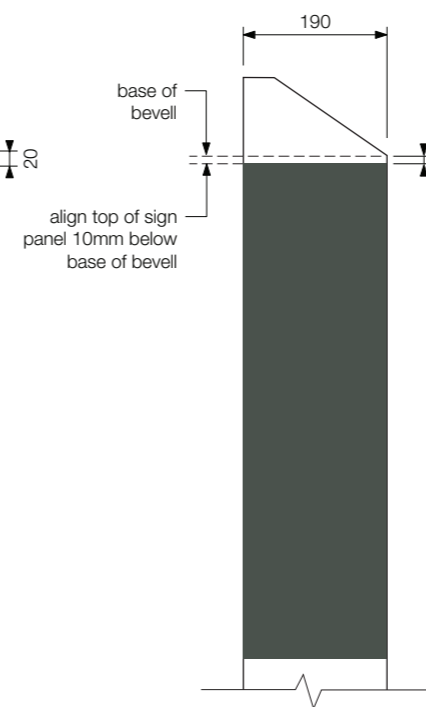
Scale 1:20



**END VIEW**

**Tapered Detail**

Scale 1:10



**FRONT VIEW**

**Recycled Plastic Detail**

Scale 1:10

TIER 2 - SUPPLEMENTARY SIGNS

Sign Type 2.3  
Behavioural Signs  
Sheet 1 of 3

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Signmaker to confirm all details for approval on shop drawings prior to manufacture.

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Refer to page 28 for graphic layout details.

Refer to page 29 for construction details.



PEDESTRIAN BEHAVIOURAL SIGN

CYCLIST BEHAVIOURAL SIGNS

END VIEW 1

SIDE 2 VIEW

END VIEW 2

AXONOMETRIC VIEW

Typical Sign Location

Scale 1:20

**TIER 2 - SUPPLEMENTARY SIGNS**

**Sign Type 2.3  
Behavioural Signs  
Sheet 2 of 3**

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Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Due to this reproduction process the colours in this image are not exact representations of the final product.

**GRAPHIC LAYOUT DETAILS**

**Font**

Akzidenz Grotesk Bold  
Akzidenz Grotesk Medium  
Akzidenz Grotesk Regular

**Colour**

**MAIN PANEL**  
2 pac painted background with vinyl graphics over.  
Background = Colourbond Woodland Grey  
Graphics = Avery White Matt 920  
Shared path pictograms = Avery White Matt 920

**FOOTER PANEL**

2 pac painted background with vinyl graphics over.  
Background = Pantone 403C  
Graphics = Avery White Matt 920

**Finish**

**ANTI-GRAFFITI**  
Option (i) = Satin 2 pack paint finish with anti-graffiti spray clear coat finish applied all over sign panel.

Option (ii) = 290 x 1160mm clear Dupont 'Tedlar' SP polyvinyl fluoride film with low gloss finish laminated over full sign panel.

**ALTERNATIVE GRAPHICS OPTION**

**FULL COLOUR DIGITAL PRINT**  
290 x 1160 full colour digital print (including Header, Map and Footer panels) onto polymetric vinyl with anti graffiti polyvinyl fluoride film over.

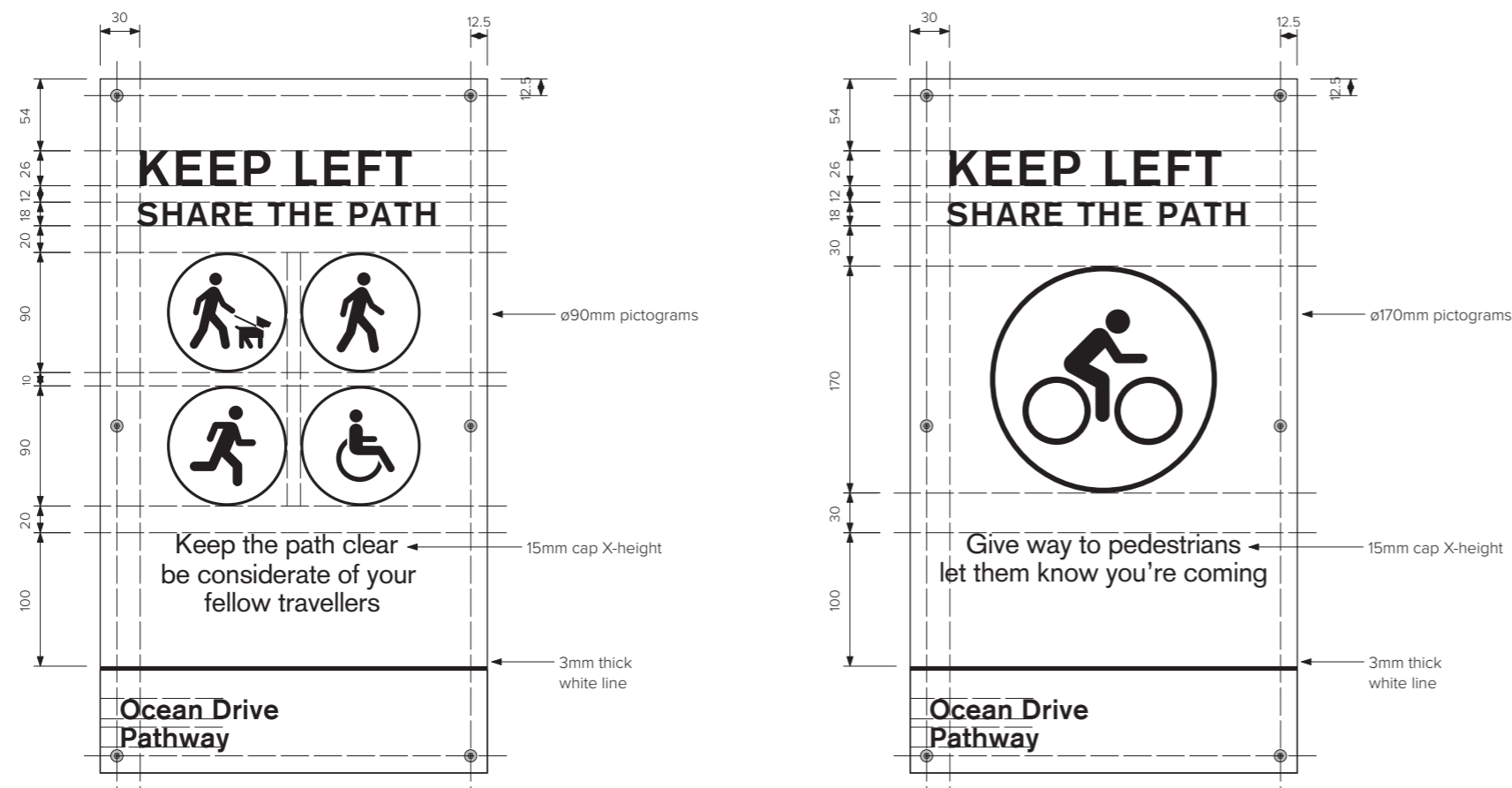


PEDESTRIAN BEHAVIOURAL SIGN

CYCLIST BEHAVIOURAL SIGNS

**Graphic Detail**

Scale 1:10



**Graphic Detail**

Scale 1:5

**TIER 2 - SUPPLEMENTARY SIGNS**

**Sign Type 2.3  
Behavioural Signs  
Sheet 3 of 3**

Unless otherwise noted all dimensions in millimetres. Use figured dimensions in preference to scaling. Contractor to confirm all dimensions and details on site prior to manufacture.

Signmaker to confirm all details for approval on shop drawings prior to manufacture. All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

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**CONSTRUCTION DETAILS**

**Notes**

**TIMBER PANELS**

Dressed, class 2 F17/F27 minimum hardwood timber

Timber Finish:

- Dressed / machined timber to specified size
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1. 2mm thick fabricated aluminium sign panel fixed flush to face of timber column. To be 2 pac painted to all visible sides with anti-graffiti spray clear coat finish all over.

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4. 290 x 90mm F17/27 Class 2 minimum hard wood bollard. Direct embedded into no fines concrete.

**Alternative Bollard Option**

Recycled plastic Bollard

Bollard = 'The Marion' by Replas Recycled Plastic Products

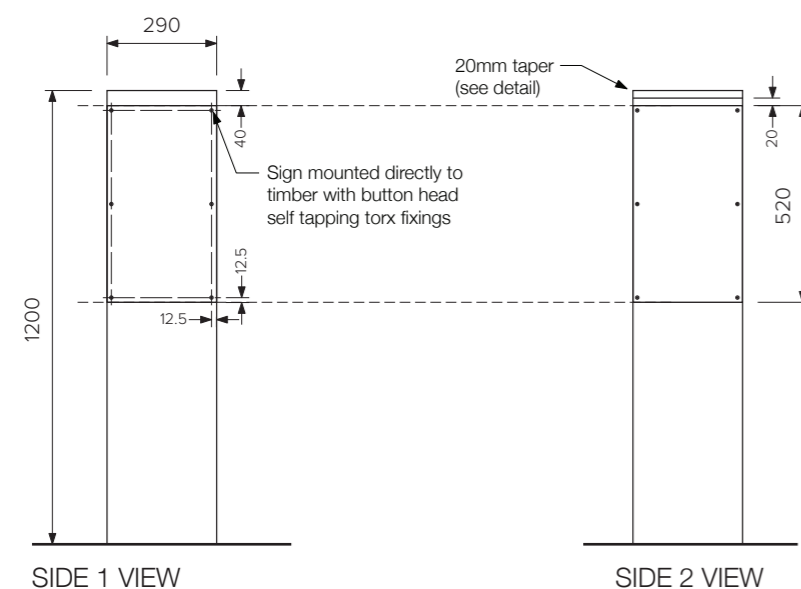
Size = 200mm wide x 75mm thick

Colour = Replas Grey

Refer to [www.replas.com.au](http://www.replas.com.au)

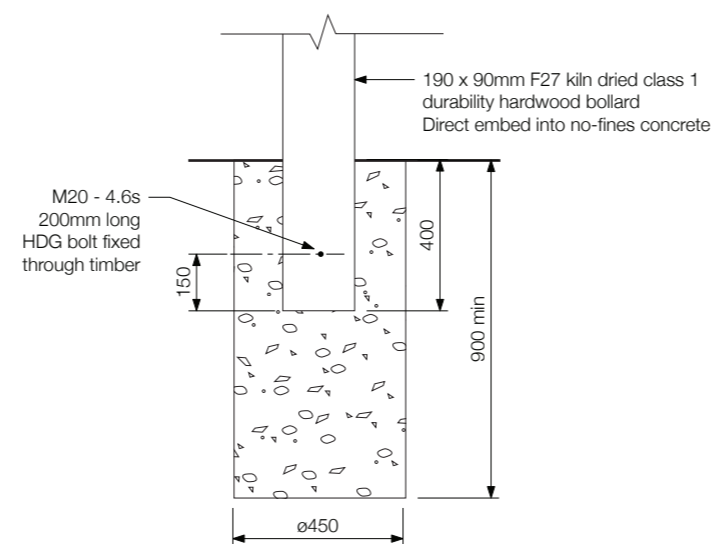
**Footings**

Reinforced concrete footing to be confirmed by sign maker's engineer. All fixings shall be below ground level to reduce trip hazards. Re-instate / make good paving or pavement, with no changes of level greater than 3mm and no gradients steeper than 1:40



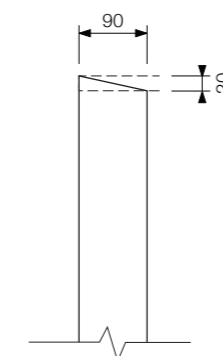
**Dimensions**

Scale 1:20



**Direct Embed Footing Detail**

Scale 1:20



**END VIEW**

**Tapered Detail**

Scale 1:10