

Natural Areas Sign Types

Issued May 2014 | Version 2: Updated September 2015

Foreword

This manual describes the signage system to be implemented throughout the City of Ipswich, Natural Areas.

The aim of the signage system is to ensure that external signs meet quality standards of aesthetic appeal, uniformity and simplicity, while being highly functional in providing the information necessary and in accordance with current BCA regulations and Australian Standards.

This manual is controlled by the City of Ipswich and serves to ensure consistent use when implementing new signage throughout the Natural Areas.

Due to the future development plans for Ipswich, this manual will be reviewed periodically to maintain currency and accuracy and to capture changing signage needs.



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City of Ipswich, Natural Areas Signage Manual

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Introduction

The purpose of the Natural Areas Signage Manual is to provide specific guidance to both Council staff and external suppliers (such as graphic designers and printers) on the use of the City of Ipswich Natural Areas Signage. This includes its visual elements, the application and use of these elements, and the provided templates. The Natural Areas Signage Manual is a stand-alone document to address signage exclusively with Council's natural areas. All signage depicted in this Manual replace the signage designs for the Natural Areas Network (i.e. Conservation Estates, Conservation Reserves and Local Reserves) in the current manual.

This Manual and the examples shown within have been designed as a model and follow the accepted corporate graphics standards. When followed properly, a consistent and successful style will be preserved—a style which provides a distinct visual identity for all signage within the City of Ipswich Natural Areas Network.

Amendments to the Manual

It is understood that this Manual is by nature a living document. It will necessarily evolve to meet new, unforeseen circumstances and contexts. To this end, should the rules specified in the current edition of the Manual not address a particular circumstance or user need, specific guidance should be sought from the Chief Operating Officer of the Works, Parks & Recreation Department. A new rule would as a result, be created.

Update Register

May 2014	First release
September 2015	Update

Scale

Sign diagrams shown in this Manual may not be to scale, unless otherwise specified.

Sign Ordering Process

Signage Order Form

City of Ipswich, Natural Areas – Page 1 of 2

Details	
Contact Name	Phone
Project Description	Fax
Job Code	Email
Sign Location	<input type="radio"/> Quote <input type="radio"/> Order

Level of signage	Purpose
<input type="radio"/> Citywide (Level 1) <input type="radio"/> District (Level 2) <input type="radio"/> Local (Level 3)	<input type="radio"/> Identification <input type="radio"/> Directional
<i>(Select sign type over page in consultation with ICC NR signage officer)</i>	<input type="radio"/> Interpretative <input type="radio"/> Regulatory

Support Information
<input type="radio"/> Sponsor / partner logo <i>(specify)</i> <input type="radio"/> Sponsor / partner message <i>(write)</i>

Maps	Images
Maps Required	Images Required

Message - List details or attach separate page / Word format document

panel i.	Headline	Sub Head
	Body Text <i>(please attach any extra text)</i>	

panel ii.	Headline	Sub Head
	Body Text <i>(please attach any extra text)</i>	

panel iii.	Headline	Sub Head
	Body Text <i>(please attach any extra text)</i>	

Signage Order Form

Please select the required sign type with a tick in the circle

NCW-ID-1 Conservation Estate Identification Sign
(Include information for panel ii. if 2 sided option is required)

NDI-ID-1 Conservation Reserve Identification Sign
(2 sided sign)

ID-2 Major External Area Identification Sign
(2 sided sign)

ID-3 Minor External Area Identification Sign
(2 sided sign)

DR-1 Minor Site Directional
(up to 8 panels)

DR-2 Trail Marker
(2 sided sign)

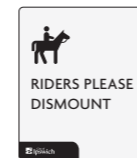
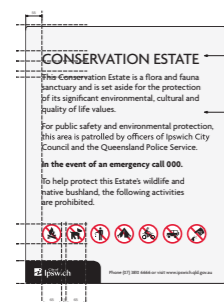
IF-1 Signage Shelter – 4 bays
(up to 12 panels)

IF-2 Signage Shelter – 1 Panel
(2 sided sign)

IF-3a Major Interpretation Sign
(Single sided sign)

IF-3b Minor Interpretation Sign
(Single sided sign)

IF-4 Dedication Sign
(Single sided sign)



IF-5 Conservation Estate
(Single sided sign)

IF-6 Horse Trail
(Single sided sign)

RG-L Large Regulatory Sign
(Single sided sign)

RG-M Medium Regulatory Sign
(Single sided sign)

RG-S Small Regulatory Sign
(Single sided sign)

RG-18 Pictogram
(Single sided sign)

RG-19 Toilet Facilities
(Single sided sign)

Graphic Standards

Graphic Standards

Colour Palette and Using the Council Logo Tab device

City of Ipswich Logo Tab

The Logo Tab device is to be used only for Natural Area signage purposes.
The Logo Tab is applied to all major identification and interpretative signage, or as specified.

Proportions

It is important to retain a consistent relationship between the size of the Logo Tab and the overall sign.

Field requirements

Always allow generous space around the Logo Tab in all signage applications.
No text is to encroach on the space as specified above.

Alignment

Wherever possible, the Logo Tab is to always be positioned on the lower left base of identification signage. However, in certain instances of interpretative signage, it may be deemed that a right alignment of the Logo Tab is more appropriate to the overall design. Furthermore, in extreme circumstances where the logo would otherwise be obscured by structural elements such as rivets, it is permissible to extend the tab to avoid logo obstruction.

Colour selection

The colour of the Logo Tab is to be consistent with the topology of the natural area.

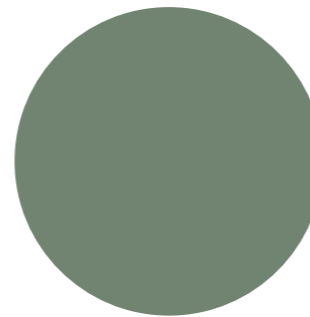


ICC Logo to be present on all major identification and interpretive signage, or as specified.

Home of the
Yagara People

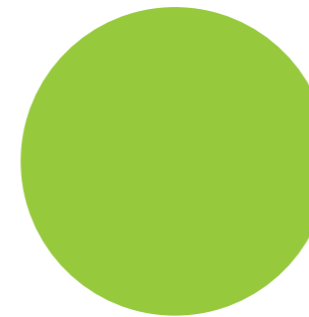


ICC Totem - Totem is to appear as per layouts contained in this manual. Where uncertainty as to the inclusion or placement of Totem occurs, final signoff is to be sought from the ICC Indigenous Land Use Partnerships Coordinator.



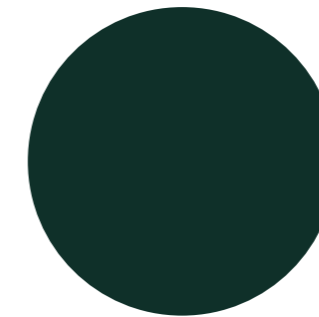
Pantone 5625

ICC Brand Colour
Pale Eucalypt
Paint = Dulux Beech Fern P21/B6
CMYK = 46 - 18 - 44 - 37



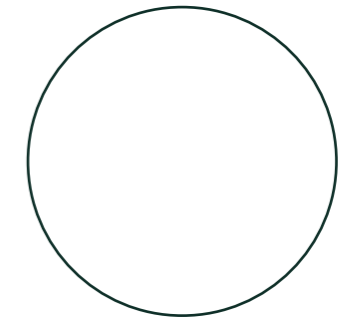
Pantone 375 C

Paint = Dulux Effervescent Lime
Vinyl = Arlon Carlon 2100 - Kiwi 79
CMYK = 46 - 0 - 90 - 0
Light Reflectance Value = 61%



Pantone 5467 C

Paint = Dulux Cruel Sea
Vinyl = Arlon Carlon 2100 -
Bottle Green 230
CMYK = 86 - 33 - 57 - 92
Light Reflectance Value = 5%



White

Paint = Dulux Vivid White
Vinyl = Arlon Carlon 2100 -
White Matt 49
CMYK = N/A
Light Reflectance Value = 95%

Graphic Standards

Typography

Headings/Titles

Agenda Medium is a robust sans serif font which ensures a high degree of legibility across various applications. It is the primary font for the City of Ipswich Natural Areas and is used for all identification and directional signage.

Body copy

Agenda Light is to only be used in instances where large areas of text is necessary i.e. paragraphs of text on interpretative signage.

The above typefaces are also available as italic versions. It is recommended these Italic versions are used sparingly for optimum legibility.

Deciding Text Size

All text should be scaled to suit the application. Use your discretion when deciding upon appropriate sizing. The minimum size at which the fonts are to be used is 10pt. The minimum size is only to be used in select instances where there is a large amount of information displayed within a small area such as the details on interpretative maps.

Line Spacing/Leading

For optimum legibility, it is advised that ample line space/leading be left between each line of text. All titling text on identification signage must retain a 1:1 X-height to leading ratio i.e. text with a size of 200 pt. must be space with 200 pt. leading. The leading for large areas of body text may be more generous, with a X-height to leading ratio that is greater than 1:1. i.e. this paragraph.

Tracking/Letter spacing

For optimum legibility, it is advised that tracking/letter spacing is set to "optical", not "metrics".

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Agenda medium

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Agenda light

Graphic Standards

Arrows and Pictograms



The arrows above are to be used on all City of Ipswich Natural Areas directional signage



The pictograms and symbols and the corresponding code used within signage in the City of Ipswich Natural Areas.

Graphic Standards

Map design Elements

Flinders-Goolman Conservation Estate

Hardings Paddock Picnic Area / Flinders Plum Picnic Area

Ipswich Region

Inset A Hardings Paddock Picnic Area
Horse float access

Inset B Flinders Plum Picnic Area
No horse float access

Legend

- Major road
- Access road
- Walking track
- Creek
- Dam/water body
- Private property
- Grassed area
- Cliff line
- Creek Crossing
- Grid
- Parking
- Information
- Picnic shelter
- Toilets
- Barbecue
- Natural lookout
- Wheelchair access
- Hitching rail
- Horse facilities
- Horse trough
- Gate
- Bridge

Trail Rating Classifications

Trails in this estate have been assigned a rating under the Australian Standard for Walking Tracks, a difficulty rating under the International Mountain Biking Association Rating System, and South Australian Government's Trails Rating Classification for Horse Riding adapted from the Draft Recreational Trails Strategy for South Australia 2005-2010.

Walking Trails	Recreational Touring (Mountain Bike Riding)	Horse Riding
Class 2 (Easy)	Easiest	Class 1 (Easy)
Class 3 (Moderate)	Easy	Class 2 (Intermediate)
Class 4 (Moderate)	More Difficult	Class 3 (Advanced)
	Very Difficult	Advanced Grade (rough surface)
	Extremely Difficult	

Inset A
Hardings Paddock Picnic Area

- CC Chalk Circuit
- GC Gamlen Circuit
- RKL To Rocky Knoll Lookout
- GL To Goolman Lookout
- GLRK To Goolman Lookout via Rocky Knoll Lookout
- BIT Boonah to Ipswich Trail
- HT Horse Trail Circuit

Inset B
Flinders Plum Picnic Area

- SCT Sandy Creek Track return
- MBH Mt Blaine Hiking Track return

Trail name

Trail name	Trail Rating			Distance	Elevation
	Hiking	Mountain Bike Riding	Horse Riding		
Trails accessed from Hardings Paddock Picnic Area - horse float access					
CC Chalk Circuit	1			560m	700
GC Gamlen Circuit	2			3km	3,750
RKL To Rocky Knoll Lookout	2			2.4km return	3,000
GL To Goolman Lookout	2			5.6km return	7,000
GLR To Goolman Lookout via Rocky Knoll Lookout	2			7.4km return	9,250
BIT Boonah to Ipswich Trail	3			19km	23,750
HTC Horse Trail Circuit	3			9km	N/A
Trails accessed from Flinders Plum Picnic Area - no horse float access					
SCT Sandy Creek Track return	2			3.5km	4,375
MBH Mt Blaine Hiking Track return	2			2.5km	3,125

To ensure consistent wayfinding communication the following mapping style should be used across all Natural Areas signage elements, printed and online material. Maps used on signage elements should be orientated with a 'Heads up' approach to allow people to better understand walks and where things are. Map should be orientated, where possible, with respect to the environment and direction the user is facing.

Sign types Natural Areas

NCW-ID-1

Conservation Estate
Identification Sign

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.

Attention
Due to this reproduction process the colours shown in this drawing may not exactly represent the final product colour.

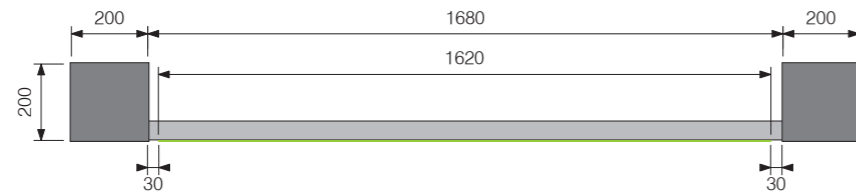
REFERENCE DOCUMENTS
This drawing must be read in conjunction with the following documents:
- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 3 of 3 for construction details

Graphics Detail
Refer to page 2 of 3 for graphics detail



TOP VIEW



FRONT VIEW

SIDE VIEW

BACK VIEW

Typical Elevations

Scale 1:20

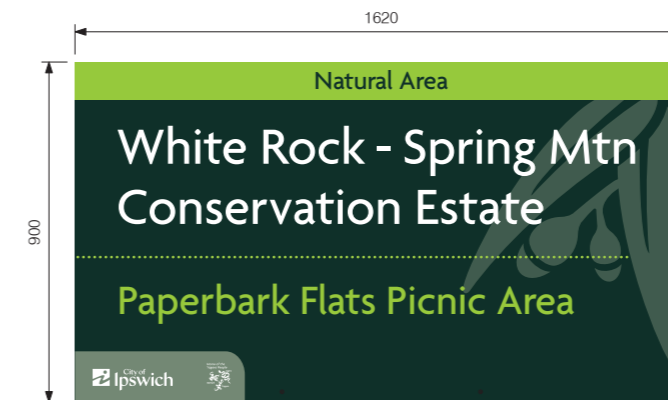
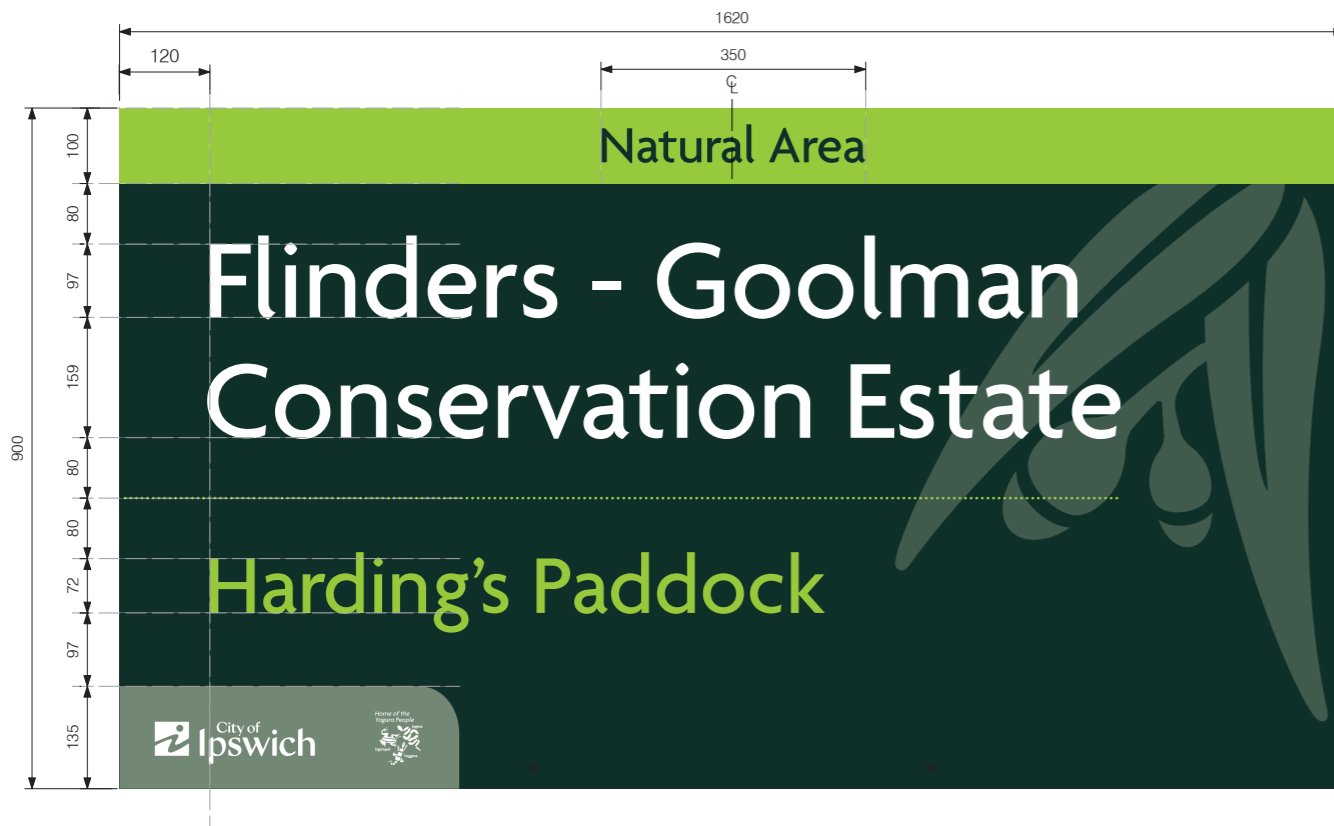
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Graphics Detail
FONT
Agenda Medium

SIZE
As shown on drawing

COLOUR
Refer to graphic standards for details



Graphic Layout

Scale 1:10

Typical Graphic Layouts

Scale 1:20

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Construction Details
1. 200mm x 200mm reclaimed Ironbark hardwood timber posts. Graded to RFGI- class 1 durability. Sourced from ICC approved supplier. To be coated with untinted Tanacoat oil or ICC approved equivalent. Rustic and weathered grey finish. 50mm x 3mm galvanised steel cap to top of posts. Screw on side - countersunk wood screws, 12 gage, 25mm.

2. Ironbark studs to match specification of timber posts. Fixed to posts with recessed coach screws. Rounded profile to top of stud to prevent water pooling.

3. 5mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre-drilled.

4. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing points to prevent damage to print.

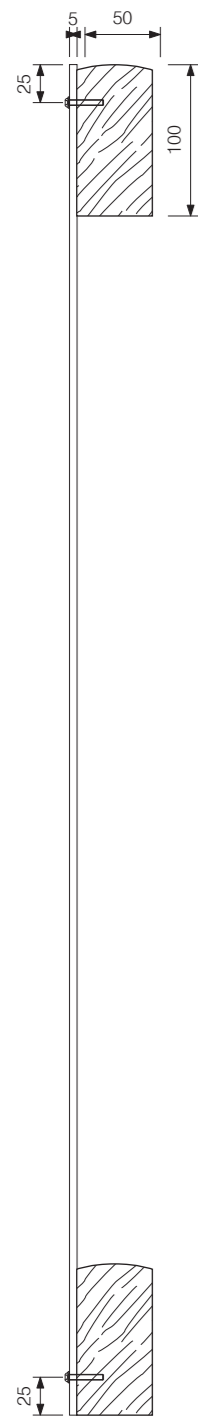
5. Sign panel fixed to timber with M5 stainless steel, security style, button head machine screws.

Footings
6. Timber column to be slotted over welded galvanised steel plate and fixed using zinc alloy plated hexagon flange bolts recessed into timber column.

7. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 1000mm.

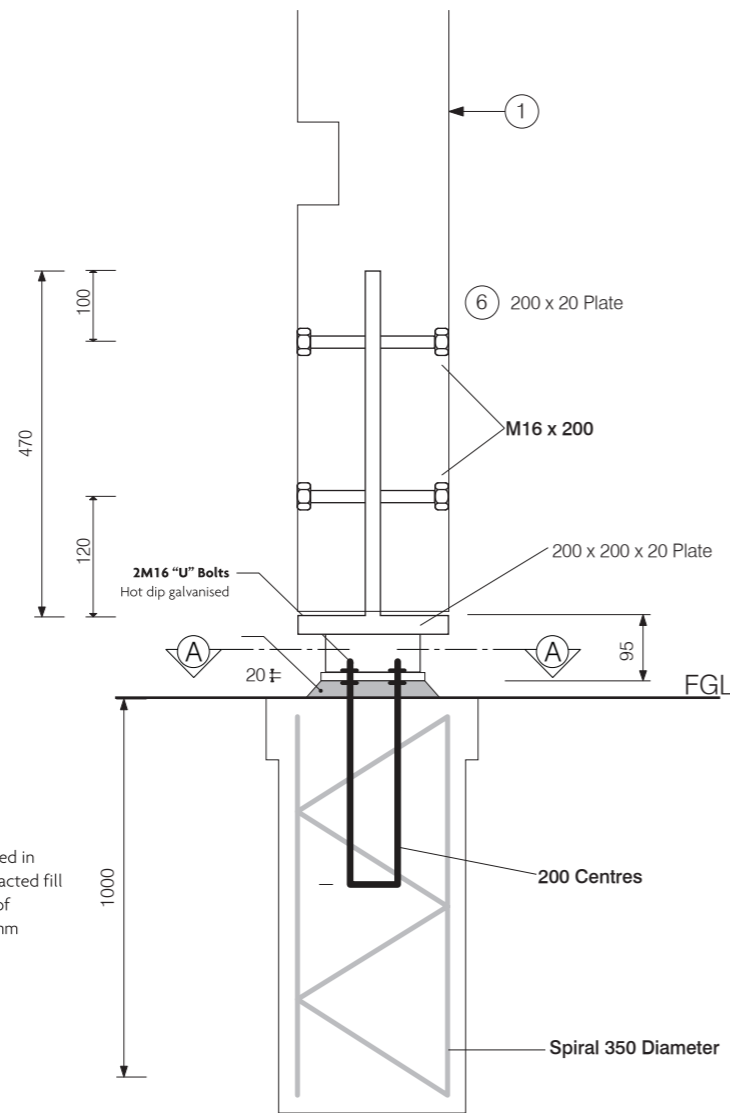
NB: All steelwork to be hot dipped galvanised.

Graphics Detail
Refer to page 2 of 3 for graphics detail.
Basic Plate Detail 6mm CFN.



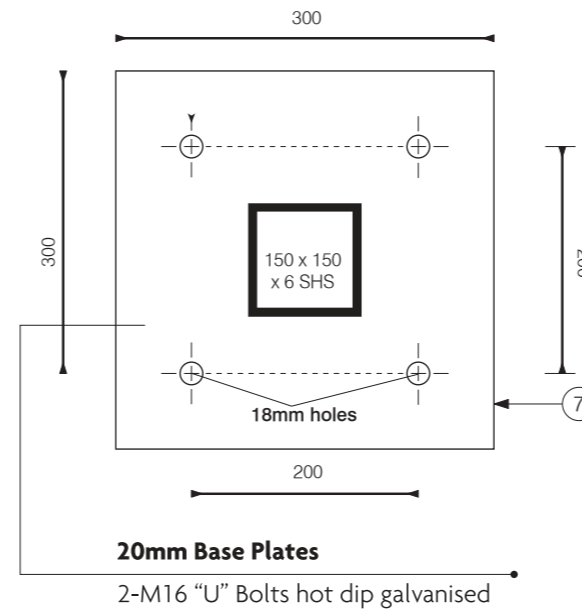
SIDE VIEW
SINGLE SIDED
OPTION

Fixing Detail
Scale 1:5

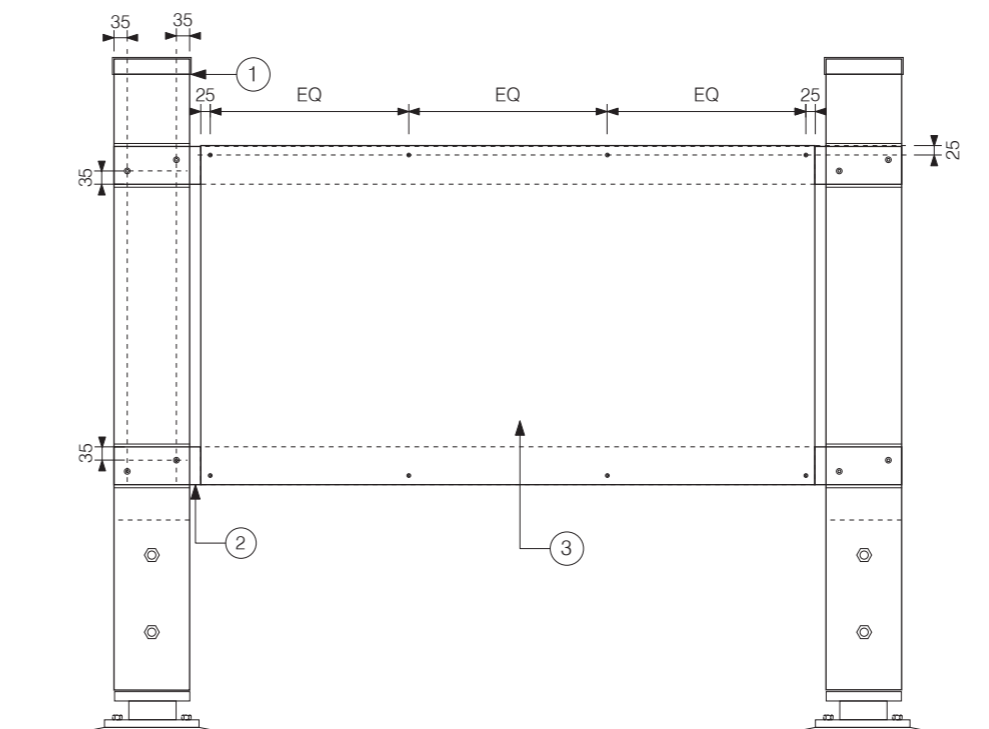


SIDE VIEW

Footing Detail
Scale 1:10



20mm Base Plates
2-M16 "U" Bolts hot dip galvanised



FRONT VIEW

Construction Detail
Scale 1:20

Sign types Natural Areas

NDI-ID-1

Conservation Reserve
Identification Sign

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.

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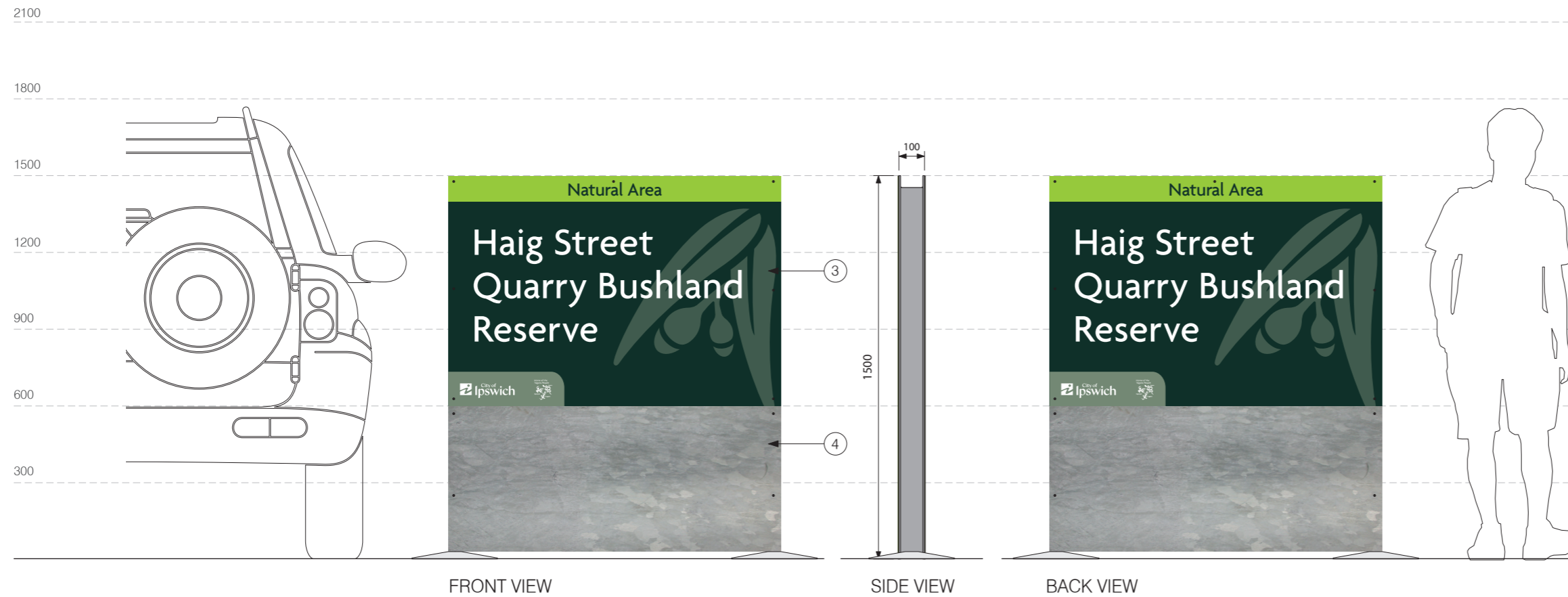
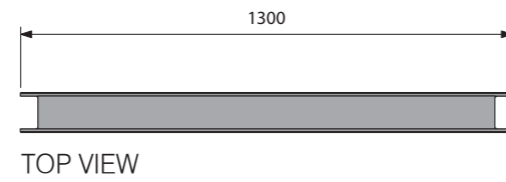
REFERENCE DOCUMENTS
This drawing must be read in conjunction with the following documents:
- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 3 of 3 for construction details

Graphics Detail
Refer to page 2 of 3 for graphics details



Graphic Layout

Scale 1:20

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.

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GENERAL CONSTRUCTION NOTES

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Construction Details

Refer to page 3 of 3 for construction details

Graphics Detail

FONT

Agenda Medium

SIZE

As shown on drawing

COLOUR

Refer to graphic standards for details



OPTION A - 2 LINES OF TEXT



OPTION B - 3 LINES OF TEXT

Graphic Layout

Scale 1:10

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REFERENCE DOCUMENTS
This drawing must be read in conjunction with the following documents:
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Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.
• Refer to General Construction Specification Appendix A.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
1. Galvanised steel parallel flange channel (100 PFC) sign frame. All material to be 100 PFC channel cross members.

2. 3mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre drilled

3. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing holes to prevent damage to print. Vinyl to wrap edges of panel to provide barrier between panels. Cut vinyl to suit corner detail on sign panel.

4. 3mm thick galvanised steel panel fixed to sign frame. 3mm radius on all corners. Fixing points to be pre-drilled. Butt up to aluminium sign panel. Panel to finish 25mm above ground level. Panel height to be coordinated with height of aluminium sign panel.

5. Sign panel fixed to column with M6 zinc alloy plated, security drive post square/phil button head combination machine screw.

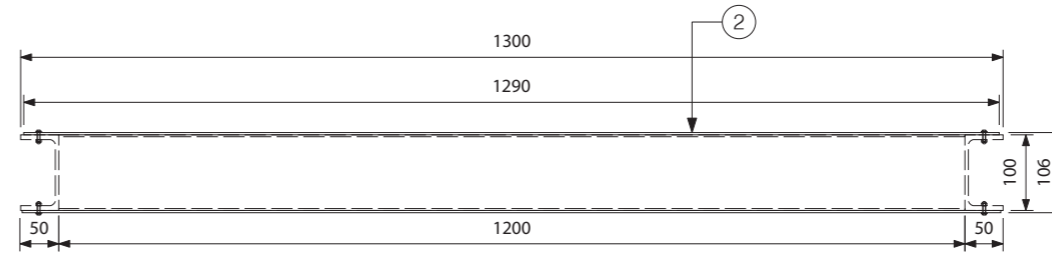
Footings
6. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

NB: All steelwork to be hot dipped galvanised.

Graphics Detail
Refer to page 2 of 3 for graphics detail.

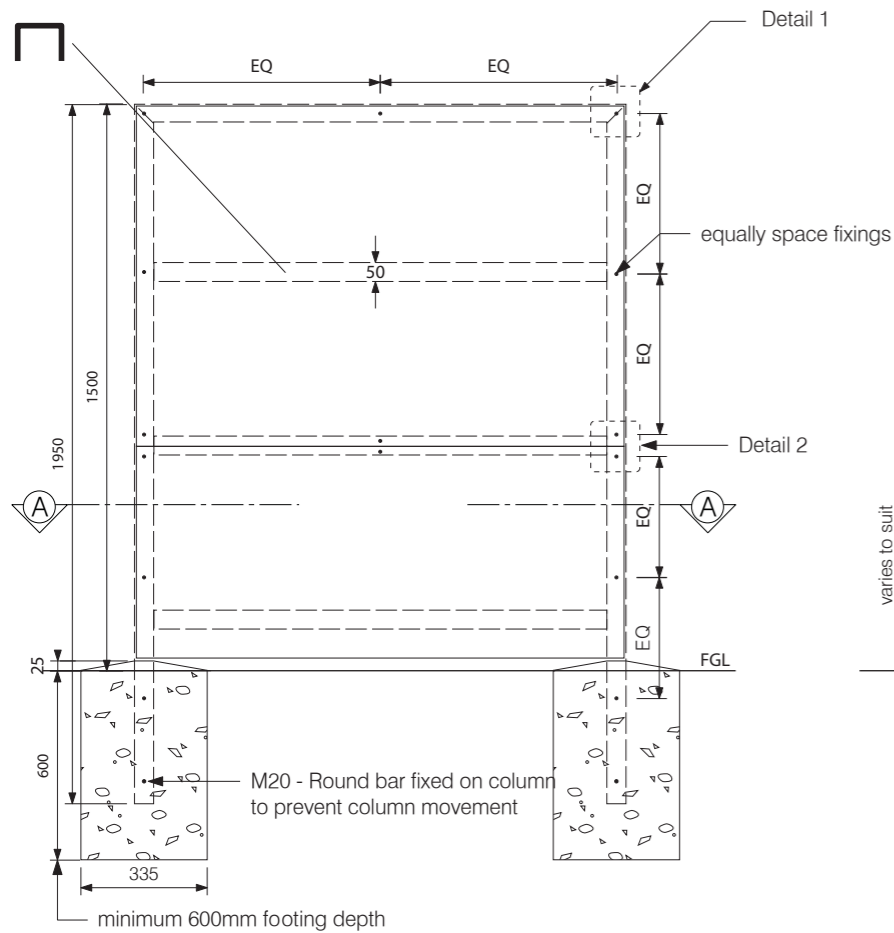


TOP VIEW



Section A-A

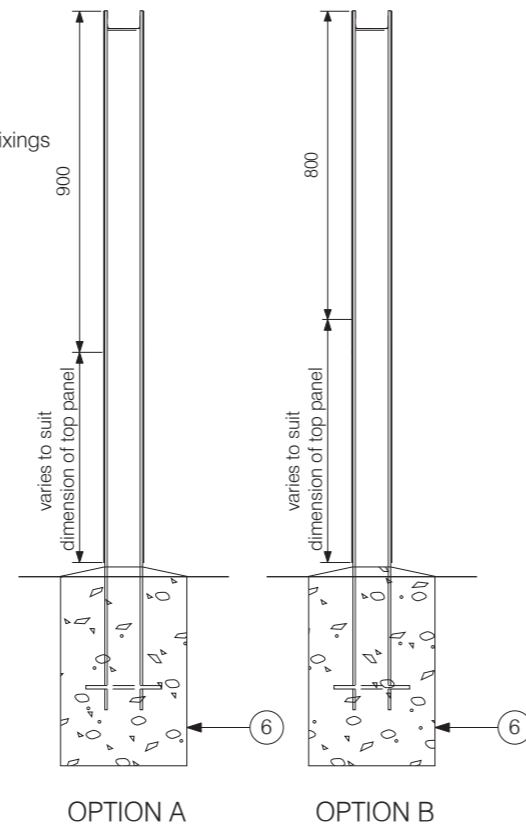
Scale 1:10



FRONT VIEW

Graphic Layout

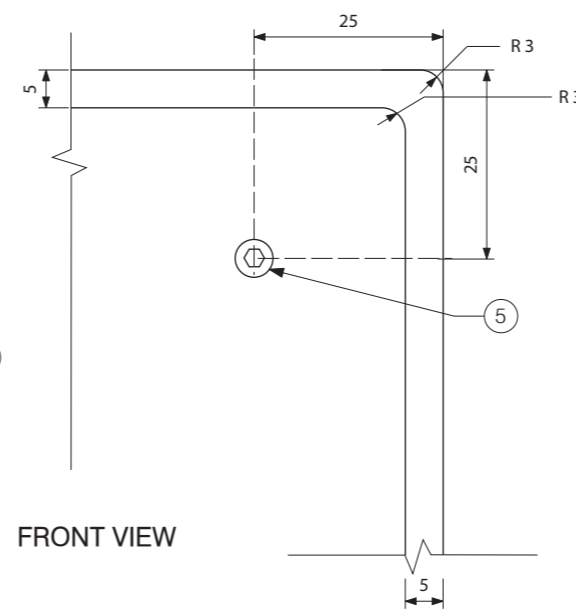
Scale 1:20



OPTION A

OPTION B

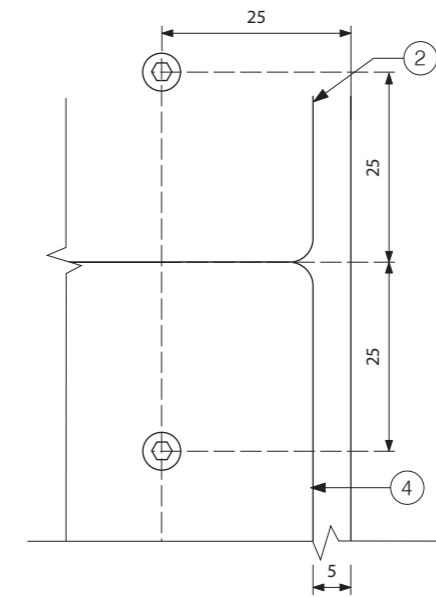
SIDE VIEW



FRONT VIEW

Detail 1

Scale 1:1



FRONT VIEW

Detail 2

Scale 1:1

Sign types Natural Areas

ID-2

Major External Area

Identification Sign

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.

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REFERENCE DOCUMENTS
This drawing must be read in conjunction with the following documents:
- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 3 of 3 for construction details

Graphics Detail
Refer to page 2 of 3 for graphics details



TOP VIEW



Typical Elevation

Scale 1:20

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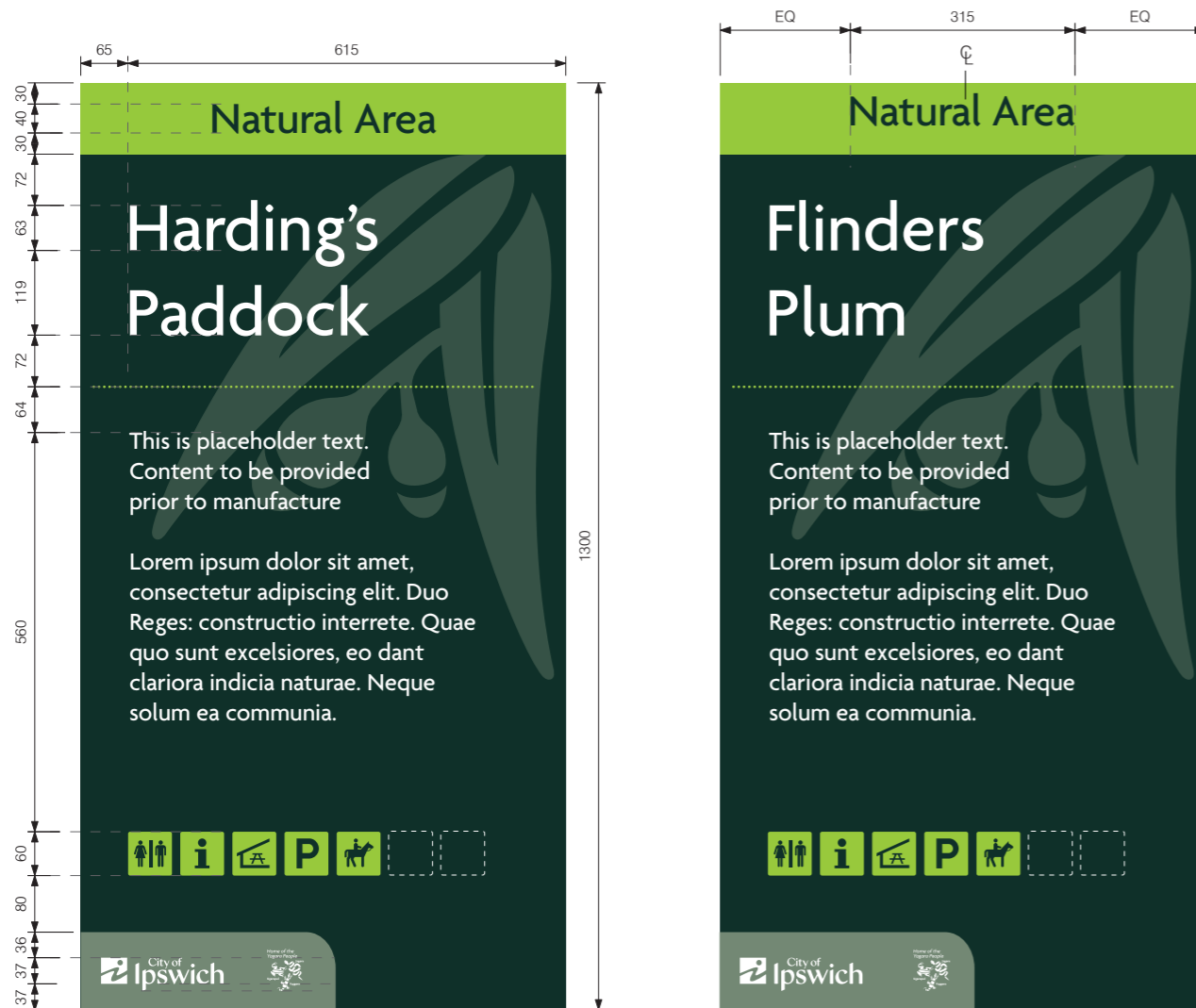
• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 3 of 3 for construction details

Graphics Detail
FONT
Agenda Medium

SIZE
As shown on drawing

COLOUR
Refer to graphic standards for details



Typical Graphic Layouts

Scale 1:10

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REFERENCE DOCUMENTS
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- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.
• Refer to General Construction Specification Appendix A.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
1. Galvanised steel parallel flange channel (75 PFC) sign frame. All materials to be 75 PFC cross channel members.

2. 3mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre drilled.

3. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti graffiti polyvinyl fluoride film over. Cut vinyl to match fixing holes to prevent damage to print. Vinyl to wrap edges of panel to provide barrier between panels. Cut vinyl to suit corner detail on sign panel.

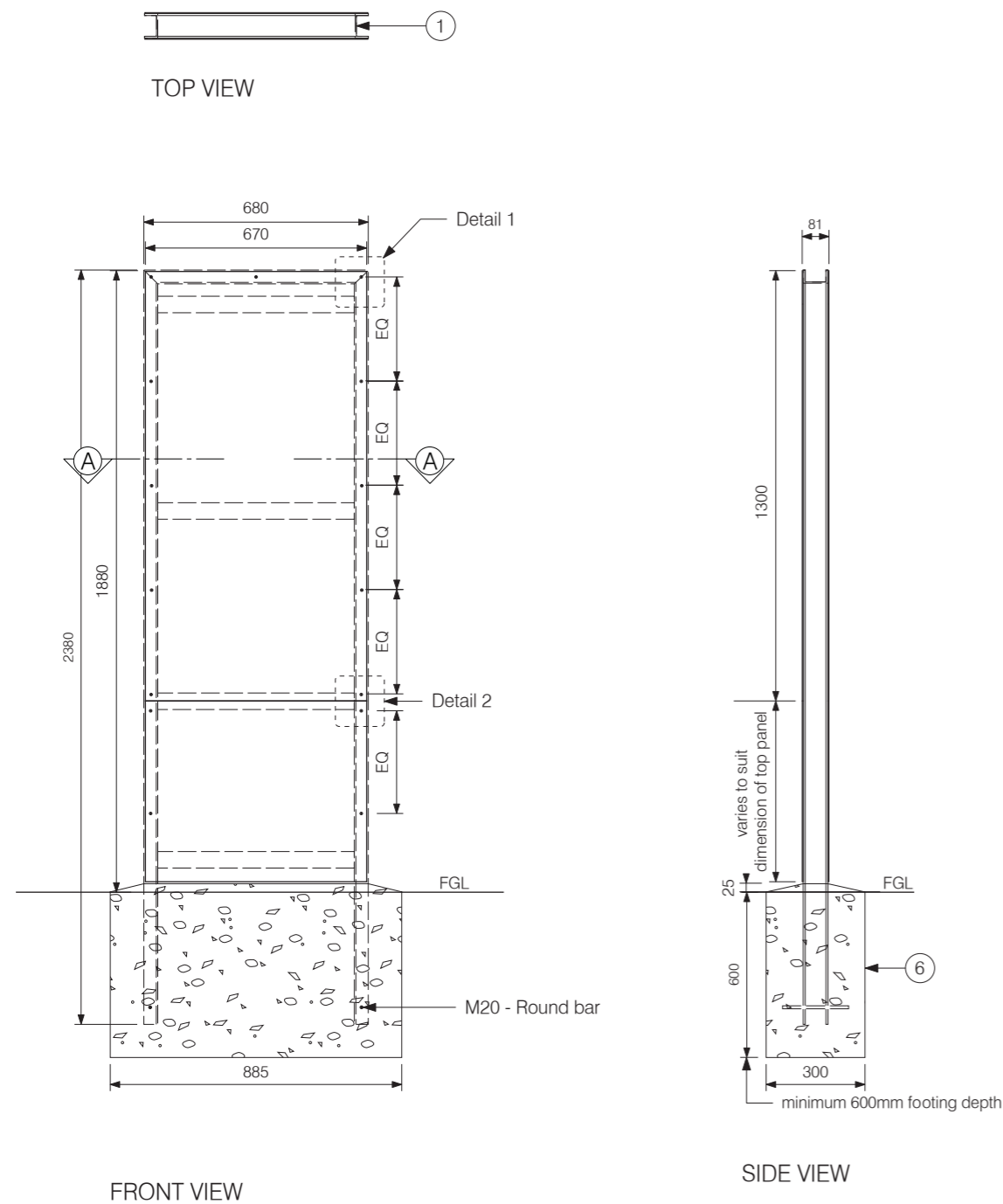
4. 3mm thick galvanised steel panel fixed to sign frame. 3mm radius on all corners. Fixing points to be pre drilled. But up to aluminium sign panel. Panel to finish 25mm above ground level.

5. Sign panel fixed to column with M6 zinc alloy plated, security drive post square/phil button head combination machine screw.

Footings
6. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

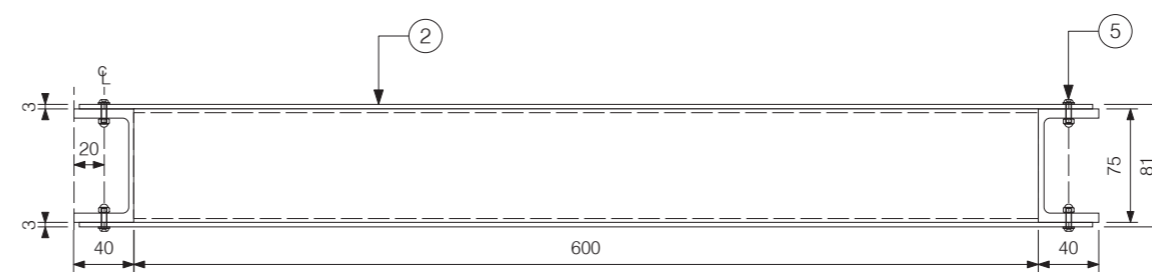
NB: All steelwork to be hot dipped galvanised.

Graphics Detail
Refer to page 2 of 3 for graphics detail.

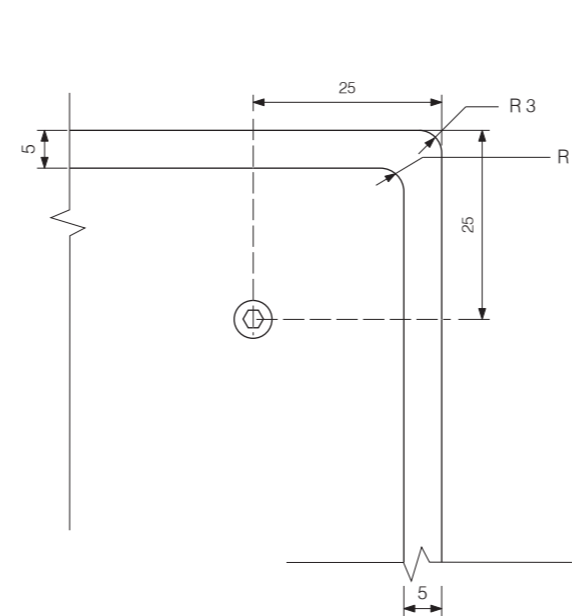


Typical Elevation

Scale 1:20



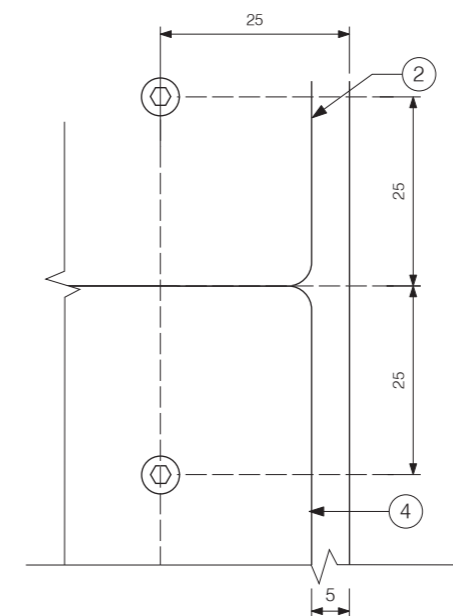
Section A-A
Scale 1:5



FRONT VIEW

Detail 1

Scale 1:1



FRONT VIEW

Detail 2

Scale 1:1

Sign types Natural Areas

ID-3 Minor External Area Identification Sign

DR-1 Minor Site Directional Sign

DR-2 Trail Marker

IF-1 Signage Shelter – 4 Bay

IF-2 Signage Shelter – 1 Panel

IF-3a Major Interpretation Sign

IF-3b Minor Interpretation Sign

IF-4 Dedication Sign

IF-5 Conservation Estate/Conservation Reserve /Bushland Reserve

IF-6 Horse Trail Terms of Use

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.

Attention
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REFERENCE DOCUMENTS
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- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
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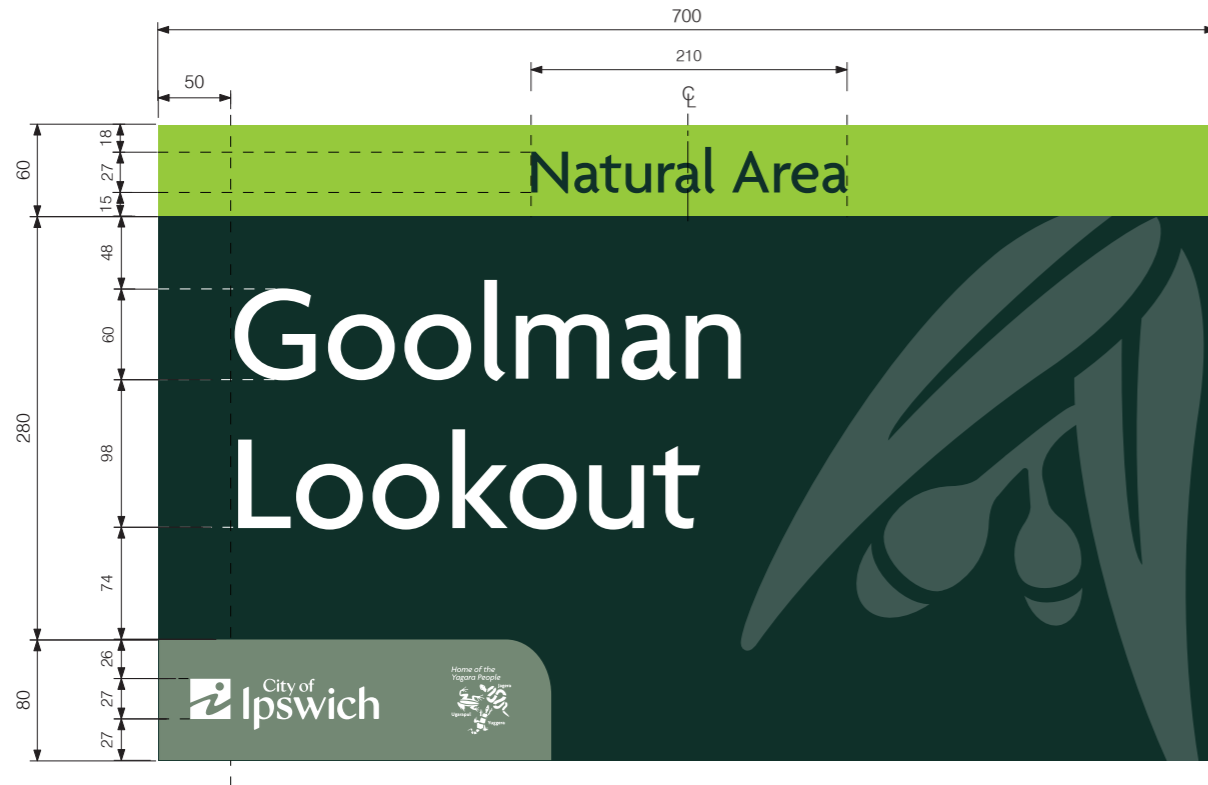
• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 2 of 2 for construction details

Graphics Detail
FONT
Agenda Medium

SIZE
As shown on drawing

COLOUR
Refer to graphic standards for details



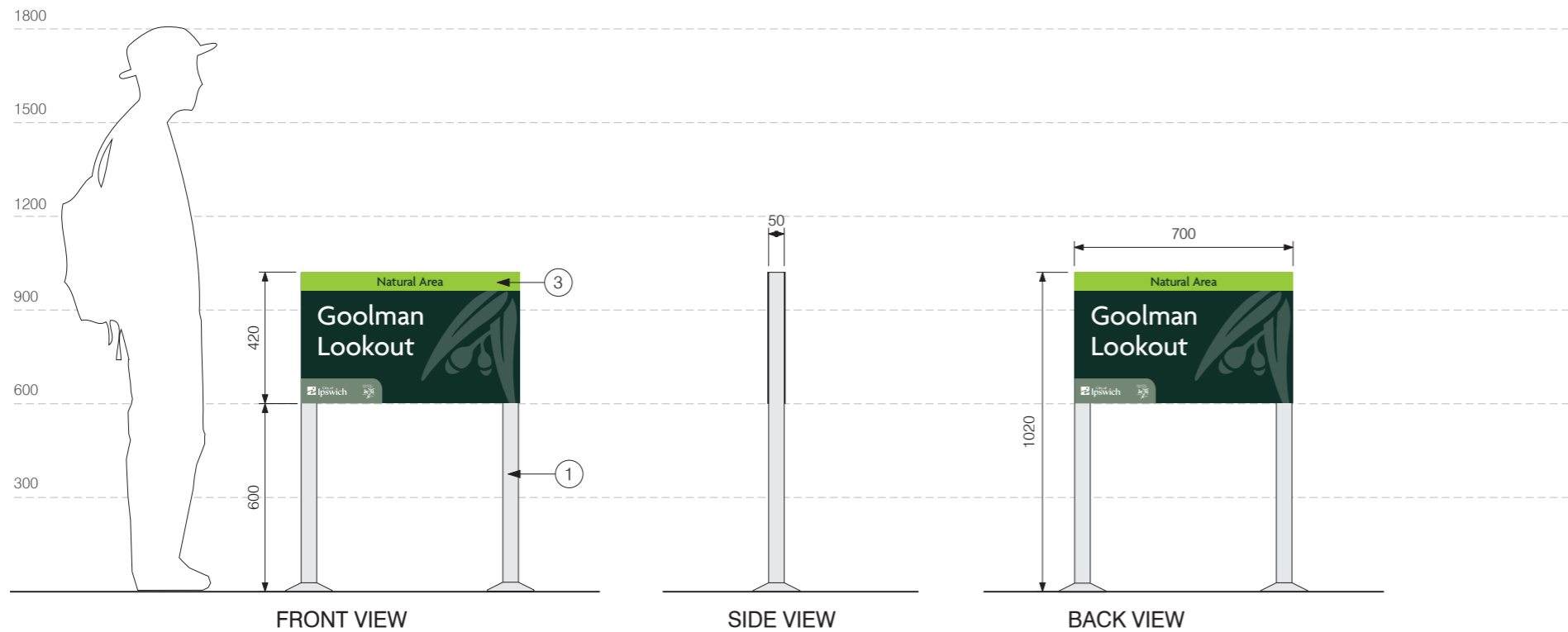
Typical Graphic Layout

Scale 1:5



Typical Graphic Layout

Scale 1:10



Typical Elevations

Scale 1:20



ISOMETRIC VIEW

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.

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GENERAL CONSTRUCTION NOTES
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• Refer to General Construction Specification Appendix A.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
1. Galvanised steel 50mm x 50mm x 3mm SHS sign frame.

2. 3mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre-drilled

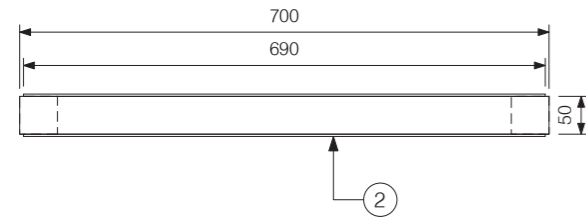
3. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing holes to prevent damage to print. Vinyl to wrap edges of panel to provide barrier between panels. Cut vinyl to suit corner detail on sign panel.

4. Sign panel fixed to column with 6mm stainless steel pop rivits.

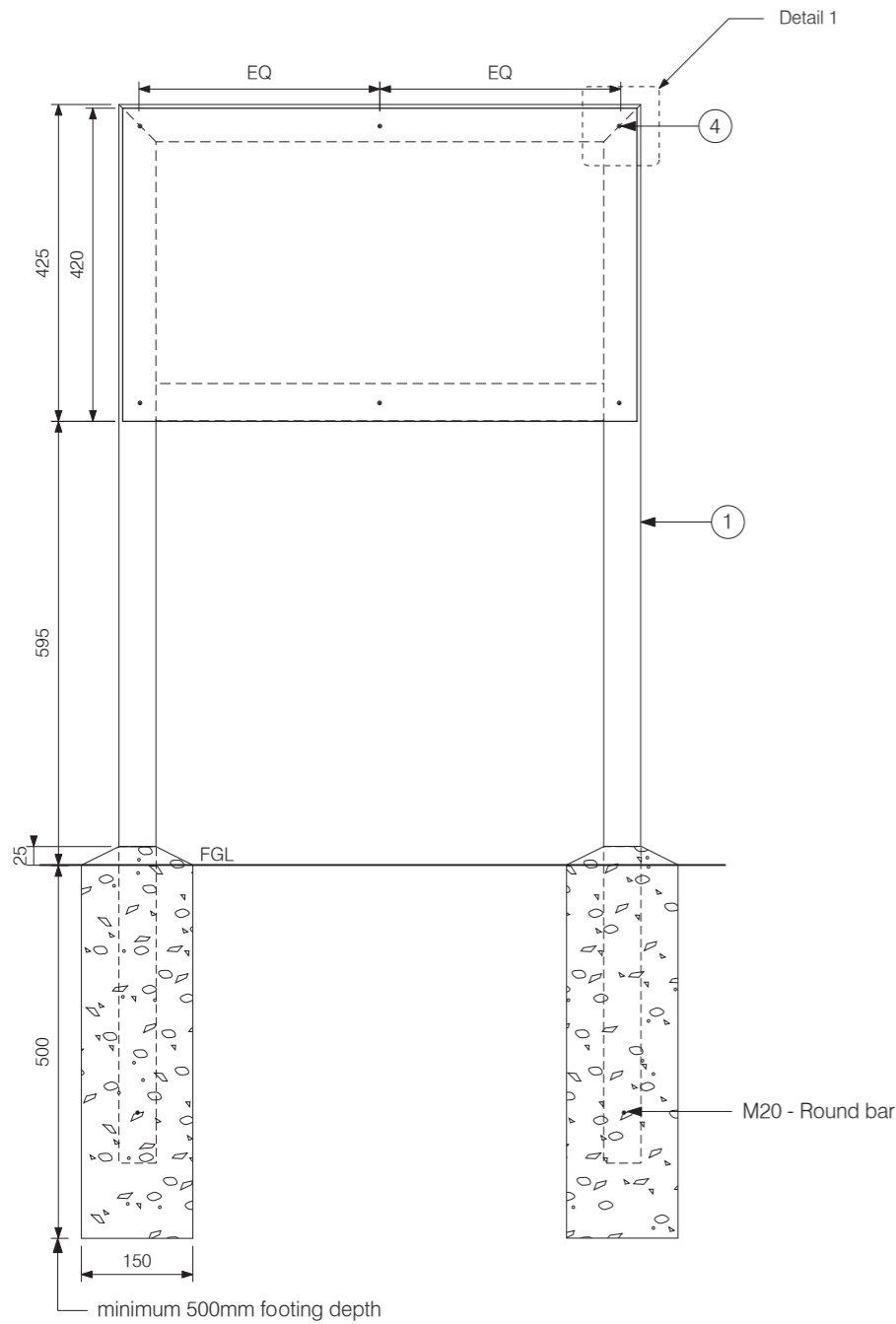
Footings
5. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

NB: All steelwork to be hot dipped galvanised.

Graphics Detail
Refer to page 1 of 2 for graphics detail.

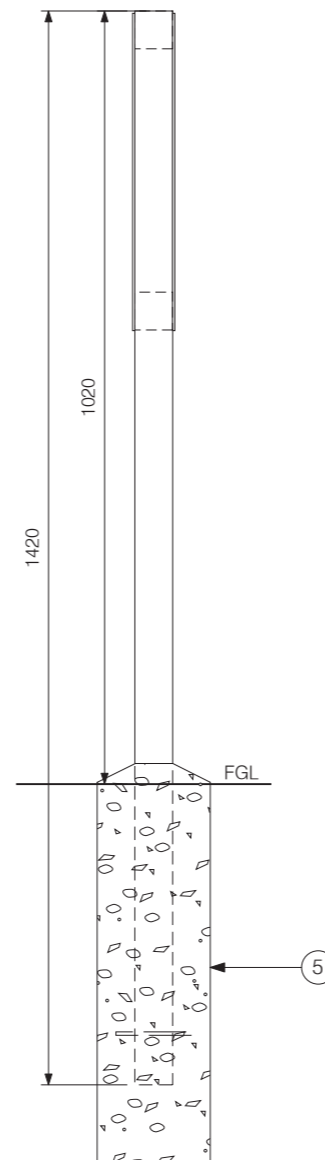


TOP VIEW

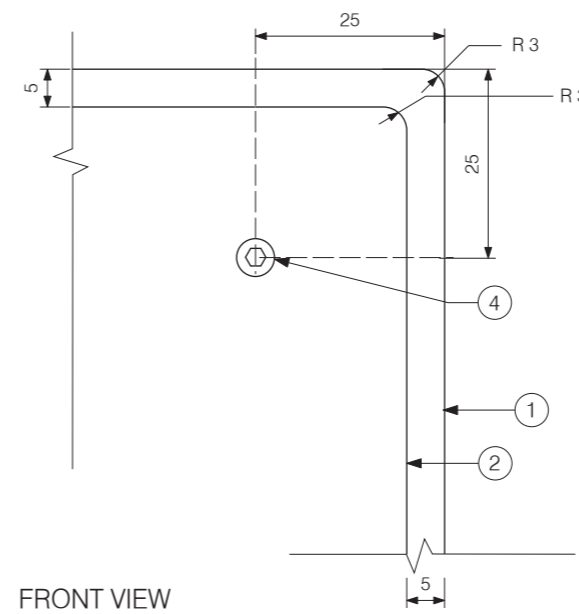


FRONT VIEW

Typical Elevations
Scale 1:10



SIDE VIEW



FRONT VIEW

Detail 1
Scale 1:1

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.

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REFERENCE DOCUMENTS
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GENERAL CONSTRUCTION NOTES
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• Refer to General Construction Specification Appendix A.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

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

Construction Details
1. Sign panel to be 3mm thick aluminium panel. To be primed and all visible edges 2 pac painted to match. All corners to be pencil round.

2. Graphics to be full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over.

3. Ø60mm nominal bore CHS galvanised posts and cap to match local Council standard street signs.

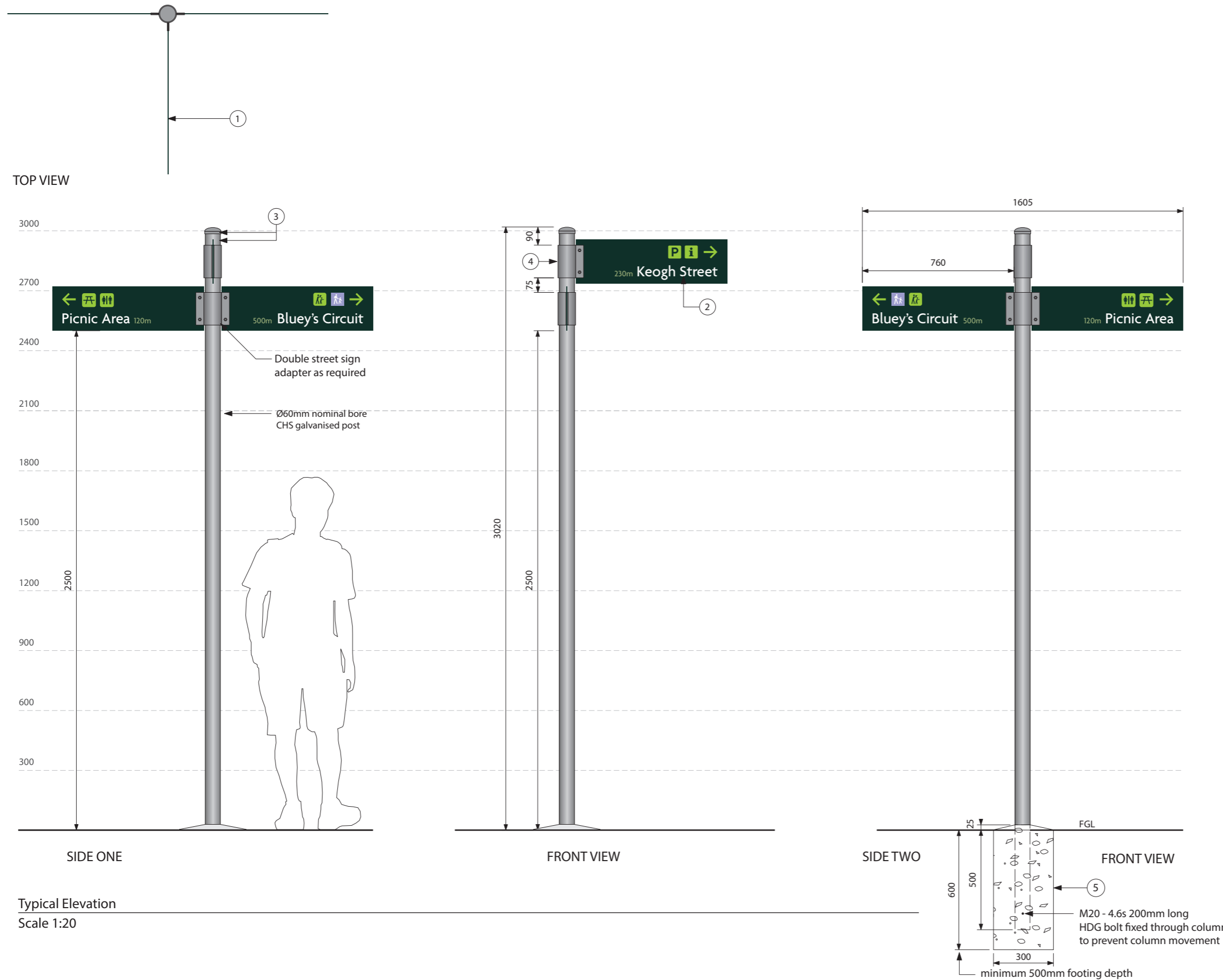
4. 2 part G-James Street Signage / TD3 bracket to fix sign panel to post. Double street sign adapter as required.

5. Newly installed posts shall be installed a minimum of 500mm in the ground. Minimum 300mm wide post hole.

Footings
5. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

NB: All steelwork to be hot dipped galvanised.

Graphics Detail
Refer to page 2 of 2 for Graphic Details



Typical Elevation
Scale 1:20

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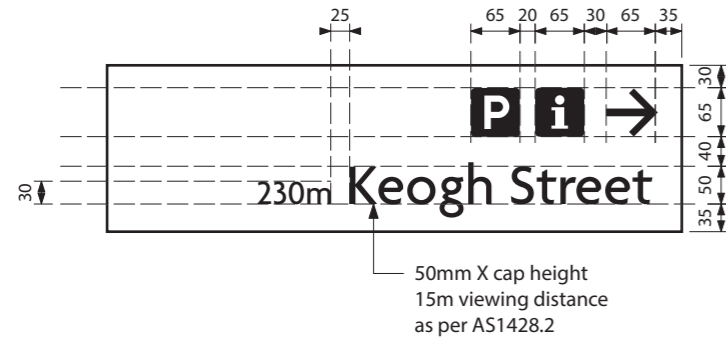
• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 1 of 2 for Construction Details

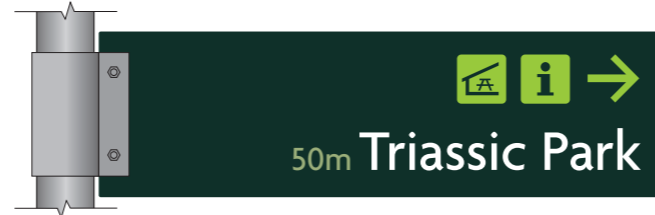
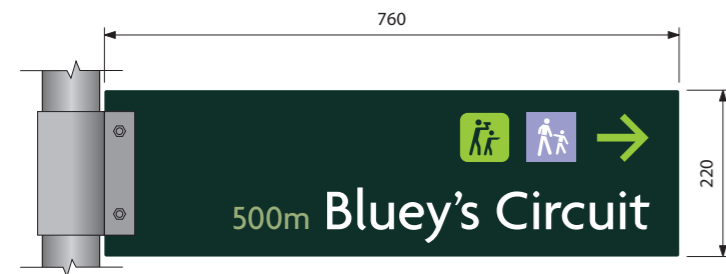
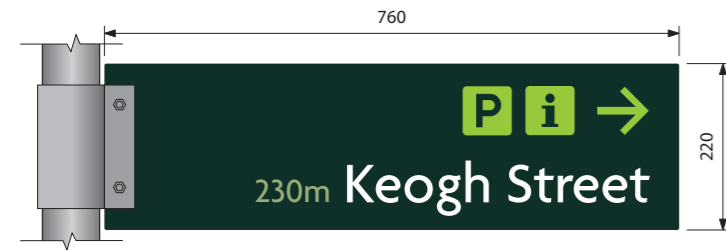
Graphics Detail
FONT
Agenda Medium

SIZE
As shown on drawing

COLOUR
Refer to graphic standards for details



Graphic Layout
Scale 1:10



Short Panel



Long Panel

For longer destinations use long panel as required. 860mm maximum panel length.

Indicative Graphics
Scale 1:10

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GENERAL CONSTRUCTION NOTES
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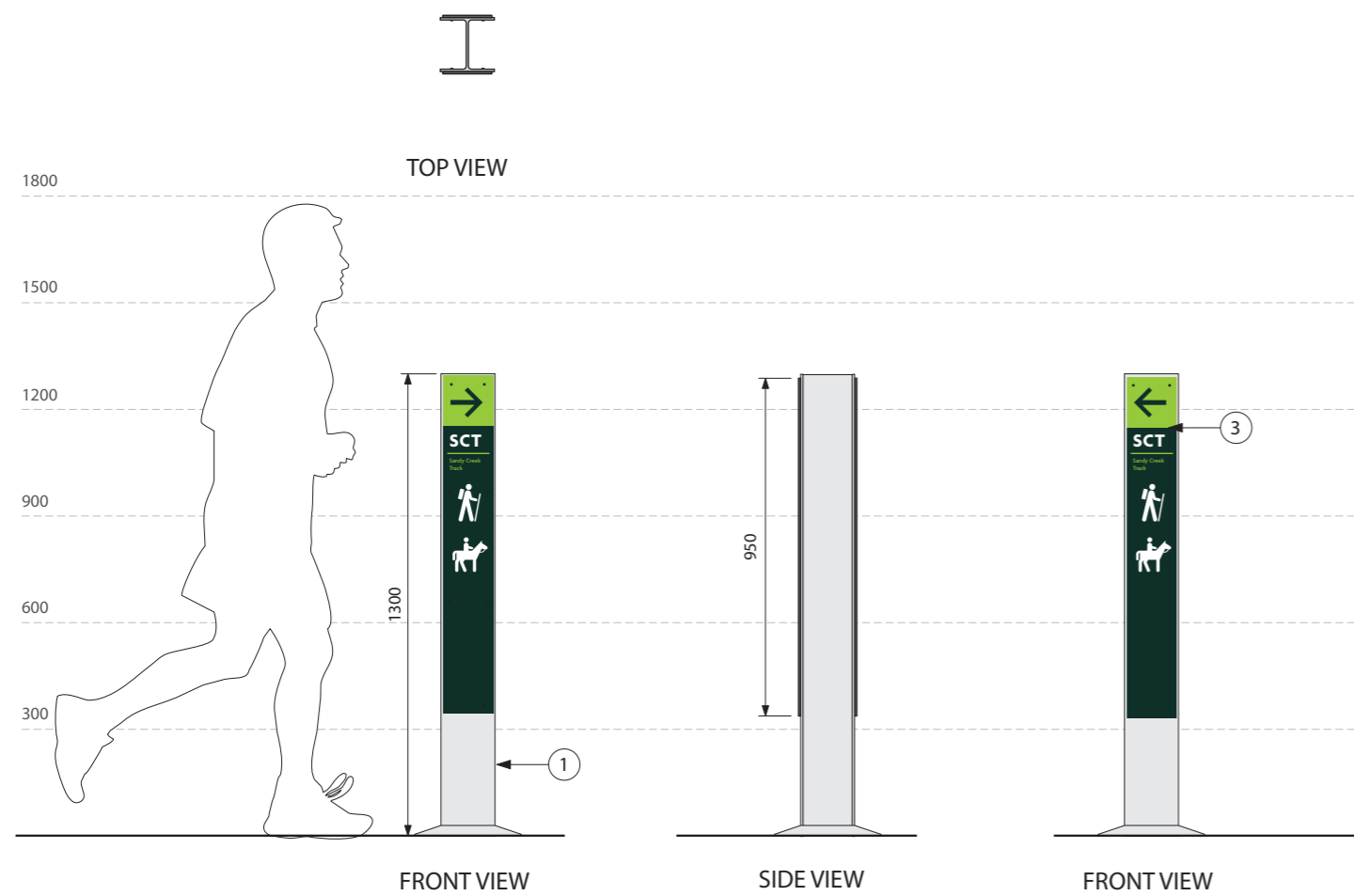
• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 2 of 2 for construction details

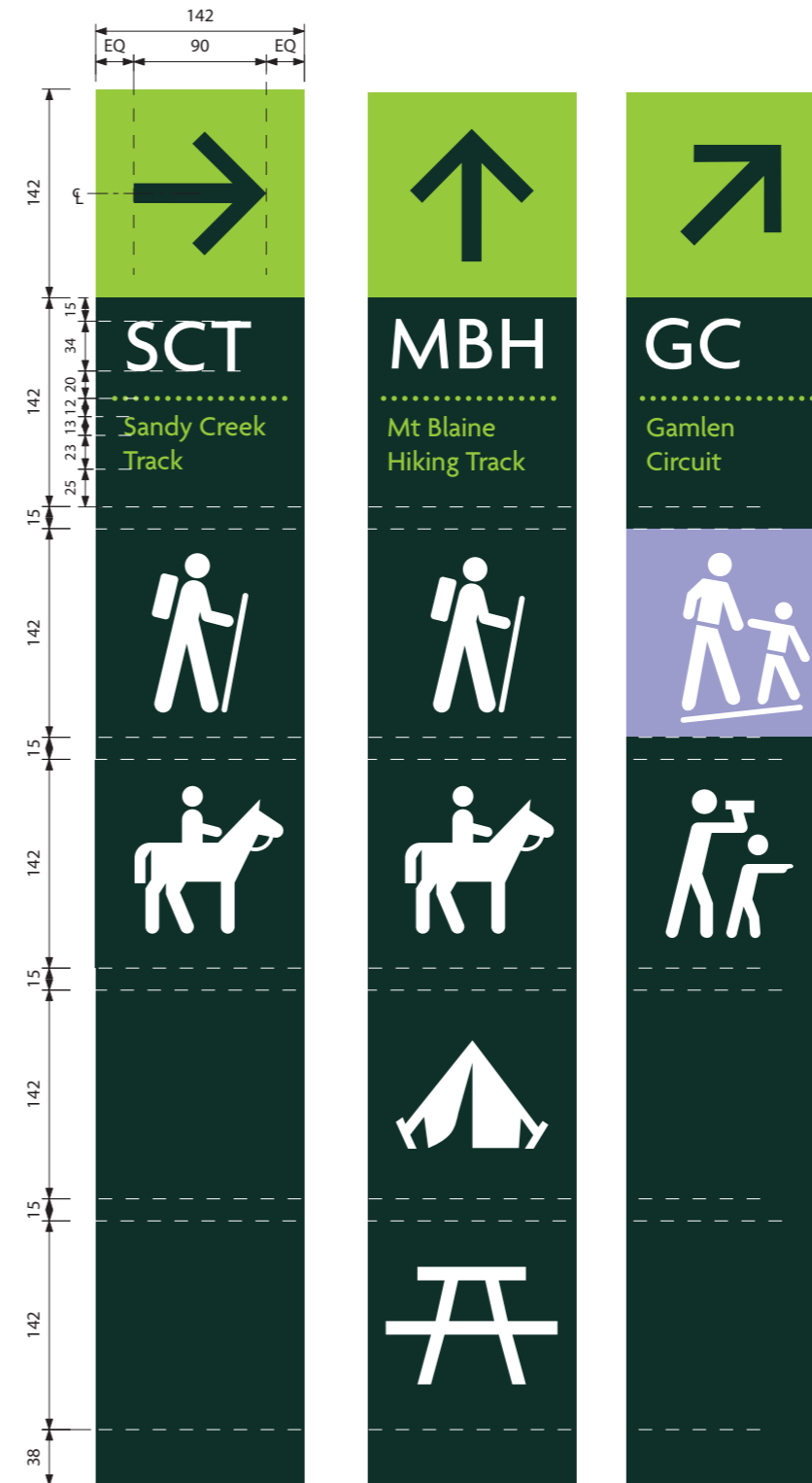
Graphics Detail
FONT
Agenda Medium

SIZE
As shown on drawing

COLOUR
Refer to graphic standards for details



Typical Elevations
Scale 1:20



Typical Graphic Layouts
Scale 1:5

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GENERAL CONSTRUCTION NOTES

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- Refer to General Construction Specification Appendix A.

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Construction Details
1. Steel universal column (150UC 23.4) galvanised.

2. 3mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre-drilled

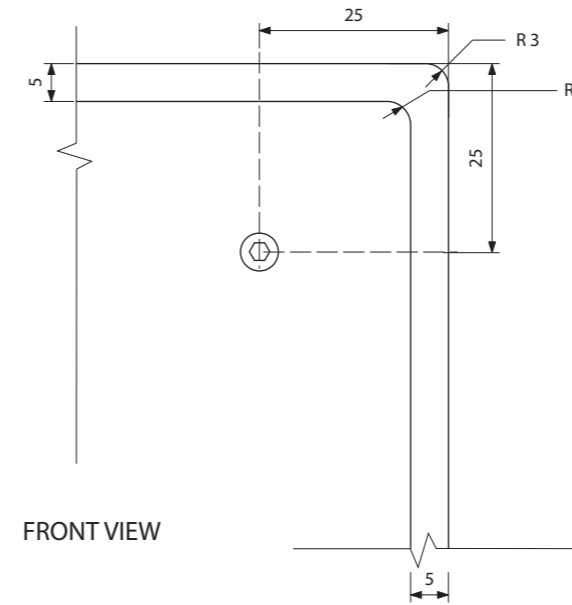
3. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing holes to prevent damage to print.

4. Sign panel fixed to column with M6 zinc alloy plated, security drive post square/phil button head combination machine screw.

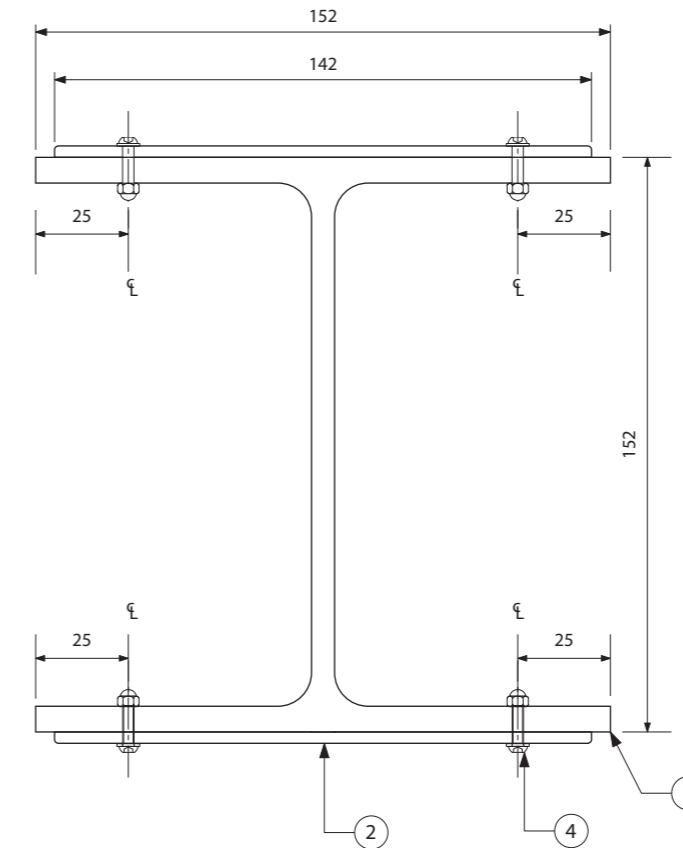
Footings
5. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

NB: All steelwork to be hot dipped galvanised.

Graphics Detail
Refer to page 1 of 2 for graphics detail.

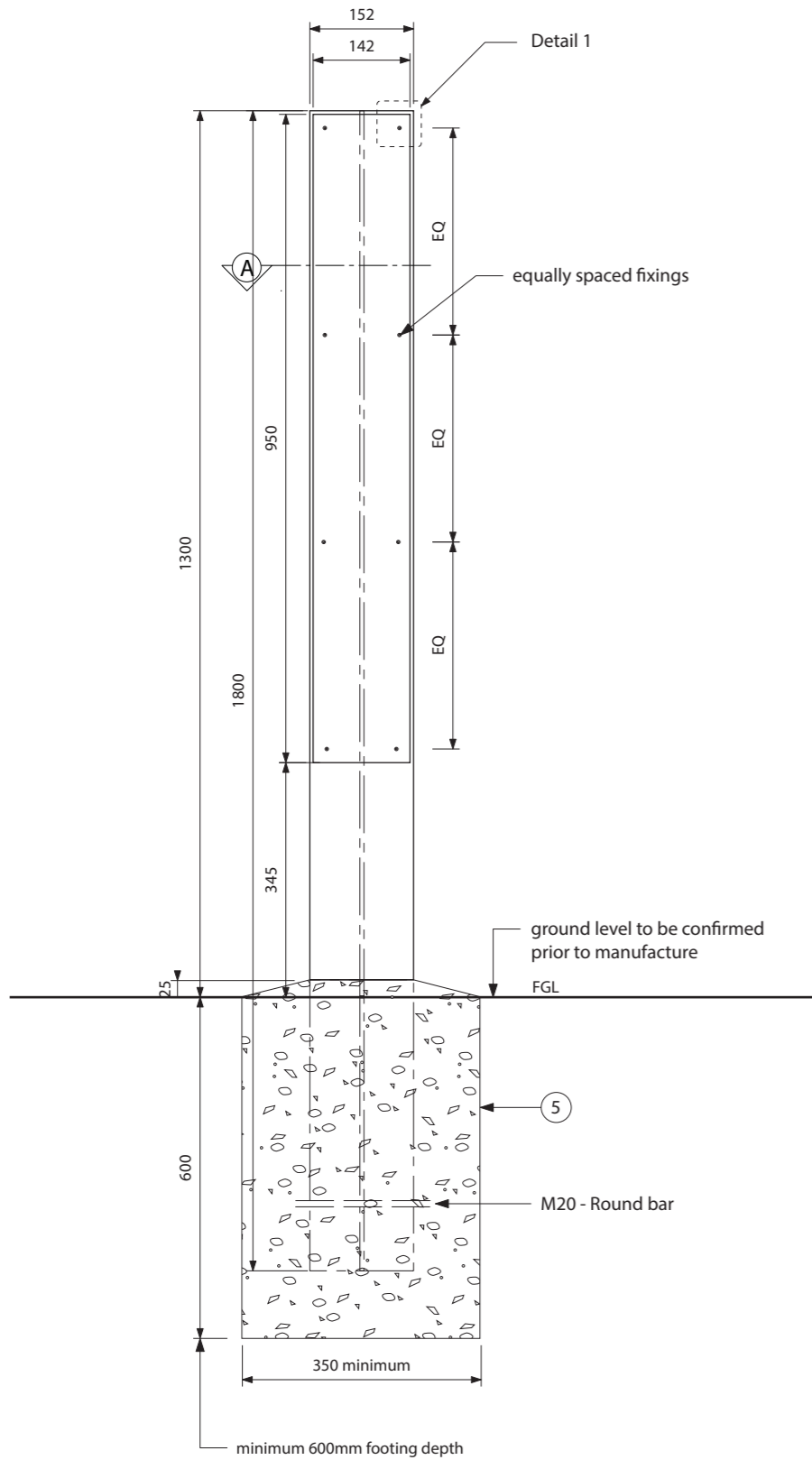


Detail 1
Scale 1:1



TOP VIEW
Double sided sign shown.

Section A
Scale 1:2



Construction Detail
Scale 1:10

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GENERAL CONSTRUCTION NOTES

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- All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details

1. 1.6mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre-drilled.

2. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing points to prevent damage to print.

3. Sign panel fixed to column shelter stainless steel, security style, button head machine screws.

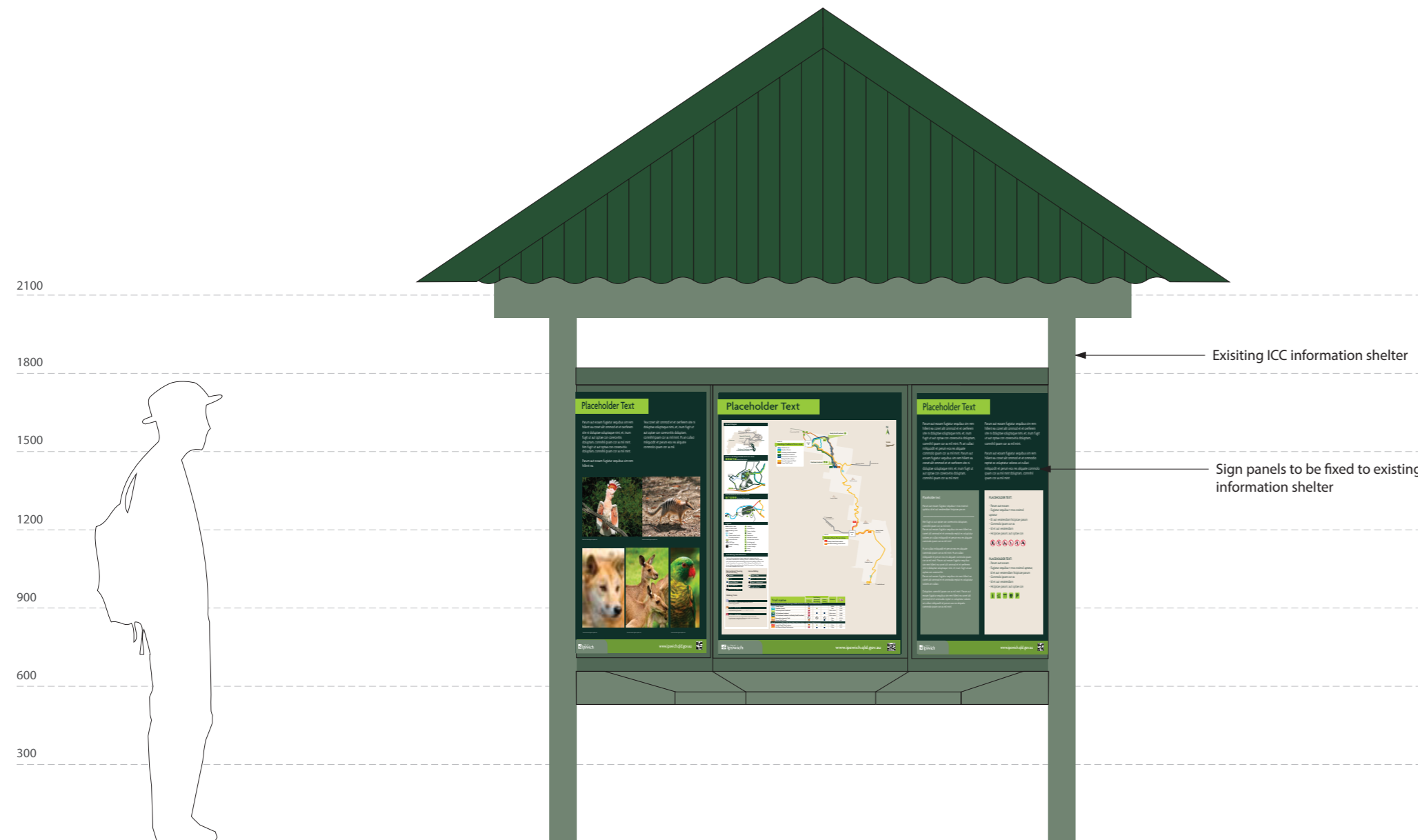
All construction details to be coordinated with signage shelter details.

Graphics Detail

FONT
Agenda - Medium
Agenda - Light

SIZE
As shown

COLOUR
Refer to graphic standards for details



Graphic Layout
Scale 1:20

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Construction Details

1. 1.6mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre-drilled.

2. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing points to prevent damage to print.

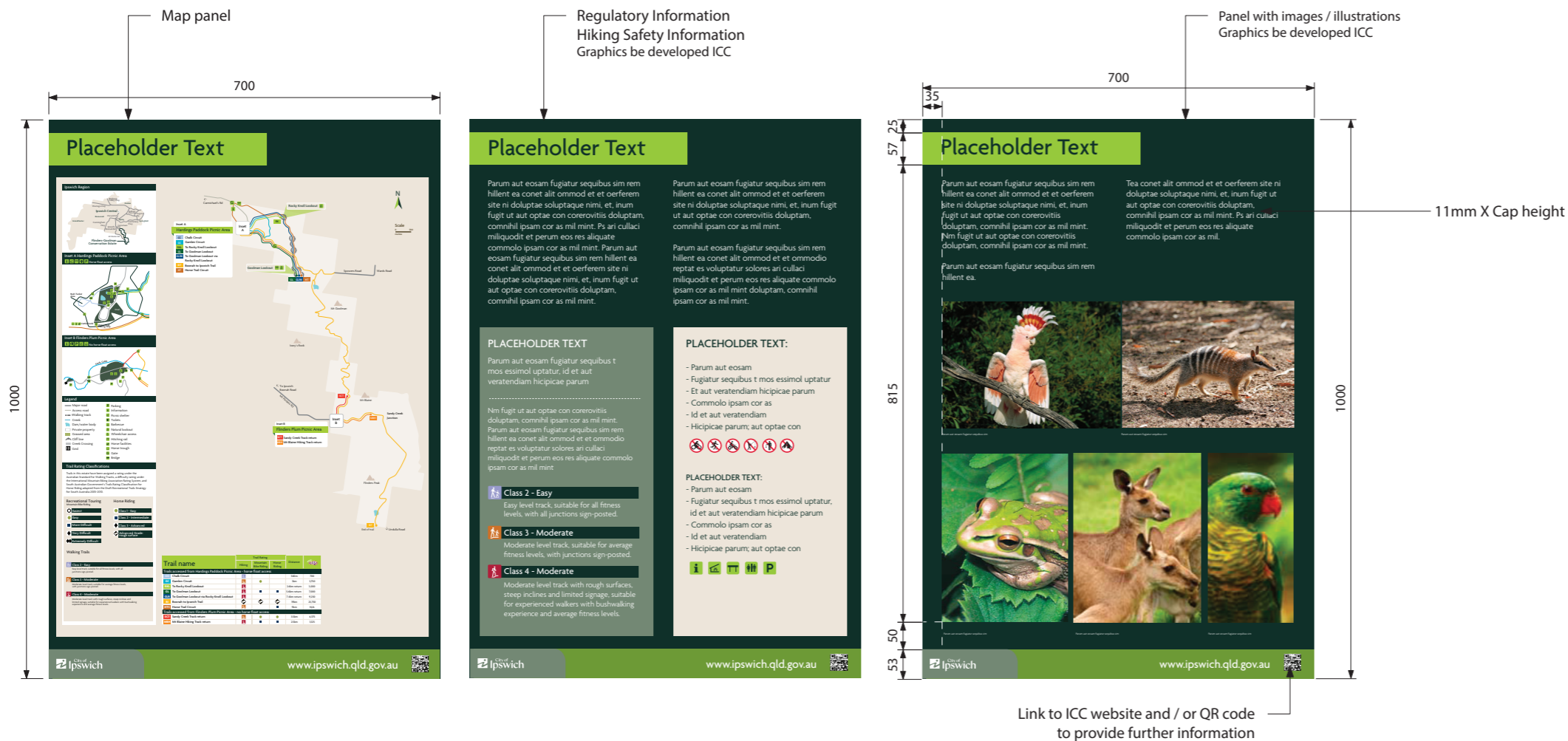
3. Sign panel fixed to column shelter stainless steel, security style, button head machine screws.

All construction details to be coordinated with signage shelter details

Graphics Detail
FONT
Agenda - Medium
Agenda - Light

SIZE
As shown

COLOUR
Refer to graphic standards for details



Graphic Layout

Scale 1:10

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Construction Details
1. 1.6mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre-drilled.

2. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing points to prevent damage to print.

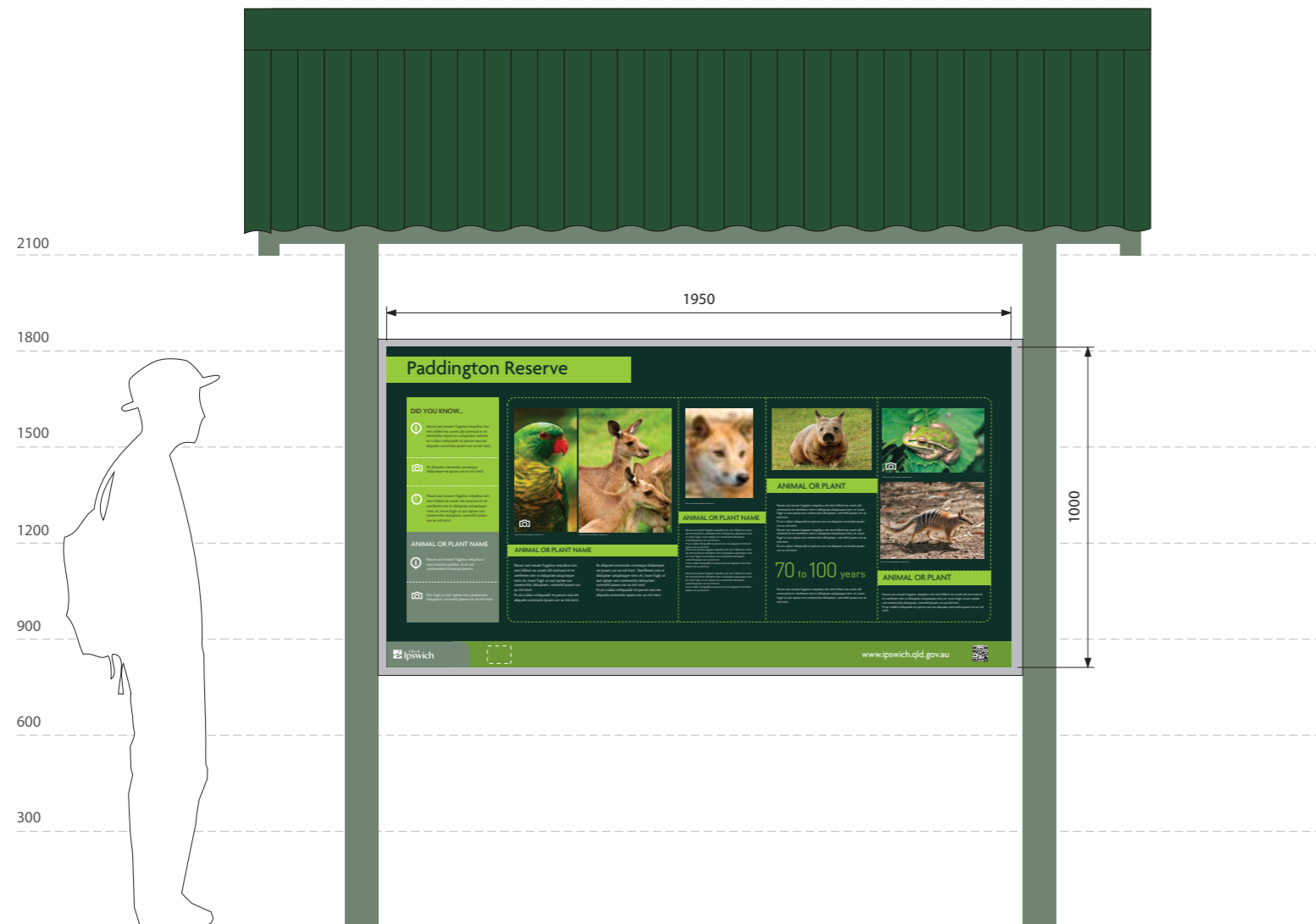
3. Sign panel fixed to column shelter stainless steel, security style, button head machine screws.

All construction details to be coordinated with signage shelter details.

Graphics Detail
FONT
Agenda - Medium
Agenda - Light

SIZE
As shown

COLOUR
Refer to graphic standards for details



Graphic Layout
Scale 1:20

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CONSTRUCTION DETAILS
1. 1.6 mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre-drilled.

2. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing points to prevent damage to print.

3. Sign panel fixed to column shelter stainless steel, security style, button head machine screws.

All construction details to be coordinated with signage shelter details.

Graphics Detail
FONT
Agenda - Medium
Agenda - Light

SIZE
As shown

COLOUR
Refer to graphic standards for details

quick facts and important information

What is Urban Bushland?

DID YOU KNOW...

- Parum aut eosam fugiatu sequibus sim rem hilit ea conet alit ommod et et ommodo reptat es voluptatur solores an cullaci mliquoedit et perum eos res aliquate commolo ispan cor as mil mint.
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NATIONAL DISTRIBUTION

- Waterways
- Roads
- Conservation Estates
- Distribution
- Non-Distribution

www.ipswich.qld.gov.au

quick facts and important information

Paddington Reserve

DID YOU KNOW...

- Parum aut eosam fugiatu sequibus sim rem hilit ea conet alit ommod et et ommodo reptat es voluptatur solores an cullaci mliquoedit et perum eos res aliquate commolo ispan cor as mil mint.
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ANIMAL OR PLANT NAME

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ANIMAL OR PLANT

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ANIMAL OR PLANT NAME

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70 to 100 years

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ANIMAL OR PLANT

Parum aut eosam fugiatu sequibus sim rem hilit ea conet alit ommod et et oerferem site ni doluptae soluptaque nemi, et, inum fugi ut aut optae con coreovitis doluptam, conehil ispan cor as mil mint.

Ps ari cullaci mliquoedit et perum eos res aliquate commolo ispan cor as mil mint.

www.ipswich.qld.gov.au

Highlight key facts / information

Link to ICC website and / or QR code to provide further information. ICC to develop content

Graphic Layout
Scale 1:10

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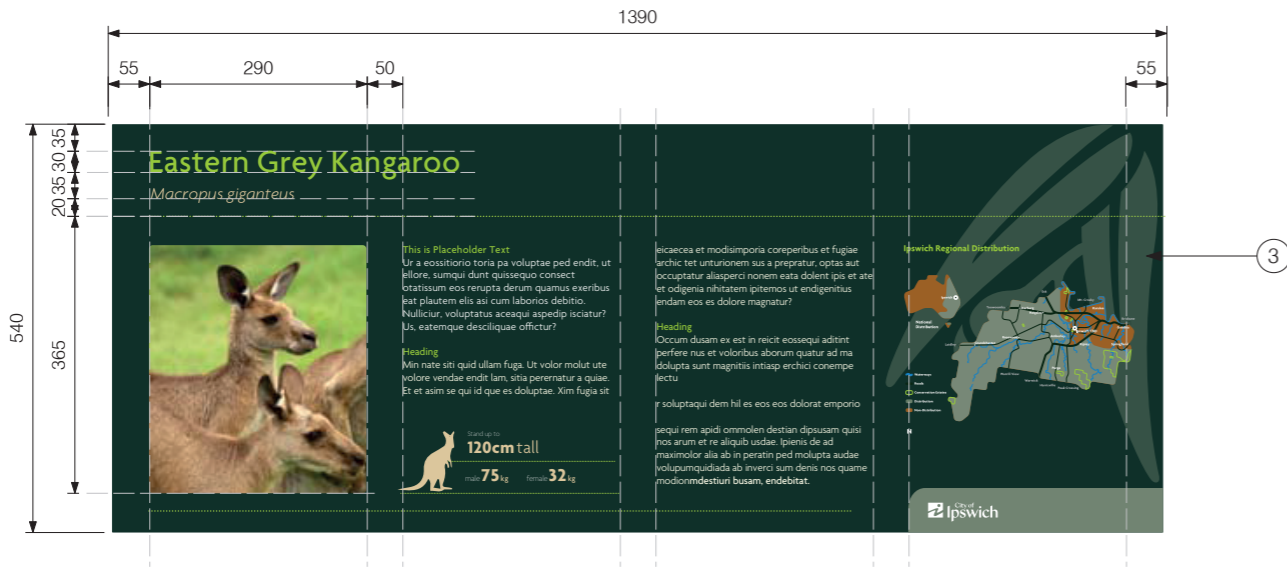
• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 2 of 2 for construction details.

Graphics Detail
FONT
Agenda - Medium
Agenda - Light

SIZE
Panel Heading = 28mm X cap height
Body Copy = 9mm X cap height

COLOUR
Refer to graphic standards for details.



Graphic Layout
Scale 1:10



Typical Elevations
Scale 1:20

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• Refer to General Construction Specification Appendix A.

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Construction Details
1. Fabricated sign frame. Galvanised steel 75mm SHS posts with 25mm x 75mm RHS cross members. 3mm welded cap to SHS post as required.

2. 3mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre-drilled.

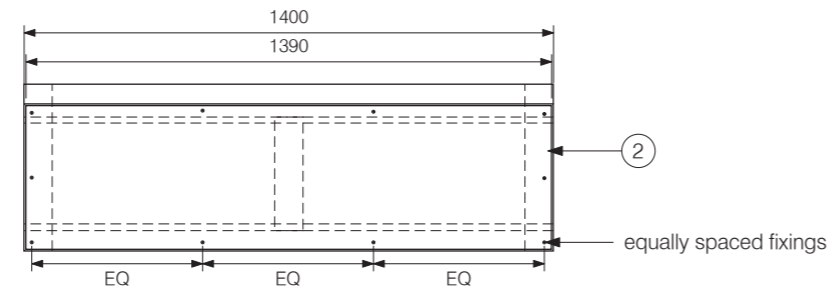
3. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing points to prevent damage to print. Vinyl to wrap edges of panel to provide barrier between panels. Cut vinyl to suit corner detail on sign panel.

4. Sign panel fixed to column with stainless steel pop rivets.

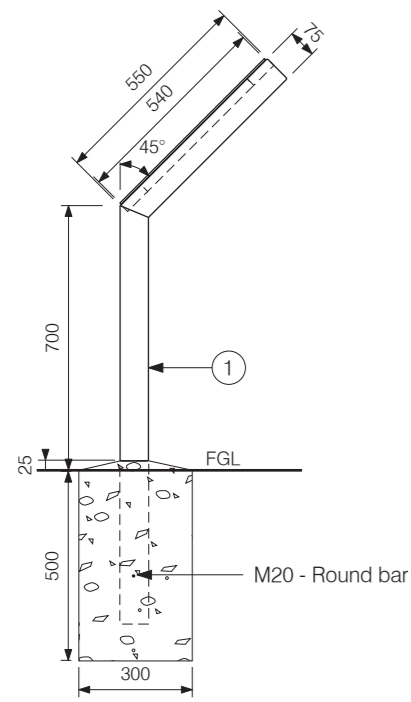
Footings
5. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

NB: All steelwork to be hot dipped galvanised.

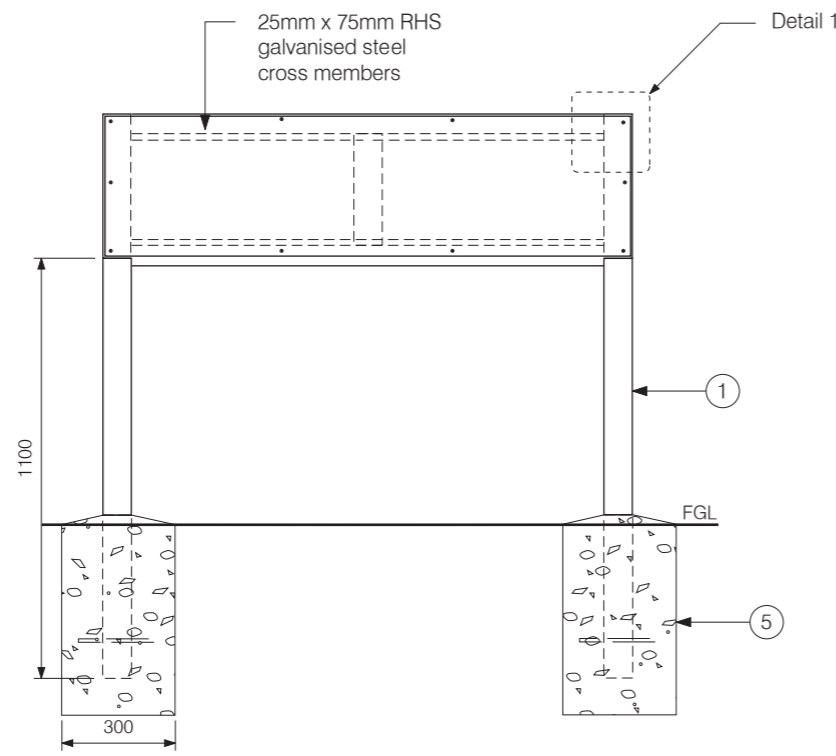
Graphics Detail
Refer to page 1 of 2 for graphics detail.



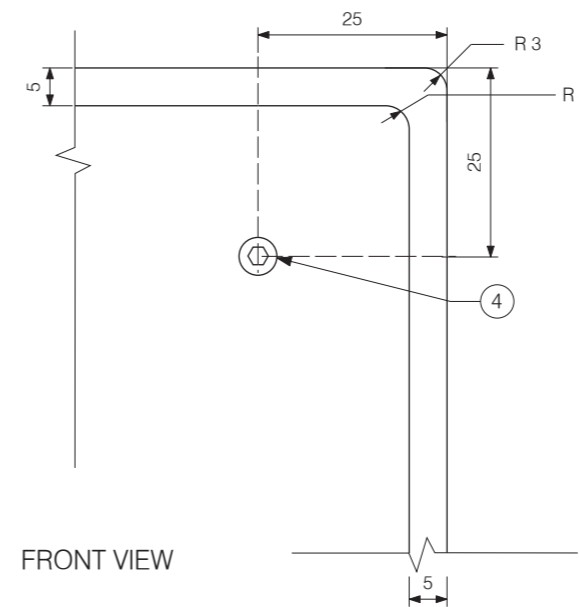
TOP VIEW



SIDE VIEW



FRONT VIEW



FRONT VIEW

Detail 1

Scale 1:1

Graphic Layout

Scale 1:20

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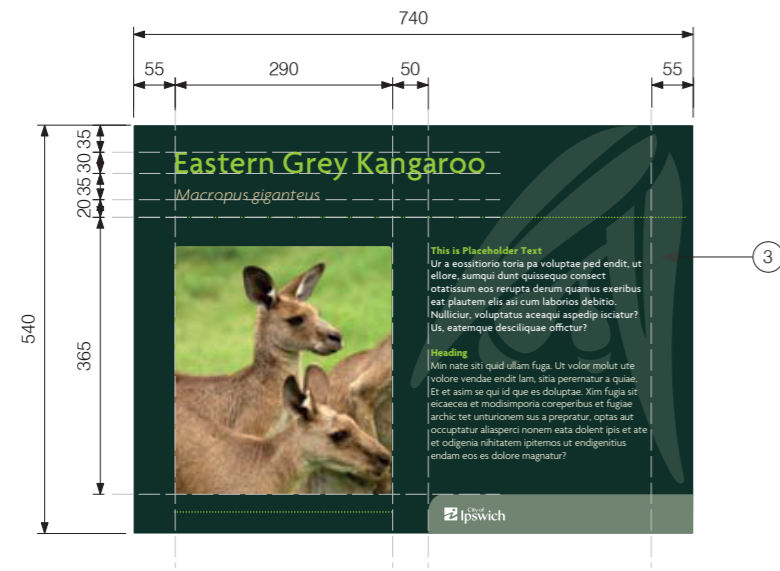
• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 2 of 2 for construction details.

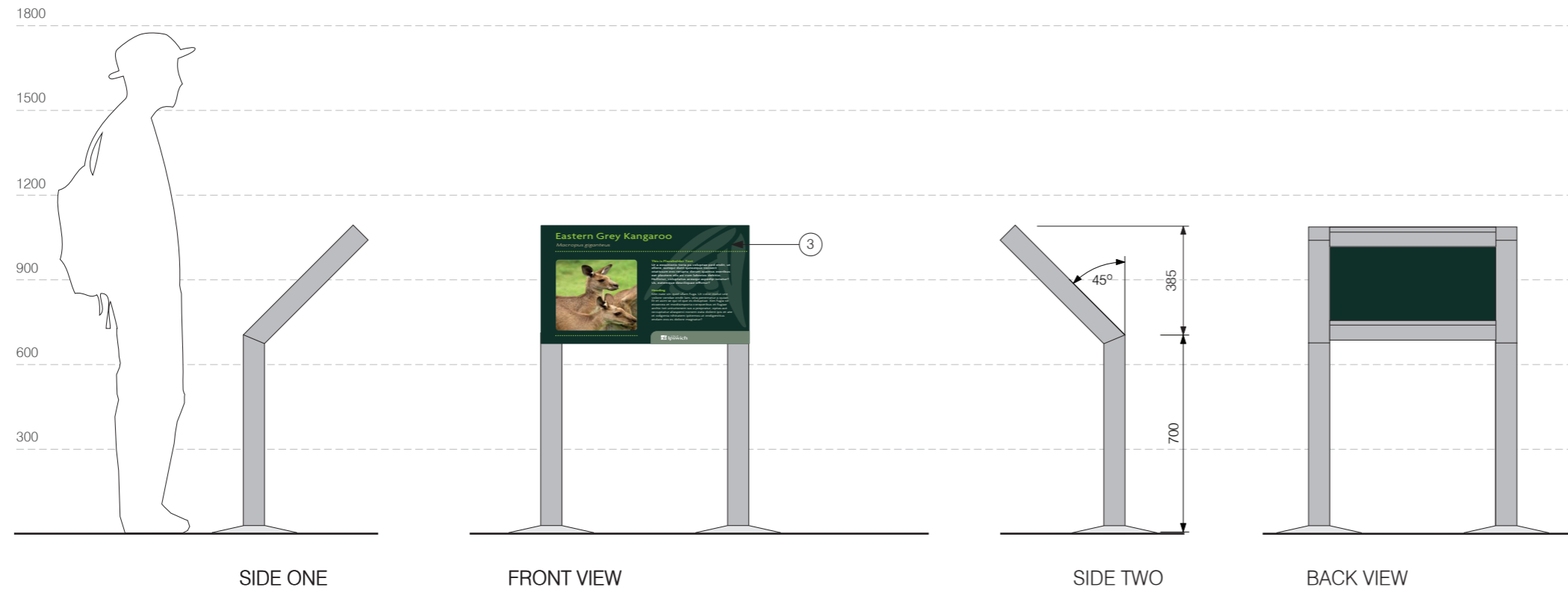
Graphics Detail
FONT
Agenda - Medium
Agenda - Light

SIZE
Panel Heading = 28mm X cap height
Body Copy = 9mm X cap height

COLOUR
Refer to graphic standards for details.



Graphic Layout
Scale 1:10



Typical Elevations
Scale 1:20

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.

Attention
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REFERENCE DOCUMENTS
This drawing must be read in conjunction with the following documents:
- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.

• Refer to General Construction Specification Appendix A.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
1. Fabricated sign frame. Galvanised steel 75mm SHS posts with 25mm x 75mm x 3.0mm RHS cross members. 3mm welded cap to SHS post as required.

2. 3mm thick aluminium sign panels. To be primed and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre-drilled.

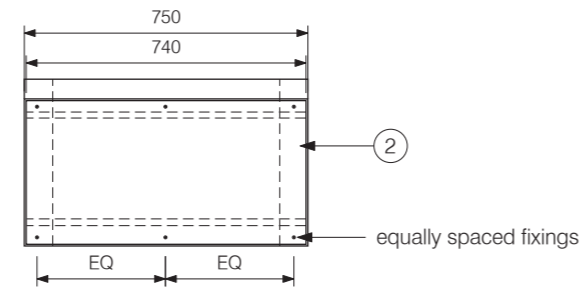
3. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing points to prevent damage to print. Vinyl to wrap edges of panel to provide barrier between panels. Cut vinyl to suit corner detail on sign panel.

4. Sign panel fixed to column with stainless steel pop rivits.

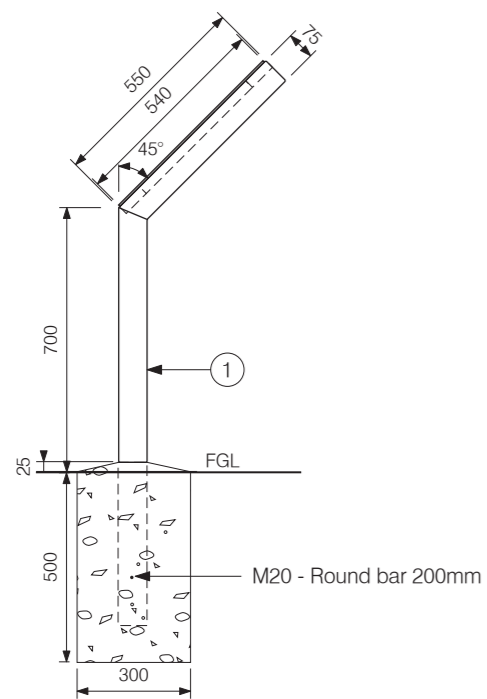
Footings
5. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

NB: All steelwork to be hot dipped galvanised.

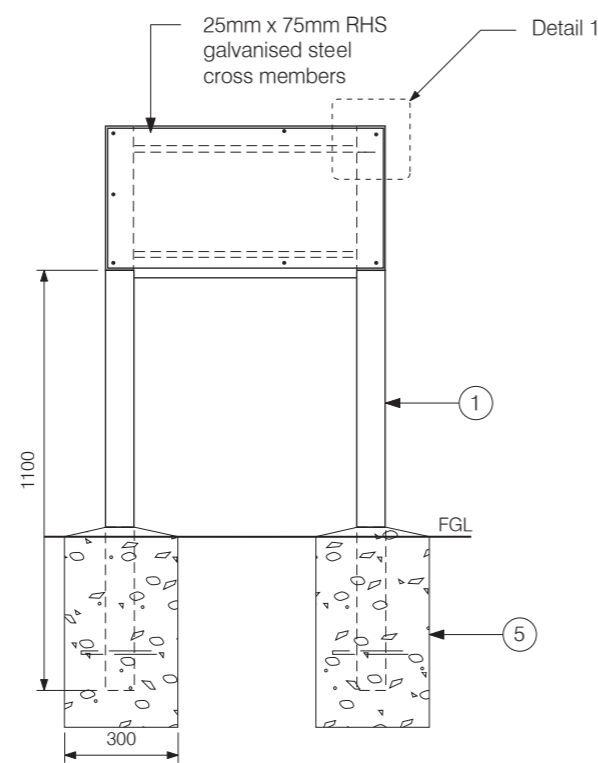
Graphics Detail
Refer to page 1 of 2 for graphics detail.



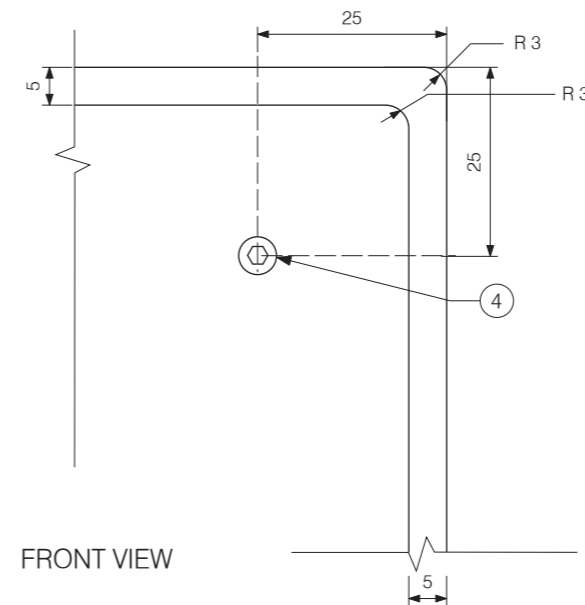
TOP VIEW



SIDE VIEW



FRONT VIEW



FRONT VIEW

Detail 1

Scale 1:1

Construction Details

Scale 1:20

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.

Attention
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REFERENCE DOCUMENTS
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- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
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• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 2 of 2 for construction details.

Graphics Detail
FONT
Agenda - Medium
Agenda - Light

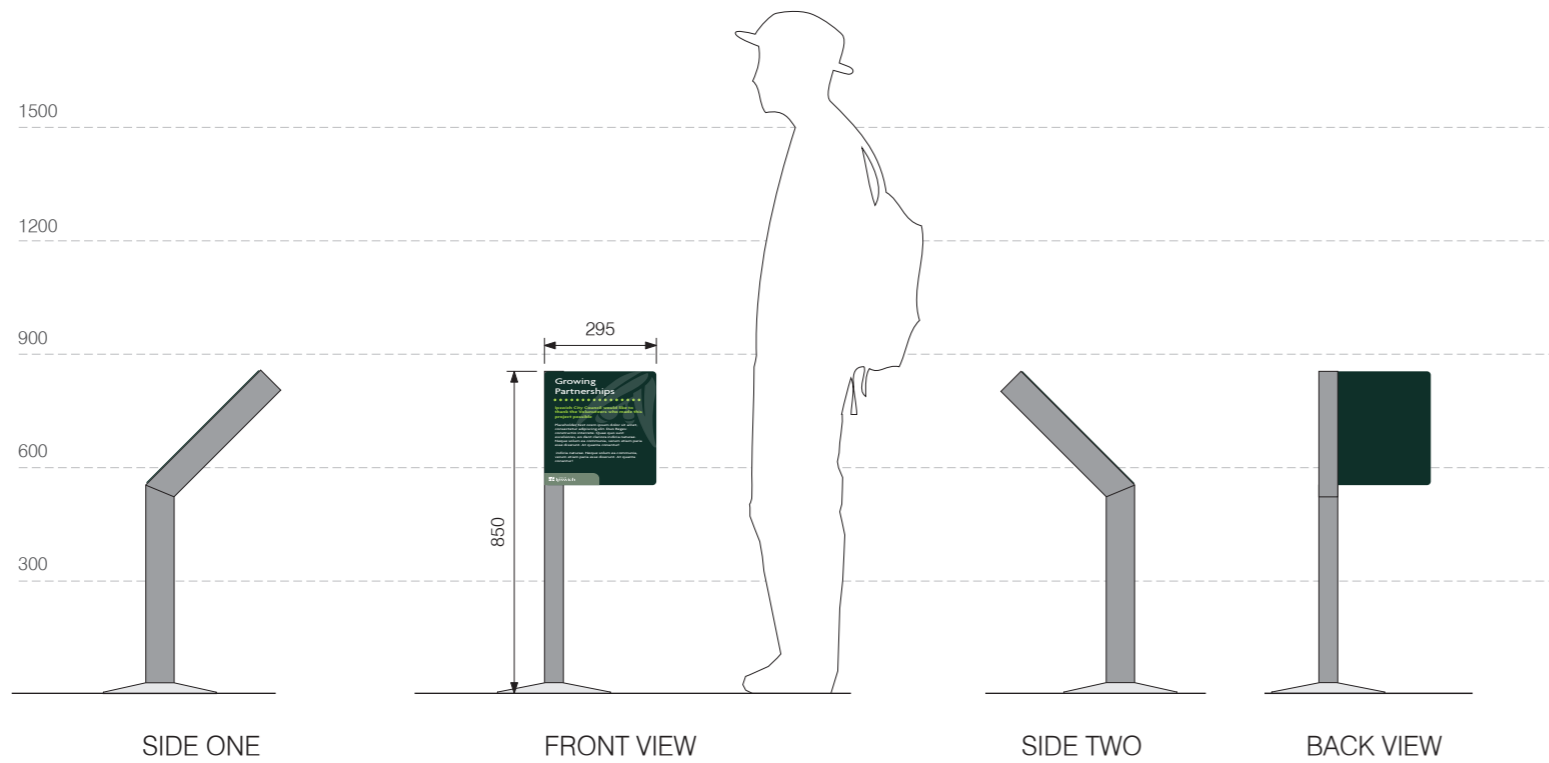
SIZE
As shown

COLOUR
Refer to graphic standards for details.



Graphic Layout

Scale 1:5



Graphic Layout

Scale 1:20

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.

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REFERENCE DOCUMENTS
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- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.

• Refer to General Construction Specification Appendix A

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
1. Fabricated 50mm x 75mm x 3.0mm RHS galvanised steel sign post. 3mm welded cap to RHS post as required.

2. 5mm thick aluminium sign panels. To be powdercoated and all visible edges painted to match DULUX Cruel Sea. 3mm radius on all corners. Fixing points to be pre-drilled.

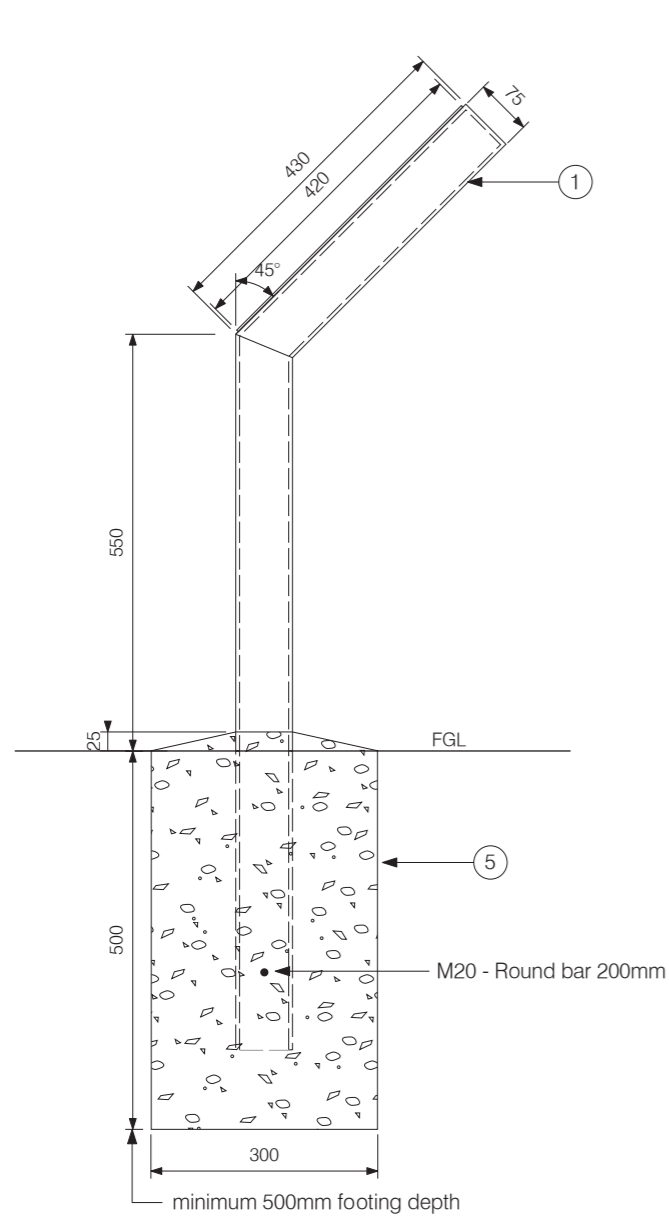
3. Full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over. Cut vinyl to match fixing points to prevent damage to print. Vinyl to wrap edges of panel to provide barrier between panels. Cut vinyl to suit corner detail on sign panel.

4. Sign panel fixed to column with stainless steel pop rivits.

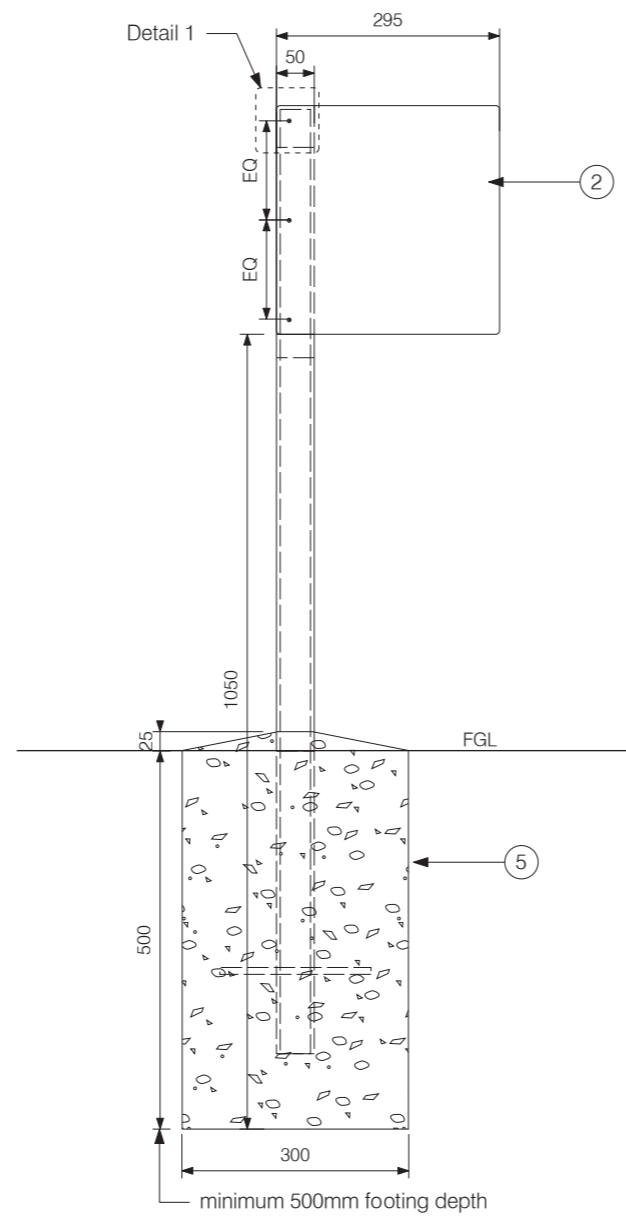
Footings
5. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

NB: All steelwork to be hot dipped galvanised.

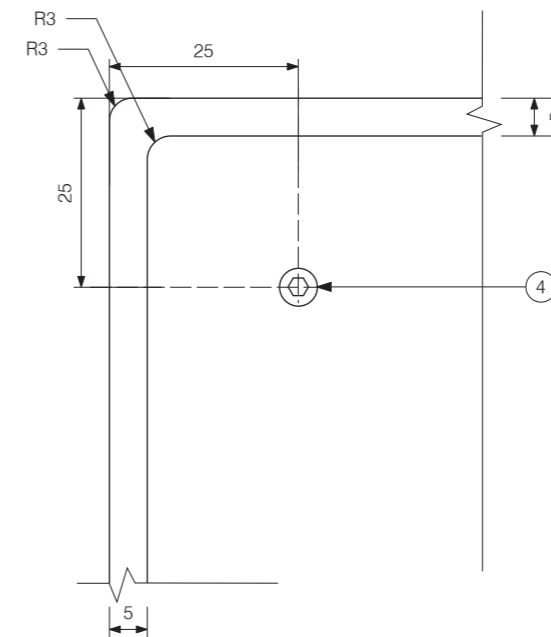
Graphics Detail
Refer to page 1 of 2 for graphics detail.



SIDE VIEW



FRONT VIEW



FRONT VIEW

Detail 1
Scale 1:1

Construction Details

Scale 1:10

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.

Attention
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REFERENCE DOCUMENTS
This drawing must be read in conjunction with the following documents:
- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

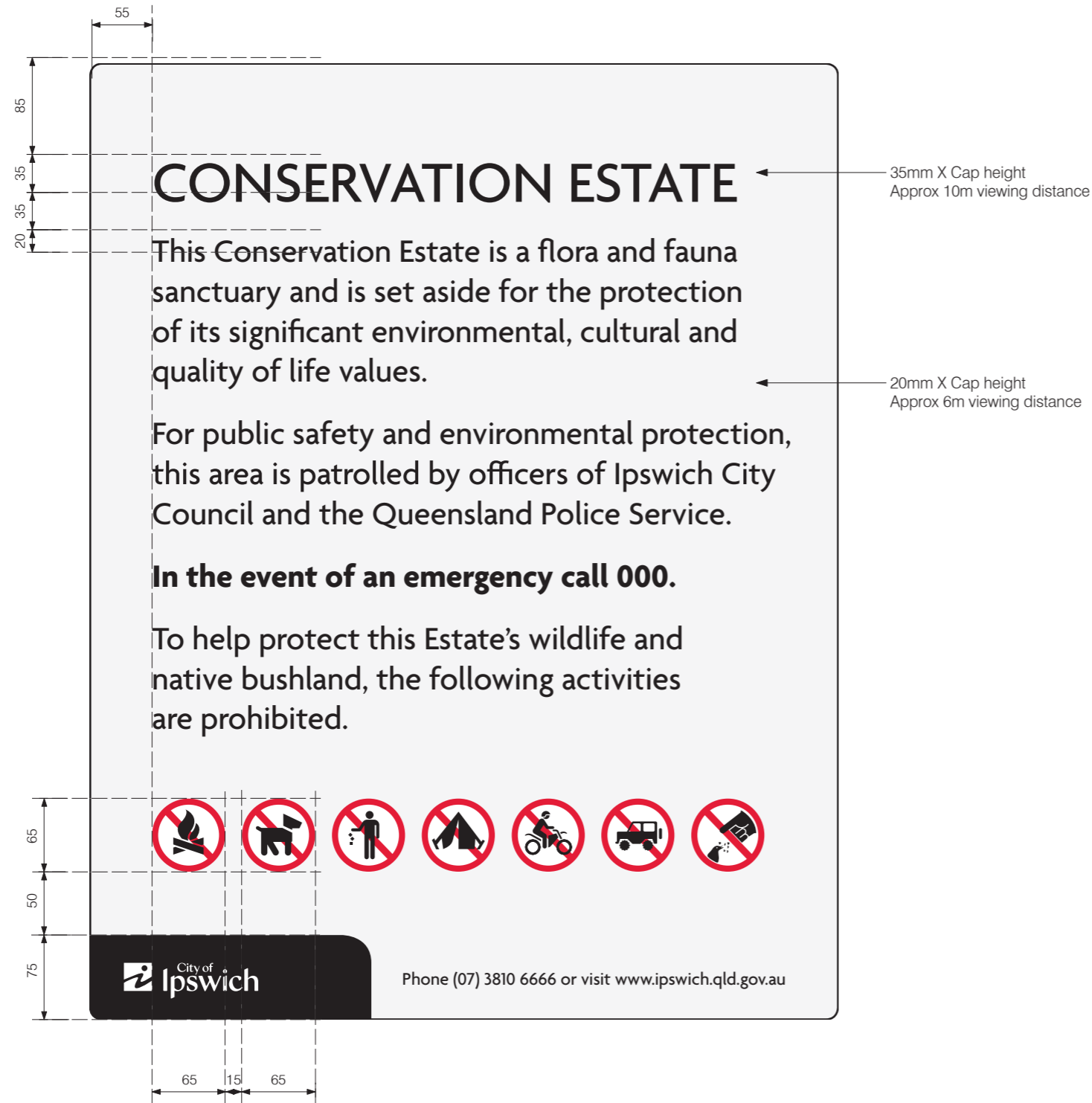
Construction Details
Refer to page 2 of 2 for Construction Details

Graphics Detail
FONT
Agenda Medium

SIZE
As shown on drawing

COLOUR
Refer to graphic standards for details

IF-5 relates to the following 3 signs:
NCW-IF-5
NDI-IF-5
NLO-IF-5



NCW-IF-5

Graphic Layout
Scale 1:5



NDI-IF-5



NLO-IF-5

Graphic Layout
Scale 1:10

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REFERENCE DOCUMENTS
This drawing must be read in conjunction with the following documents:
- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.
• Refer to General Construction Specification Appendix A
• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.
• Signmaker to confirm all details for approval on shop drawings prior to manufacture.

Construction Details
1. Sign panel to be 1.6mm thick aluminium panel. All corners to be pencil round.

2. Graphics to be full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over.

3. Ø60mm nominal bore CHS galvanised posts and cap to match local Council standard street signs.

4. Sign bracket to match local Council standard street signs fix sign panel to post.

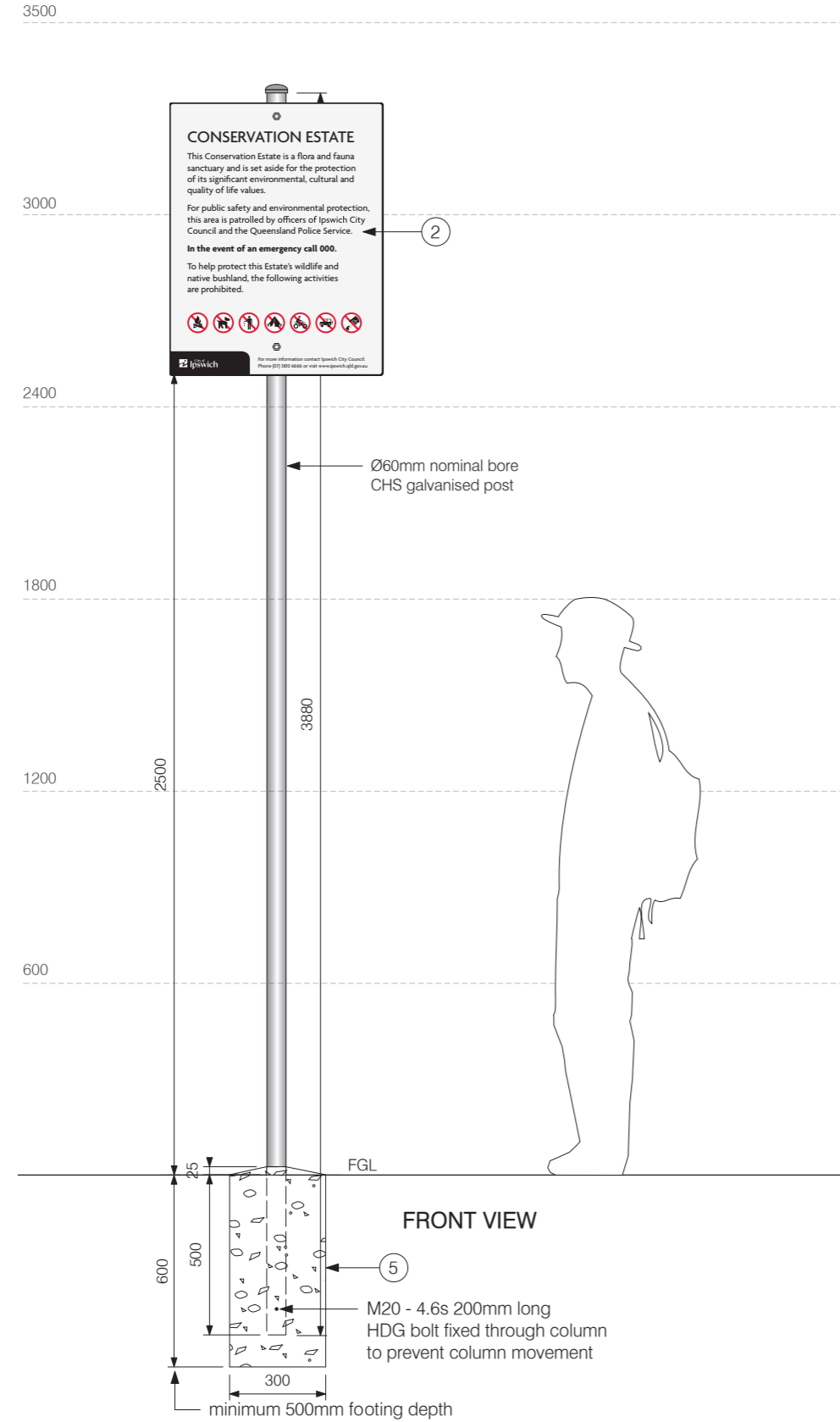
5. Newly installed posts shall be installed a minimum of 500mm in the ground.

Footings
6. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

NB: All steelwork to be hot dipped galvanised.

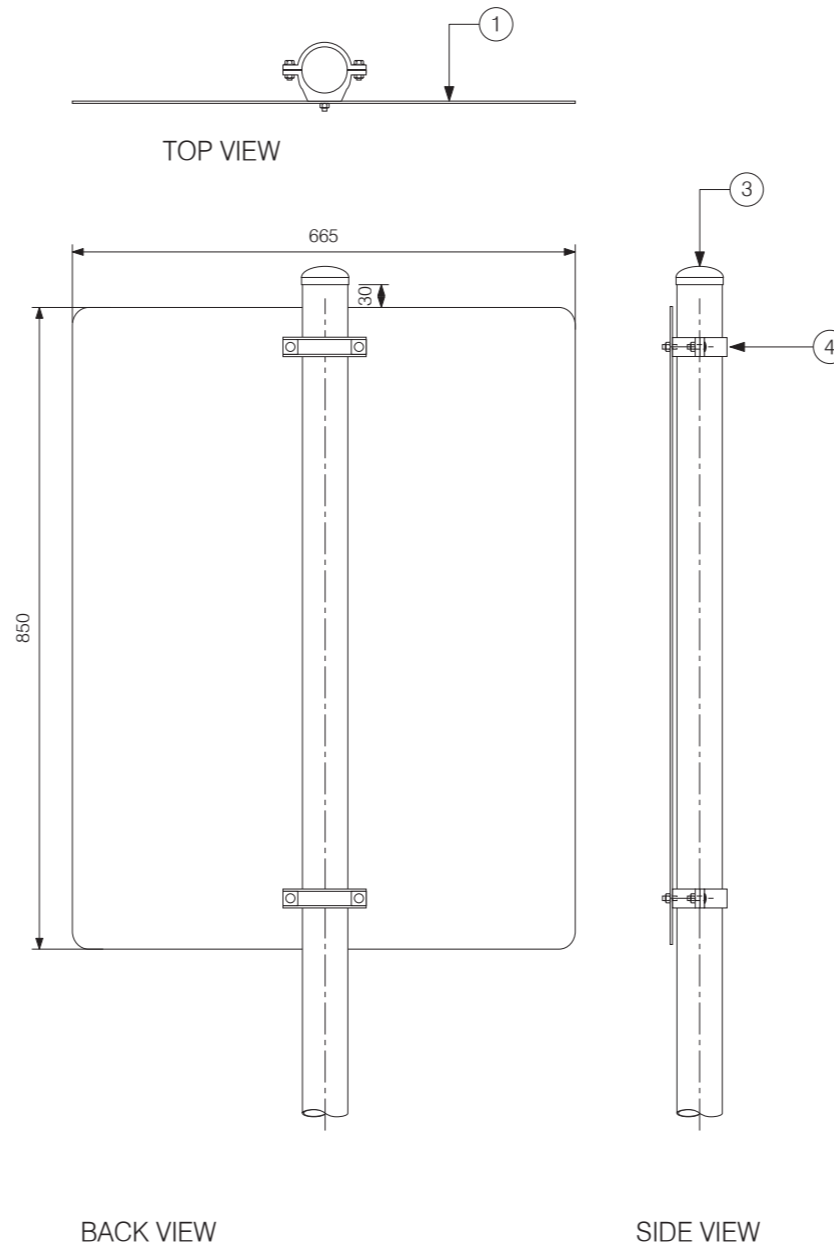
Graphics Detail
Refer to page 1 of 2 for Graphics Details

IF-5 relates to the following 3 signs:
NCW-IF-5
NDI-IF-5
NLO-IF-5



Typical Elevation

Scale 1:20



BACK VIEW

Fixing Detail

Scale 1:10

SIDE VIEW

Fixing Detail

Scale 1:2

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.

Attention

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REFERENCE DOCUMENTS

This drawing must be read in conjunction with the following documents:

- Sign Location Plan
- Specification

Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES

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- All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details

Refer to page 2 of 2 for Construction Details

Graphics Detail

FONT

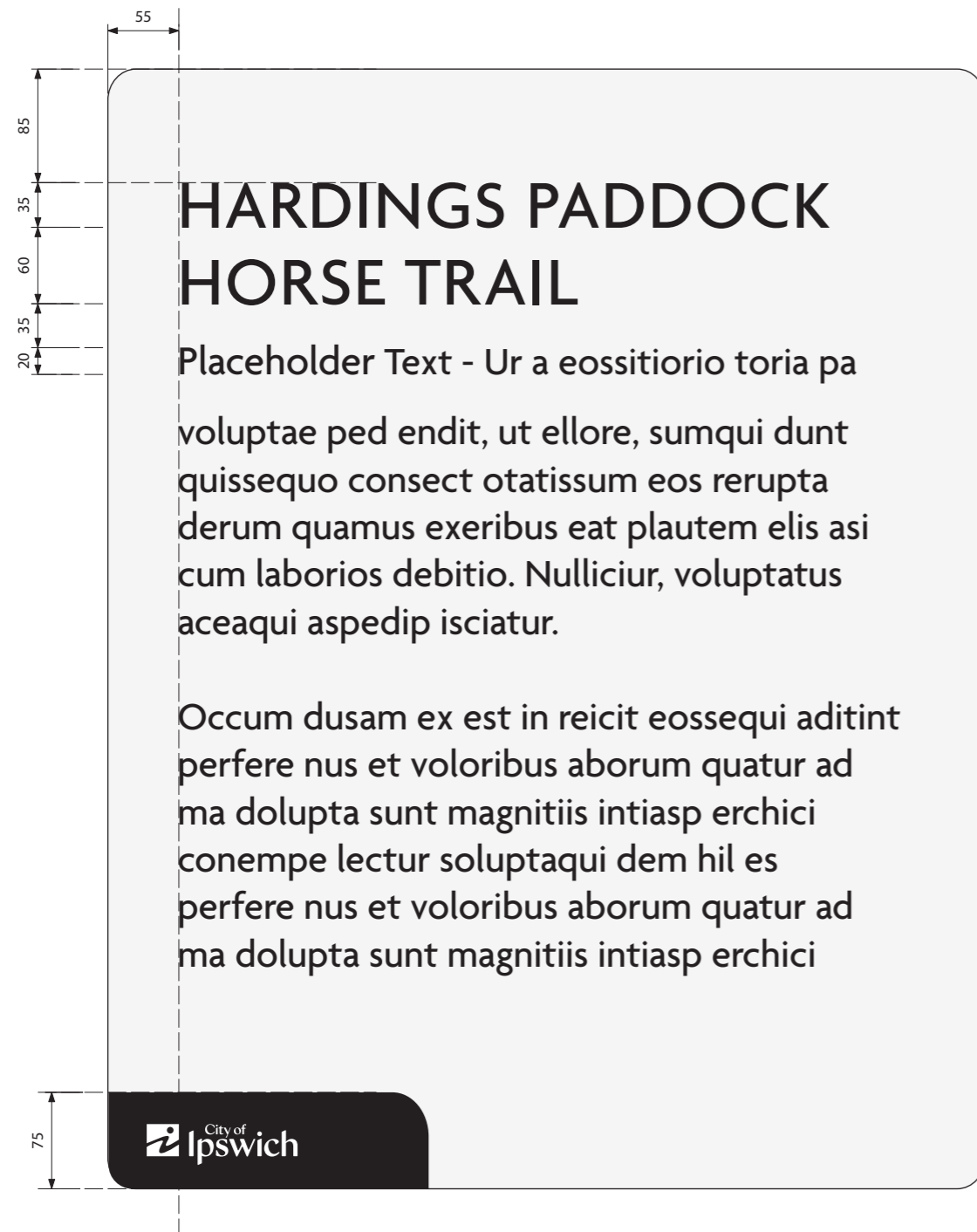
Agenda Medium.

SIZE

As shown on drawing.

COLOUR

Refer to graphic standards for details.



Graphic Layout

Scale 1:5

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- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.
• Refer to General Construction Specification Appendix A.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

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

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

Construction Details
1. Sign panel to be 1.6mm thick aluminium panel. All corners to be pencil round.

2. Graphics to be full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over.

3. Ø60mm nominal bore CHS galvanised posts and cap to match local Council standard street signs.

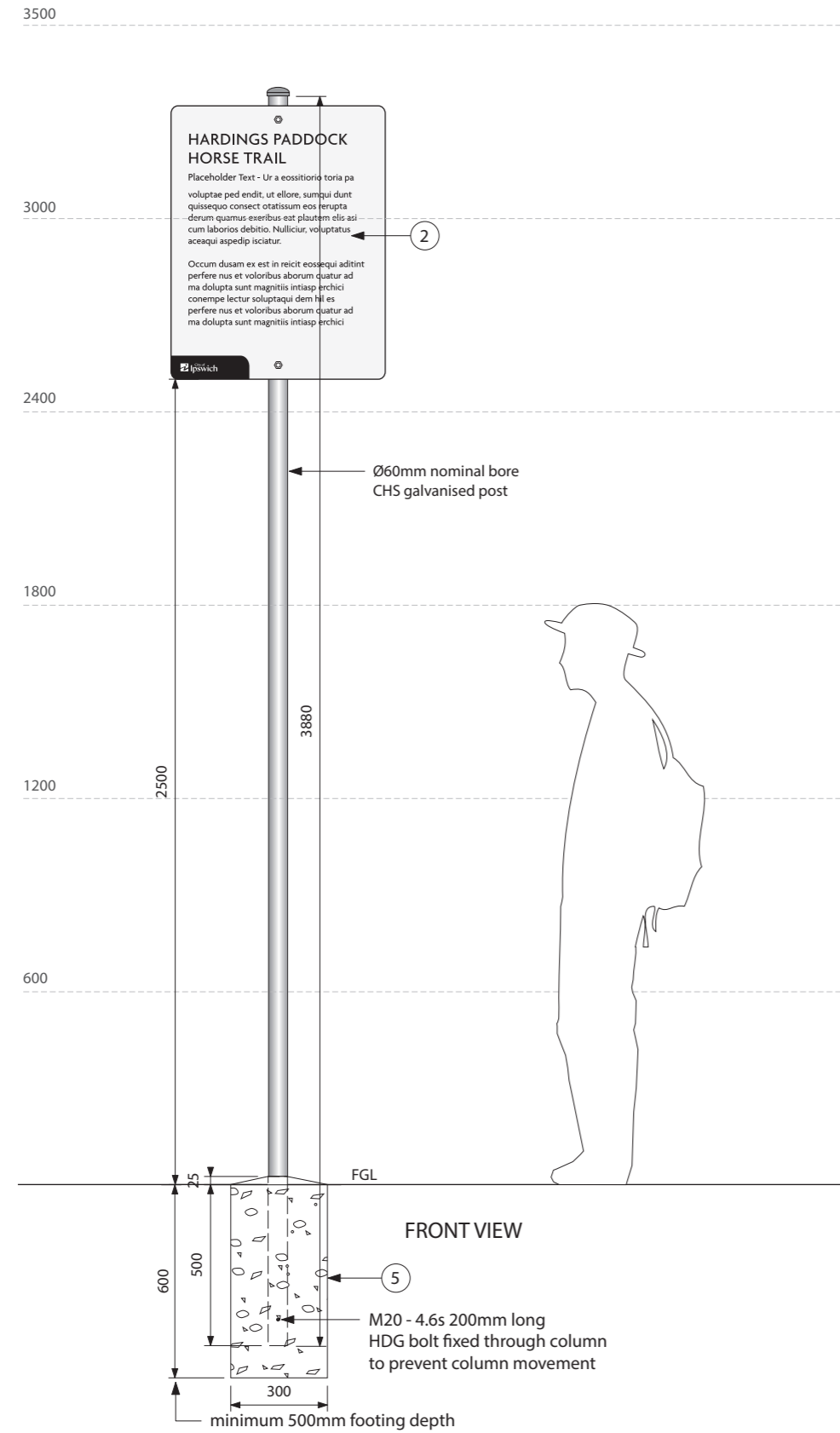
4. Sign bracket to match local Council standard street signs fix sign panel to post.

5. Newly installed posts shall be installed a minimum of 500mm in the ground.

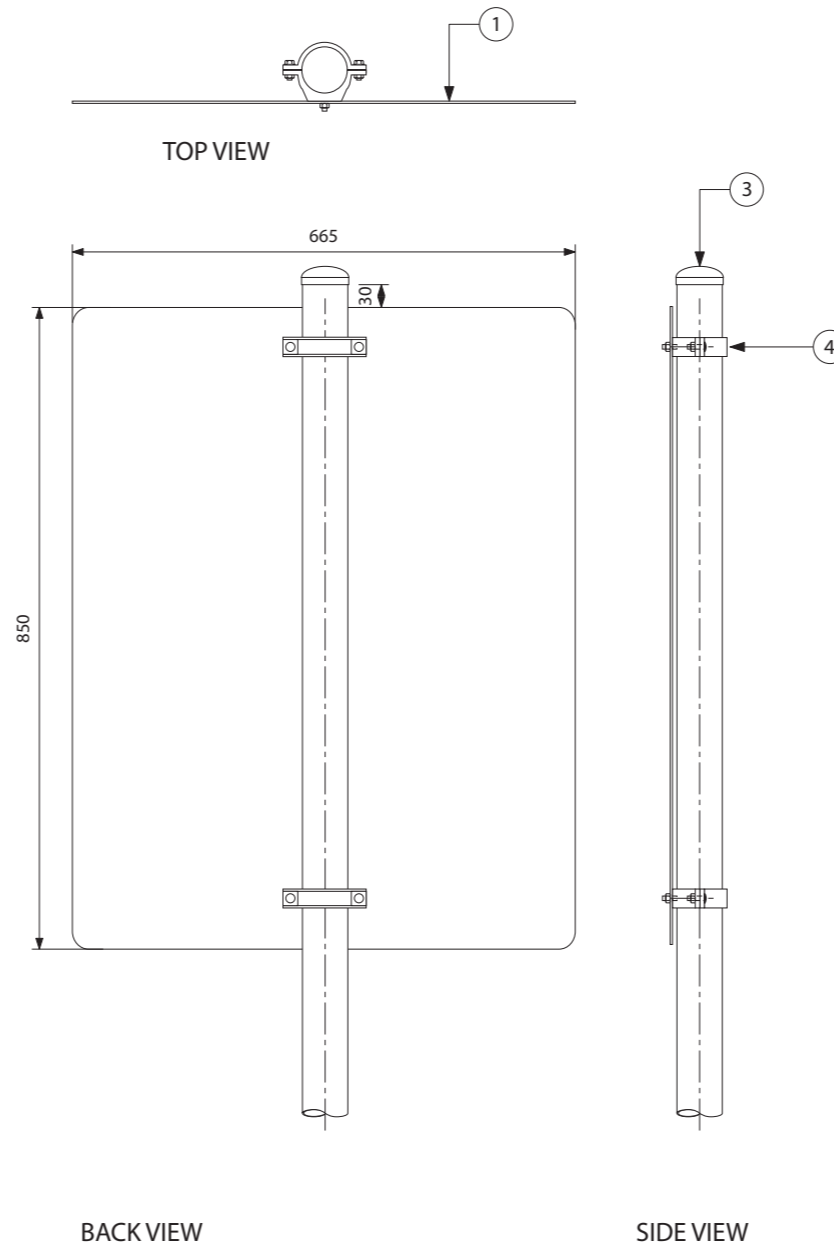
Footings
6. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

NB: All steelwork to be hot dipped galvanised.

Graphics Detail
Refer to page 1 of 2 for Graphics Details

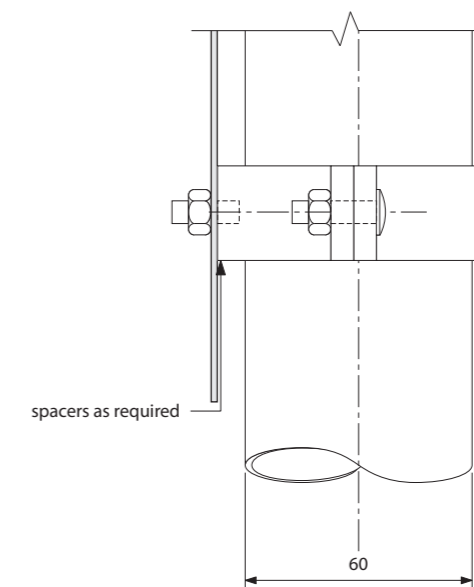


Typical Elevation
Scale 1:20



BACK VIEW

Fixing Detail
Scale 1:10



Fixing Detail
Scale 1:2

Sign types Natural Areas

Regulatory Signs

RG-S Small Regulatory Sign

RG-M Medium Regulatory Sign

RG-L Large Regulatory Sign

RG-18 Pictogram

RG-19 Toilet Facilities

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.

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GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
1. Sign panel to be 1.6mm thick aluminium panel. All corners to be pencil round.

2. Graphics to be full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over.

3. Fixed to backing material with suitable anti-theft fixings. Ensure fixings do not obscure pictogram. Use same post and fixing detail as RG-M Medium Regulatory Sign if post fixing is required.

Graphics Detail
FONT
Agenda Medium.

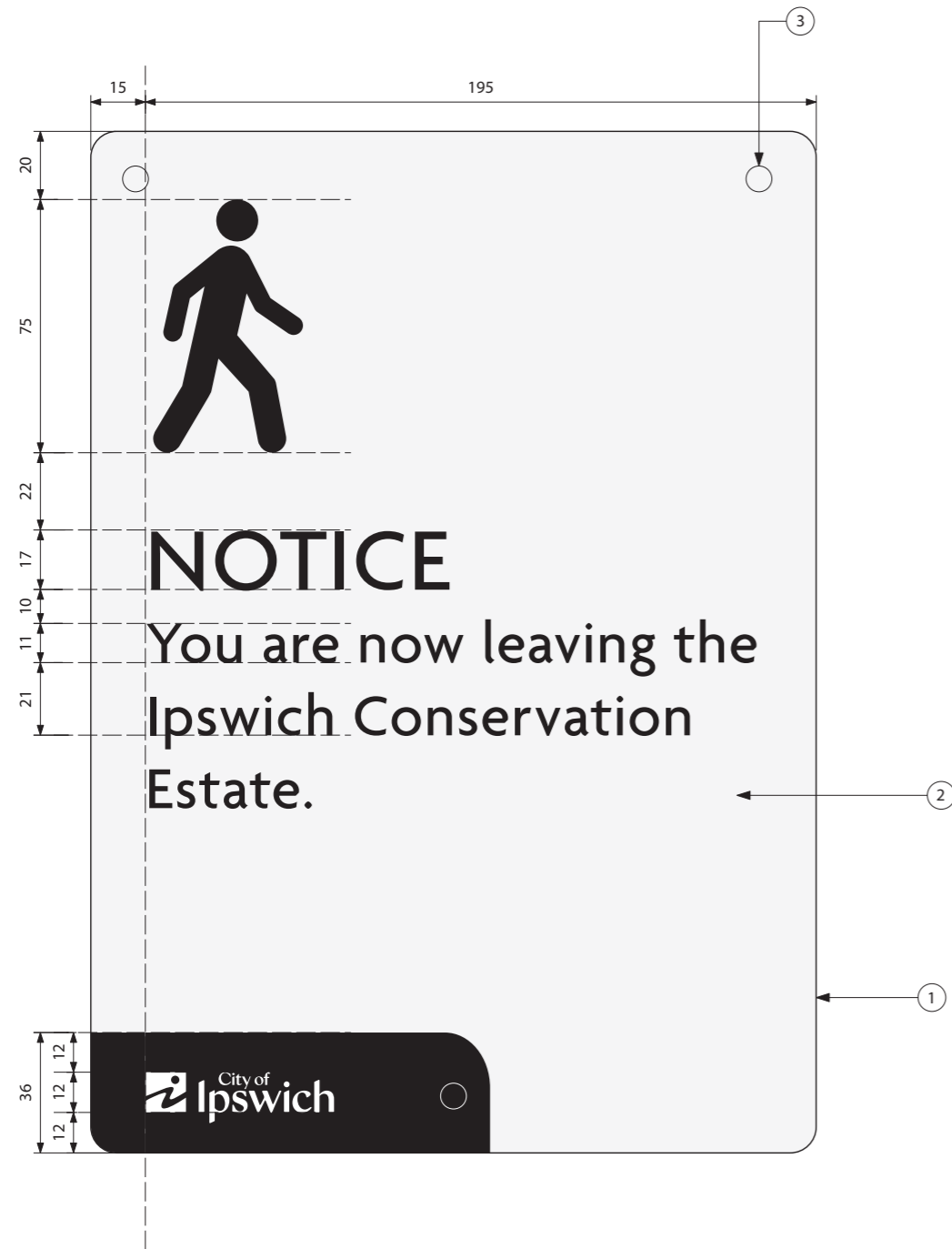
SIZE
As shown on drawing.

COLOUR
Refer to graphic standards for details.

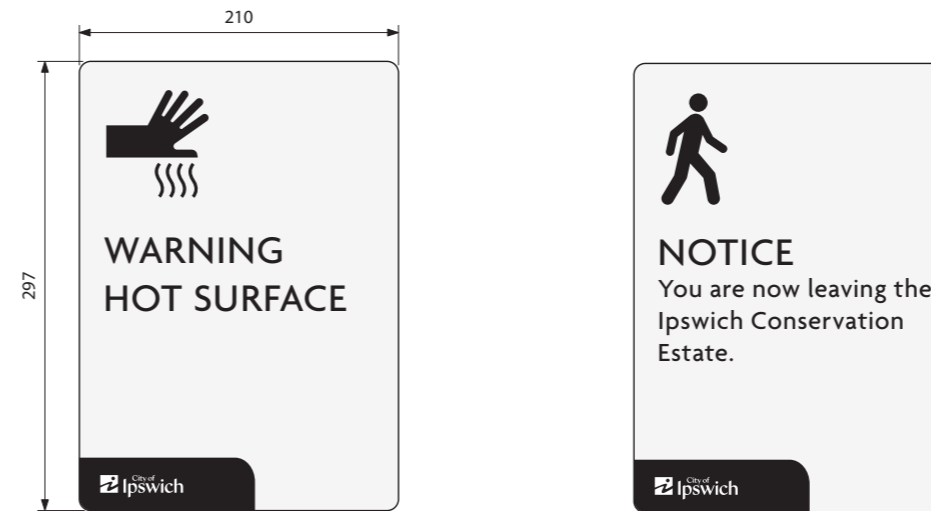
Small Regulatory Signs are suitable for the following sign codes:

- RG-12
- RG-16
- RG-17

NOTE: Layouts are indicative only.
All layouts to be approved by ICC Project Manager prior to production



Typical Graphic Layouts
Scale 1:2



Typical Graphic Layouts
Scale 1:5

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.

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REFERENCE DOCUMENTS
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- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
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• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
Refer to page 1 of 2 for Construction Details.

Graphics Detail
FONT
Agenda Medium.

SIZE
As shown on drawing.

COLOUR
Refer to graphic standards for details.

Medium Regulatory Signs are suitable for the following sign codes:

- RG-1
- RG-4
- RG-14
- RG-15

NOTE: Layouts are indicative only.
All layouts to be approved by ICC Project Manager prior to production



For longer messages.
Reduce text size to
minimum 27mm X
cap height

Typical Graphic Layouts
Scale 1:10



Typical Graphic Layouts
Scale 1:5

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REFERENCE DOCUMENTS
This drawing must be read in conjunction with the following documents:
- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.

• Refer to General Construction Specification Appendix A.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

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

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

Construction Details
1. Sign panel to be 1.6mm thick aluminium panel. All corners to be pencil round.

2. Graphics to be full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over.

3. Ø60mm nominal bore CHS galvanised posts and cap to match local Council standard street signs.

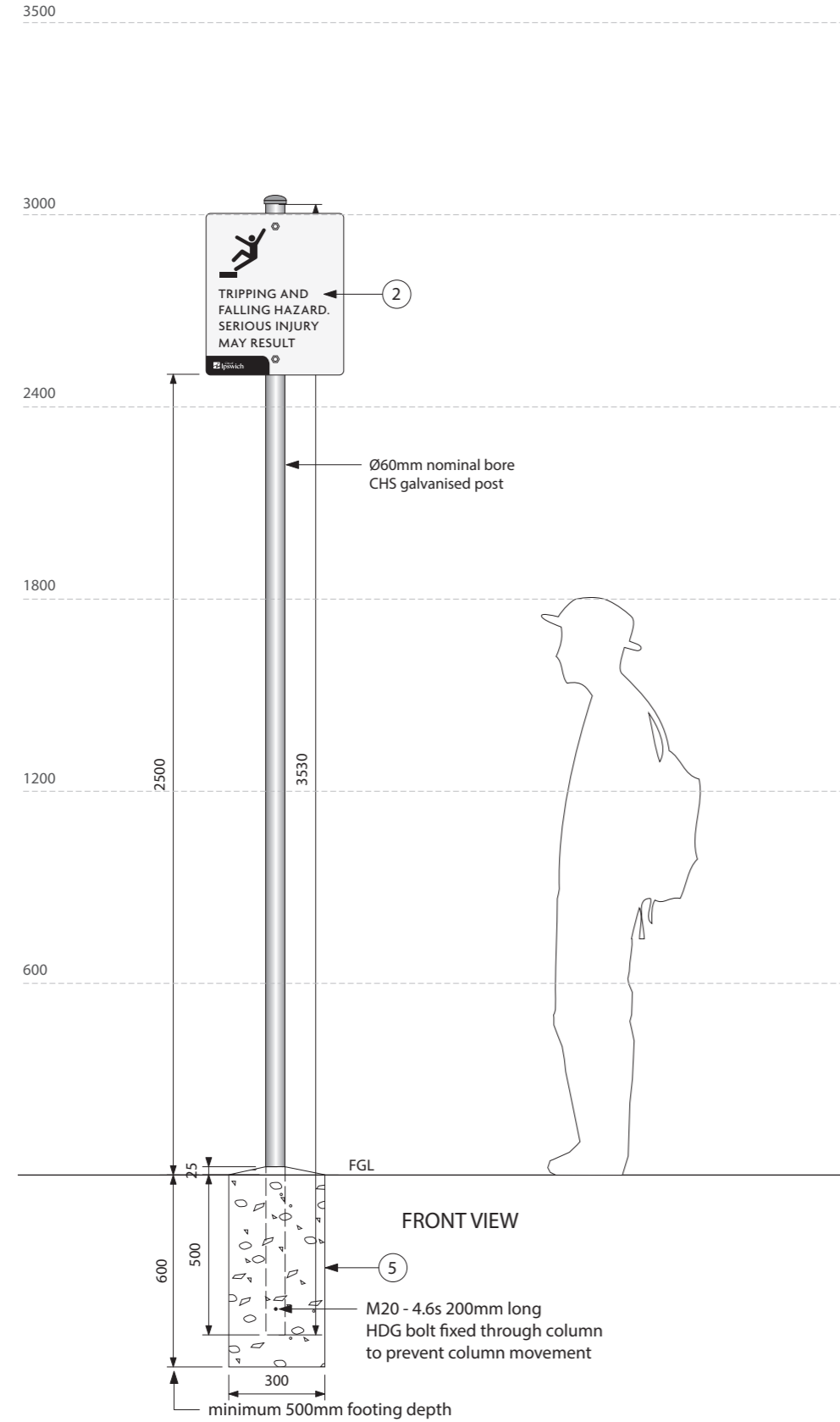
4. Sign bracket to match local Council standard street signs fix sign panel to post.

5. Newly installed posts shall be installed a minimum of 500mm in the ground.

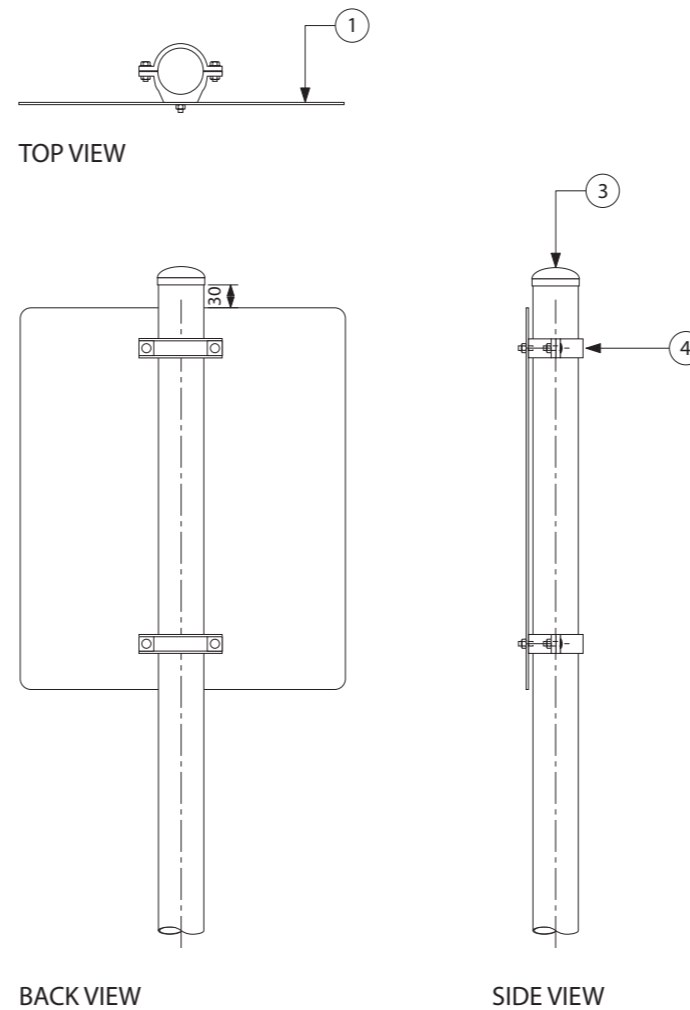
Footings
6. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

NB: All steelwork to be hot dipped galvanised.

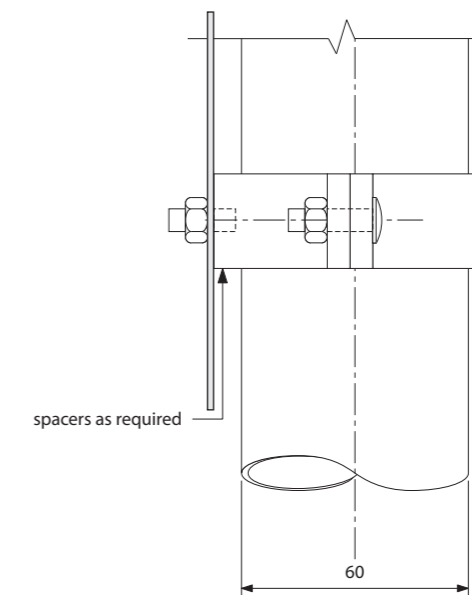
Graphics Detail
Refer to page 2 of 2 for Graphics Details.



Typical Elevation
Scale 1:20



Fixing Detail
Scale 1:10



Fixing Detail
Scale 1:2

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.

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REFERENCE DOCUMENTS
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Construction Details
Refer to page 2 of 2 for Construction Details

Graphics Detail
FONT
Agenda Medium.

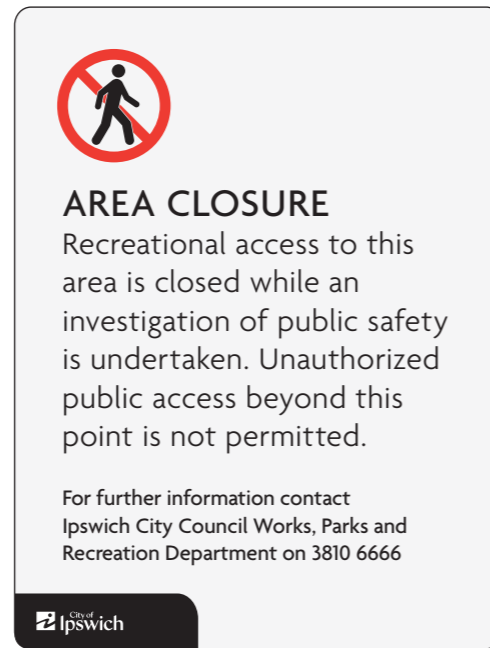
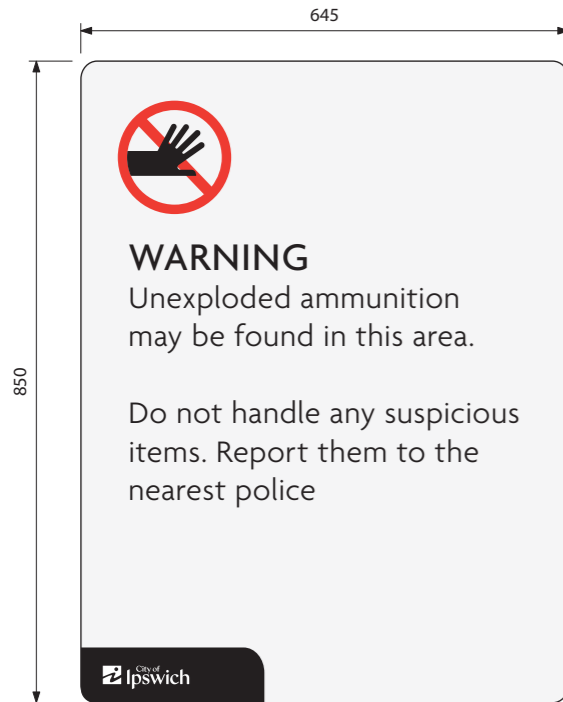
SIZE
As shown on drawing.

COLOUR
Refer to graphic standards for details.

Large Regulatory Signs are suitable for the following sign codes:

- RG-2
- RG-3
- RG-5
- RG-6
- RG-7
- RG-9
- RG-11
- RG-20

NOTE: Layouts are indicative only.
All layouts to be approved by ICC Project Manager prior to production



Graphic Layouts
Scale 1:10

Graphic Layout
Scale 1:5

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REFERENCE DOCUMENTS
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• Refer to General Construction Specification Appendix A.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

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

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

Construction Details
1. Sign panel to be 1.6mm thick aluminium panel. All corners to be pencil round.

2. Graphics to be full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over.

3. Ø60mm nominal bore CHS galvanised posts and cap to match local Council standard street signs.

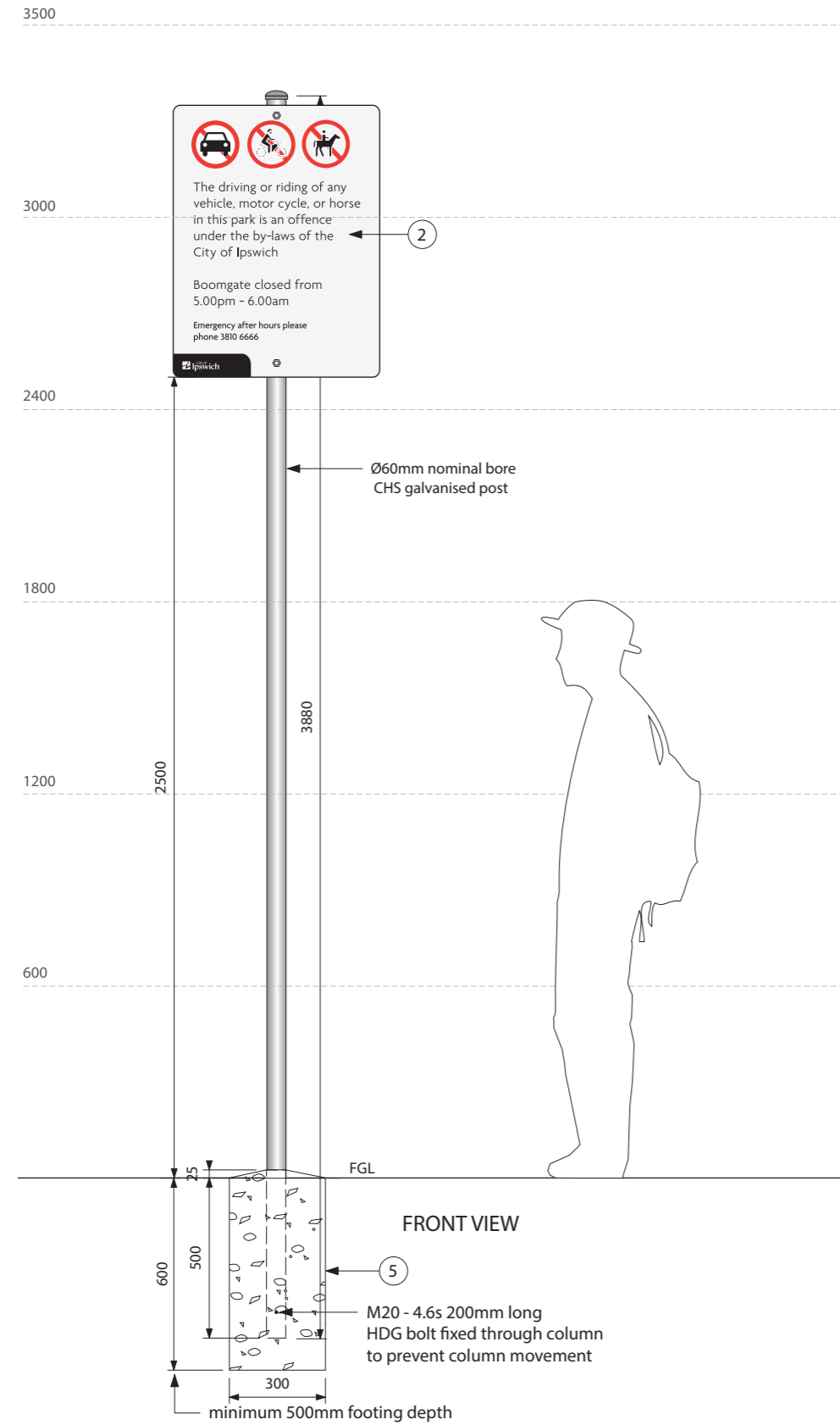
4. Sign bracket to match local Council standard street signs fix sign panel to post.

5. Newly installed posts shall be installed a minimum of 500mm in the ground.

Footings
6. Unreinforced concrete footing. All concrete footings shall finish above finished ground level with a 25mm domed crown. Re-instate / make good paving, pavement or ground surface, with no changes of level and no gradients steeper than 1:40. Embed concrete footings a minimum of 500mm.

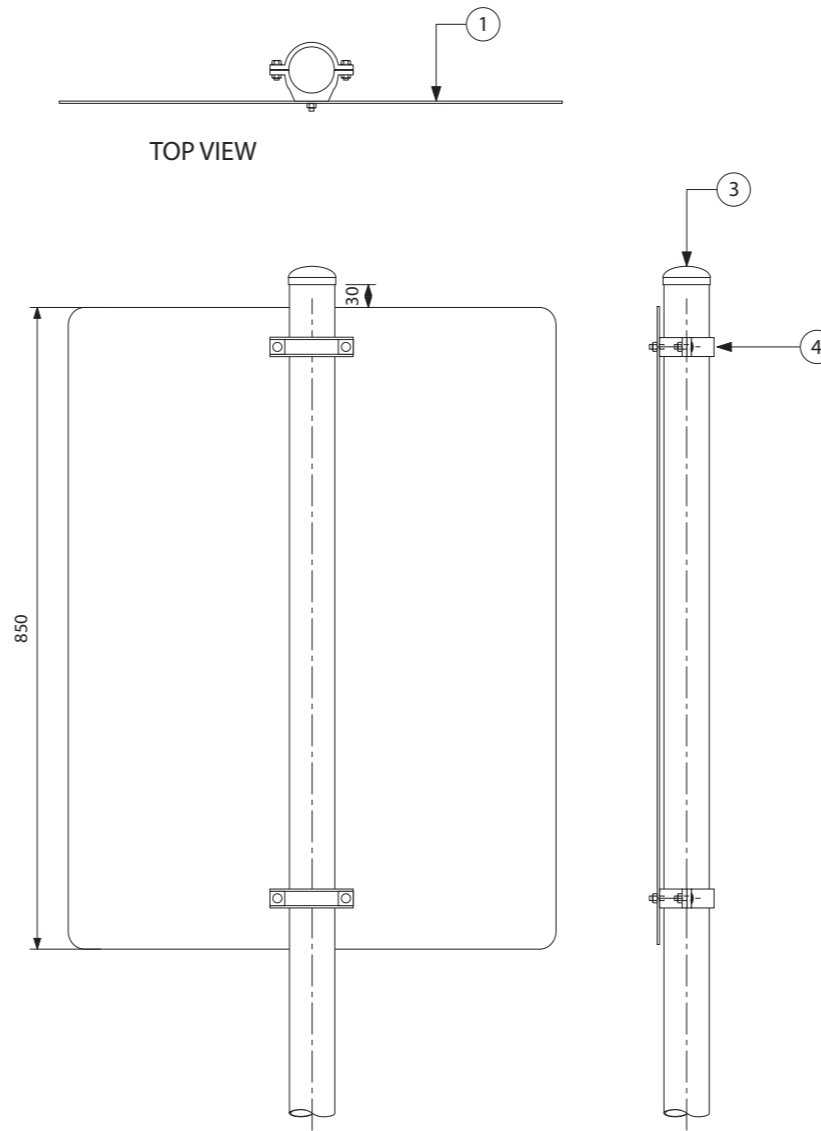
NB: All steelwork to be hot dipped galvanised.

Graphics Detail
Refer to page 1 of 2 for Graphics Details



Typical Elevation

Scale 1:20



BACK VIEW

Fixing Detail

Scale 1:10

SIDE VIEW

Fixing Detail

Scale 1:2

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.

Attention
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REFERENCE DOCUMENTS
This drawing must be read in conjunction with the following documents:
- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

GENERAL CONSTRUCTION NOTES
• Drawings show design intent. Any changes to specification which affects design intent must be approved by ICC.

• All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

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

Construction Details
1. Sign panel to be 1.6mm thick aluminium panel. All corners to be pencil round.

2. Graphics to be full colour digital print onto external grade 5-7 year polymeric vinyl with anti-graffiti polyvinyl fluoride film over.

3. Fixed to backing material with suitable anti theft fixings. Ensure fixings do not obscure pictogram.

Graphics Detail
SIZE
As shown on drawing

COLOUR
Refer to graphic standards for details



Typical Location
Scale 1:2



Typical Graphic Layouts
Scale 1:5

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.

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REFERENCE DOCUMENTS
This drawing must be read in conjunction with the following documents:
- Sign Location Plan
- Specification
Contact ICC Project Manager for details.

- All structural members, fixings and/or footings to be confirmed by sign maker's engineer.

Construction Details
1. 3.0 mm aluminium sign panel with Braille and tactile graphics, 'Pitt & Co', 'Pictobraille' or equivalent. 1mm raised Trezzini graphics and letters, all edges to be rounded. Grade 1 Braille to BCA and ASI428.1 requirements, ball bearing domes located 8mm below letters. Text and pictograms laser cut and then glued into laser cut shapes in panel surface.

2. The location of the Braille on signage shall be in accordance with Specification D3.6 of the BCA. Refer to Clause 2 of Specification D3.6 of the BCA for the mounting height of Braille Characters.

3. Where there are multiple lines of Braille text, a braille locator shall be provided in accordance with Clause 6 of Specification D3.6 of the BCA

4. Fix sign panel to wall with suitable anti-heft fixings.

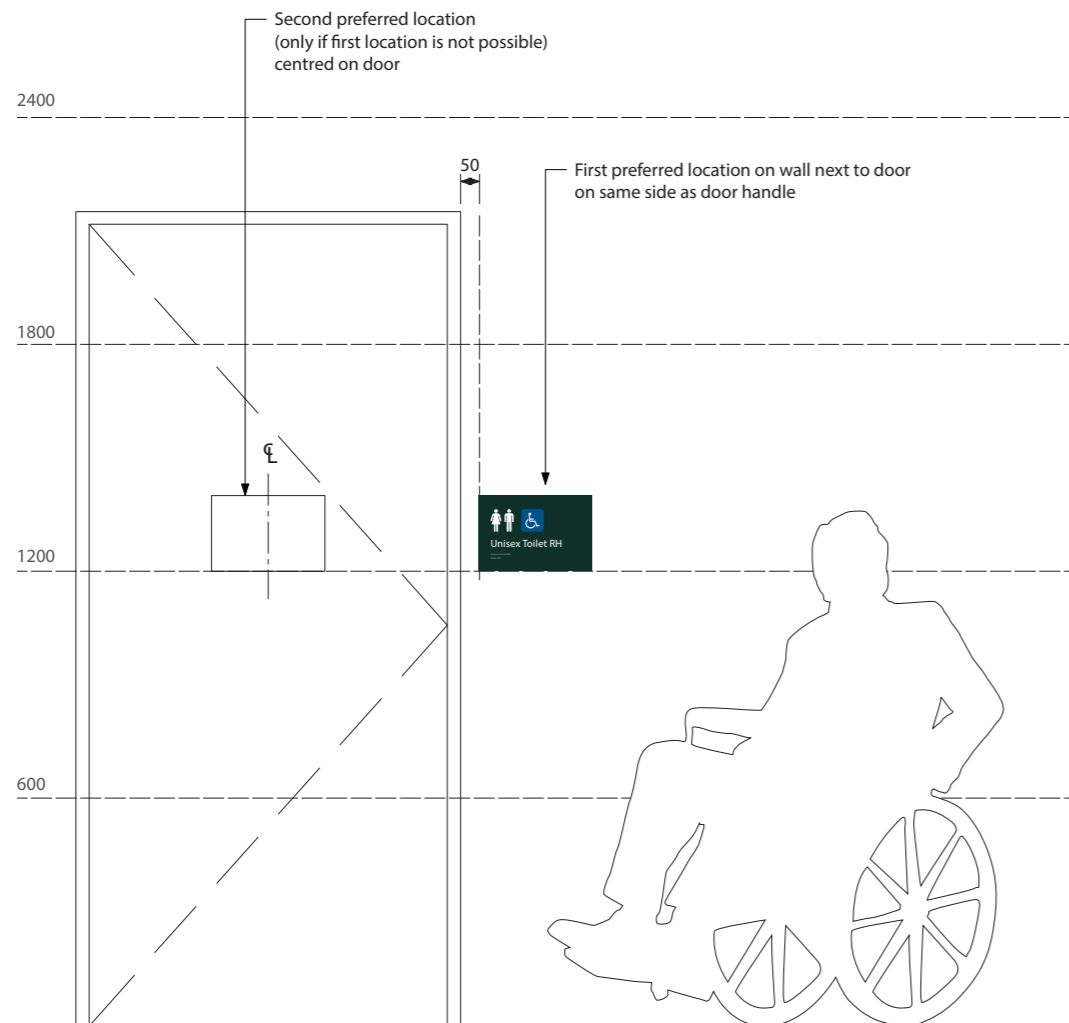
- All Braille to be confirmed by sign maker. Note: Braille colour to match sign background.

- Samples are to be provided prior to manufacture.

Graphics Detail
FONT
Arial Reguar as per BCA

SIZE
as noted

COLOUR
Dulux Cruel Sea



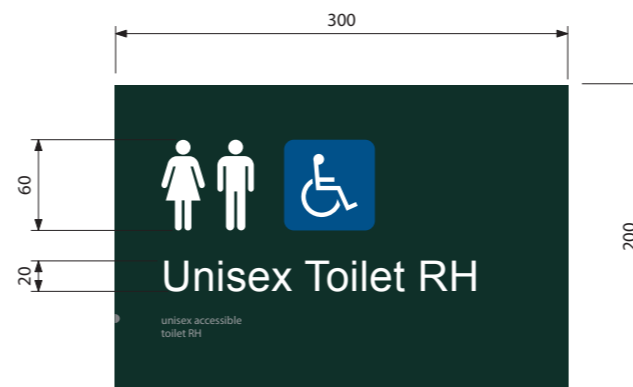
Typical Locations
Scale 1:20



FEMALE TOILET
Braille translation = female toilet



MALE TOILET
Braille translation = male toilet



UNISEX ACCESSIBLE TOILET
Braille translation = unisex accessible toilet RH (handing to be confirmed)

Typical Graphic Layouts
Scale 1:5

Appendices

Appendix – A. General Structural Specification.

Construction compliance with the structural guidelines of this document, as outlined in “Form 15 – Compliance Certificate for Building Design or Specifications” shall be deemed to comply with design solutions, with no further structural design review required.

A written statement of ‘as built compliance’ with this brief from a responsible person shall be a condition of practical completion.

The following scope limitations apply to signs covered by this manual:

1. The maximum ultimate strength limit states, wind for the signage is 42 meters per second. In terms of AS 1170 this equates to region B terrain category 2 and 3.
2. The signs are not to be sited on hilltops, the edge of escarpments or attached to other structures such as roofs or retaining walls.
3. Fixings and materials are to have a design life without maintenance of at least 25 years.
4. The signs are not designed to sustain flood or vehicle impact loads.
5. The signs are not designed with the aim of minimising the effects of wilful vandalism.
6. Columns are not to be routinely in a wet environment - i.e. wetlands or water courses.
7. Signage structure shall not form any part of a balustrade or safety barrier.
8. The documented footings are not suitable for sandy sites.
9. The assumed depth of topsoil for footing design is 100mm. Where deeper topsoil is encountered, deepen the footing by a similar amount.

The minimum thickness for steel sections shall be three millimetres. All steelwork shall be hot dip galvanised after fabrication. Steelwork shall have no joins. Electro plated zinc coatings (Duragal or similar) shall not be substituted for galvanised steel.

Aluminium including holes in aluminium sheet are to be electrically isolated from zinc or stainless steel fixings. Use over sized or fibrous sleeved holes and fibrous washers. Fixings in treated timber are to be coated, hot dip galvanised bolts are to be greased before installation. The minimum size of screw to be used is 4.8mm diameter.

All timber used shall be a select grade, arried and well seasoned. Timber splitting and warping within 12 months of installation shall be replaced at the contractor’s expense. Pressure treated timber shall not be used until the moisture content is less than 20%. Only H grade treated timber or durability class 1 natural timber shall be used.

Footings shall be cast insitu, with concrete of minimum grade N 20 installed into natural ground or controlled fill.

Form 15—Compliance Certificate for building Design or Specification

<p>NOTE</p>	<p>This is to be used for the purposes of section 10 of the <i>Building Act 1975</i> and/or section 46 of the <i>Building Regulation 2006</i>.</p> <p>RESTRICTION: A building certifier (class B) can only give a compliance certificate about whether building work complies with the BCA or a provision of the QDC. A building certifier (Class B) can not give a certificate regarding QDC boundary clearance and site cover provisions.</p>
<p>1. Property description This section need only be completed if details of street address and property description are applicable. EG. In the case of (standard/generic) pool design/shell manufacture and/or patio and carport systems this section may not be applicable.</p> <p>The description must identify all land the subject of the application. The lot & plan details (eg. SP / RP) are shown on title documents or a rates notice. If the plan is not registered by title, provide previous lot and plan details.</p>	<p>Street address <i>(include no., street, suburb / locality & postcode)</i> Various locations within Ipswich City boundaries consistent with siting limitations detailed in Appendix A of ICC Natural Area Sign Types Manual April 2014</p> <p>Lot & plan details <i>(attach list if necessary)</i> Various</p> <p>In which local government area is the land situated? Ipswich</p>
<p>2. Description of component/s certified Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the steel roof beams.</p>	<p>Structural design of footings and framing for various standard sign types</p>
<p>3. Basis of certification Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon.</p>	<p>AS 1170, 1720,4100</p>
<p>4. Reference documentation Clearly identify any relevant documentation, e.g. numbered structural engineering plans.</p>	<p>As documented in ICC Natural Areas Sign Types Manual 2014 on the following drawings: NCW-1D-1 sheet 3 ND1-1D-1 sheet3, 1D-2 sheet 2, DR-2 sheet 2, DR1-1 sheet 1, 1F-3a sheet 2, 1F-3b sheet 2, 1F-4 sheet 2, 1F-5 sheet 2, 1F-6 sheet 2 RG-M sheet 2, RG-L sheet 2</p>


LOCAL GOVERNMENT USE ONLY	
Date received	Reference Number/s

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**Queensland
Government**

Appendix – B. Form 15.

<p>5. Building certifier reference number</p>	<p>Building certifier reference number</p>
<p>6. Competent person details A competent person for building work, means a person who is assessed by the building certifier for the work as competent to practise in an aspect of the building and specification design, of the building work because of the individual's skill, experience and qualifications in the aspect. The competent person must also be registered or licensed under a law applying in the State to practice the aspect. If no relevant law requires the individual to be licensed or registered to be able to give the help, the certifier must assess the individual as having appropriate experience, qualifications or skills to be able to give the help. If the chief executive issues any guidelines for assessing a competent person, the building certifier must use the guidelines when assessing the person.</p>	<p>Name <i>(in full)</i> Alan Wolski</p> <p>Company name <i>(if applicable)</i> GHD P/I</p> <p>Phone no. <i>business hours</i> 33163647</p> <p>Mobile no. 04-7965438</p> <p>Fax no.</p> <p>Email address Alan.wolski@ghd.com.au</p> <p>Contact person Alan Wolski</p> <p>Postal address GPO Box 668 Brisbane</p> <p>Postcode 4000</p> <p>Licence or registration number <i>(if applicable)</i> RPEQ 02676</p>
<p>7. Signature of competent person This certificate must be signed by the individual assessed by the building certifier as competent.</p>	<p>Signature </p> <p>Date 5 May 2014</p>

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