



Charles Sturt
University

Signage Guidelines

Version 4: December 2022

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01

Introduction

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Corporate signage

Charles Sturt University has created a corporate signage system that will provide an effective wayfinding system, establish the University's presence and boundaries, and promote a positive image for the University across campuses, clinics and centres.

Overview

Corporate signage has been designed to align with and extend the Charles Sturt University brand and corporate visual identity to ensure a consistent look and feel. The specifications for the corporate signage system in the Corporate Signage Schedule of the Brand Guideline provide details for the size, shape, proportions, colours and fonts to be utilised on all signage, and prescribes how signage is to be used within the University.

The Brand Governance committee is responsible for approving the design of standard corporate signage contained in the Corporate Signage schedule of the Brand Guideline.

The Executive Director, Facilities Management, is responsible for applying the Brand Guideline and ensuring all signage adheres to the requirements of the Guideline.

Creating new signs & modifying existing signs

A range of templates for various types of signage are included in the Brand Guideline. Requests for signage in addition to these should be made to the Division of Facilities Management and/or the Division of Marketing, dependent on the type.

Requests for new permanent and semi-permanent signs and changes to existing signs must be approved by the Executive Director, Facilities Management.

The Executive Director, Facilities Management, may approve a new or varied permanent or semi-permanent sign and its location, consistent with the Brand Guideline.

DFM Governance of Signage and Wayfinding

The Division of Facilities Management (DFM) shall maintain and facilitate a Signage and Wayfinding committee which shall meet regularly. The committee's role shall be to consider new signage requests and additions to the procedure as they are identified. It shall also monitor the performance and appropriateness of the existing procedure. The committee shall be chaired by the Director of Operational Services (or his nominee) and make recommendations to the Executive Director for consideration.

The committee shall actively seek to improve the look and feel of signs and the seamless integration of signage and wayfinding for all clients across all campuses. This shall include digital signage and interactive tools.

Corporate signage

Signage format and consistency is of paramount importance for Charles Sturt University. Typically signage takes the form of either Permanent, Semi permanent, or Impermanent / Temporary Signage.

Permanent Signage

- Entrance signs
- Traffic management and parking lot signs
- Pedestrian wayfinding signs
- Building and room signs and numbering
- Directories and plaques

Permanent signage is managed by the Executive Director, Facilities Management.

Semi-permanent Signage

Some pedestrian wayfinding signs, directories and construction signage that may be;

- Required for a set time period
- Subject to change, or
- Placed as an interim measure until permanent
- Signage is available

Semi-permanent signage is managed by the Executive Director, Facilities Management.

For construction projects, there is a range of signage that is required under WHS legislation and to ensure compliance with Federal Government funding agreements.

Impermanent / Temporary Signage

Event, functional, and promotional signs such as;

- Student association signs
- Campaign or initiative posters
- Free-standing banners
- Notices, etc.

Impermanent / temporary signage is the responsibility of the organisational unit, but must be designed and implemented in line with the Brand Guidelines, consultation with the Division of Marketing is recommended.

DFM will be responsible for authorising installation and in most cases will assist with installation via Security or Janitorial Services, depending on need, time frame etc. Campus Services Managers should be contacted for guidance.

Third party signage

Charles Sturt University has created a third party signage system that will provide an effective wayfinding system for non-University entities located on Charles Sturt University campuses.

With an increasing number of third party tenants located within Charles Sturt University campuses, Charles Sturt has identified a need for guidance on adequate wayfinding and signage to third party entities, such as the dental clinic at Albury Campus or Ochre Health at Bathurst Campus. In many instances, the presence of third party tenants is not obvious on external road approach to the campus, and lacks visibility on approach to the building within the campus grounds.

The information in this guideline provides guidance on how standard Charles Sturt signage has been adapted to accommodate third party requirements (where applicable). In a limited number of instances, stand alone third party signage may also be used without Charles Sturt co-branding.

As a guiding principal, third party signage shall not take precedence over Charles Sturt signage and shall be limited to being displayed on precinct or building signage only. Third party logos will be permitted to be used on Charles Sturt signage to assist wayfinding where appropriate.

02

Wayfinding principles

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Typical user journey	2.5

Wayfinding principles

The objective: understanding the needs of Charles Sturt campus users to provide the right information, in the right way, at the right time.

Wherever users interact with a location or campus, wayfinding plays a fundamental role in ensuring a consistent and high quality experience that is consistent with the vision and values of Charles Sturt University.

The success or failure of a wayfinding system depends on key principles, detailed on the following pages. These principles should serve as a guide whenever signage is needed, ensuring that the end product fulfils the needs of the people who use the space, and contributes to the effective and efficient function of the campus environment.

User groups

Who are the users?
What do they need to know?

Journey principles

What are the stages of the journey?
When do they need to know it?

Information hierarchy

How much information do they need?
What is most useful and relevant?

Typical user journey

What sign works best where?
How does it all fit together?

User groups

Students

For these primary users, the campus is a vital part of their day-to-day learning experience. Students may travel to campus each day or be based in accommodation on site.

- Local and international students
- Full-time or part-time
- New and returning students

Frequency of use
High frequency

Key destinations

- Teaching and learning spaces
- Administration (Student Central)
- Library / study spaces (Learning Commons)
- Breakout spaces
- Campus amenities (e.g. cafe, sports grounds)
- Staff offices
- Student accommodation

Information needs

- Timetables
- Campus directories
- Directional information
- Building identification
- Internal wayfinding (levels, rooms, destinations)

Staff

For these primary users, the campus is a vital part of their day-to-day work. They may attend campuses daily, or on a sessional / part-time basis.

- Teaching staff and academics
- Administrative staff
- Support and operations staff

Frequency of use
High frequency

Key destinations

- Staff entries and parking
- Teaching and learning spaces
- Staff offices
- Breakout rooms
- Research spaces
- Meeting rooms

Information needs

- Timetables
- Campus directories
- Directional information
- Building identification
- Internal wayfinding (levels, rooms, destinations)

Future students

Short-term visitors, they are on campus to gain information and find out more about the facilities and experience at Charles Sturt University. Their first experiences on campus are crucial, and may be their first direct interaction with Charles Sturt.

- Local and international students
- Parents, family or guardians of prospective students

Frequency of use
Low frequency

Key destinations

- Main entry
- Visitor parking
- Campus reception and information (Student Central)

Information needs

- Campus identification
- Gate / entry identification
- Parking information
- Campus directories
- Building identification
- Directional information
- Internal wayfinding (levels, rooms, destinations)

Campus visitors

All other campus visitors other than prospective students, these users are usually one-off or occasional visitors who are on campus for a specific event or purpose.

- Community groups
- Dignitaries and guests
- External contractors and suppliers

Frequency of use
Low / intermediate frequency

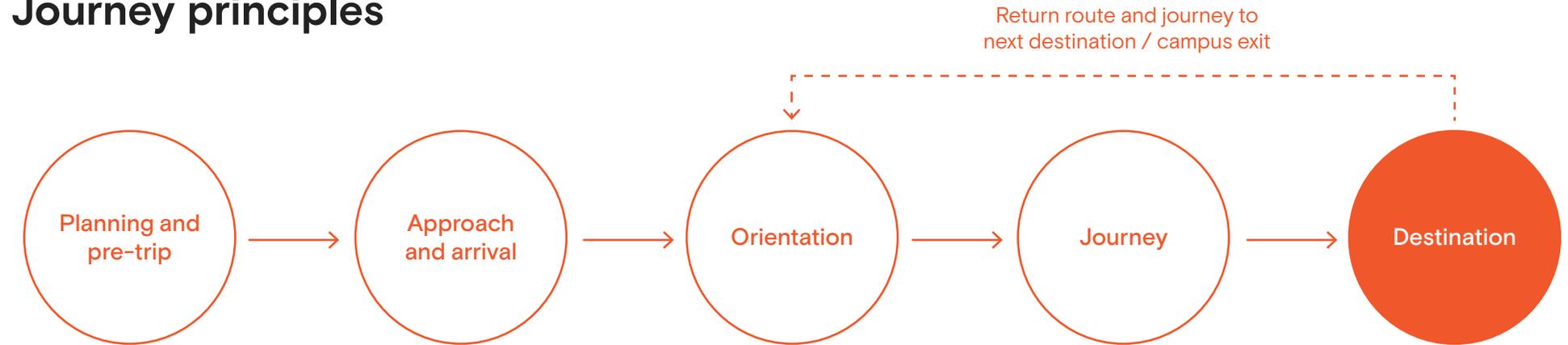
Key destinations

- Main entry
- Visitor parking
- Campus reception and information
- Public campus facilities (e.g. galleries, function spaces, lecture halls)

Information needs

- Campus identification
- Gate / entry identification
- Parking information
- Campus directories
- Building identification
- Directional information
- Internal wayfinding (levels, rooms, destinations)

Journey principles



“Where is the campus?”
 “How do I get there?”
 “How can I get there?”

The Charles Sturt website, printed publications and online maps are key resources for pre-trip planning and information. To provide clarity for users, pre-trip information should be coordinated for consistency across all platforms.

Where there are multiple entries, campus addressing should use the best entry for first-time users and/or the most intuitive campus ‘front door’.

“Am I going the right way?”
 “Have I arrived?”
 “Where do I go in?”

Road traffic and council signage play an important role in supporting user journeys en route to campus, and requires coordination between Charles Sturt and local authorities.

Landmarking at site boundaries can be used to enhance a sense of arrival, while gate signage should clearly and intuitively highlight entries to campus. On arrival Charles Sturt branding and functional wayfinding information should work hand-in-hand, providing users with a sense of welcome and confirming they have arrived at the right place.

“Where am I now?”
 “Where do I need to go?”
 “Which way is it?”

Users may arrive at different locations on campus depending on their end destination, arrival route or mode of travel. At each location users need clear and concise information to pinpoint exactly where they are, where they need to go, and how to get there.

Campus maps and directories (vehicular and pedestrian) provide essential information for orientation, campus destinations and directions for onward journeys.

Return route and journey to next destination / campus exit

“Am I going the right way?”
 “Which way from here?”
 “How far is it?”

Once they know where they are and where they need to go, directional wayfinding is essential to ensure users find their way without stress or difficulty.

Directional information should be clear and succinct, providing confirmation and assurance en route to their destination.

“Is this the building?”
 “What level is it on?”
 “Which room is it?”

Building identification should be logically numbered and clearly visible from campus pathways to provide clear confirmation of arrival.

Directories at building entries provide detailed information on destinations, levels and rooms to guide users to their final destination.

Information hierarchy

Managing the amount of information on signage is key to limiting complexity. In short, ‘keeping it simple’ helps to prevent users from becoming overwhelmed and disorientated, maximising the effectiveness of wayfinding.

Progressive disclosure

Together with hierarchy, progressive disclosure is important for avoiding ‘information overload’ on signage. It means prioritising information sequentially at the appropriate stage of the user journey, giving users the right information at the right time. It also means not presenting all of the information at once or at the beginning.

Primary destinations

These are relevant to a broad range of campus users, and are considered essential information (i.e. must know). They are identified as a priority on directional signs, campus maps and directories, and supported with clear identification signage. They include:

- Main entries / exits
- Campus reception and information (Student Central)
- Buildings (numbered)
- Car parks (numbered)
- Library (Learning Commons)
- Key campus facilities (e.g. dining hall)
- Restrooms and amenities

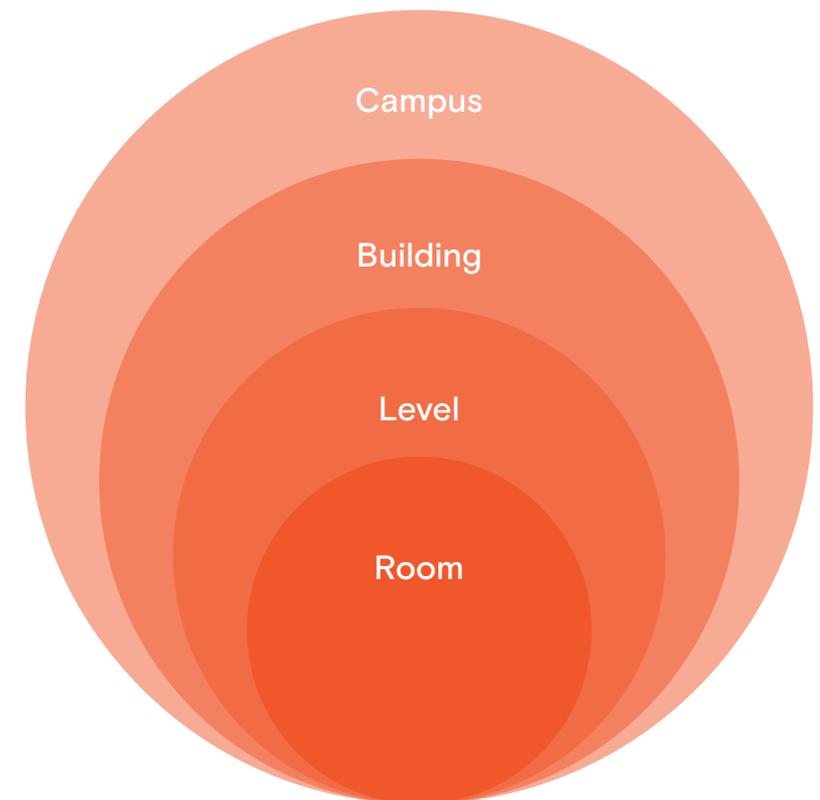
Secondary destinations

These may be relevant to select groups of users, or considered non-essential information (i.e. good to know). They will not be identified on every directional sign, but identified where most relevant and detailed on maps and directories. They include:

- Secondary entries / exits (e.g. staff entries)
- Staff rooms
- Breakout spaces
- Recreational facilities
- Student accommodation

Regulatory / operational information

This information is relevant for specific users only, and identified on a need-to-know basis. Regulatory and operational information occupies a lower level of hierarchy to primary wayfinding information, and should appear less prominently in the campus environment.

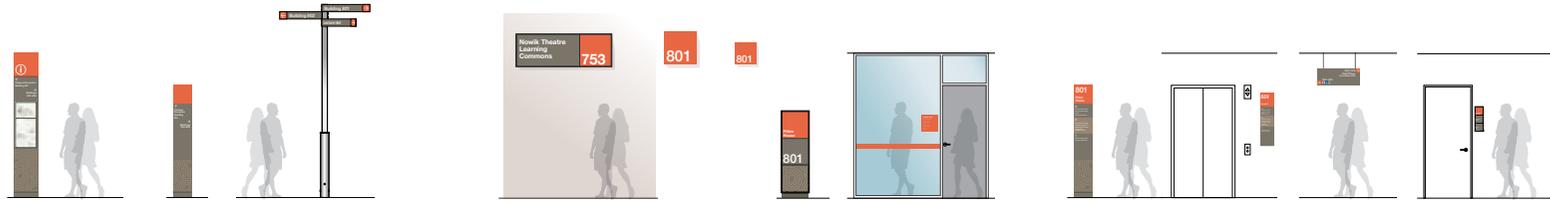


Typical user journey

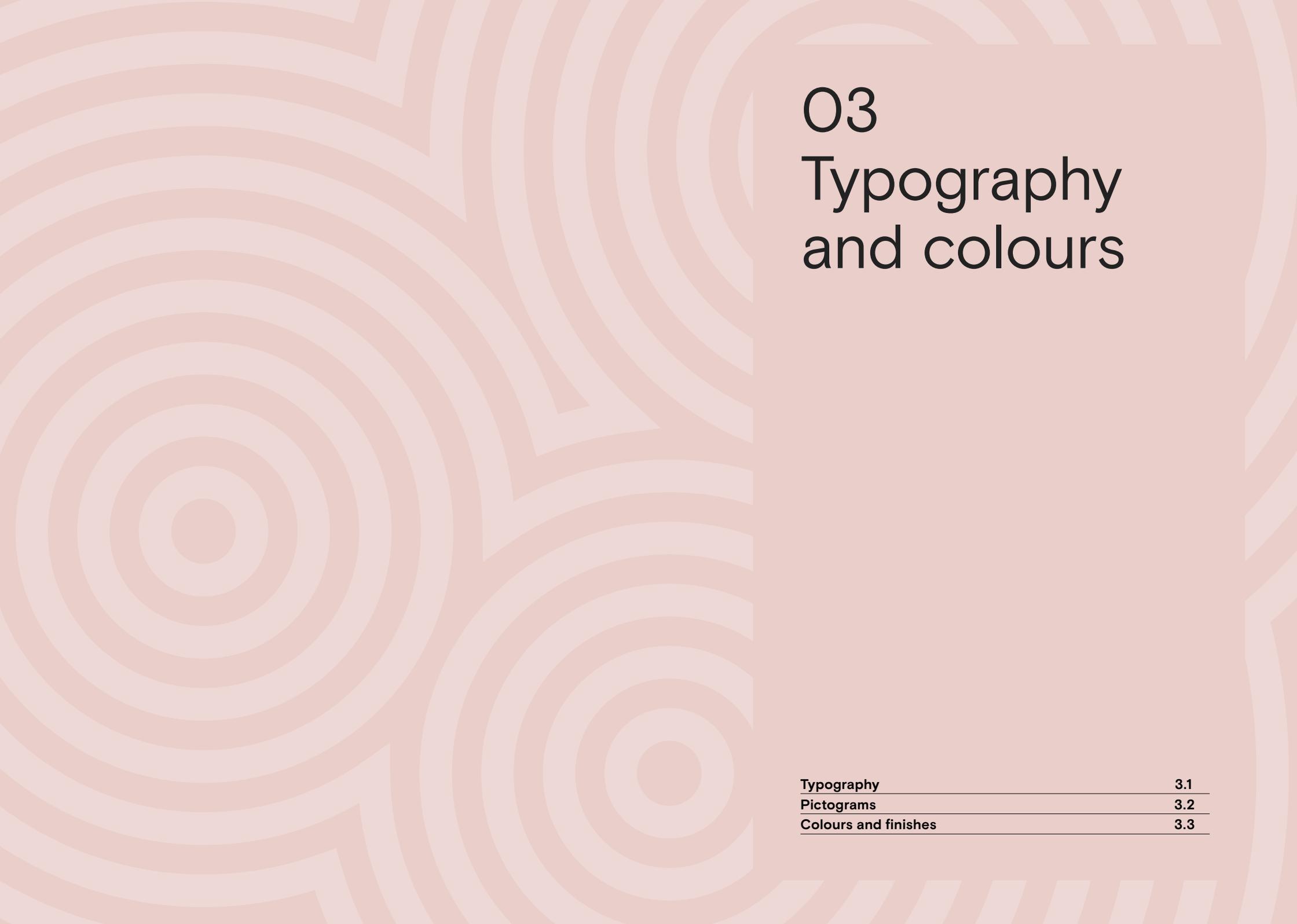


Journey stage	Approach and arrival	Vehicular / cyclist orientation and navigation	Parking
<p>User need</p>	<p>“Where is the campus?”</p> <p>“Where do I go in?”</p> <p>“What entry should I use?”</p>	<p>“Where am I now?”</p> <p>“Where do I need to go?”</p> <p>“Which way is it?”</p>	<p>“Where can I park?”</p> <p>“Should I park here?”</p> <p>“What are the restrictions?”</p>
<p>Information required</p>	<ul style="list-style-type: none"> • Campus identification • Charles Sturt University branding • Gate / entry identification • Entry information with key destinations (e.g. Student Central) 	<ul style="list-style-type: none"> • Site directories • Directional signage • Key destinations (e.g. Student Central) • Parking information • Street identification (internal campus roads) 	<ul style="list-style-type: none"> • Car park identification • Parking information (public / student / staff) • Restrictions and permits • Time limits • Bike parking identification
<p>Key sign types</p>	<p>SIT Site identification totem</p> <p>MET Main entry totem</p> <p>EIT Entry identification totem</p>	<p>CDT Campus directory totem</p> <p>VDT Vehicular directional totem</p> <p>VDF Vehicular directional finger blade</p>	<p>CP Car park entry</p> <p>PS Parking signs</p> <p>BP Bike parking</p>

Typical user journey (continued)



Journey stage	Pedestrian orientation and navigation	Building identification and entry	Internal navigation and arrival
<p>User need</p> <p>“Where am I now?” “Where do I need to go?” “How do I get there?” “Which way is it?”</p>	<p>“Where am I now?” “Where do I need to go?” “How do I get there?” “Which way is it?”</p>	<p>“Is this the building / destination?” “Where is the entry?” “When is it open?”</p>	<p>“Where do I need to go?” “What level is it on?” “Which way is it?” “Is this the room / destination?”</p>
<p>Information required</p>	<ul style="list-style-type: none"> • Campus maps and directories • Directional signage • Key destinations (e.g. Student Central, buildings) • Accessible routes 	<ul style="list-style-type: none"> • Building numbers • Building names (where applicable) • Third-party tenant identification (where applicable) • Entry information / opening hours (where applicable) 	<ul style="list-style-type: none"> • Building directories • Level / lift directories • Level identification • Directional signage • Room / amenity identification
<p>Key sign types</p>	<ul style="list-style-type: none"> IDT Information directory totem PDT Pedestrian directional totem PDF Pedestrian directional finger blade 	<ul style="list-style-type: none"> BNN-M Building name / number (medium) BN-M Building number (medium) BN-S Building number (small) BIT Building identification totem EI Entry information 	<ul style="list-style-type: none"> BDT/W Building directories LDT/W Lift / level directories IDC/S/W Identification signage DC-S/M Directional cantilevered DS-S/M Directional suspended RID-A/B Room identification AB Amenities identification (braille)



03

Typography and colours

Typography	3.1
Pictograms	3.2
Colours and finishes	3.3

Typography

The use of the typeface in a wayfinding system is crucial to its effectiveness. It is also an extension of the brand.

The Charles Sturt University standard signage typefaces are from the Helvetica Neue family. Space is crucial when applying messaging to a signage system, without hindering its legibility.

The approved font styles shown here (75 Bold, 65 Medium and 55 Roman) have been carefully selected to optimise the legibility of signage in a range of contexts. Only these approved styles should be used.

To maintain consistency and ensure the correct use of fonts, approved artwork templates should always be used for the creation of new signage.

ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

Helvetica Neue Lt Std - 75 Bold.

ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

Helvetica Neue Lt Std - 65 Medium.

ABCDEFGHIJKLMNOPQRSTUVWXYZ
1234567890

Helvetica Neue Lt Std - 55 Roman.



Unisex Toilet
[F/M]



Female Toilet
[F]



Male Toilet
[M]



Accessible Toilet
[A]



Female Ambulant
[F-AMBULANT]



Male Ambulant
[M-AMBULANT]



Gender Neutral Toilet
[TOILET]



Shower
[SHOWER]



Parents Room
[PARENT]



Drinking Fountain
[DRINK]



Litter
[LITTER]



Telephone
[PHONE]



Information
[INFO]



Lift
[LIFT]



Hearing Impaired
[HEAR]



Parking
[P]



Bike Parking
[BIKE]



Bus
[BUS]



Pick-Up & Drop-Off
[DROP-OFF]



Charging station
[CHARGE]



Stairs
[STAIR]



CCTV
[CCTV]

Colours and finishes

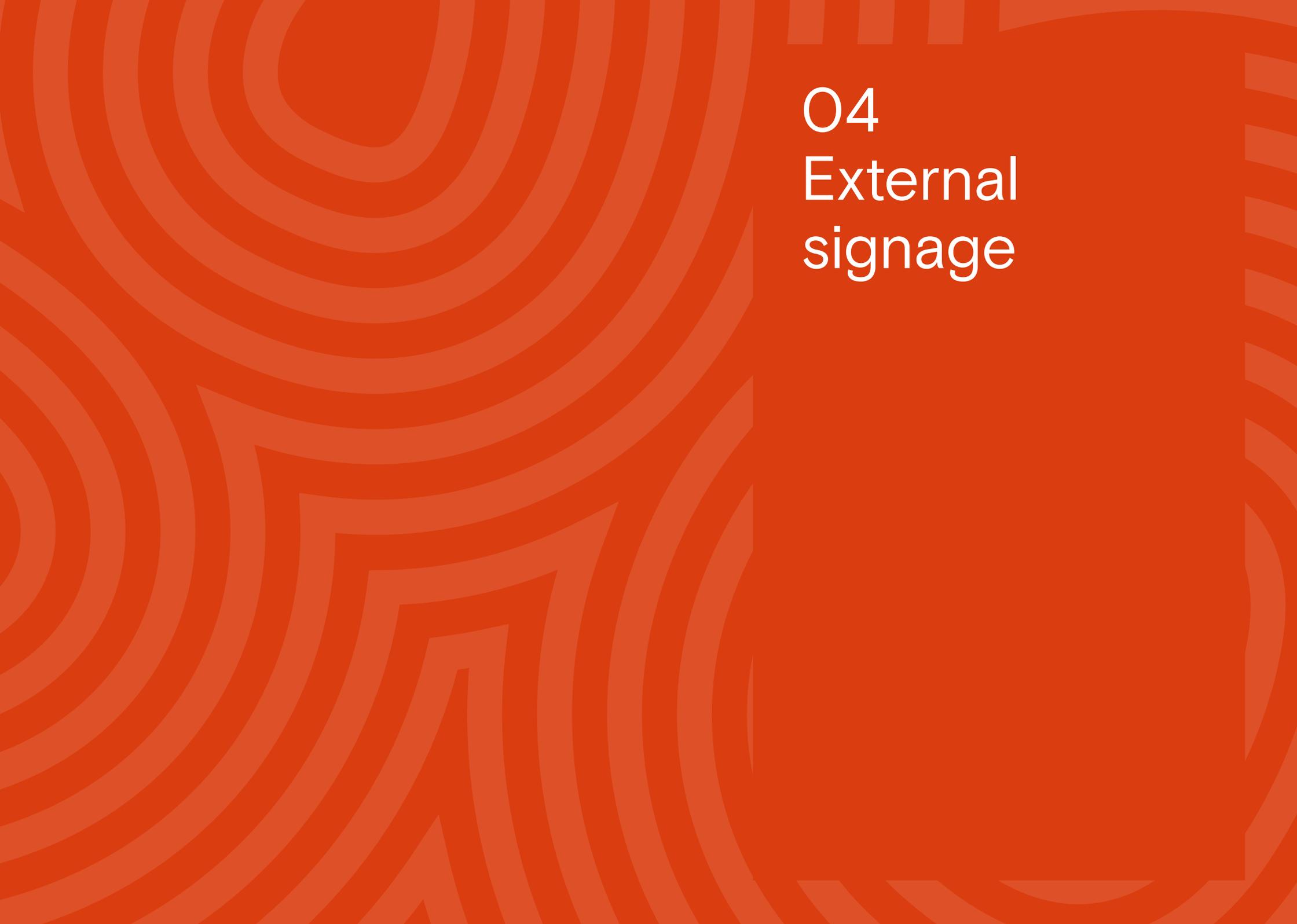
PAINT 2 PAC POLYURETHANE
(P)
POWDERCOAT
(PC)
VINYL OPAQUE
(VO)
VINYL REFLECTIVE
(VR)

<p>Light Orange PMS 2026c</p> <p>P1 2PAC PAINT TO MATCH PMS SATIN FINISH</p> <p>VO1 VINYL TO MATCH PMS</p> <p>SOLID VINYL MATCH AS FIRST PREFERENCE OVER A DIGITAL PRINT TO MATCH PMS</p>	<p>Dark Brown PMS 7531c</p> <p>P3 2PAC PAINT TO MATCH PMS SATIN FINISH</p> <p>VO3 VINYL TO MATCH PMS</p> <p>SOLID VINYL MATCH AS FIRST PREFERENCE OVER A DIGITAL PRINT TO MATCH PMS</p>	<p>White CO MO YO KO</p> <p>P5 2PAC PAINT TO MATCH DULUX 'NATURAL WHITE' - SW1F4 SATIN FINISH</p> <p>VO5 AVERY 900 SUPER CAST WHITE MATT (920)</p> <p>VR5 AVERY HIGH VISIBILITY SERIES HV 1200-101-R WHITE</p>	<p>Parking Blue PMS 2728c</p> <p>P6 2PAC PAINT TO MATCH PMS SATIN FINISH</p>
<p>Orange Graphic Language</p> <p>P2 2PAC PAINT TO MATCH DULUX 'SHOW BUSINESS' - S08G7 SATIN FINISH</p>	<p>Brown Graphic Language</p> <p>P4 2PAC PAINT TO MATCH DULUX 'SHIPWRECK' - S14C5 SATIN FINISH</p>		

Colours and finishes

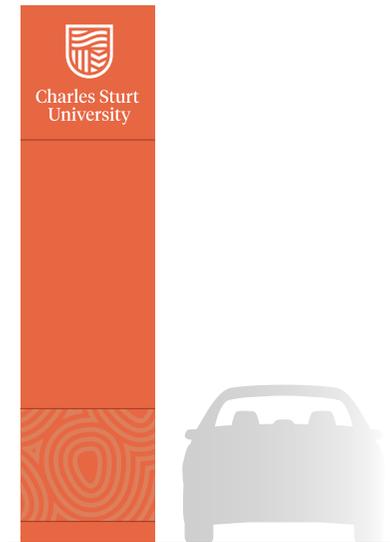
PAINT 2 PAC POLYURETHANE
(P)
POWDERCOAT
(PC)
VINYL OPAQUE
(VO)
VINYL REFLECTIVE
(VR)

<p>Accessible Blue PMS 7684c</p> <p>P7 2PAC PAINT TO MATCH PMS SATIN FINISH</p> <p>VO7 AVERY 900 SUPER CAST SWIMMING BLUE (979)</p>	<p>Black</p> <p>VO8 AVERY 900 SUPER CAST BLACK MATT (921)</p>	<p>Silver</p> <p>PC9 DULUX PRECIOUS - POWDERCOAT SHARP SILVER KINETIC PEARL 9717238K SATIN FINISH</p>	<p>Green</p> <p>V10 AVERY 900 SUPER CAST KELLY GREEN (908)</p>	<p>Red</p> <p>V11 AVERY 900 SUPER CAST CARDINAL RED (955)</p>	<p>Yellow PMS 123c</p> <p>P12 2PAC PAINT TO MATCH PMS SATIN FINISH</p>
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The background is a solid orange color with a complex, abstract pattern of concentric circles and wavy lines. The pattern is composed of multiple layers of these shapes, creating a sense of depth and movement. The lines are of varying thickness and curvature, some forming tight spirals while others are more loosely spaced. The overall effect is a dynamic, organic texture.

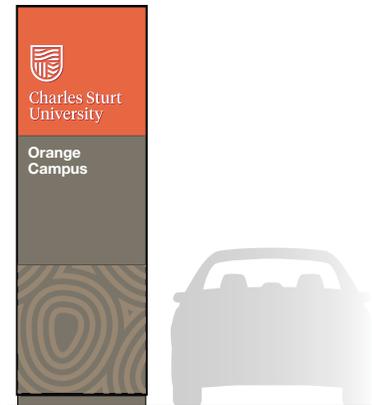
04 External signage

External signage suite



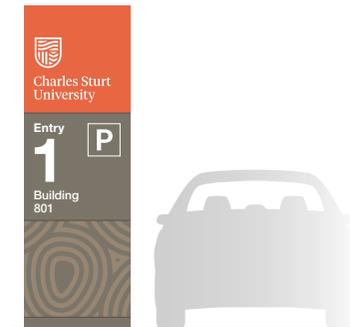
SIT **Site identification totem**
 Freestanding
 Double sided
 Illuminated

Large freestanding totem with Charles Sturt University logo and brand colour, used for high impact landmarking at campus boundaries and entries. Static or digital.



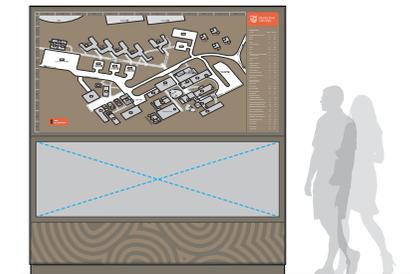
MET **Main entry totem**
 Freestanding
 Double sided
 Illuminated

Campus identification totem located at site boundaries or main campus entries. May include campus name and street address if required.



EIT **Entry identification totem**
 Freestanding
 Double sided
 Illuminated

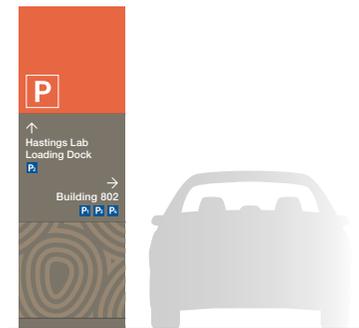
Entry identification signage located at all external campus entries. Where there are multiple entries they should be clearly numbered, with identification of parking and key destinations as required.



CDT **Campus directory totem**
 Freestanding
 Single sided
 Non-illuminated

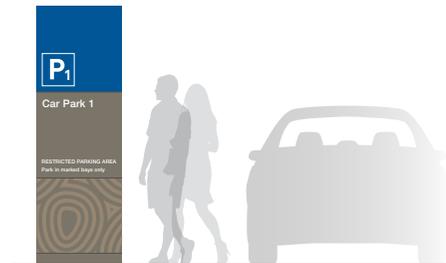
Large campus directory located near entries and key campus routes. Include a campus map (in heads-up orientation) and a directory of key campus destinations. Vehicle stopping bays should be provided where directories are located adjacent to roads.

External signage suite



VDT Vehicular directional totem
Freestanding
Single / Double sided
Non-illuminated

Directional signage for cars and cyclists on campus roads. For optimum visibility directional signage should be located to the left of roads adjacent to the path of travel, with single-sided content.



CP Car park entry
Freestanding
Double sided
Non-illuminated

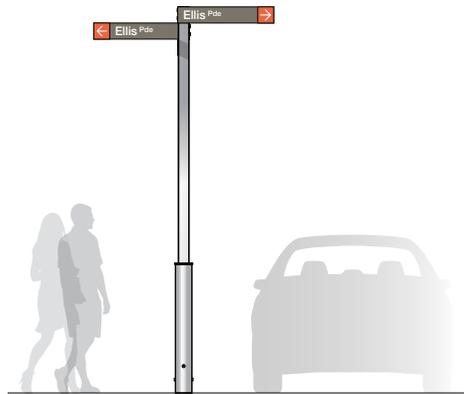
Identification signage located at car park entries. Signs should clearly indicate where parking is restricted for specific users (e.g. visitors, student or staff parking) or third-party tenants. May include car park numbering and/or VMS digital displays where required.



PS Parking signs
Freestanding
Single sided
Non-illuminated

Regulatory signage applied to car parks detailing restrictions, time limits and designated parking (e.g. permit or accessible parking).

External signage suite



VDF Vehicular directional finger
 Freestanding
 Double sided
 Non-illuminated

Finger blade signage located on campus roads identifying key vehicular / cyclist routes and destinations.



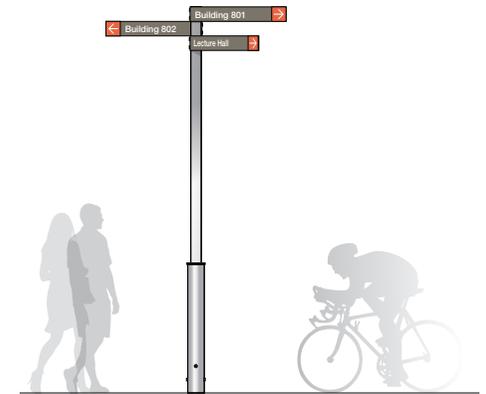
FST Fire safety totem
 Freestanding
 Single sided
 Non-illuminated

Displays fire hydrant plan of the campus to direct fire services to main campus Fire Indicator Panel and Booster Pump.



RRT Rules and regulations totem
 Freestanding
 Single sided
 Non-illuminated

Rules and regulations for the use of campus outdoor and recreational facilities.



PDF Pedestrian directional finger
 Freestanding
 Double sided
 Non-illuminated

Finger blade signage within campus grounds identifying key pedestrian routes and destinations.

External signage suite



IDT **Information directory totem**
 Freestanding
 Double sided
 Non-illuminated

Highlights information points on campus, with campus maps (in heads-up orientation) and directions to key destinations. Located on main pedestrian routes and points of orientation (e.g. campus entries, car parks).



PDT **Pedestrian directional totem**
 Freestanding
 Double sided
 Non-illuminated

Pedestrian signage directing to key campus destinations.



BP **Bike parking**
 Freestanding
 Double sided
 Non-illuminated

Identifies designated bike parking on campus.

CCTV **CCTV totem**
 Freestanding
 Double sided
 Non-illuminated

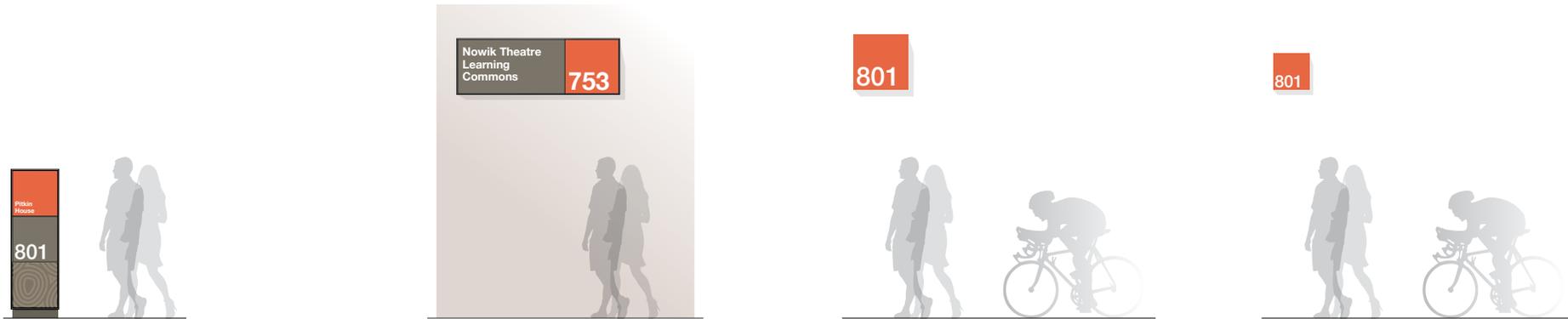
Identifies the use of CCTV cameras in the area.



BS **Bus stop**
 Freestanding
 Double sided
 Non-illuminated

Identifies bus stops on or outside campuses, with timetables and route information.

External signage suite



BIT **Building identification totem**
 Freestanding
 Single / Double sided
 Non-illuminated

Freestanding totem where wall mounted signage is not suitable. Identifies building number, name and/or third-party tenancies (where applicable). Signage should be positioned for clear visibility from key pathways, highlighting the location of building entries.

BNN-M **Building name / number identification (medium)**
 Wall mounted
 Single sided
 Non-illuminated

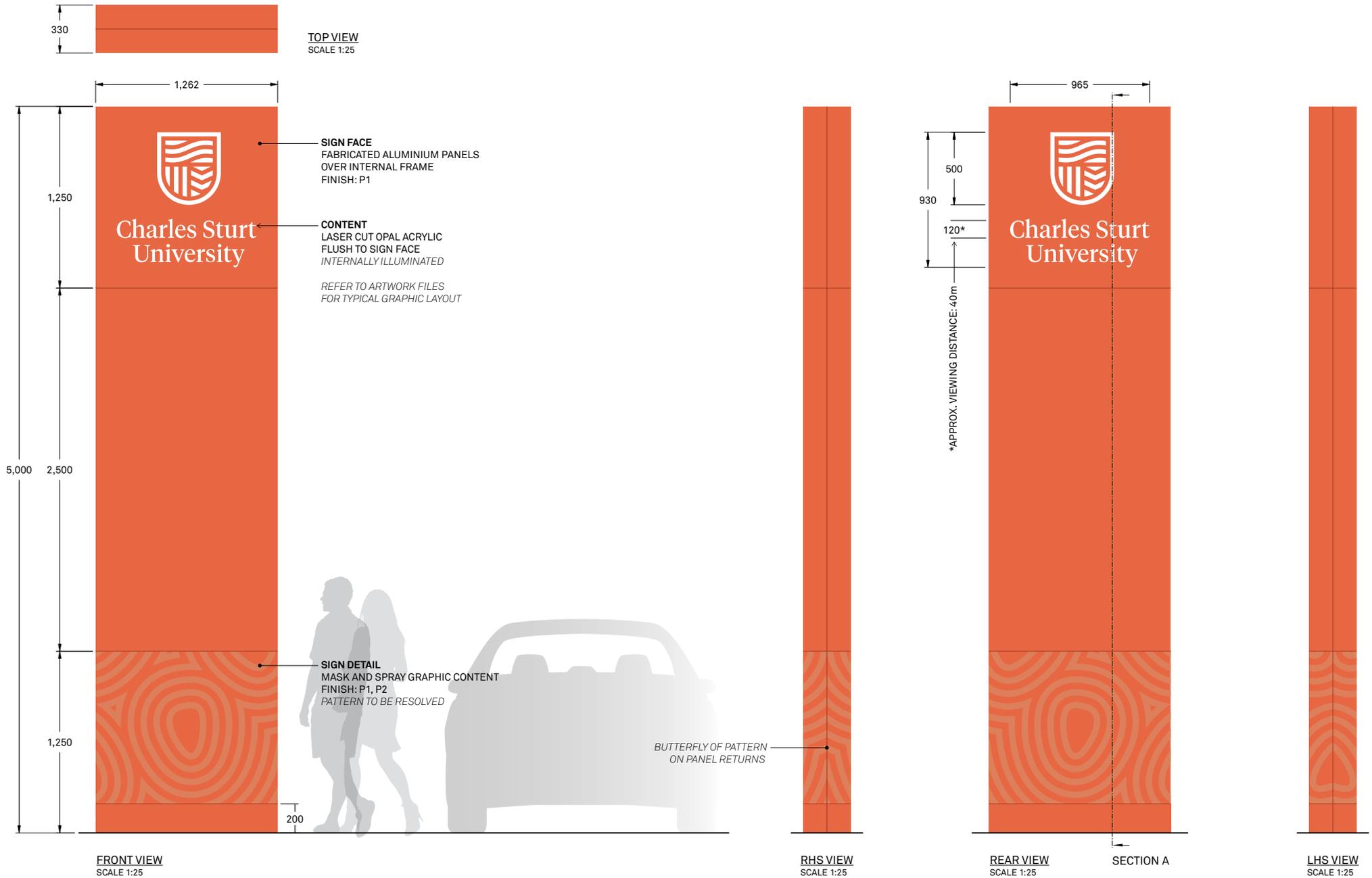
Identifies building number and/or name (where applicable). Signage should be positioned for clear visibility from key pathways, highlighting the location of building entries.

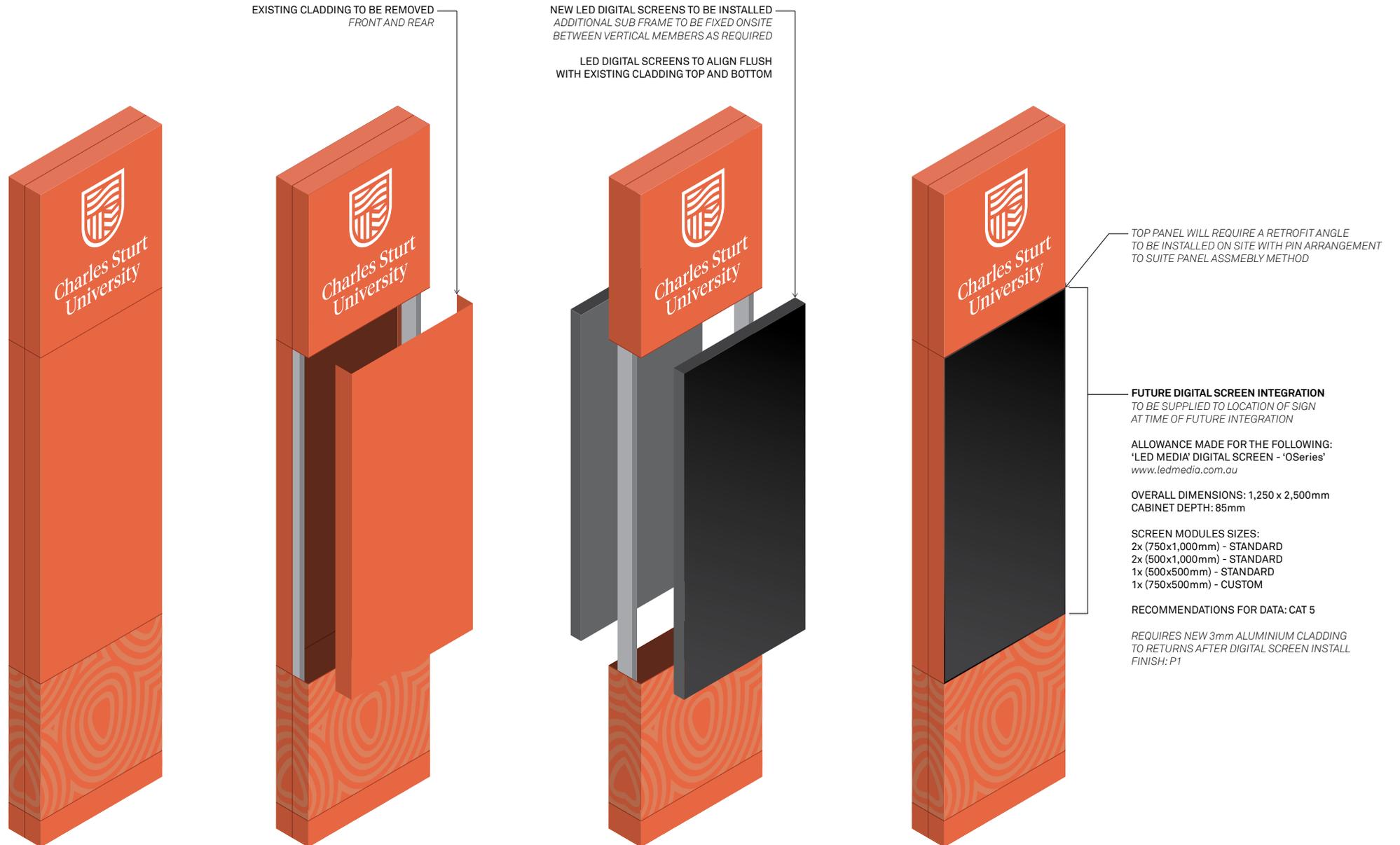
BN-M **Building number identification (medium)**
 Wall mounted
 Single sided
 Non-illuminated

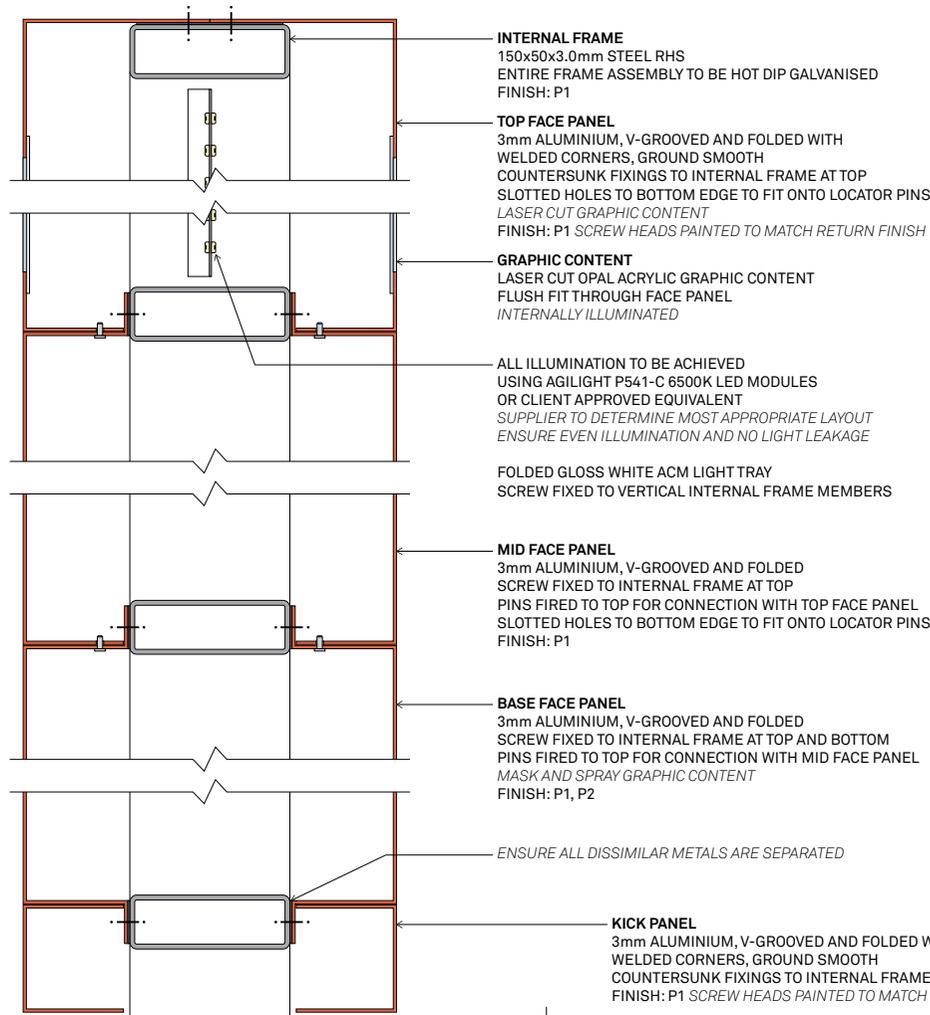
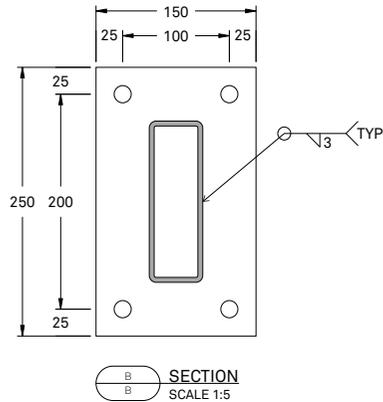
Identifies building number. Signage should be positioned for clear visibility from key pathways, highlighting the location of building entries.

BN-S **Building number identification (small)**
 Wall mounted
 Single sided
 Non-illuminated

Identifies building number. Signage should be positioned for clear visibility from key pathways, highlighting the location of building entries.





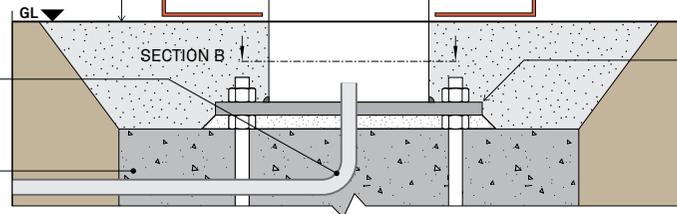


NOTE
ADDITIONAL COUNTERSUNK FIXINGS LOCATED ON RETURNS AS REQUIRED
ENSURE EVEN DISTRIBUTION OF FIXINGS AND ALIGNMENT ACROSS PANEL JOINS
ALL SCREW HEADS PAINTED TO MATCH RETURN FINISH

ENSURE FOOTINGS ARE FINISHED BELOW GROUND LEVEL
TO ALLOW FOR NON-SHRINK TOPPING GROUT

POWER AND DATA TO BE RUN TO LOCATION OF SIGNAGE THROUGH CONDUIT, FOR CONNECTION BY SIGN CONTACTOR
POWER AND DATA TO BE ROUTED THROUGH STRUCTURE
ENSURE ACCESSABLE POWER ISOLATION THROUGH KICK PANEL

FOOTING SHOWN INDICATIVELY
TO BE DEVELOPED/CERTIFIED BY CONTRACTORS ENGINEERS TO SUIT SITE CLIMATIC AND SOIL CONDITIONS

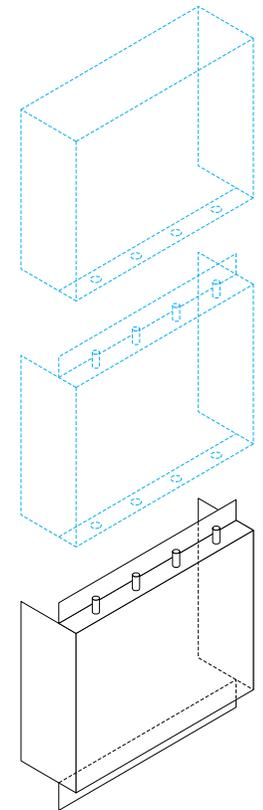


SECTION A-A
SCALE 1:5

BASE PLATE
12mm STEEL PLATE
WELDED TO INTERNAL FRAME
FIXED TO CONCRETE FOOTING
NON-SHRINK GROUT (THICKNESS TO SUIT LEVELING NUTS)

CAST ALLTHREAD RODS
INTO CAST CONCRETE FOOTING

ALL BASE PLATE, FIXING AND FOOTING
DETAILS SUBJECT TO CONTRACTORS
ENGINEERS SPECIFICATIONS



INDICATIVE PANEL ASSEMBLY
NOT TO SCALE

FRAMEWORK

FABRICATED 150X50X3 ALUMINIUM
INTERNAL FRAMEWORK
10mm SIDE PLATE, RHS, ANGLE CONSTRUCTION.
BOLTED DOWN TO CONCRETE FOOTING
(HIDDEN WITH LANDSCAPING)

REMOVABLE TOP PLATE

(TO ALLOW ACCESS TO ILLUMINATED TOP PANEL)
FINISH: PC9

SIGN PANELS

INSET FROM EDGE 20mm
4mm ACM SIGN PANELS
FINISH: P1, P3, P4

TOP FACE PANEL

LASER CUT OPAL ACRYLIC
CHARLES STURT LOGO (EXPRESSED 6mm)
INTERNALLY ILLUMINATED

MID FACE PANEL

COMPUTER CUT VINYL (UNDER CLEAR COAT)
FINISH: VR5

BASE FACE PANEL

MASK AND SPRAY GRAPHIC CONTENT
FINISH: P3, P4
PATTERN TO BE RESOLVED

CLEAR COAT

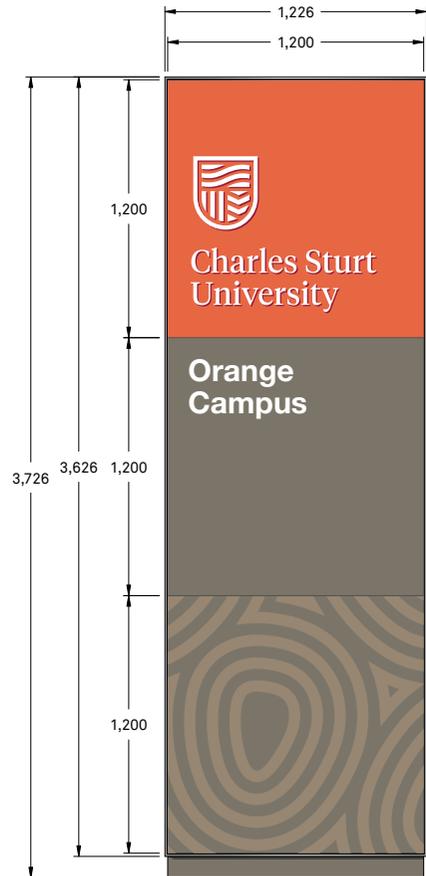
ANTI GRAFFITI COATING TO ALL PANELS
(SPEC TBC)

100mm DEEP KICK PANEL

FINISH: P3

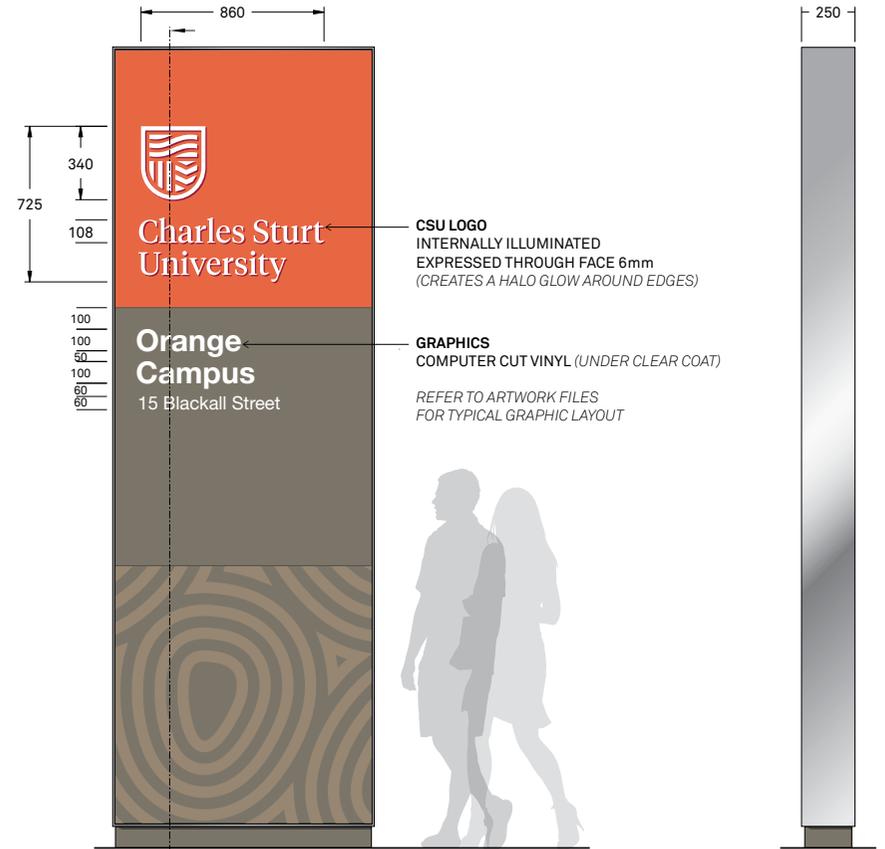


TOP VIEW
SCALE 1:25



FRONT VIEW
SCALE 1:25

Campus name



SECTION A

Campus name & Campus address

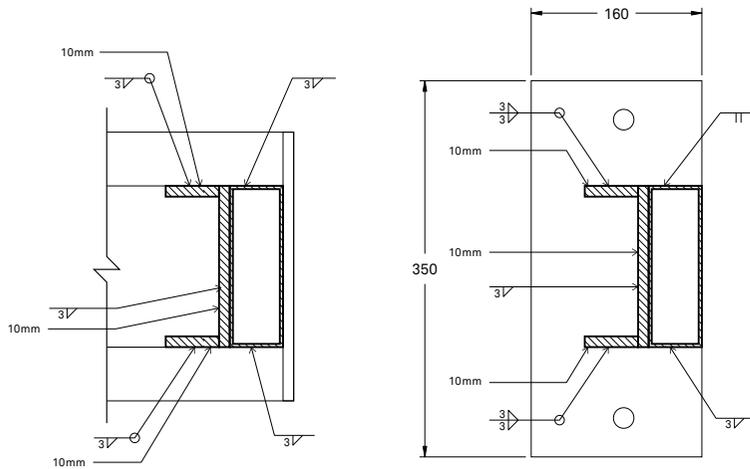


SIDE VIEW
SCALE 1:25

REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION

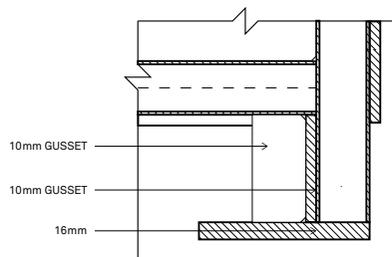
Recommendations:

- Increase size to 4m or 5m to increase legibility
- Update fabrication methods to match new signage standards with: (refer to 'EIT' for similar details)
 - Simplified construction and assembly
 - Remove aluminium outer trim
 - Steel internal frame (currently aluminium)
 - Charles Sturt Logo flush to face not expressed
 - Illuminate content on middle sign panels

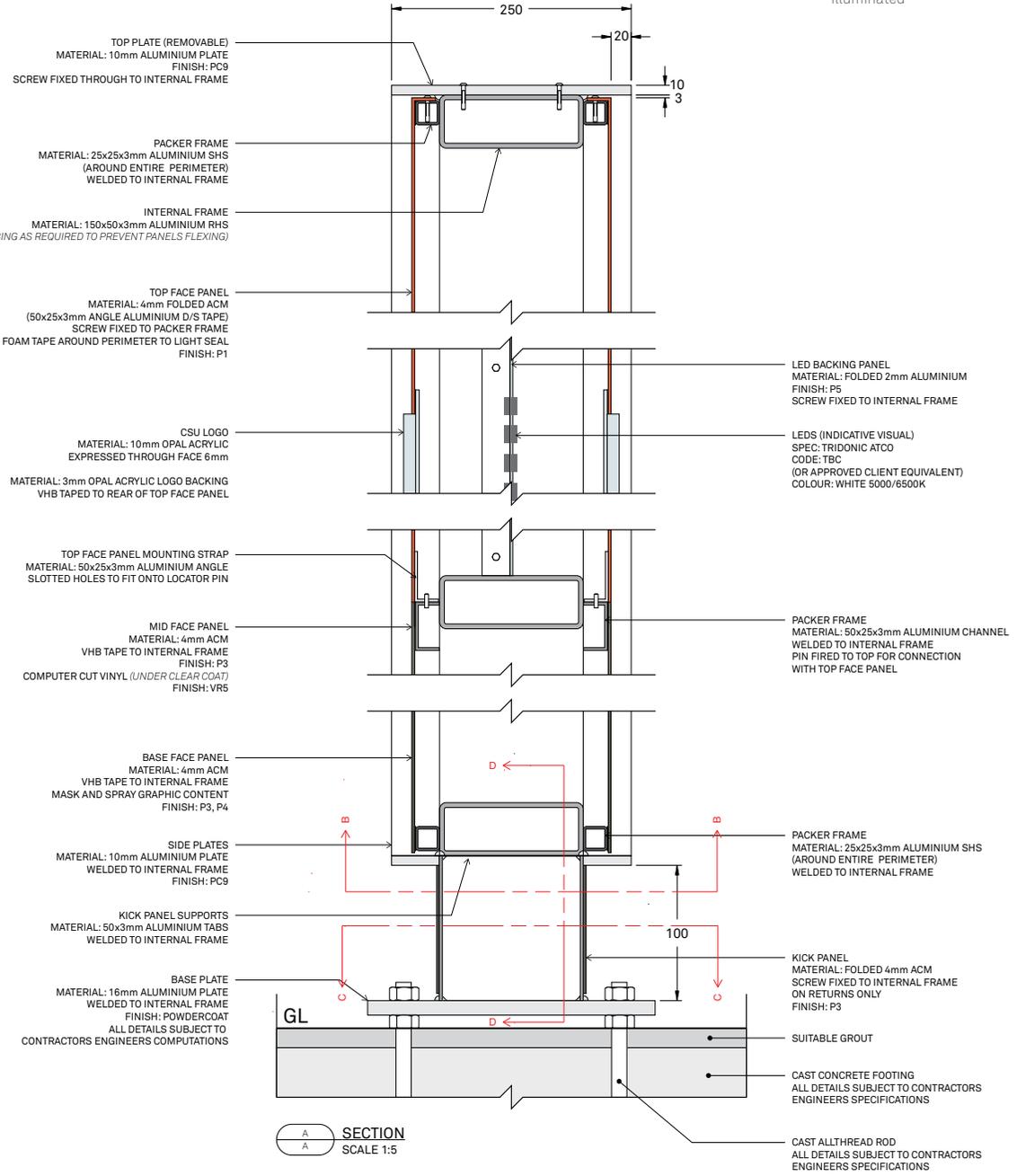


B SECTION
B SCALE 1:5

C SECTION
C SCALE 1:5



D SECTION
D SCALE 1:5



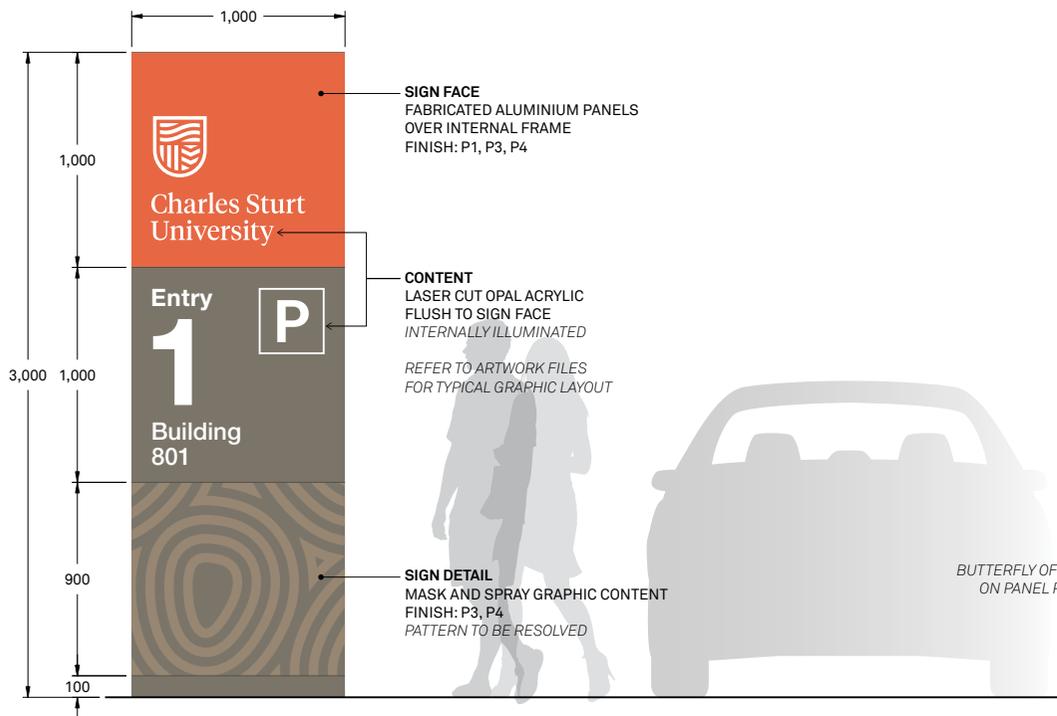
REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION

Recommendations:

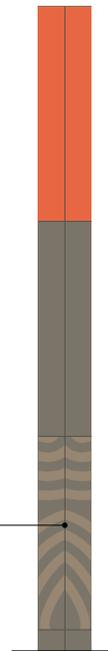
- Increase size to 4m or 5m to increase legibility
- Update fabrication methods to match new signage standards with: (refer to 'EIT' for similar details)
 - Simplified construction and assembly
 - Remove aluminium outer trim
 - Steel internal frame (currently aluminium)
 - Charles Sturt Logo flush to face not expressed
 - Illuminate content on middle sign panels



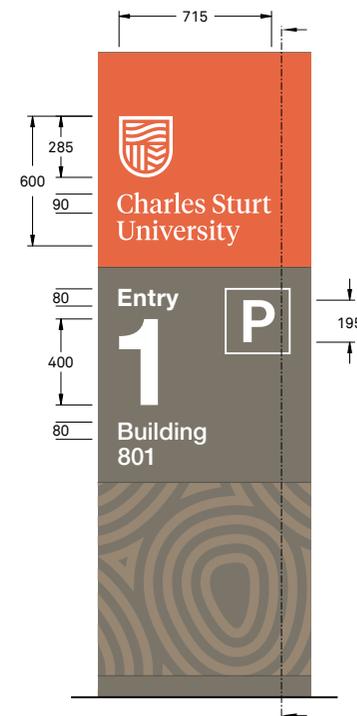
TOP VIEW
SCALE 1:25



FRONT VIEW
SCALE 1:25

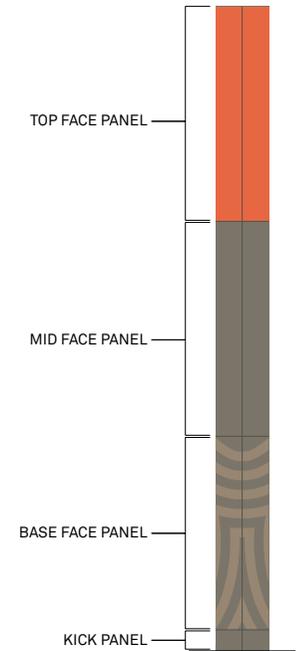


RHS VIEW
SCALE 1:25



REAR VIEW
SCALE 1:25

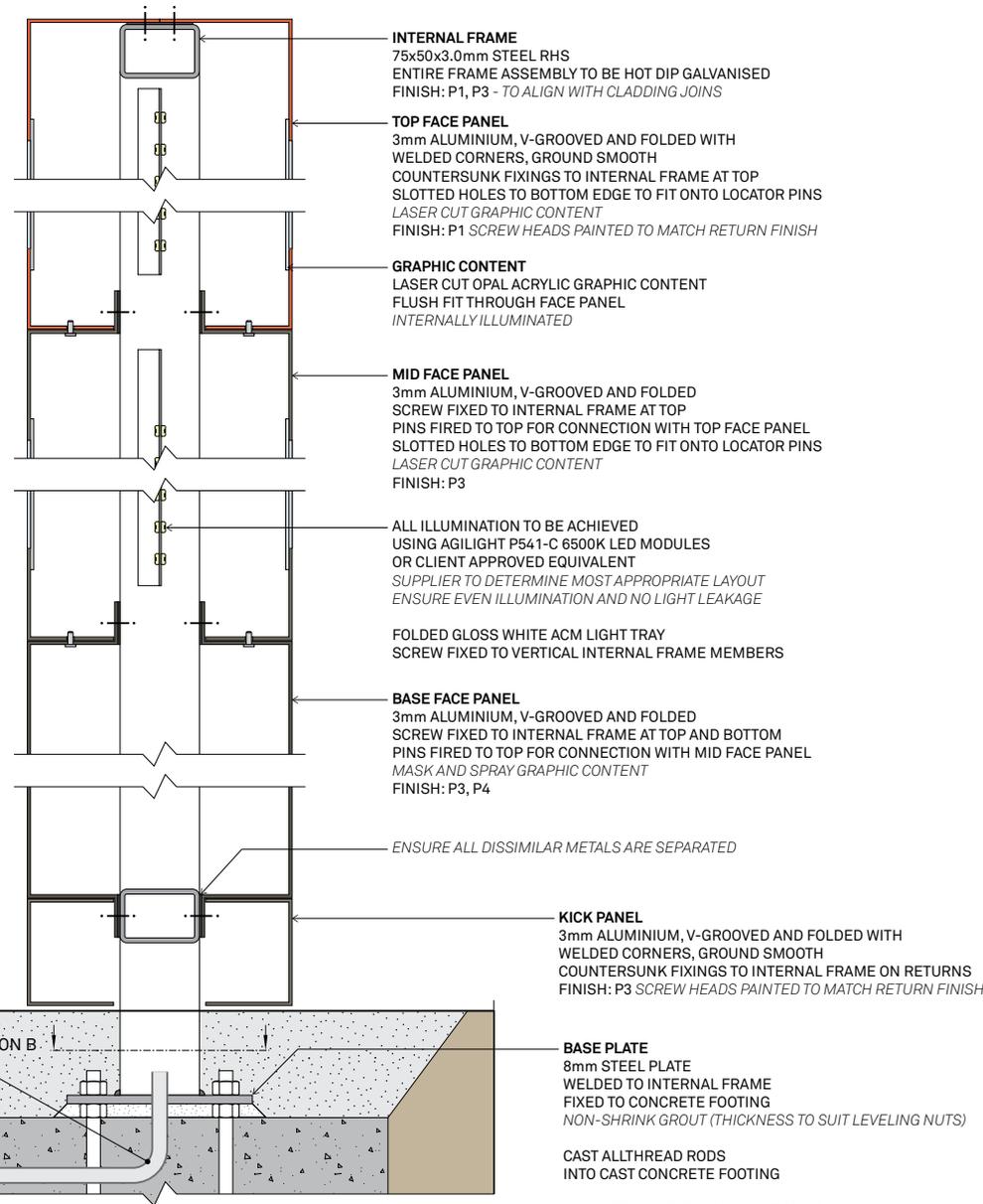
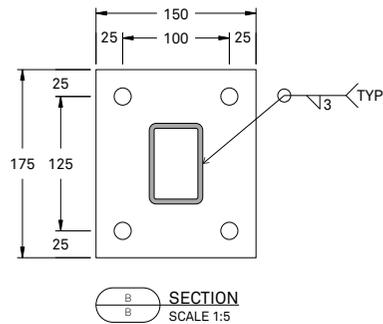
SECTION A



LHS VIEW
SCALE 1:25



ALTERNATE LAYOUTS
SCALE 1:25



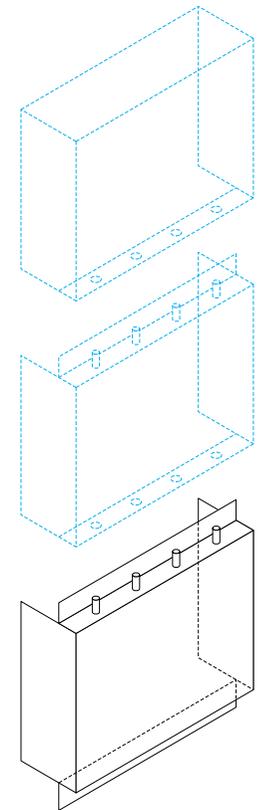
NOTE
ADDITIONAL COUNTERSUNK FIXINGS LOCATED ON RETURNS AS REQUIRED
ENSURE EVEN DISTRIBUTION OF FIXINGS AND ALIGNMENT ACROSS PANEL JOINS
ALL SCREW HEADS PAINTED TO MATCH RETURN FINISH

ENSURE FOOTINGS ARE FINISHED BELOW GROUND LEVEL
TO ALLOW FOR NON-SHRINK TOPPING GROUT

POWER AND DATA TO BE RUN TO LOCATION OF SIGNAGE THROUGH CONDUIT, FOR CONNECTION BY SIGN CONTACTOR
POWER AND DATA TO BE ROUTED THROUGH STRUCTURE
ENSURE ACCESSABLE POWER ISOLATION THROUGH KICK PANEL

FOOTING SHOWN INDICATIVELY TO BE DEVELOPED/CERTIFIED BY CONTRACTORS ENGINEERS TO SUIT SITE CLIMATIC AND SOIL CONDITIONS

ALL BASE PLATE, FIXING AND FOOTING DETAILS SUBJECT TO CONTRACTORS ENGINEERS SPECIFICATIONS



FRAMEWORK

FABRICATED 150X50X3 ALUMINIUM
INTERNAL FRAMEWORK
10mm SIDE PLATE, RHS, ANGLE CONSTRUCTION.
BOLTED DOWN TO CONCRETE FOOTING
(HIDDEN WITH LANDSCAPING)

REMOVABLE TOP PLATE

(TO ALLOW SIGNS PANELS TO BE ACCESSED)
FINISH: PC9

SIGN PANELS

INSET FROM EDGE 20mm
4mm ACM SIGN PANELS
FINISH: P3, P4

TOP FACE PANEL

DIGITALLY PRINTED MAP GRAPHIC TO 4mm ACM

MID SECTION

INTERIM TRAVELLER POSTER DISPLAY
OR APPROVED EQUIVALENT
FINISH: P3
DIGITAL PRINT TO BE INSERTED BEHIND

BASE FACE PANEL

MASK AND SPRAY GRAPHIC CONTENT
FINISH: P3, P4
PATTERN TO BE RESOLVED

CLEAR COAT

ANTI GRAFFITI COATING TO ALL PANELS
(SPEC TBC)

100mm DEEP KICK PANEL

FINISH: P3

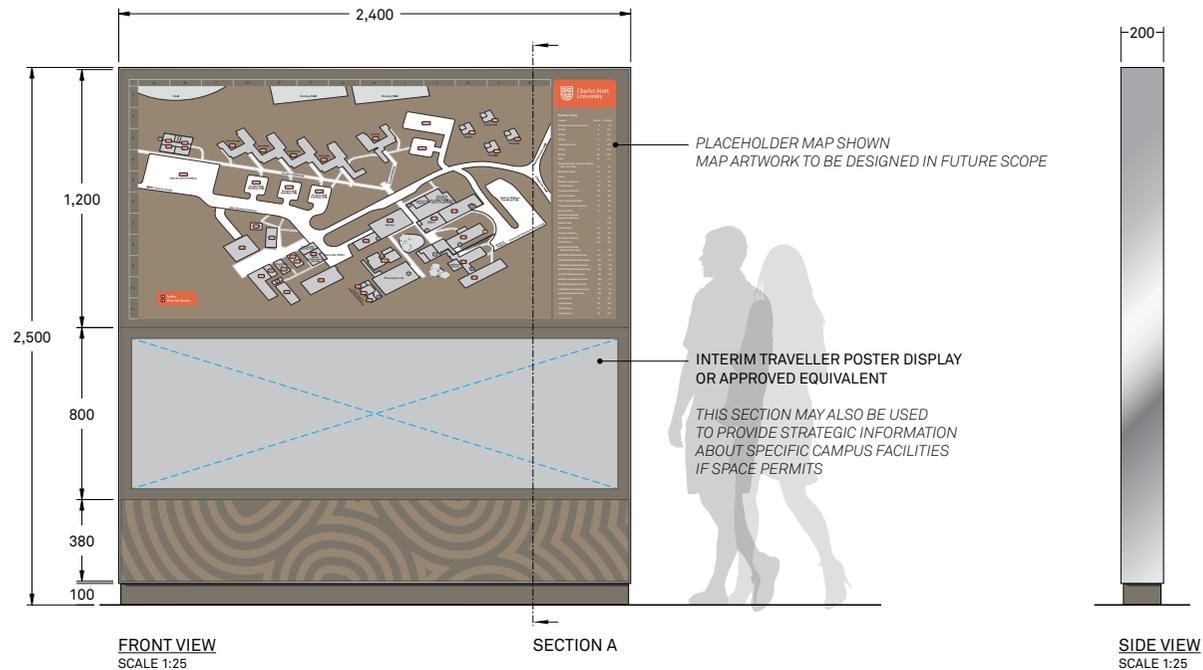
REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION

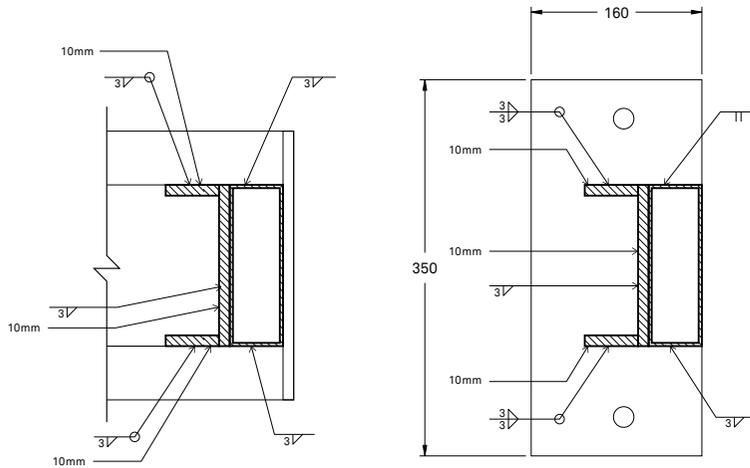
Recommendations:

- Reduce height of sign to increase map legibility
- Align map height and content with recommended viewing zones for pedestrians (ref AS 1428.2)
- Update fabrication methods to match new signage standards with: (refer to 'EIT' for similar details)
 - Simplified construction and assembly
 - Remove aluminium outer trim
 - Steel internal frame (currently aluminium)
 - Remove poster display zone



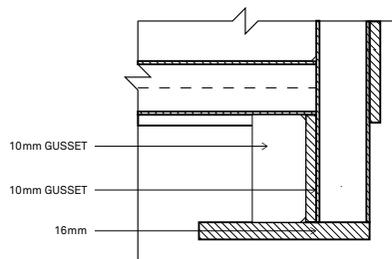
TOP VIEW
SCALE 1:25





SECTION B SCALE 1:5

SECTION C SCALE 1:5

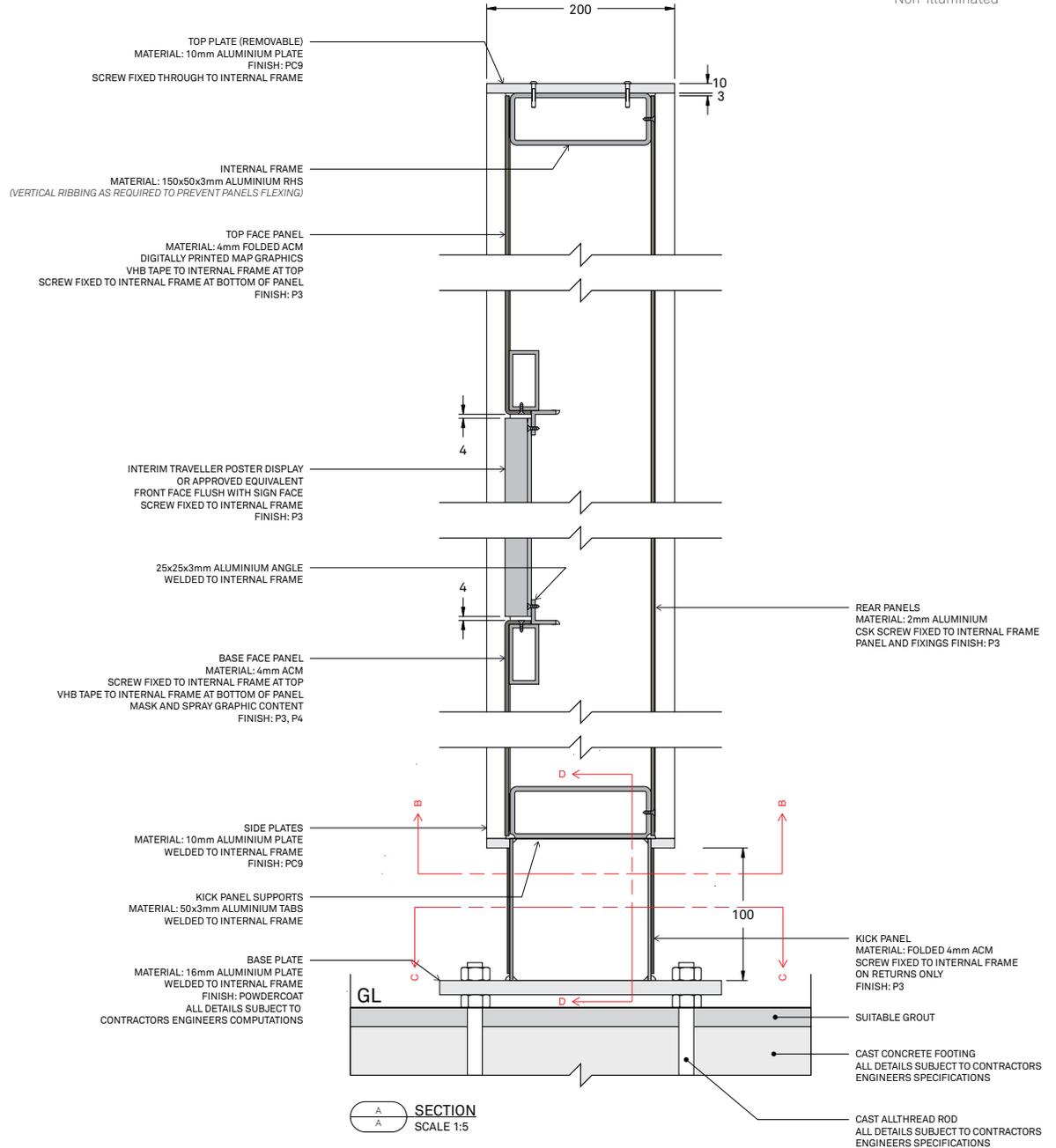


SECTION D SCALE 1:5

REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION

Recommendations:

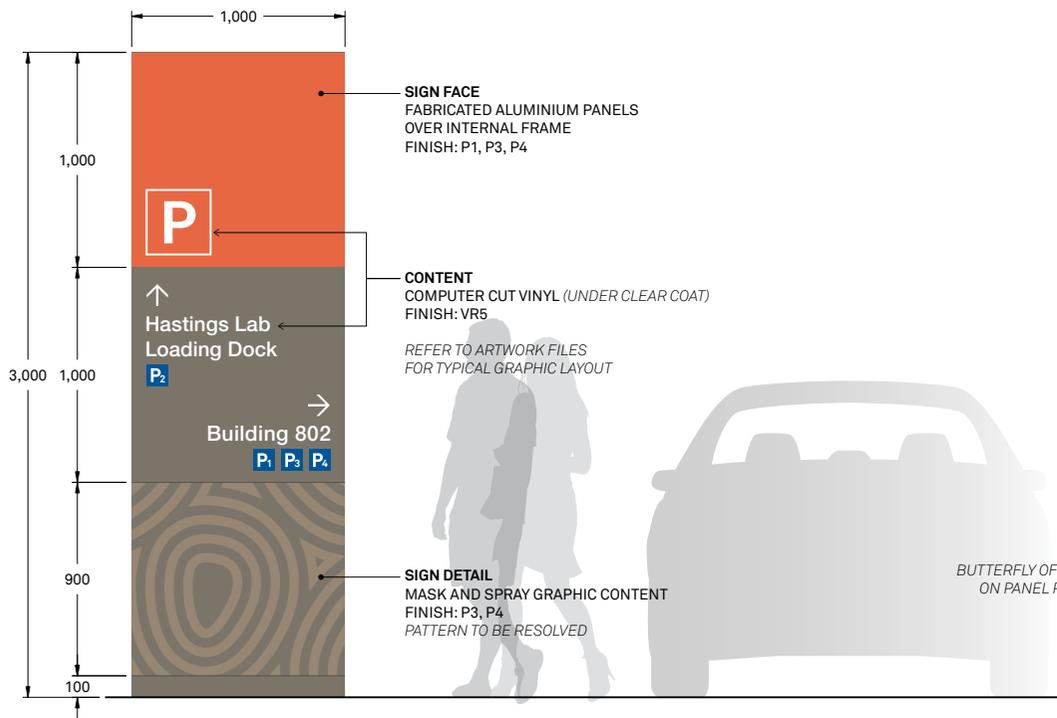
- Reduce height of sign to increase map legibility
- Align map height and content with recommended viewing zones for pedestrians (ref AS 1428.2)
- Update fabrication methods to match new signage standards with: (refer to 'EIT' for similar details)
 - Simplified construction and assembly
 - Remove aluminium outer trim
 - Steel internal frame (currently aluminium)
 - Remove poster display zone



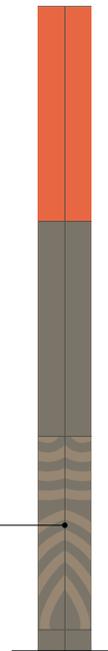
SECTION A SCALE 1:5



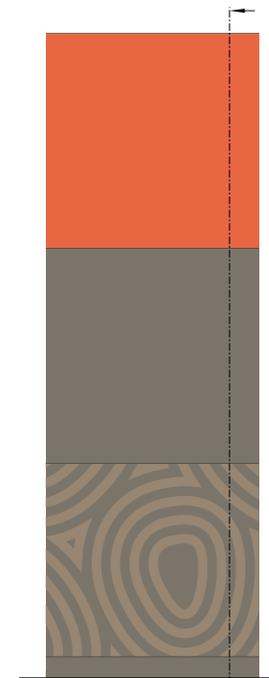
TOP VIEW
SCALE 1:25



FRONT VIEW
SCALE 1:25



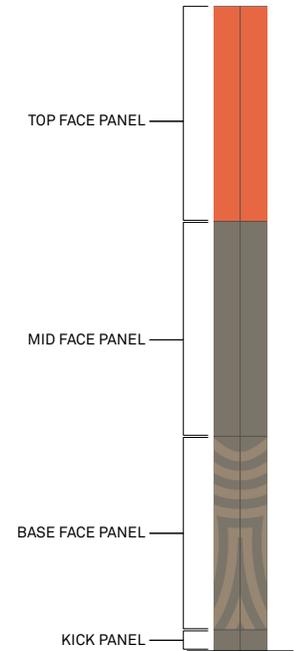
RHS VIEW
SCALE 1:25



REAR VIEW
SCALE 1:25



SECTION A



LHS VIEW
SCALE 1:25

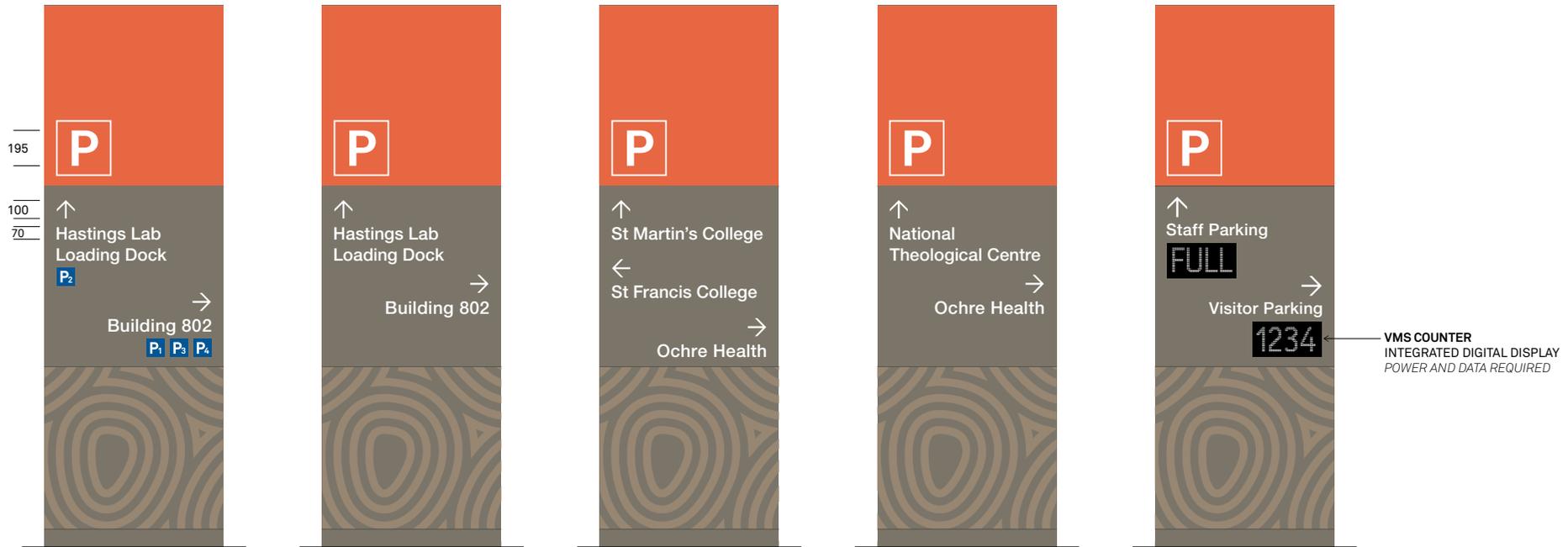
Parking pictogram
 Destination names
 Car park numbering

Parking pictogram
 Destination names

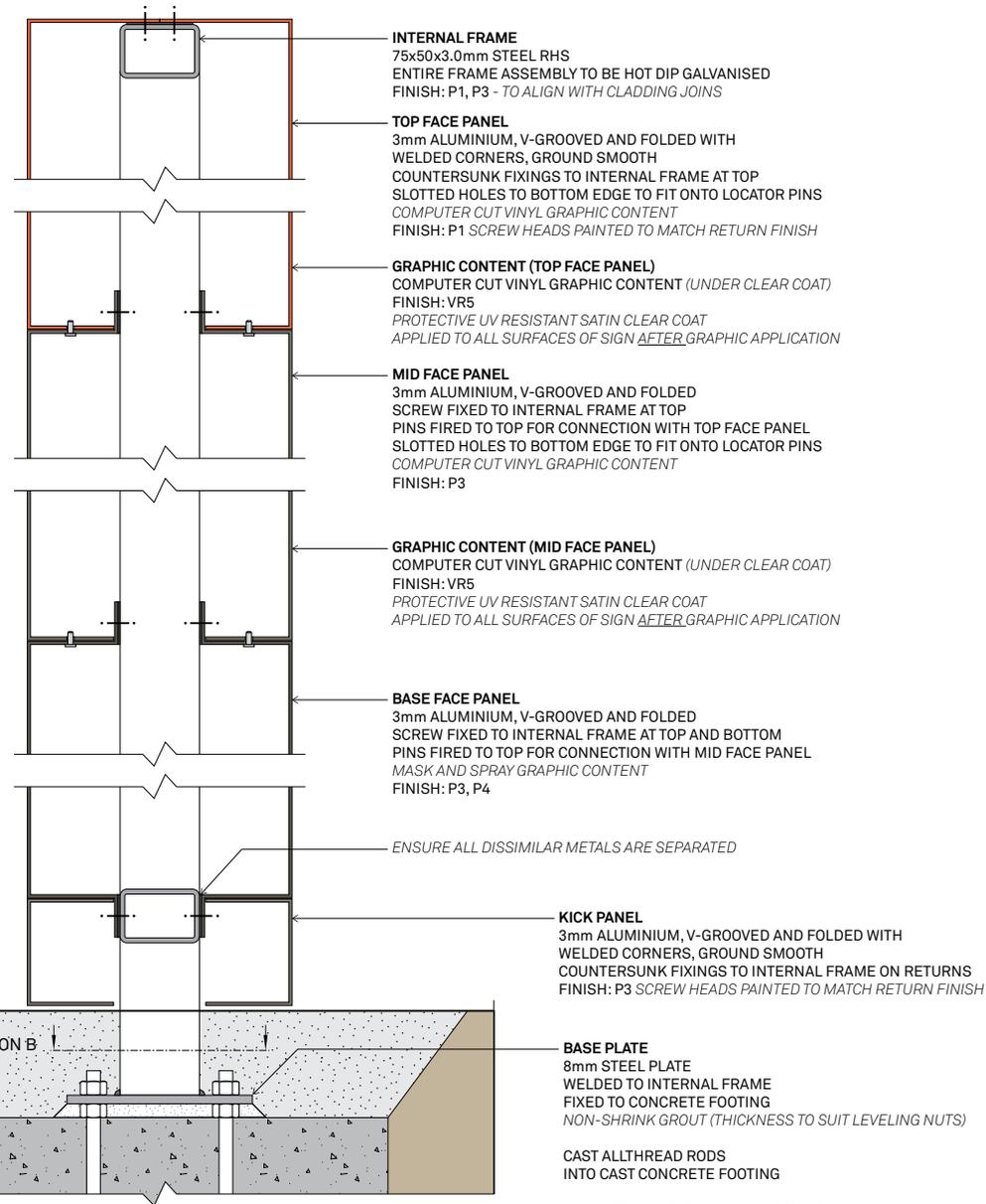
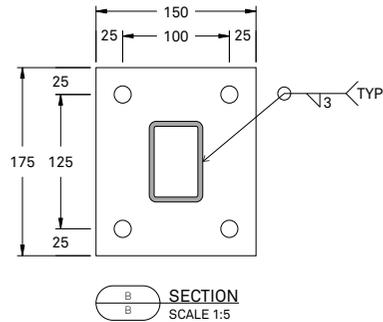
Parking pictogram
 Destination names
 Third party names

Parking pictogram
 Destination names
 Third party names

Parking pictogram
 Destination names
 VMS Counter



ALTERNATE LAYOUTS
 SCALE 1:25

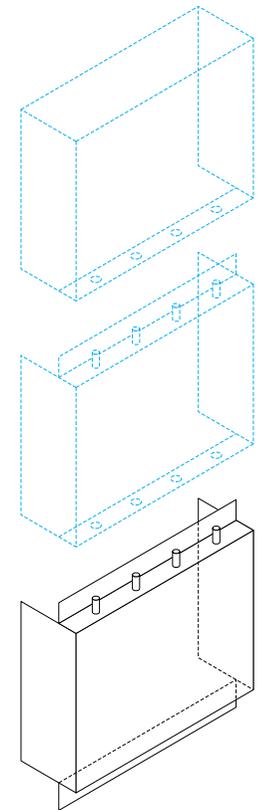


NOTE
ADDITIONAL COUNTERSUNK FIXINGS LOCATED ON RETURNS AS REQUIRED
ENSURE EVEN DISTRIBUTION OF FIXINGS AND ALIGNMENT ACROSS PANEL JOINS
ALL SCREW HEADS PAINTED TO MATCH RETURN FINISH

ENSURE FOOTINGS ARE FINISHED BELOW GROUND LEVEL
TO ALLOW FOR NON-SHRINK TOPPING GROUT

FOOTING SHOWN INDICATIVELY
TO BE DEVELOPED/CERTIFIED BY CONTRACTORS
ENGINEERS TO SUIT SITE CLIMATIC AND SOIL CONDITIONS

SECTION A SCALE 1:5

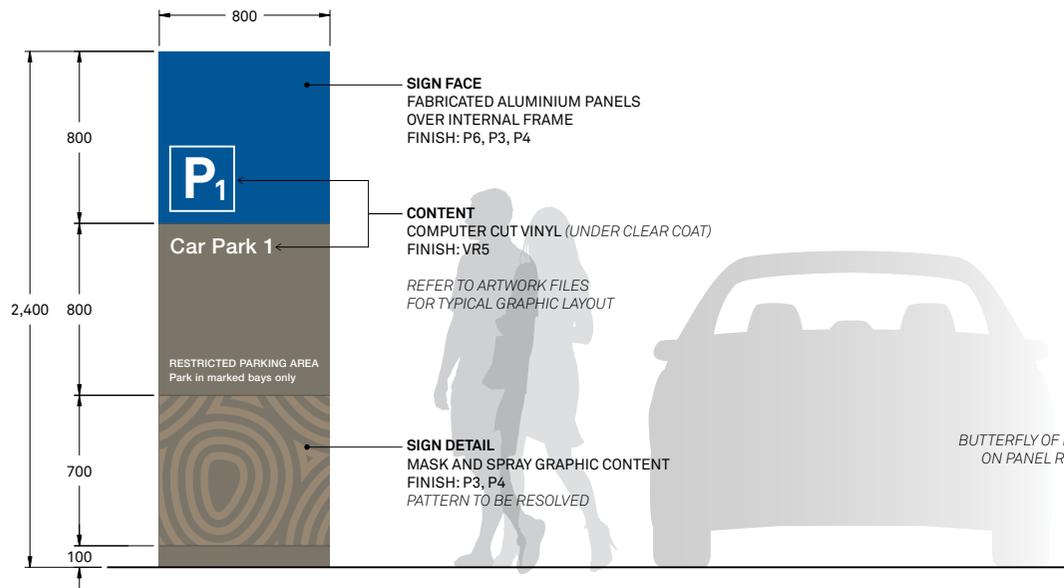


INDICATIVE PANEL ASSEMBLY
NOT TO SCALE

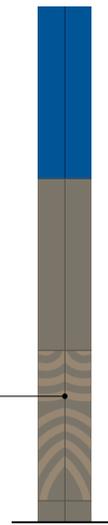
ALL BASE PLATE, FIXING AND FOOTING
DETAILS SUBJECT TO CONTRACTORS
ENGINEERS SPECIFICATIONS



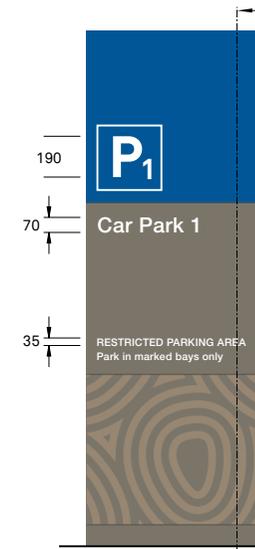
TOP VIEW
SCALE 1:25



FRONT VIEW
SCALE 1:25

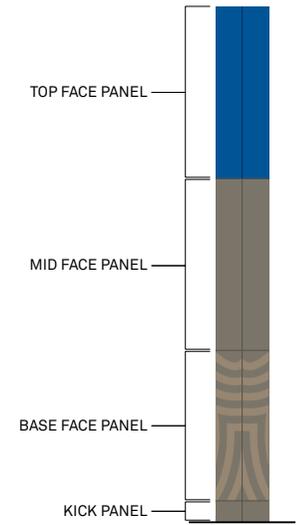


RHS VIEW
SCALE 1:25



REAR VIEW
SCALE 1:25

SECTION A



LHS VIEW
SCALE 1:25

Parking pictogram with number
Car park name / number
Restricted parking area

Parking pictogram with number
Car park name / number
Restricted parking area

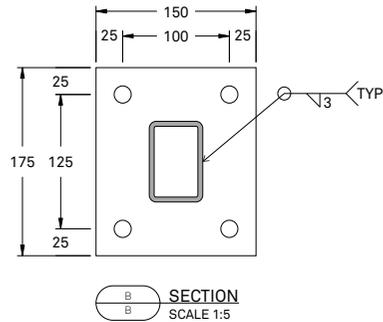
Parking pictogram with number
Car park name / number
Restricted parking area

Parking pictogram with number
Car park name / number
Third party names
Restricted parking area

Parking pictogram with number
Car park name / number
Third party names
VMS counter
Restricted parking area

Parking pictogram
No content

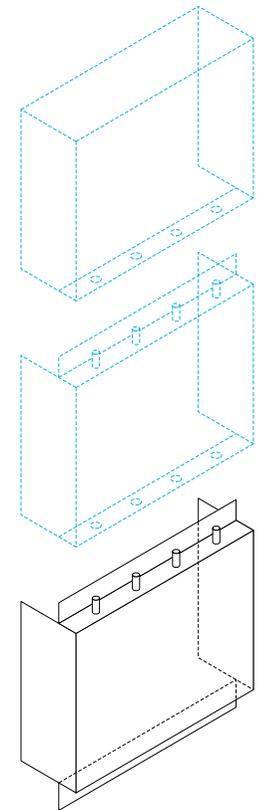
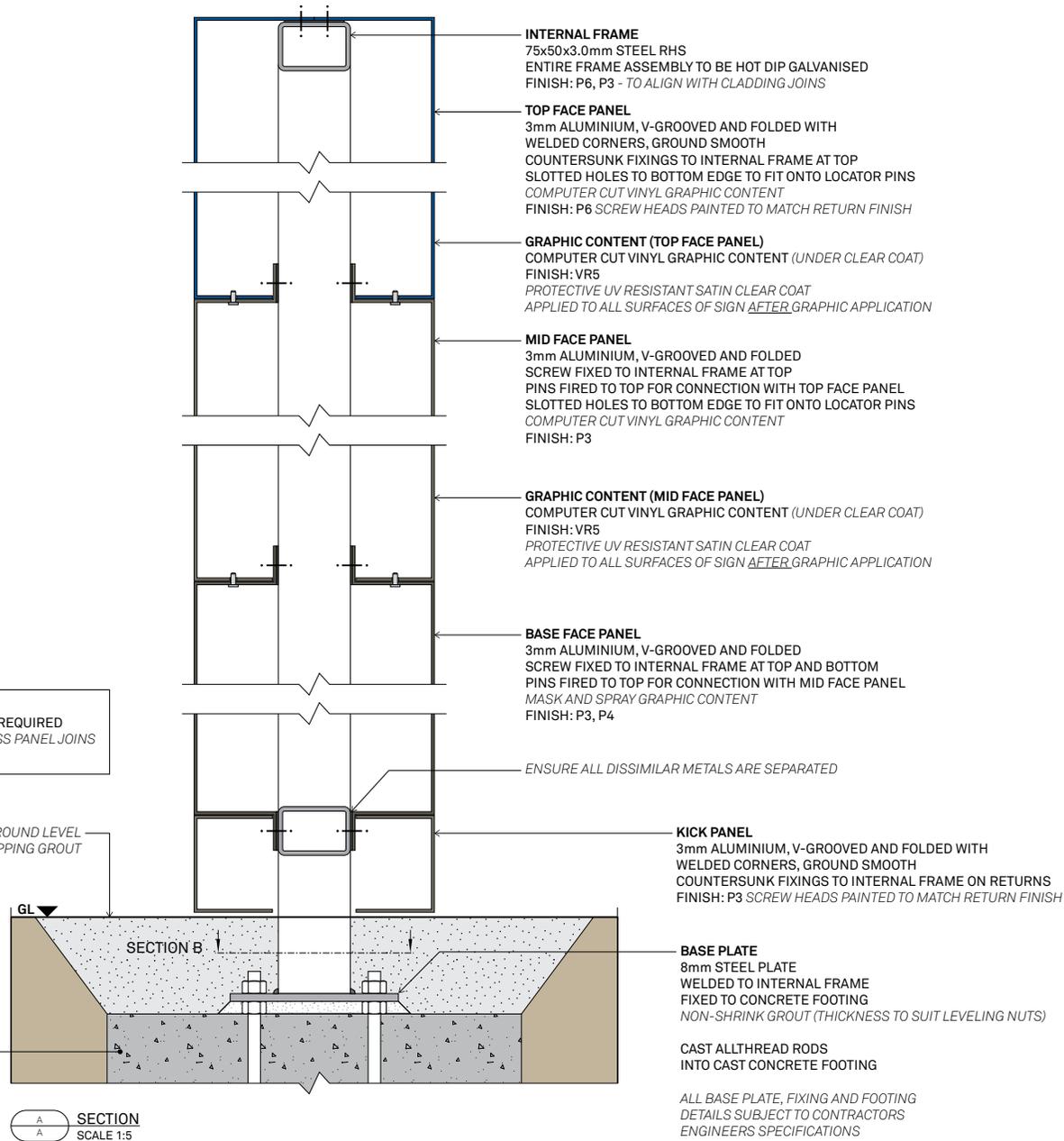




NOTE
ADDITIONAL COUNTERSUNK FIXINGS LOCATED ON RETURNS AS REQUIRED
ENSURE EVEN DISTRIBUTION OF FIXINGS AND ALIGNMENT ACROSS PANEL JOINS
ALL SCREW HEADS PAINTED TO MATCH RETURN FINISH

ENSURE FOOTINGS ARE FINISHED BELOW GROUND LEVEL
TO ALLOW FOR NON-SHRINK TOPPING GROUT

FOOTING SHOWN INDICATIVELY
TO BE DEVELOPED/CERTIFIED BY CONTRACTORS
ENGINEERS TO SUIT SITE CLIMATIC AND SOIL CONDITIONS



INDICATIVE PANEL ASSEMBLY
NOT TO SCALE

SIGN FACE

3mm ALUMINIUM PANEL

FINISH: P5

GRAPHICS

COMPUTER CUT VINYL (*UNDER CLEAR COAT*)

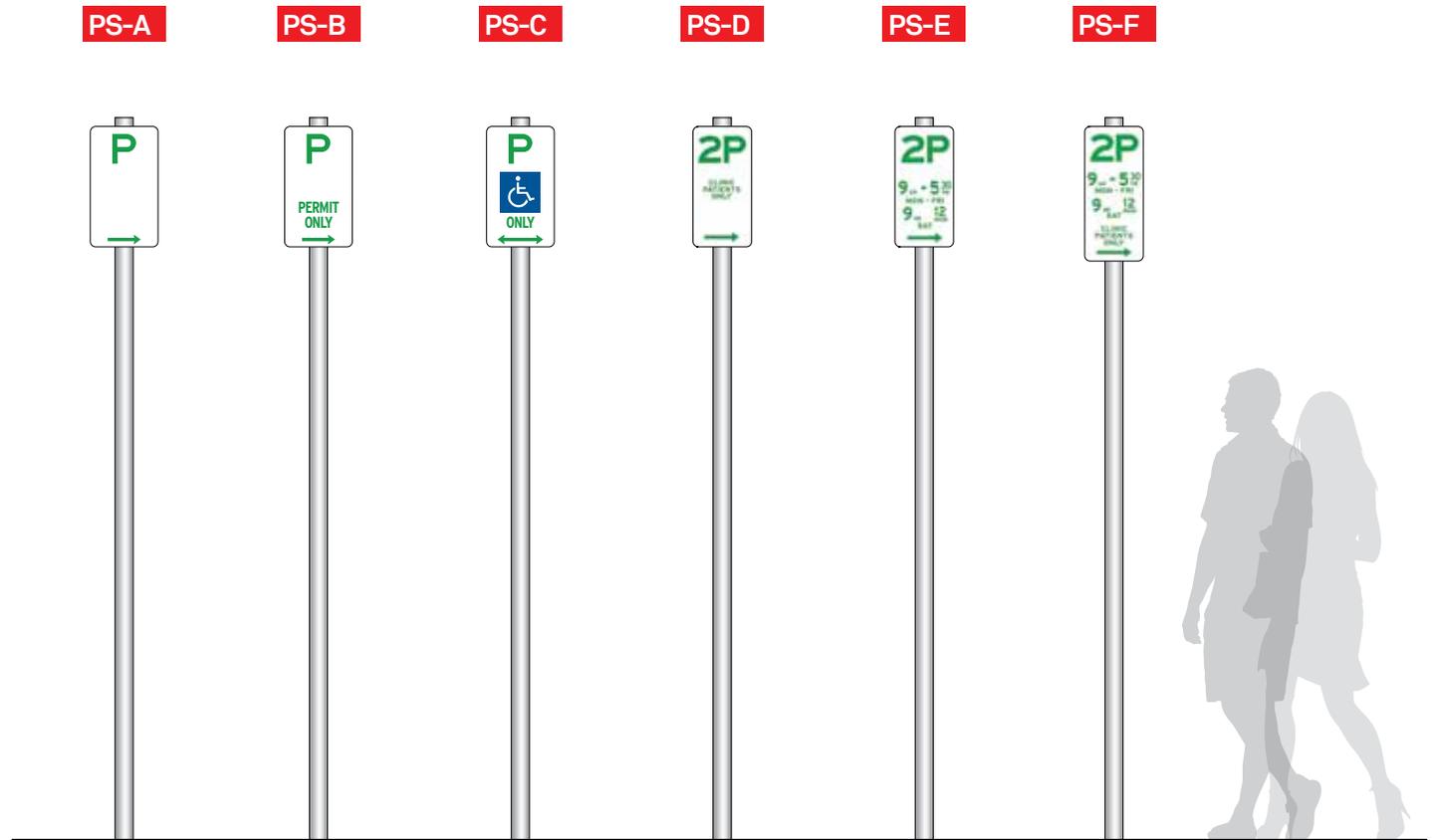
FINISH TO MATCH: VO7, VO8, VO10, VO11

REFLECTIVE VINYLs TO MATCH AS REQUIRED

CLEAR COAT

ANTI GRAFFITI COATING TO ALL PANELS

(SPEC TBC)



ALTERNATE LAYOUTS
SCALE 1:20

SIGN FACE

3mm ALUMINIUM PANEL

FINISH: P5

GRAPHICS

COMPUTER CUT VINYL (*UNDER CLEAR COAT*)

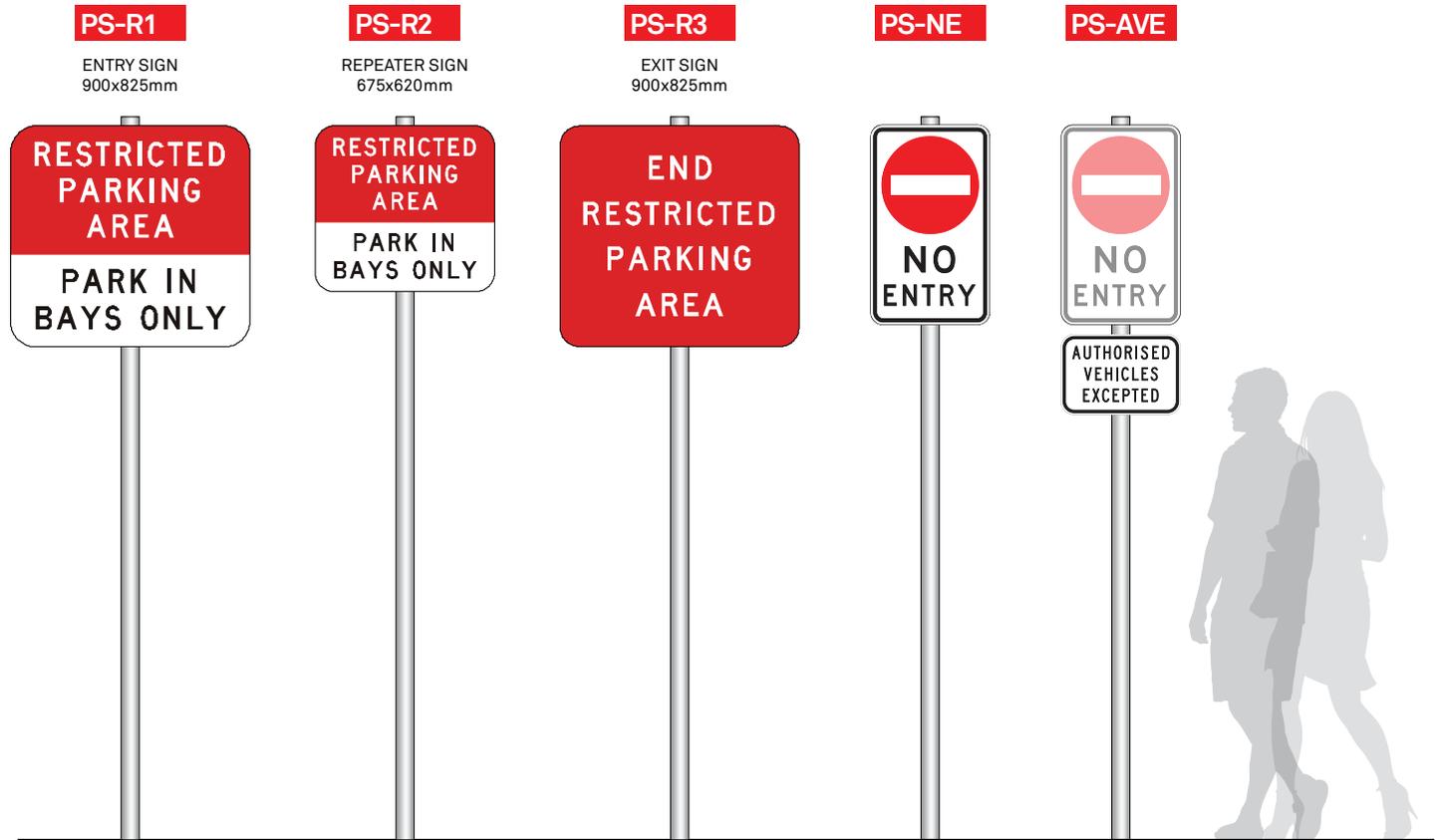
FINISH TO MATCH: VO7, VO8, VO10, VO11

REFLECTIVE VINYLs TO MATCH AS REQUIRED

CLEAR COAT

ANTI GRAFFITI COATING TO ALL PANELS

(SPEC TBC)



ALTERNATE LAYOUTS
 SCALE 1:20



Parking sign
 Freestanding
 Single sided
 Non-illuminated

SIGN FACE

3mm ALUMINIUM PANEL

FINISH: P5

GRAPHICS

COMPUTER CUT VINYL (*UNDER CLEAR COAT*)

FINISH TO MATCH: VO7, VO8, VO10, VO11

REFLECTIVE VINYLs TO MATCH AS REQUIRED

CLEAR COAT

ANTI GRAFFITI COATING TO ALL PANELS

(SPEC TBC)

225X500mm



adjust spacing to suit contents
 as per request

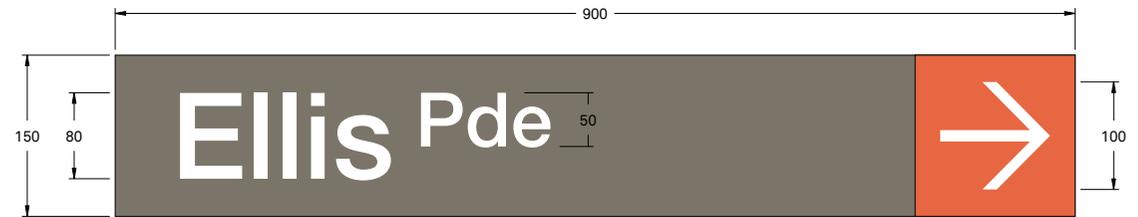
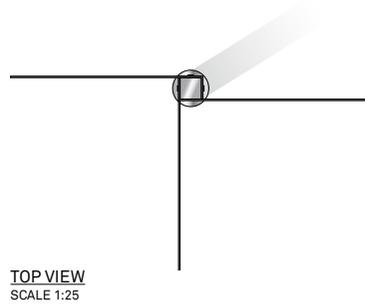
225X450mm



225X450mm



spacing and design as per
 RTA specifications(AS 1742.11) set-up



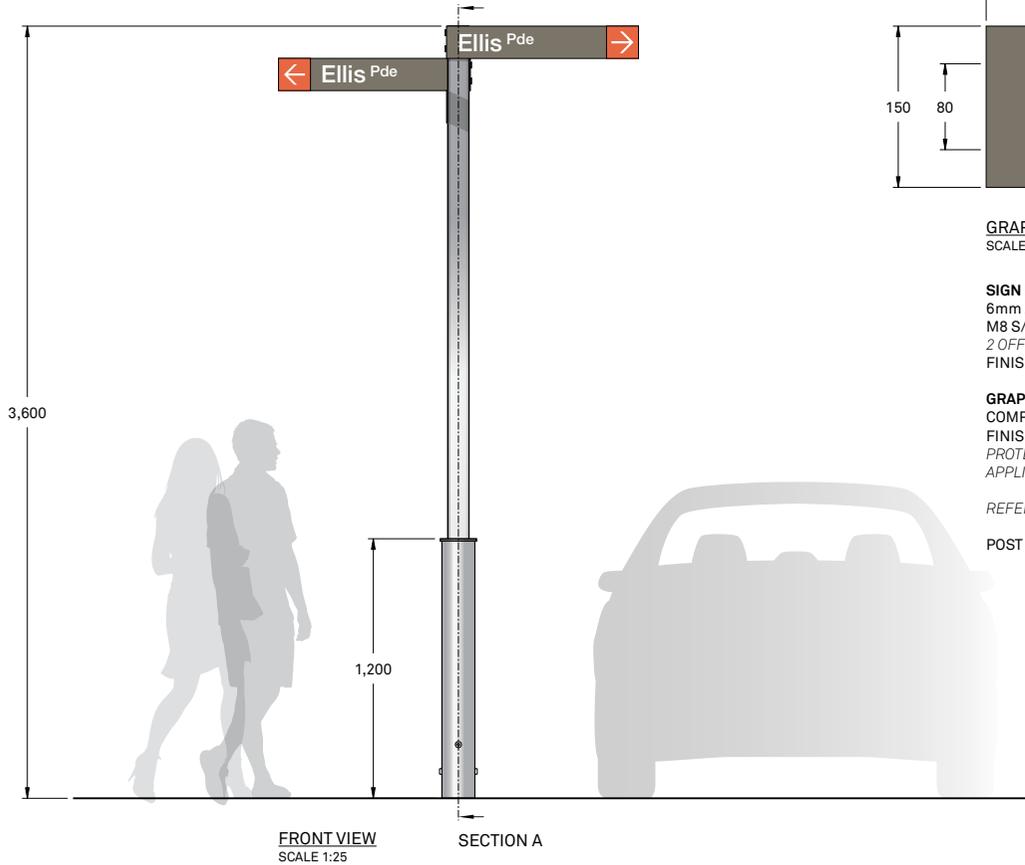
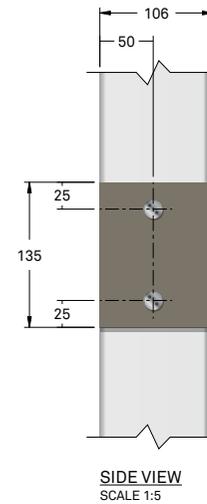
GRAPHIC LAYOUT
SCALE 1:5

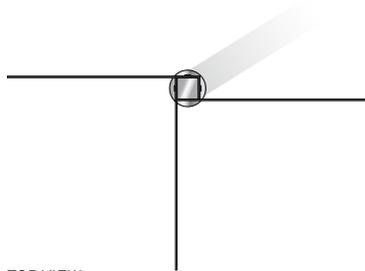
SIGN BLADE
6mm ALUMINIUM, V-GROOVED AND FOLDED
M8 S/S EYE DRIVE SECURITY FIXINGS TO INTERNAL FRAME
2 OFF FIXINGS PER BLADE
FINISH: P1, P3

GRAPHIC CONTENT (TOP FACE PANEL)
COMPUTER CUT VINYL GRAPHIC CONTENT (UNDER CLEAR COAT)
FINISH: VR5
PROTECTIVE UV RESISTANT SATIN CLEAR COAT
APPLIED TO ALL SURFACES OF SIGN AFTER GRAPHIC APPLICATION

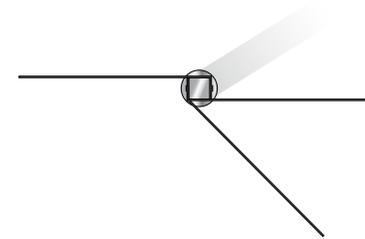
REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

POST AND BOLLARD AS PER SECTION DETAIL

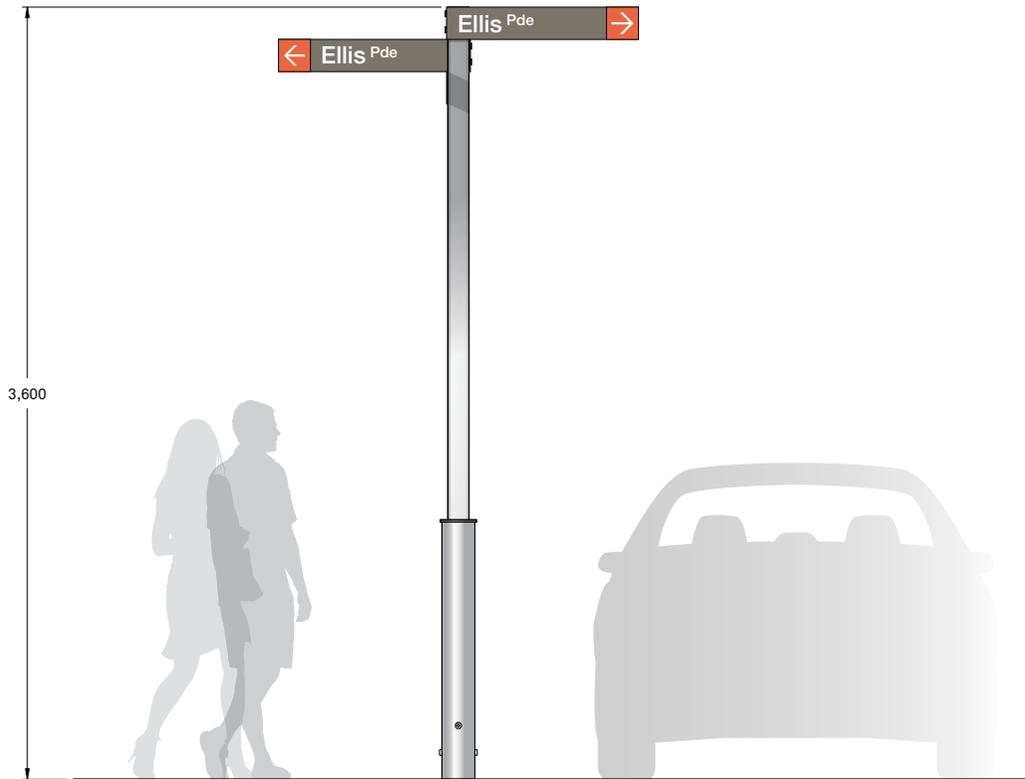




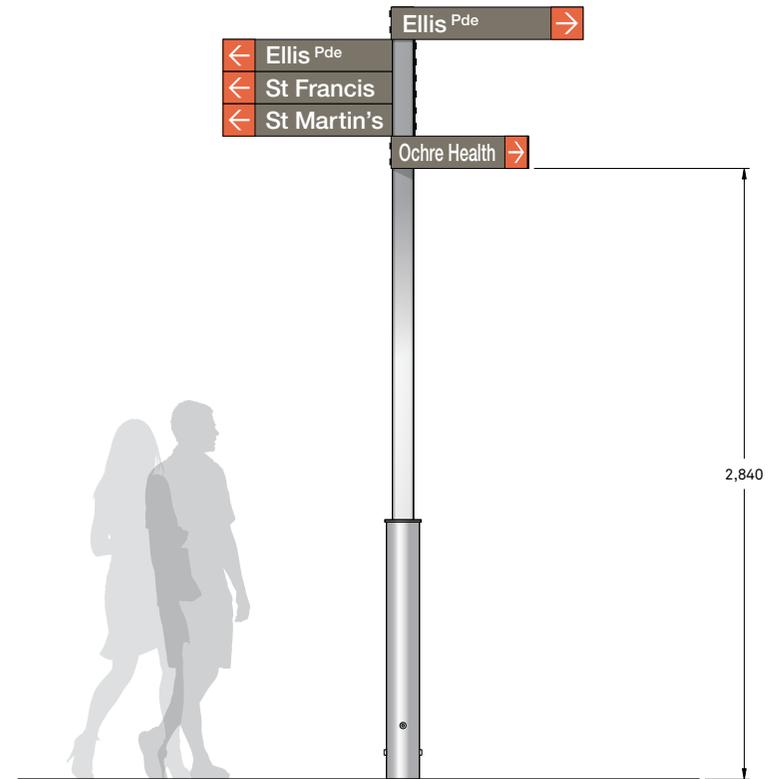
TOP VIEW
SCALE 1:25



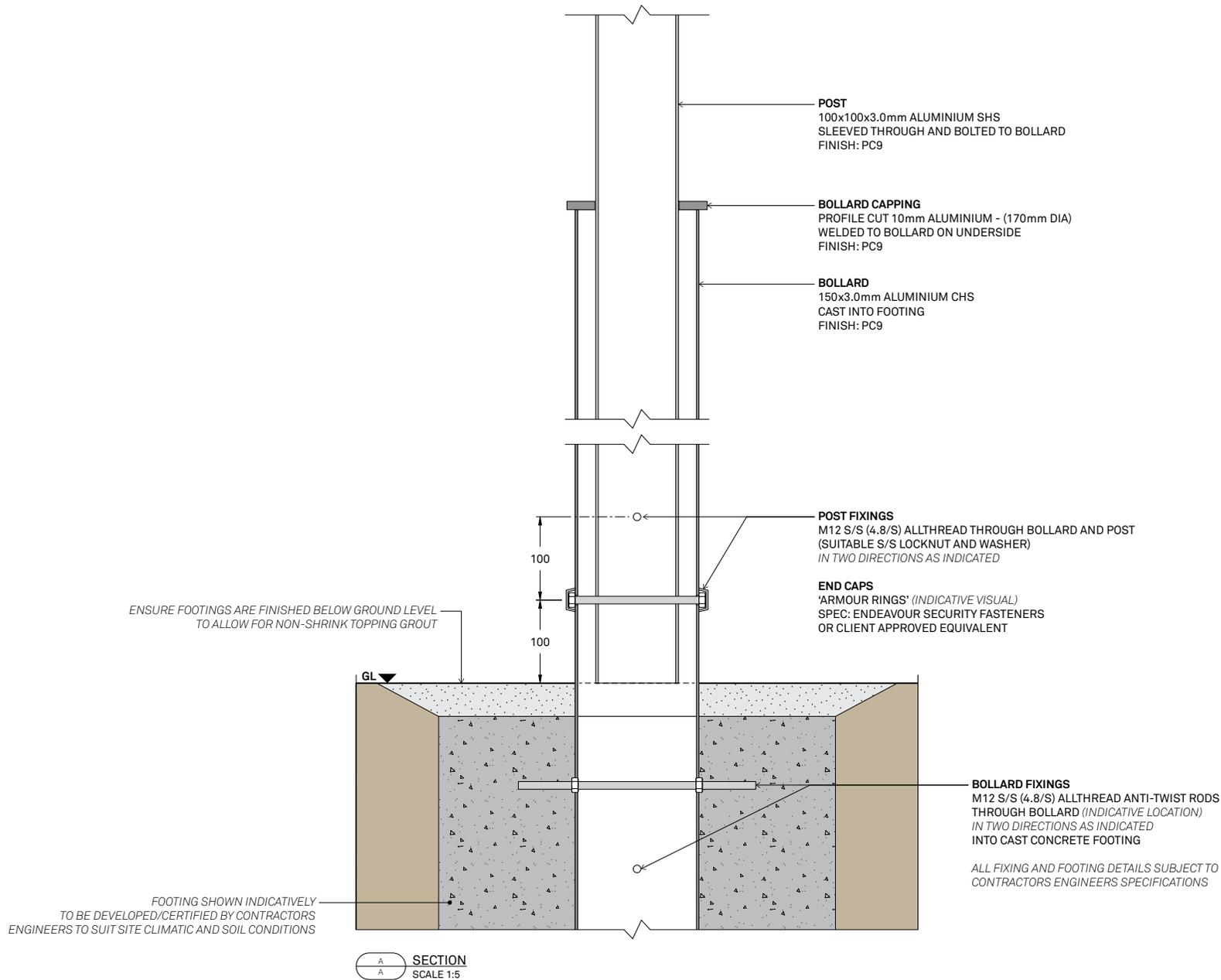
TOP VIEW
SCALE 1:25

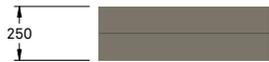


FRONT VIEW
SCALE 1:25

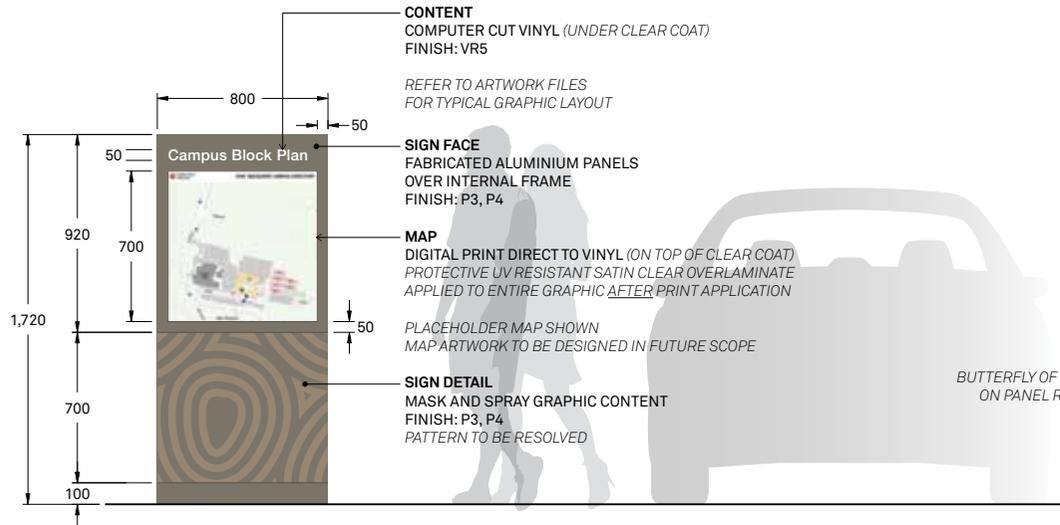


FRONT VIEW - Third party names
SCALE 1:25

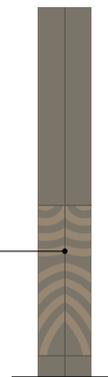




TOP VIEW
 SCALE 1:25



FRONT VIEW
 SCALE 1:25



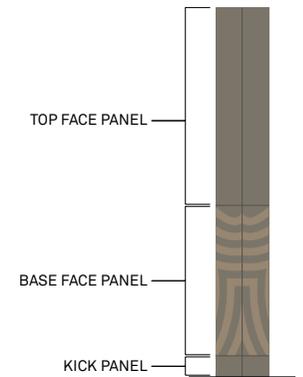
RHS VIEW
 SCALE 1:25



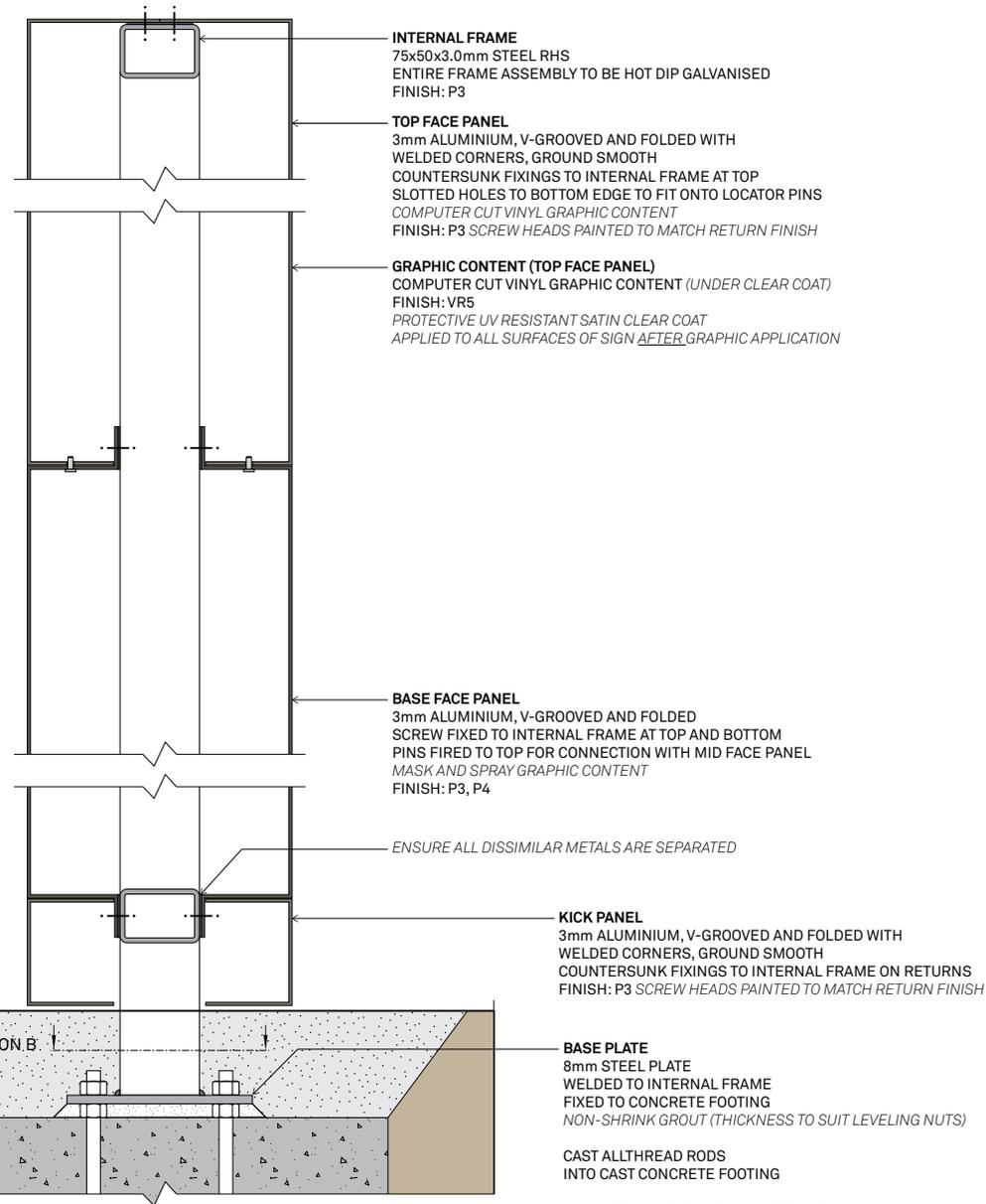
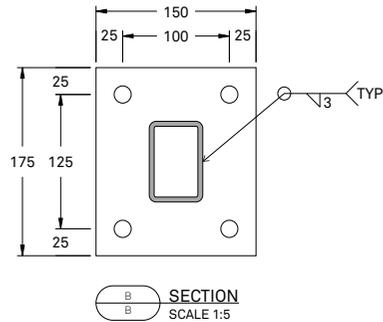
REAR VIEW
 SCALE 1:25



SECTION A



LHS VIEW
 SCALE 1:25

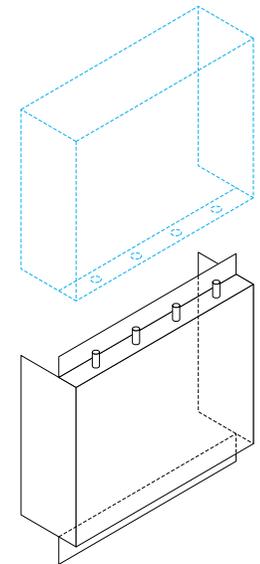


NOTE
 ADDITIONAL COUNTERSUNK FIXINGS LOCATED ON RETURNS AS REQUIRED
 ENSURE EVEN DISTRIBUTION OF FIXINGS AND ALIGNMENT ACROSS PANEL JOINS
 ALL SCREW HEADS PAINTED TO MATCH RETURN FINISH

ENSURE FOOTINGS ARE FINISHED BELOW GROUND LEVEL
 TO ALLOW FOR NON-SHRINK TOPPING GROUT

FOOTING SHOWN INDICATIVELY
 TO BE DEVELOPED/CERTIFIED BY CONTRACTORS
 ENGINEERS TO SUIT SITE CLIMATIC AND SOIL CONDITIONS

SECTION A
 SCALE 1:5

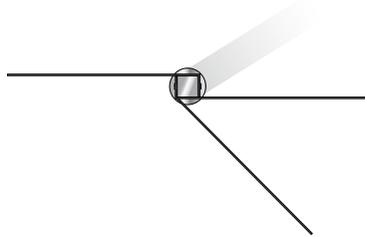


INDICATIVE PANEL ASSEMBLY
 NOT TO SCALE

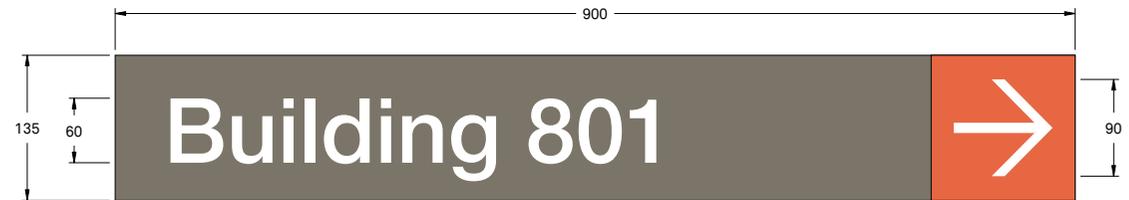


REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION
 Recommendations:
 - Standardise sign size to align with new sizes
 - Update graphic layout to align with recommended viewing zones for pedestrians (reference Australian Standards AS 1428.2) and to increase legibility
 - Update fabrication methods to match new signage standards with: (refer to 'FST' for similar details)
 • Simplified construction and assembly
 • Steel internal frame (currently aluminium)
 • Incorporate Charles Sturt brand colours and patterns

ALTERNATE LAYOUTS
SCALE 1:10



TOP VIEW
 SCALE 1:25



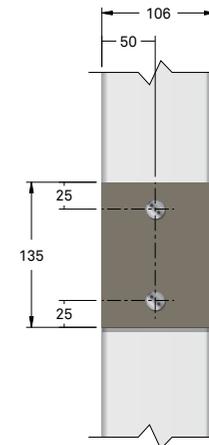
GRAPHIC LAYOUT
 SCALE 1:5

SIGN BLADE
 6mm ALUMINIUM, V-GROOVED AND FOLDED
 M8 S/S EYE DRIVE SECURITY FIXINGS TO INTERNAL FRAME
 2 OFF FIXINGS PER BLADE
 FINISH: P1, P3

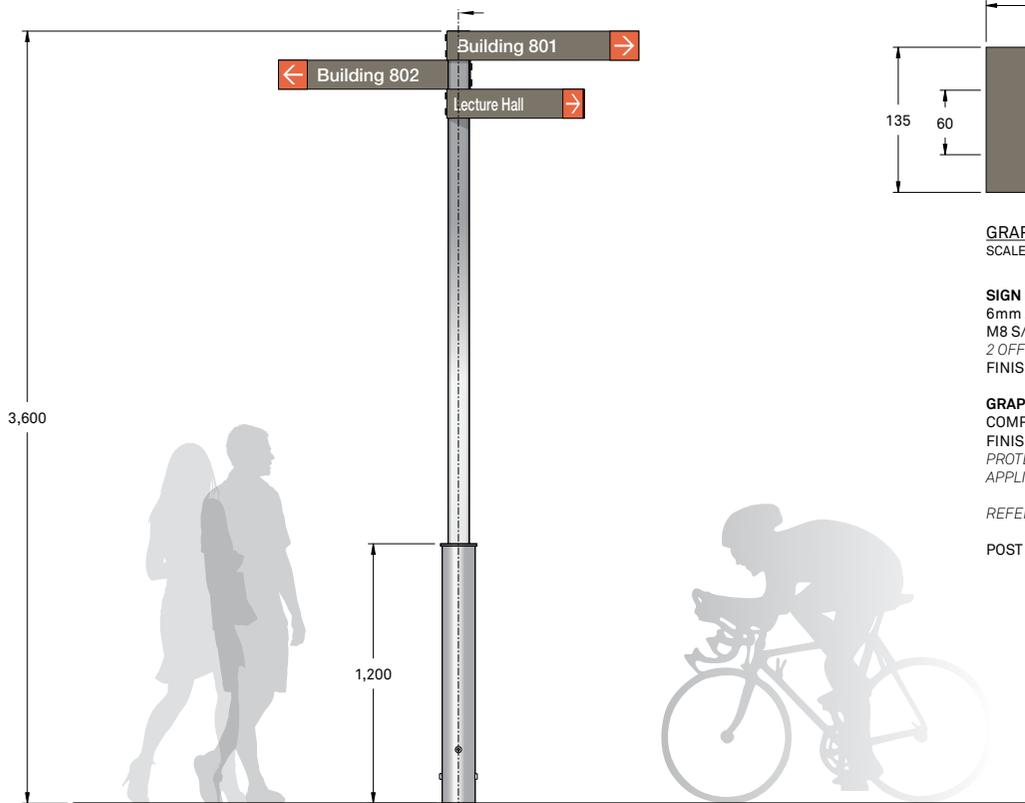
GRAPHIC CONTENT (TOP FACE PANEL)
 COMPUTER CUT VINYL GRAPHIC CONTENT (UNDER CLEAR COAT)
 FINISH: VR5
 PROTECTIVE UV RESISTANT SATIN CLEAR COAT
 APPLIED TO ALL SURFACES OF SIGN AFTER GRAPHIC APPLICATION

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

POST AND BOLLARD AS PER SECTION DETAIL

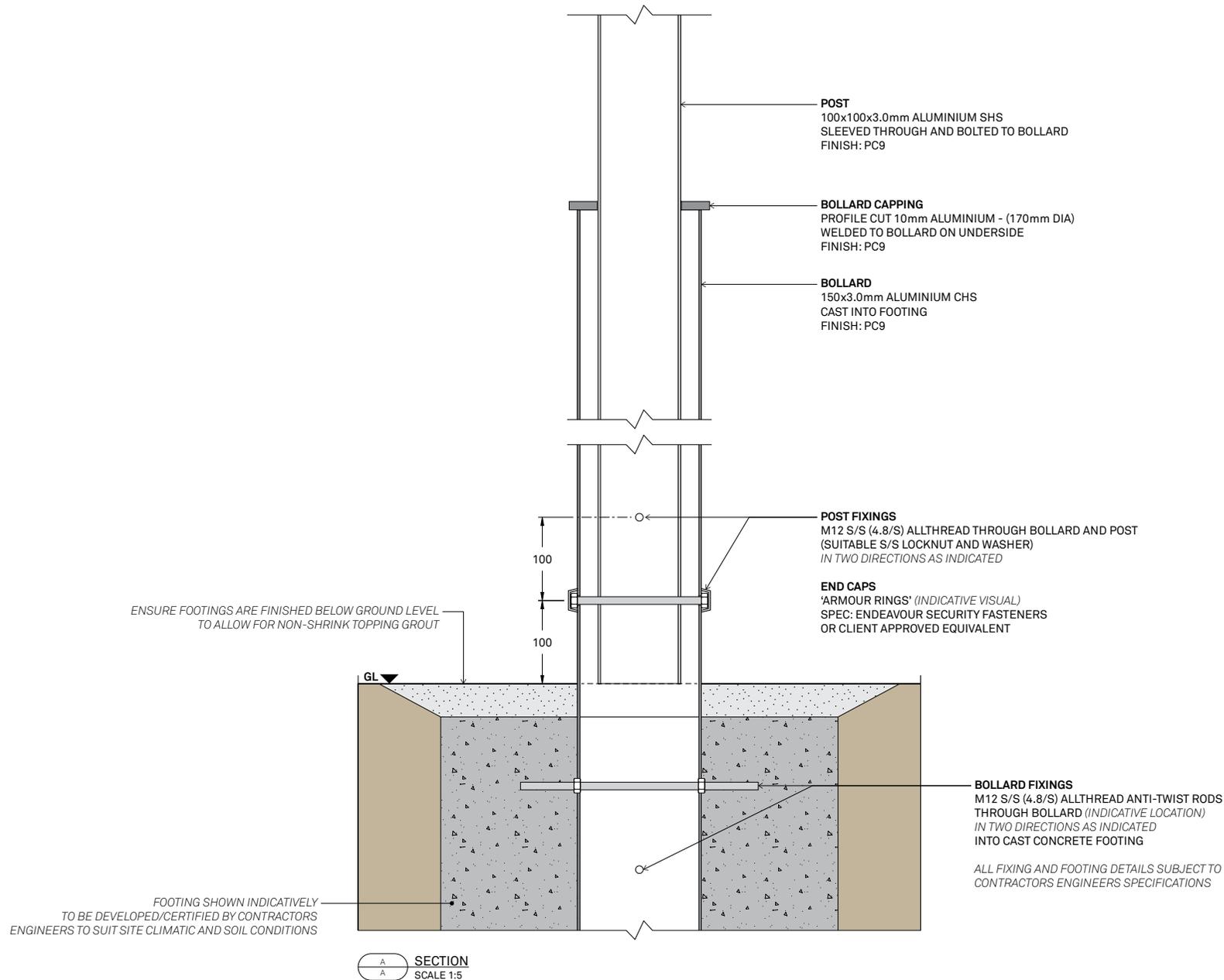


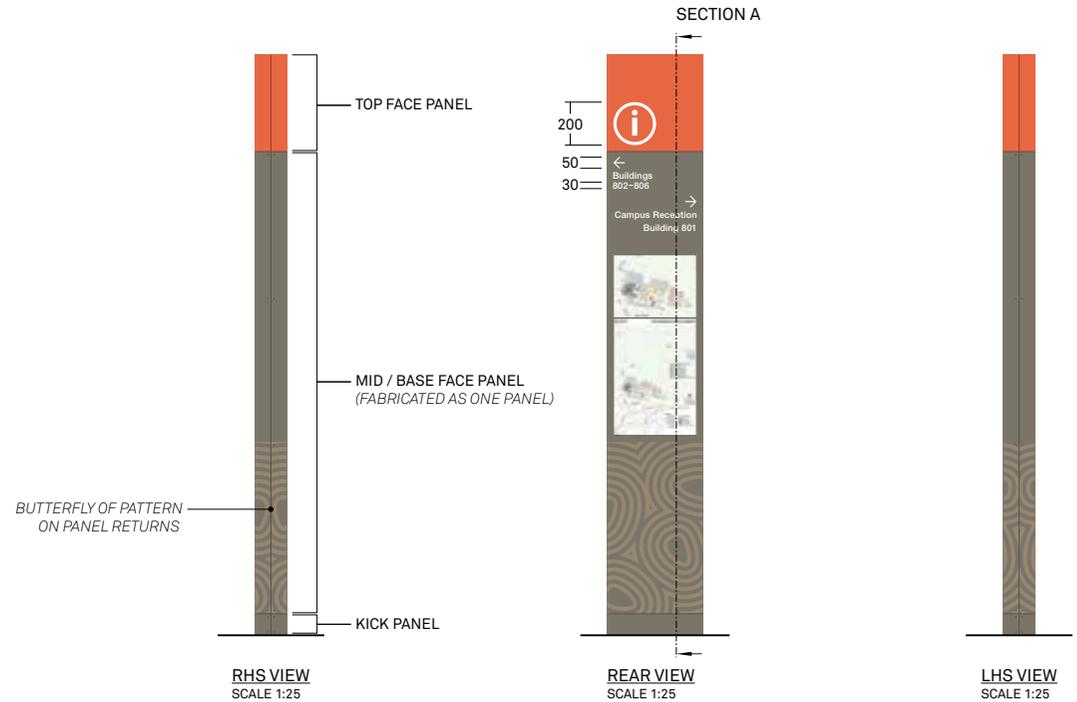
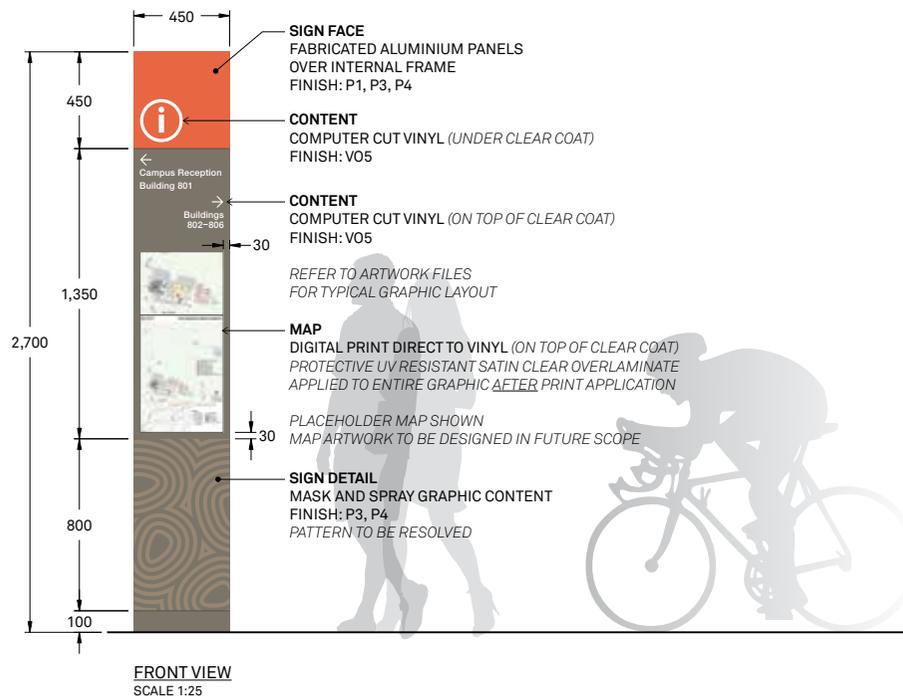
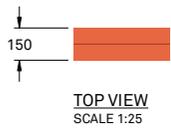
SIDE VIEW
 SCALE 1:5

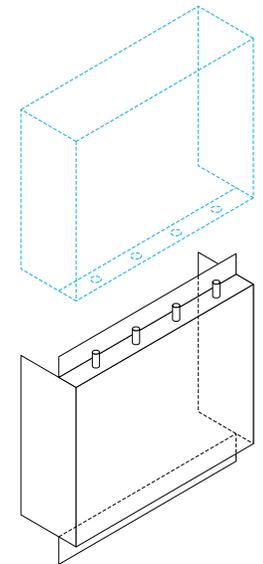
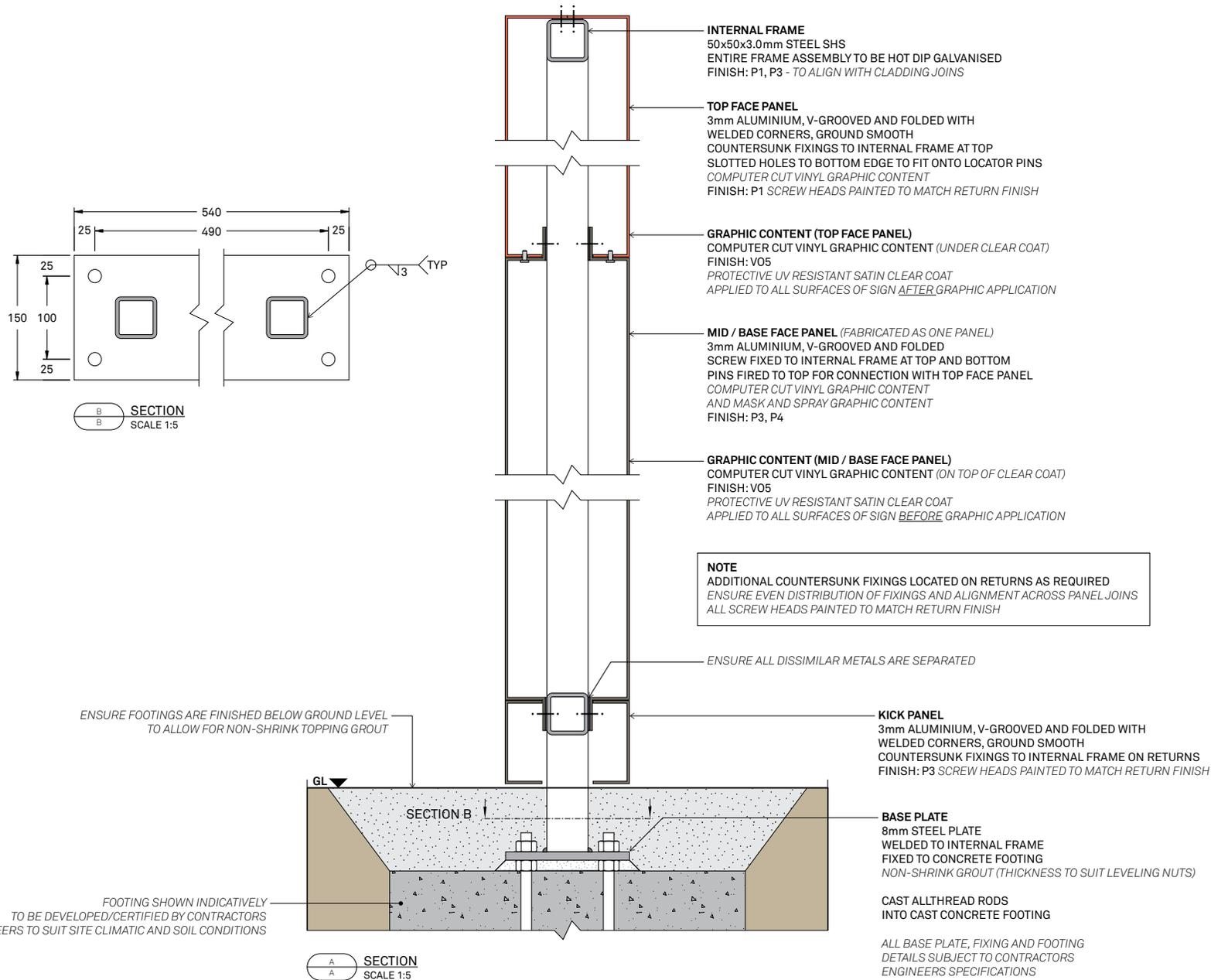


FRONT VIEW
 SCALE 1:25

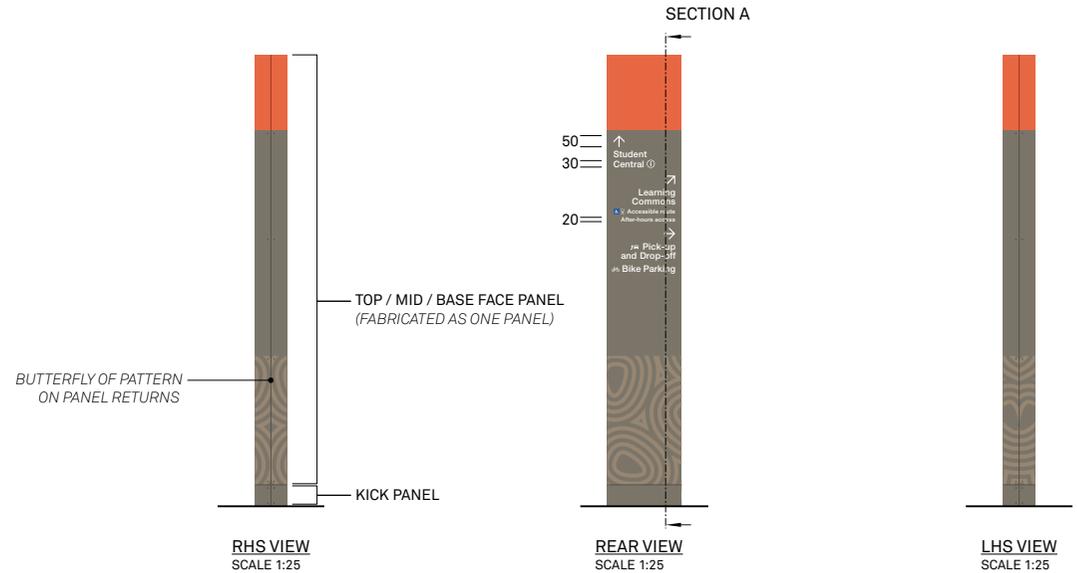
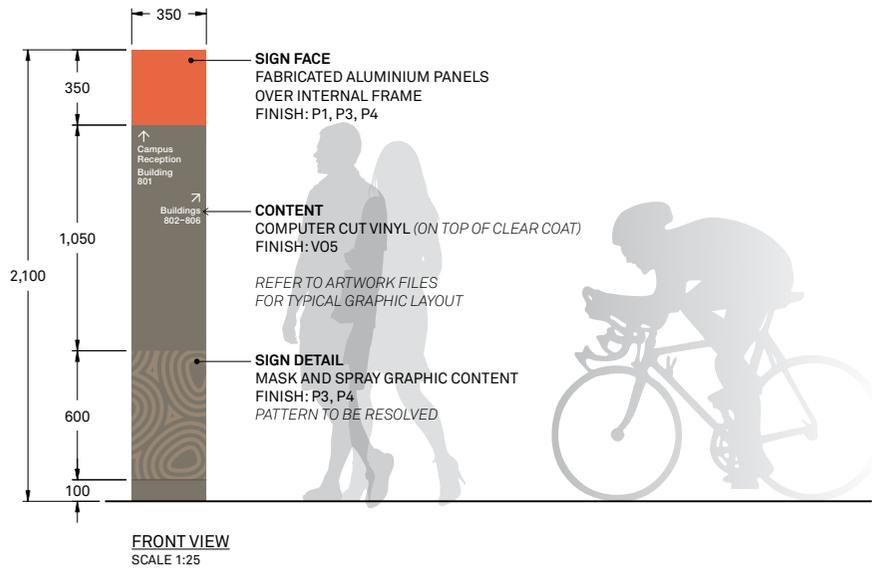
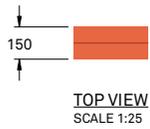
SECTION A

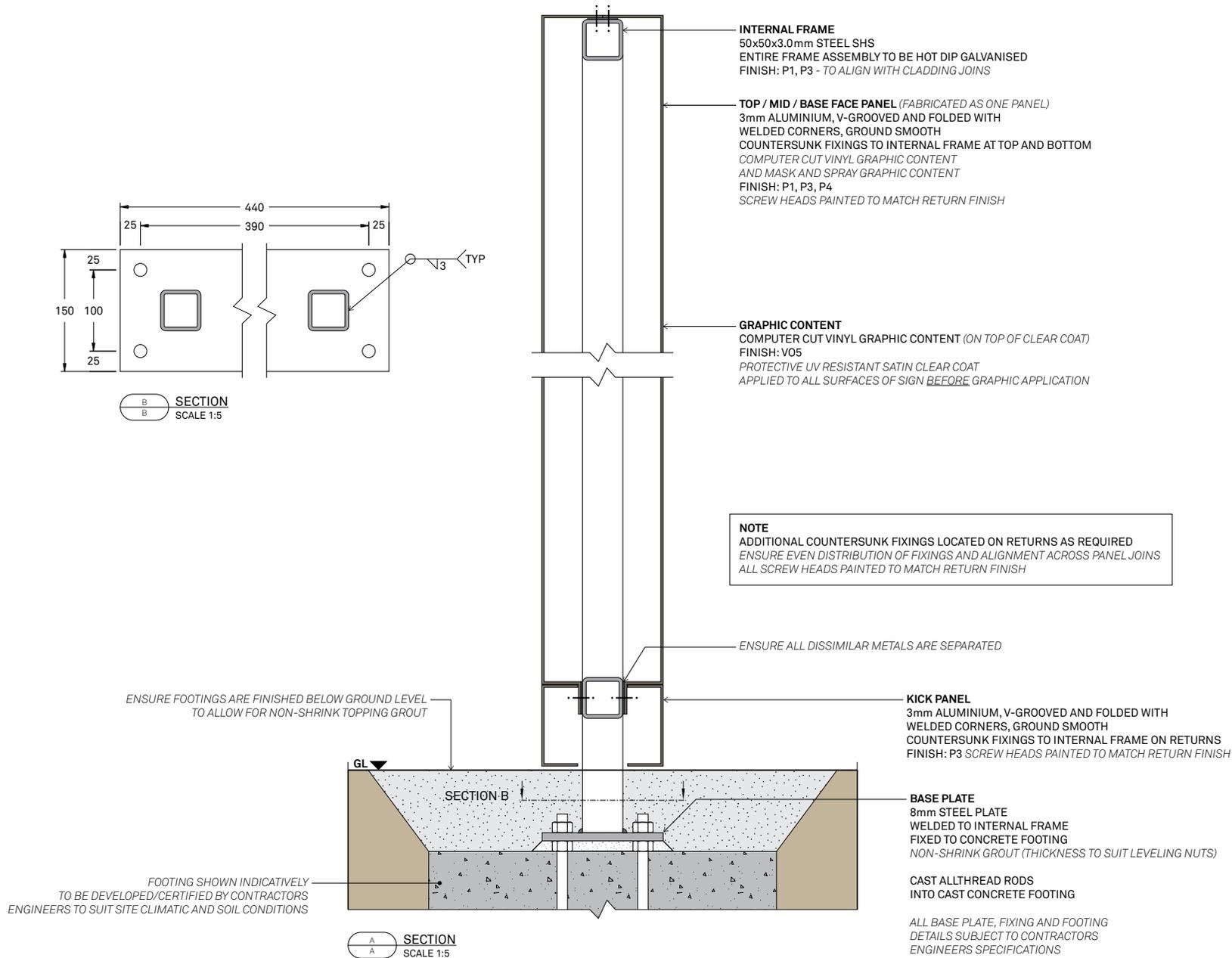


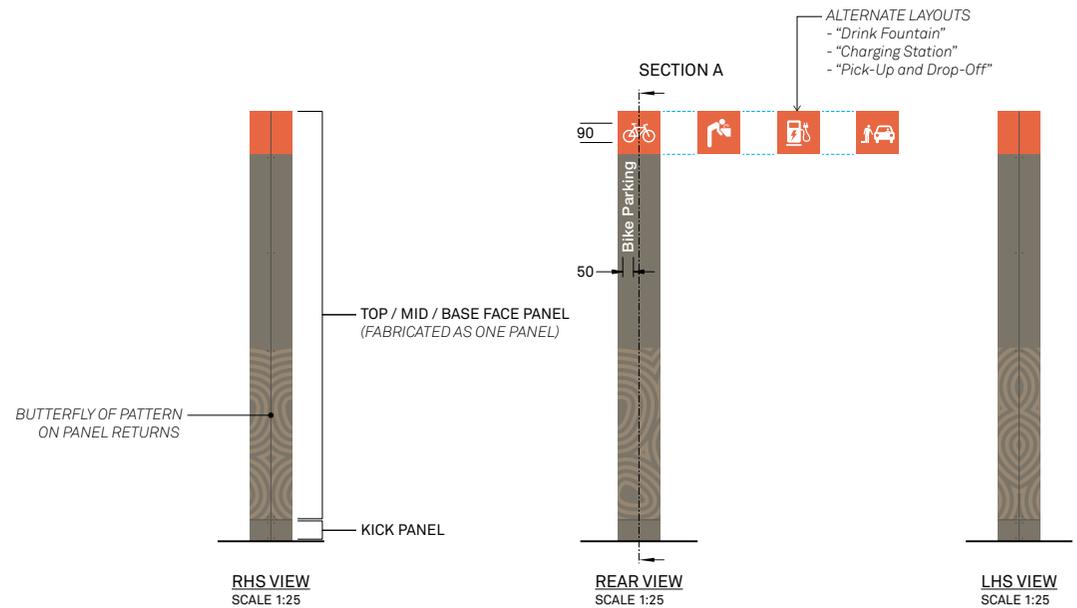
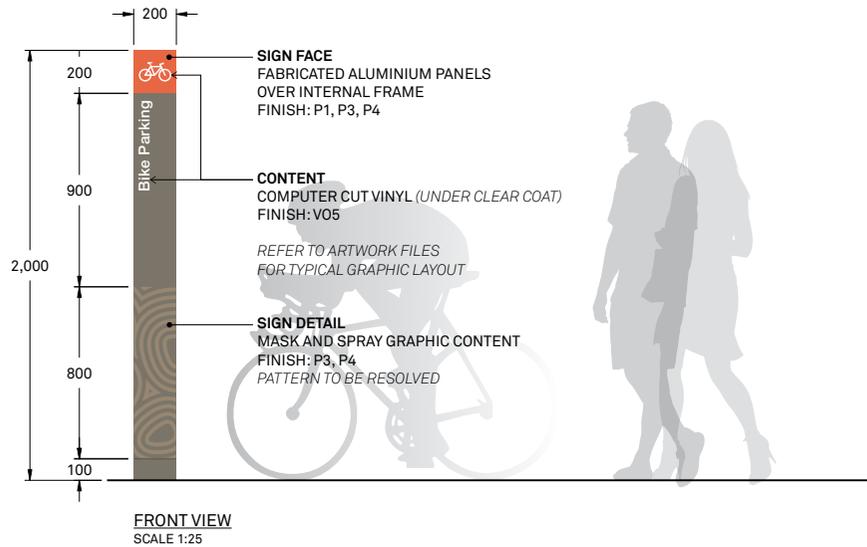
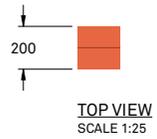


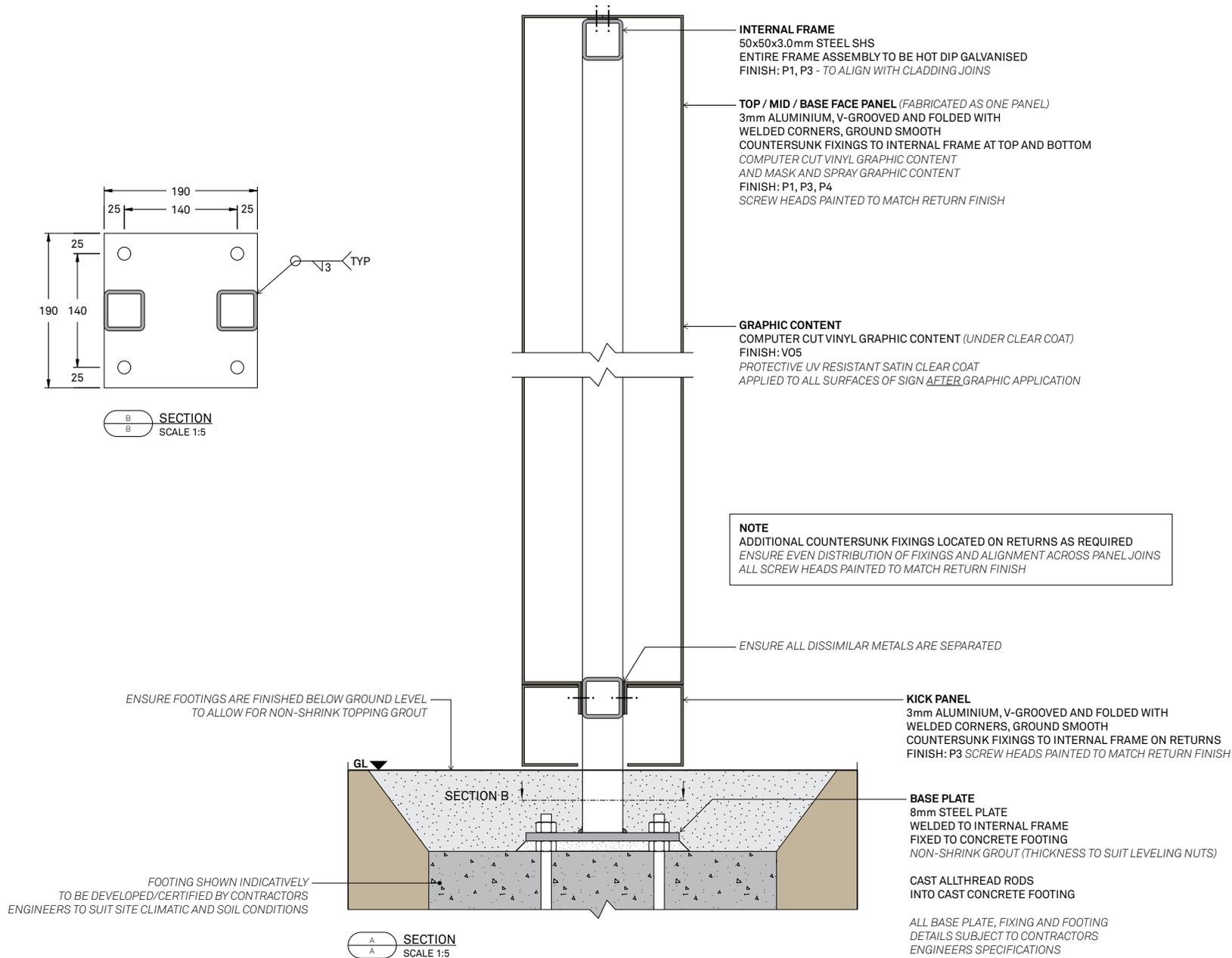


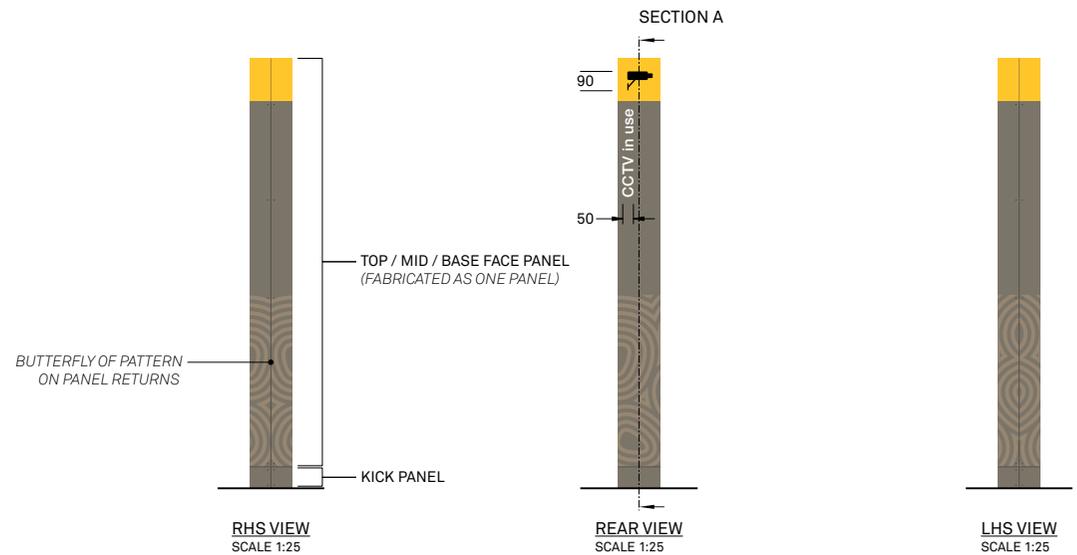
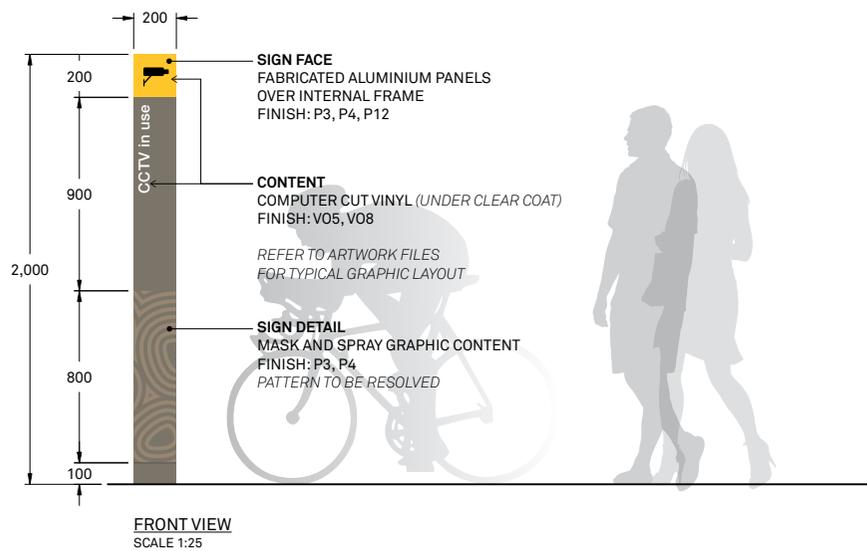
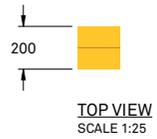
INDICATIVE PANEL ASSEMBLY
NOT TO SCALE

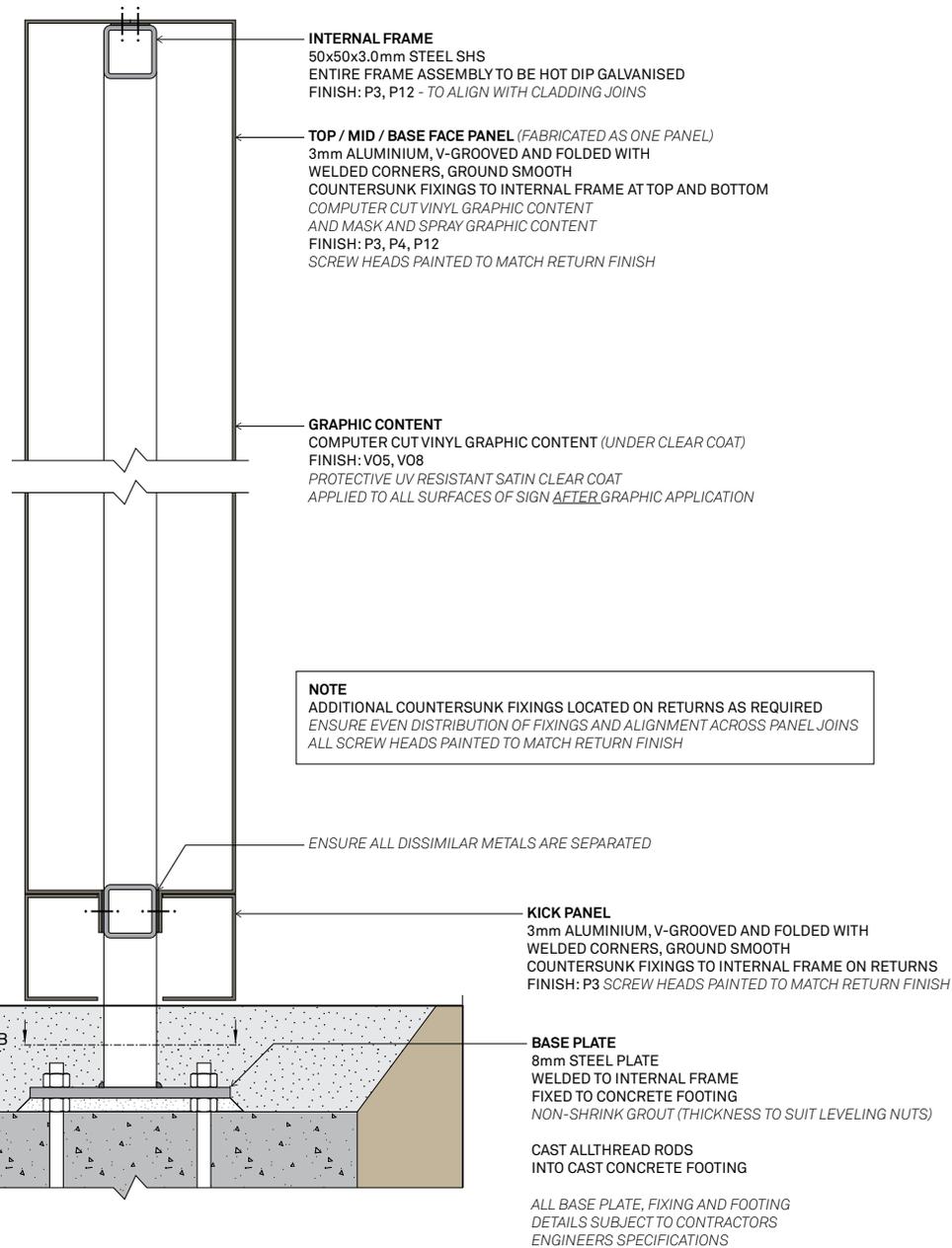
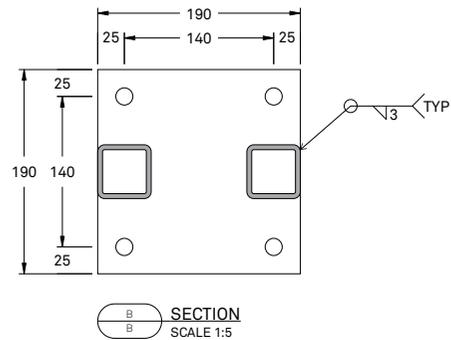


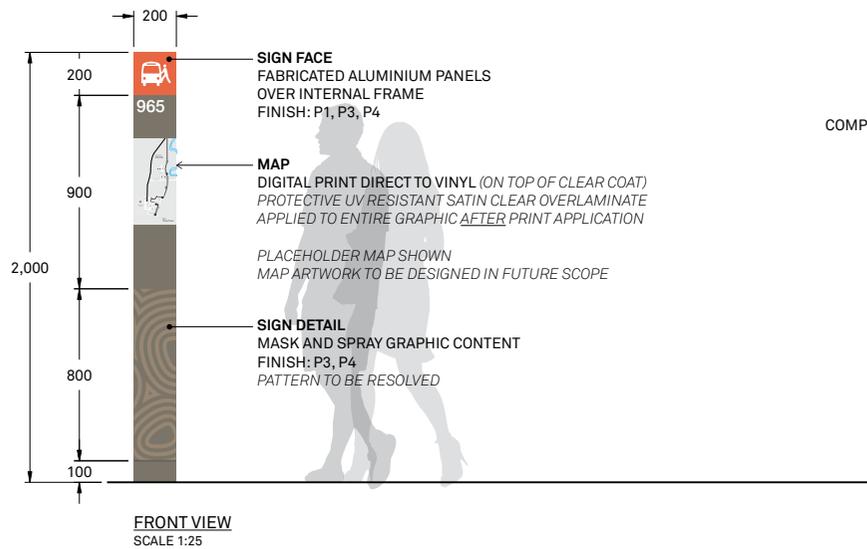
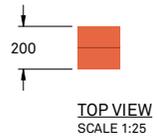






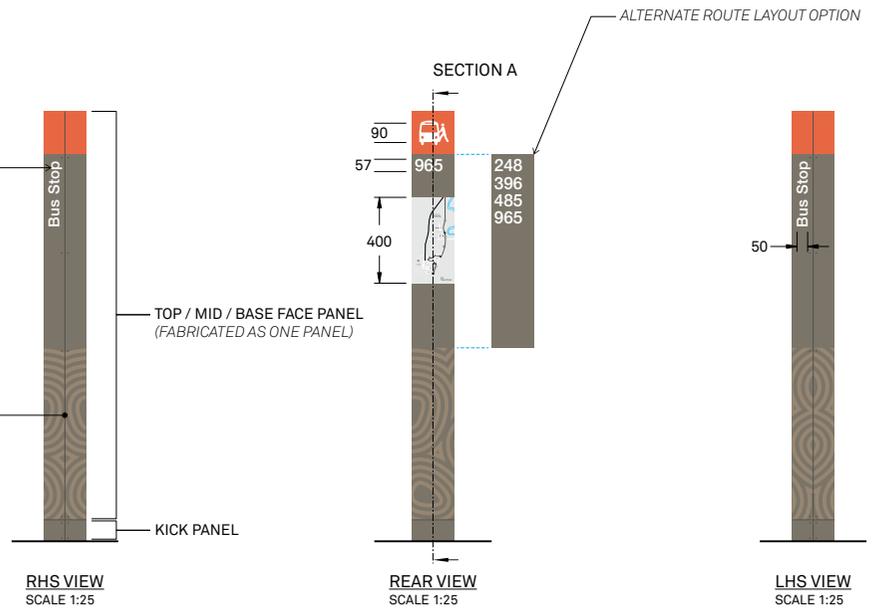


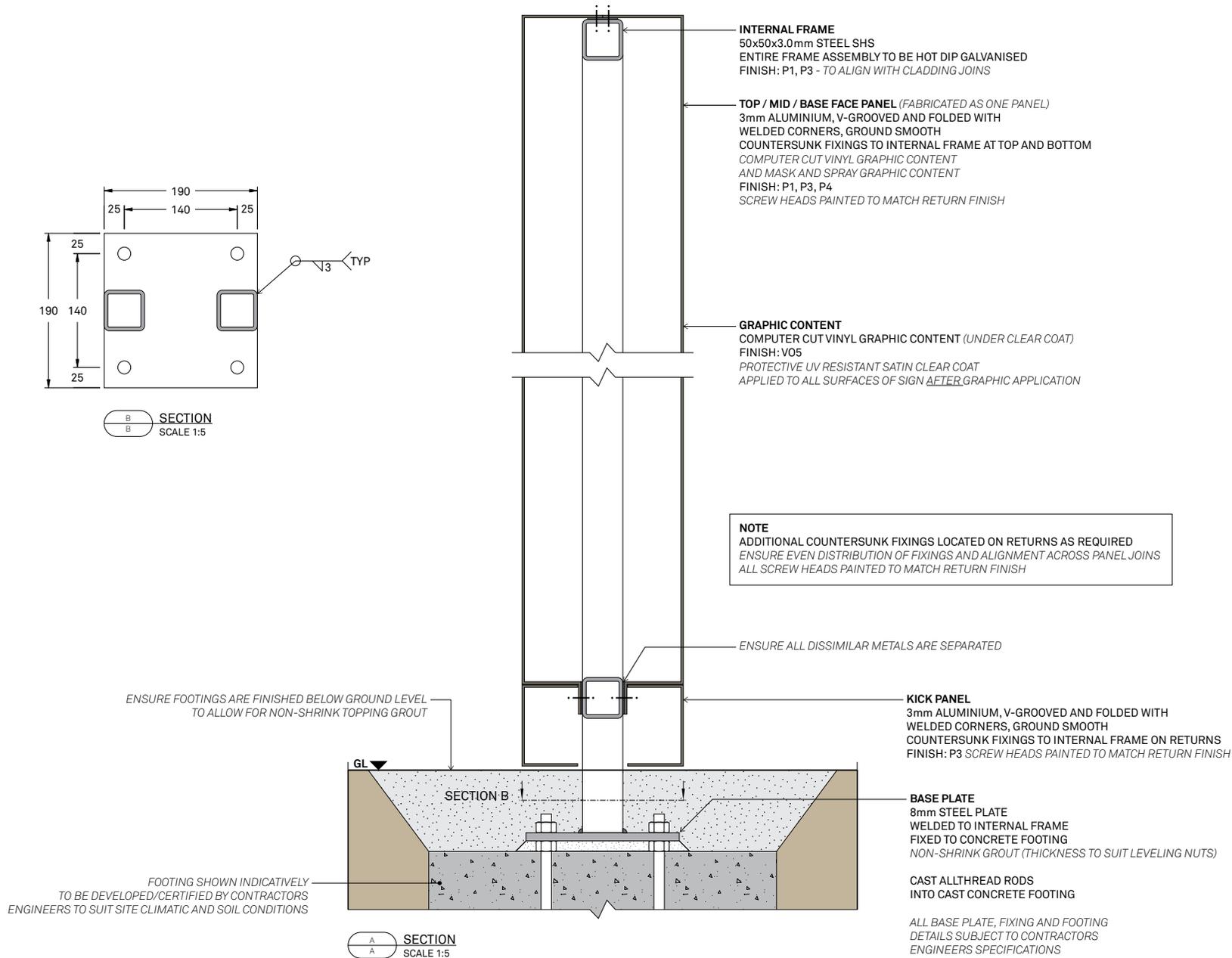




CONTENT
 COMPUTER CUT VINYL (UNDER CLEAR COAT)
 FINISH: V05
 REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

BUTTERFLY OF PATTERN ON PANEL RETURNS





FRAMEWORK

FABRICATED 100X50X3 ALUMINIUM
 INTERNAL FRAMEWORK
 10mm SIDE PLATE, RHS, ANGLE CONSTRUCTION.
 POSTS CAST INTO CONCRETE FOOTING
 (HIDDEN WITH LANDSCAPING)

REMOVABLE TOP PLATE

(TO ALLOW ACCESS TO ILLUMINATED TOP PANEL)
 FINISH: PC9

SIGN PANELS

INSET FROM EDGE 8mm
 4mm ACM SIGN PANELS
 FINISH: P1, P3, P4

GRAPHICS

COMPUTER CUT VINYL (UNDER CLEAR COAT)
 FINISH: VO5

BASE FACE PANEL

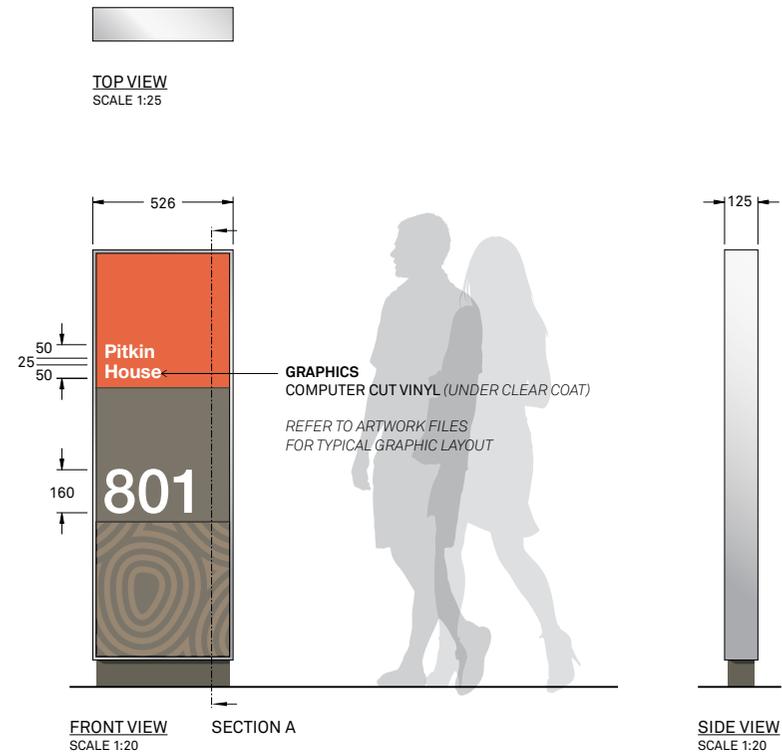
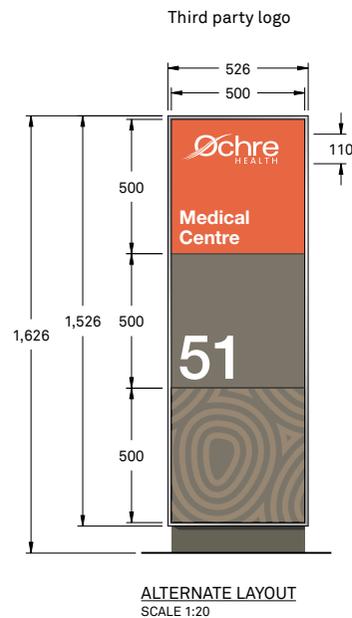
MASK AND SPRAY GRAPHIC CONTENT
 FINISH: P3, P4
 PATTERN TO BE RESOLVED

CLEAR COAT

ANTI GRAFFITI COATING TO ALL PANELS
 (SPEC TBC)

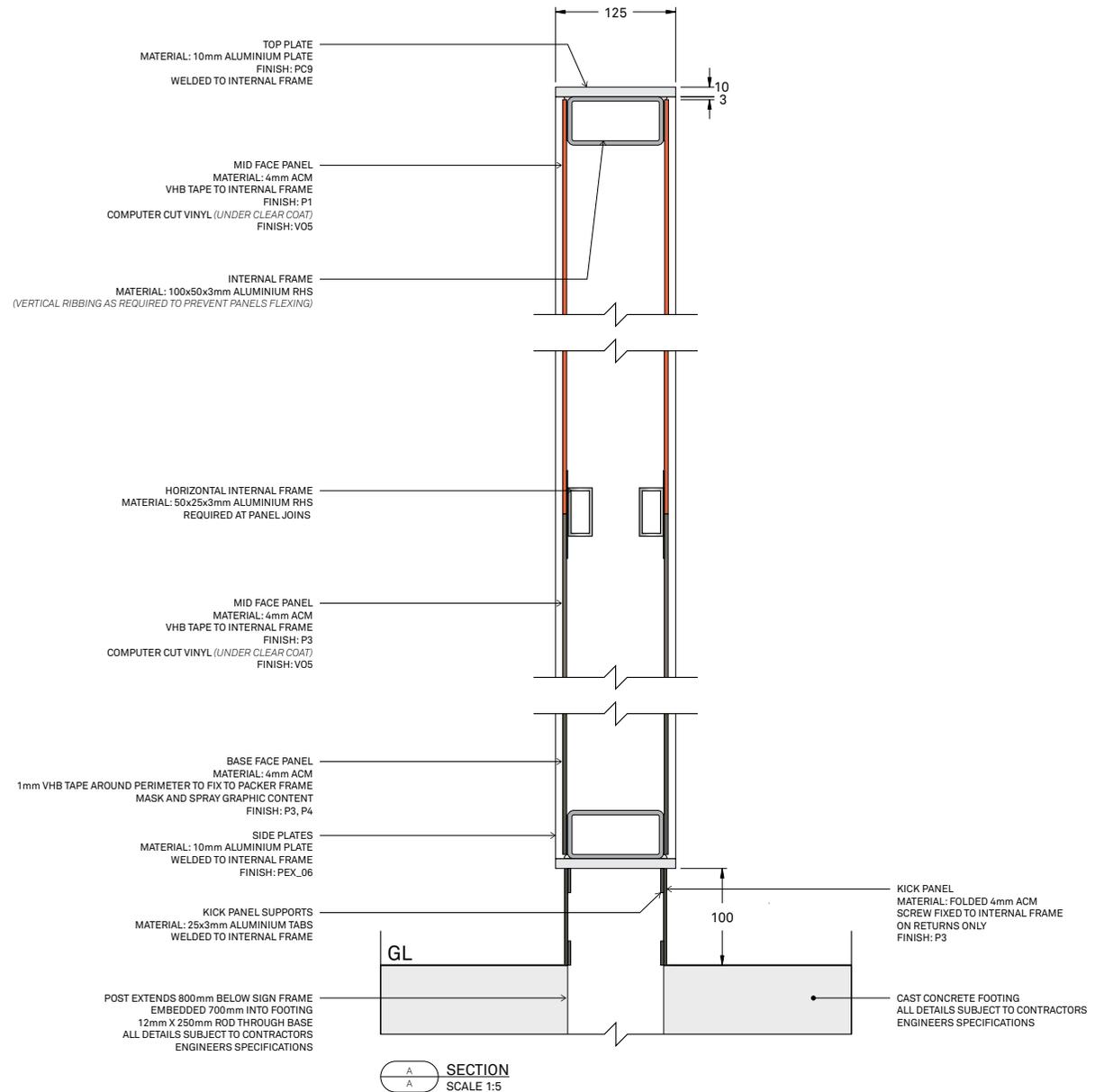
100mm DEEP KICK PANEL

FINISH: P3



REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION
Recommendations:
 - Update fabrication methods to match new signage standards with: (refer to 'PDT' for similar details)

- Simplified construction and assembly
- Remove aluminium outer trim
- Steel internal frame (currently aluminium)



REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION
Recommendations:
 - Update fabrication methods to match new signage standards with: (refer to 'PDT' for similar details)

- Simplified construction and assembly
- Remove aluminium outer trim
- Steel internal frame (current aluminium)

FRAMEWORK

80mm ANGLE TRIM
 55mm SHS ANCHORED DIRECTLY TO WALL
 FINISH: PC9

SPACERS

20mm SPACERS TO ALLOW WATER DRAINAGE
 FINISH: PC9

SIGN PANEL:

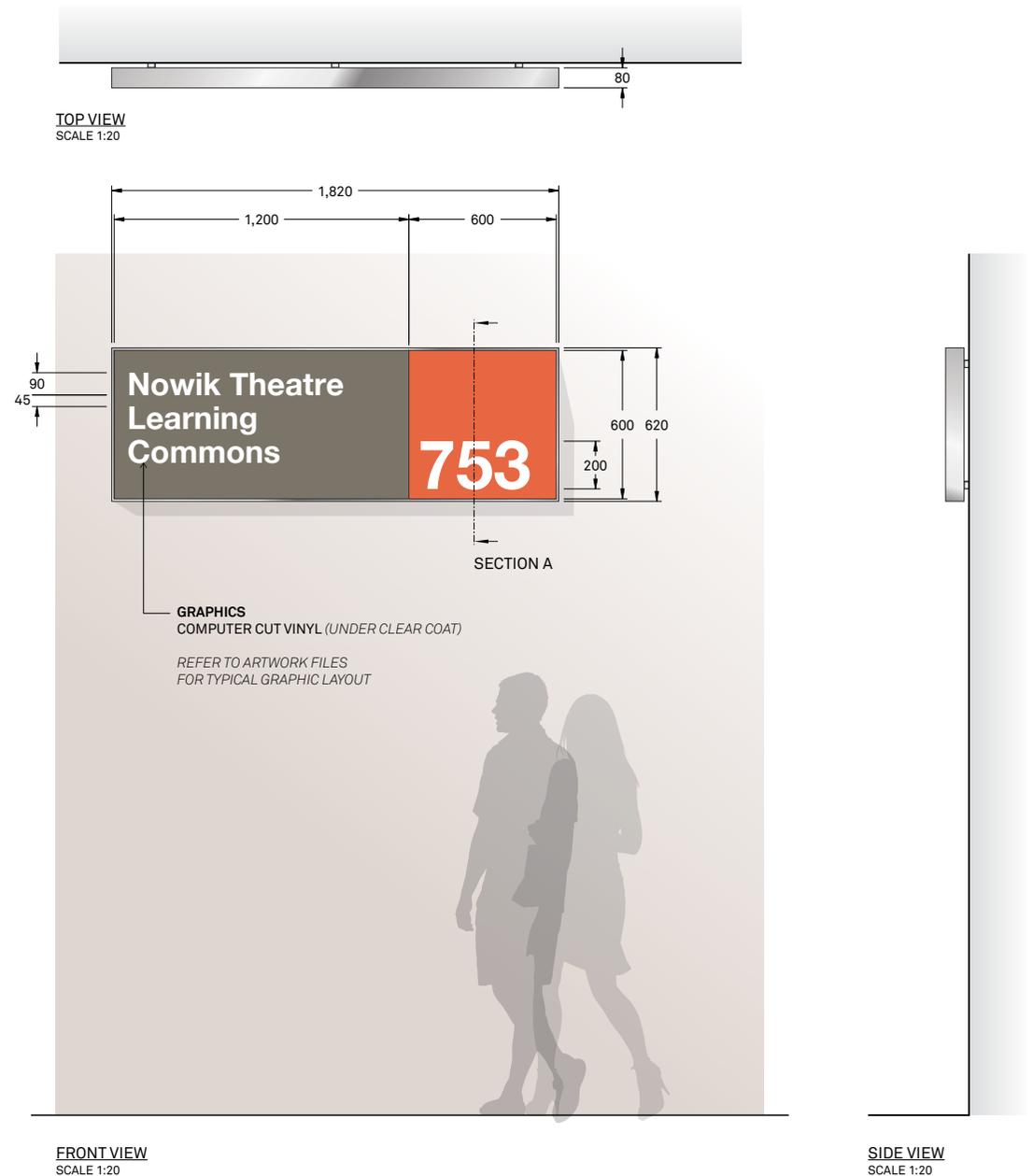
4mm ACM SIGN PANELS
 FINISH: P1, P3

GRAPHICS

COMPUTER CUT VINYL (UNDER CLEAR COAT)
 FINISH: VO5

CLEAR COAT

ANTI GRAFFITI COATING TO ALL PANELS
 (SPEC TBC)



REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION

Recommendations:

- Update fabrication methods to match new signage standards with: (refer to 'BN_M' for similar details)
 - Simplified construction and assembly
 - Remove aluminium outer trim
 - Shoe box style fabrication
 - Returns painted to match sign face

FRAMEWORK

80mm ANGLE TRIM
 55mm SHS ANCHORED DIRECTLY TO WALL
 FINISH: PC9

SPACERS

20mm SPACERS TO ALLOW WATER DRAINAGE
 FINISH: PC9

SIGN PANEL:

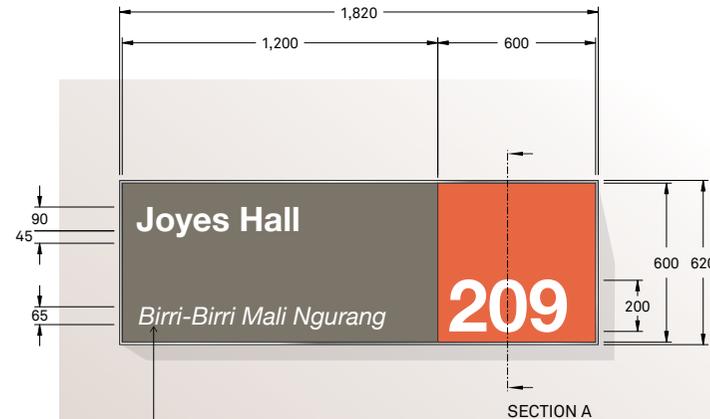
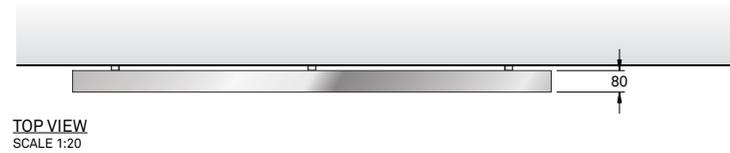
4mm ACM SIGN PANELS
 FINISH: P1, P3

GRAPHICS

COMPUTER CUT VINYL (UNDER CLEAR COAT)
 FINISH: VO5

CLEAR COAT

ANTI GRAFFITI COATING TO ALL PANELS
 (SPEC TBC)



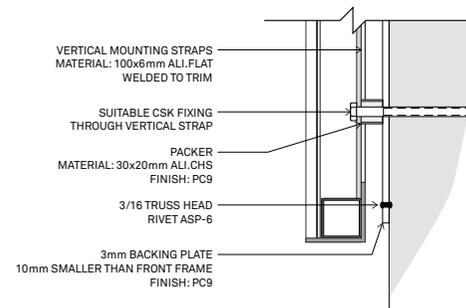
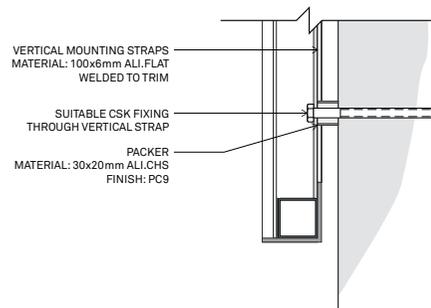
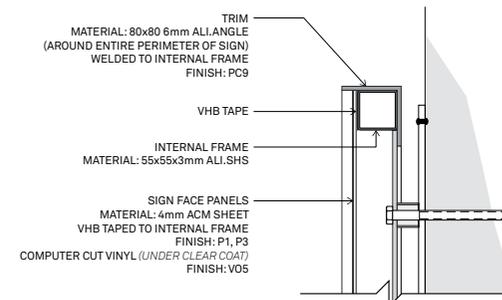
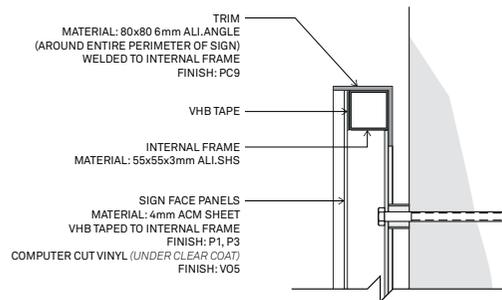
GRAPHICS
 COMPUTER CUT VINYL (UNDER CLEAR COAT)

REFER TO ARTWORK FILES
 FOR TYPICAL GRAPHIC LAYOUT



REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION
Recommendations:
 - Update fabrication methods to match new signage standards with: (refer to 'BN_M' for similar details)

- Simplified construction and assembly
- Remove aluminium outer trim
- Shoe box style fabrication
- Returns painted to match sign face

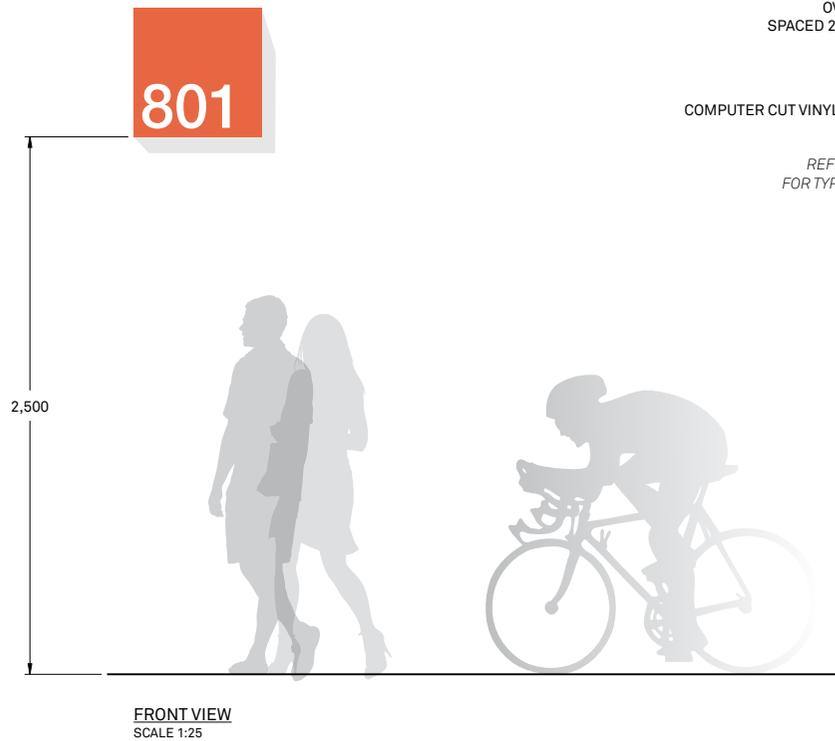
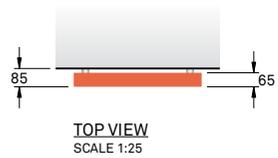


SECTION - BRICK WALL
 SCALE 1:4

SECTION - CORRUGATED
 SCALE 1:4

REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION
Recommendations:
 - Update fabrication methods to match new signage standards with: (refer to 'BN_M' for similar details)

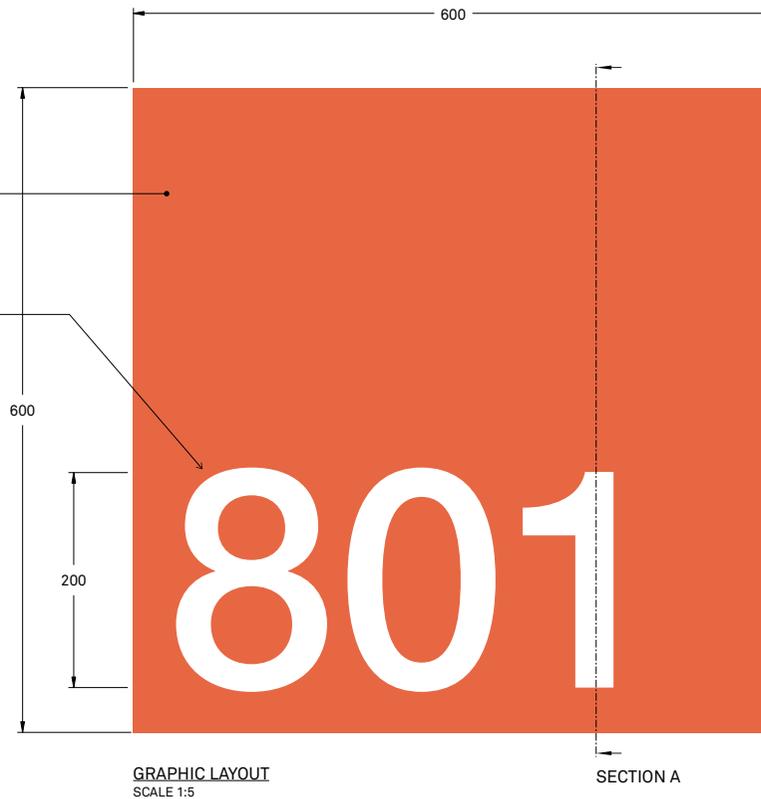
- Simplified construction and assembly
- Remove aluminium outer trim
- Shoe box style fabrication
- Returns painted to match sign face

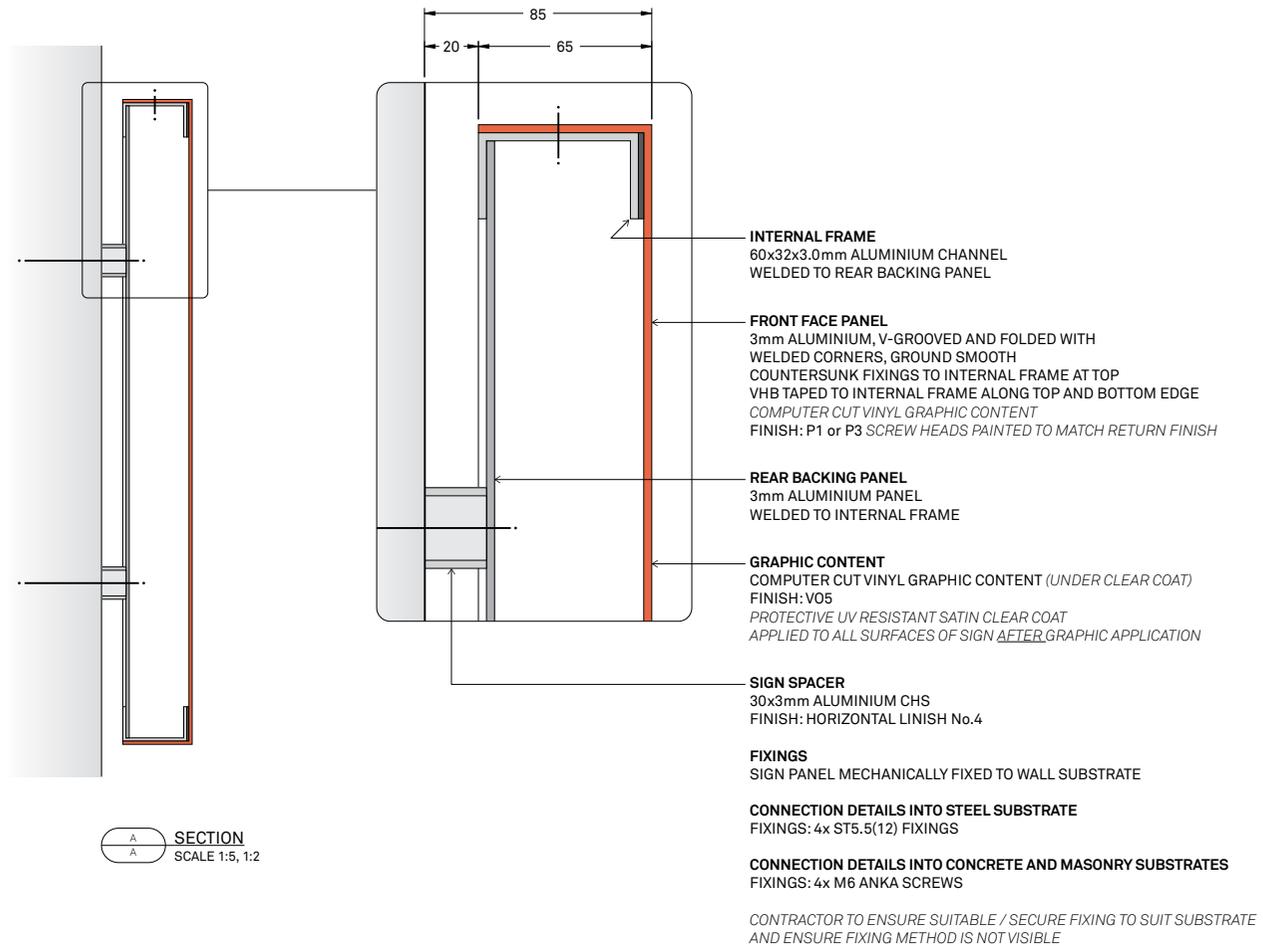


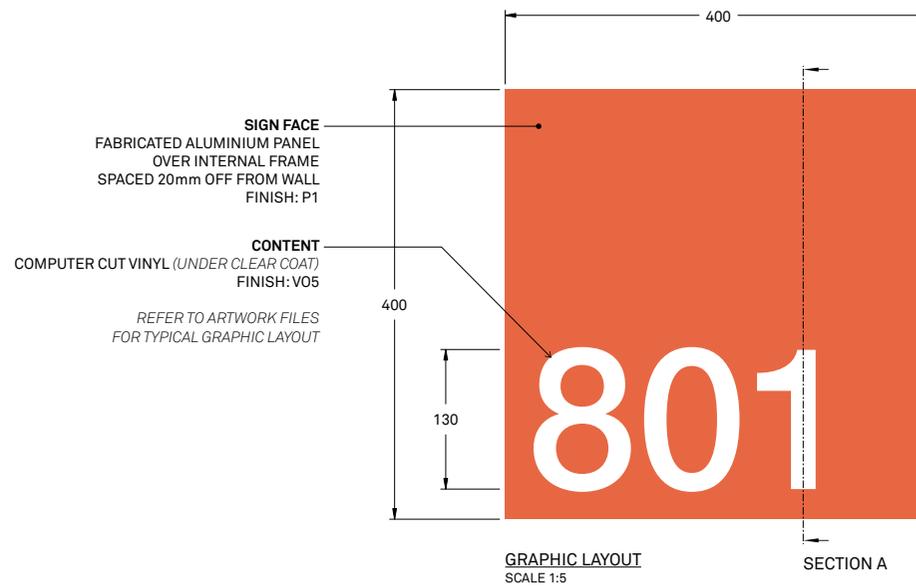
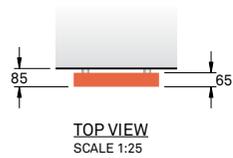
SIGN FACE
FABRICATED ALUMINIUM PANEL
OVER INTERNAL FRAME
SPACED 20mm OFF FROM WALL
FINISH: P1

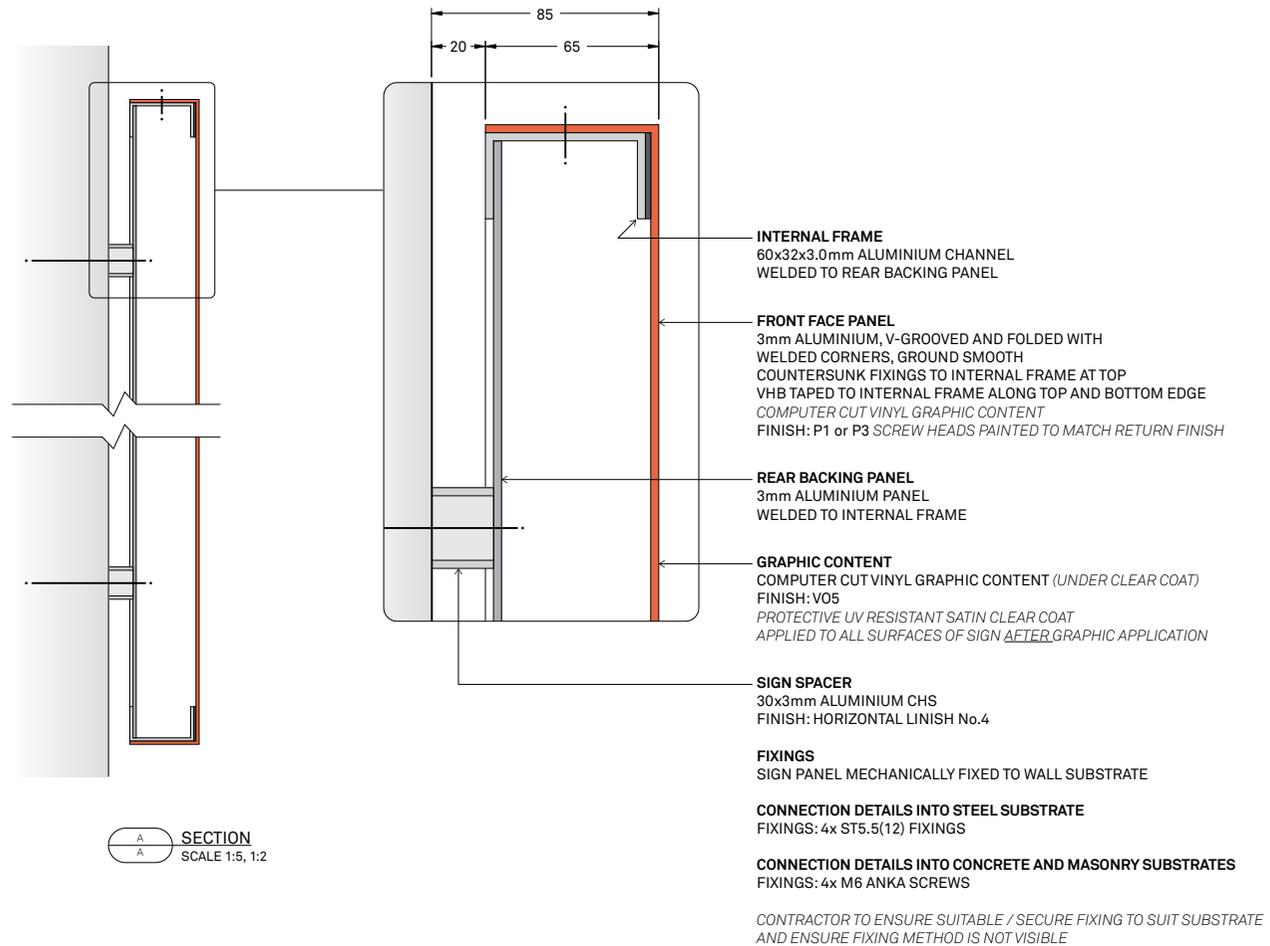
CONTENT
COMPUTER CUT VINYL (UNDER CLEAR COAT)
FINISH: V05

REFER TO ARTWORK FILES
FOR TYPICAL GRAPHIC LAYOUT









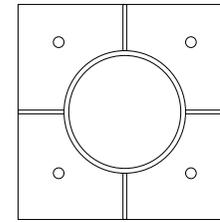
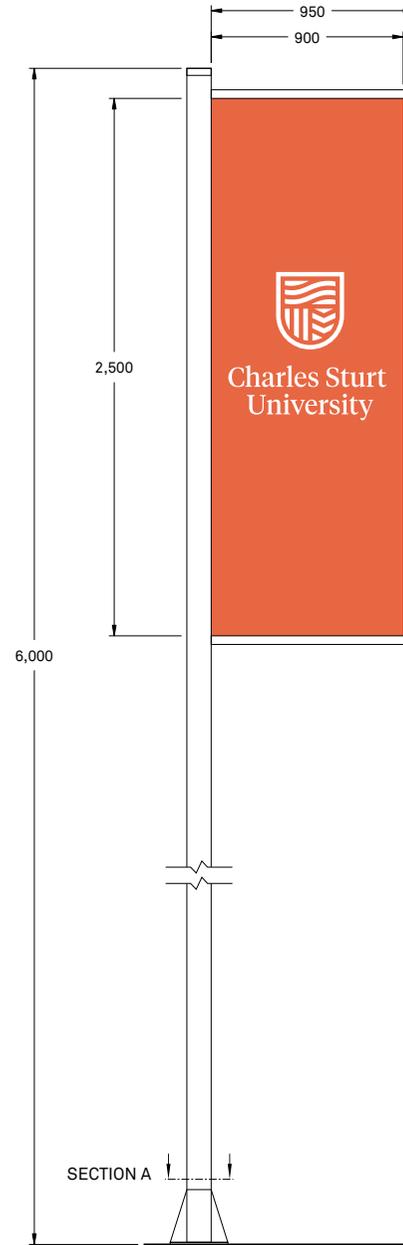
POST
 114x4.5mm CHS POLE
 6m LONG WITH TOP CAP TO SUIT

ARMS
 60x3.6mm CHS
 900mm LONG

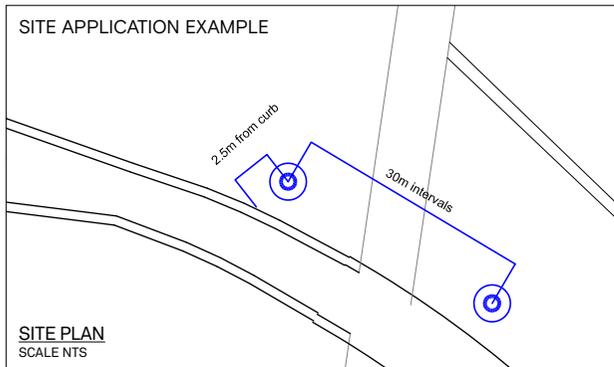
BASE PLATE
 270x270x16mm BASE PLATE
 WITH 245mm HIGH GUSSETS

*POST ASSEMBLY TO BE HOT DIP GALVANISED
 WITH WHITE POWDER COATING*

*ALL BASE PLATE, FIXING AND FOOTING DETAILS
 SUBJECT TO CONTRACTORS ENGINEERS
 SPECIFICATIONS*



SECTION
 SCALE 1:5



SECTION A

FRONT VIEW
 SCALE 1:25

BANNER CONTENT TO BE CONFIRMED AND APPROVED BY DFM EXECUTIVE DIRECTOR



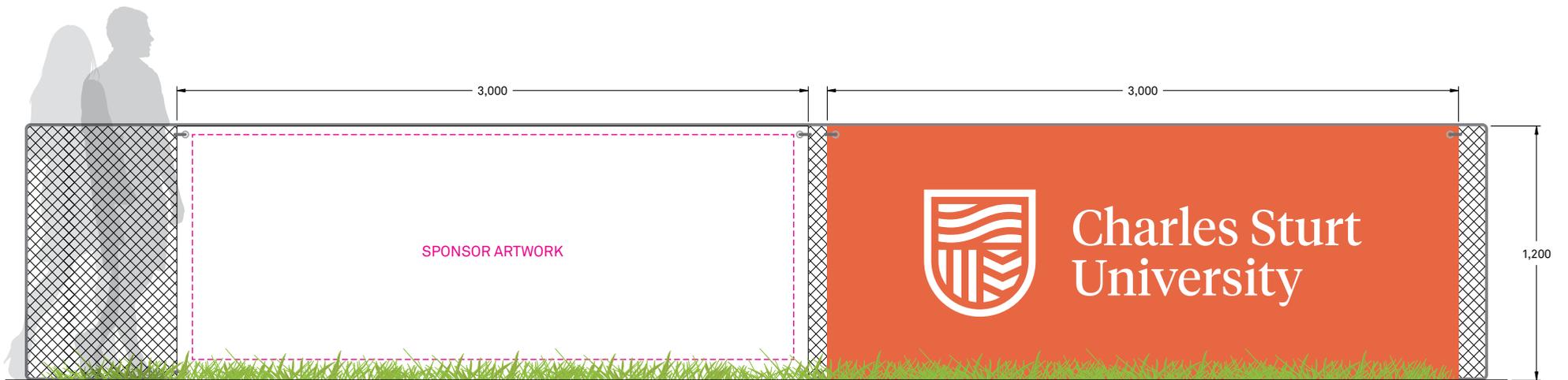
Standard Charles Sturt banners artwork

FENCE MOUNTED BANNER

DIGITAL PRINTED BANNER FIXED TO PERIMETER
FENCE OF OVAL OR SIMILAR

WALL MOUNTED PANEL

3MM ACM PANEL WITH DIGITAL PRINTED GRAPHICS
MOUNTED TO BUILDING FACE

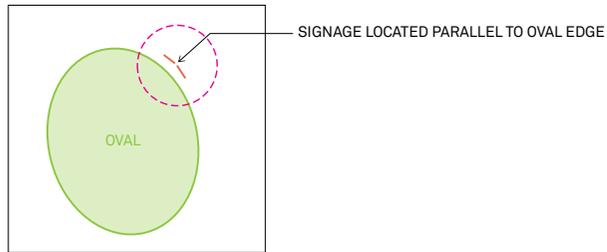


TYPICAL SIGN IN SITU
SCALE 1:20

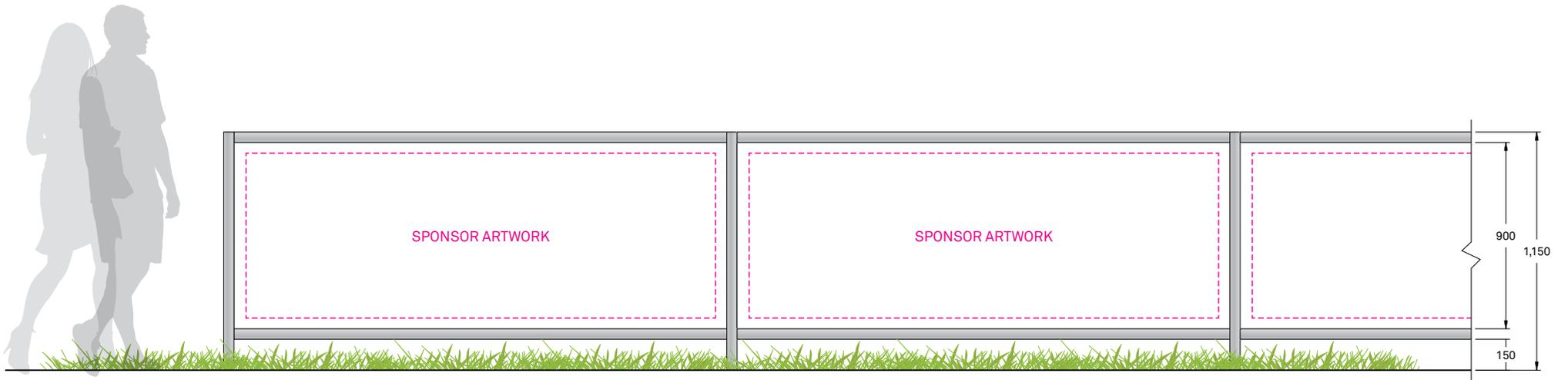
BANNER CONTENT TO BE CONFIRMED AND
APPROVED BY DFM EXECUTIVE DIRECTOR

FRAME MOUNTED PANEL

3MM ACM PANEL WITH DIGITAL PRINTED GRAPHICS
MOUNTED TO FREESTANDING FRAME PARALLEL TO
SPORTS OVAL EDGE



TYPICAL SIGN LOCATIONS
NOT TO SCALE



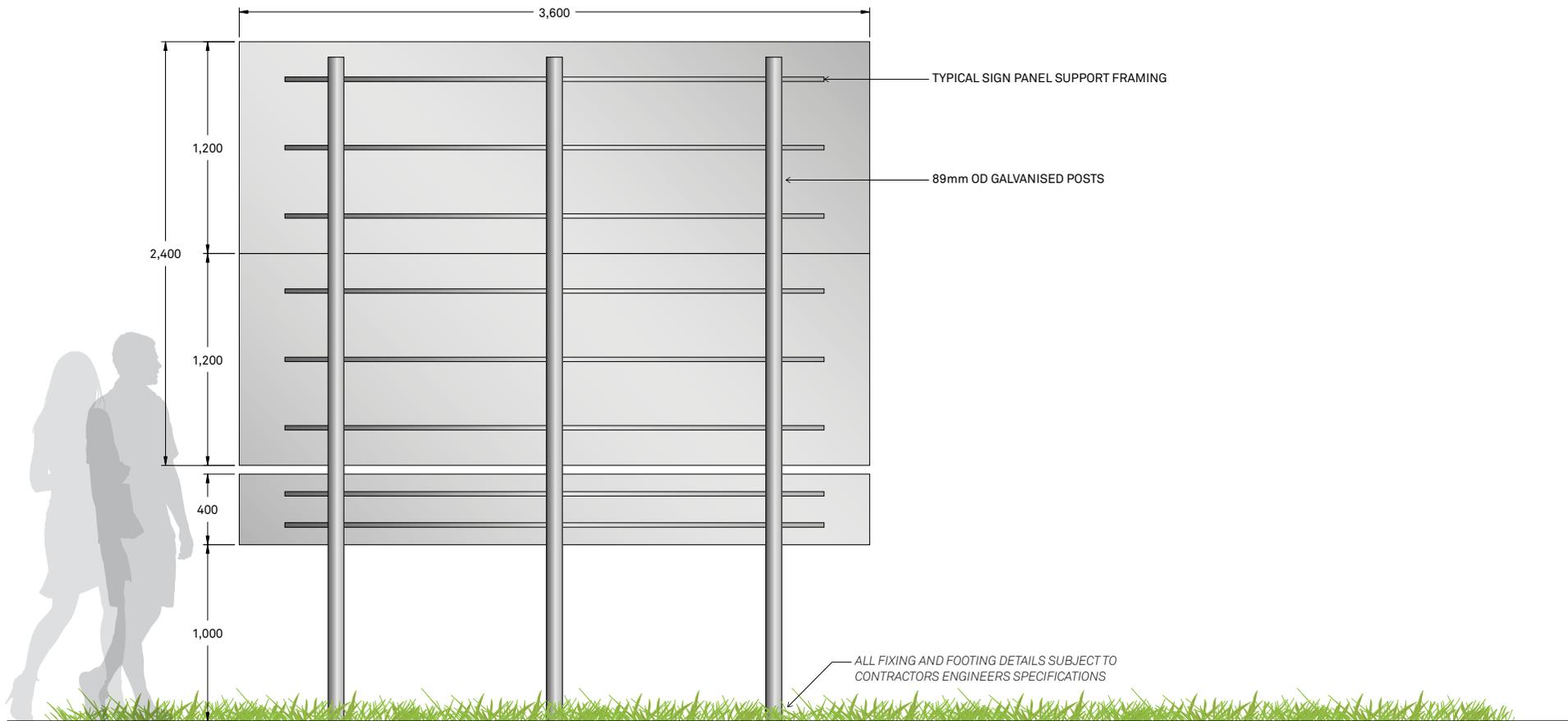
TYPICAL SIGN IN SITU
SCALE 1:20

PANEL CONTENT TO BE CONFIRMED AND
APPROVED BY DFM EXECUTIVE DIRECTOR



TYPICAL FRONT VIEW
SCALE 1:25

TYPICAL ASSEMBLY
SCALE NTS



TYPICAL REAR VIEW
SCALE 1:25



Open Day – 2 August 2020

Explore Day – 10 March 2020

Open Day – 9 August 2020

Explore Day – 17 March 2020

Open Day – 16 August 2020

Explore Day – 24 March 2020

Open Day – 23 August 2020

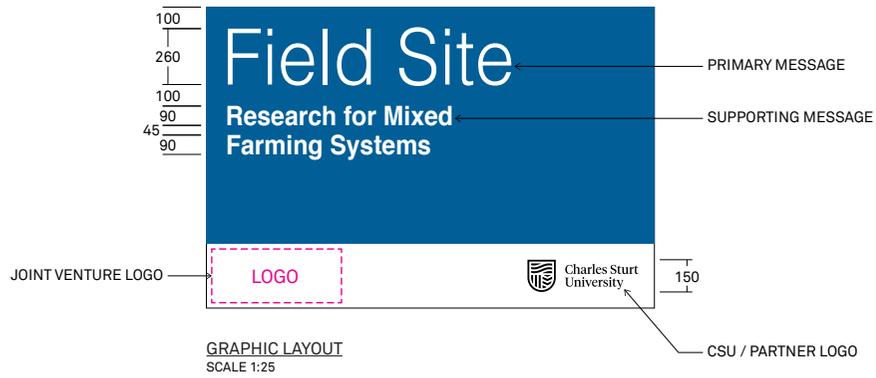
Explore Day – 31 March 2020

Open Day – 30 August 2020

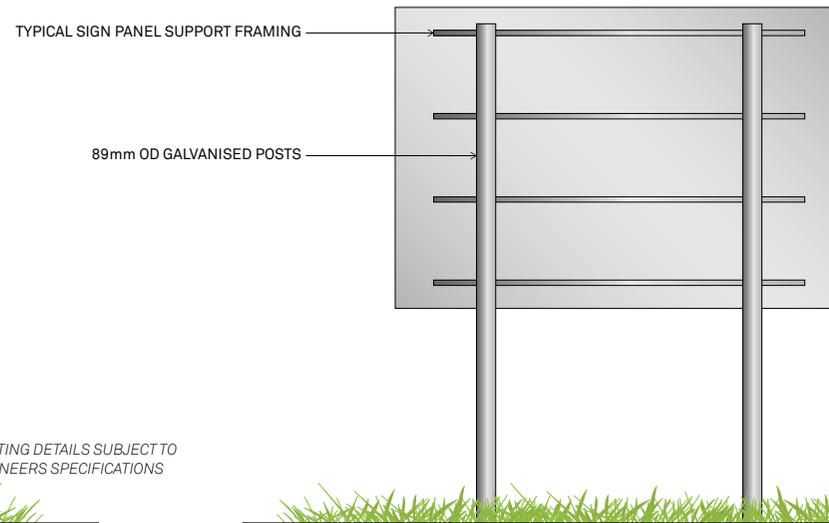
Explore Day – 28 April 2020

Open Day – 5 September 2020

Standard Charles Sturt artwork



TYPICAL FRONT VIEW
SCALE 1:25



TYPICAL REAR VIEW
SCALE 1:25

SIGN SIZES

LARGE: 3000mm x 2200mm
MEDIUM: 2400mm x 1760
SMALL: 1800 x 1250

ALL CONTENT TO BE SUPPLIED IN THESE SIZES

Construction signage shall be installed on all projects. The extent of the signage shall be determined by the construction value and funding source.

All construction signage shall be approved by the Executive Director, Facilities Management. As a guide, the following shall occur:

Projects up to \$250,000 in value:
Temporary signage in accordance with the relevant sign detailed in this section.

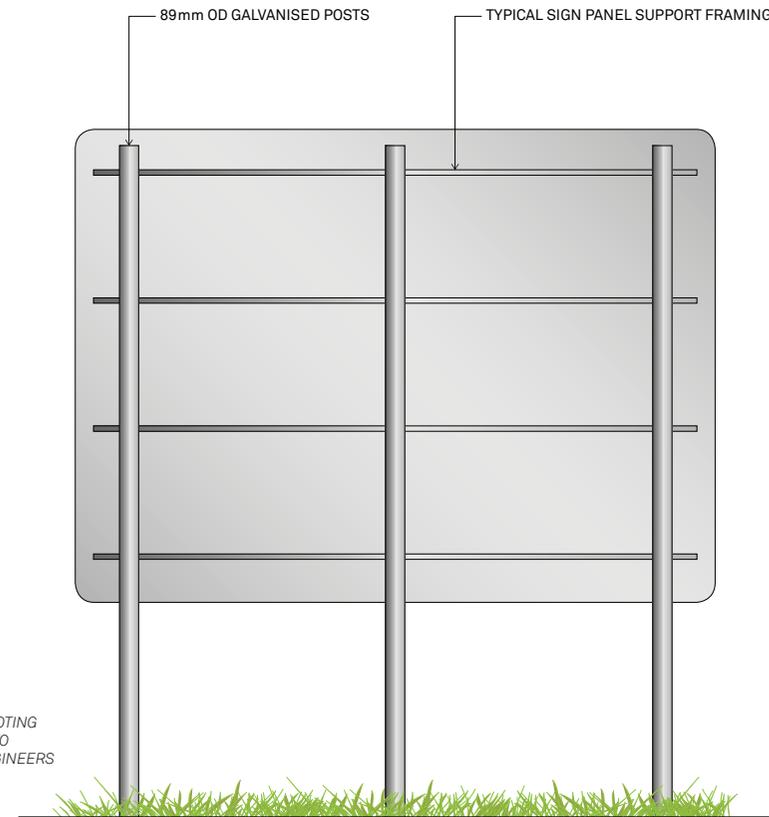
Projects up to \$1,000,000 in value:
Temporary signage in accordance with the relevant sign detailed in this section..

Projects with a value greater than \$1,000,000 with no Government or third party funding:
Semi-permanent signage in accordance with the relevant sign detailed in the Miscellaneous Signs Section. Typically the signs shall be mounted on the construction site perimeter fence.

Projects with a value of greater than \$1,000,000 and with Government and third party funding components:
Permanent signage for the duration of the project in accordance with the relevant sign detailed in this section. The signs shall be free standing and the sign shall remain for a period of six months after reaching practical completion.



TYPICAL FRONT VIEW - LARGE
SCALE 1:25



TYPICAL REAR VIEW
SCALE 1:25

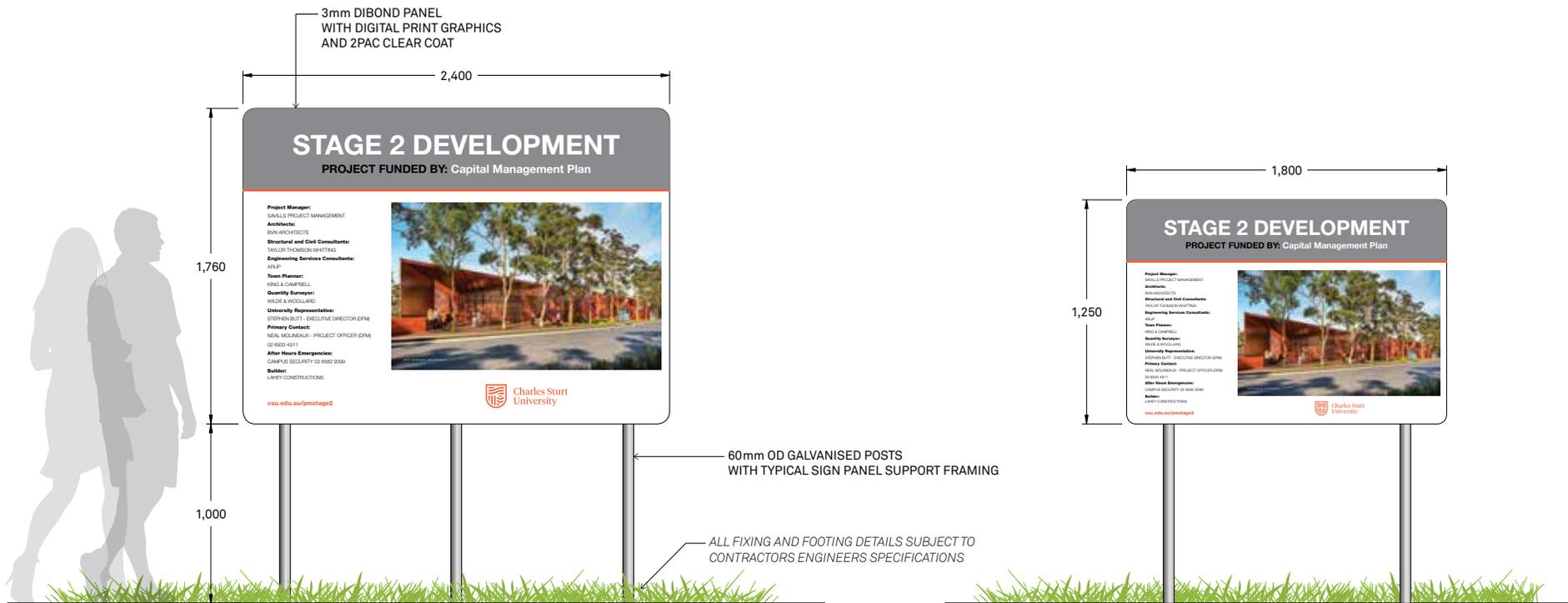
SIGN SIZES

LARGE: 3000mm x 2200mm

MEDIUM: 2400mm x 1760

SMALL: 1800 x 1250

ALL CONTENT TO BE SUPPLIED IN THESE SIZES



TYPICAL FRONT VIEW - MEDIUM
SCALE 1:25

TYPICAL FRONT VIEW - SMALL
SCALE 1:25

Material

2 types of banner material for use, determined by site conditions and requirements;

- Standard Banner Mesh (80% fabric) for privacy, low wind exposure, very high print quality and durability
- Open Weave Banner Mesh (50% fabric) for low privacy, moderate to high wind exposure, high print quality

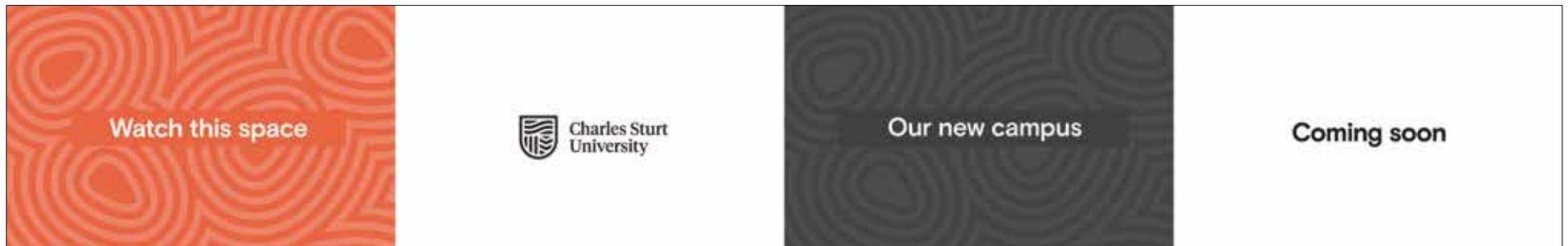
Size & Finish

Finish size approx. 1,800mm high
(confirm hoarding / fence size) x required length
(3,500mm for individual fence panels or 'x' amount of meters for larger sites)

Hemmed (50mm to all edges) and eyeleted (approx. every 600mm) to allow fixings

DFM Executive to approve all final artwork, and any designs outside of the above procedures (prior to printing)

Standard Charles Sturt Hoarding Example



External signage

Material

2 types of banner material for use, determined by site conditions and requirements;

- Standard Banner Mesh (80% fabric) for privacy, low wind exposure, very high print quality and durability
- Open Weave Banner Mesh (50% fabric) for low privacy, moderate to high wind exposure, high print quality

Size & Finish

Finish size approx. 1,800mm high (confirm hoarding / fence size) x required length (3,500mm for individual fence panels or 'x' amount of meters for larger sites)

Hemmed (50mm to all edges) and eyeleted (approx. every 600mm) to allow fixings

Charles Sturt University Word Mark

Charles Sturt word mark and appropriate web address will appear on hoarding with Charles Sturt primary and secondary colours with the positioning to be at;

- Top left of hoarding or bottom right of hoarding
- Other secondary word marks (building company, developers, partnership or sponsorship) at bottom of Site Hoarding

Size of word mark; Minimum of 900mm wide

Graphic / Artwork

Digital illustration or professional photograph for advertising purposes can appear on the hoarding either as;

- Any high resolution professional photographic image accompanied with text (full colour or black and white),
- Vector illustration as a digital design accompanied with text (full colour or black and white)
- Darker colours to be considered (at the bottom 1/3 as a minimum)
- Charles Sturt Primary and Secondary colours to be considered throughout design

DFM Executive to approve all final artwork, and any designs outside of the above procedures (prior to printing)

4.63 Site hoarding

SHF

Site hoarding
Freestanding
Single sided
Non-illuminated

Solar



1 fence panel wide



2 fence panels wide
Example of CSU Wordmark, contractors company and supporting logos

SSAF Funding



Example of professional photography

Example of vector illustration

New Development



Example of vector illustration

Example of additional text



A-FRAME

POWDER COATED STEEL FRAME,
 ENSURE WEATHERPROOF CONSTRUCTION TO SUIT
 EXTERNAL ENVIRONMENT

INSERTS

GRAPHICS PRINTED TO CORFLUTE OR METAL
 PANEL INSERTS

2x SLIDE IN PANELS PER A-FRAME, EACH PANEL
 PRINTED ON ONE SIDE ONLY

GRAPHIC NOTES

*SIGNS FOR VEHICULAR ROUTES TO BE
 RETRO-REFLECTIVE TO ENSURE HIGH VISIBILITY FOR
 EVENING AND NIGHT EVENTS.*

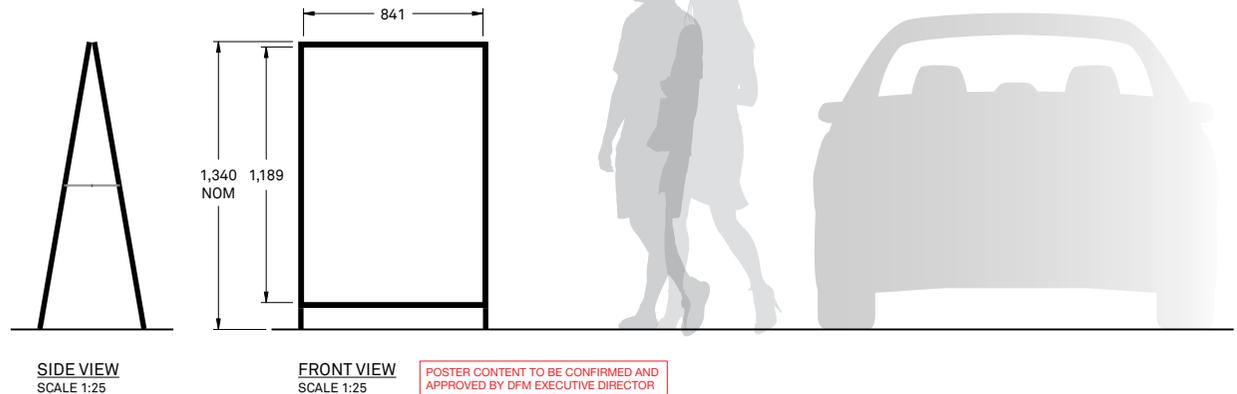
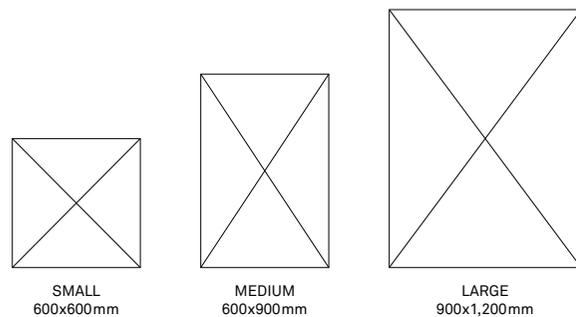
*ALL DIRECTIONAL ARROWS TO BE SEPARATE
 ELEMENTS TO THE POSTER INSERT AND BACKED WITH
 MAGNETIC TAPE TO BE POSITIONED IN APPROPRIATE
 STREET DIRECTION.*

5mm BLEED AROUND ALL ARTWORK

Insert Panel Size (WxH)	Typical Usage
Small 600x600mm	Within buildings to direct to a room, facilities or similar.
Medium 600x900mm	Beside paths or building entrances to direct visitors to a building entrance for conferences, meetings etc.
Large 900x1,200mm	Beside roads and paths to direct vehicles to car parks for events such as graduation etc.



3D VIEW
 NOT TO SCALE



SIDE VIEW
 SCALE 1:25

FRONT VIEW
 SCALE 1:25

POSTER CONTENT TO BE CONFIRMED AND APPROVED BY DFM EXECUTIVE DIRECTOR

Directional signage



Division / Faculty / Third party signage



Inclusion of relevant brand colour of company logo

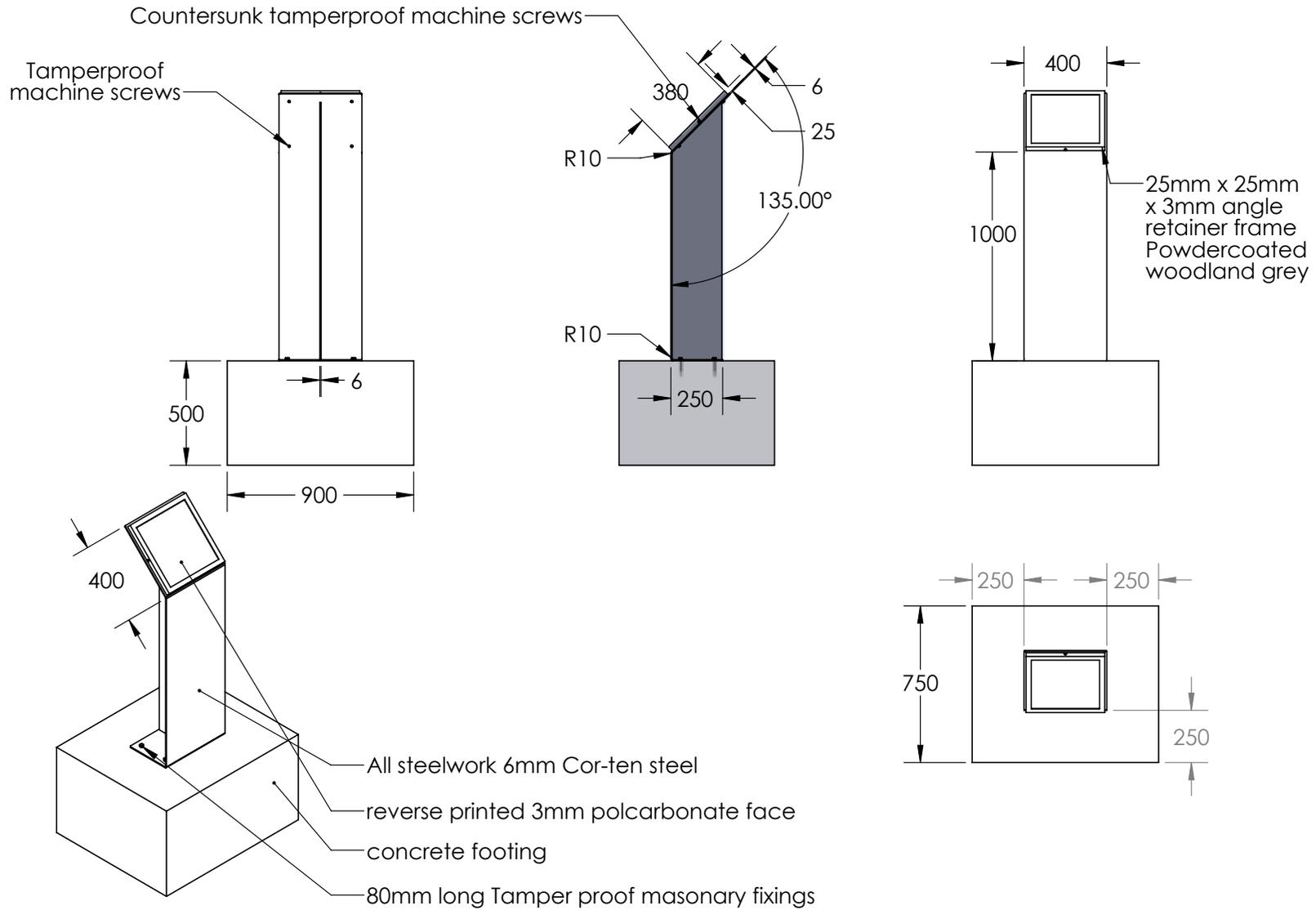
Awareness signage

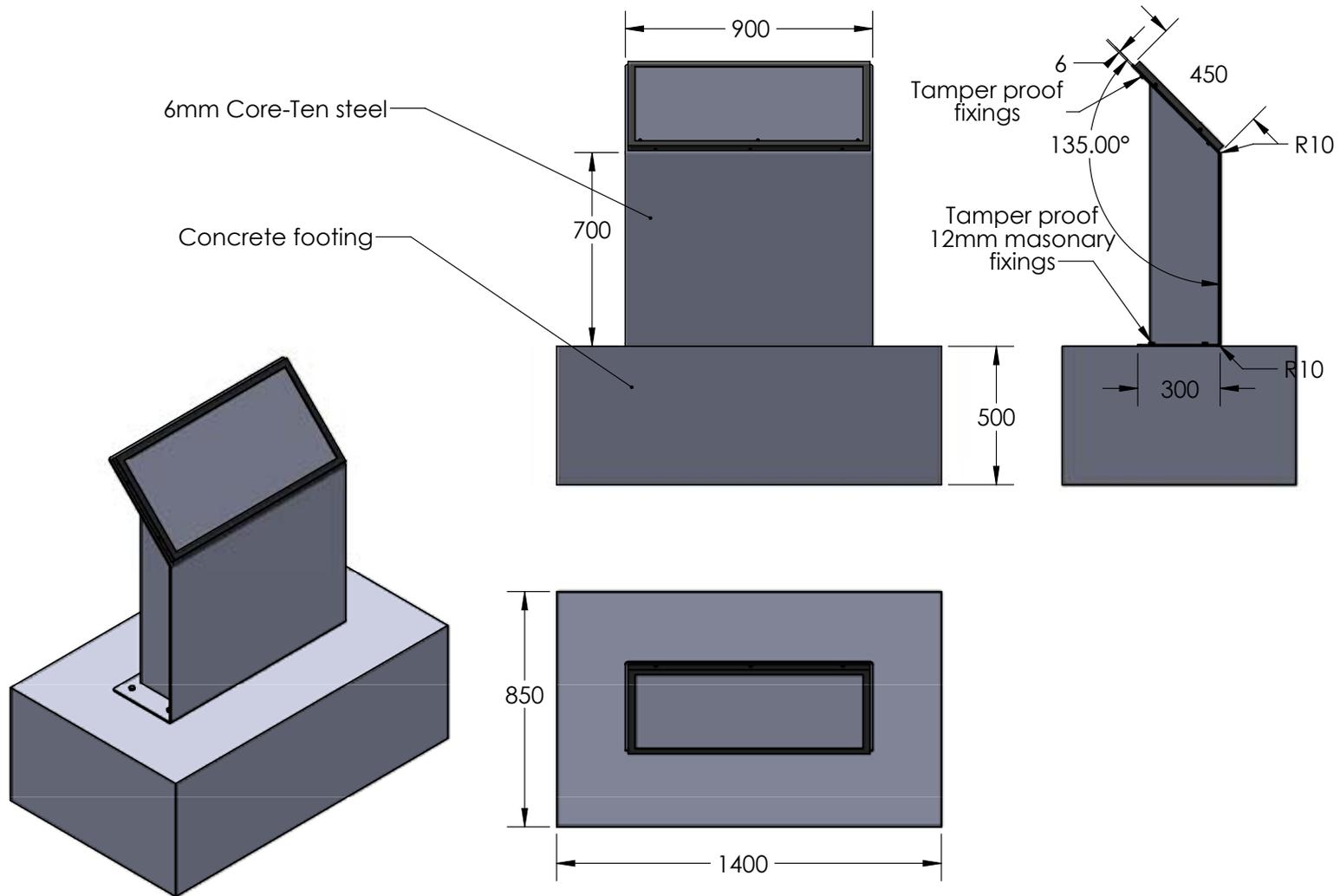


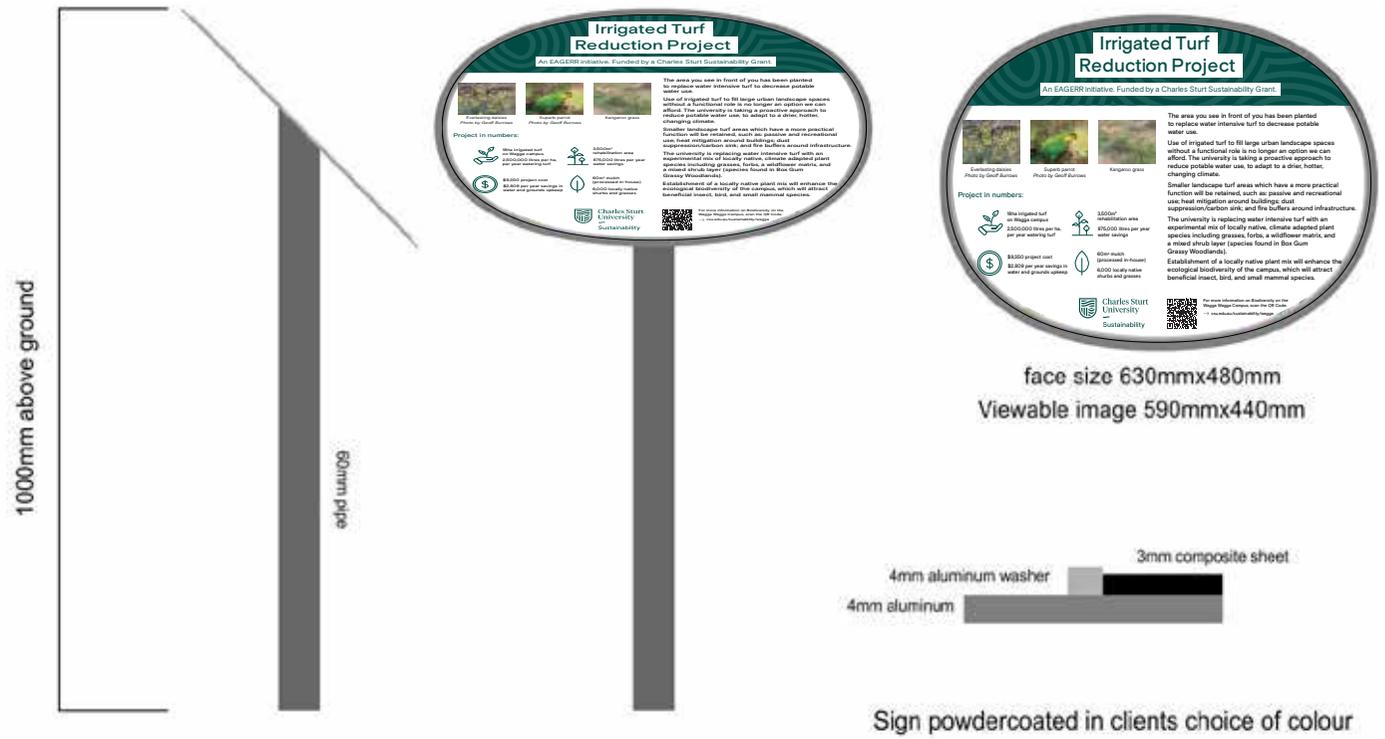
Project specific signage



GRAPHIC NOTES
SIGNS FOR VEHICULAR ROUTES TO BE RETRO-REFLECTIVE TO ENSURE HIGH VISIBILITY FOR EVENING AND NIGHT EVENTS.
ALL DIRECTIONAL ARROWS TO BE SEPARATE ELEMENTS TO THE POSTER INSERT AND BACKED WITH MAGNETIC TAPE TO BE POSITIONED IN APPROPRIATE STREET DIRECTION.
5mm BLEED AROUND ALL ARTWORK







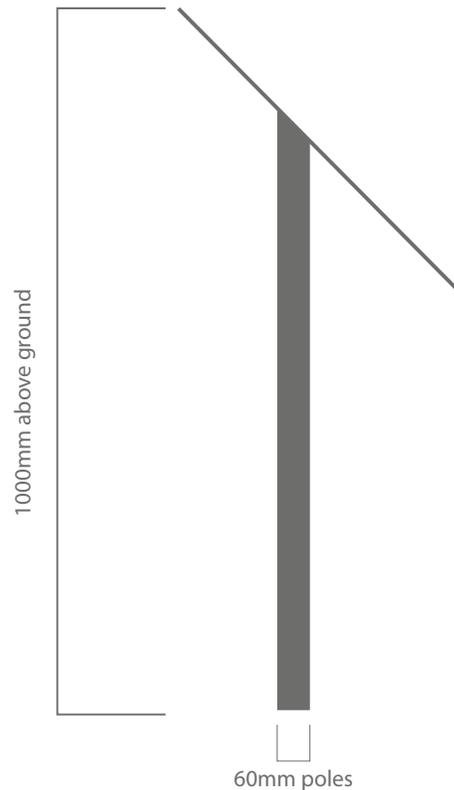
REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION

Recommendations:

- Standardise sign size to align with new sizes
- Update graphic layout to align with recommended viewing zones for pedestrians (reference Australian Standards AS 1428.2) and to increase legibility
- Incorporate Charles Sturt brand colours and patterns



Sign powdercoated in clients choice of colour



Face size: 1000 x 740
Viewable image 980 x 700

REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION
Recommendations:
 - Standardise sign size to align with new sizes
 - Update graphic layout to align with recommended viewing zones for pedestrians (reference Australian Standards AS 1428.2) and to increase legibility
 - Incorporate Charles Sturt brand colours and patterns

Irrigated Turf Reduction Project

An EAGERR initiative. Funded by a Charles Sturt Sustainability Grant.



Everlasting daisies
Photo by Geoff Burrows



Superb parrot
Photo by Geoff Burrows



Kangaroo grass

The area you see in front of you has been planted to replace water intensive turf to decrease potable water use.

Use of irrigated turf to fill large urban landscape spaces without a functional role is no longer an option we can afford. The university is taking a proactive approach to reduce potable water use, to adapt to a drier, hotter, changing climate.

Smaller landscape turf areas which have a more practical function will be retained, such as: passive and recreational use; heat mitigation around buildings; dust suppression/carbon sink; and fire buffers around infrastructure.

The university is replacing water intensive turf with an experimental mix of locally native, climate adapted plant species including grasses, forbs, a wildflower matrix, and a mixed shrub layer (species found in Box Gum Grassy Woodlands).

Establishment of a locally native plant mix will enhance the ecological biodiversity of the campus, which will attract beneficial insect, bird, and small mammal species.

Project in numbers:

 <p>18ha irrigated turf on Wagga campus 2,500,000 litres per ha, per year watering turf</p>	 <p>3,500m² rehabilitation area 875,000 litres per year water savings</p>
 <p>\$9,350 project cost \$2,809 per year savings in water and grounds upkeep</p>	 <p>60m³ mulch (processed in-house) 6,000 locally native shrubs and grasses</p>



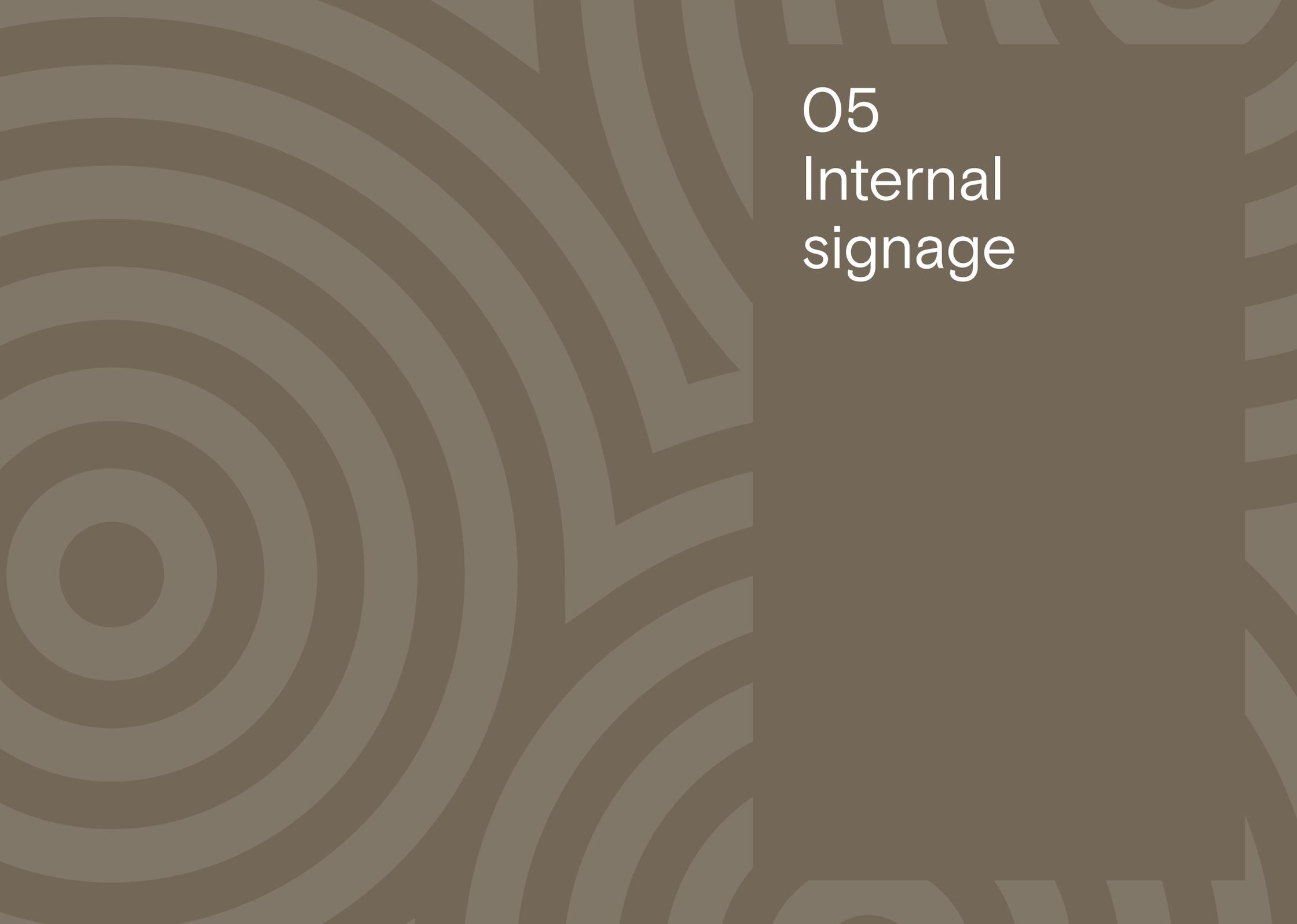


For more information on Biodiversity on the Wagga Wagga Campus, scan the QR Code.
 → csu.edu.au/sustainability/wagga

REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION

Recommendations:

- Standardise sign size to align with new sizes
- Update graphic layout to align with recommended viewing zones for pedestrians (reference Australian Standards AS 1428.2) and to increase legibility
- Incorporate Charles Sturt brand colours and patterns



05
Internal
signage

Internal signage suite



BDT **Building directory totem**
 Freestanding
 Double sided
 Non-illuminated

Identifies building number and name (where applicable), levels and key destinations. Located at key building entries.



BDW **Building directory**
 Wall mounted
 Single sided
 Non-illuminated

Identifies building number and name (where applicable), levels and key destinations. Located at key building entries.



LDT **Level directory totem**
 Freestanding
 Double sided
 Non-illuminated

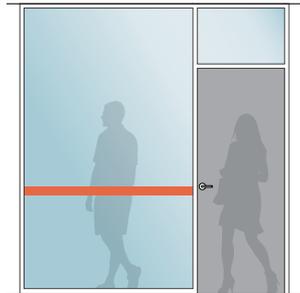
Identifies building number, current floor, levels and key destinations. Located at stairways and vertical transition points.



LDW **Lift directory**
 Wall mounted
 Single sided
 Non-illuminated

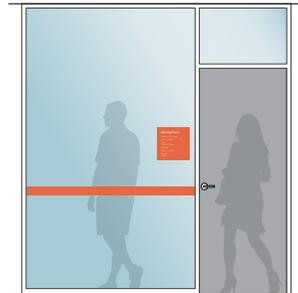
Identifies building number, current floor, levels and key destinations. Located adjacent to lifts and stairs.

Internal signage suite



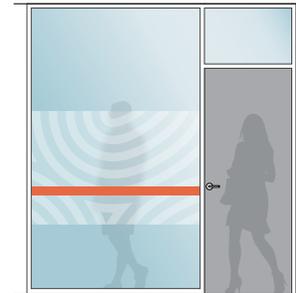
SS **Safety strip**
Glazing mounted
Single sided
Non-illuminated

Regulatory signage for the visibility of glazing in accordance with Australian Standards.



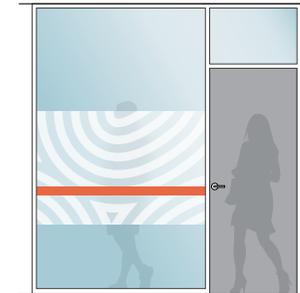
EI **Entry information**
Glazing mounted
Single sided
Non-illuminated

Provides information and opening hours for key destinations. Located adjacent to entries.



GS-L **Glazing screen (low privacy)**
Glazing mounted
Single sided
Non-illuminated

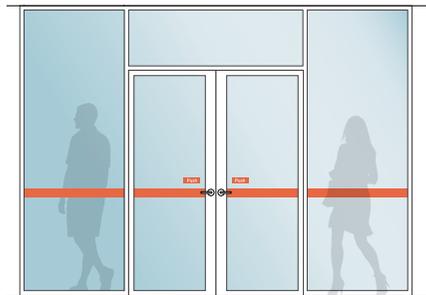
Provides privacy for rooms or designated areas where required.



GS-M **Glazing screen (medium privacy)**
Glazing mounted
Single sided
Non-illuminated

Provides privacy for rooms or designated areas where required.

Internal signage suite



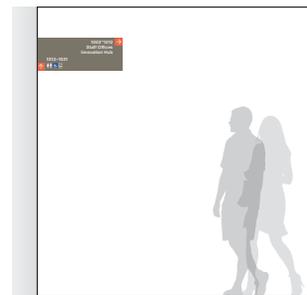
PP **Push / Pull decal**
 Glazing mounted
 Single sided
 Non-illuminated

Indicates operation of glazed doors.



DW **Directional wall mounted**
 Wall mounted
 Single sided
 Non-illuminated

Directs to key destinations, rooms and amenities. Located on key pathways and decision points.



DC-S **Directional cantilevered (small) / (medium)**
DC-M
 Cantilevered
 Double sided
 Non-illuminated

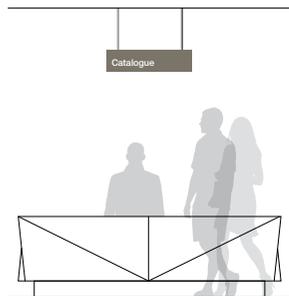
Directs to key destinations, rooms and amenities. Located on key pathways and decision points.



DS-S **Directional suspended (small) / (medium)**
DS-M
 Suspended
 Double sided
 Non-illuminated

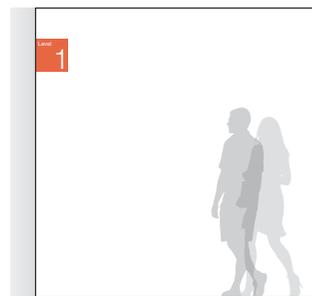
Directs to key destinations, rooms and amenities. Located on key pathways and decision points.

Internal signage suite



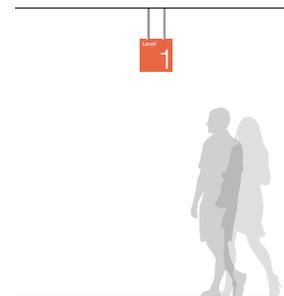
RIDS **Reception identification**
Suspended
Single sided
Non-illuminated

Identifies building reception, customer service points and key destinations.



IDC **Identification cantilevered**
Cantilevered
Double sided
Non-illuminated

Identifies levels, destinations, lifts and amenities.



IDS **Identification suspended**
Suspended
Double sided
Non-illuminated

Identifies levels, destinations, lifts and amenities.



IDW **Identification wall mounted**
Wall mounted
Single sided
Non-illuminated

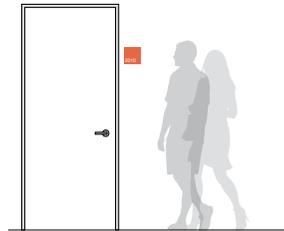
Identifies levels, destinations, lifts and amenities.

Internal signage suite



RID-A **Room identification (interchangeable)**
Wall mounted
Single sided
Non-illuminated

Identifies room number, function or occupants. Mounted on wall next to latch side of door.



RID-B **Room identification (static)**
Wall mounted
Single sided
Non-illuminated

Identifies room number. Mounted on wall next to latch side of door.



AB **Amenities braille**
Wall mounted
Single sided
Non-illuminated

Identifies amenities with tactile and braille content. Mounted on wall next to latch side of door.

Internal signage suite



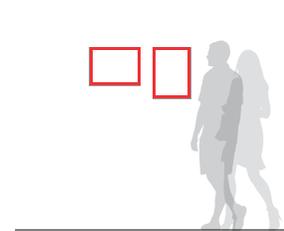
EB **Exit braille**
Wall mounted
Single sided
Non-illuminated

Identifies stairwell exits with braille and tactile content.



ST **Statutory sign**
Wall mounted
Single sided
Non-illuminated

Identifies fire hose reels, fire indicator panels, and emergency exits as per Australian Standards.



ED **Evacuation diagram**
Wall mounted
Single sided
Non-illuminated

Identifies emergency egress routes.



SPW **Security phone**
Wall mounted
Single sided
Non-illuminated

Identifies operation of security phones and help points.

Internal signage suite



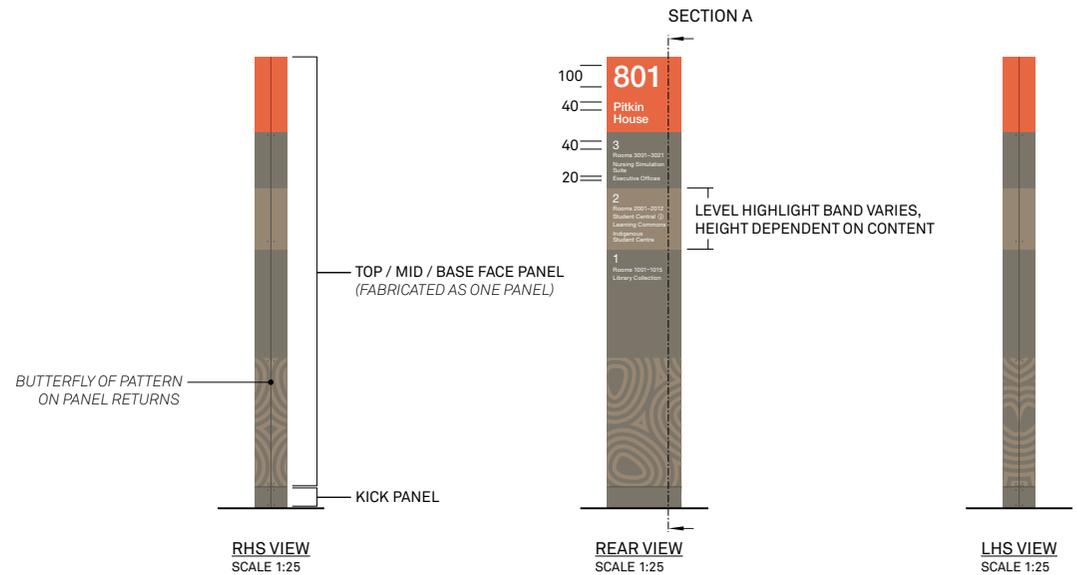
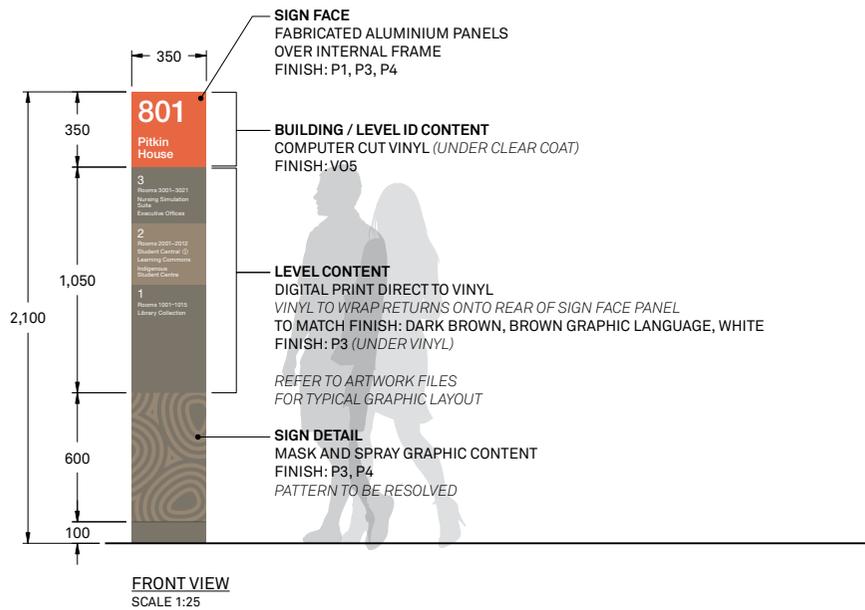
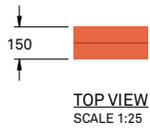
IDI **Identification instruction**
Wall mounted
Single sided
Non-illuminated

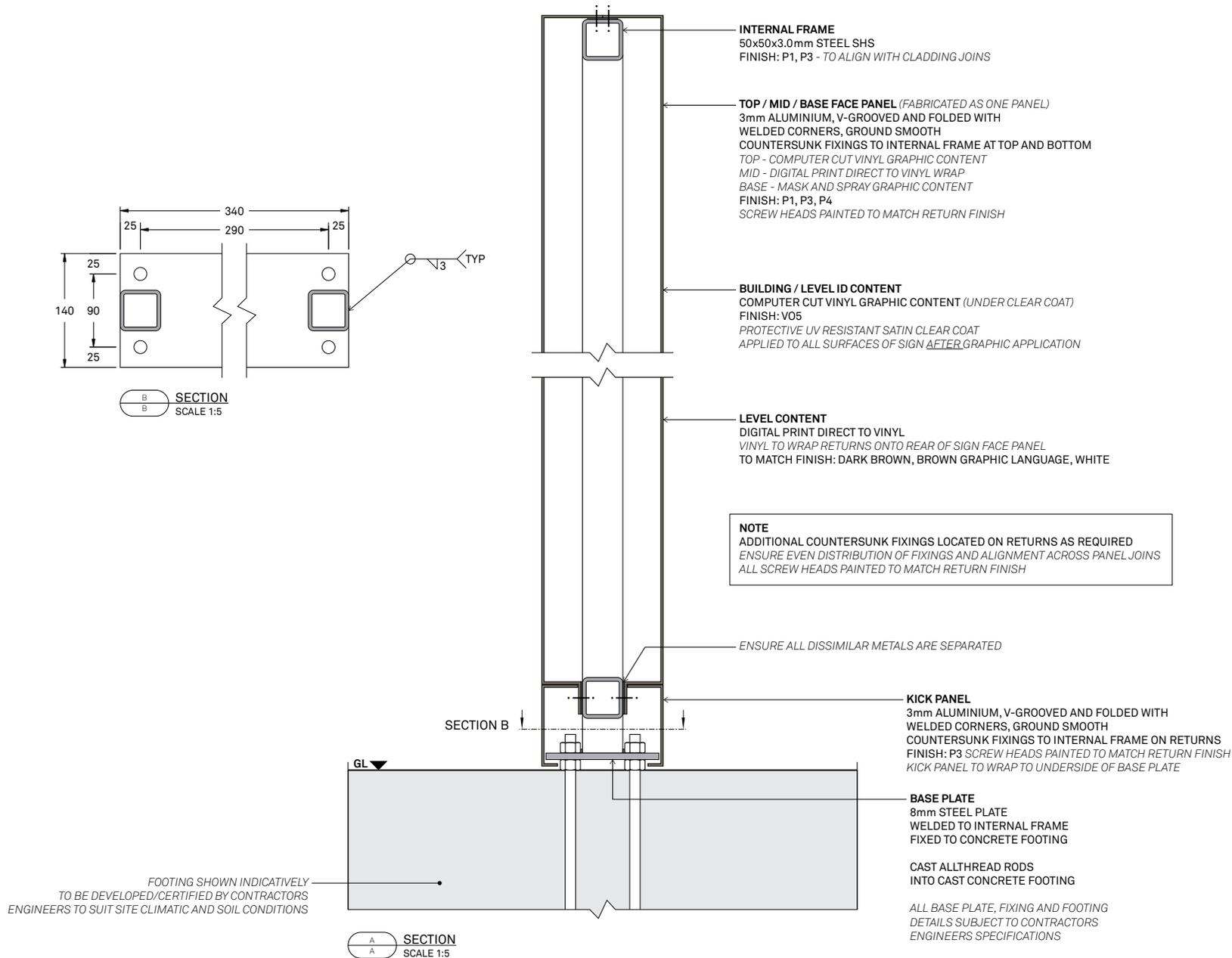
Identifies instructions or conditions for compliance and consent.



HB **Honour board**
Wall mounted
Single sided
Non-illuminated

Identifies donors or benefactors for nominated destinations and spaces.





SIGN FACE

10mm ACRYLIC PANEL
VHB TAPED AND SILICONE FIXED TO SPACER PANEL
CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE
AND ENSURE ADHESION METHOD IS NOT VISIBLE

SIGN SPACER

10mm ACRYLIC SPACER PANEL
10mm INSET ALL AROUND
FINISH: P3
SPACER MECHANICALLY FIXED TO EXISTING WALL SUBSTRATE
WITH COUNTERSUNK FIXINGS LOCATED UNDER SIGN FACE
CONTRACTOR TO ENSURE SECURE FIXING TO SUIT SUBSTRATE
AND ENSURE FIXING METHOD IS NOT VISIBLE

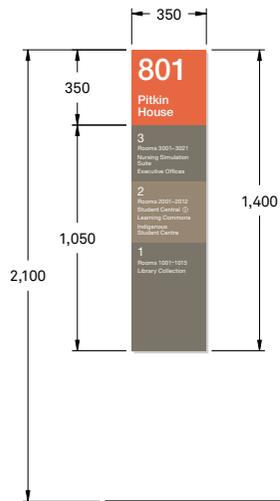
BUILDING / LEVEL ID CONTENT

COMPUTER CUT VINYL GRAPHIC CONTENT (UNDER CLEAR COAT)
FINISH: V05
PROTECTIVE UV RESISTANT SATIN CLEAR COAT
APPLIED TO ALL SURFACES OF SIGN AFTER GRAPHIC APPLICATION

LEVEL CONTENT

DIGITAL PRINT DIRECT TO VINYL
VINYL TO WRAP RETURNS ONTO REAR OF SIGN FACE PANEL
TO MATCH FINISH: DARK BROWN, BROWN GRAPHIC LANGUAGE, WHITE
FINISH: P3 (UNDER VINYL)

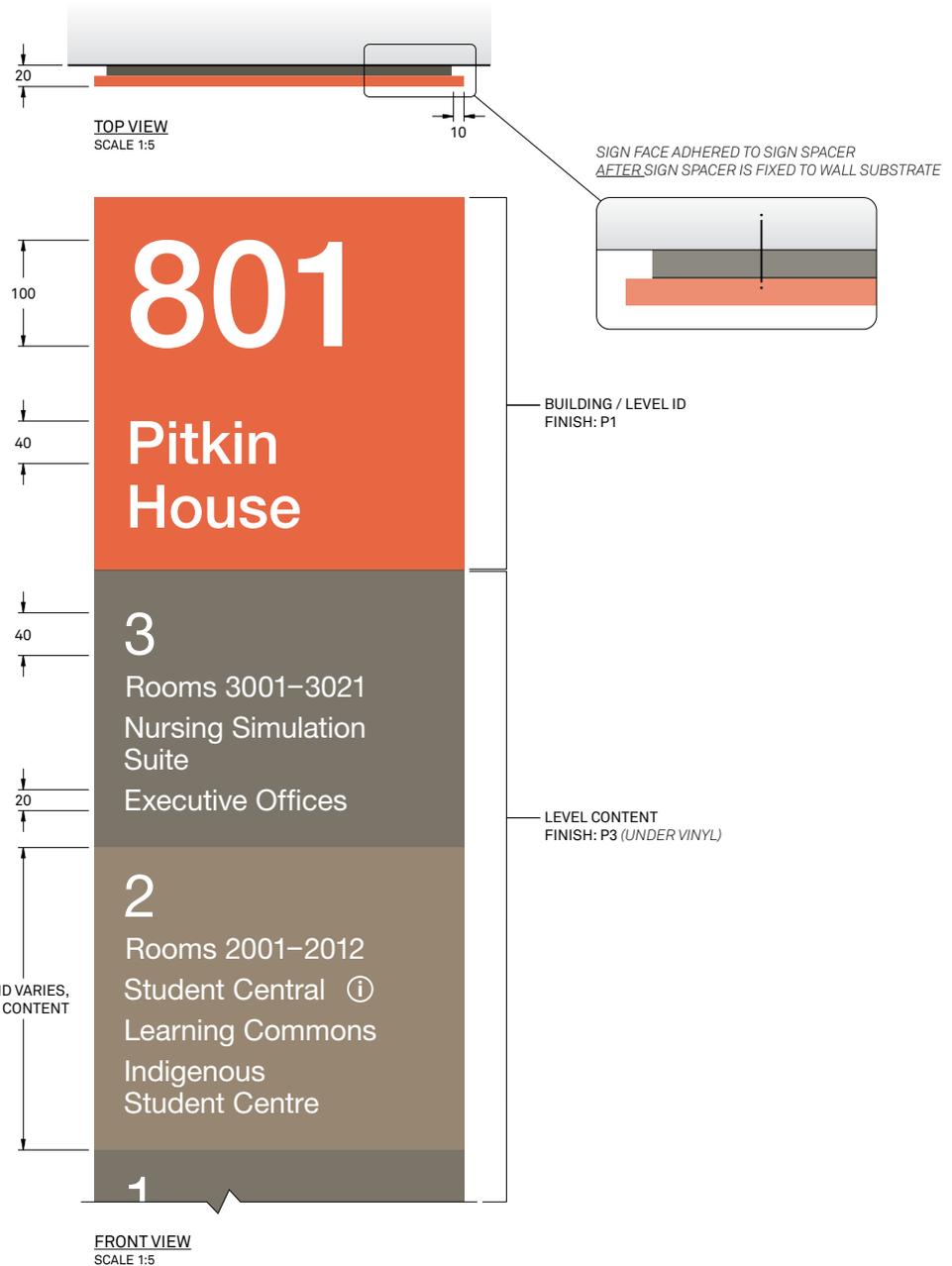
REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT



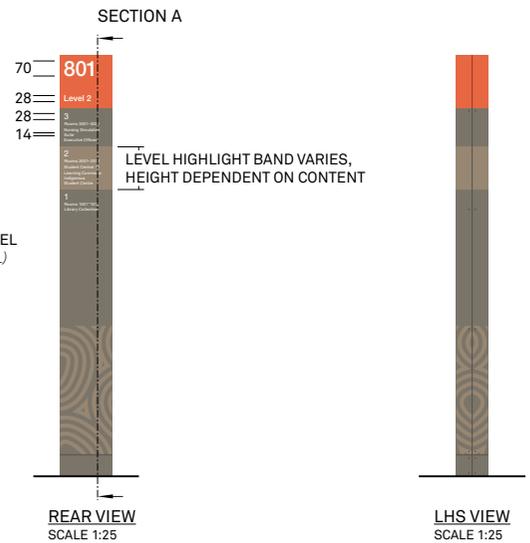
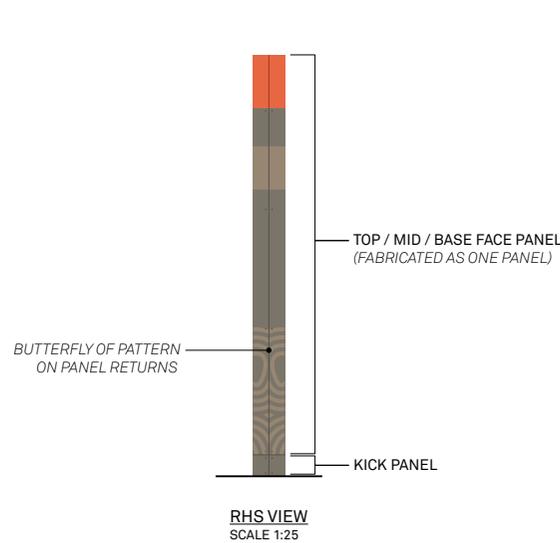
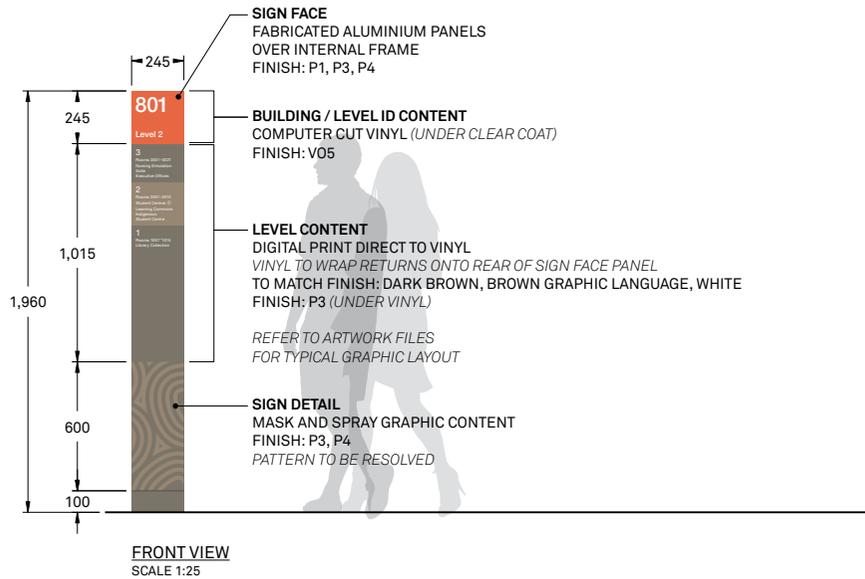
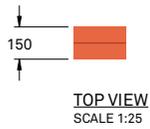
TYPICAL SIGN IN SITU
SCALE 1:25



LEVEL HIGHLIGHT BAND VARIES,
HEIGHT DEPENDENT ON CONTENT



FRONT VIEW
SCALE 1:5



The following options illustrate typical scenarios for the installation of the LDT level directory totem.

Signs should be located at both the top and bottom of the stairwell, to provide users with the information at the appropriate decision point before they make the level change.

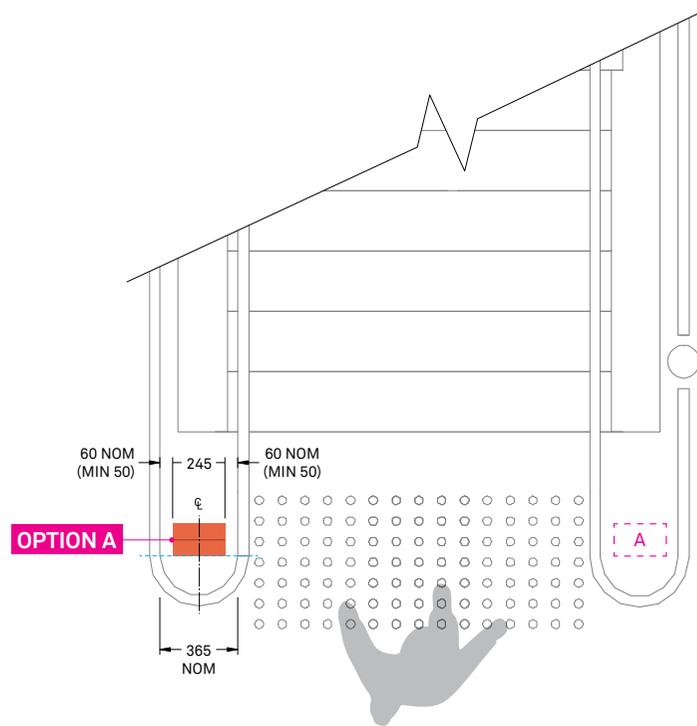
Signs to be single sided in all scenarios illustrated, with content facing direction of approach to the stairway entry.
Content on the rear of the signs would create a hazard if read while users are traversing the stairs.

OPTION A

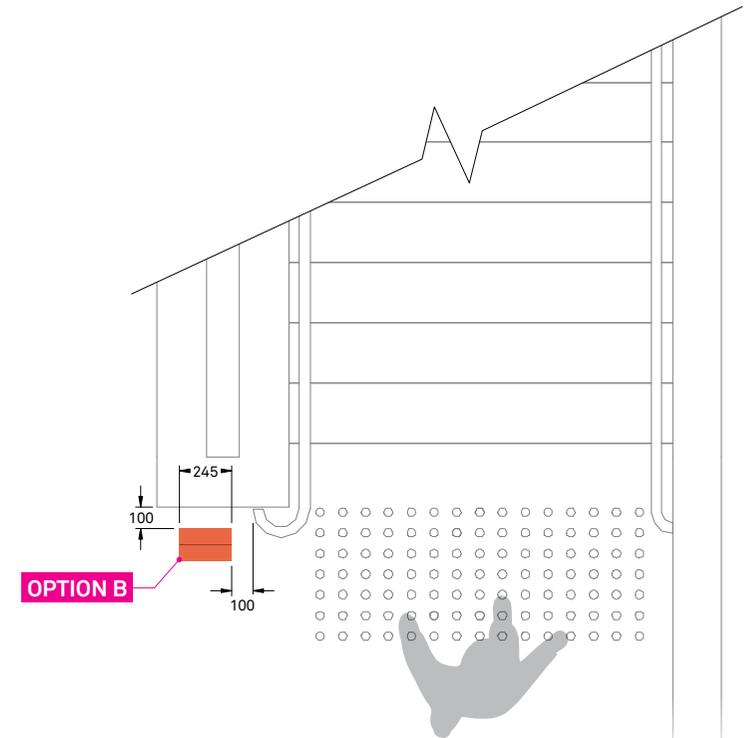
Level directory totem located on inner edge of handrail to the LHS or RHS of stairs (depending on most appropriate approach). Minimum 50mm clearance between sign and handrail to all sides.

OPTION B

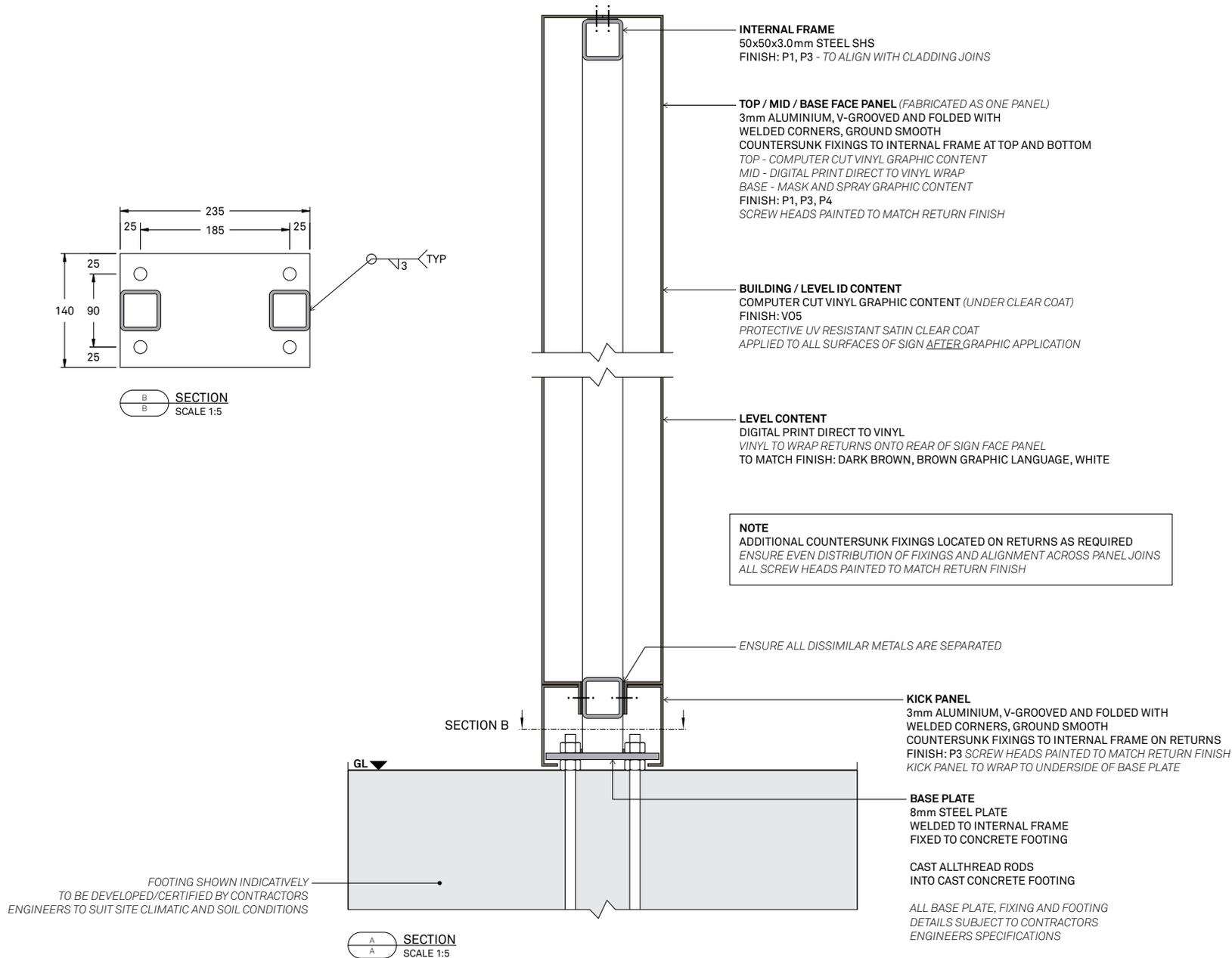
Scenarios where the inner edge of the handrail does not allow adequate clearance, and there is an adjacent wall to LHS or RHS of stairwell entry, sign to be located in front of wall at minimum 100mm from edge of handrail.



TOP VIEW - OPTION A
 SCALE 1:25



TOP VIEW - OPTION B
 SCALE 1:25



SIGN FACE

10mm ACRYLIC PANEL
VHB TAPED AND SILICONE FIXED TO SPACER PANEL
CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE
AND ENSURE ADHESION METHOD IS NOT VISIBLE

SIGN SPACER

10mm ACRYLIC SPACER PANEL
10mm INSET ALL AROUND
FINISH: P3
SPACER MECHANICALLY FIXED TO EXISTING WALL SUBSTRATE
WITH COUNTERSUNK FIXINGS LOCATED UNDER SIGN FACE
CONTRACTOR TO ENSURE SECURE FIXING TO SUIT SUBSTRATE
AND ENSURE FIXING METHOD IS NOT VISIBLE

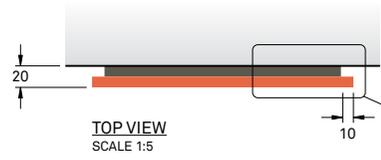
BUILDING / LEVEL ID CONTENT

COMPUTER CUT VINYL GRAPHIC CONTENT (UNDER CLEAR COAT)
FINISH: V05
PROTECTIVE UV RESISTANT SATIN CLEAR COAT
APPLIED TO ALL SURFACES OF SIGN AFTER GRAPHIC APPLICATION

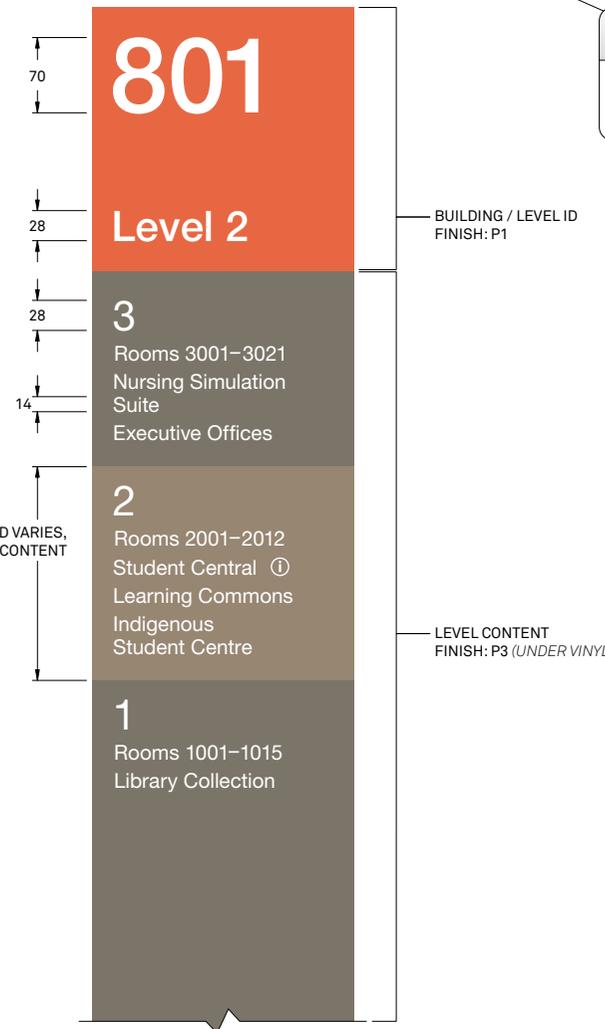
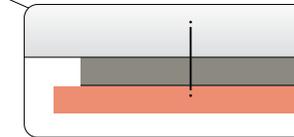
LEVEL CONTENT

DIGITAL PRINT DIRECT TO VINYL
VINYL TO WRAP RETURNS ONTO REAR OF SIGN FACE PANEL
TO MATCH FINISH: DARK BROWN, BROWN GRAPHIC LANGUAGE, WHITE
FINISH: P3 (UNDER VINYL)

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT



SIGN FACE ADHERED TO SIGN SPACER
AFTER SIGN SPACER IS FIXED TO WALL SUBSTRATE





Safety strip
 Glazing mounted
 Single sided
 Non-illuminated

Note: The NCC (National Construction Code) and AS (Australian Standards) states the following:

NCC 2016 Vol.1 Section D3.12

Glazing on an access way, where there is no chair rail, handrail or transom, all frameless or fully glazed doors, sidelights and any glazing capable of being mistaken for a doorway or opening, must be clearly marked in accordance with AS1428.1.

AS 1428.1 Section 6.6

Where there is no chair rail, handrail or transom, all frameless or fully glazed doors, sidelights, including any glazing capable of being mistaken for a doorway or opening, shall be clearly marked for their full width with a solid contrasting line. The contrasting line shall be not less than 75 mm wide and shall extend across the full width of the glazing panel. The lower edge of the contrasting line shall be located between 900 mm and 1000 mm above the plane of the finished floor level. Any contrasting line on the glazing shall provide a minimum of 30% luminance contrast when viewed against the floor surface or surfaces within 2 m of the glazing on the opposite side.

CONTRACTOR TO ENSURE SIGNAGE CONFORMS TO THE AUSTRALIAN STANDARDS, BUILDING AND CONSTRUCTION CODES.

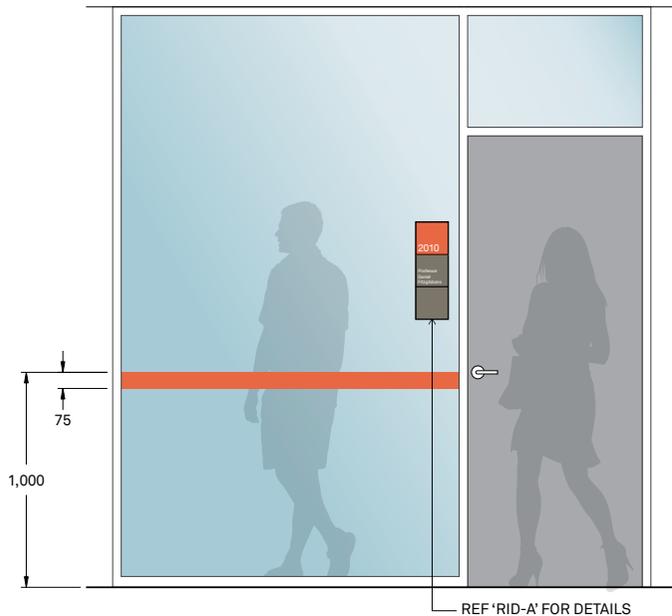
CONTRACTOR TO SELECT APPROPRIATE VINYL FINISH (VO1 OR VO3) USING ARCHITECT'S FLOOR FINISHES SCHEDULE TO ENSURE SAFETY STRIPS ACHIEVE ADEQUATE LUMINENCE CONTRAST TO FLOOR FINISH.

SAFETY STRIP
 COMPUTER CUT VINYL APPLIED TO GLAZING
 ENSURE SIGN MEETS REQUIRED LUMINANCE CONTRAST
 FINISH: VO1

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT



FRONT VIEW
 SCALE 1:1



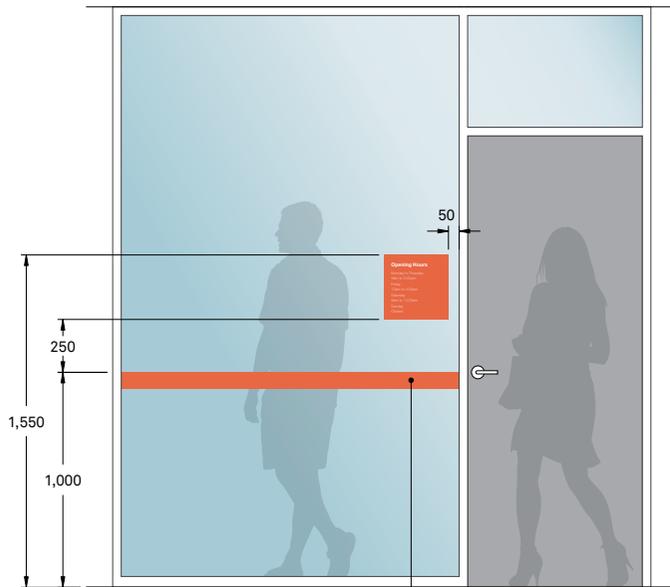
TYPICAL SIGN IN SITU
 SCALE 1:25

REF 'RID-A' FOR DETAILS

24HR SPACES, LEARNING COMMONS AND PARENT ROOM
SIGNAGE / GRAPHICS WILL BE CONSIDERED ON A CASE BY CASE BASIS.

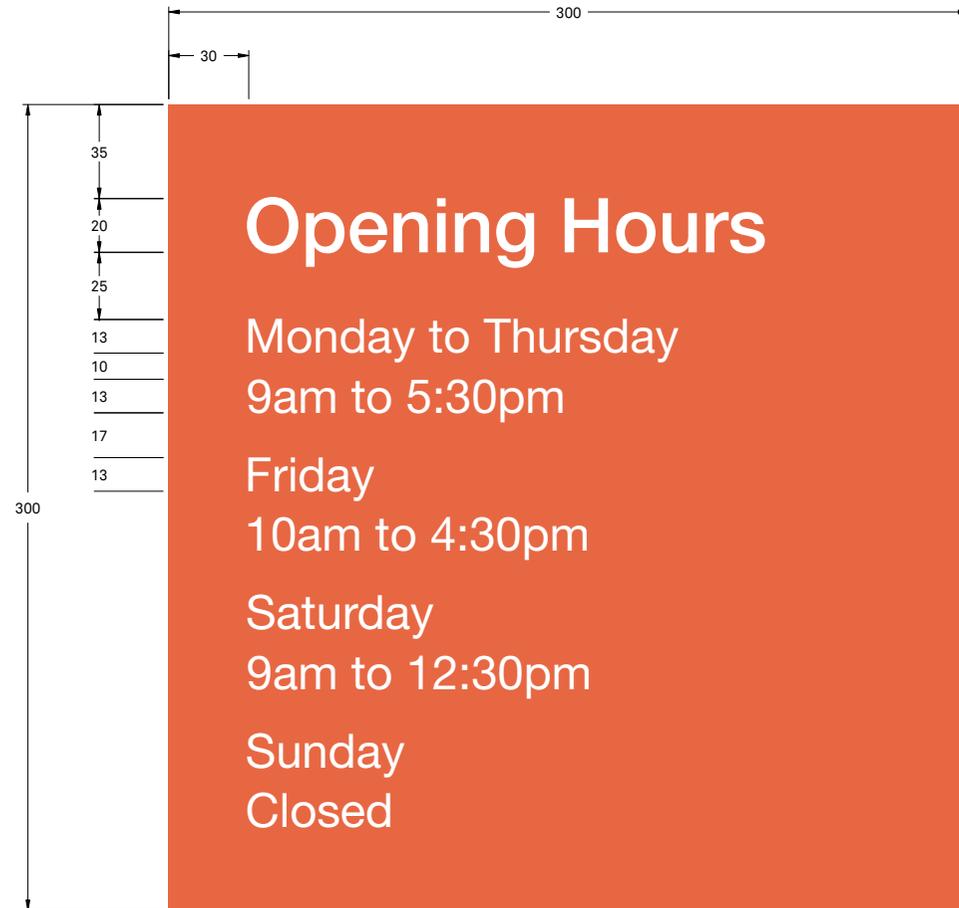
GRAPHICS
DIGITAL PRINT DIRECT TO VINYL
EXTERNALLY APPLIED TO GLAZING
PROTECTIVE UV RESISTANT SATIN CLEAR OVERLAMINATE
APPLIED TO ENTIRE GRAPHIC AFTER PRINT APPLICATION

PLACEHOLDER HOURS SHOWN



TYPICAL SIGN IN SITU
SCALE 1:25

REF 'SS' FOR DETAILS



FRONT VIEW
SCALE 1:2

GS-L

Glazing screen (low privacy)
 Glazing mounted
 Single sided
 Non-illuminated

GS-M

Glazing screen (medium privacy)
 Glazing mounted
 Single sided
 Non-illuminated

FINAL OPACITY OF ALL PRIVACY SCREENS TO BE CONFIRMED AND APPROVED BY DFM EXECUTIVE DIRECTOR

LOW PRIVACY OPTION
 DIGITAL PRINT TO SELF ADHESIVE CLEAR VINYL
 APPLIED TO INSIDE OF GLAZING

30% WHITE PATTERN OVER
 15% WHITE BASE

REFER TO 'CSU BRAND GUIDELINES' FOR FURTHER INFORMATION
 ON THE GRAPHIC LANGUAGE PATTERNS AND CURRENT GRAPHIC ASSETS

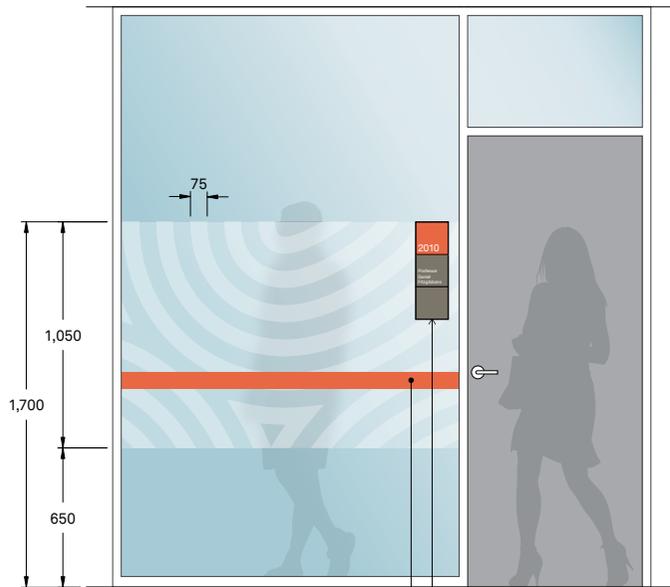
75mm PATTERN STROKE TO BE MAINTAINED

MEDIUM PRIVACY OPTION
 DIGITAL PRINT TO SELF ADHESIVE CLEAR VINYL
 APPLIED TO INSIDE OF GLAZING

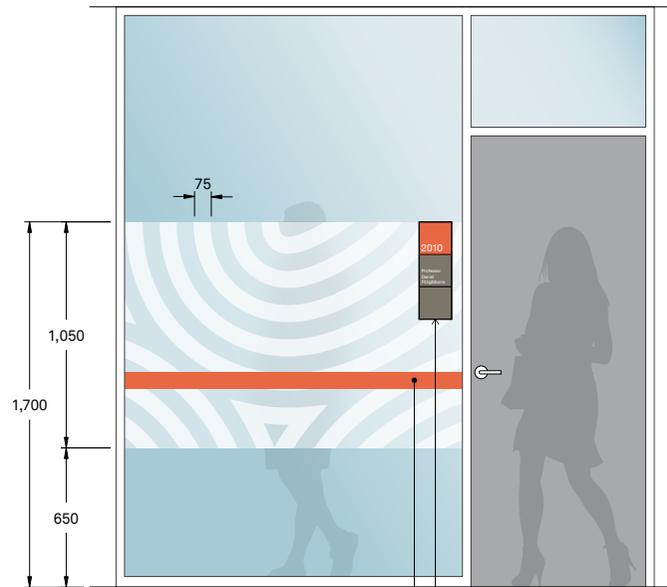
60% WHITE PATTERN OVER
 30% WHITE BASE

REFER TO 'CSU BRAND GUIDELINES' FOR FURTHER INFORMATION
 ON THE GRAPHIC LANGUAGE PATTERNS AND CURRENT GRAPHIC ASSETS

75mm PATTERN STROKE TO BE MAINTAINED



LOW PRIVACY OPTION
 SCALE 1:25



MEDIUM PRIVACY OPTION
 SCALE 1:25

GS-L

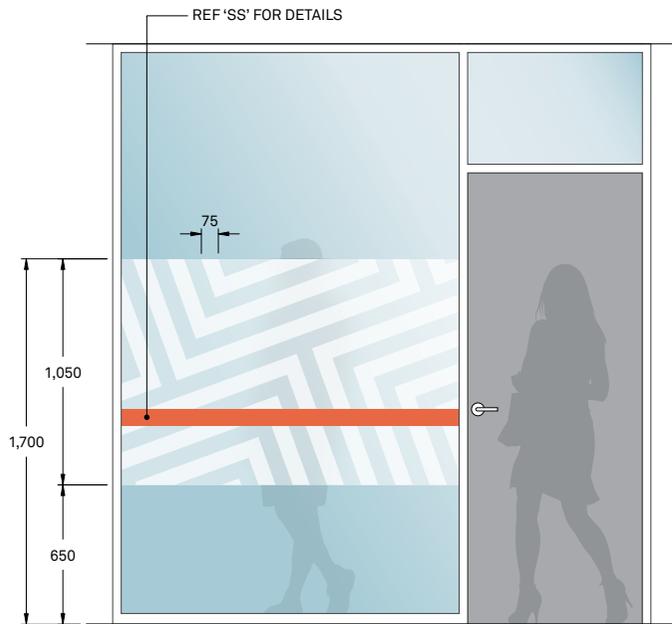
Glazing screen (low privacy)
 Glazing mounted
 Single sided
 Non-illuminated

GS-M

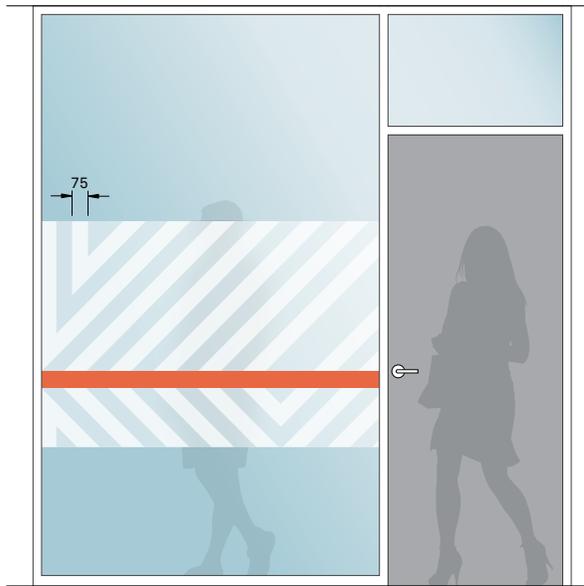
Glazing screen (medium privacy)
 Glazing mounted
 Single sided
 Non-illuminated

REFER TO 'CSU BRAND GUIDELINES' FOR FURTHER INFORMATION ON THE GRAPHIC LANGUAGE PATTERNS AND CURRENT GRAPHIC ASSETS

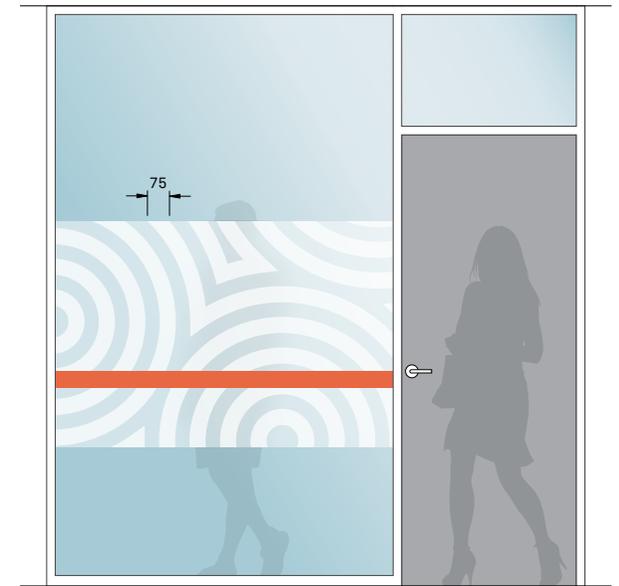
75mm PATTERN STROKE TO BE MAINTAINED



GRAPHIC LANGUAGE PATTERN - SQUARE
 SCALE 1:25



GRAPHIC LANGUAGE PATTERN - RECTANGLE
 SCALE 1:25



GRAPHIC LANGUAGE PATTERN - CIRCLE
 SCALE 1:25



GS-L

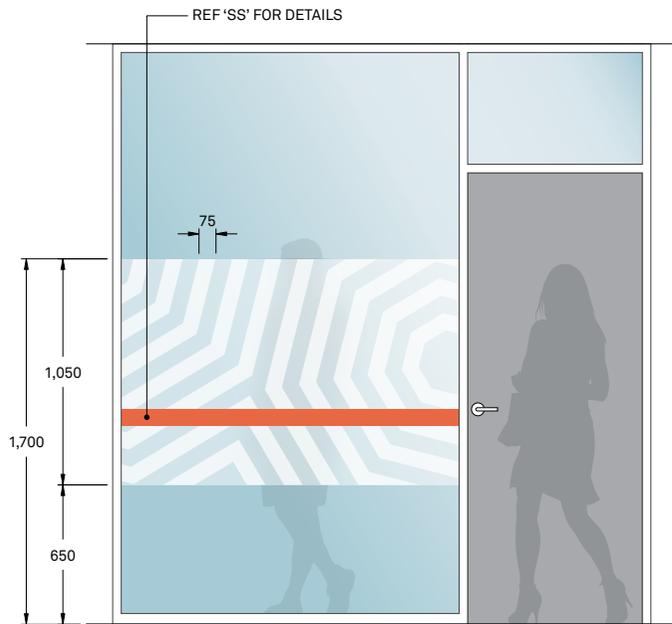
Glazing screen (low privacy)
 Glazing mounted
 Single sided
 Non-illuminated

GS-M

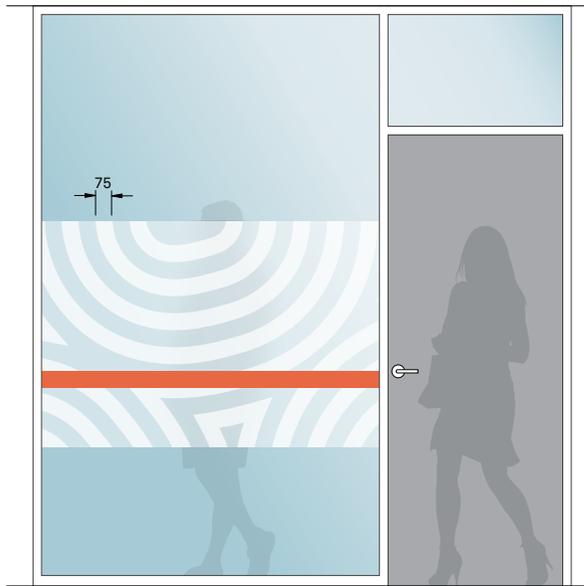
Glazing screen (medium privacy)
 Glazing mounted
 Single sided
 Non-illuminated

REFER TO 'CSU BRAND GUIDELINES' FOR FURTHER INFORMATION ON THE GRAPHIC LANGUAGE PATTERNS AND CURRENT GRAPHIC ASSETS

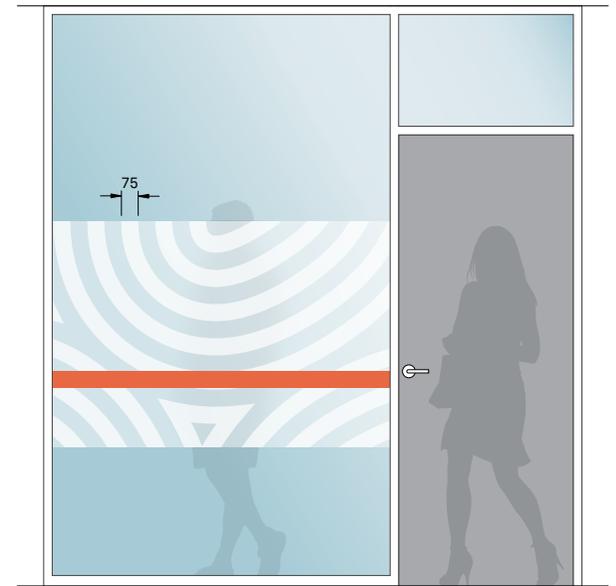
75mm PATTERN STROKE TO BE MAINTAINED



GRAPHIC LANGUAGE PATTERN - OCTAGON 
 SCALE 1:25

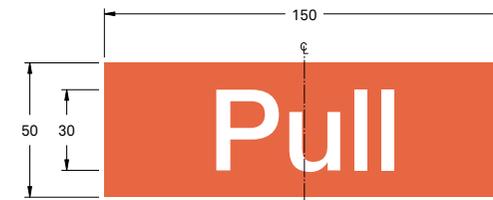


GRAPHIC LANGUAGE PATTERN - ORGANIC 01 
 SCALE 1:25

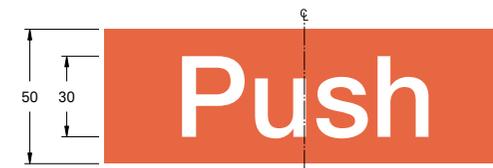


GRAPHIC LANGUAGE PATTERN - ORGANIC 02 
 SCALE 1:25

GRAPHICS
DIGITAL PRINT DIRECT TO VINYL
APPLIED TO BOTH SIDES OF GLAZING
PROTECTIVE UV RESISTANT SATIN CLEAR OVERLAMINATE
APPLIED TO ENTIRE GRAPHIC AFTER PRINT APPLICATION



PULL SIDE LAYOUT
SCALE 1:2



PUSH SIDE LAYOUT
SCALE 1:2

TYPICAL SIGN IN SITU
SCALE 1:25

REF 'SS' FOR DETAILS

SIGN FACE

10mm ACRYLIC PANEL
VHB TAPED AND SILICONE FIXED TO SPACER PANEL
CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE
AND ENSURE ADHESION METHOD IS NOT VISIBLE

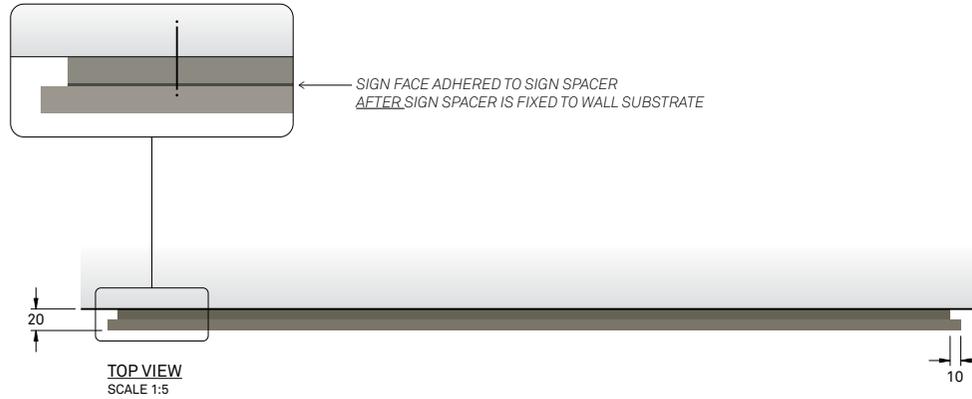
SIGN SPACER

10mm ACRYLIC SPACER PANEL
10mm INSET ALL AROUND
FINISH: P3
SPACER MECHANICALLY FIXED TO EXISTING WALL SUBSTRATE
WITH COUNTERSUNK FIXINGS LOCATED UNDER SIGN FACE
CONTRACTOR TO ENSURE SECURE FIXING TO SUIT SUBSTRATE
AND ENSURE FIXING METHOD IS NOT VISIBLE

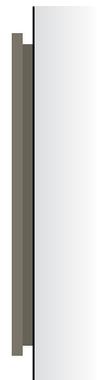
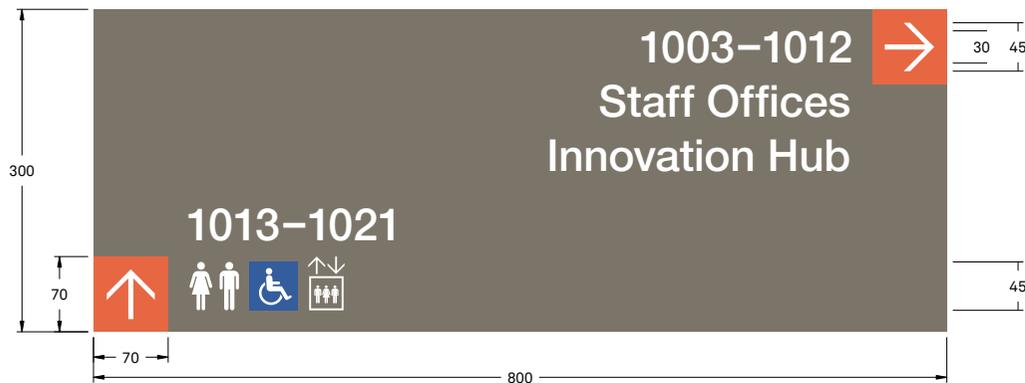
CONTENT

DIGITAL PRINT DIRECT TO VINYL
VINYL TO WRAP RETURNS ONTO REAR OF SIGN FACE PANEL
TO MATCH FINISH: LIGHT ORANGE, DARK BROWN, WHITE, ACCESSIBLE BLUE

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT



TYPICAL SIGN IN SITU
SCALE 1:25



SIDE VIEW
SCALE 1:5

DC-S

Directional cantilevered (small)
Cantilevered
Double sided
Non-illuminated

DC-M

Directional cantilevered (medium)
Cantilevered
Double sided
Non-illuminated



3D VIEW
NOT TO SCALE

SIGN FACE

FABRICATED ALUMINIUM PANELS
OVER INTERNAL FRAME
FINISH: P1

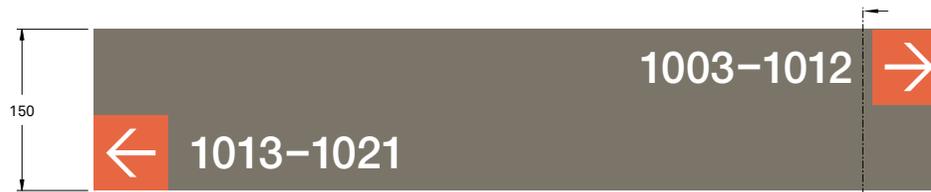
ARROWS

COMPUTER CUT VINYL DIRECT TO PAINTED SIGN FACE
FINISH: V05

CONTENT

DIGITAL PRINT DIRECT TO VINYL
VINYL APPLIED TO FRONT AND REAR FACE PANELS
NOTCHED CORNERS - ARROW CORNERS REMOVED TO SHOW 'P1' FINISH
TO MATCH FINISH: DARK BROWN, WHITE, ACCESSIBLE BLUE

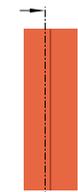
REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT



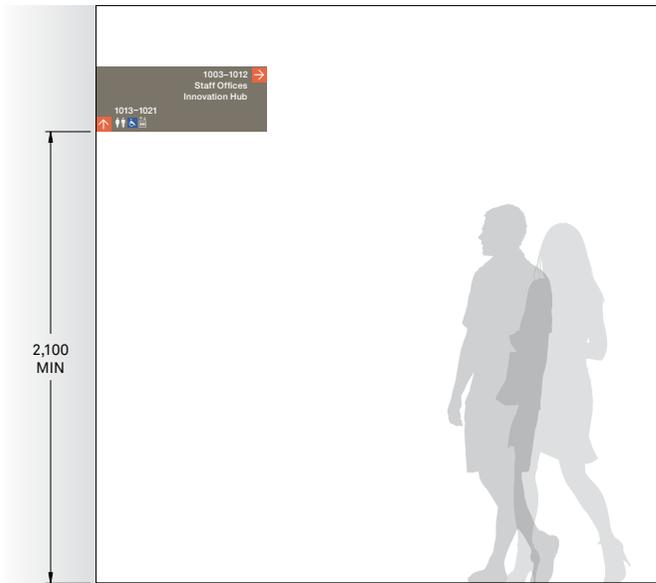
FRONT VIEW
SCALE 1:5 **DC-S**

SECTION C

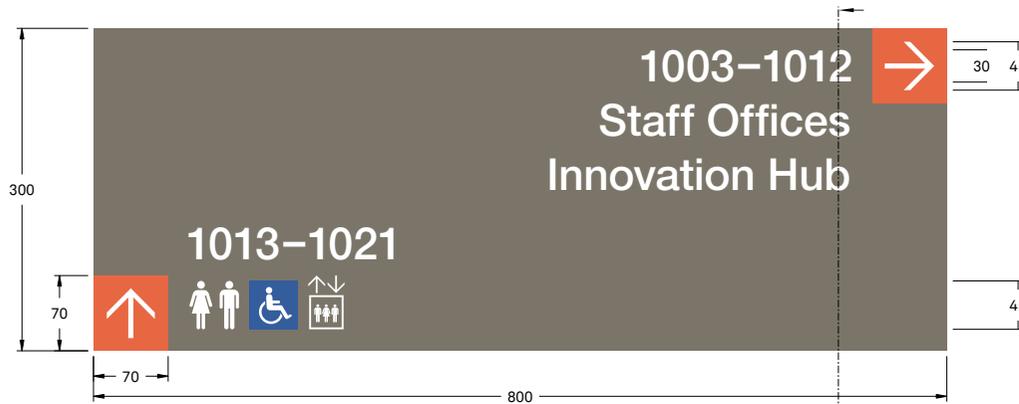
SECTION D



SIDE VIEW
SCALE 1:5



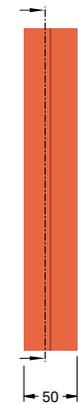
TYPICAL SIGN IN SITU
SCALE 1:25



FRONT VIEW
SCALE 1:5 **DC-M**

SECTION A

SECTION B



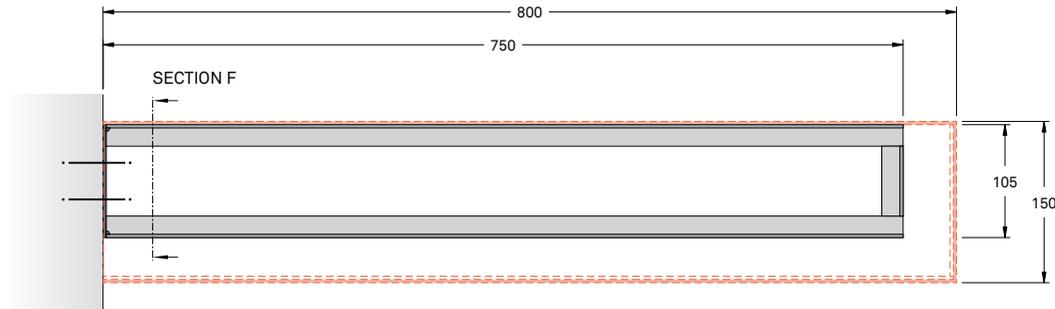
SIDE VIEW
SCALE 1:5

DC-S

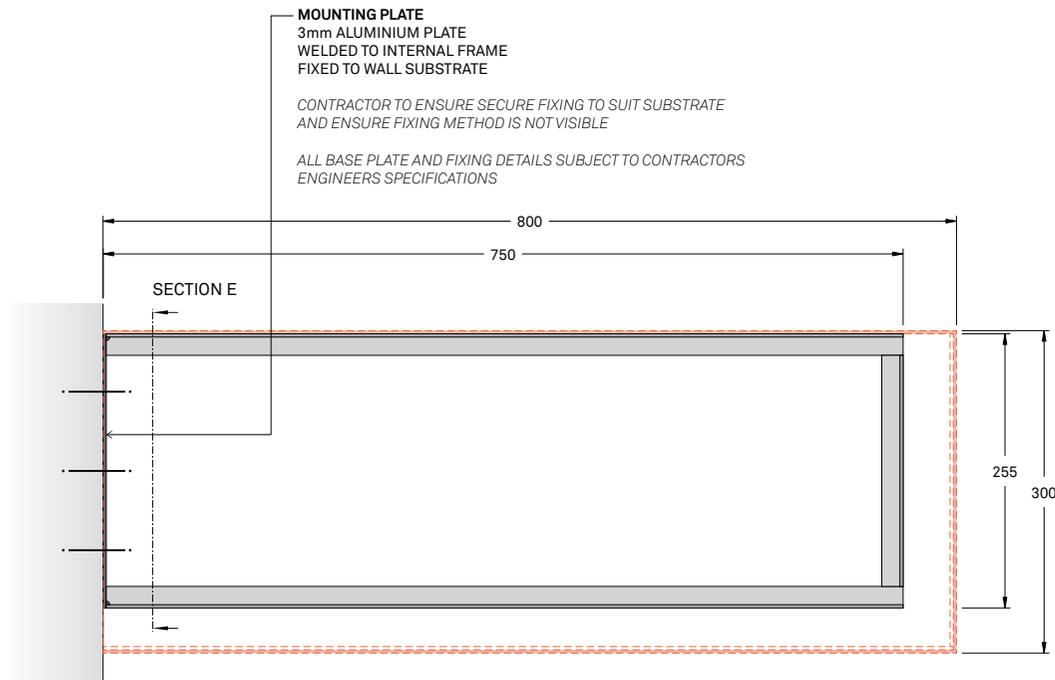
Directional cantilevered (small)
 Cantilevered
 Double sided
 Non-illuminated

DC-M

Directional cantilevered (medium)
 Cantilevered
 Double sided
 Non-illuminated



SECTION F
 SCALE 1:5

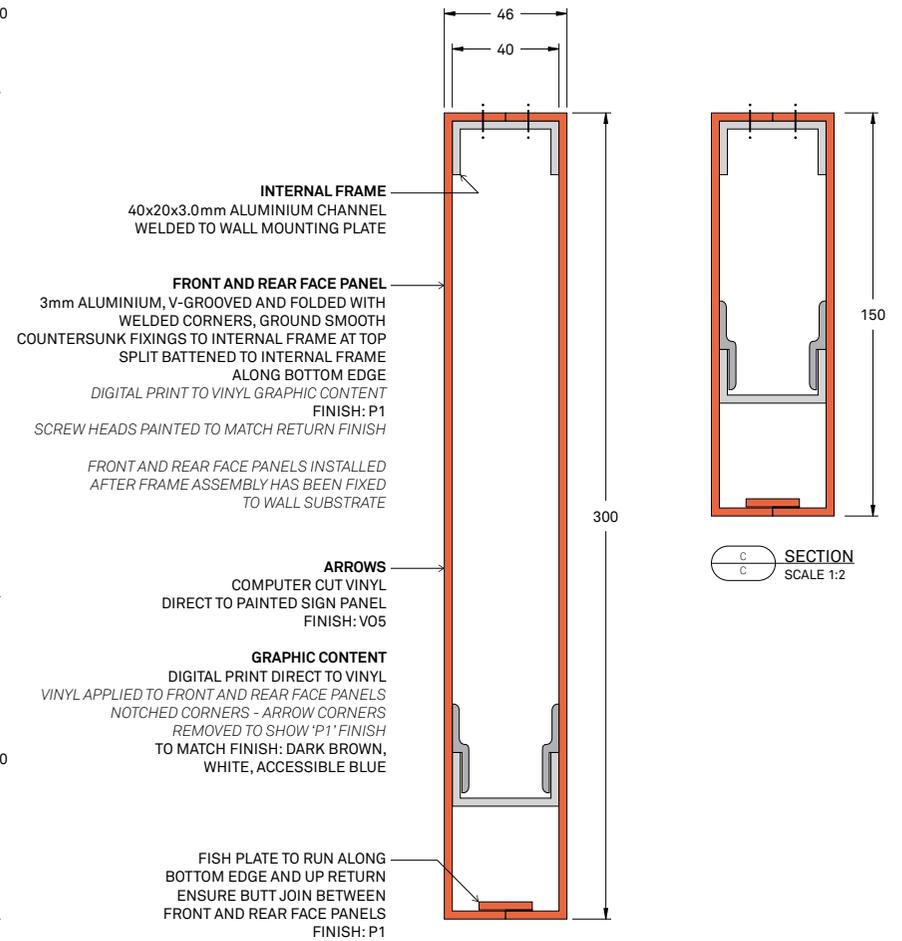


SECTION E
 SCALE 1:5

MOUNTING PLATE
 3mm ALUMINIUM PLATE
 WELDED TO INTERNAL FRAME
 FIXED TO WALL SUBSTRATE

 CONTRACTOR TO ENSURE SECURE FIXING TO SUIT SUBSTRATE
 AND ENSURE FIXING METHOD IS NOT VISIBLE

 ALL BASE PLATE AND FIXING DETAILS SUBJECT TO CONTRACTORS
 ENGINEERS SPECIFICATIONS



SECTION A
 SCALE 1:2

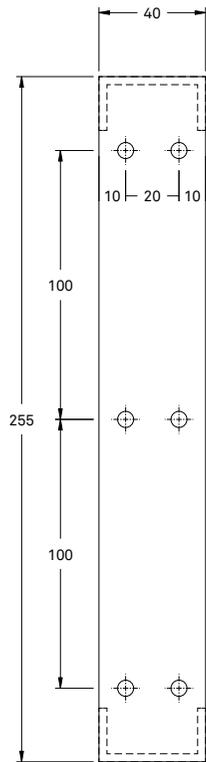
SECTION C
 SCALE 1:2

DC-S

Directional cantilevered (small)
 Cantilevered
 Double sided
 Non-illuminated

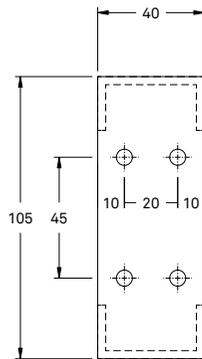
DC-M

Directional cantilevered (medium)
 Cantilevered
 Double sided
 Non-illuminated



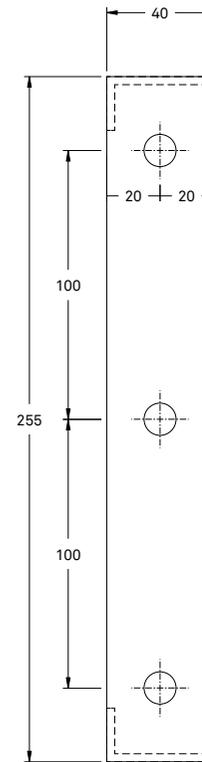
E SECTION
 SCALE 1:2

CONNECTION DETAILS INTO STEEL SUBSTRATE
 MOUNTING PLATE: 3mm ALUMINIUM
 FIXINGS: 6x ST6.3(14) FIXINGS



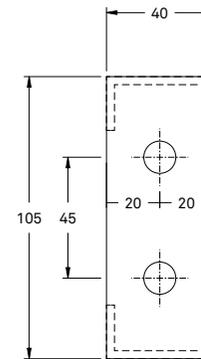
F SECTION
 SCALE 1:2

CONNECTION DETAILS INTO STEEL SUBSTRATE
 MOUNTING PLATE: 3mm ALUMINIUM
 FIXINGS: 4x ST6.3(14) FIXINGS



E SECTION
 SCALE 1:2

CONNECTION DETAILS INTO CONCRETE AND MASONRY SUBSTRATES
 MOUNTING PLATE: 3mm ALUMINIUM
 FIXINGS: 3x M8 ANKA SCREWS



F SECTION
 SCALE 1:2

CONNECTION DETAILS INTO CONCRETE AND MASONRY SUBSTRATES
 MOUNTING PLATE: 3mm ALUMINIUM
 FIXINGS: 2x M8 ANKA SCREWS

Internal signage

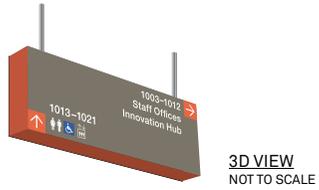
5.25 Directional suspended (small) / (medium)

DS-S

Directional suspended (small)
Suspended
Double sided
Non-illuminated

DS-M

Directional suspended (medium)
Suspended
Double sided
Non-illuminated



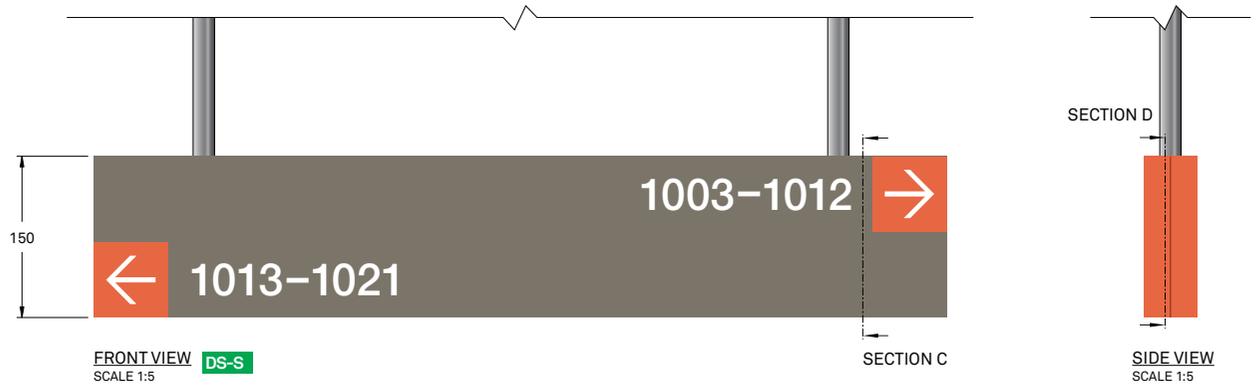
3D VIEW
NOT TO SCALE

SIGN FACE
FABRICATED ALUMINIUM PANELS
OVER INTERNAL FRAME
FINISH: P1

ARROWS
COMPUTER CUT VINYL DIRECT TO PAINTED SIGN FACE
FINISH: V05

CONTENT
DIGITAL PRINT DIRECT TO VINYL
VINYL APPLIED TO FRONT AND REAR FACE PANELS
NOTCHED CORNERS - ARROW CORNERS REMOVED TO SHOW 'P1' FINISH
TO MATCH FINISH: DARK BROWN, WHITE, ACCESSIBLE BLUE

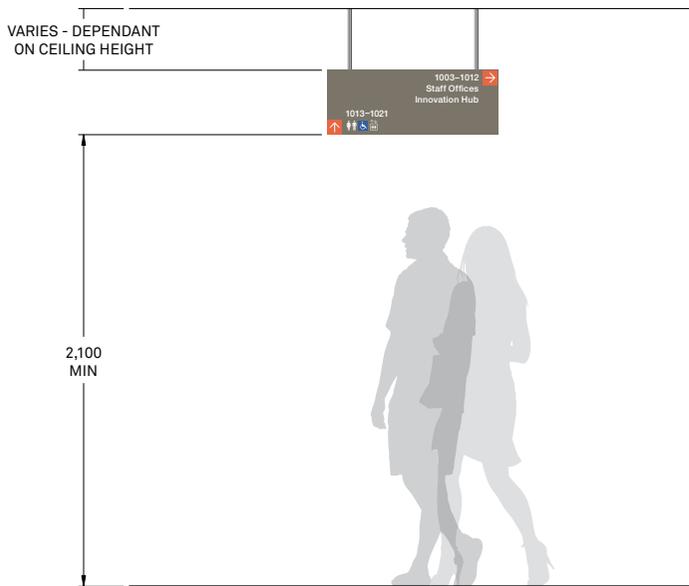
REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT



FRONT VIEW
SCALE 1:5 **DS-S**

SECTION C

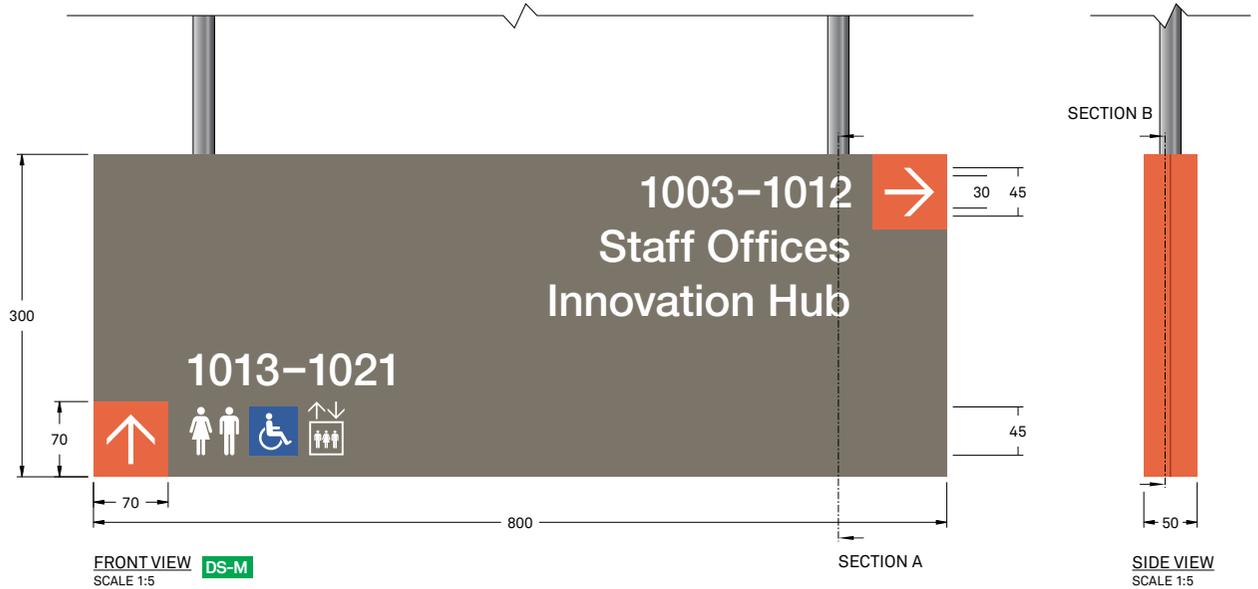
SIDE VIEW
SCALE 1:5



VARIES - DEPENDANT
ON CEILING HEIGHT

2,100
MIN

TYPICAL SIGN IN SITU
SCALE 1:25



FRONT VIEW
SCALE 1:5 **DS-M**

SECTION A

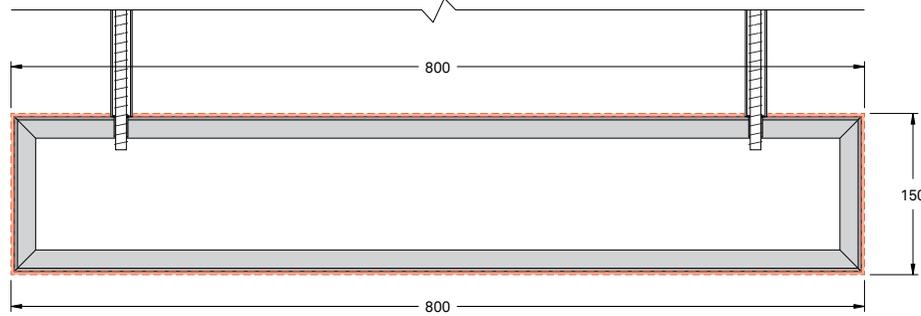
SIDE VIEW
SCALE 1:5

DS-S

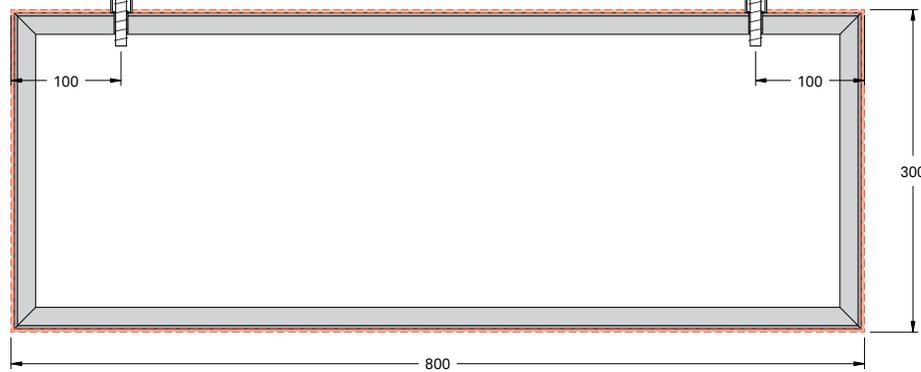
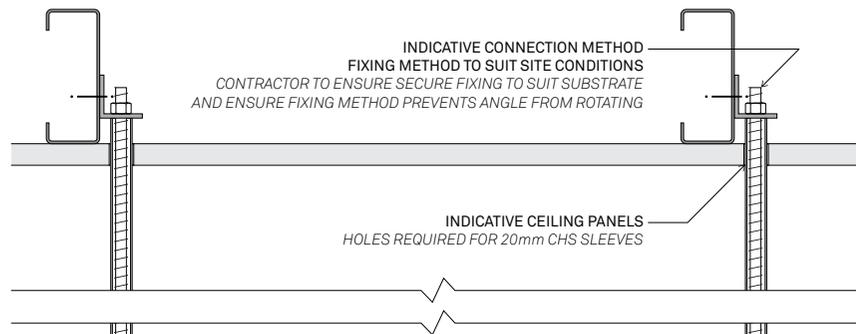
Directional suspended (small)
Suspended
Double sided
Non-illuminated

DS-M

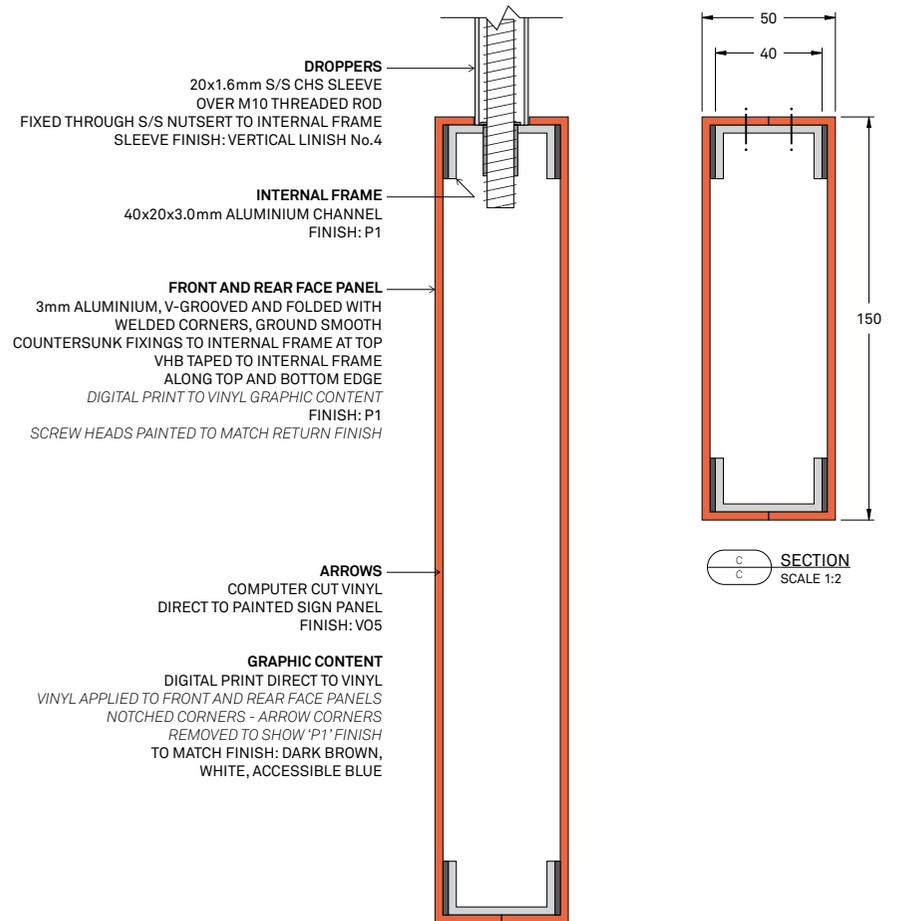
Directional suspended (medium)
Suspended
Double sided
Non-illuminated



SECTION D
SCALE 1:5



SECTION B
SCALE 1:5



SECTION C
SCALE 1:2

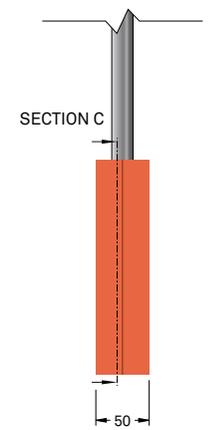
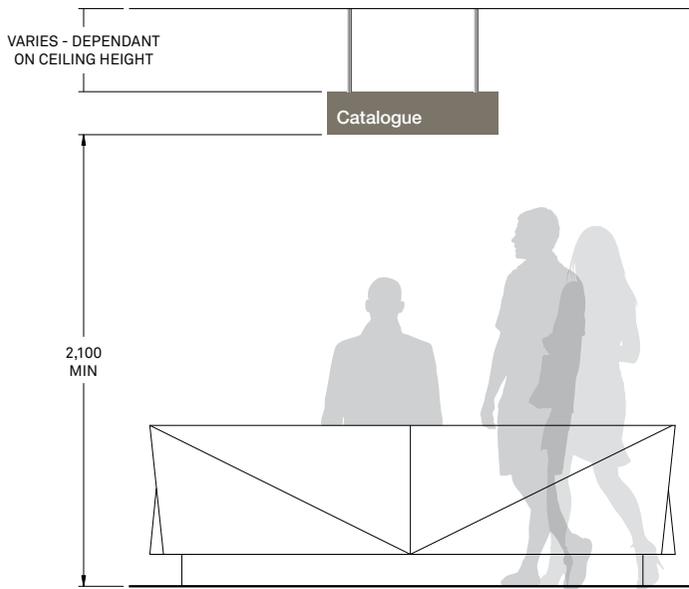
SECTION A
SCALE 1:2

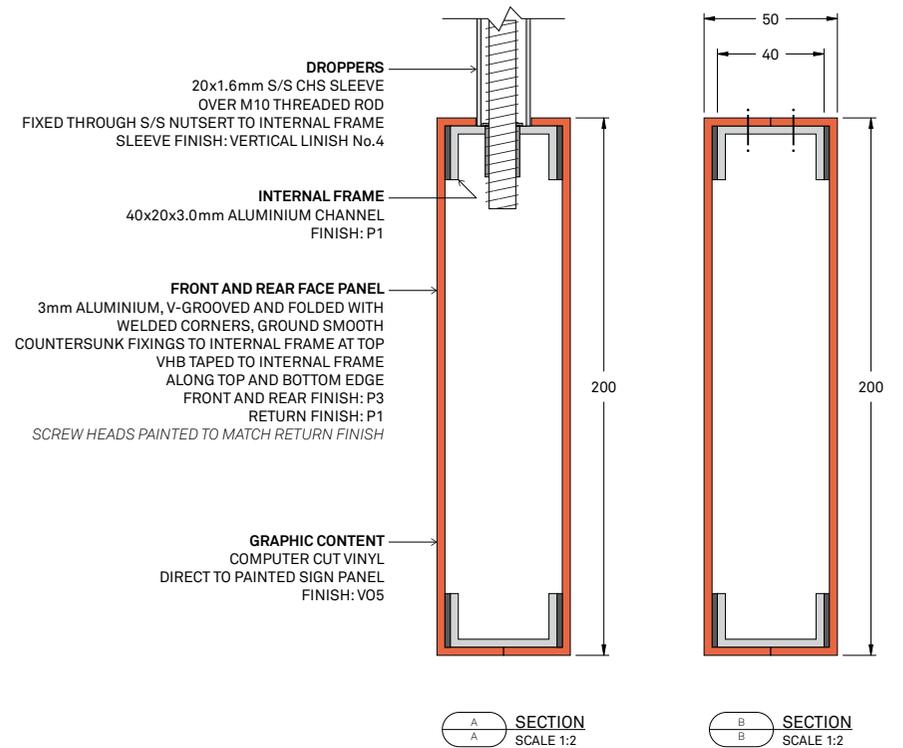
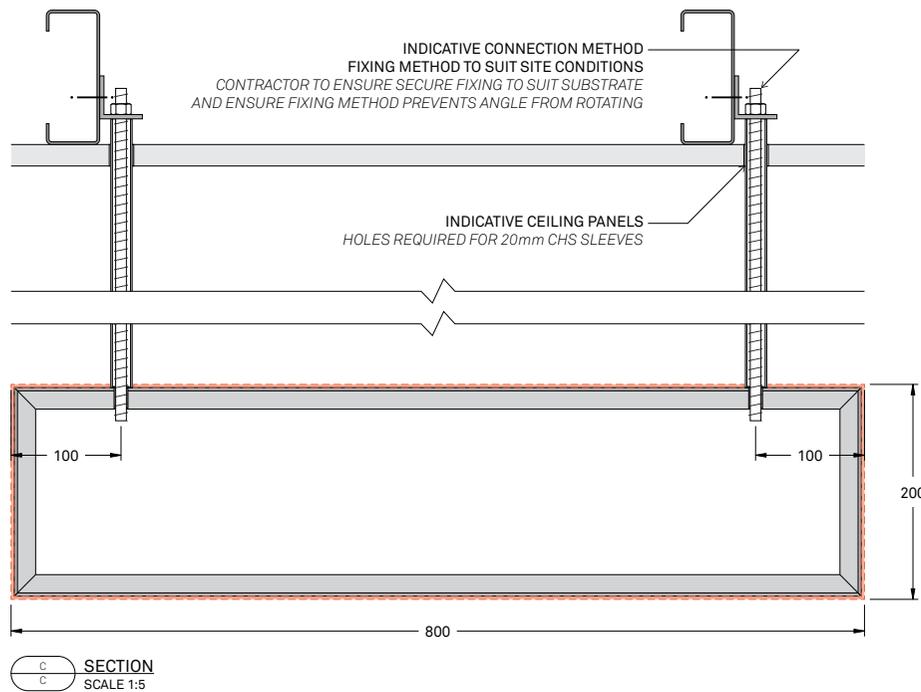


SIGN FACE
FABRICATED ALUMINIUM PANELS
OVER INTERNAL FRAME
FRONT AND REAR FINISH: P3
RETURN FINISH: P1

CONTENT
COMPUTER CUT VINYL DIRECT TO PAINTED SIGN FACE
FINISH: V05

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT







3D VIEW
NOT TO SCALE

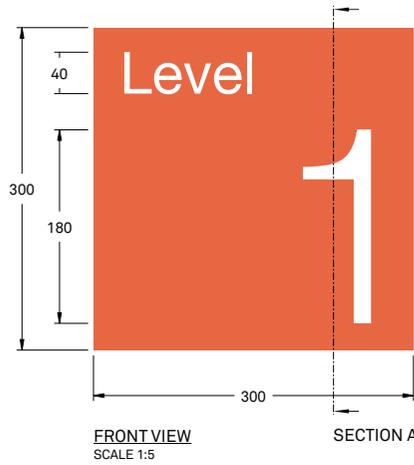
SIGN FACE
FABRICATED ALUMINIUM PANELS
OVER INTERNAL FRAME
FINISH: P1, P3 OR P7

CONTENT
COMPUTER CUT VINYL (UNDER CLEAR COAT)
FINISH: V05

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT



TYPICAL SIGN IN SITU
SCALE 1:25



FRONT VIEW
SCALE 1:5

SECTION A

SECTION B



SIDE VIEW
SCALE 1:5



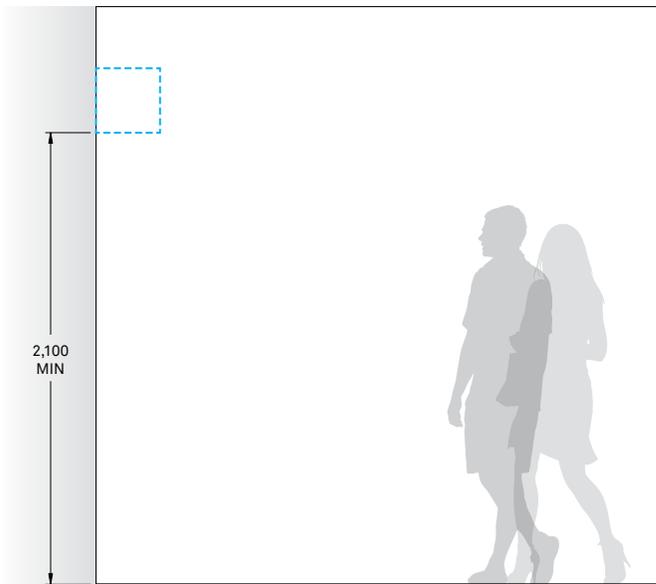
3D VIEW
NOT TO SCALE

REDESIGN OF SIGN REQUIRED PRIOR TO FUTURE IMPLEMENTATION
Recommendations:
 - Standardise sign size to align with 300x300mm
 - Update graphic layout to fit new proportions
 - Increase cap height of content to aid legibility
 - Incorporate 'CSU Green' brand colours and style

SIGN FACE
 FABRICATED ALUMINIUM PANELS
 OVER INTERNAL FRAME
 FINISH TO MATCH: CSU GREEN BRAND COLOURS

CONTENT
 COMPUTER CUT VINYL (UNDER CLEAR COAT)
 FINISH: V05

ARTWORK FILES TO BE SUPPLIED BY CSU IN NEW SIZE FORMAT



TYPICAL SIGN IN SITU
SCALE 1:25

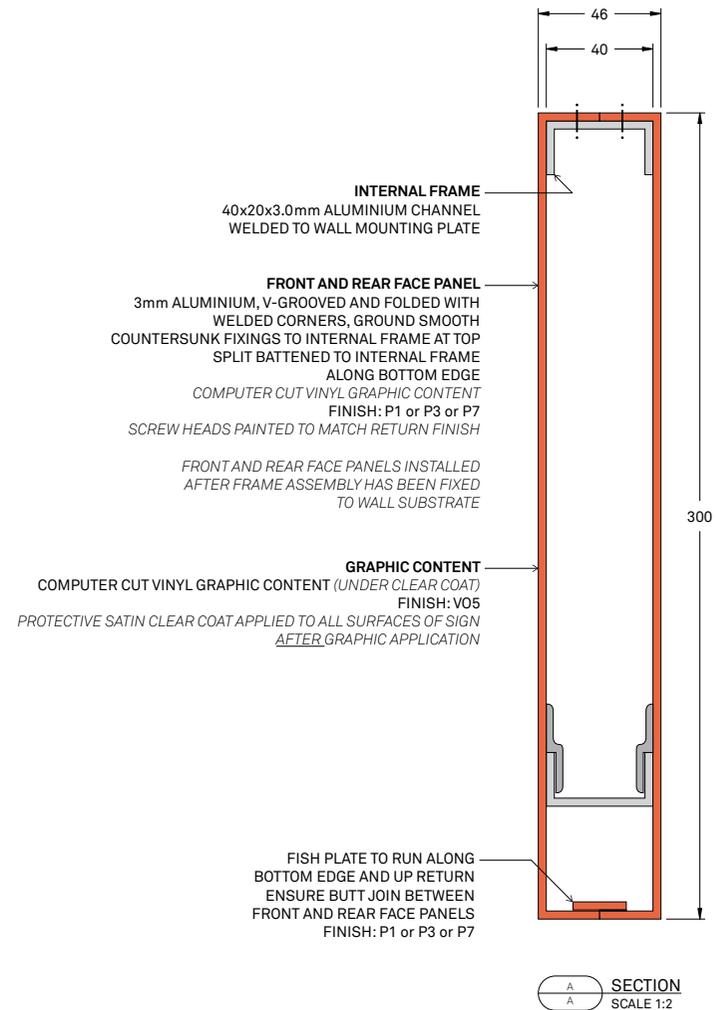
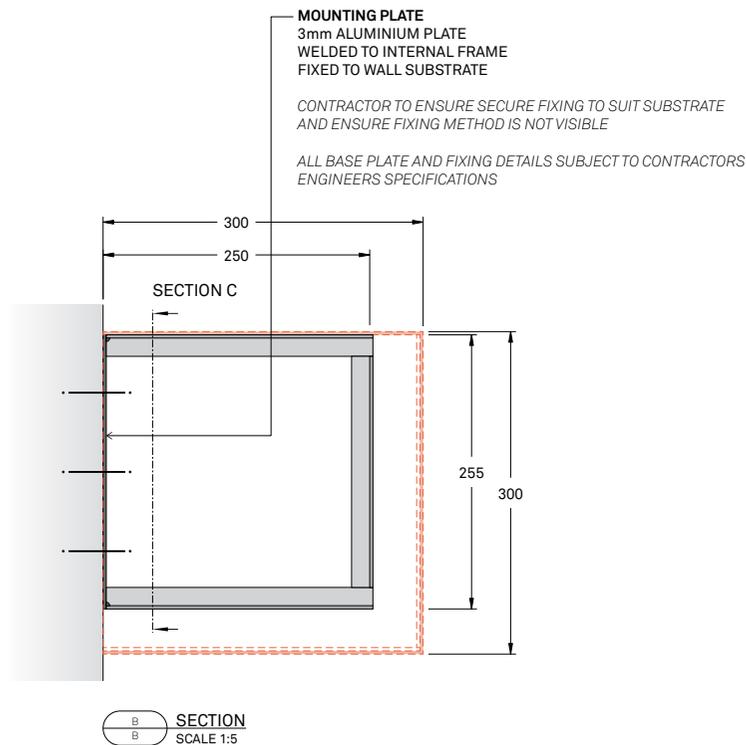


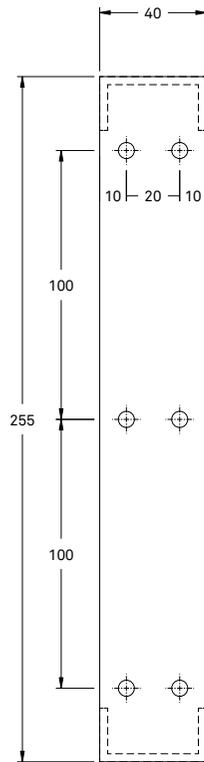
FRONT VIEW
SCALE 1:5

SECTION A



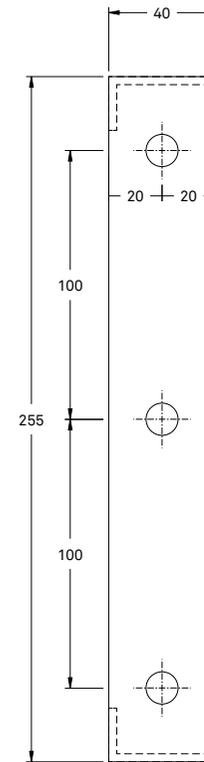
SIDE VIEW
SCALE 1:5





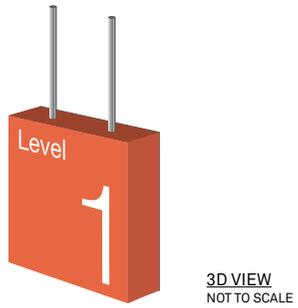
C SECTION
SCALE 1:2

CONNECTION DETAILS INTO STEEL SUBSTRATE
MOUNTING PLATE: 3mm ALUMINIUM
FIXINGS: 6x ST6.3(14) FIXINGS



C SECTION
SCALE 1:2

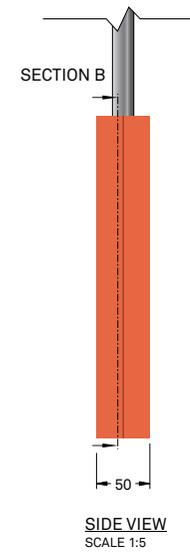
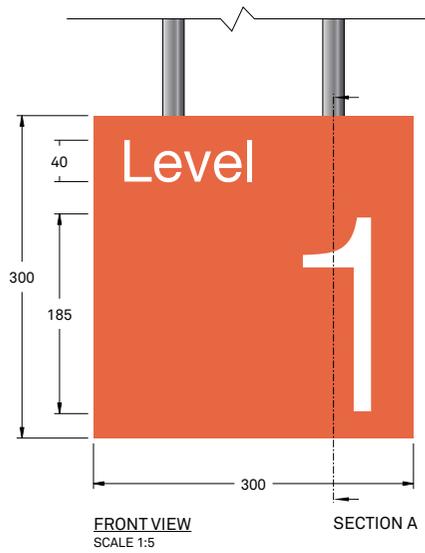
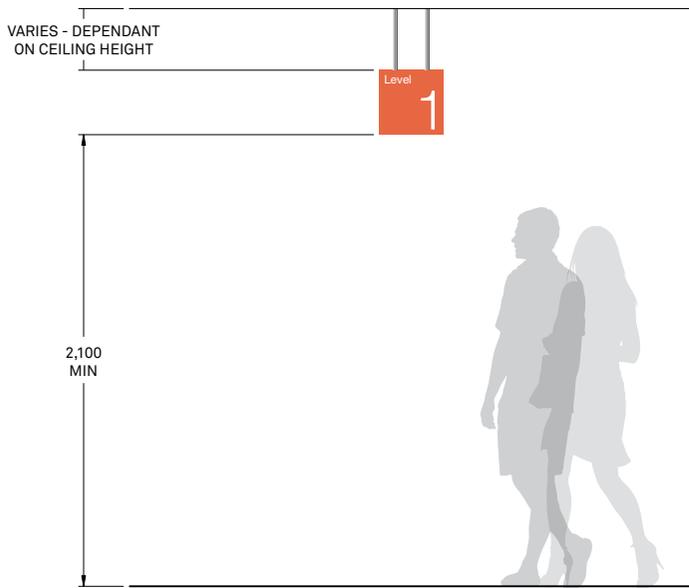
CONNECTION DETAILS INTO CONCRETE AND MASONRY SUBSTRATES
MOUNTING PLATE: 3mm ALUMINIUM
FIXINGS: 3x M8 ANKA SCREWS

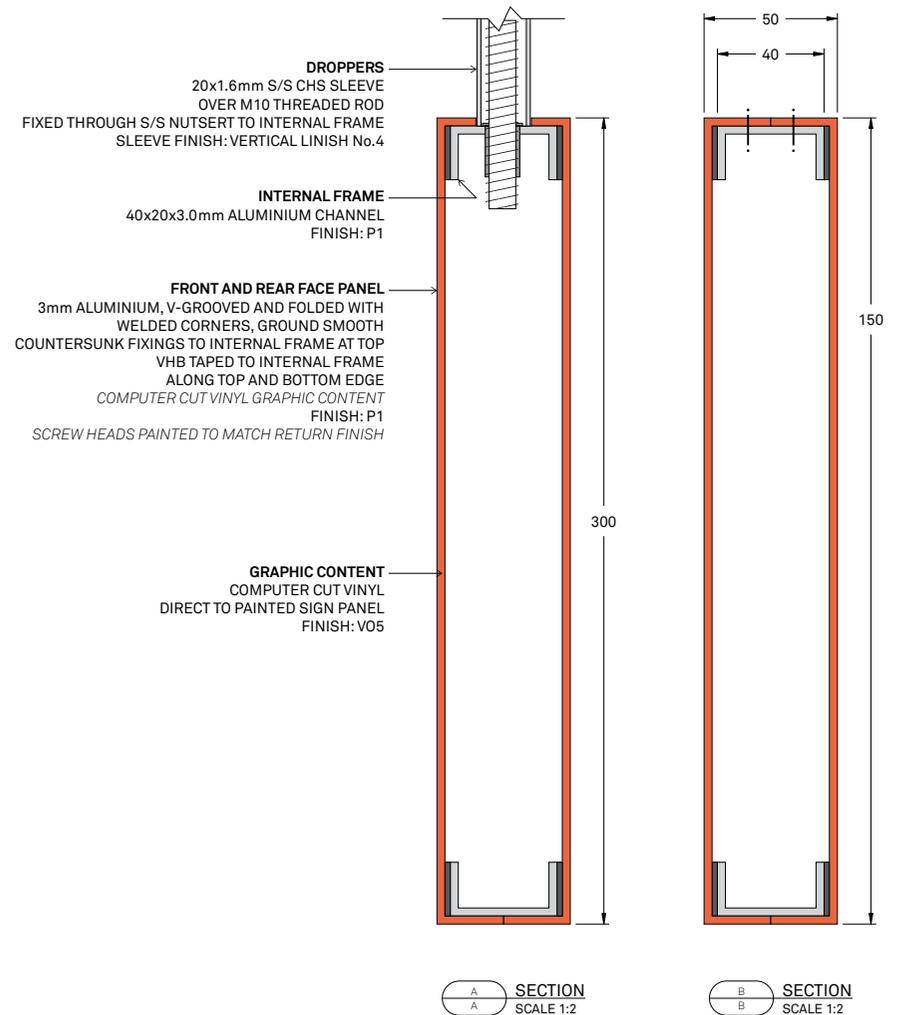
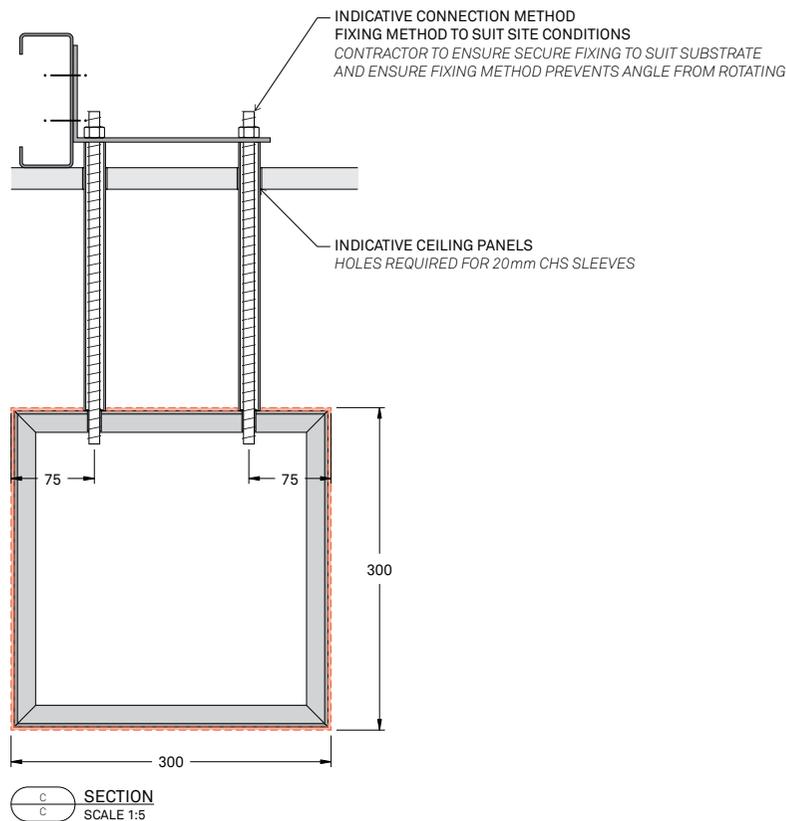


SIGN FACE
FABRICATED ALUMINIUM PANELS
OVER INTERNAL FRAME
FINISH: P1

CONTENT
COMPUTER CUT VINYL (UNDER CLEAR COAT)
FINISH: V05

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT





SIGN FACE

10mm ACRYLIC PANEL
VHB TAPED AND SILICONE FIXED TO SPACER PANEL
FINISH: P1
CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE AND ENSURE ADHESION METHOD IS NOT VISIBLE

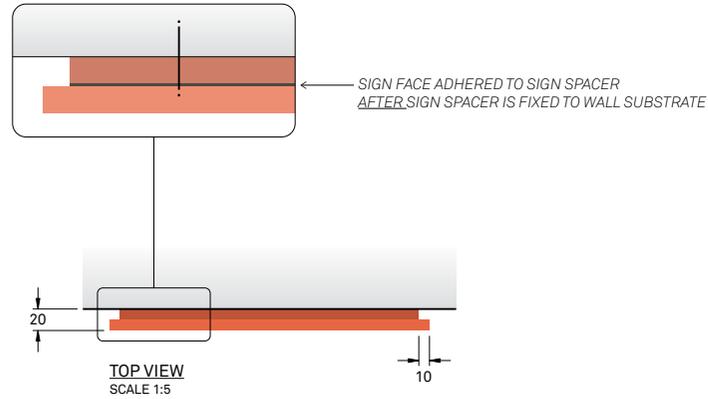
SIGN SPACER

10mm ACRYLIC SPACER PANEL
10mm INSET ALL AROUND
FINISH: P1
SPACER MECHANICALLY FIXED TO EXISTING WALL SUBSTRATE WITH COUNTERSUNK FIXINGS LOCATED UNDER SIGN FACE
CONTRACTOR TO ENSURE SECURE FIXING TO SUIT SUBSTRATE AND ENSURE FIXING METHOD IS NOT VISIBLE

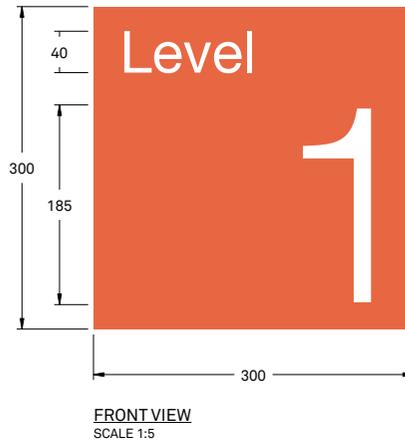
CONTENT

COMPUTER CUT VINYL (UNDER CLEAR COAT)
FINISH: V05

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

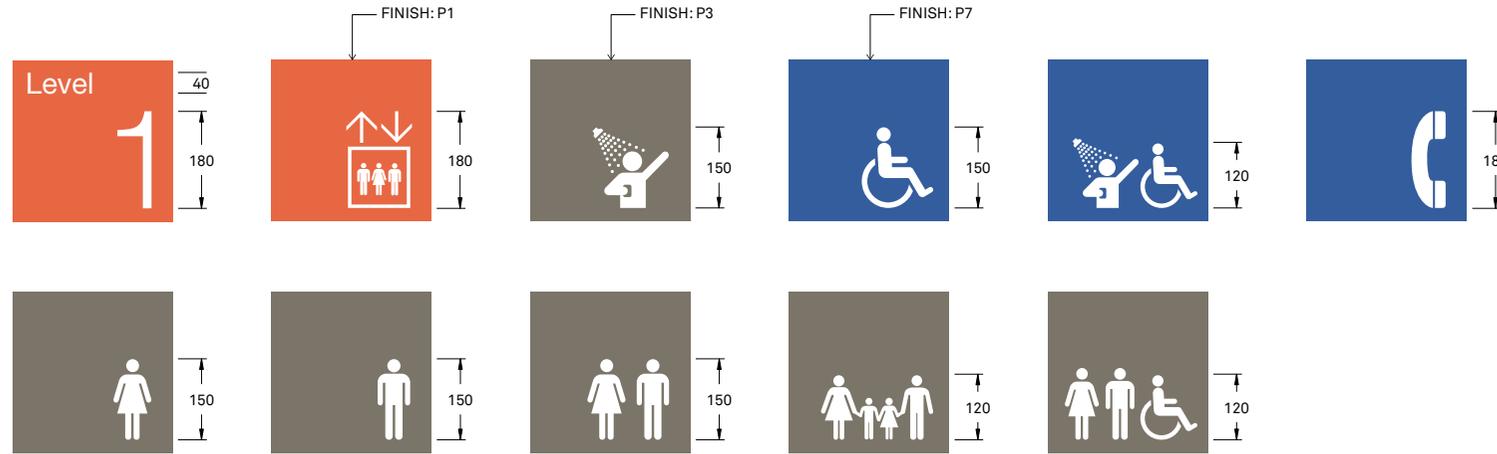


TYPICAL SIGN IN SITU
SCALE 1:25



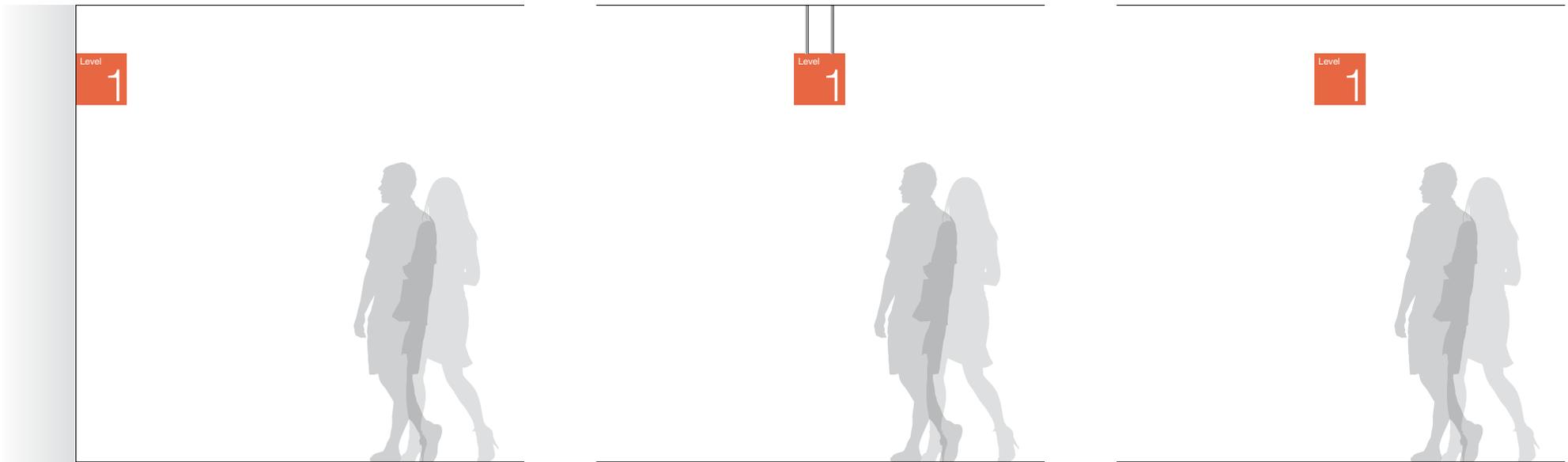
Internal signage

5.36 Identification cantilevered / suspended / wall mounted



- IDC** Identification cantilevered
Cantilevered
Double sided
Non-illuminated
- IDS** Identification suspended
Suspended
Double sided
Non-illuminated
- IDW** Identification wall mounted
Wall mounted
Single sided
Non-illuminated

ALTERNATE LAYOUTS
SCALE 1:10



TYPICAL SIGN IN SITU IDC
SCALE 1:25

TYPICAL SIGN IN SITU IDS
SCALE 1:25

TYPICAL SIGN IN SITU IDW
SCALE 1:25

SIGN FACE (INTERCHANGEABLE - IN FRAME)
SIGNLINK 'AVANT GARDE' WALL PANEL RANGE
FRAME FINISH: NATURAL ANODISED
WITH MAGNET BACKED INTERCHANGEABLE ALUMINIUM PANELS
PANEL FINISH: P1 (TOP PANEL ONLY - LOWER PANELS VINYL WRAP)

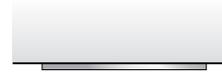
ROOM ID (TOP PANEL)
COMPUTER CUT VINYL GRAPHIC CONTENT (UNDER CLEAR COAT)
FINISH: V05
PROTECTIVE SATIN CLEAR COAT APPLIED TO ALL SURFACES OF SIGN
AFTER GRAPHIC APPLICATION

ROOM CONTENT (LOWER PANELS)
DIGITAL PRINT DIRECT TO VINYL
VINYL TO WRAP RETURNS ONTO REAR OF EACH PANEL
TO MATCH FINISH: DARK BROWN, WHITE

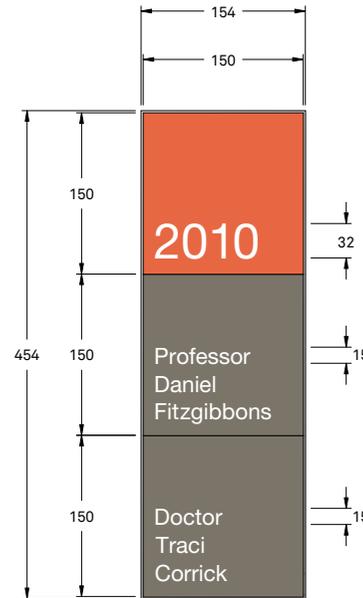
REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

FIXING
PANEL VHB TAPED AND SILICONE FIXED
DIRECT TO WALL / GLAZING* SUBSTRATE
CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE
AND ENSURE ADHESION METHOD IS NOT VISIBLE

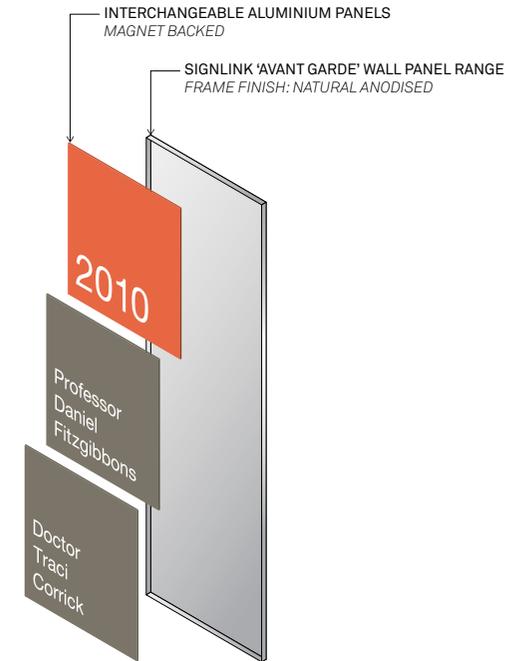
*VINYL BACKING TO REAR OF SIGN WHEN MOUNTED ON GLAZING
TO CONCEAL ADHESION METHOD
FINISH: DIGITAL PRINT TO MATCH 'DARK BROWN' DIRECT TO VINYL



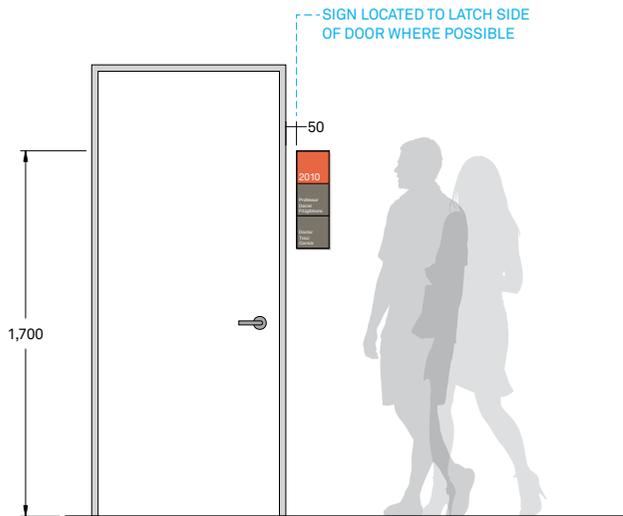
TOP VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5



TYPICAL EXPLODED VIEW
SCALE 1:5



TYPICAL SIGN IN SITU
SCALE 1:25



ALTERNATE LAYOUTS
SCALE 1:5

SIGN FACE
 3mm ALUMINIUM PANEL (STATIC - NO FRAME)
 FINISH: P1

ROOM ID
 COMPUTER CUT VINYL GRAPHIC CONTENT (UNDER CLEAR COAT)
 FINISH: V05
 PROTECTIVE SATIN CLEAR COAT APPLIED TO ALL SURFACES OF SIGN AFTER GRAPHIC APPLICATION

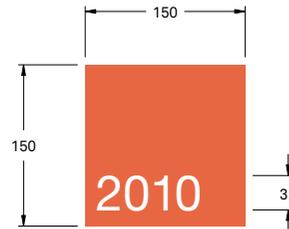
REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

FIXING
 PANEL VHB TAPED AND SILICONE FIXED
 DIRECT TO WALL / GLAZING* SUBSTRATE
 CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE AND ENSURE ADHESION METHOD IS NOT VISIBLE

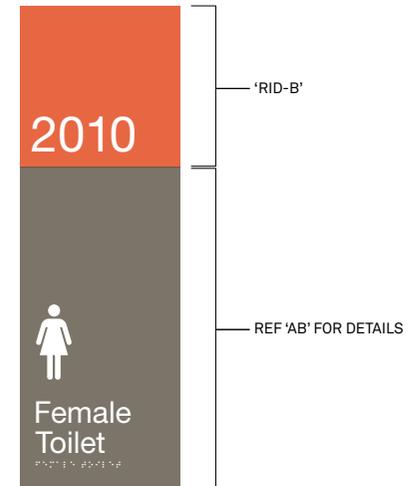
*VINYL BACKING TO REAR OF SIGN WHEN MOUNTED ON GLAZING TO CONCEAL ADHESION METHOD
 FINISH: DIGITAL PRINT TO MATCH 'LIGHT ORANGE' DIRECT TO VINYL



TOP VIEW
 SCALE 1:5



FRONT VIEW
 SCALE 1:5



SIGN LOCK UP EXAMPLE WITH AMENITIES
 SCALE 1:5



TYPICAL SIGN IN SITU
 SCALE 1:25

SIGN FACE
2mm ALUMINIUM PANELS
FINISH: P3 OR P7

CONTENT
RAISED TACTILE GRAPHICS AND BRAILLE

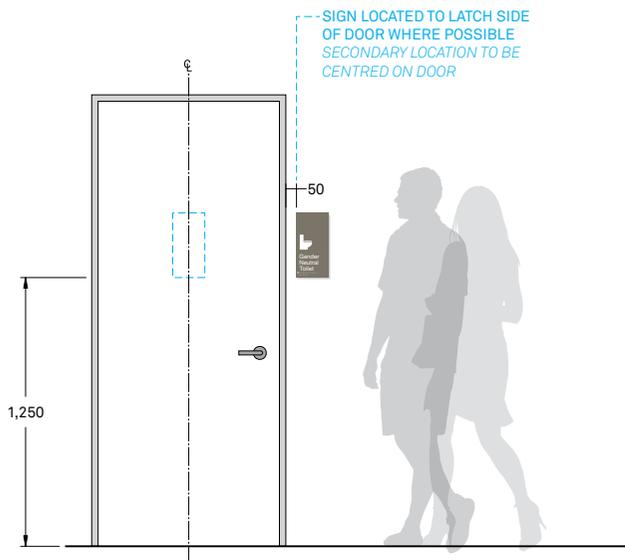
REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

FIXING
PANEL VHB TAPED AND SILICONE FIXED
DIRECT TO WALL / DOOR SUBSTRATE
CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE
AND ENSURE ADHESION METHOD IS NOT VISIBLE

CONTRACTOR TO ENSURE SIGNAGE CONFORMS TO THE AUSTRALIAN STANDARDS, BUILDING AND CONSTRUCTION CODES.



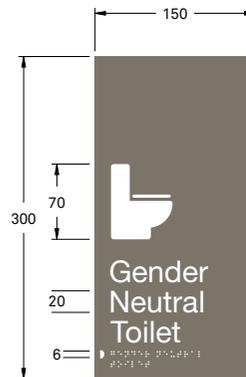
ALTERNATE LAYOUTS
SCALE 1:5



TYPICAL SIGN IN SITU
SCALE 1:25

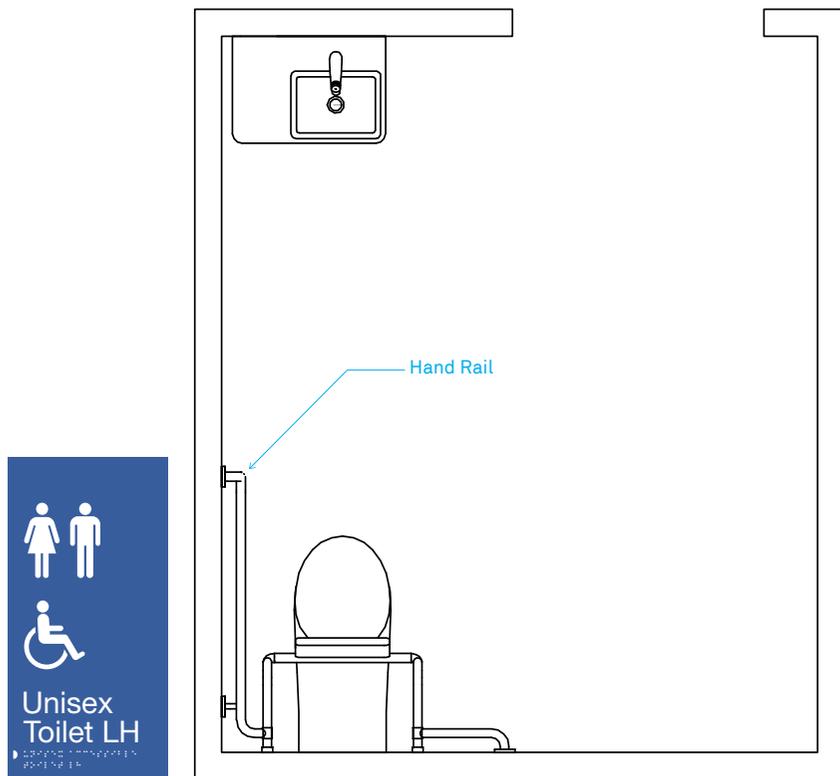


TOP VIEW
SCALE 1:5



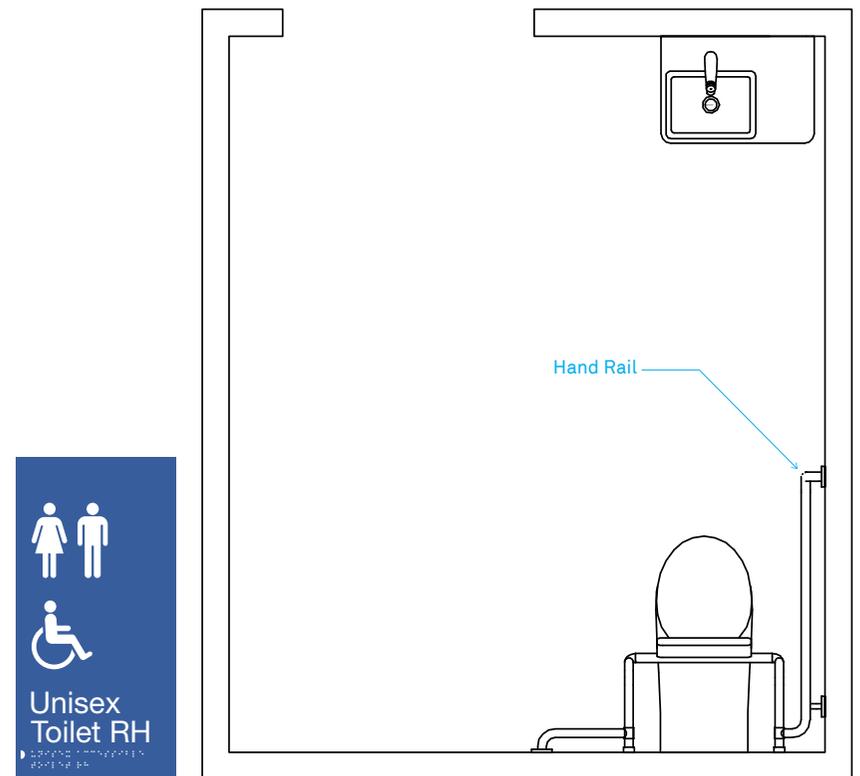
FRONT VIEW
SCALE 1:5

LH - Unisex Accessible Toilet



Example of a Left Hand Transfer Unisex Accessible Toilet.
Hand Rail is on the Left Hand side when seated on the toilet.
Sign requires an 'LH'.

RH - Unisex Accessible Toilet



Example of a Right Hand Transfer Unisex Accessible Toilet.
Hand Rail is on the Right Hand side when seated on the toilet.
Sign requires an 'RH'.



Exit braille
 Wall mounted
 Single sided
 Non-illuminated

SIGN FACE
 2mm ALUMINIUM PANEL
 FINISH: P3

CONTENT
 RAISED TACTILE GRAPHICS AND BRAILLE

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

FIXING
 PANEL VHB TAPED AND SILICONE FIXED
 DIRECT TO WALL SUBSTRATE
 CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE
 AND ENSURE ADHESION METHOD IS NOT VISIBLE

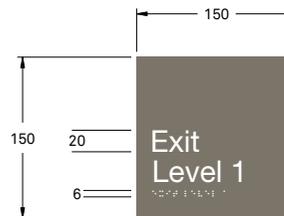
CONTRACTOR TO ENSURE SIGNAGE CONFORMS
 TO THE AUSTRALIAN STANDARDS, BUILDING AND
 CONSTRUCTION CODES.



TOP VIEW
 SCALE 1:5



TYPICAL SIGN IN SITU
 SCALE 1:25



FRONT VIEW
 SCALE 1:5

SIGN FACE

2mm ALUMINIUM PANEL
FINISH: CLEAR ANODISED ALUMINIUM
WITH HORIZONTAL FINISH TO MATCH EXISTING STATUTORY SIGNAGE

CONTENT

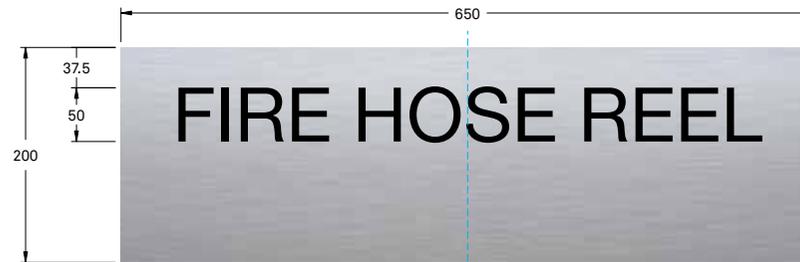
COMPUTER CUT VINYL GRAPHIC CONTENT (UNDER CLEAR COAT)
FINISH: V08
PROTECTIVE SATIN CLEAR COAT APPLIED TO ALL SURFACES OF SIGN
AFTER GRAPHIC APPLICATION

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

FIXING

PANEL VHB TAPED AND SILICONE FIXED
DIRECT TO DOOR SUBSTRATE
CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE
AND ENSURE ADHESION METHOD IS NOT VISIBLE

CONTRACTOR TO ENSURE SIGNAGE CONFORMS TO THE AUSTRALIAN STANDARDS, BUILDING AND CONSTRUCTION CODES.



FRONT VIEW - 50mm SINGLE LINE
SCALE 1:5

--- ALL GRAPHICS CENTRED ON PANEL



FRONT VIEW - 50mm DOUBLE LINES
SCALE 1:5



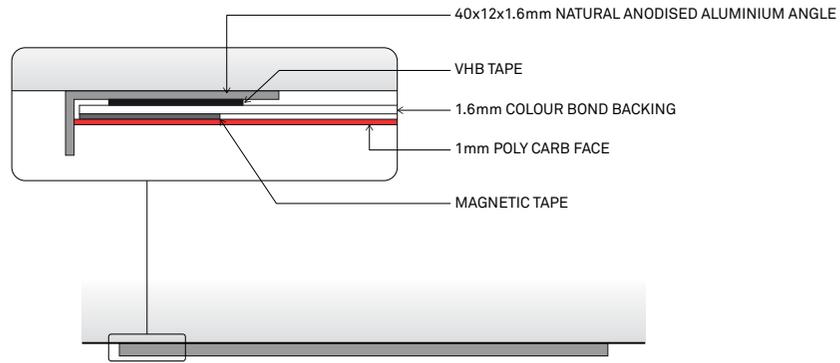
FRONT VIEW - 40mm MULTIPLE LINES
SCALE 1:5

SIGN FACE
1mm POLY CARB FACE
RED DIGITAL PRINT TO REAR FACE
MAGNETIC TAPE ADHERED TO REAR SIDE
*CONTRACTOR TO ENSURE SECURE ADHESION
AND ENSURE MAGNETIC TAPE IS NOT VISIBLE*

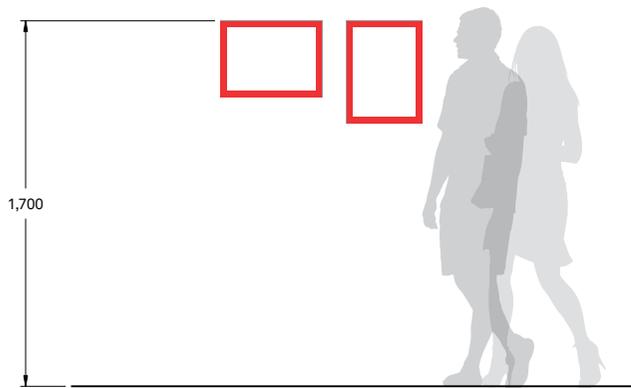
SIGN FRAME
40x12x1.6mm NATURAL ANODISED ALUMINIUM ANGLE
1.6mm COLOUR BOND BACKING
VHB TAPED TO ANGLE FRAME

FRAME MECHANICALLY FIXED TO EXISTING WALL SUBSTRATE
WITH COUNTERSUNK FIXINGS LOCATED UNDER SIGN FACE
*CONTRACTOR TO ENSURE SECURE FIXING TO SUIT SUBSTRATE
AND ENSURE FIXING METHOD IS NOT VISIBLE*

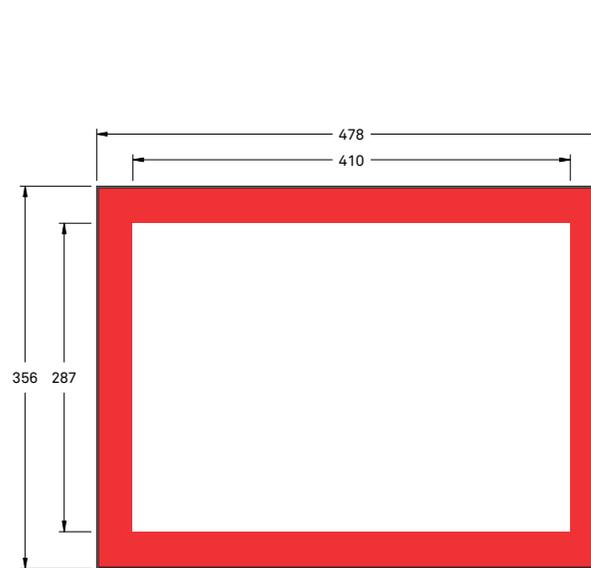
VISIBLE WINDOW TO DISPLAY A3 SIZE EVACUATION DIAGRAM
WITH 5mm BLEED ALL AROUND



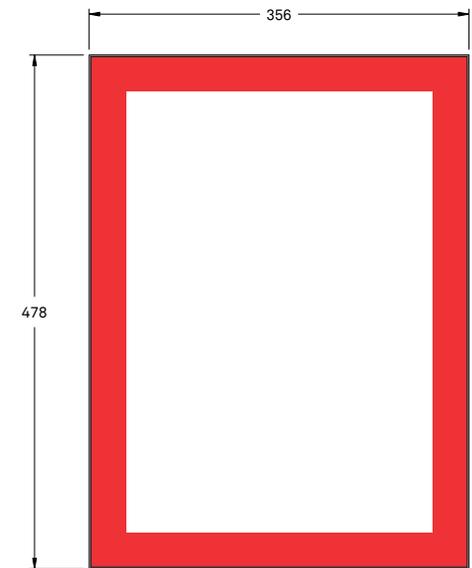
TOP VIEW
SCALE 1:5



TYPICAL SIGN IN SITU
SCALE 1:25



FRONT VIEW - LANDSCAPE ORIENTATION
SCALE 1:5



FRONT VIEW - PORTRAIT ORIENTATION
SCALE 1:5

SIGN FACE
2mm ALUMINIUM PANEL
FINISH: P7

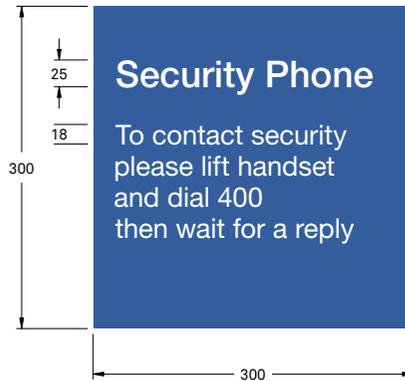
CONTENT
COMPUTER CUT VINYL (UNDER CLEAR COAT)
FINISH: V05

REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

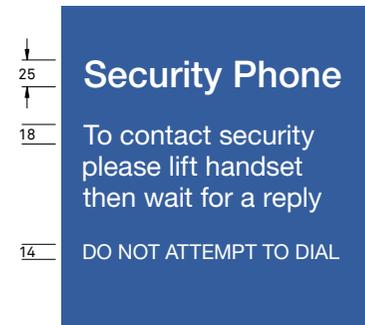
FIXING
PANEL VHB TAPED AND SILICONE FIXED
DIRECT TO WALL SUBSTRATE
CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE
AND ENSURE ADHESION METHOD IS NOT VISIBLE



TYPICAL SIGN IN SITU
SCALE 1:25



FRONT VIEW
SCALE 1:5



ALTERNATE LAYOUT
SCALE 1:5



SIDE VIEW
SCALE 1:5

SIGN FACE

2mm ALUMINIUM PANEL
FINISH: P5

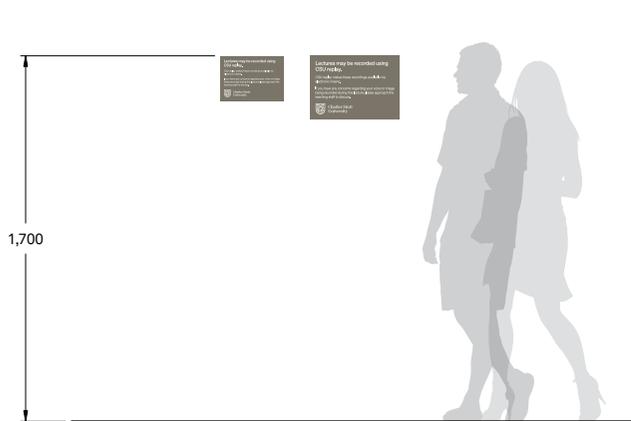
CONTENT

DIGITAL PRINT DIRECT TO VINYL
VINYL TO WRAP RETURNS ONTO REAR OF SIGN FACE PANEL
TO MATCH FINISH: DARK BROWN, WHITE

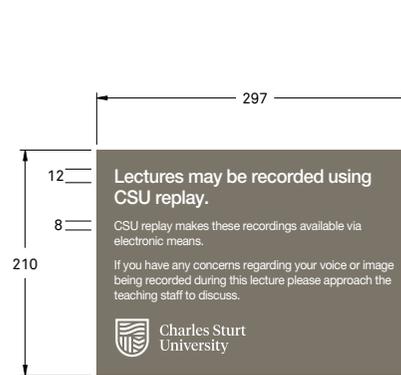
REFER TO ARTWORK FILES FOR TYPICAL GRAPHIC LAYOUT

FIXING

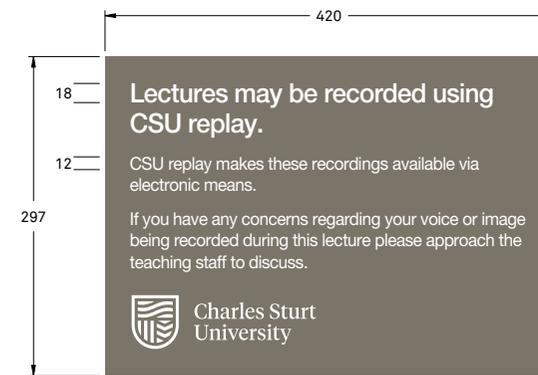
PANEL VHB TAPED AND SILICONE FIXED
DIRECT TO WALL SUBSTRATE
CONTRACTOR TO ENSURE SECURE ADHESION TO SUIT SUBSTRATE
AND ENSURE ADHESION METHOD IS NOT VISIBLE



TYPICAL SIGN IN SITU
SCALE 1:25



FRONT VIEW - A4 SIZE
SCALE 1:5



FRONT VIEW - A3 SIZE
SCALE 1:5

06

Digital signage

Charles Sturt University digital signage	6.1
Digital signage standards	6.2
Digital signage requirements	6.3
Digital signage implementation process	6.4

Charles Sturt University digital signage

Business units requiring a digital signage solution are to engage with the University's preferred digital signage partner to provision an appropriate solution to meet your requirements, based on the recommended solution below.

The preferred digital signage partner is that provider engaged by the Division of Information Technology to provide Audio-Visual (AV) solutions across the University.

Solution

Business units will implement the 'Onelan' cloud based digital signage solution as supplied by ProAV solutions per the Digital Signage Implementation Process.

Backend Server and Software

Cloud based solution. Externally hosted. Secure. Software licences and subscription based. Content stored in the cloud.

Digital Displays

Commercial Grade Samsung (or equivalent). Sized to suit business unit requirements. Network attachable. Digital Displays will have an aspect ratio of 16:9.

Digital Players

Commercial Grade. Network Attachable. HDMI interface. HTML5 compliant.

Content

Business units will develop and manage and are responsible for content. Charles Sturt University Branding guidelines and the Branding and Temporary Signage Guideline will be adhered to. Content will be designed to optimise the display's 16:9 aspect ratio.

Digital signage standards

Digital signage is a form of electronic display that shows content such as television programs, menus, information and other messages commonly found in public and private environments such as retail stores, transport facilities, education and entertainment facilities.

Digital signage content is usually controlled by personal computer or via servers by way of proprietary software programs.

Digital Signage can be used for purposes, including but not limited to:

- Public Information – news, weather and local information, etc.
- Internal Information – corporate messages, emergency and WH&S messages, student and staff announcements etc.
- Advertising – upcoming social events, scholarships, new appointments, etc.
- Brand Building – University identity, market brand, etc.
- Menu Information – pricing information at food outlets, nutritional information, etc.
- Influence staff and student behaviour – giving directions, etc.
- Enhancing staff and student experience – provide information to occupy individuals during wait time.
- Enhancing the Environment – integration of displays into the design of the space to provide display information that enhances the space.

Digital signage requirements

Displays

Digital Signage Displays are different to ordinary flat panel monitors and regular televisions. They are designed to run 24x7, with appropriate power management and cooling fans, bright displays for high visibility and may contain internal media players and have a network interface.

Charles Sturt Digital Signage Displays shall have the following features:

- Faster Ethernet Interface, preferably with SNMP management.
- Less than 1w Power Consumption on standby, support for power Off/On of display from management software, scheduled or manually.
- 178° / 178° Viewing Angle (H / V)
- Minimum 5000 lumens to enable images to be seen in brightly lit or sunlit areas.
- Built-in temperature management.
- Internal speakers.
- HDMI input.
- Ability to be configured in a tiled wall configuration.
- Ability to integrate an interactive kiosk.

Media players

Charles Sturt Digital Signage Media Players shall have the following features:

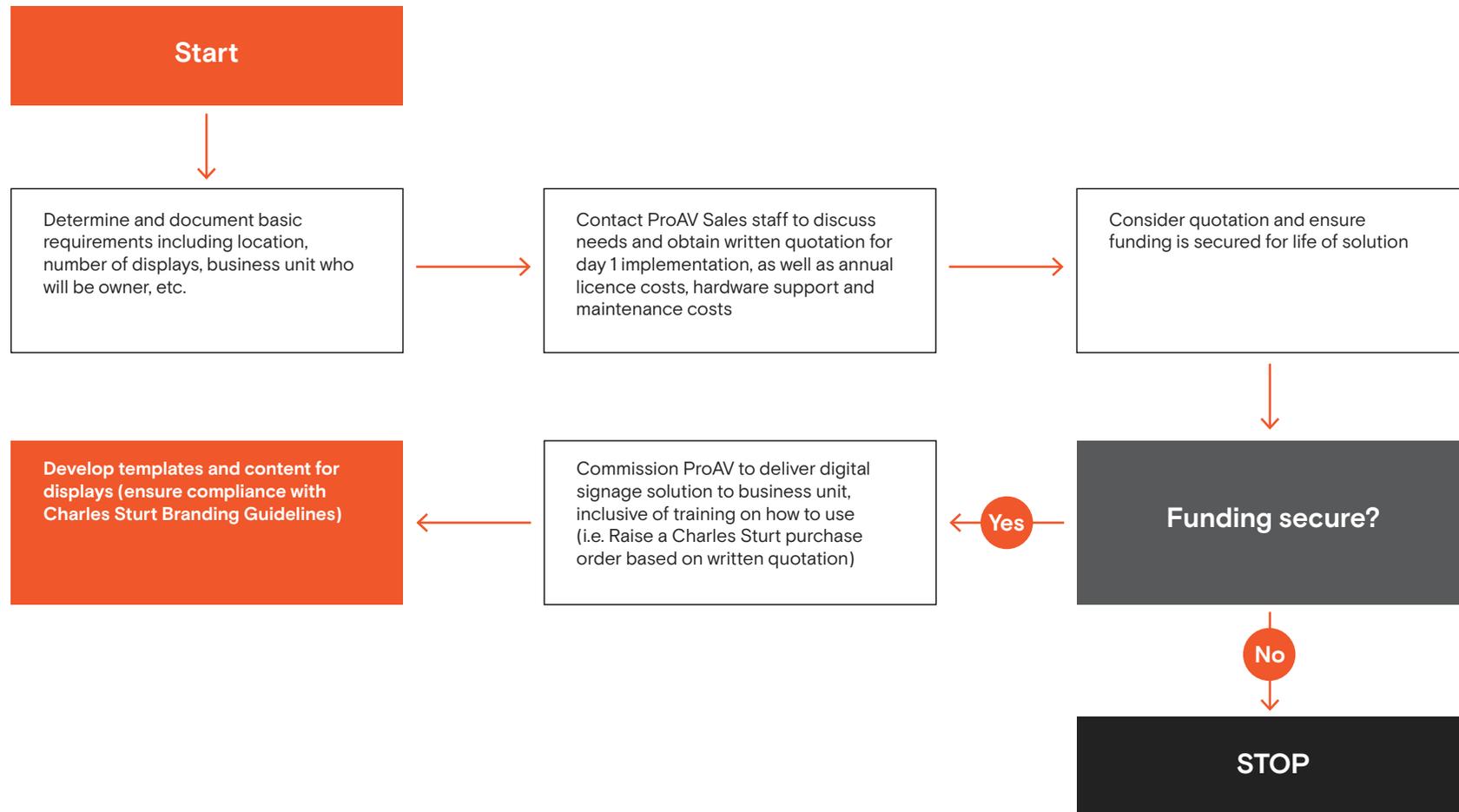
- Ability to support multiple frames/channels;
- Network QOS support
- Support DHCP
- HDMI connectivity
- Secure Mountable
- Local storage & Streaming support.

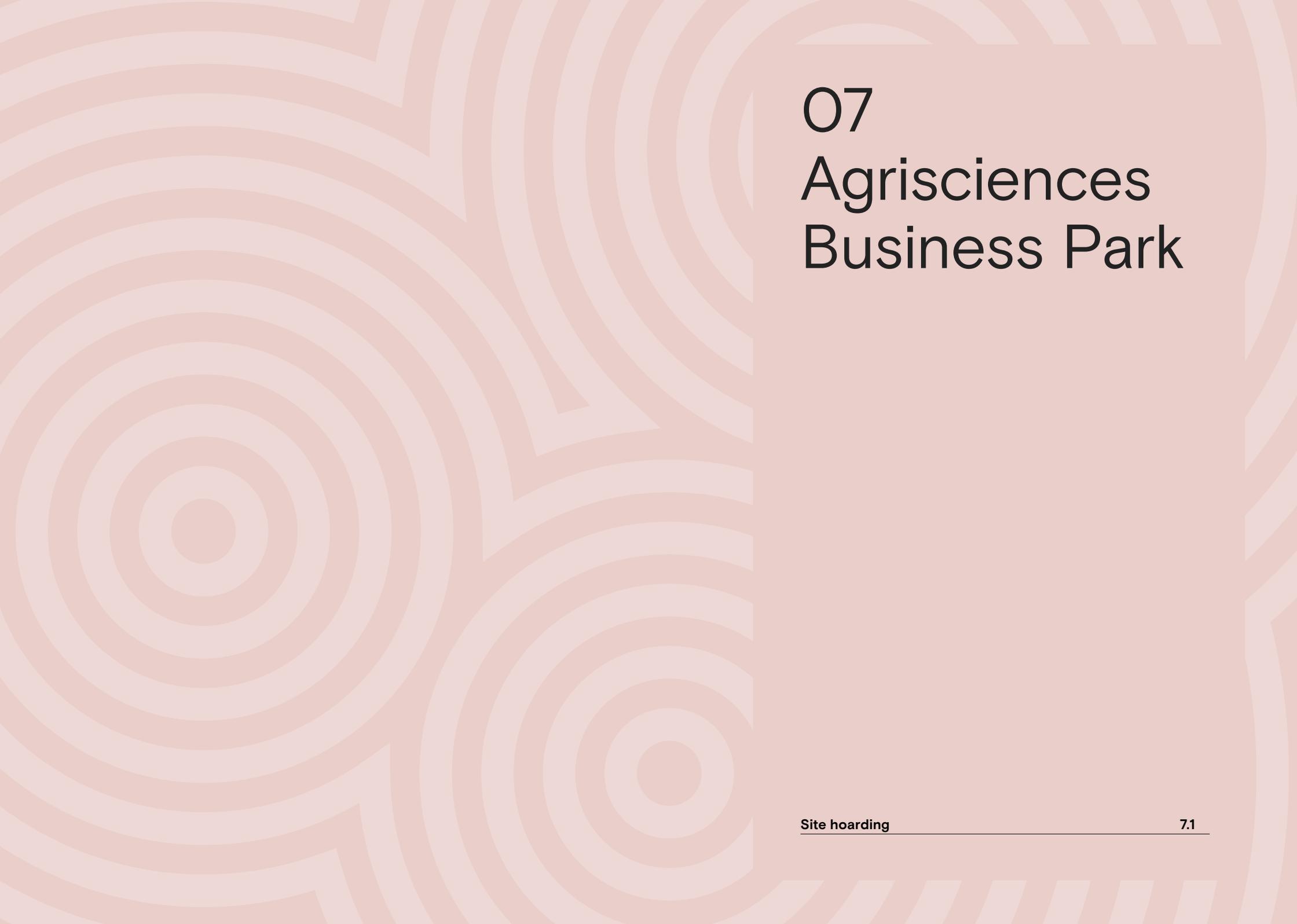
Installation

Installation of Digital Displays will adhere to the following:

- Be affixed using a theft proof mount to support display weight;
- Mount sized correctly for display weight and fixed correctly to support combined display and display mount weight;
- Be mounted to avoid impacting the operation of doors, windows, emergency and exit lighting, fire detection and suppression and emergency equipment.
- Displays and associated equipment shall not impinge on building ingress/egress or disability access paths and facilities.
- Provide at least one dual 240V GPO located behind mount;
- Provide at least one dual Network point located behind mount;
- Avoid areas of high ambient light;
- Provide for adequate ventilation for heat dispersion.
- Include adequate weather protection for the power and network connections (installation by qualified tradespeople only) and protection from rain and other water sources for the display in accordance with the manufacturer's IP rating for the equipment.
- Power and network cabling changes are to be noted and services drawing adjusted to incorporate the power and network alterations and/or additions.
- Sight lines shall be considered when determining where to mount screens to help catch attention of viewers.
- Displays shall be mounted to reduce glare from the screen and/or reflected glare from windows and light sources.

Digital signage implementation process





07 Agrisciences Business Park





Charles Sturt
University