

Wayfinding and Signage Standards

Revision 12
14 December 2023

Chapter G.4 (Sections 18 - 23)

For sections 01 - 08, refer to chapter G.1
For sections 09 - 12, refer to chapter G.2
For sections 13 - 17, refer to chapter G.3



UNSW
SYDNEY

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- Room Numbering Protocol
- RMS & NSW Transport Authority Signage
- Wayfinding Principles

Section

18.0

Map

This section is an overview of the design intent and typical specifications of the map system.

Map Overview

Map Details

Kensington Master Map

Paddington Master Map

Section 18 – Map Overview



Front Elevation - Freestanding Totem
Scale 1:20

Note
Refer to DR.03 Pedestrian Directional Totem and ID.06 Building Entrance Totem for sign details.



Front Elevation - Wall Mounted
Scale 1:20

Note
Refer to DR.06 Primary Wall Mounted External for sign details.

Purpose
The evolving nature of the UNSW site requires a map design that is both recognisable yet open to constant change of buildings, rooms and facilities influenced by the 2025 Architectural plan. In response, the map design is cleaner iteration of the existing map that is easily editable, understandable and accessible for all.

Location
Applied to freestanding totems or wall directional that require an additional layer of wayfinding.

- Note**
- For sign type selection, refer to: Section 5, The Process, Step 3
 - For material finishes, refer to: Section 8, Construction Standards, Finishes Schedule
 - For sign maintenance, refer to: Section 21, Maintenance

Section 18 – Map Details



Detail
Scale 1:3

Graphic Layout

Grid
Graphic map to be applied below directional messaging on sign. Map Graphic can reduce in height in response to the length of directional messaging on signform.

- Layout Details**
- 1 **Map Graphic**
Displays section of master map.
 - 2 **Legend**
Displays pictogram for key destinations and services found within the map.
 - 3 **QR Codes**
Additional assistance and services through QR code mobile scanning

Construction & Materials

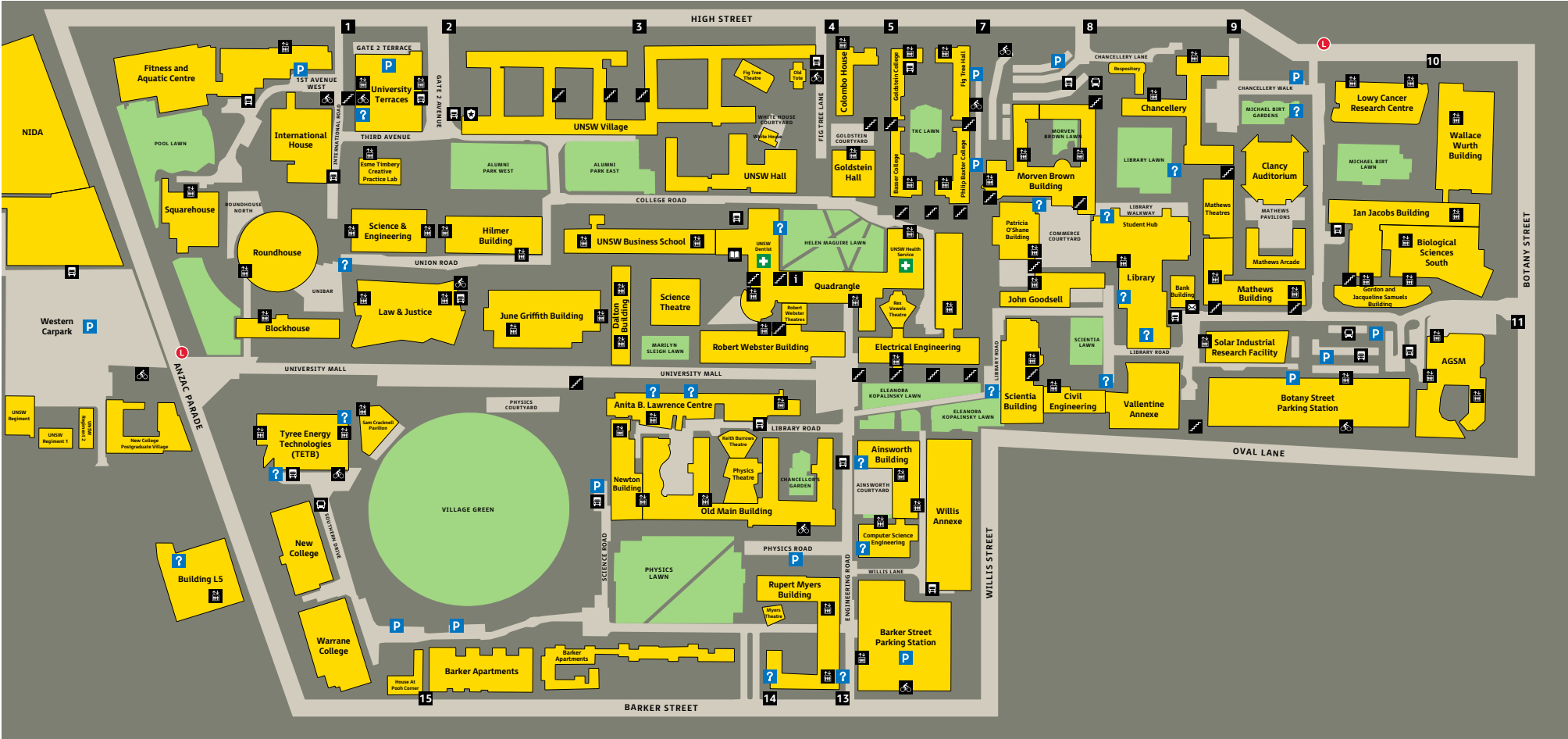
Materiality Legend

- V4
- V4 print applied on top of aluminium

Construction Details

- Refer to: Section 8, Construction Standards, Totem & Wall Mounted Signforms

Section 18 – Kensington Master Map



Map Family

Note
The map should rotate in accordance to viewing orientation of visitor. This allows the viewer to properly understand their surroundings and assess their wayfinding journey.

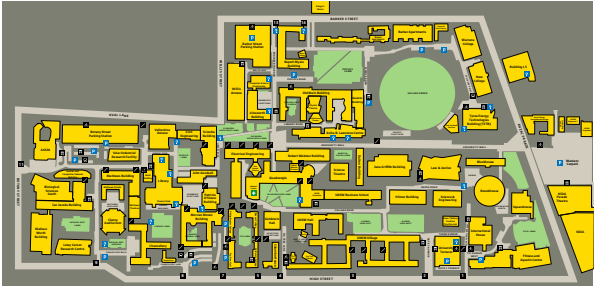
Due to the length of the Kensington Map, it is not recommended to display the full map on directional signage.

Important
Map design shown here is current as at **March 2023**. Any map updates beyond March 2023 to be provided by client.

Master Map
Scale N/A



North Facing Orientation



South Facing Orientation



West Facing Orientation



East Facing Orientation

Section 18 – Paddington Master Map



Master Map
Scale N/A



North Facing
Orientation



South Facing
Orientation



East Facing
Orientation



West Facing
Orientation

Map Family

Note
The map should rotate in accordance to viewing orientation of visitor. This allows the viewer to properly understand their surroundings and assess their wayfinding journey.

Important
Map design shown here is current as at **March 2023**. Any map updates beyond March 2023 to be provided by client.

Section

19.0

Templates

This section is an overview of the design intent and placement of printed and digital templates.

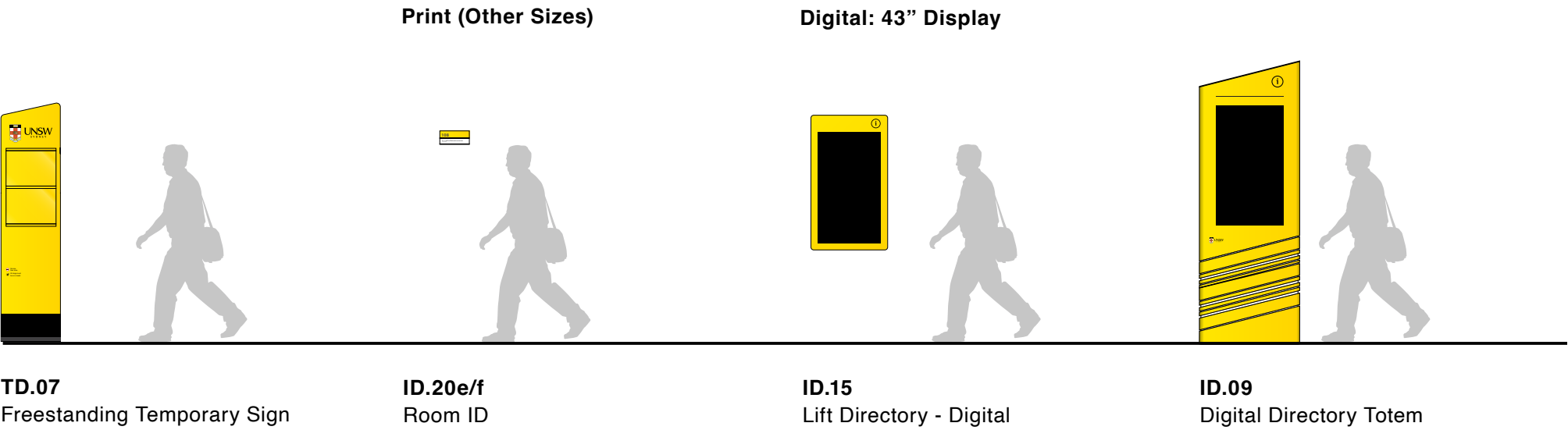
Templates for Print and Digital: Overview

Temporary Signage

Room ID Family

Notice Boards

Section 19 – Templates for Print & Digital: Overview



Purpose

The signforms detailed within this list of templates have been designed for flexibility and changeability due to the nature of operations within UNSW.

These templates have been designed to create a visual consistency within the changeable sign types that can easily be produced in-house with materials and resources provided.

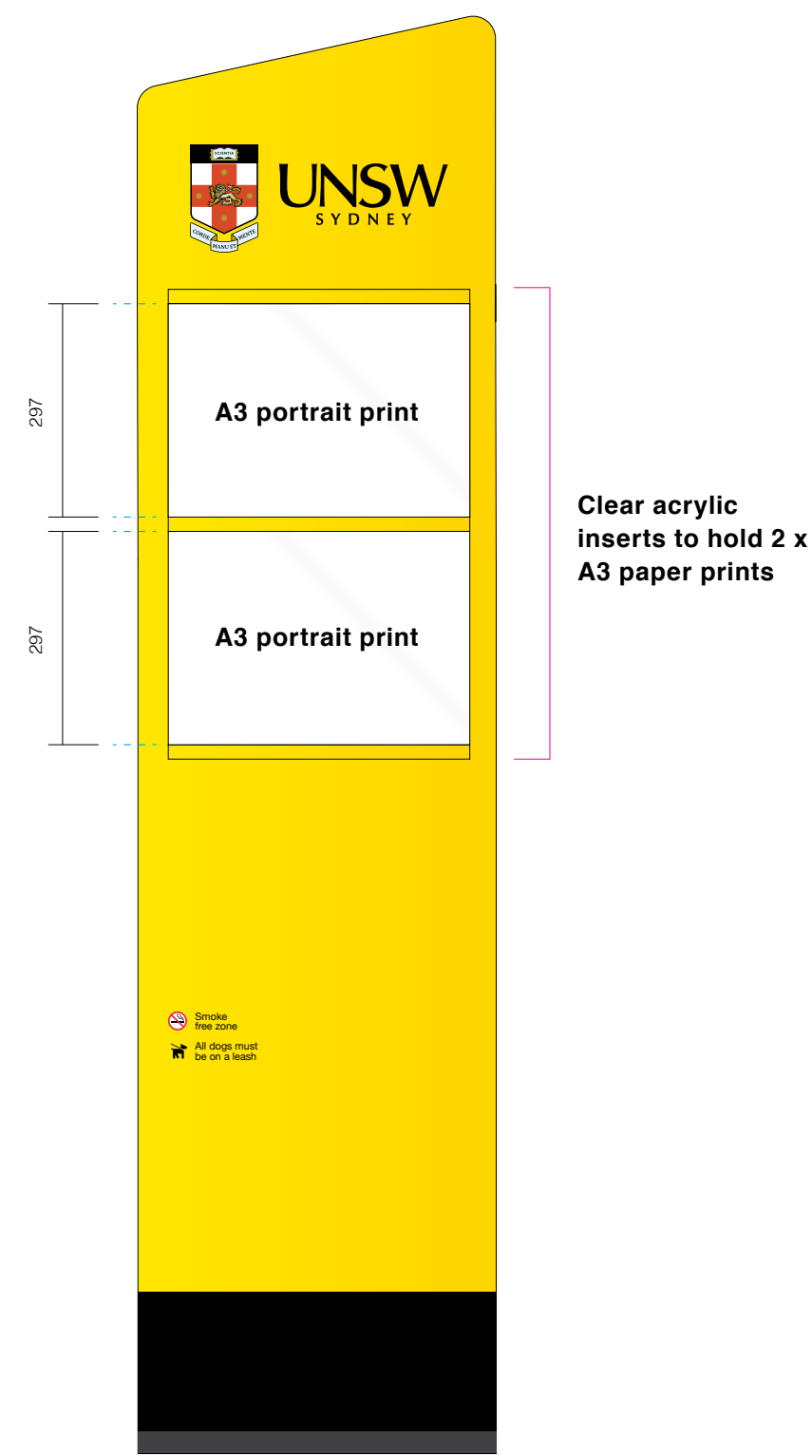
Means of production for sign type messaging include: profile-cut self-adhesive film, inkjet print onto acetate or paper or digital display on TV screens or iPads.

Lock-ups for each of these changeable sign types have also been included to allow for unity for each of the sign types regardless of the time of production to accommodate for changing tenancies at any given time frame.

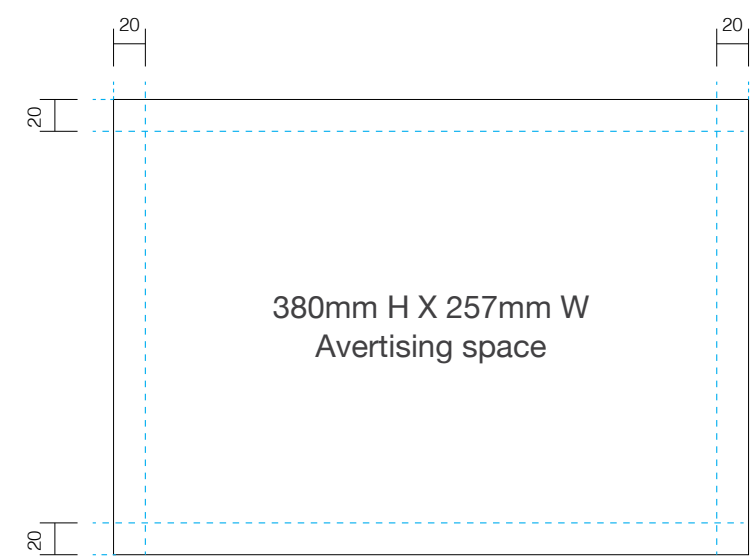
Through form, layout and material options, a variety of sign types can be designed that respond to various site conditions and sizes.

The final form has been designed to be a flexible carrier to the content requirements.

Section 19 – Temporary Sign



TD.07 Detail
Scale 1:10



Visible advertising space -
Scale 1:5

Note
20mm margin is to be maintained for all print outs

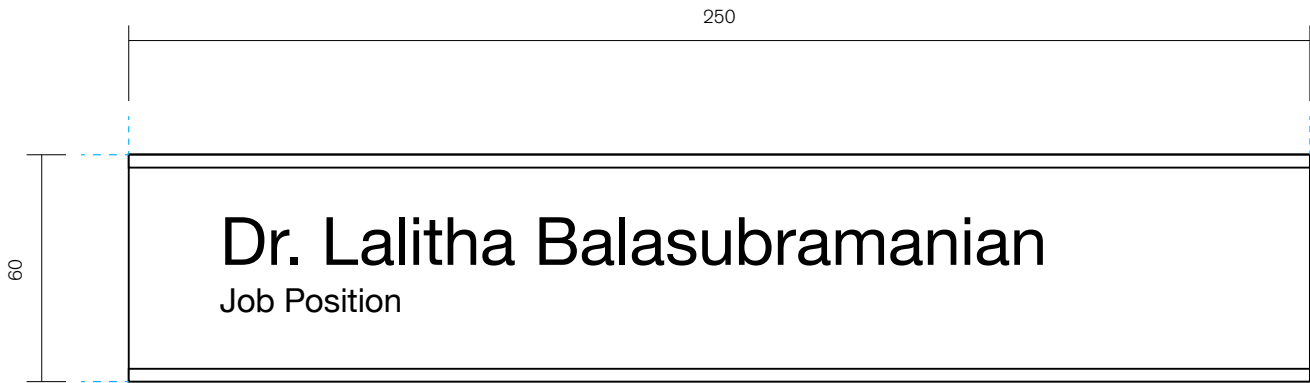
Media Format

A3 Paper
Print Size: 420mm x 297mm
Orientation: Landscape
Margin: Minimum 10mm

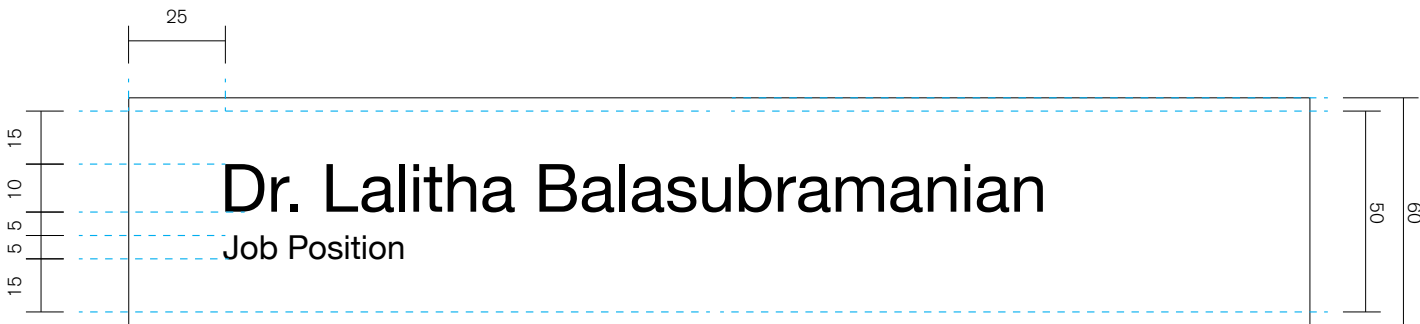
Template Content

- Example print outs specific to TD.07:**
- Content style and layout is at the discretion of advertiser, as long as all content pertains to the 950mm H x 500mm W advertising space

Section 19 – Room ID Family



Print alignment -
60 x 250 mm with 5mm bleed



Inserted into ID.20e - ID.20f
Messaging Layout

Media Format

A4 Paper
Print Size: 250mm W x 60mm H
Orientation: Portrait
Margin: 15mm

Occupant Name
FS Millbank Regular
Size/ Leading: 10mm, 5mm

Job Title
FS Millbank Regular
Size: 5mm

Alignment
Left

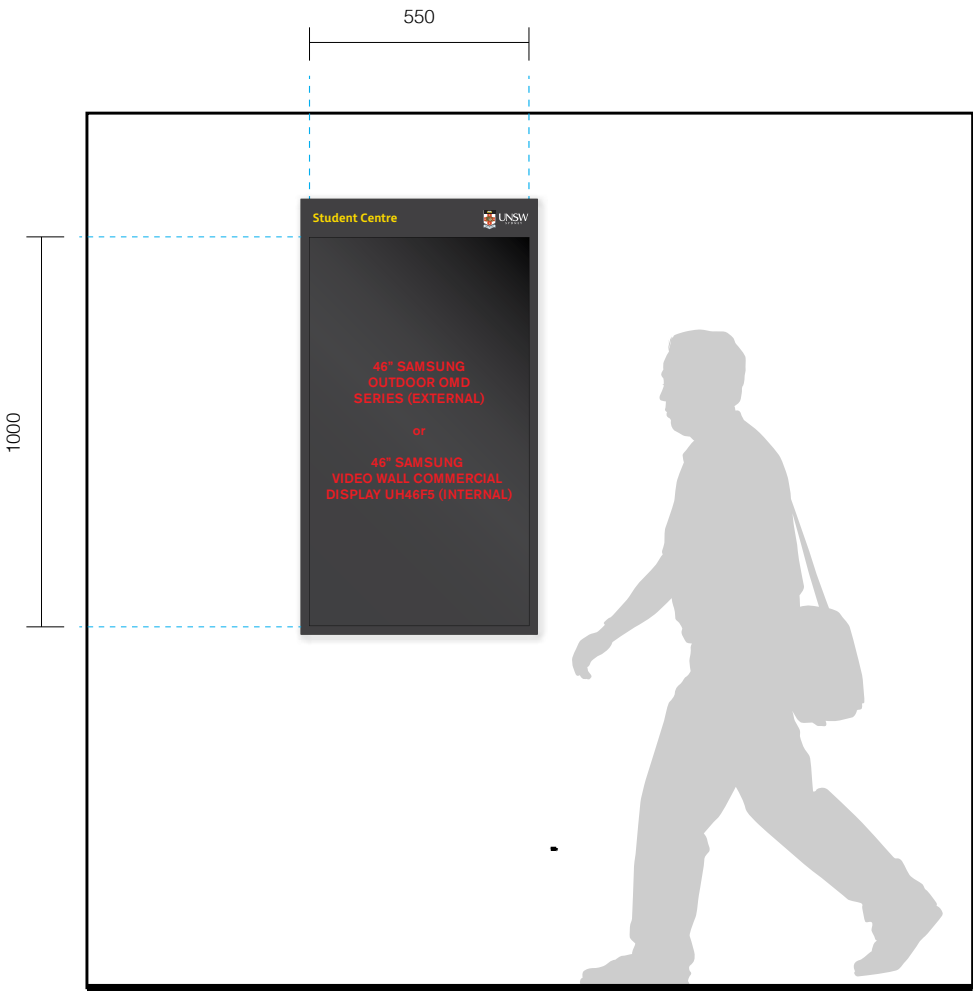
Tracking
10+, Optical kerning

Template Content

Example print outs specific to ID.20e - ID.20f:

- Room occupant
Sliding name plate for staff occupying private office.

Section 19 – Digital Signage



Typical Elevation -
Indicative location
Scale 1:20



Visible advertising space -
Scale 1:5

Note
Contact footer messaging is indicative

Media Format

Digital Screen (Outdoor)
46" Samsung Outdoor OMD Series.
Refer to: <https://www.samsung.com/au/business/smart-signage/outdoor-omd-series/lh46omdpwbcxy/>
Active display size: 1018.08 H x 572.67 W

Digital Screen (Indoor)
46" Videowall Commercial Display UH46F5.
Refer to: <https://www.samsung.com/au/business/smart-signage/lh46uhfclbbxy/>
Active display size: 1018.08 H x 572.67 W

All digital screen specifications are nominal only, to be advised by UNSW and contractor.

Template Content

- Example layout specific to TD.05:**
- Content style and layout is at the discretion of advertiser, as long as all content pertains to the 950mm H x 500mm W advertising space
 - Contact footer provides details for advertising opportunities for students and vendors within the UNSW community

Section

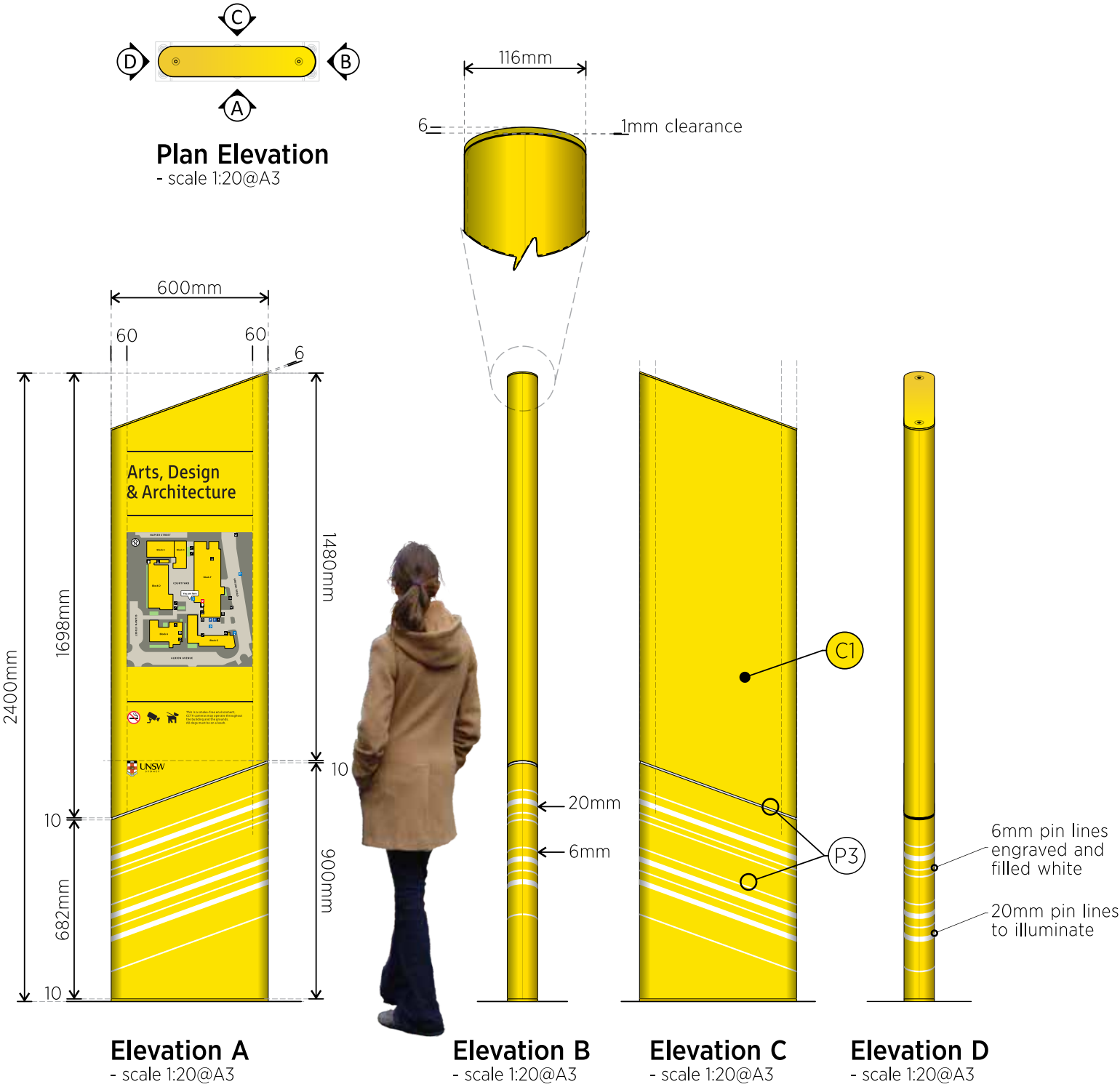
20.0

Shop Drawings

This section is a collection of construction details of every sign within the system.

Shopdrawings received from contractors during the signage guideline roll out phases should be inserted into the following section to ensure consistency across the signage delivery when utilising multiple signage contractors. Signage contractors should refer to these shopdrawings when preparing their own shopdrawings for consistency and clarifications of details and materials.

DR.02 - PEDESTRIAN DIRECTIONAL SIGN (600MM X 2400MM) - TYPICAL



Sign Location - WF04 (Indicative Only)
NTS

GRAPHICS CONTENT INDICATIVE ONLY - NOT FOR PRODUCTION

V2 Black Matte SAV

V3 Digital Print

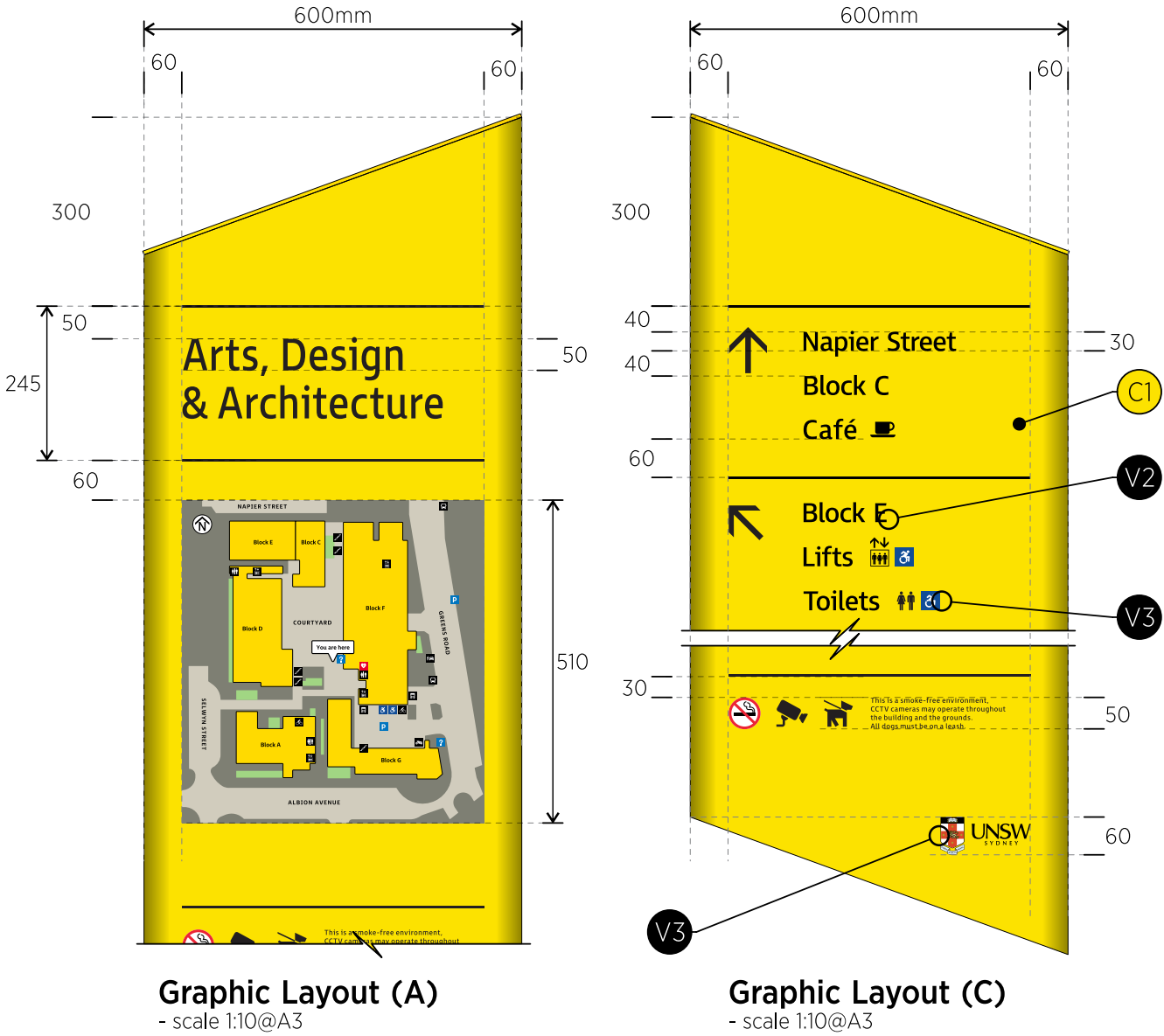
P3 White Satin

C1 Dulux Dandelion Yellow A205 Satin

FILENAME: Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\ TypicalConstruction\ DR02-Pedestrian-DirectionalSign.CDR	DATE DRAWN: 27.07.2022 DRAWN BY: NE CHECKED BY: SCALE: As Indicated @A3	REVISION:	ARTWORK APPROVED BY: DATE APPROVED: / /	☒ DRAFT CONCEPT ONLY Not for production. ☐ CHANGES REQUIRED Please resubmit. ☐ ARTWORK APPROVED ☐ FOR PRODUCTION	CunneenSigns The name you can identify with Cunneen & Company Pty Ltd - ABN: 95 002 189 648 P. 9637 9400 F. 9897 3414 www.cunneensigns.com.au Artwork remains the property of Cunneen & Company Pty Ltd. Any reproduction, alteration by any process, or any other use without the permission or written consent is prohibited.
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DR.02 - PEDESTRIAN DIRECTIONAL SIGN (600MM X 2400MM) - TYPICAL GRAPHIC LAYOUT



NOTE:
ALL SIGN PANEL VISIBLE SURFACE
TO BE TOP COATED SPRAY 'ELCO'
CLEAR SATIN FINISH.

ALL DIRECTIONAL MESSAGE AS VINYL
GRAPHICS APPLIED OVER 'ELCO' CLEAR
COATING.

GRAPHICS CONTENT INDICATIVE ONLY
- NOT FOR PRODUCTION

- V2 Black Matte SAV
- V3 Digital Print
- P3 White Satin
- C1 Dulux Dandelion Yellow A205 Satin

FILENAME:
Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\
TypicalConstruction\
DR02-Pedestrian-DirectionalSign.CDR

DATE DRAWN: 27.07.2022
DRAWN BY: NE
CHECKED BY:
SCALE: As Indicated @A3

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DATE APPROVED: / /

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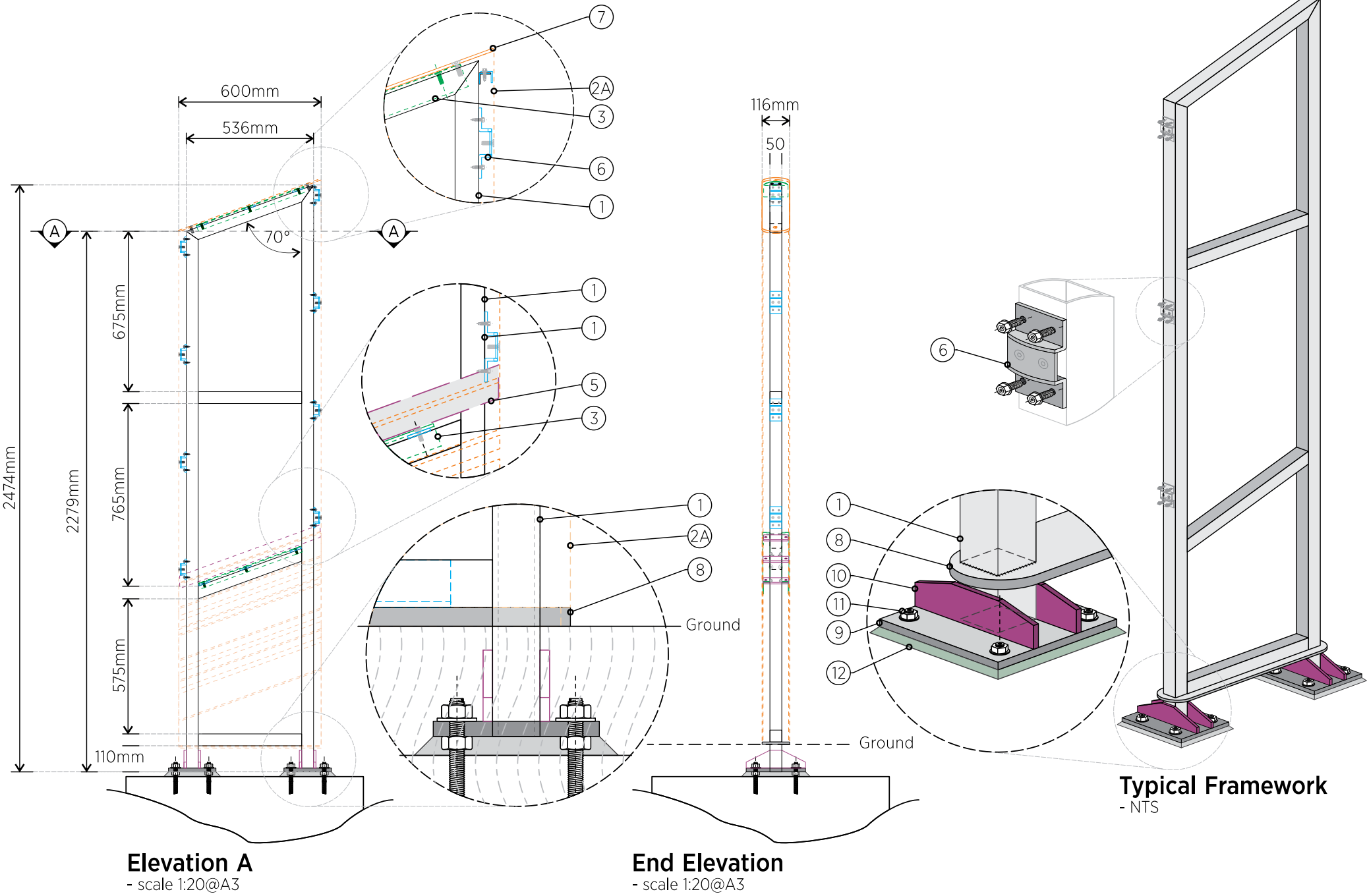
DR.02 - FREESTANDING DIRECTIONAL SIGN (600MM X 2400MM) - TYPICAL FRAMEWORK

SPECIFICATION

- 1. 50mm x 50mmx 6mm galv. steel SHSframework.
- 2A. 3mm aluminium rolled face panels, back & front butt weld fix and dressed to smooth seamless finish.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
- 2B. 3mm aluminium rolled face panels in (2) halves, removable.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
- 3. Aluminium fixing angle - nom.
- 4. Fixing plate- nom.
- 5. aluminium fish plate, rolled and fix internally.
- 6. Aluminium fabricated bracket - nom.
- 7. 6mm aluminium top cover plate.
- 8. 10mm aluminium base surround plate.
- 9. 200mm x 200mm x 16mm galv. steel baseplate, 4/M18 fixing holes @ 140mm CTS.
- 10. 200mm x 75mm x 10mm galv. steel gusset.
- 11. M16 hold-down anchors - nom.
- 12. Non-shrink grout - nom.

NOTE:
ALL SIGN PANEL VISIBLE SURFACE
TO BE TOP COATED SPRAY 'ELCO'
CLEAR SATIN FINISH.

ALL DIRECTIONAL VINYL GRAPHICS
TO BE APPLIED OVER 'ELCO' CLEAR
COATING.



FILENAME:
Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\
TypicalConstruction\
DR02-Pedestrian-DirectionalSign.CDR

DATE DRAWN: 27.07.2022
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DATE APPROVED: / /

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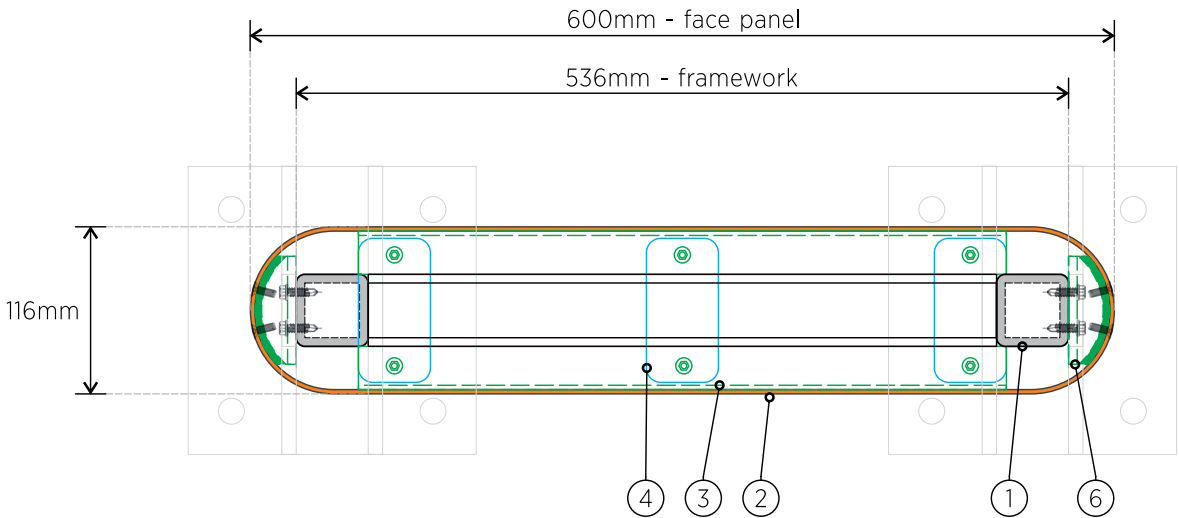
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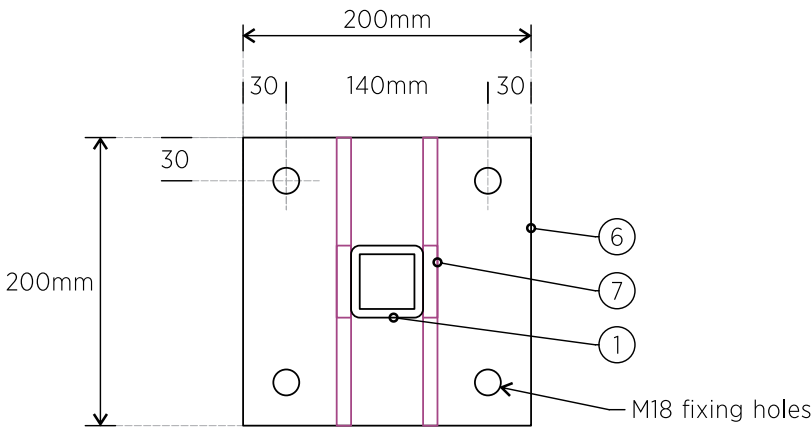
DR.02 - FREESTANDING DIRECTIONAL SIGN (600MM X 2400MM) - TYPICAL FRAMEWORK

SPECIFICATION

- 1. 50mm x 50mmx 6mm galv. steel SHSframework.
- 2. 3mm aluminium rolled face panels in (2) halves, removable. Painted to C1 Dulux Dandelion Yellow A205 satin finish.
- 3. Aluminium fixing angle - nom.
- 4. Fixing plate- nom.
- 5. Aluminium fabricated bracket - nom.
- 6. 200mm x 200mm x 16mm galv. steel baseplate, 4/M18 fixing holes @ 140mm CTS.
- 7. 200mm x 75mm x 10mm galv. steel gusset.



Section A:A - Plan
- scale 1:5@A3



Baseplate
- scale 1:5@A3

FILENAME:

Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\
TypicalConstruction\
DR02-Pedestrian-DirectionalSign.CDR

DATE DRAWN: 27.07.2022

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SCALE:As Indicated @A3

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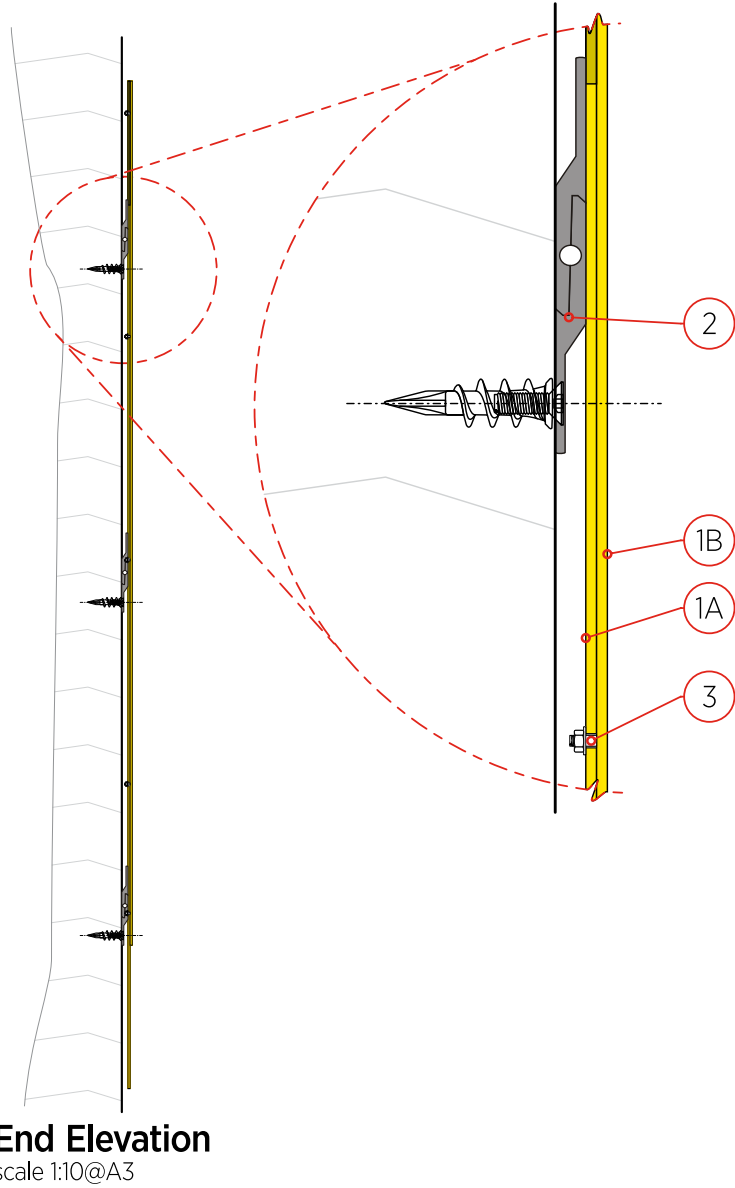
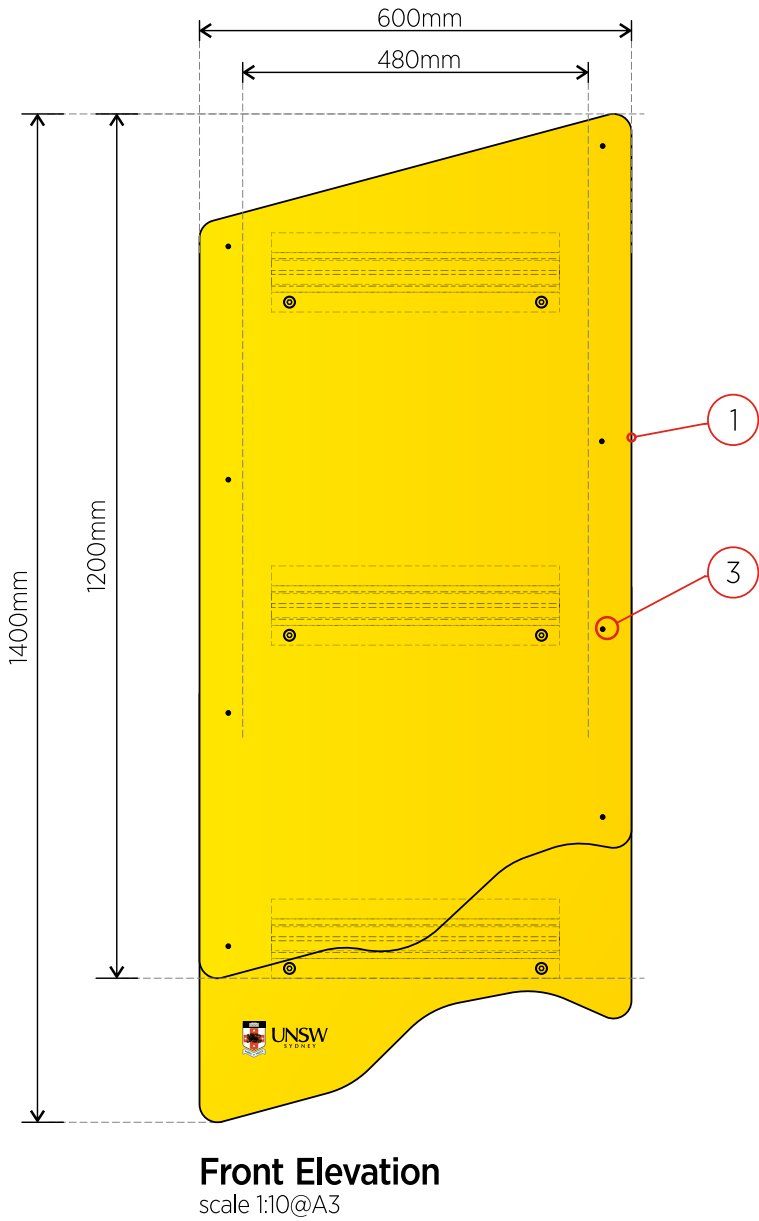
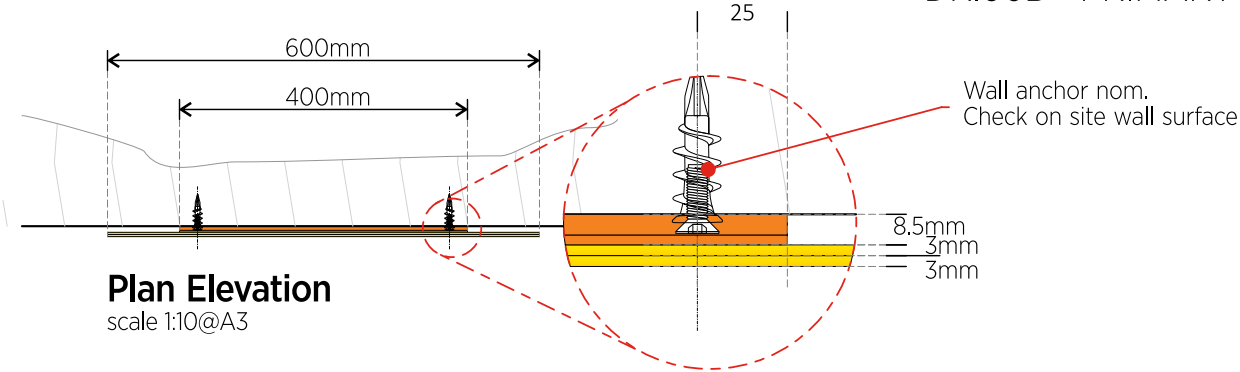
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DR.06B - PRIMARY DIRECTIONAL WALL MOUNT SIGN (600MM X 1400MM) - TYPICAL CONSTRUCTION



Specification

- 1A. 3mm aluminium CNC cut out to shape with fixing holes. Painted to C1 Dulux Dandelion Yellow A205 satin finish. UNSW logo V3 direct printed to panel.
- 1B. 3mm aluminium CNC cut out to shape fix secured to item 1A with pin studs concealed fix to rear. Painted to C1 Dulux Dandelion Yellow A205 satin finish. All graphics in V2 black matte cast SAV applied to panel.
- 2. Aluminium split batten extrusion. 1 side spot weld fix to rear of Item1A sign panel and other mechanically fix to wall. All Painted black satin finish.
- 3. M3 pins concealed to rear of graphic panel. No visible fixings to face panels.

NOTE:
ALL SIGN PANEL VISIBLE SURFACE
TO BE TOP COATED SPRAY 'ELCO'
CLEAR SATIN FINISH.

ALL DIRECTIONAL MESSAGE AS VINYL
GRAPHICS APPLIED OVER 'ELCO' CLEAR
COATING.

GRAPHICS CONTENT INDICATIVE ONLY
- NOT FOR PRODUCTION

V2

Black
Matte
SAV

V3

Digital
Print

Dulux
Dandelion Yellow
A205 Satin

FILENAME:
Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\
TypicalConstruction\
DR06-PrimaryDirectionalSign.CDR

DATE DRAWN: 27.07.2022
DRAWN BY: NE
CHECKED BY:
SCALE:As Indicated @A3

REVISION:

ARTWORK APPROVED BY:

DATE APPROVED: / /

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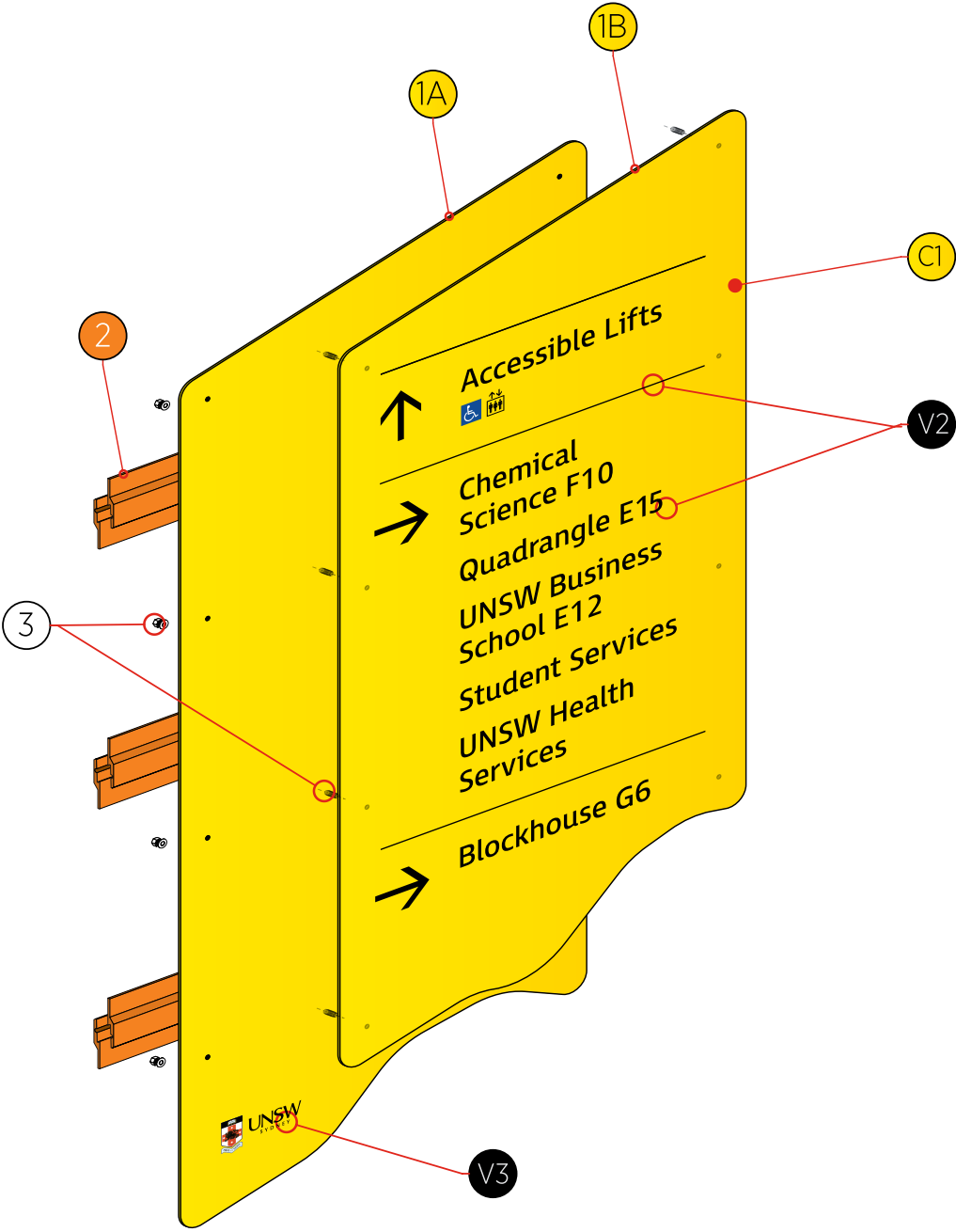
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UNSW Signage and Wayfinding Guidelines

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DR.06B - PRIMARY DIRECTIONAL WALL MOUNT SIGN (600MM X 1400MM) - TYPICAL CONSTRUCTION



Exploded Elevation
Do not sue to scale

Specification

- 1A. 3mm aluminium CNC cut out to shape with fixing holes.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
UNSW logo V3 direct printed to panel.
- 1B. 3mm aluminium CNC cut out to shape fix secured to item 1A with pin studs concealed fix to rear.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
All graphics in V2 black matte cast SAV applied to panel.
- 2. Aluminium split batten extrusion.
1 side spot weld fix to rear of Item1A sign panel and other mechanically fix to wall. All Painted black satin finish.
- 3. M3 pins concealed to rear of graphic panel.
No visible fixings to face panels.

NOTE:
ALL SIGN PANEL VISIBLE SURFACE
TO BE TOP COATED SPRAY 'ELCO'
CLEAR SATIN FINISH.

ALL DIRECTIONAL MESSAGE AS VINYL
GRAPHICS APPLIED OVER 'ELCO' CLEAR
COATING.

GRAPHICS CONTENT INDICATIVE ONLY
- NOT FOR PRODUCTION

V2

Black
Matte
SAV

V3

Digital
Print

Dulux
Dandelion Yellow
A205 Satin

FILENAME:
Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\
TypicalConstruction\
DR06-PrimaryDirectionalSign.CDR

DATE DRAWN: 27.07.2022

DRAWN BY: NE

CHECKED BY:

SCALE:As Indicated @A3

REVISION:

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DATE APPROVED: / /

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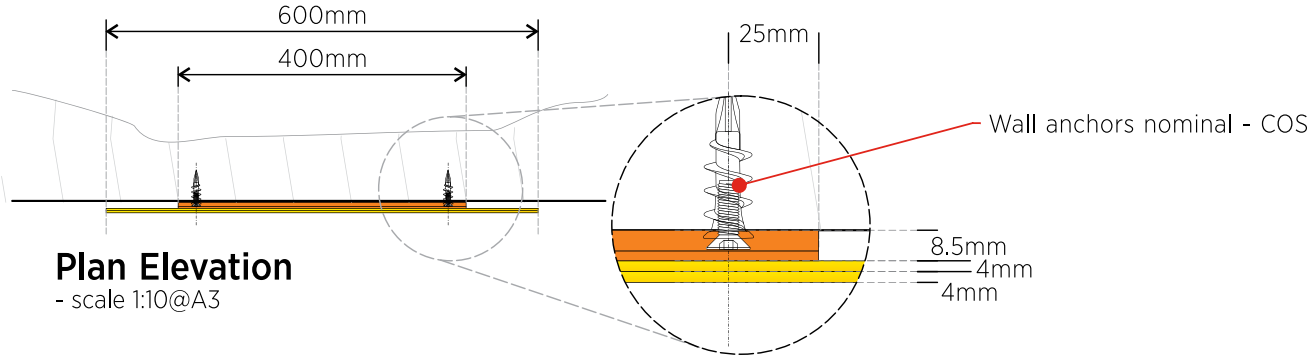
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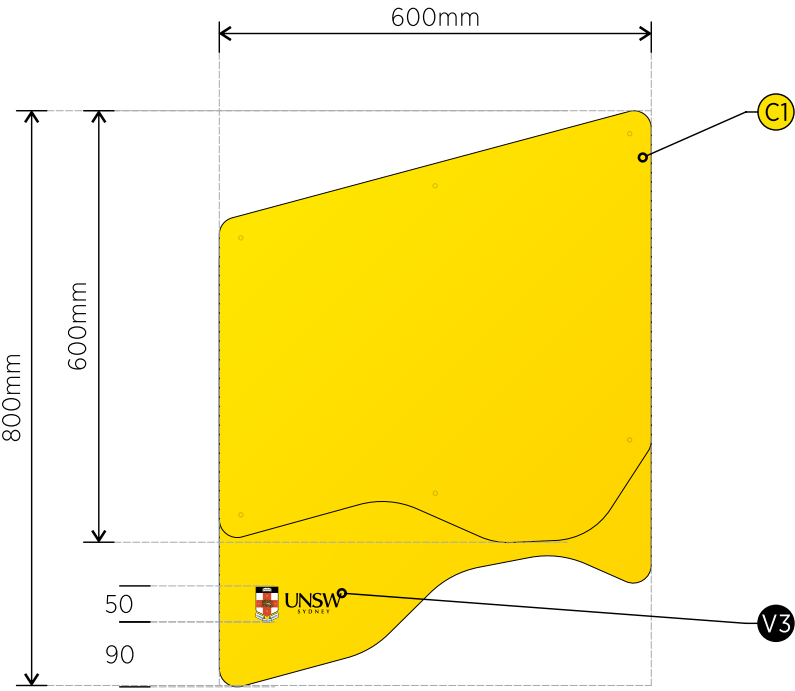
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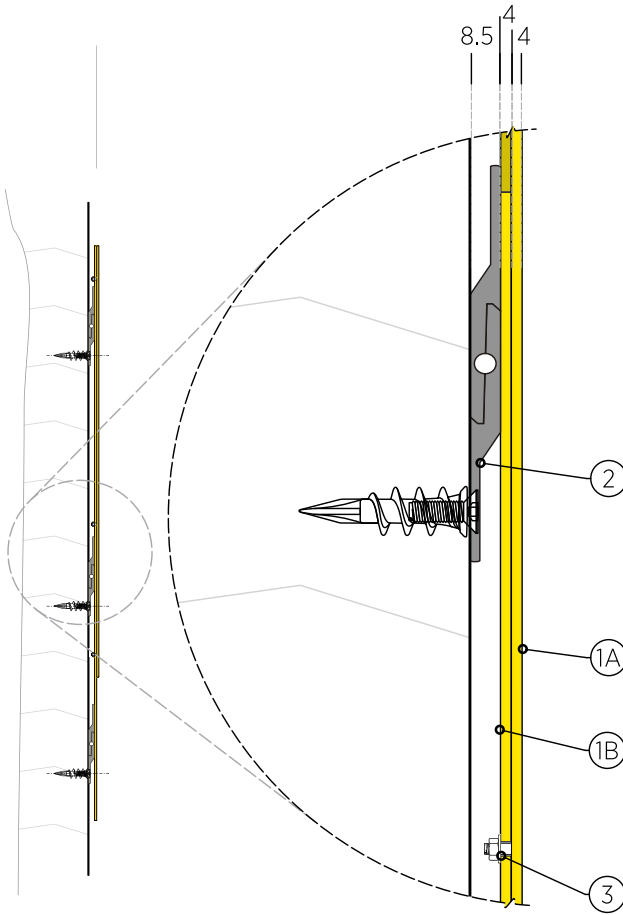
DR.07 - PRIMARY(SMALL) DIRECTIONAL SIGN WALL MOUNT (600MM X 800MM) - TYPICAL LAYOUT|CONSTRUCTION



Plan Elevation
- scale 1:10@A3



Front Elevation
- scale 1:10@A3



End Elevation
- scale 1:10@A3

SPECIFICATION

- 1A. 3mm aluminium CCN cut out to shape with fixing holes. Painted to C1 Dulux Dandelion Yellow A205 satin finish. Pinline to be engrave and filled black.
- 1B. 3mm aluminium CCN cut out to shape fix secure to item 1A with pin studs concealed to rear. Painted to C1 Dulux Dandelion Yellow A205 satin finish. UNSW logo V3 direct printed to painted panel.
- 2. Aluminium split batten extrusion. 1 side spot weld fix to rear of item 1A sign panel and other mechanically fix to wall. All painted black satin finish.
- 3. M3 pins concealed to rear of graphic panel. No visible fixings to face panels.

NOTE:
ALL SIGN PANEL VISIBLE SURFACE
TO BE TOP COATED SPRAY 'ELCO'
CLEAR SATIN FINISH.

ALL DIRECTIONAL MESSAGE AS VINYL
GRAPHICS APPLIED OVER 'ELCO' CLEAR
COATING.

GRAPHICS CONTENT INDICATIVE ONLY
- NOT FOR PRODUCTION



FILENAME:
Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\
TypicalConstruction\
DR07-PrimarySmallDirectionalSign-WallMount.CDR

DATE DRAWN: 27.07.2022
DRAWN BY: NE
CHECKED BY:
SCALE:As Indicated @A3

REVISION:

ARTWORK APPROVED BY:
DATE APPROVED: / /

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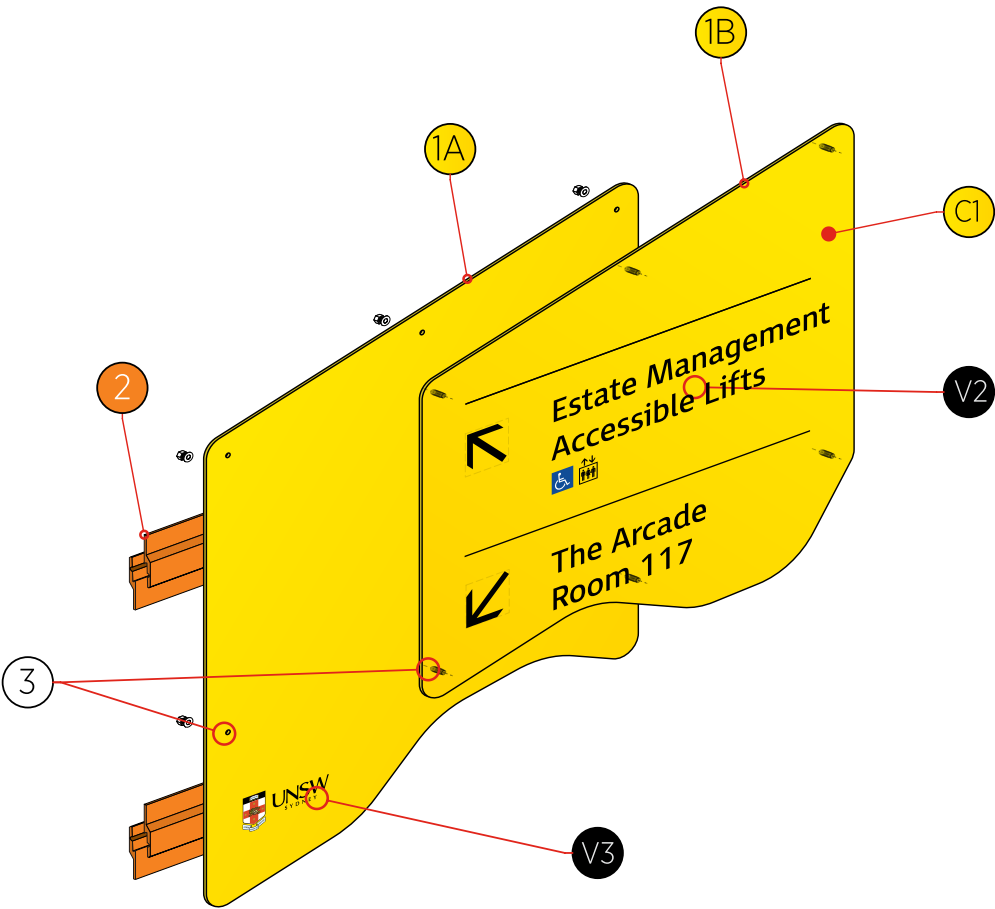
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Exploded Elevation
Do not sue to scale

SPECIFICATION

- 1A. 3mm aluminium CCN cut out to shape with fixing holes. Painted to C1 Dulux Dandelion Yellow A205 satin finish. Pinline to be engrave and filled black.
- 1B. 3mm aluminium CCN cut out to shape fix secure to item 1A with pin studs concealed to rear. Painted to C1 Dulux Dandelion Yellow A205 satin finish. UNSW logo V3 direct printed to painted panel.
- 2. Aluminium split batten extrusion. 1 side spot weld fix to rear of item 1A sign panel and other mechanically fix to wall. All painted black satin finish.
- 3. M3 pins concealed to rear of graphic panel. No visible fixings to face panels.

NOTE:
ALL SIGN PANEL VISIBLE SURFACE
TO BE TOP COATED SPRAY 'ELCO'
CLEAR SATIN FINISH.

ALL DIRECTIONAL MESSAGE AS VINYL
GRAPHICS APPLIED OVER 'ELCO' CLEAR
COATING.

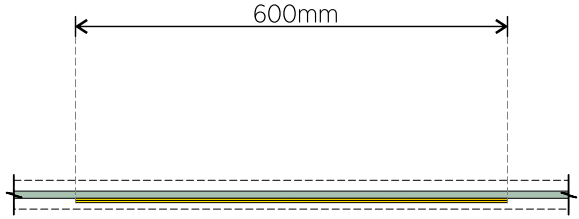
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FILENAME: Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\ TypicalConstruction\ DR07-PrimarySmallDirectionalSign-WallMount.CDR	DATE DRAWN: 27.07.2022 DRAWN BY: NE CHECKED BY: SCALE: As Indicated @A3	REVISION:	ARTWORK APPROVED BY: DATE APPROVED: / /	☒ DRAFT CONCEPT ONLY Not for production. ☐ CHANGES REQUIRED Please resubmit. ☐ ARTWORK APPROVED ☐ FOR PRODUCTION	CunneenSigns <i>The name you can identify with</i> Cunneen & Company Pty Ltd - ABN: 95 002 189 648 P. 9637 9400 F. 9897 3414 www.cunneensigns.com.au Artwork remains the property of Cunneen & Company Pty Ltd. Any reproduction, alteration by any process, or any other use without the permission or written consent is prohibited.
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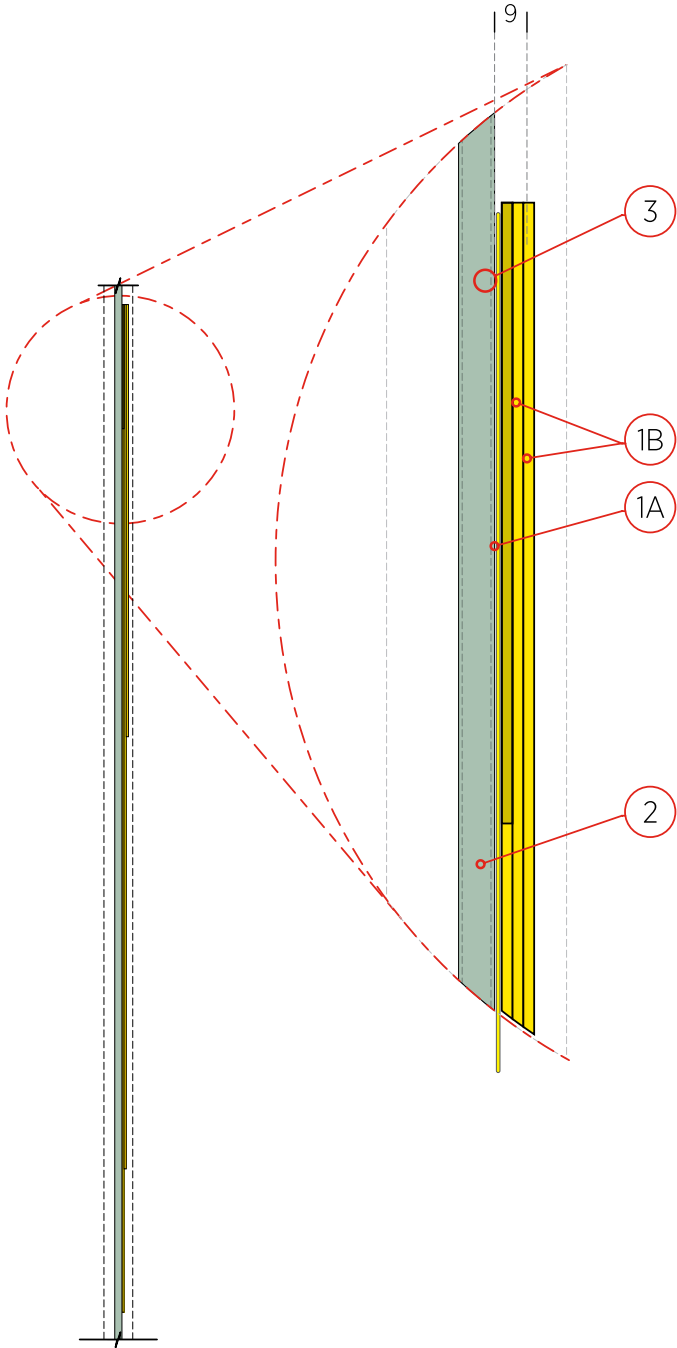
TYPE ID.07 BUILDING ID/DIRECTIONAL SIGNS (GLAZING MOUNTED) - TYPICAL CONSTRUCTION



Plan Elevation
scale 1:10@A3



Front Elevation
scale 1:10@A3



End Elevation
scale 1:10@A3

Specification

- 1A. 3mm aluminium CNC cut out to shape backing panel.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
UNSW logo V3 direct printed to panel.
- 1B. 3mm aluminium CNC cut out to shape graphic panel.
VHB tape/adhesive fix to item 1A.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
All graphics in V2 black matte cast SAV applied to panel.
- 2. Avery #707 Primrose Yellow backing film,
applied to glazing to conceal VHB tape fixings.

ITEMS 1A & 1B VHB TAPE/ADHESIVE FIX AS COMPLETE SIGN.
INSTALLED TO GLAZING WITH VHB TAPE ATOP OF (ITEM2).

NOTE:
ALL SIGN PANEL VISIBLE SURFACE
TO BE TOP COATED SPRAY 'ELCO'
CLEAR SATIN FINISH.

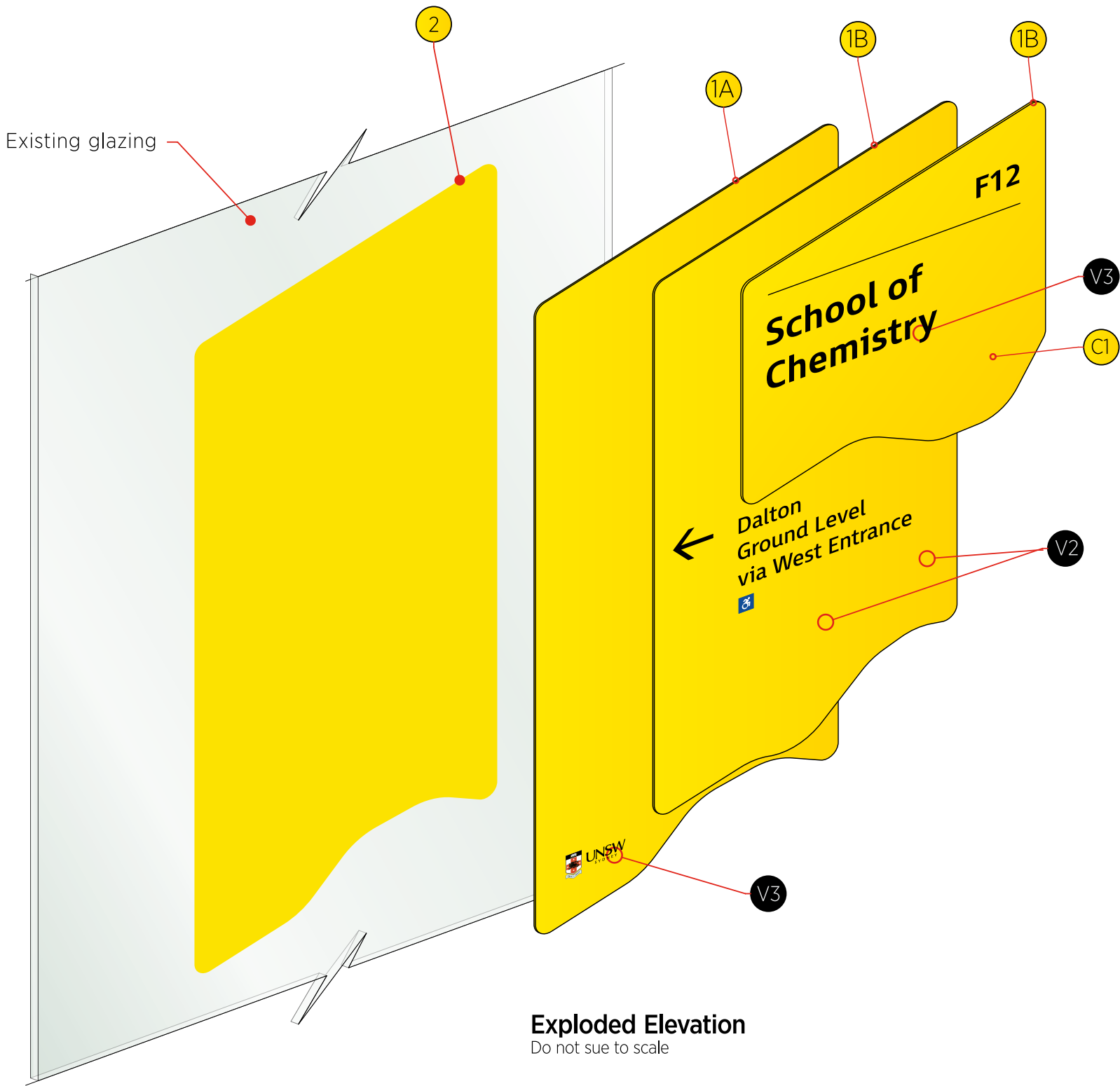
ALL DIRECTIONAL MESSAGE AS VINYL
GRAPHICS APPLIED OVER 'ELCO' CLEAR
COATING.



FILENAME: Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\ TypicalConstruction\ ID07-BuildingEntry-ID-DirectionalSign-GlazingMounted.CDR	DATE DRAWN: 27.07.2022 DRAWN BY: NE CHECKED BY: SCALE: As Indicated @A3	REVISION:	ARTWORK APPROVED BY: DATE APPROVED: / /	☒ DRAFT CONCEPT ONLY Not for production. ☐ CHANGES REQUIRED Please resubmit. ☐ ARTWORK APPROVED ☐ FOR PRODUCTION	 CunneenSigns The name you can identify with Cunneen & Company Pty Ltd - ABN: 95 002 189 648 P. 9637 9400 F. 9897 3414 www.cunneensigns.com.au Artwork remains the property of Cunneen & Company Pty Ltd. Any reproduction, alteration by any process, or any other use without the permission or written consent is prohibited.
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TYPE ID.07 BUILDING ID/DIRECTIONAL SIGNS (GLAZING MOUNTED) - TYPICAL CONSTRUCTION



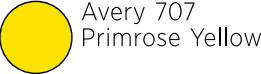
Specification

- 1A. 3mm aluminium CNC cut out to shape backing panel.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
UNSW logo V3 direct printed to panel.
- 1B. 3mm aluminium CNC cut out to shape graphic panel.
VHB tape/adhesive fix to item 1A.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
All graphics in V2 black matte cast SAV applied to panel.
- 2. Avery #707 Primrose Yellow backing film,
applied to glazing to conceal VHB tape fixings.

ITEMS 1A & 1B VHB TAPE/ADHESIVE FIX AS COMPLETE SIGN.
INSTALLED TO GLAZING WITH VHB TAPE ATOP OF (ITEM2).

NOTE:
ALL SIGN PANEL VISIBLE SURFACE
TO BE TOP COATED SPRAY 'ELCO'
CLEAR SATIN FINISH.

ALL DIRECTIONAL MESSAGE AS VINYL
GRAPHICS APPLIED OVER 'ELCO' CLEAR
COATING.



FILENAME:
Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\
TypicalConstruction\
ID07-BuildingEntry-ID-DirectionalSign-GlazingMounted.CDR

DATE DRAWN: 27.07.2022
DRAWN BY: NE
CHECKED BY:
SCALE:As Indicated @A3

REVISION:

ARTWORK APPROVED BY:

DATE APPROVED: / /

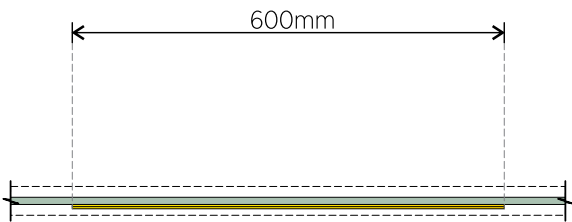
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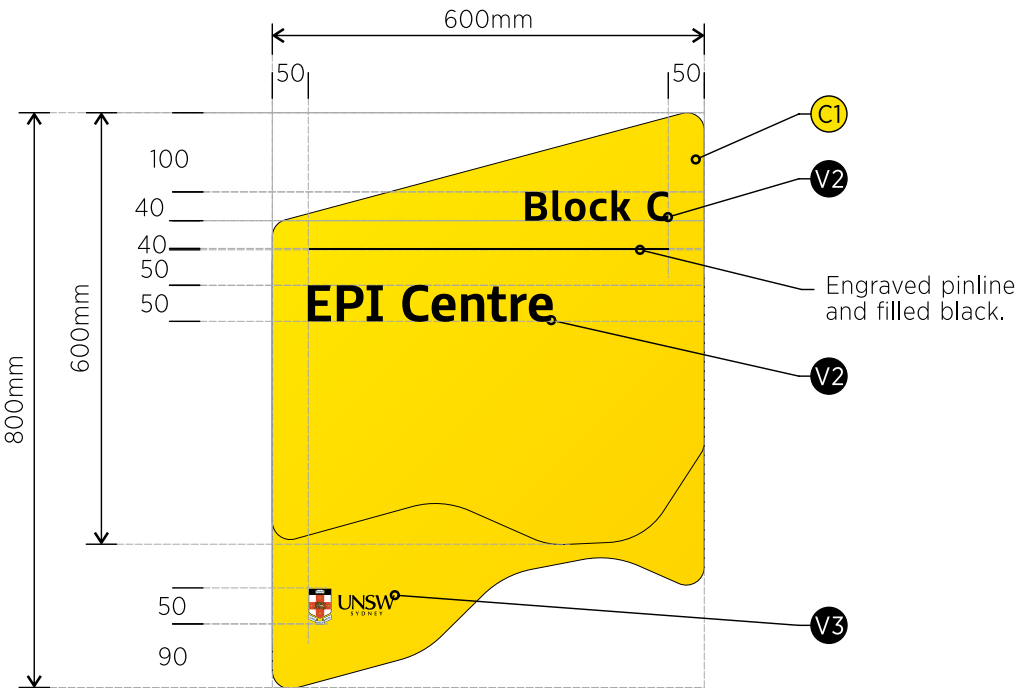
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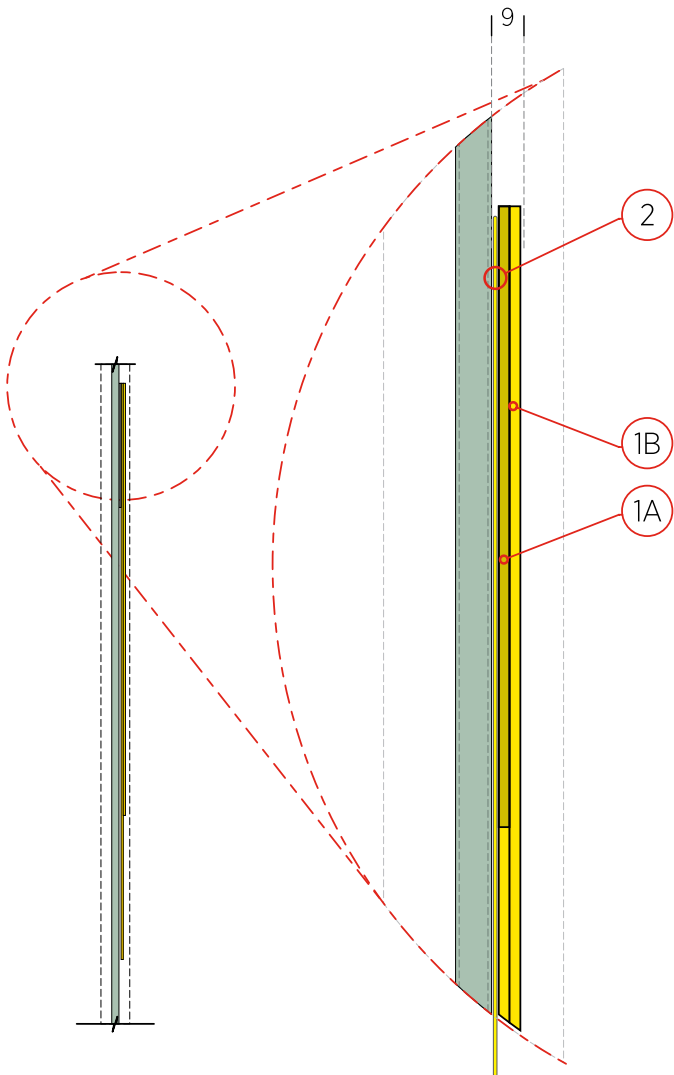
ID.08 - EXTERNAL FACILITY ENTRANCE GLAZING MOUNT SIGN (600MM X 800MM) - TYPICAL LAYOUT|CONSTRUCTION



Plan Elevation
scale 1:10@A3



Front Elevation
- scale 1:10@A3



End Elevation
- scale 1:10@A3

Specification

- 1A. 3mm aluminium CNC cut out to shape backing panel.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
UNSW logo V3 direct printed to panel.
- 1B. 3mm aluminium CNC cut out to shape graphic panel.
VHB tape/adhesive fix to item 1A.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
All graphics in V2 black matte cast SAV applied to panel.

- 2. Avery #707 Primrose Yellow backing film,
applied to glazing to conceal VHB tape fixings.

ITEMS 1A & 1B VHB TAPE/ADHESIVE FIX AS COMPLETE SIGN.
INSTALLED TO GLAZING WITH VHB TAPE ATOP OF (ITEM2).

NOTE:
ALL SIGN PANEL VISIBLE SURFACE
TO BE TOP COATED SPRAY 'ELCO'
CLEAR SATIN FINISH.



FILENAME:
Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\
TypicalConstruction\
ID08-FacilityEntry-IDSign.CDR

DATE DRAWN: 27.07.2022
DRAWN BY: NE
CHECKED BY:
SCALE:As Indicated @A3

REVISION:

ARTWORK APPROVED BY:

DATE APPROVED: / /

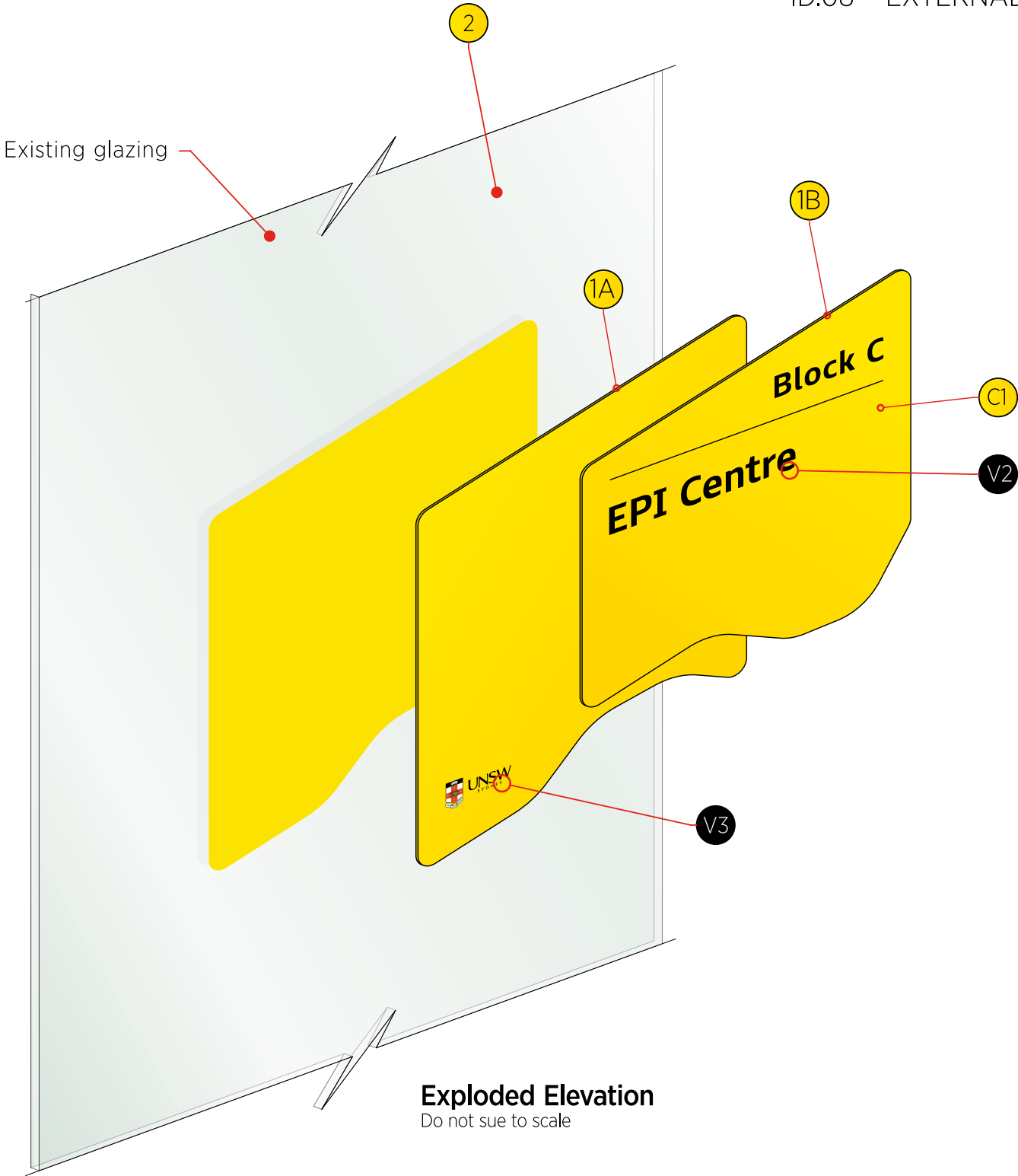
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ID.08 - EXTERNAL FACILITY ENTRANCE GLAZING MOUNT SIGN (600MM X 800MM) - CONSTRUCTION



Specification

- 1A. 3mm aluminium CNC cut out to shape backing panel.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
UNSW logo V3 direct printed to panel.
- 1B. 3mm aluminium CNC cut out to shape graphic panel.
VHB tape/adhesive fix to item 1A.
Painted to C1 Dulux Dandelion Yellow A205 satin finish.
All graphics in V2 black matte cast SAV applied to panel.
- 2. Avery #707 Primrose Yellow backing film,
applied to glazing to conceal VHB tape fixings.

ITEMS 1A & 1B VHB TAPE/ADHESIVE FIX AS COMPLETE SIGN.
INSTALLED TO GLAZING WITH VHB TAPE ATOP OF (ITEM2).

NOTE:
ALL SIGN PANEL VISIBLE SURFACE
TO BE TOP COATED SPRAY 'ELCO'
CLEAR SATIN FINISH.



FILENAME:
Art 68\U\UNSW\68939-R2-Kensington-WayfindingSignage\
TypicalConstruction\
ID08-FacilityEntry-IDSign.CDR

DATE DRAWN: 27.07.2022
DRAWN BY: NE
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SCALE:As Indicated @A3

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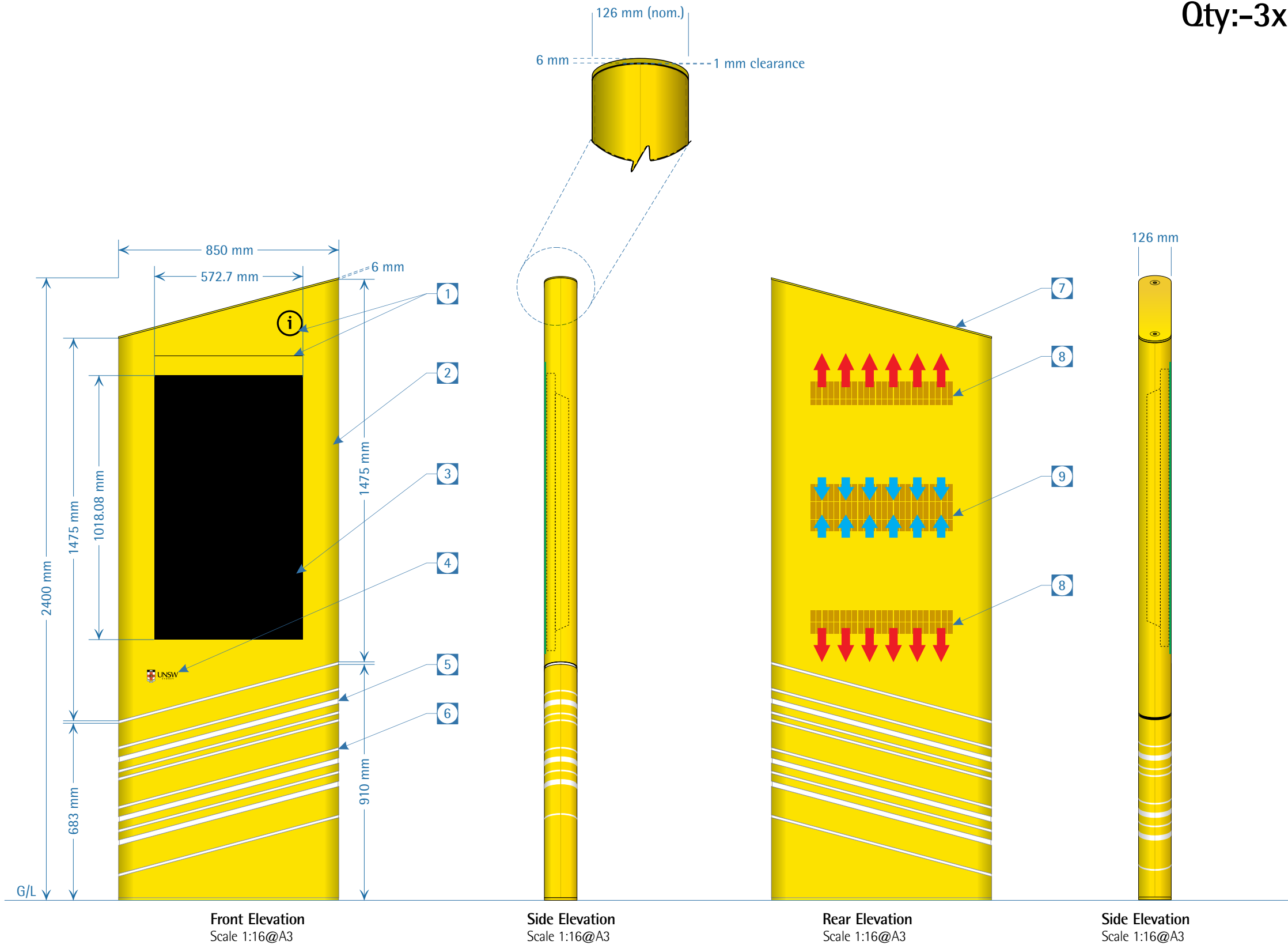
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Qty:-3x



Sign Specifications

- 1 Avery matte black series 900 individual cut-out SAV graphics.
- 2 3mm thick aluminium folded and cladded to main frame, painted Dulux Dandelion to all visible edges and surfaces.
- 3 Samsung OH 46B digital signage screen external grade.
- 4 Avery matte black series 900 individual cut-out SAV graphics, with 'UNSW' logo digitally printed to 3M SAV, over-laminated with satin finish.
- 5 20mm thick profile cut through, evenly illuminated with cool LEDs, backed with 3mm thick opal acrylic panels.
- 6 6mm thick profile engraved lines 1.5mm deep, paint filled in white
- 7 6mm thick cap plate fixed with countersunk fixings.
- 8 Outlet air vents for heat release from digital sign
- 9 Inlet air vents for cooling of digital sign.

Colour References



FILENAME:
Art 70\A\A W Edwards\70809\70809.cdr

DRAWN BY: PALI
CHECKED BY: AK
SCALE: As Indicated @A3

DATE DRAWN: 05.10.2022
REVISION:
A 06.10.2022 D 02.11.2022
B 07.10.2022 E 18.11.2022
C 13.10.2022 F 21.11.2022

ARTWORK APPROVED BY:
DATE APPROVED: / /

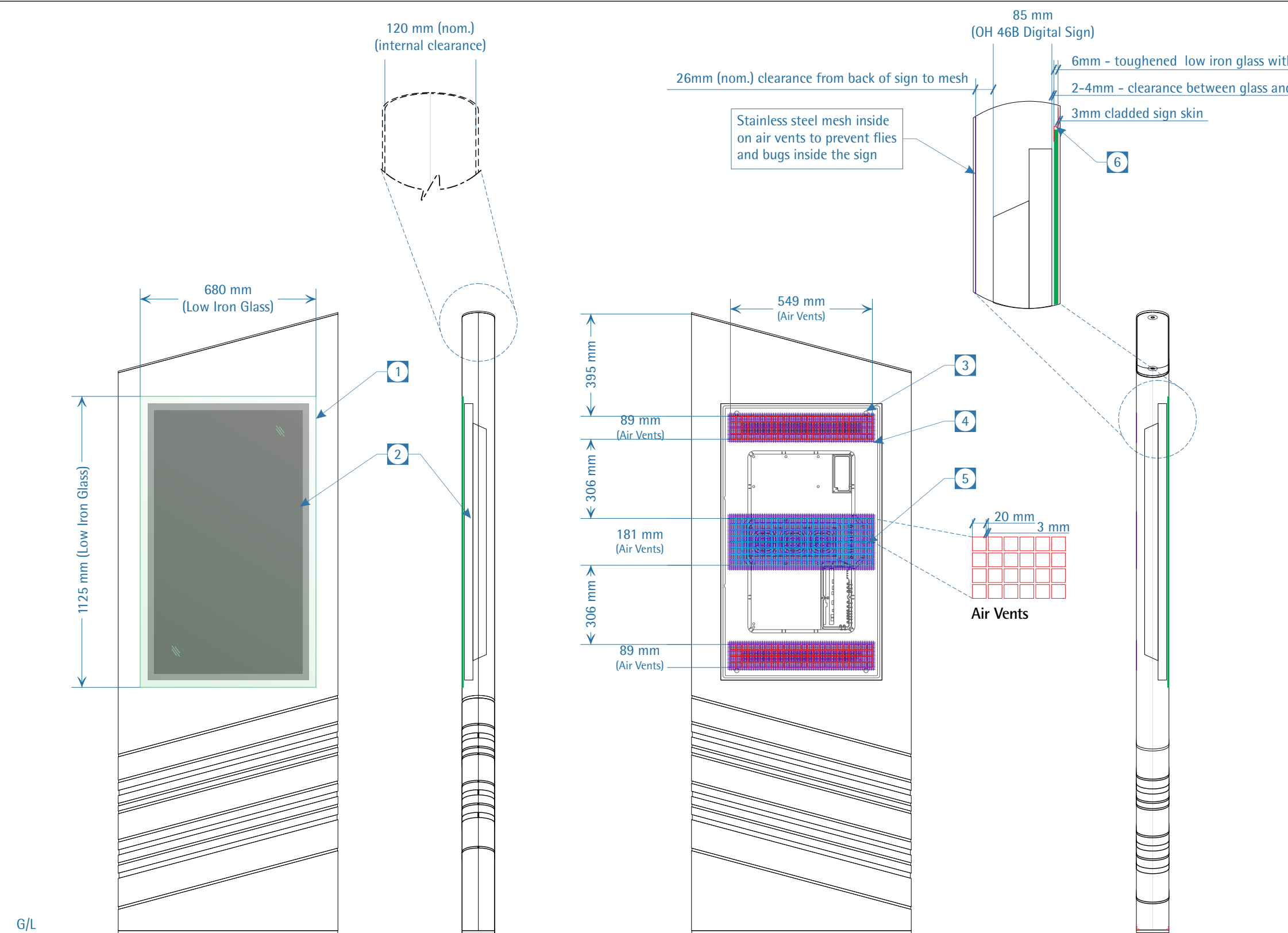
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with changes as noted.
- ☐ Artwork Approved
Production ready.

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Specifications

- 1 6mm thick toughened Low Iron Glass with touch screen membrane (inside), fixed to 3mm sign skin internally
- 2 Samsung OH 46B digital signage screen external grade.
- 3 VESA sign mounting fixings.
- 4 S/steel mesh internally fixed to cover the vents to prevent any flies or bugs inside the sign.
- 5 Air Vents
- 6 Welded angles to suit the glass dimensions and to keep glass equally aligned to the front of digital sign screen.

FILENAME:
Art 70\A\A W Edwards\70809\70809.cdr

DRAWN BY: PALI
CHECKED BY: AK
SCALE: As Indicated @A3

DATE DRAWN:
REVISION:
A D
B E
C F ★ 21.11.2022

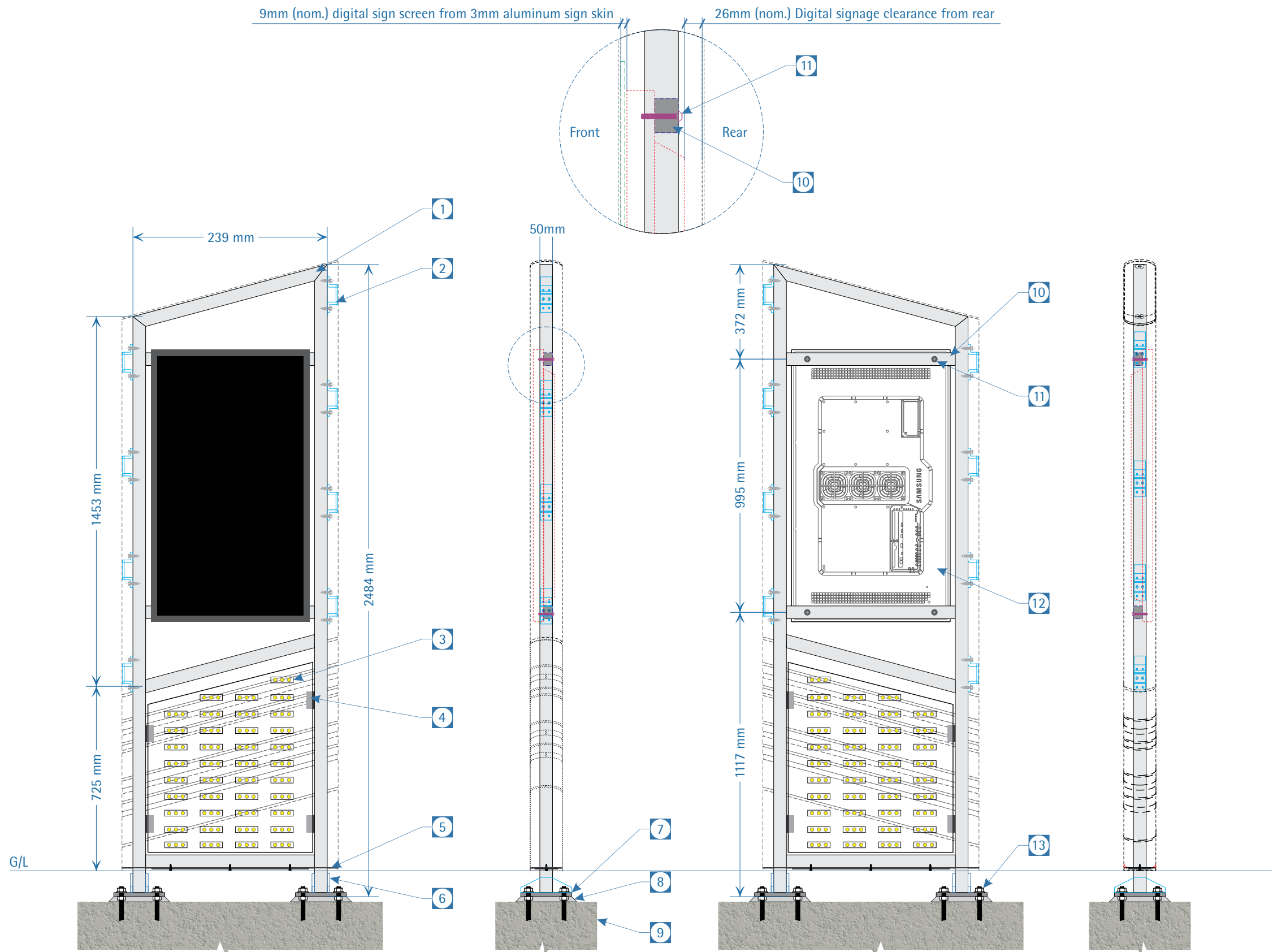
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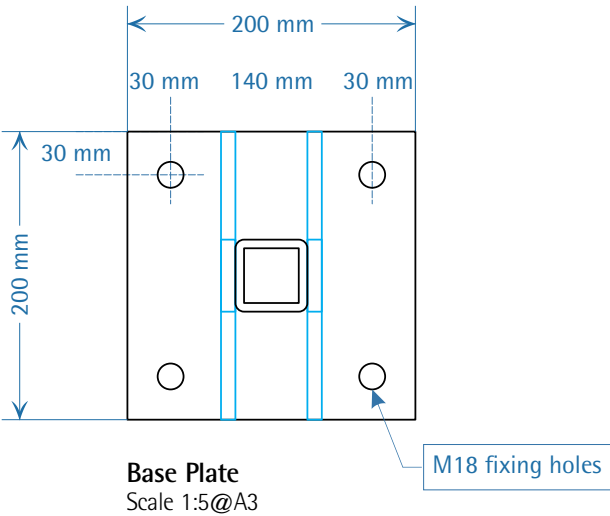
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Sign Specifications

- 1 50x50mm SHS aluminium framework, mitred edges, galvanised.
- 2 Supports to clad the sign skin in round shape on the sides.
- 3 Cool LEDs to evenly illuminate the cutout profiles.
- 4 90 degree angles welded to fix the LED tray.
- 5 3mm thick aluminium bottom plate to cap the sign from bottom.
- 6 6mm thick gusset plates welded to base plate to support the sign.
- 7 16mm thick 200x200mm aluminium base plate.
- 8 Non-shrinkable grout.
- 9 25 MPa concrete footing, with steel cage.
- 10 50x25mm RHS member galvanised and welded to framework
- 11 M8 s/steel fixings to mount the screen via VESA mount holes
- 12 Samsung OH 46B Digital sign.
- 13 M18 nut and bolt assembly to base plate



FILENAME:
Art 70\A\A W Edwards\70809\70809.cdr

DRAWN BY: PALI
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SCALE: As Indicated @A3

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DATE APPROVED: / /

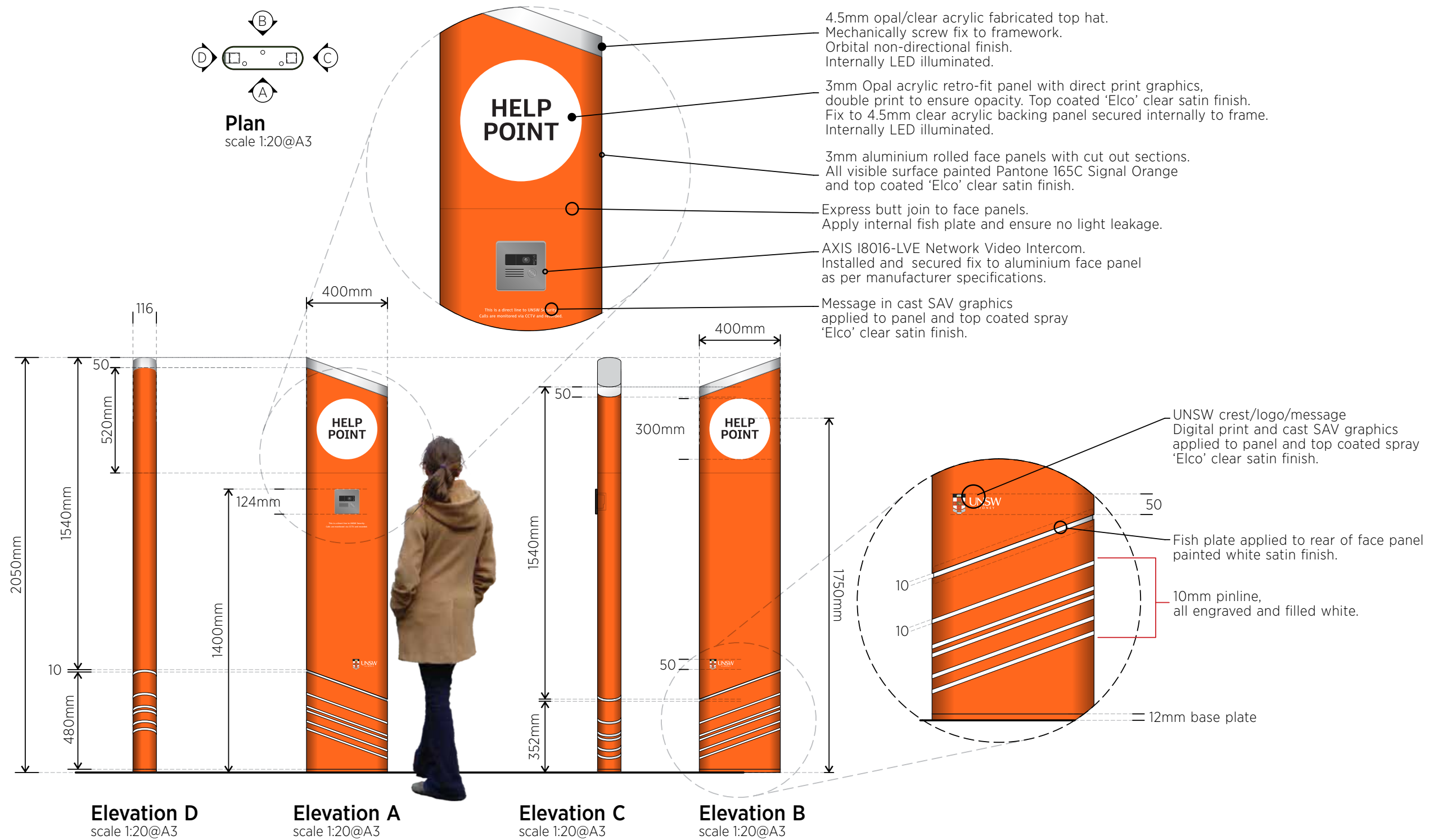
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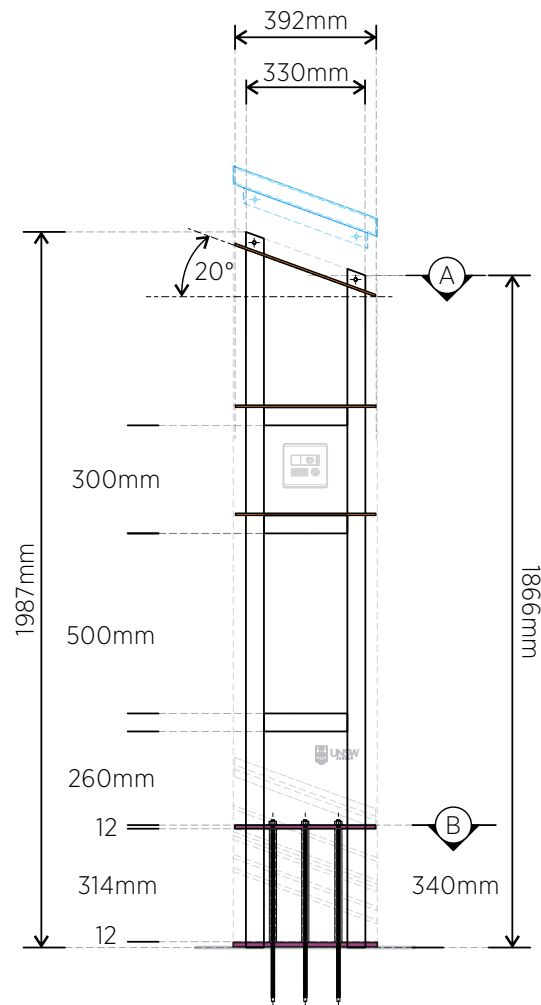


Colour References

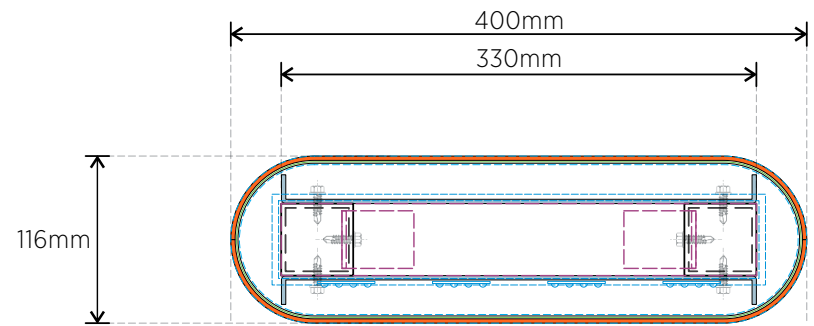


FILENAME: Art 70\A\A W Edwards\70809\70809.cdr		DRAWN BY: PALI ----- CHECKED BY: AK ----- SCALE: As Indicated @A3	DATE DRAWN: 05.10.2022 REVISION: A 06.10.2022 D 02.11.2022 B 07.10.2022 E 18.11.2022 C 13.10.2022 F ★ 21.11.2022	ARTWORK APPROVED BY: DATE APPROVED: / /	☐ Draft Concept only Not for production. ☐ Changes Required Please resubmit. ☐ Artwork Approved with changes as noted. ☐ Artwork Approved Production ready.	 The name you can identify with Cunneen & Company Pty Ltd - ABN: 95 002 189 648 P. 9637 9400 F. 9897 3414 www.cunneensigns.com.au Artwork remains the property of Cunneen & Company Pty Ltd. Any reproduction, alteration by any process, or any other use without the permission or written consent is prohibited.
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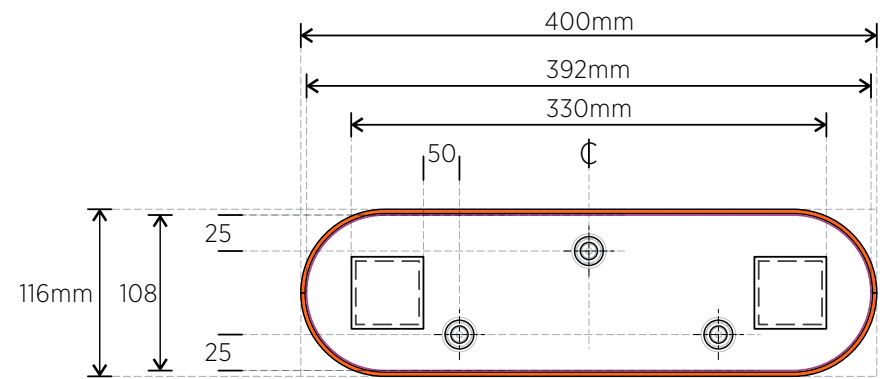
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Side A Elevation
scale 1:20@A3



Plan A - Section
scale 1:5@A3



Plan B - Section
scale 1:5@A3

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Art 70\A\A W Edwards\70809\70809.cdr

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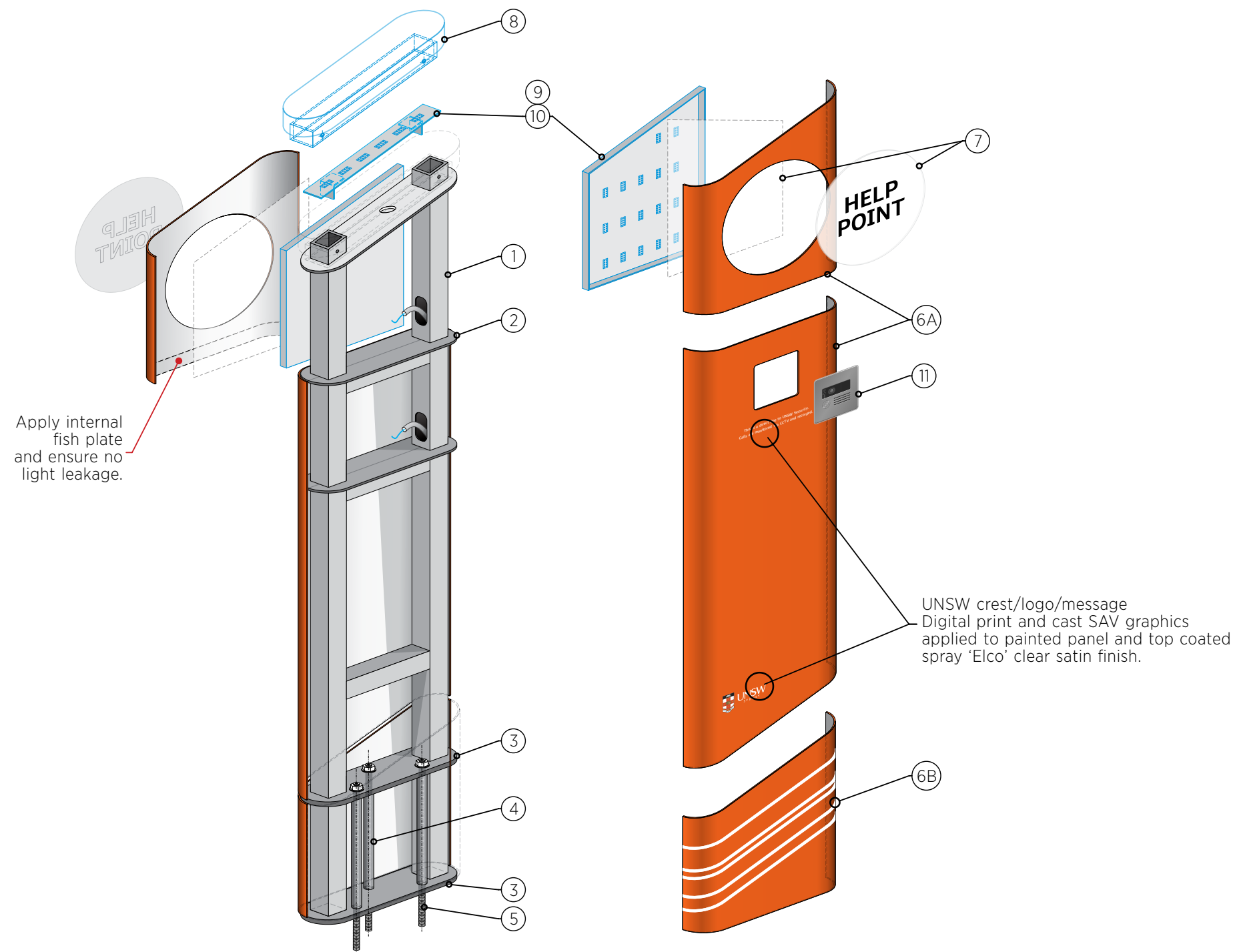
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Exploded Elevation
NTS

1. 50x50x3mm SHA aluminum framework.
2. 6mm aluminum route cut rib plates, fully weld fix to SHS framework.
3. 12mm aluminum route cut base and support plates, fully weld fix to SHS framework. Visible edges painted Pantone 165C satin finish.
4. 20x3mm aluminium tube weld fix to framework.
5. M10 8.8 high tensile galvanised steel bolts, Chemset set into existing concrete slab - COS.
- 6A. 3mm aluminium rolled face panels with cut out sections, 1 side weld fix to framework and 1 off side removable by means of CSK security screw fixings. All visible surface painted Pantone 165C Signal Orange and top coated 'Elco' clear satin finish.
- 6B. 3mm aluminium rolled face panels with engraved pinlines. Painted Pantone 165C Signal Orange and pinlines filled white. All surface top coated spray 'Elco' clear satin finish.
7. 3mm Opal acrylic retro-fit panel with digital print black graphics onto translucent white media, applied to face and top coated 'Elco' clear satin finish. Fix to 4.5mm clear acrylic backing panel VHB tape/adhesive secured internally to frame.
8. 6mm opal/clear acrylic fabricated top hat. Orbital non-directional finish and top coated spray 'Elco' clear satin finish. Mechanically screw fix to framework.
9. LED internal illumination - nom.
10. 3mm white ACM or equivalent LED folded tray, mechanically screw fixed to framework.
11. AXIS I8016-LVE Network Video Intercom. Installed and secured fix to aluminium face panel as per manufacturer specifications.

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Art 70\A\A W Edwards\70809\70809.cdr

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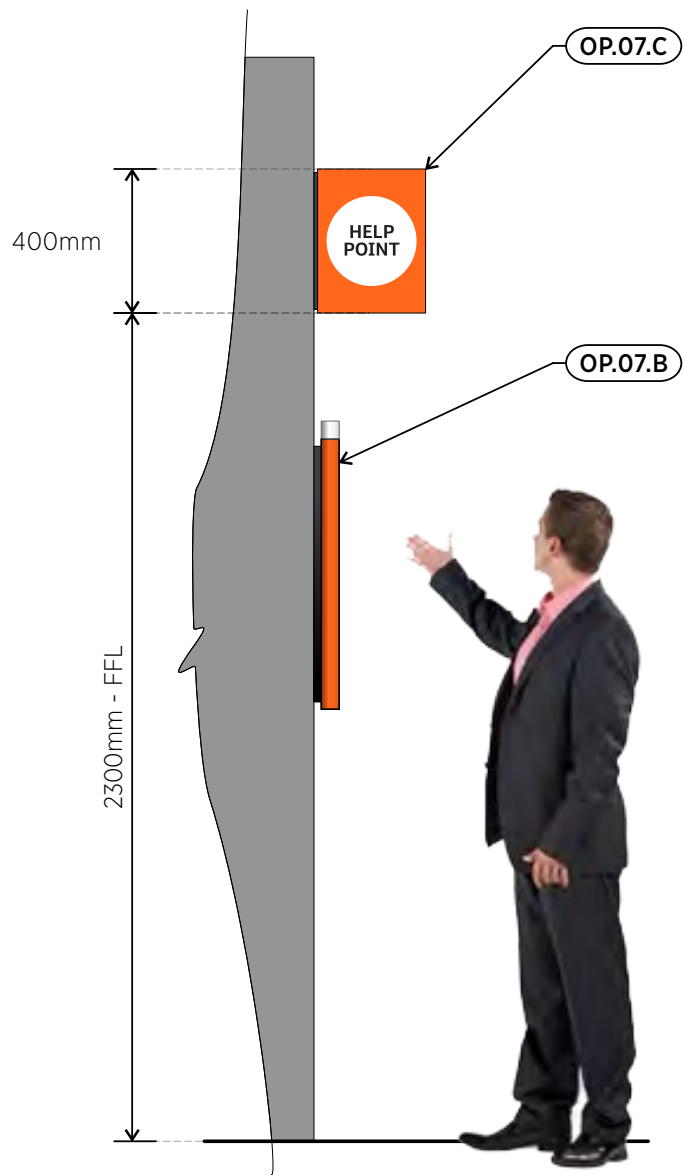
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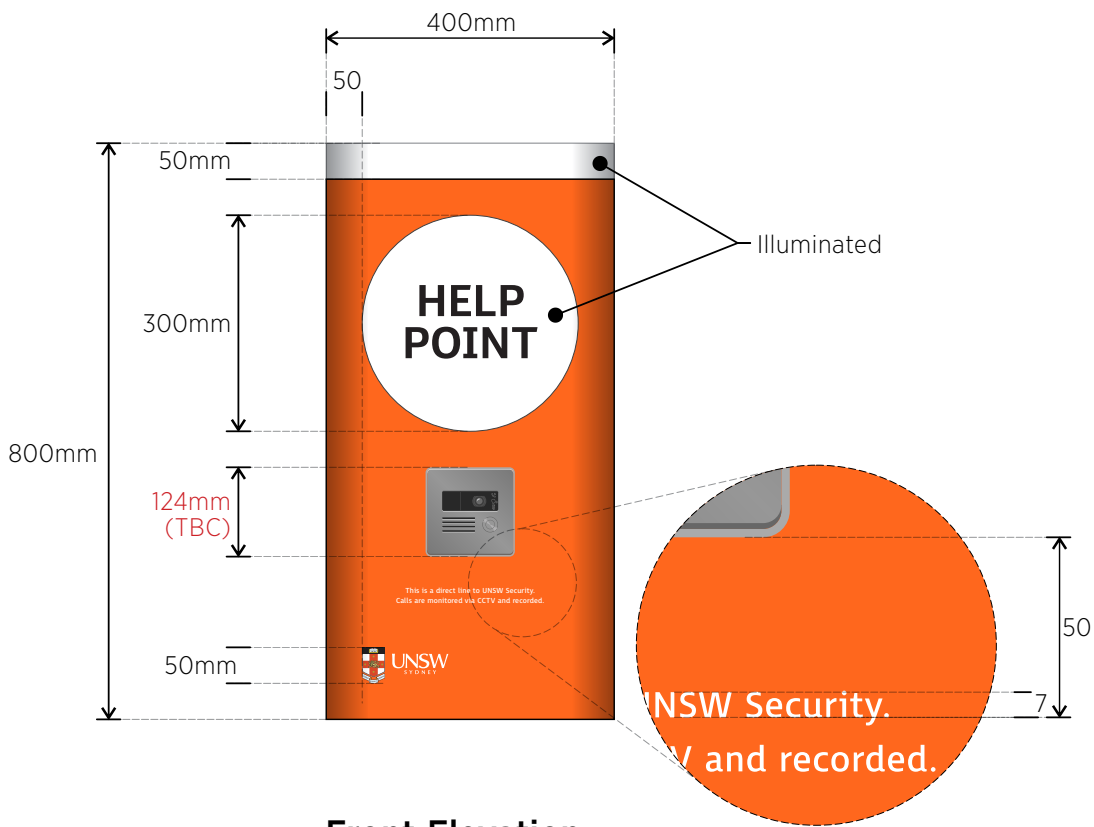
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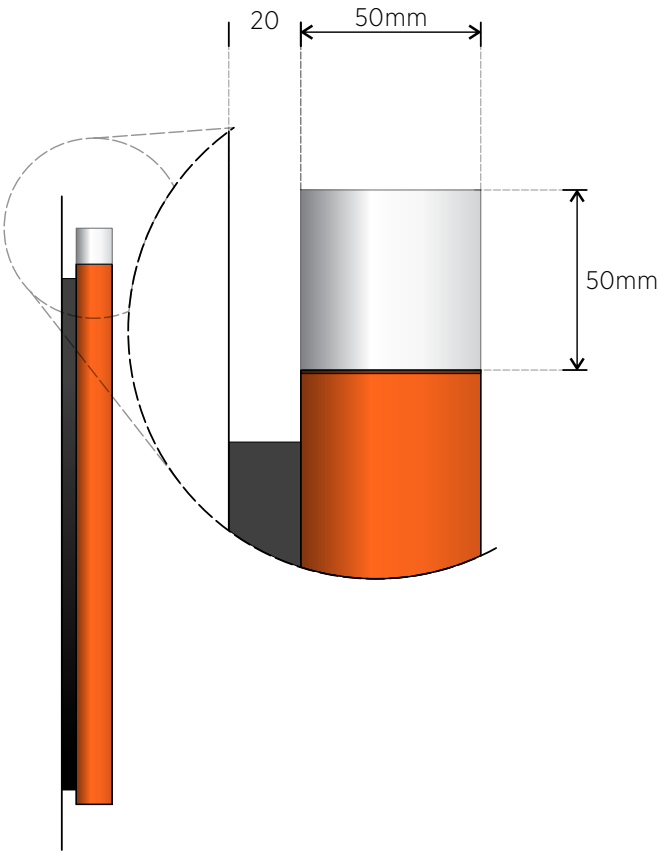
Qty:-2x



Sign Elevation
scale 1:20@A3



Front Elevation
scale 1:10@A3



End Elevation
scale 1:10@A3

Colour References



FILENAME:
Art 70\A\A W Edwards\70809\70809.cdr

DRAWN BY: PALI

CHECKED BY: AK

SCALE: As Indicated @A3

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DATE APPROVED: / /

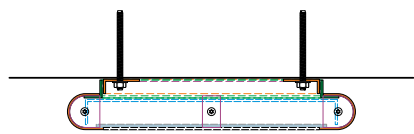
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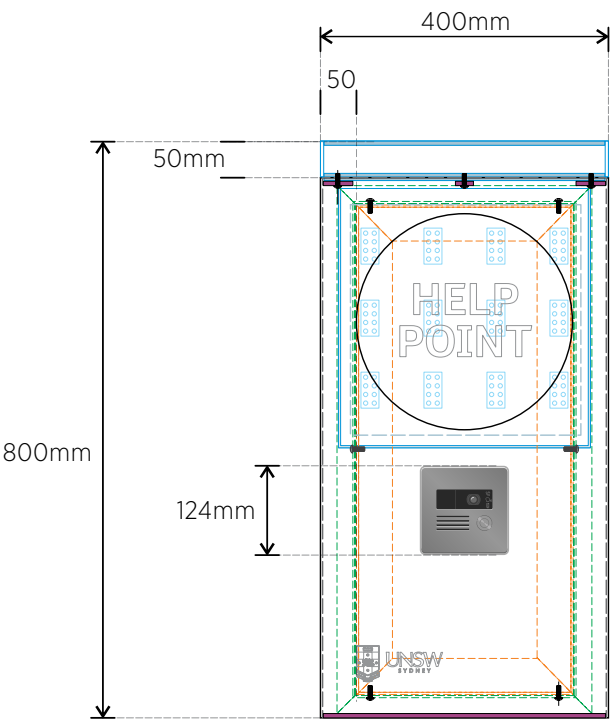
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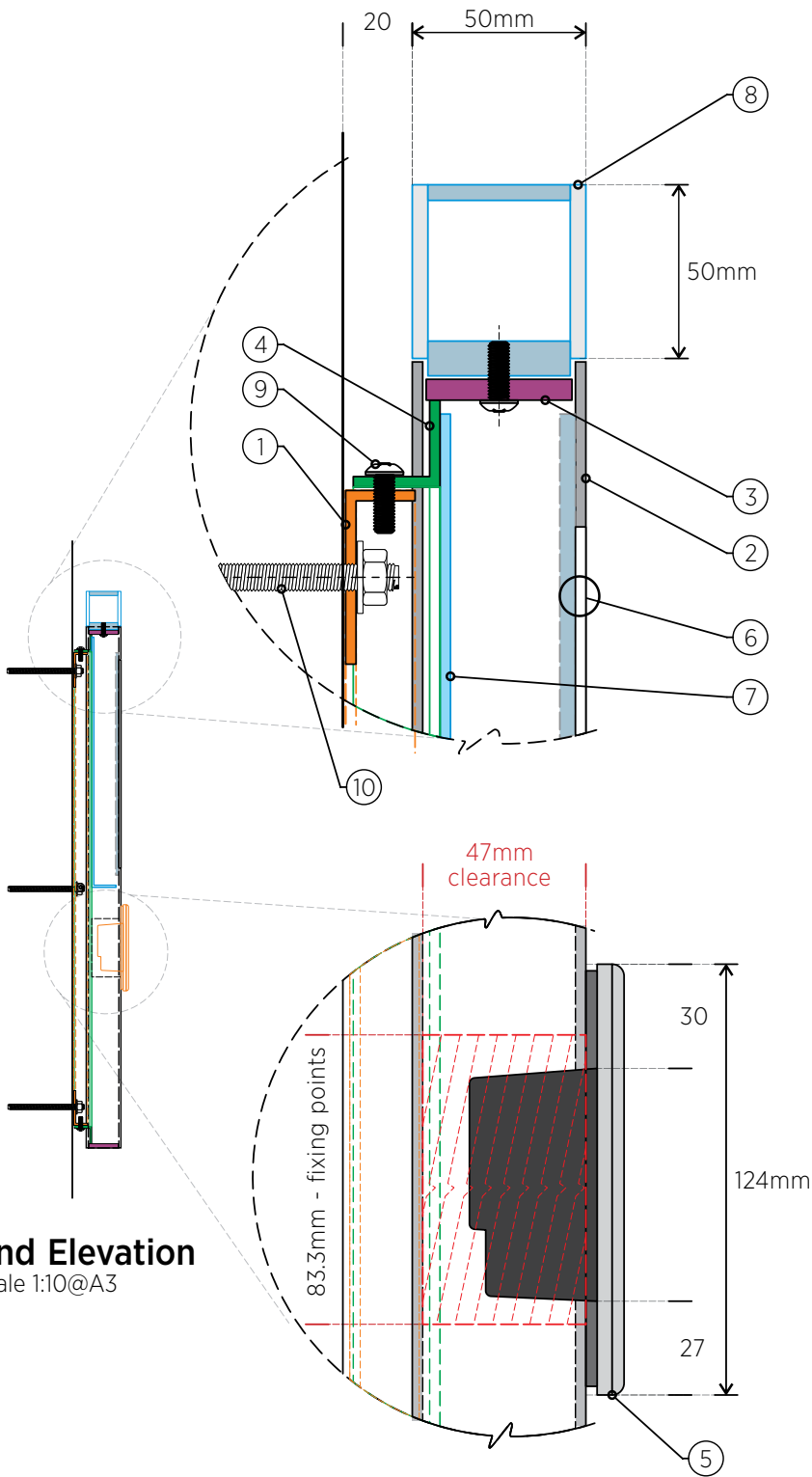
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Plan Elevation
scale 1:10@A3



Front Elevation
scale 1:10@A3



End Elevation
scale 1:10@A3

1. 50mm x 20mm x 3mm aluminium angle fabricated wall bracket. Painted black satin finish.
2. 3mm aluminium rolled/fabricated face panel with cut out section. Painted to match Pantone 165c, Signal Orange satin finish.
3. 6mm aluminium rib plates, contour shape cut to fit. Top plates in partial sections only to allow illumination. Fully welded to sign face.
4. 25mm x 25mm x 3mm aluminium angle weld fix to sign face. All visible edges painted black satin finish.
5. AXIS I8016-LVE Network Video Intercom. Installed and secured fix to aluminium face panel as per manufacturer specifications.
6. 3mm opal acrylic 'Help Point' panel orbital non-directional finish with direct print graphics (double print to ensure opacity). Top coated 'Elco' clear satin finish. Fixed to 4.5mm clear acrylic backing panel installed to rear of sign panel.
7. Folded pan tray complete with LED internal illumination - nom.
8. 4.5mm opal acrylic fabricated top hat with 10mm clear acrylic base capping to allow illumination. Mechanically and VHB tape fix to face panel fixing plates.
9. 6/M6 security stainless steel fixings, all painted black satin finish.
10. M8 wall anchors. nom. (Varies to sign locations - COS).

FILENAME:
Art 70\A\A W Edwards\70809\70809.cdr

DRAWN BY: PALI
CHECKED BY: AK
SCALE: As Indicated @A3

DATE DRAWN:
REVISION:
A D
B E
C F ★ 21.11.2022

ARTWORK APPROVED BY:
DATE APPROVED: / /

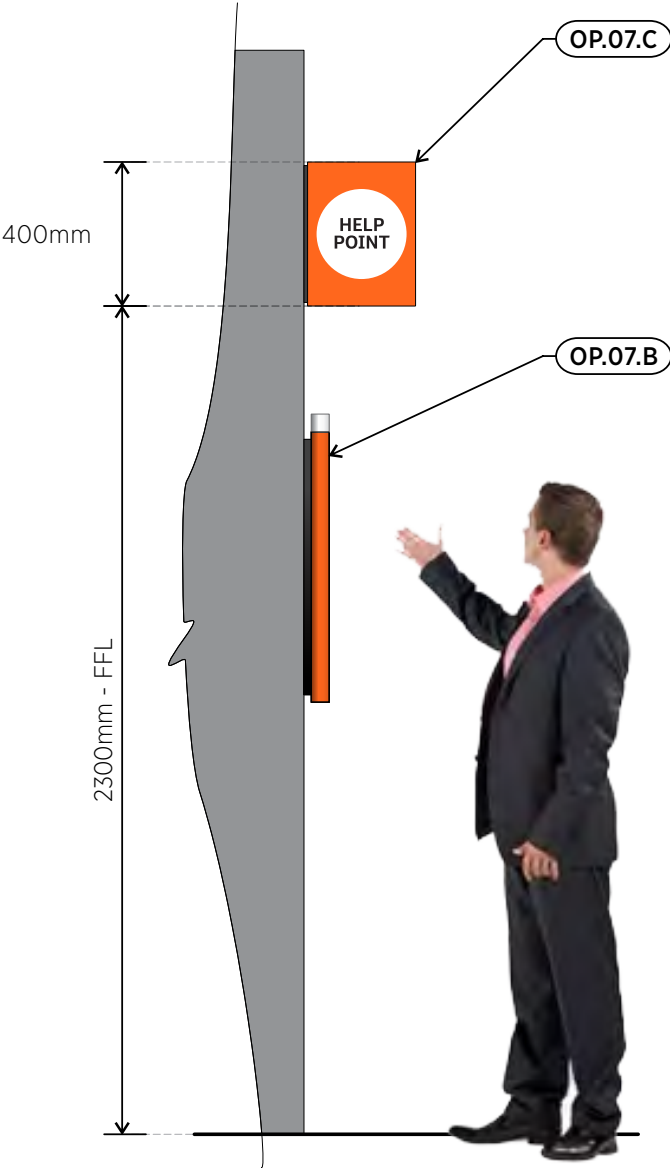
- ☐ Draft|Concept only
Not for production.
- ☐ Changes Required
Please resubmit.
- ☐ Artwork Approved
with changes as noted.
- ☐ Artwork Approved
Production ready.


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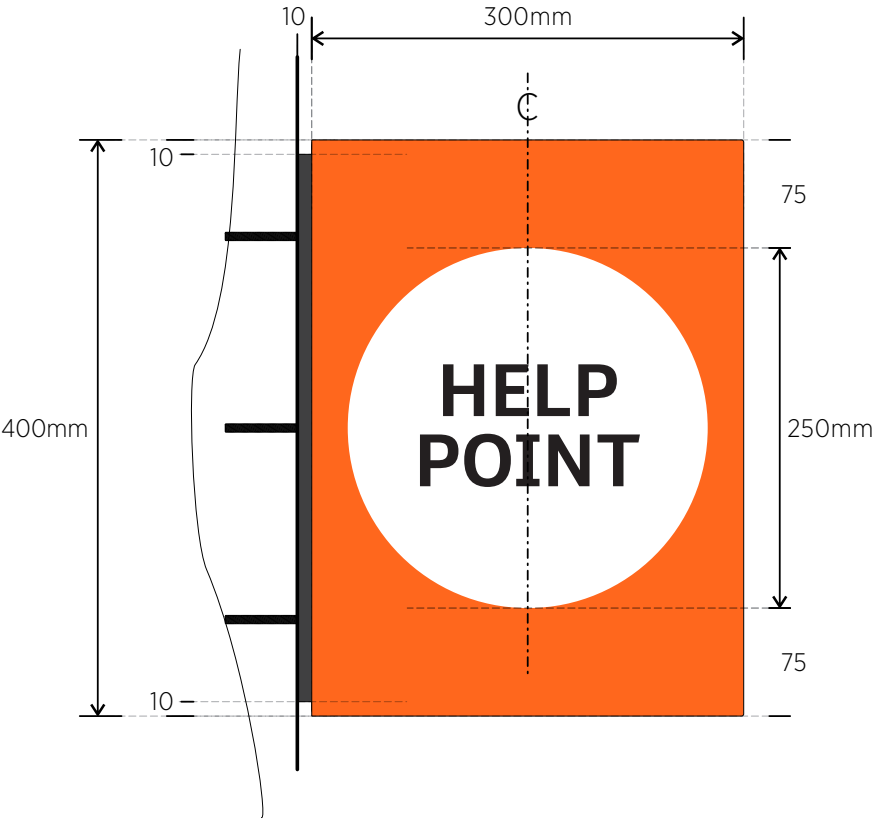
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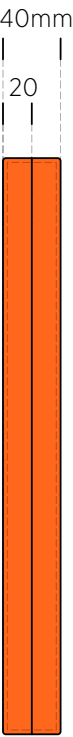
Qty:-2x



Sign Elevation
scale 1:20@A3



Graphic Layout (Both sides)
scale 1:5@A3



End Elevation
scale 1:5@A3

Colour References



FILENAME:
Art 70\A\A W Edwards\70809\70809.cdr

DRAWN BY: PALI
CHECKED BY: AK
SCALE: As Indicated @A3

DATE DRAWN: 05.10.2022
REVISION:
A 06.10.2022 D 02.11.2022
B 07.10.2022 E 18.11.2022
C 13.10.2022 F 21.11.2022

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DATE APPROVED: / /

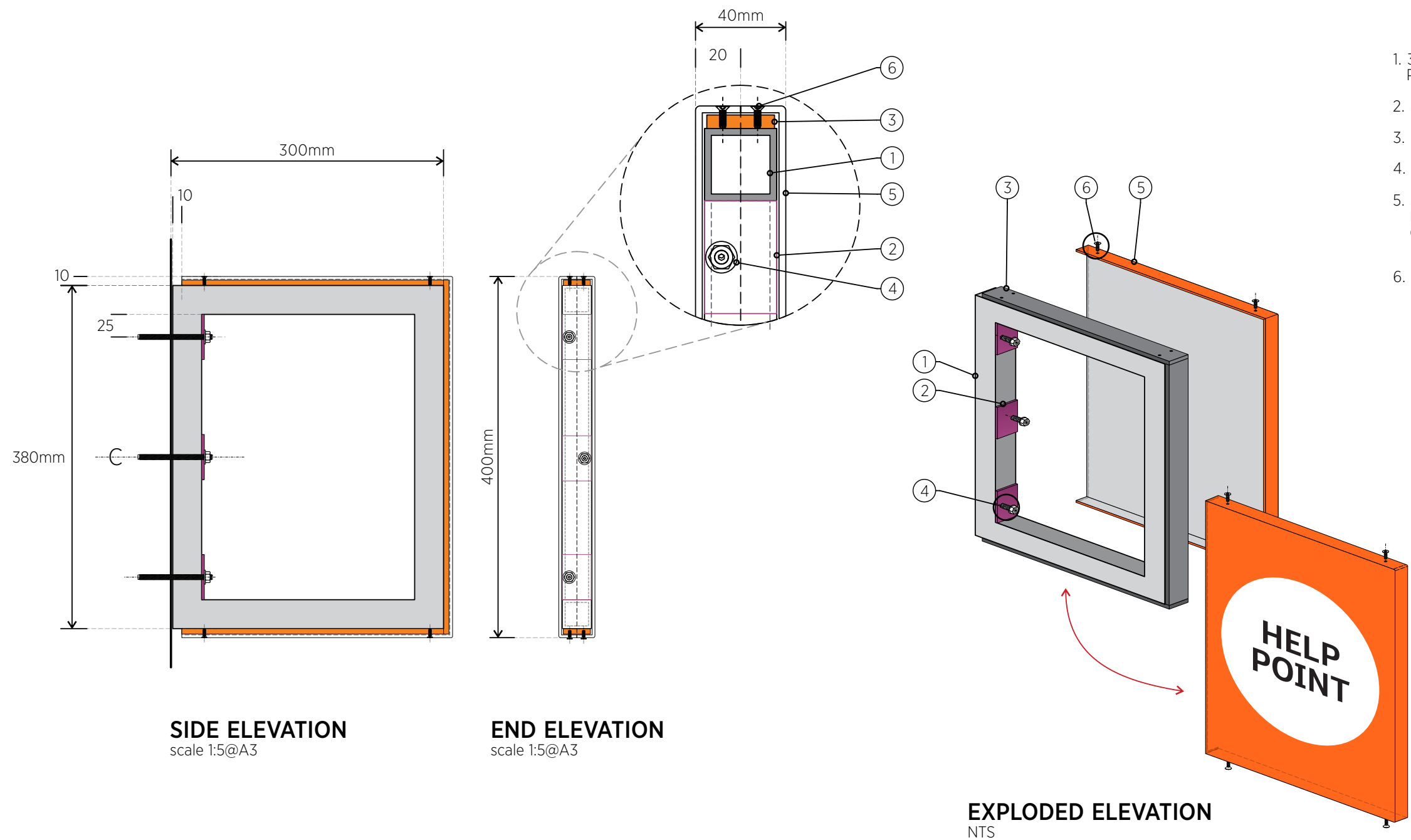
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with changes as noted.
- ☐ Artwork Approved
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1. 32mm x 32mm x 3mm SHS aluminium framework. Painted black satin finish.
2. 30mm x 50mm x 6mm aluminium flatbar.
3. 6mm flatbar spacer in black finish - nom.
4. M6 wall anchors - nom.
5. 3mm aluminium sign panels with folded returns. Painted to match Pantone 165C satin finish. Complete with applied cast SAV graphics. Fixed to frame work by means of M4 CSK screws.
6. M4 CSK screw fixings, painted to match face panel.

FILENAME:
Art 70\A\A W Edwards\70809\70809.cdr

DRAWN BY: PALI
CHECKED BY: AK
SCALE: As Indicated @A3

DATE DRAWN:
REVISION:
A D
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C F ★ 21.11.2022

ARTWORK APPROVED BY:
DATE APPROVED: / /

- ☐ Draft|Concept only
Not for production.
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- ☐ Artwork Approved
with changes as noted.
- ☐ Artwork Approved
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Section

21.0

Maintenance

This section specifies protocols in maintaining a high standard in presentation of signforms.

Maintenance Policy

Maintenance

Maintenance Policy

A maintenance policy and program of regular maintenance is required to ensure all UNSW signs display the correct message and are free of defect and/or signs of vandalism.

Annual cleaning of signs is required to prevent build up of dirt etc. to ensure signs are legible and presentable. For signs located in high use areas cleaning should be undertaken half yearly or more regularly at the discretion of the maintenance department.

An in-house computer register of signs with inspection and maintenance records should be established and maintained. Signs should be inspected periodically and conditions compared with the previous entry in the register. Signs are to be checked for:

- Appropriateness of message
- Condition of sign panels
- Condition of connection to base building
- Condition of materials and welds
- Condition and security of hardware
- Evidence of vandalism/damage
- Assessment of suitable repairs

Following inspection refer Maintenance manual for procedure required to clean, remove graffiti, general up-keep and remedy any faults. Signs of which the condition has deteriorated should be listed for repair or replacement. It is preferable that this work be carried out by the Signage Contractor responsible for the installation.

Maintenance Manual

The Signage Contractor shall provide a Maintenance Manual containing a technical specification of the supplied item(s), each sign type, and setting out a detailed method statement covering proposed methods for all routine care and maintenance procedures, including but not limited to;

- All working and as-built drawings for all aspects of the works, i.e. footing details, artwork, individual sign design, thus enabling any component to be easily re-manufactured if and when required
- Comprehensive parts list
- Spare parts list to enable a quick reordering of components including supply time frames
- Site plan detailing each sign location and sign type
- Contractors and suppliers contact list detailing all works performed and materials supplied, for example installation and footing contractor, metal, acrylic, tactile, Braille, paint, adhesive, sealant, self-adhesive film, and fixing suppliers
- All associated certification documents
- Sign installation and removal details
- Sign content replacement
- Sign lighting removal/replacement for relevant signs
- Replacement procedures for each individual section or replaceable panel of the signage system, i.e. letters, slats, metal panels, paper inserts
- Cleaning and maintenance instructions
- Graffiti/vandalism repair/removal instructions
- All digital photos of the project

The Maintenance Manual should list any required equipment for typical maintenance procedures and changeability procedures, and recommendations for the use and care of the item(s).

The warranty period for each sign should be nominated including the extent of warranty. For proprietary items include the names and addresses of the manufacturers and suppliers of each component, including relevant manufacturer product warranties.

Format shall be A4. One electronic copy shall also be supplied. Three hard copies bound in hard cover ring binder. The pages shall be in individual plastic folders. Include original publications or colour copies of manufacturers' information.

22.0

Roll Out

This section specifies protocols in rolling out the signage system across the UNSW site.

Roll Out Overview

Roll Out Policy

Roll Out Overview

Why do we need a roll out plan?

UNSW is located on a thirty eight hectare site, comprised of over sixty multi-deck buildings that accommodate over fifty two thousand students and seven thousand staff. The processes involved in implementing a signage system within a site of such scale requires careful planning and management to ensure that budgets, standard of quality and safety are met and maintained. To establish a consistent wayfinding approach across the whole site for familiar and first-time users, without impeding too heavily on the operations of facilities, buildings and students, it is necessary that a roll out plan is considered before any mass manufacturing and installation of signs are initiated.

Who is required in planning the roll out?

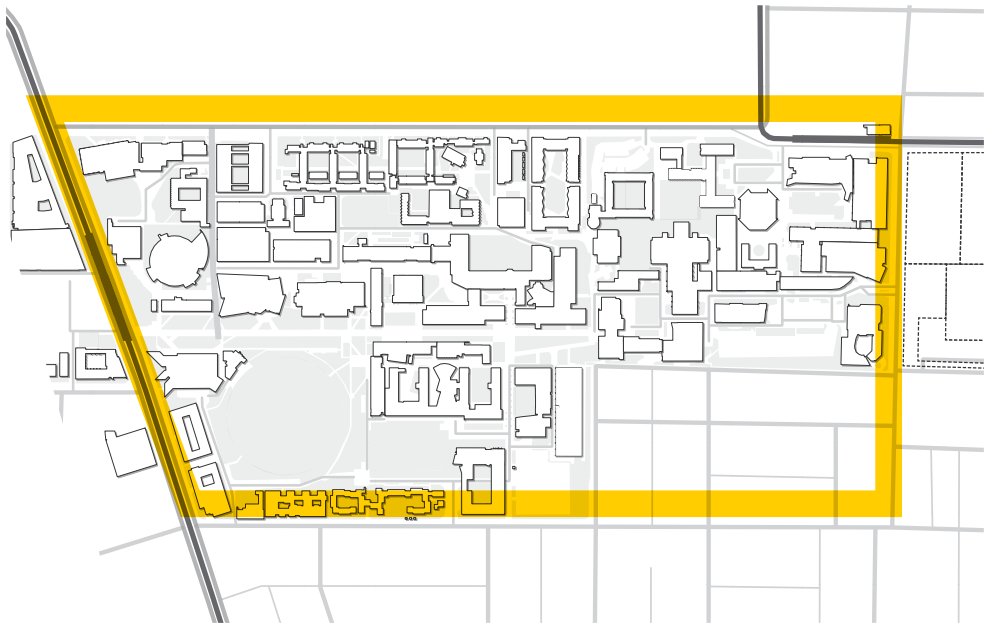
It is envisaged that the collaboration of a variety of people, along with the utilisation of the Standards will ensure the delivery of the sign system in a professional and collective manner. These people include:

- UNSW
- Designated staff members
- External design/building consultants including:
 - Architects
 - Interior architects
 - Project manager
 - Structural engineers
 - Signage consultants
 - Signage contractors

Notes

The following protocol on the following page is a recommendation only. The final roll out procedure is at the discretion of the UNSW Project Control Group.

Recommended Protocol



Stage 1 – Perimeter Entry Gates

Purpose

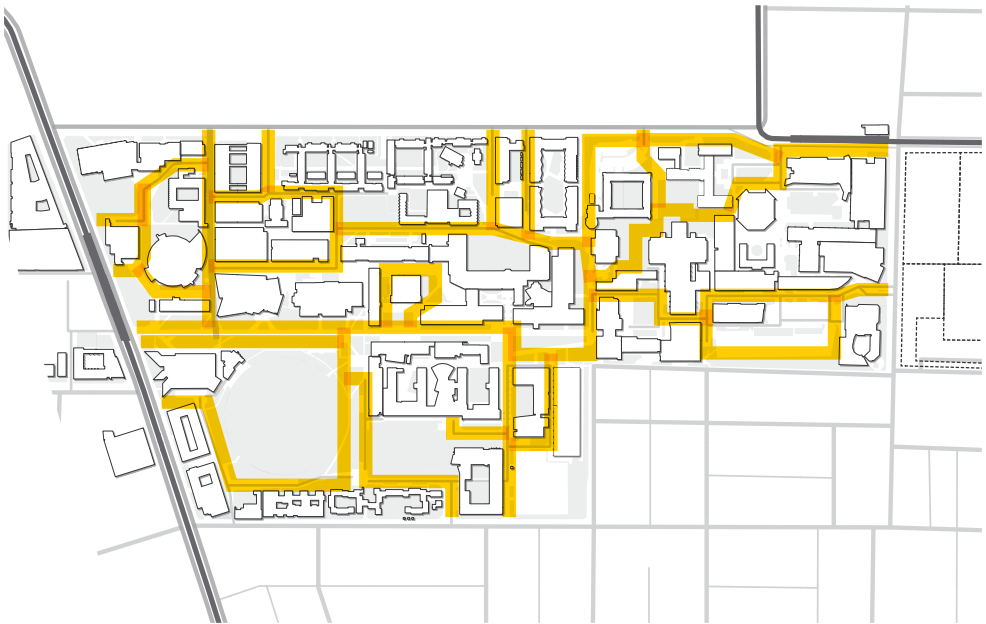
The bus dependant location of UNSW, along with the introduction of light rail, will always position public transport as the key mode of access to the University for students, staff and visitors. In result, gate entries, which are consistently in close proximity of public transport terminals or placed at vehicular entry points, act as the first point of confirmation for an individuals wayfinding journey. To initiate the goal of creating high quality public realm experiences for the 2025 Architectural strategy, it is advised that gate entries are the first areas of the UNSW site to transition to the new signage system. The introduction of the main gate entry totems will bring context to the implementation of the rest of the new sign system.

Approach

Main gates to be prioritised.

Sign types

ID.01, ID.02, ID.03



Stage 2 – External Signage

Purpose

Due to the scale of the UNSW site, and the processes involved in implementing a signage system, it is advised that the next stage of roll out is carried out into external pathway signage, prioritizing building identification and wayfinding signs. Not only will this allow positioning planning to be more considered, but also reduce the possibilities of waste during the installation stage. Any new buildings or fitouts need to address both external and internal signage.

Approach

Signage system to be integrated during planning stage of individual buildings.

Sign types

All external sign types where required.



Stage 3 – Internal Signage

Purpose

Most existing buildings within UNSW have sign systems embedded at a surface and structural level. In addition to the passage of time, many students are familiar with the nomenclature and visual elements of these wayfinding systems, and may have already adopted or constructed their own wayfinding journeys to find certain destinations. As a result, the positioning of new signs requires much more consideration to ensure the new wayfinding system is as intuitive as possible. Consequently, the introduction of the new internal signage system to older, existing buildings should be done last. This will provide sufficient time for planning of replacement and removal of old signs, location masterplanning and installation of new signs.

Approach

Existing buildings with greater capacities and areas with heavy pedestrian traffic to be prioritised.

Sign types

All internal sign types where required.

Section

23.0

Appendix

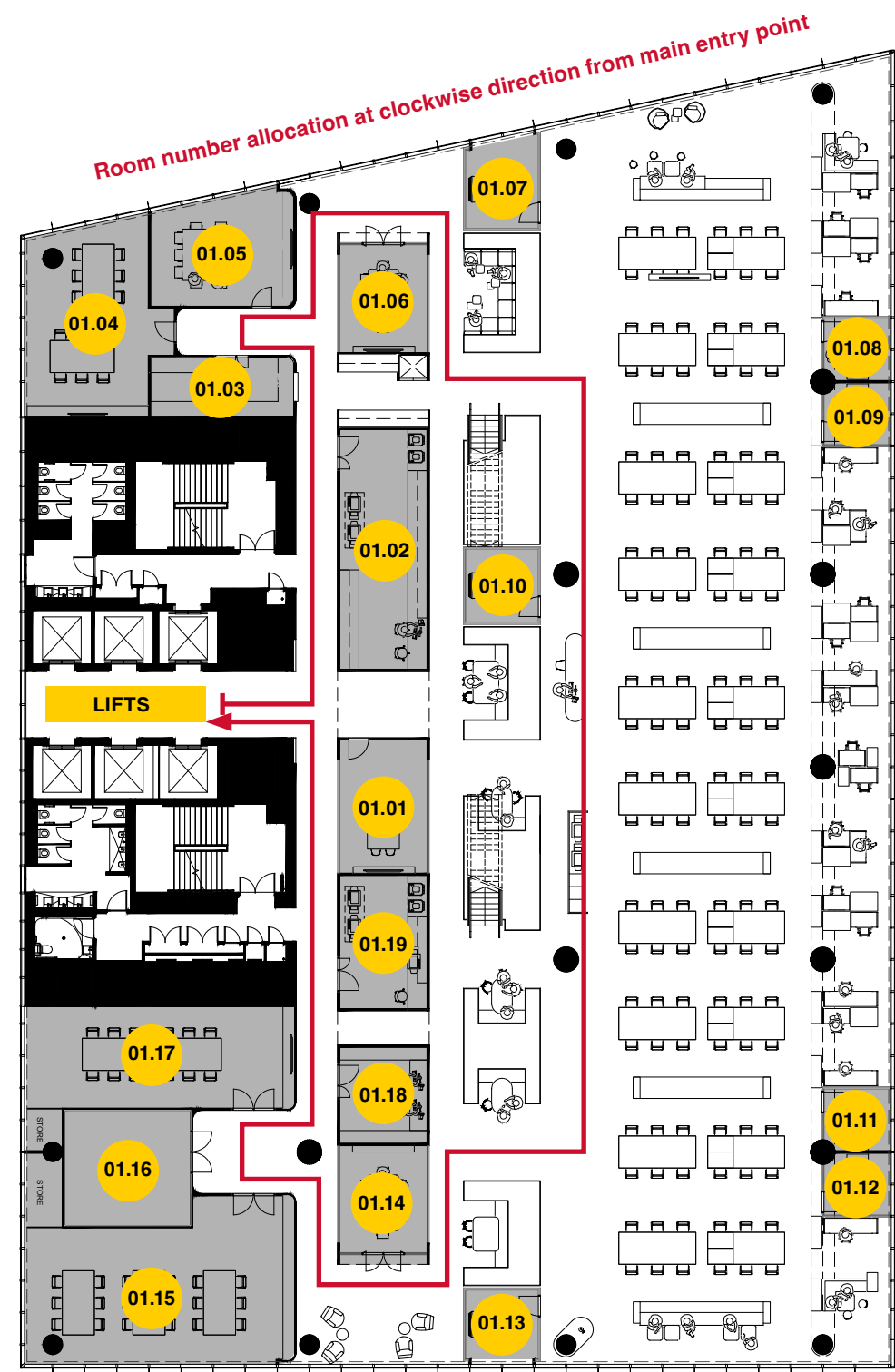
This section compiles any extra strategies, documentation and signtype details not captured in the previous sections.

Room Numbering Protocol

RMS & NSW Transit Authority Signage

Wayfinding Principles

Room Numbering Protocol



Indicative Level 1 Plan
Scale N/A

Room Code

01.09

Building Level Individual Room

10.27

Level 10 Room 27

When new buildings or levels cannot adopt the existing UNSW Room Numbering Protocol, the strategy shown should be used.

Room codes are displayed as four digit numbers. The first two digits represent the level number. The last two represent the room number within the level. The sequence of the last two digits begins and ends within its level. The sequence of room number allocation is at clockwise direction starting at the room closest to the main entry point of the level. In result, no two numbers will be exactly the same within the one building. This also provides a system that does not disrupt the number sequence of all rooms within a building when a new room code is added.

Note

The plan shown is diagrammatic only, to showcase room number sequencing.

RMS and NSW Transit Authority Signage – Overview



The strategy is based on principles of wayfinding from roads and transit routes directly connected to the UNSW Kensington Campus.

The primary objective of this strategy is to deliver traffic to the site perimeter of UNSW Kensington. The user is then introduced to the UNSW signage system which guides them through the threshold and to the intended destination.

Recommended naming on road signage is **‘UNSW Kensington’** to avoid confusion with other campus locations. Submissions for road signs are to be submitted to local councils (Randwick City Council). This is to be undertaken by UNSW either directly or by engaging a consultant.

This diagram highlights the Kensington campus perimeter in the context of its surrounding suburbs and routes from Daceyville to Randwick.

Key

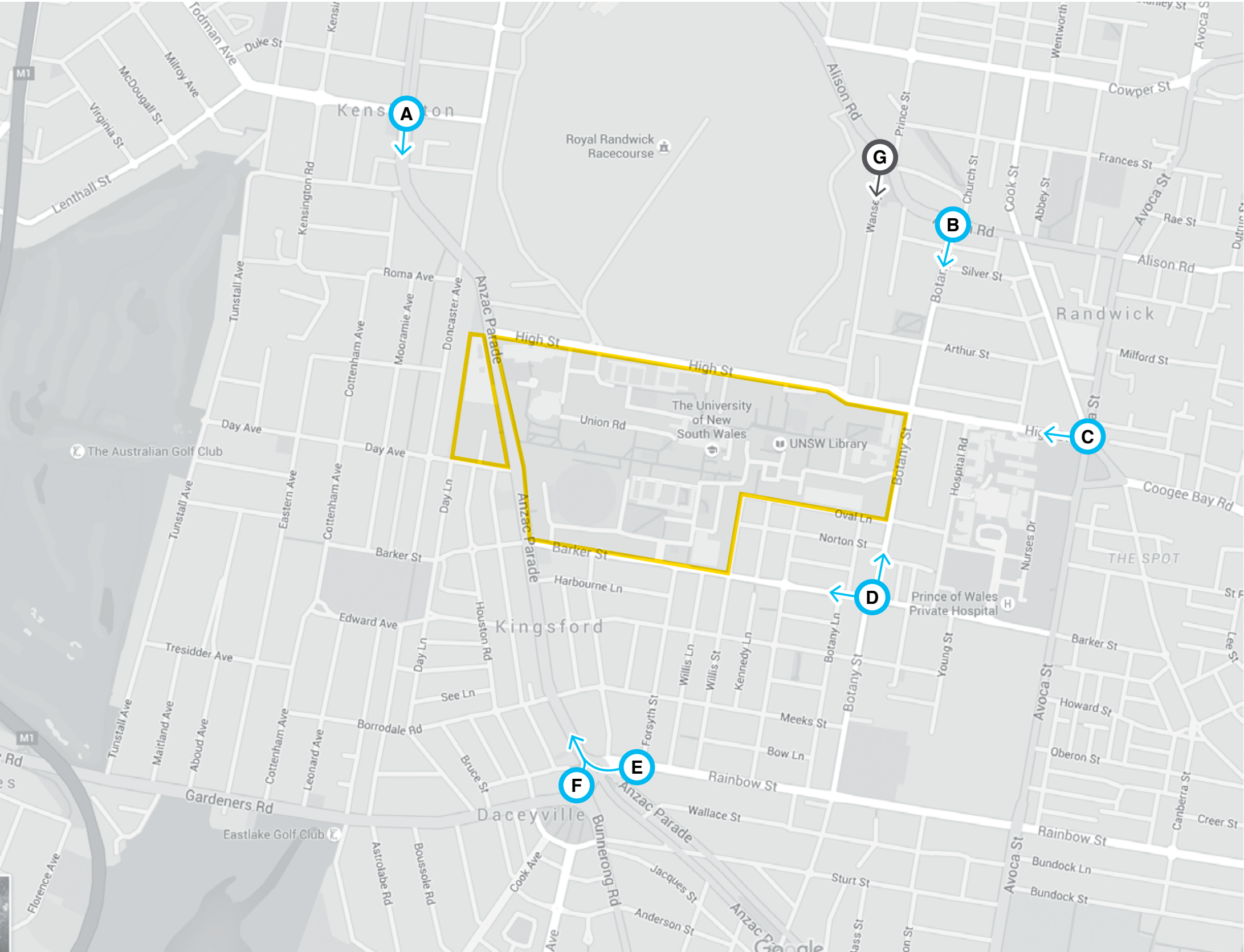
— Campus Perimeter

NSW Roads Standards

Guidance is provided by the NSW Roads and Maritime Services signage guidelines and specifications. These specifications can be found at www.rms.nsw.gov.au.

All road signs must comply with latest editions of Australian Standard ‘AS1743: Road Signs-Specifications’ and ‘AS1742: Manual of Uniform Control Traffic Devices’. As of the date of issue, the most recent edition is the 2018 one, as shown.

RMS and NSW Transit Authority Signage – Location Plan



This diagram shows where existing and proposed road signage is allocated around the Kensington campus.

- A** Corner of Todman Avenue and ANZAC Parade
- B** Corner of Alison Road and Botany Street
- C** Corner of Avoca Street and High Street
- D** Corner of Botany Street and Barker Street
- E** Corner of Rainbow Street and ANZAC Parade
- F** Corner of Gardeners Road and ANZAC Parade
- G** Corner of Wansey Road and Alison Road

Key

-  Proposed UNSW Kensington Sign
-  Existing UNSW Kensington Sign
-  Campus Perimeter

RMS and NSW Transit Authority Signage – Location Views

A Corner of Todman Avenue and ANZAC Pde



B Corner of Alison Road and Botany Street



C Corner of Avoca Street and High Street



D Corner of Botany Street and Barker Street



E Corner of Rainbow Street and ANZAC Parade



F Corner of Gardeners Road and ANZAC Parade



G Existing sign on corner of Wansey Road and Alison Road



Key

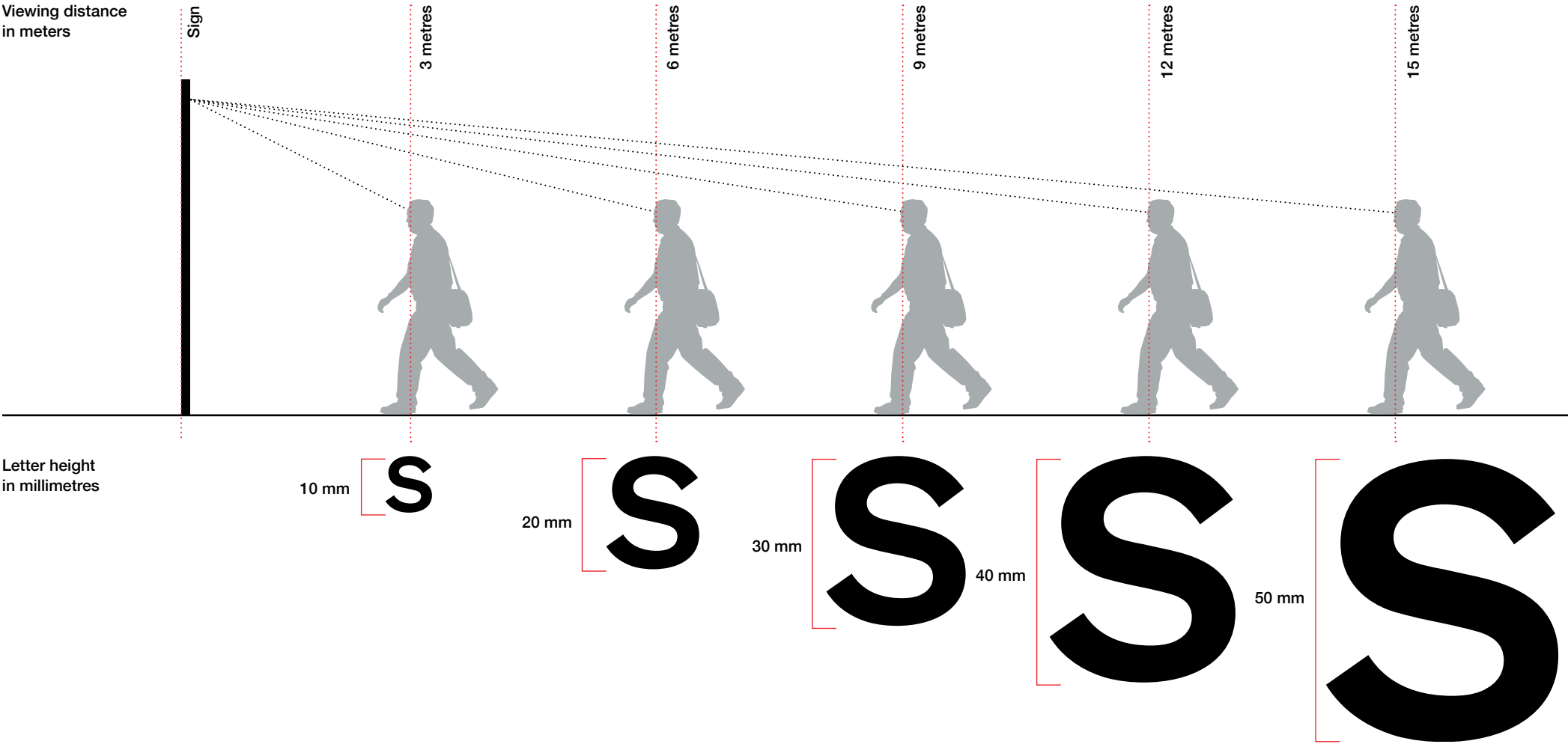
- A** New road sign to corner of Todman Avenue and ANZAC Parade with 'UNSW Kensington' destination
- B** 'UNSW Kensington' added to highlighted existing road sign
- C** New road sign to the corner of Avoca Street and High Street with children's hospital and 'UNSW Kensington' destinations
- D** New road sign to the corner of Botany and Barker Street with 'UNSW Kensington Gate 11' and 'UNSW Kensington Gate 14' destinations
- E** New road sign to corner of Rainbow Street and ANZAC Parade with 'UNSW Kensington' destination
- F** New road sign to corner of Gardeners Road and ANZAC Parade with 'UNSW Kensington' destination
- G** Update existing sign to 'UNSW Kensington'

Note

All proposed road sign messaging and locations are indicative only, to be updated in conjunction with the construction of the ANZAC Parade light rail.

Wayfinding Principles – Reading Distances

Optimum reading distances (All wayfinding sign forms)



In order to be effective, a sign must be legible. When planning signs, efforts must be made to reduce the number of signs required by using larger text sizes where possible. This diagram illustrates the recommended letter heights relative to viewing distances for a person with average eyesight.

Letter Height	Reading Distances
50mm	15m
40mm	12m
30mm	9m
20mm	6m
10mm	3m

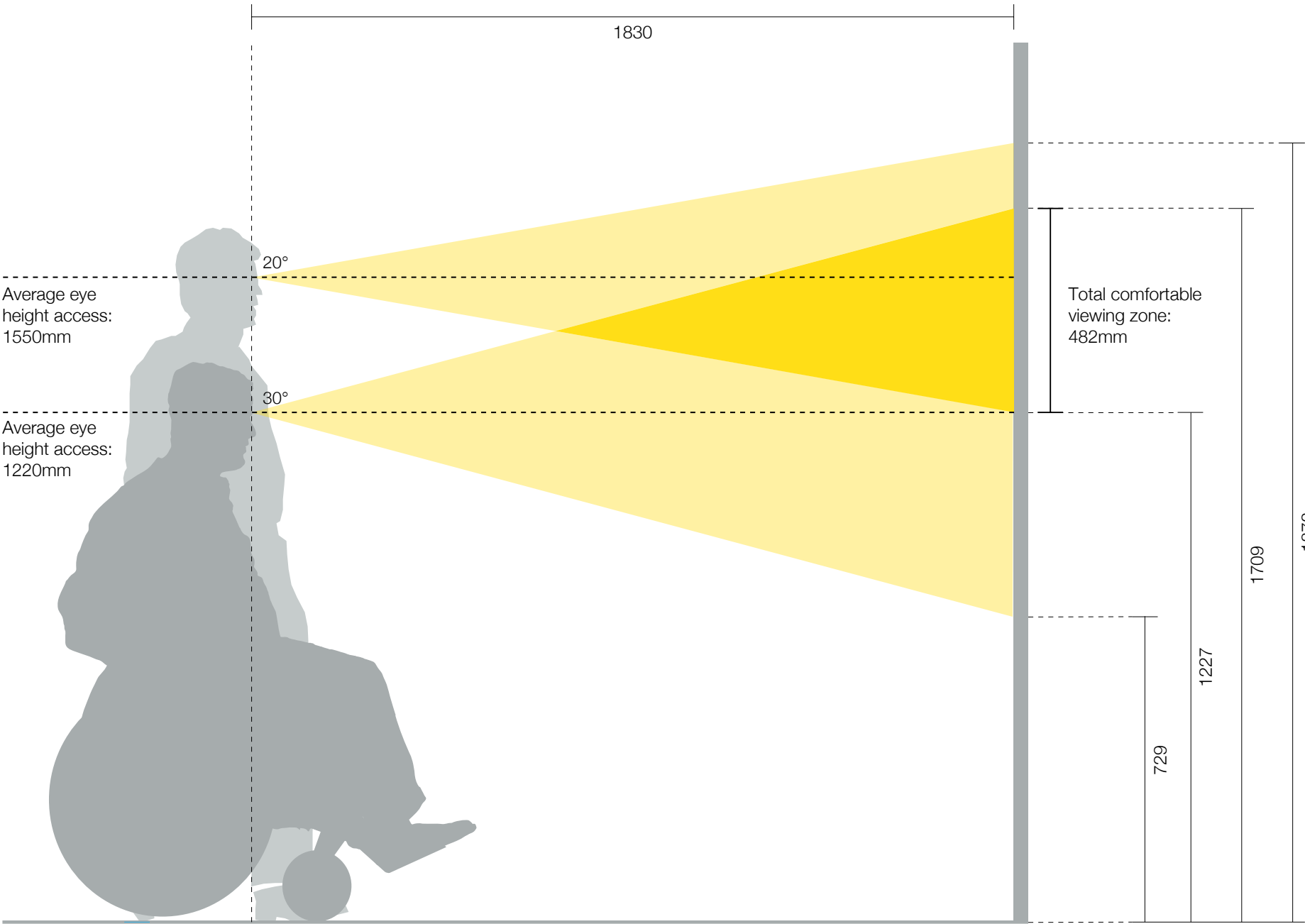
Note

Refer to 'Section 9, Graphic Standards, Typographic Grids' for letter heights specific to sign types.

Wayfinding Principles – Sight Line Legibility

Total comfortable viewing zone

As determined by AS1428.2



This diagram illustrates the total comfortable viewing zone of a user in regards to signage, as determined by AS1428.2. Signs outside of this area will not be comfortably visible to the user.

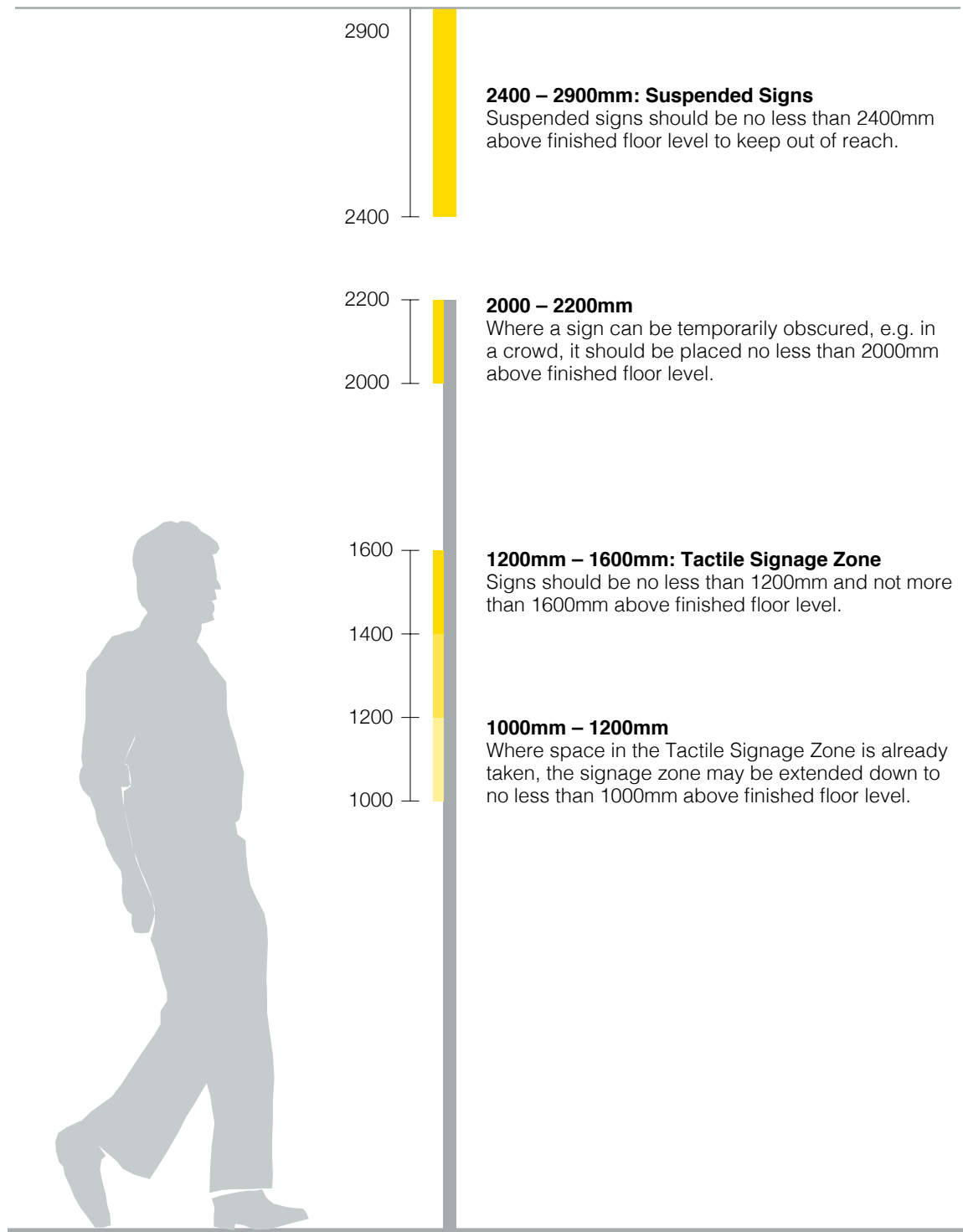
Source: National Endowment for the Arts, Needs Assessment Survey Instrument, produced by National Access Centre, USA.

AS 1428.2, 1992 Design for Access and Mobility.

Wayfinding Principles – Height Positioning Zones

Signage Zone Standards

As determined by AS1428.2

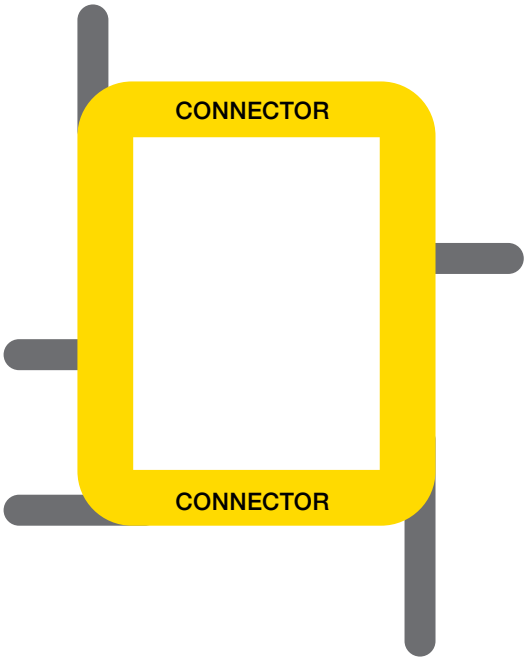


This diagram illustrates the appropriate mounting heights for wall-mounted and suspended signs in relation to their context and users, as well as the required heights for tactile signs.

Source: National Endowment for the Arts, Needs Assessment Survey Instrument, produced by National Access Centre, USA.

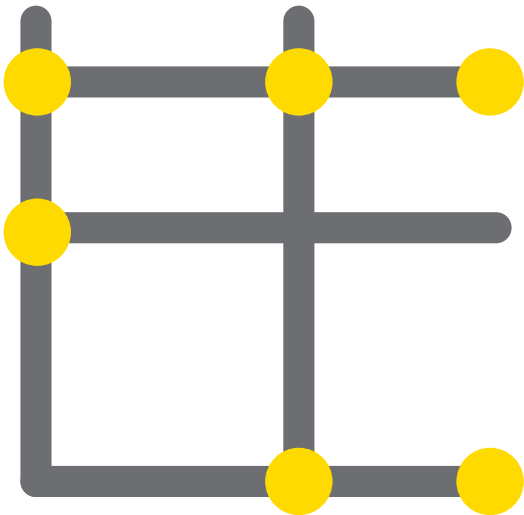
AS 1428.2, 1992 Design for Access and Mobility.

Wayfinding Principles – Strategy Models



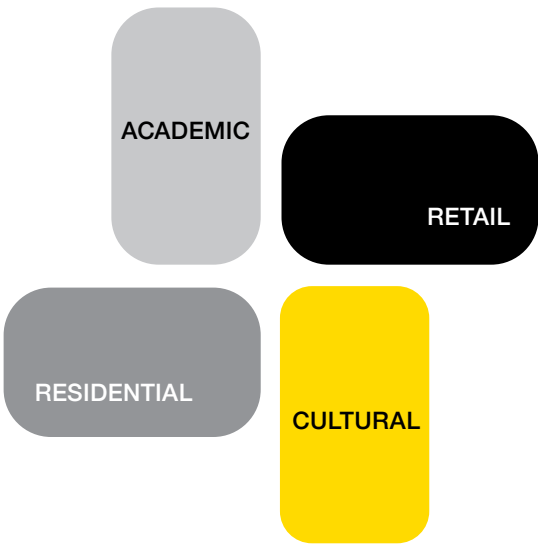
1. Connectors model

This strategy uses a simple, bold pathway that connects all destinations in one single loop.



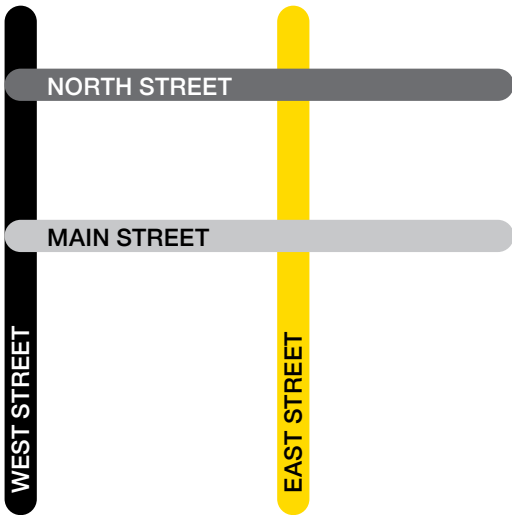
3. Landmarks model

This strategy uses architectural or placemaking elements to direct users to major destination points.



2. Districts model

This strategy divides the site into districts, creating meaningful zones that designate function.



4. Streets model

This strategy uses easily recognisable wayfinding corridors or paths to direct users.

There are four types of strategy models that organise most wayfinding systems: connectors, districts, landmarks, and streets.

For UNSW, we have chosen a strategy that incorporates elements of both the landmarks and streets models. This strategy takes advantage of existing strong visual lines and marked thoroughfares within the campus in addition to the unique architecture and landmarks already within the university.

Source: The Wayfinding Handbook, David Gibson

For sections 01 - 08, refer to chapter G.1
For sections 09 - 12, refer to chapter G.2
For sections 13 - 17, refer to chapter G.3



UNSW
SYDNEY

Thank you