

Cartlidge Levene
Museum of the Viking Age

Museum of the Viking Age
Wayfinding and signage

Signage specifications

30 07 26

This document consists of specifications for each sign type to allow the tendering company to formulate costs. Costs for sample manufacture are also required. The drawings in this document are intended as design intent only, these would be developed with the appointed fabricator to develop final working drawings. The tender return should include an itemised list showing costs to provide:

- Technical design, manufacture and installation of all items
- Relevant project management to include necessary coordination with other relevant contractors
- Site surveys, as required
- Full size control samples prior to manufacture
- Guarantees of 10 years for all hardware and fixings within costed solutions
- Developed artworks for each sign based on a set of artwork templates / guides. To be sent to CL for approval

There are some additional requirements to be adhered to, which are not stated in the document, relating to material specification and fitness-for-purpose of materials and fixings within costed solutions. Please see the following.

General expectations

- The performance of all materials, finishes and lighting systems needs to be appropriate for both internal and external environments
- The whole of the materials and workmanship as described in the specification are to be new, as specified and the best of their respective kinds.
- All materials and workmanship shall comply with relevant regulations
- Contractor to make good all ground works after installation

The following should be taken into account in providing costs:

- Input from structural engineer for internal and external signs where relevant
- Suitability of fixing methods given location or height from ground of sign
- The effect of external atmospheric conditions, internal lighting, and vandalism (within reason) on materials and fixings within costed solutions

Sign materials

- Full details of materials within costed solutions which differ to drawings and specifications are to be clearly stated
- Signs are to be costed based on accordance with British Standard 559: 1998 'Design, construction and installation of signs' (or equivalent). Compliance with the requirements of the following additional standards is also required, where appropriate:
 - a) BS EN 50107 (or equivalent) for high voltage signs and installations
 - b) BS 4533 (or equivalent), Parts 101 and 102 for low voltage signs and luminaries
 - c) BS 6399 (or equivalent) for calculating the effects of wind pressure on signs

The above is a list of principle requirements. Where not otherwise specified in BS 559, all materials, structural members and fixing devices shall conform to the relevant British Standard (or equivalent).

Fixings & positioning

- Fixings within costed solutions must be fit for purpose and suitable so that no replacement is required for the life of the sign
- Fixings for assemblies are to be hidden fixings where possible, unless otherwise stated on drawings
- All fret-cut lettering must be applied through a template to ensure accuracy

Finishes

- Finishes are to be as specified in the drawings, and to the standard required to meet the design life
- Any coating used should be undertaken in line with the manufacturer's guidelines and as a minimum to the relevant British Standards
- A minimum of 10 years guarantee is required for the coatings
- All stainless steel to be grade 316. No other grade will be acceptable

Maintenance

- The signs shall incorporate such features and provisions as necessary to allow full access to all parts by maintenance contractor's personnel as required for cleaning, inspection maintenance and replacement of sign components
- So far as is practically possible such access shall be made possible without involving the disproportionate dismantling of parts or making adjacent areas unavailable for use
- Panels must be easily replaceable in the event of damage
- Signs to be accessible for maintenance or replacement only by use of appropriate tools and personnel

External signage
– Building

Primary destination
family

External signage
Primary destination family

Type 1a

Primary entrance sign

Intent level only. All dimensions are approximate.
Not to be used for manufacture. Fabricator to check
quantities against sign location plans.

Sign code	1a
Description	Primary entrance sign
Location	Primary entrance (E-1a-1)
Specification	Water-jet cut metal letterforms and icon, powder-coated to match RAL 7021 Black grey 30% gloss level
Fixing	Pinned and bonded flush to external façade wall surface Fabricator to survey and propose suitable fixing method for approval
Dimension	250mm icon height 80mm cap height 6mm depth
Quantity	1 no.
Note	–
Sampling	1 no. water-jet cut 250mm icon and 80mm cap height ‘Vik’ pinned and bonded to suitable sample section of external façade wall surface

Reference



External signage
Primary destination family

Type 1b
Secondary entrance sign

Intent level only. All dimensions are approximate.
Not to be used for manufacture. Fabricator to check
quantities against sign location plans.

Sign code	1b
Description	Secondary entrance sign
Location	Various, refer to sign location plans School classes entrance, Museum Park shown (E-1b-2)
Specification	Water-jet cut metal letterforms and icon, powder-coated to match RAL 9016 Traffic white 30% gloss level with cut vinyl artwork applied first to ensure neat appearance from the reverse
Fixing	Bonded to external face of glazing with thin VHB tape (with vinyl applied first) Fabricator to survey and propose suitable fixing method for approval
Dimension	150mm icon height 50mm cap height 6mm depth
Quantity	3no.
Note	–
Sampling	1no. water-jet cut 150mm icon and 50mm cap height ‘Vik’ bonded to suitable sample section of glazing

Reference





Vikingtids-
museet

Inngang skoleklasser
School classes entrance

Åpningstider
Man-fre 8:00–19:00
Lør-søn 10:00–21:00

Opening hours
Mon-Fri 8:00–19:00
Sat-Sun 10:00–21:00

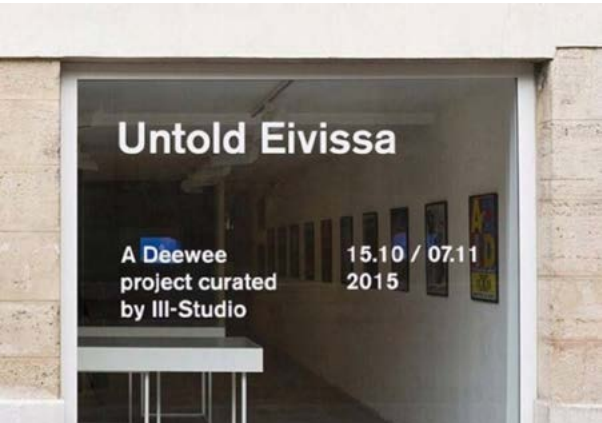
External signage
Primary destination family

Type 1cDoor level logos + opening times

Intent level only. All dimensions are approximate.
Not to be used for manufacture. Fabricator to check
quantities against sign location plans.

Sign code	1c
Description	Donor level logos + opening times
Location	School classes entrance shown (E-1c-2) Staff entrance (E-1c-1)
Specification	Screen-printed letterforms to glazing to match RAL 9016 Traffic white
Fixing	Screen-printed in-situ directly to external face of glazing
Dimension	20mm cap height 10mm cap height
Quantity	2no.
Note	Fabricator to ensure screen-printing is able to withstand external conditions
Sampling	1no. screen-printed artwork in RAL 9016 to suitable sample section of glazing (sample to be combined with 1b, see page 8)

Reference



Inngang skoleklasser
School classes entrance

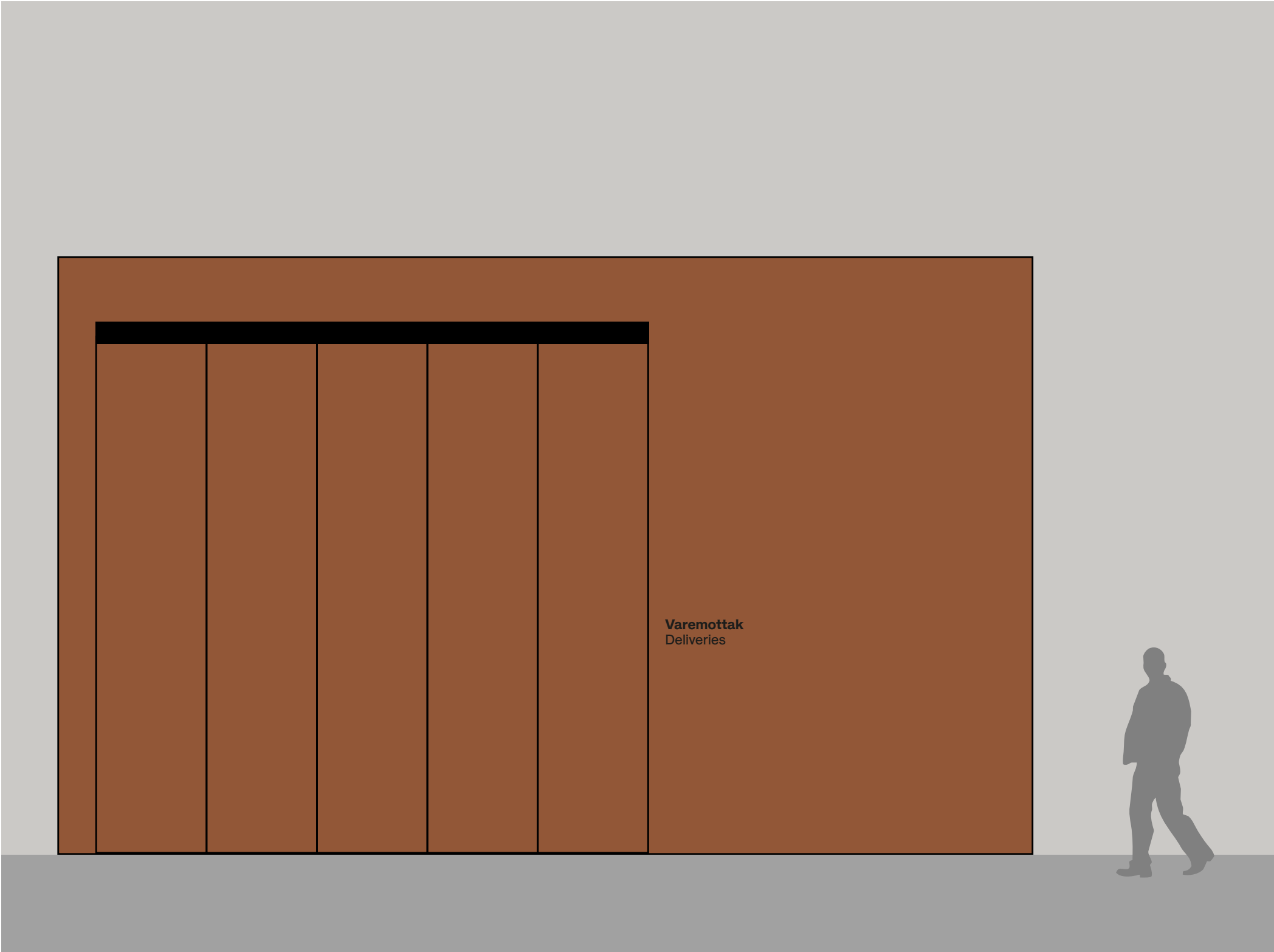
Åpningstider
Man-fre 8:00-19:00
Lør-søn 10:00-21:00

Opening hours
Mon-Fri 8:00-19:00
Sat-Sun 10:00-21:00

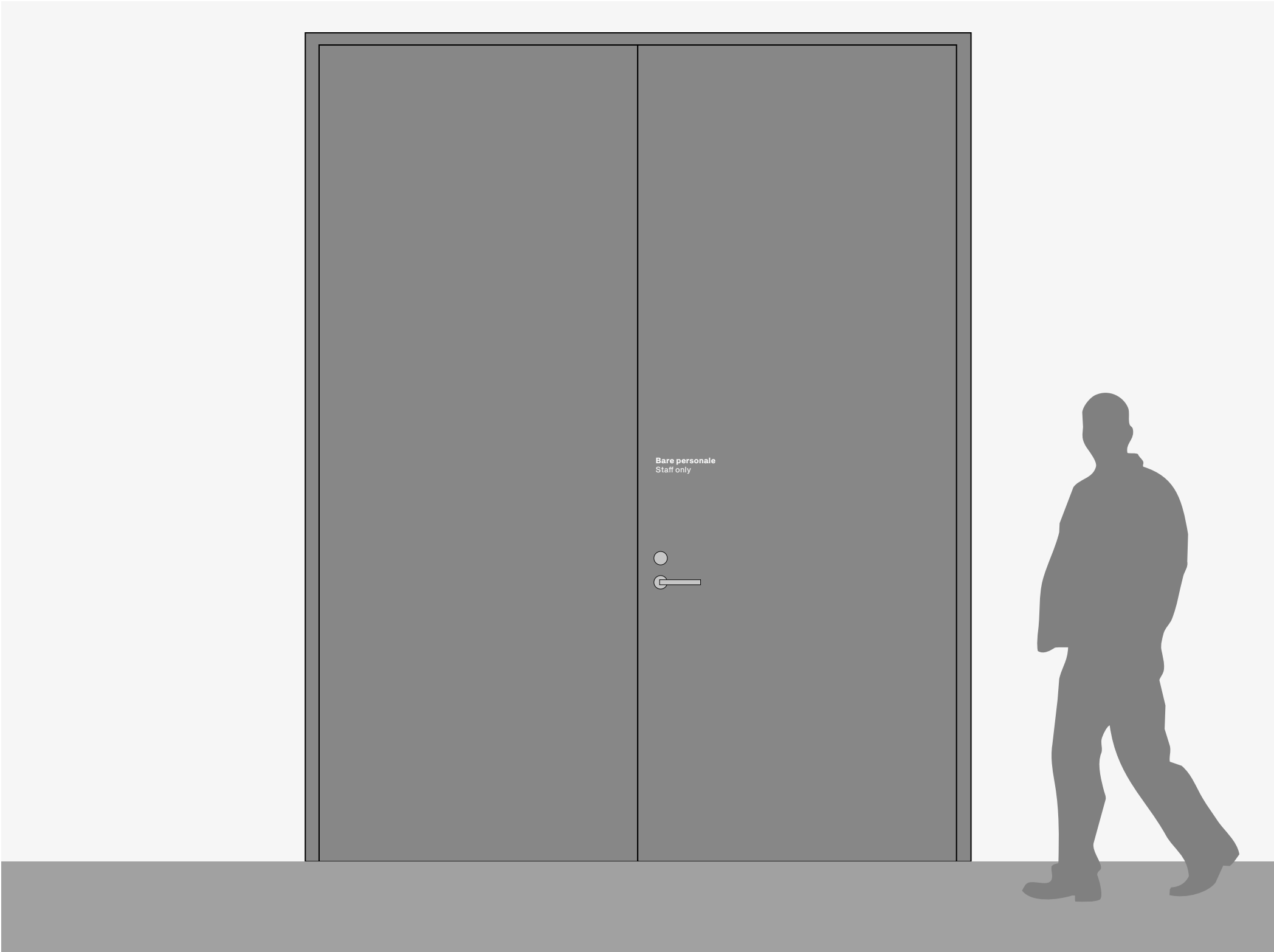
Back of house family

Sign code	2a
Description	Delivery bay entrance sign
Location	Delivery bay entrance (E-2a-1)
Specification	Water-jet cut metal letterforms, powder-coated to match RAL 7021 Black grey 30% gloss level
Fixing	Pinned and bonded flush to external corten steel surface Fabricator to survey and propose suitable fixing method for approval
Dimension	80mm cap height 6mm depth
Quantity	1no.
Note	–
Sampling	1no. water-jet cut 80mm cap height ‘Var’ and ‘Del’ bonded to suitable sample section of corten steel surface

Reference



Sign code	2b
Description	Back-of-house door sign
Location	Various, refer to sign location plans
Specification	Screen-printed letterforms to glazing to match RAL 9016 Traffic white
Fixing	Screen-printed in-situ directly to external door surface
Dimension	20mm cap height
Quantity	2no.
Note	Fabricator to ensure screen-printing is able to withstand external conditions
Sampling	1no. screen-printed artwork to suitable sample section of external metal door surface



External signage

- Park

Primary destination
family

Sign code	3a
Description	Large logo in landscape
Location	Meadow near entrance to park (E-1a-1)
Specification	Large-scale museum logo constructed of Northern European sourced solid timber. Comprised of 3no. individual ship elements, 2no. of which have carved details to both faces (30mm depth). Each element to be face-lit from below lighting integrated into the ground (by others)
Option 1a	Solid oak with protective clear stain
Option 1b	Solid oak with wood tar coating
Option 2a	Solid pine with protective clear stain
Option 2b	Solid pine with wood tar coating
Fixing	Large-scale museum logo to be raised off ground level to ensure protection from moisture and rot. Fixings to foundations to be as discreet as possible as to appear floating within the meadow Fabricator to survey and propose suitable fixing method for approval with allowance for technical drawing and development. To be checked by a structural engineer for windloading, strength and durability testing etc.
Dimension	See below for individual elements
Ship 1	1180mm (w) x 2400mm (h) x 175mm (d)
Ship 2	2282mm (w) x 2400mm (h) x 175mm (d)
Ship 3	3000mm (w) x 2400mm (h) x 175mm (d)
Quantity	1no.
Notes	Coordination required with contractors responsible for foundations, lighting and landscaping
Sampling	See next page



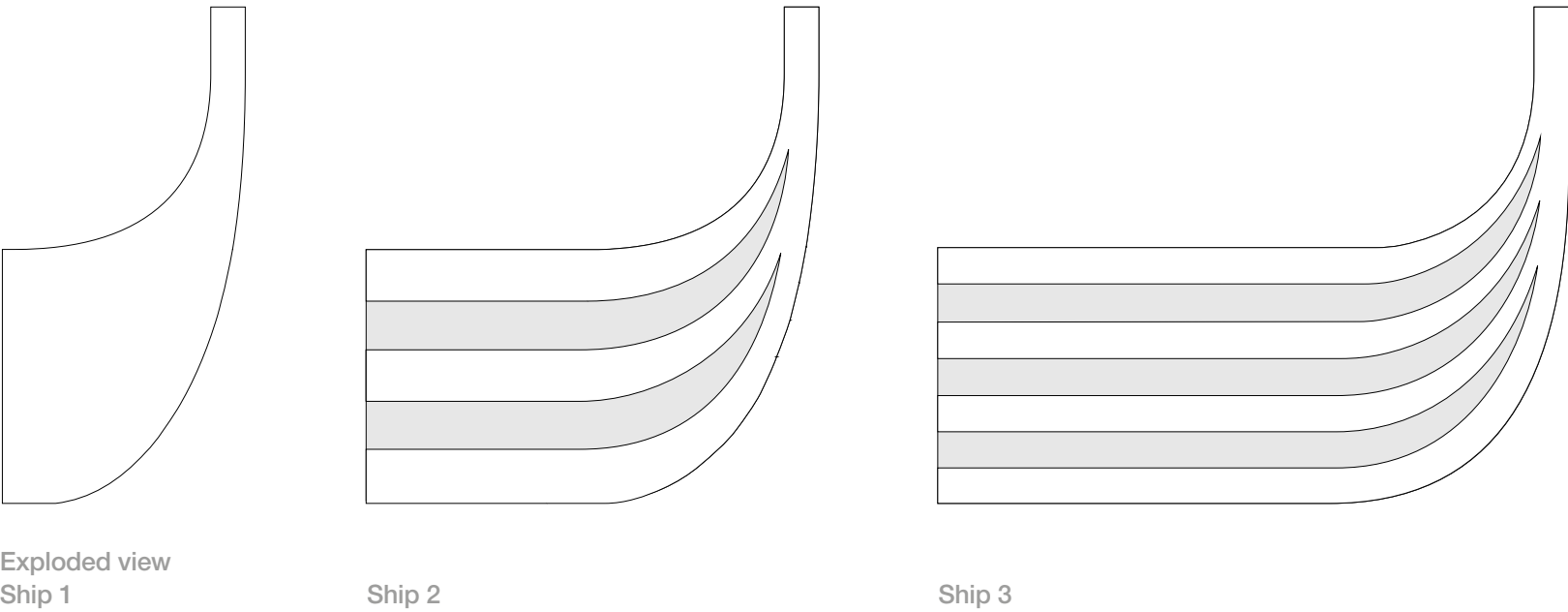
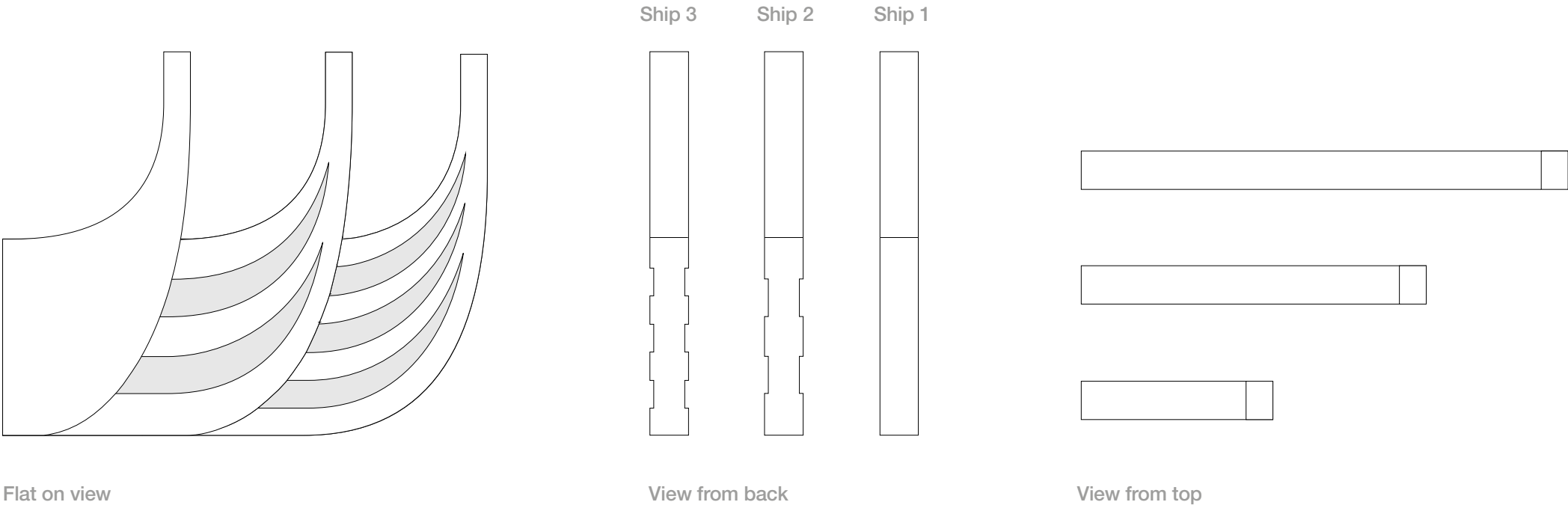
Material reference



Sign code	3a
Description	Large logo in landscape
Sampling	1no. full sample of 'Ship 2' element including fixing and foundations in suitable area of museum landscape



Sign code	3a
Description	Large logo in landscape



Sign code	3a
Description	Large logo in landscape

1:1 foamboard sample



Sign code	3b
Description	Secondary logo/museum name
Location	Low concrete wall (E-3b-1)
Specification	Water-jet cut metal letterforms and icon, powder-coated to match RAL 7021 Black grey 30% gloss level
Fixing	Pinned and bonded flush to external concrete plinth surface Fabricator to survey and propose suitable fixing method for approval
Dimension	300mm icon height 100mm cap height 6mm depth
Quantity	1 no.
Note	–
Sampling	–

Reference



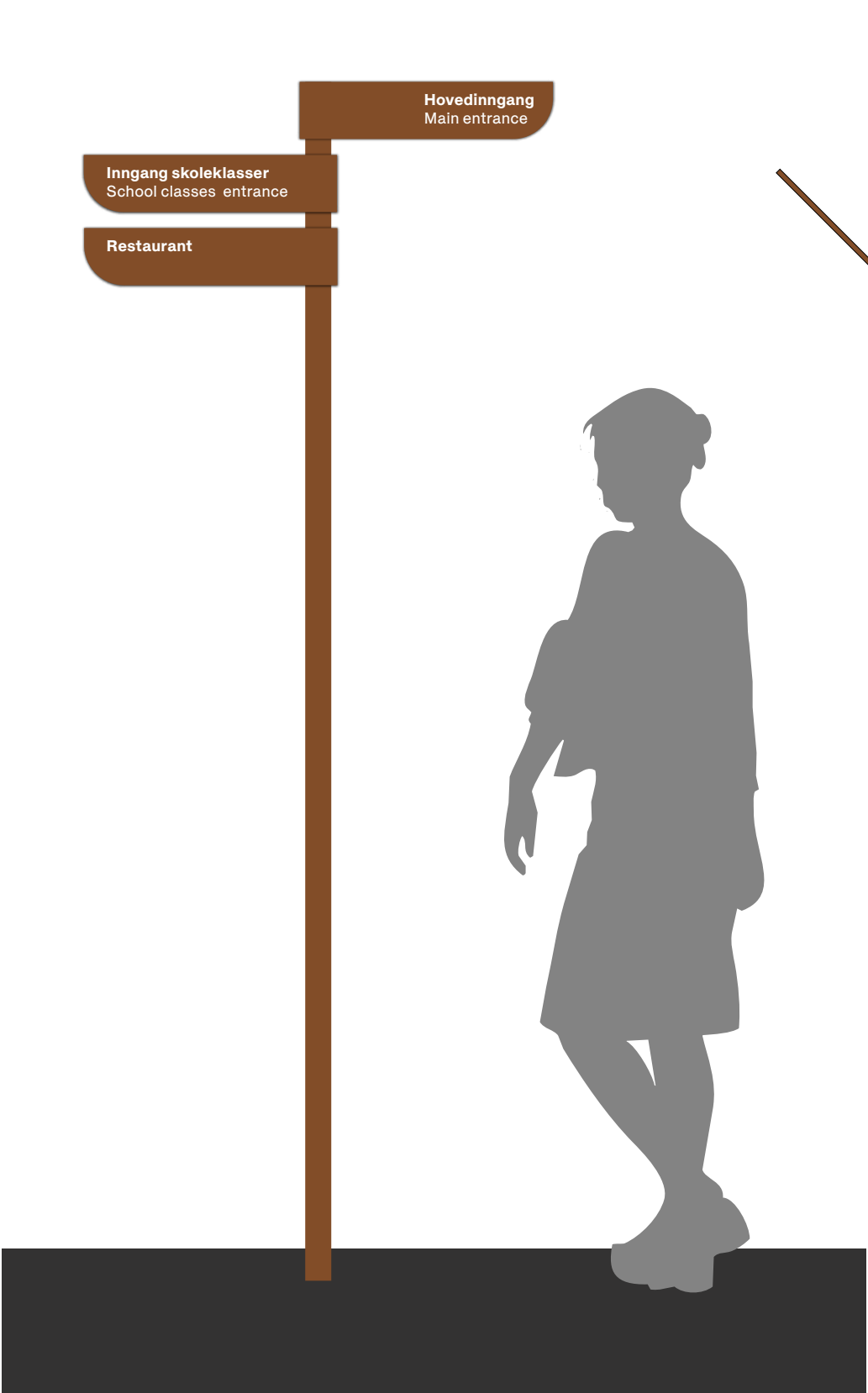
Vehicular family

Sign code	4a
Description	Vehicular
Location	Various, refer to sign location plans
Specification	30mm aluminium panel, powder-coated to match Powdertech Steel 7 with etched and infilled letterforms and icons to match RAL 9016 Traffic white to 2no. faces of the panel
Fixing	Fabricator to survey and propose suitable fixing method of totem footing into floor for approval with allowance for technical drawing and development. Base to be concealed within groundwork To be checked by a structural engineer for windloading, strength and durability testing etc.
Dimension	450mm (w) x 1700mm (h) x 30mm (d) 40mm cap height
Quantity	3no.
Note	Dimensions subject to approval of structural stability of proposed thickness
Sampling	1no. full powder-coated blade sign with sample artwork etched and infilled



Pedestrian family

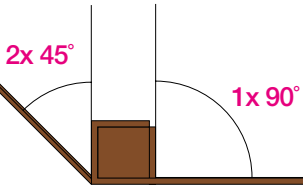
Sign code	5a
Description	Pedestrian directional
Location	In front of main entrance (E-5a-1)
Specification	Square profile aluminium pole powder-coated to match Powdertech Steel 7, with 3no. 6mm aluminium finger signs wrapping the pole at differing heights, also power-coated to match Powdertech Steel 7 with etched and infilled letterforms to match RAL 9016 Traffic white.
Fixing	Fabricator to survey and propose suitable fixing method of pole footing into floor for approval with allowance for technical drawing and development. Base to be concealed within groundwork Finger signs to be fixed to pole using invisible mechanical fixings. To be checked by a structural engineer for windloading, strength and durability testing etc.
Dimensions	See below for individual elements
Pole	50mm (w) x 2300mm (h) x 50mm (d)
Finger	500mm (w) x 110mm (h) 6mm (d) 25mm cap height
Quantity	1no.
Note	Coordination required with contractor responsible for paving
Sampling	1no. powder-coated finger sign with etched and infilled letterforms fixed to sample section of square profile poled



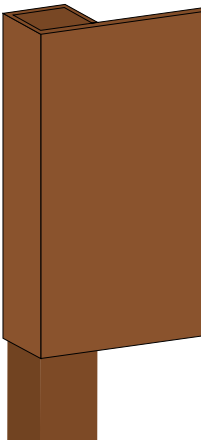
Directional pointer wraps around 3 sides of the pole



View from above



Detail

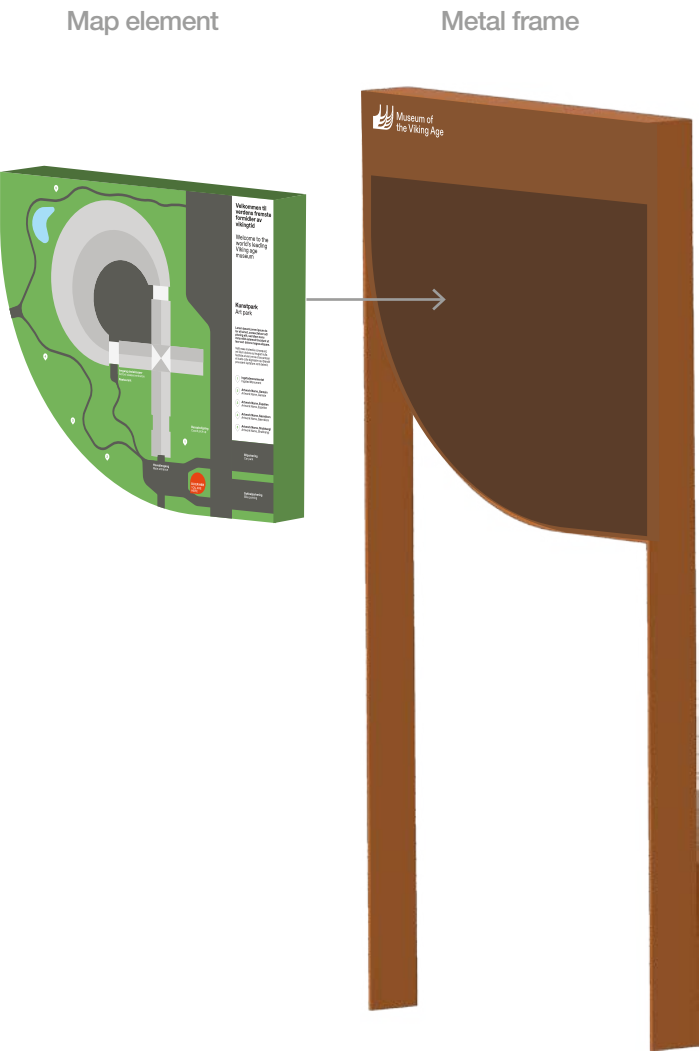


Reference

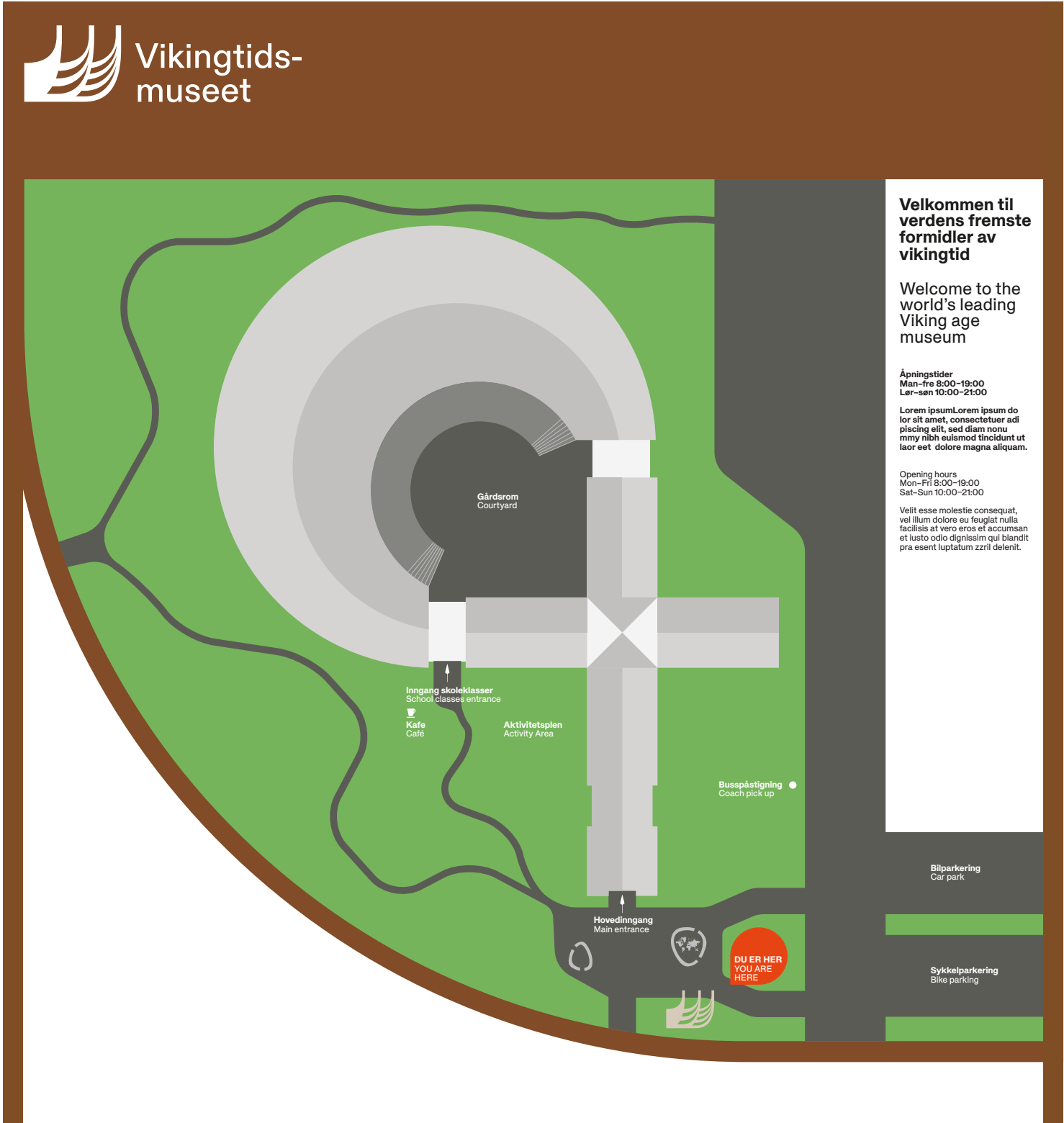


Information family

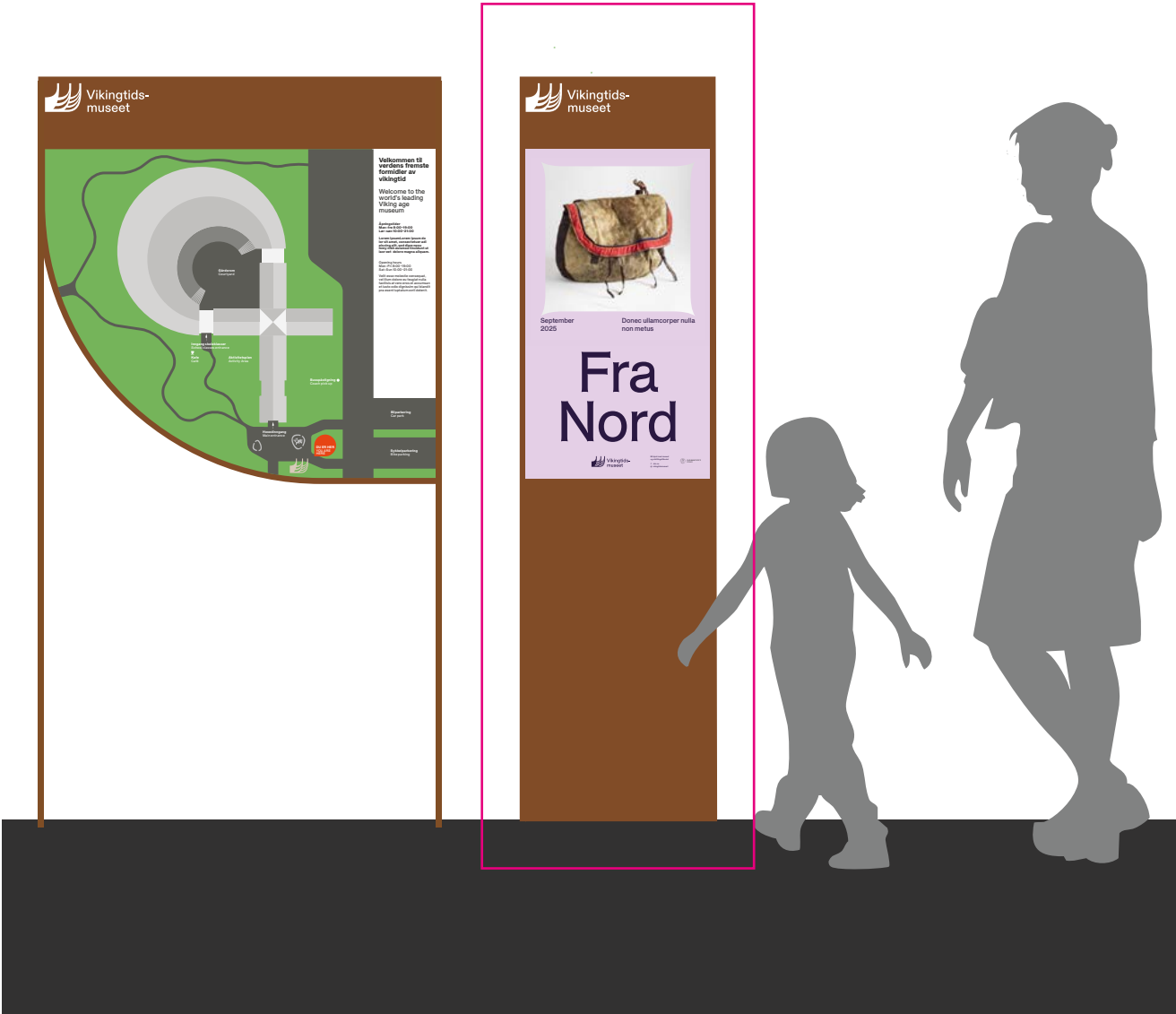
Sign code	6a
Description	Site map
Location	Various, refer to sign location plans
Specification	100mm aluminium panel sign powder-coated to match Powdertech Steel 7 with etched and infilled logo to match RAL 9016 Traffic white. Panel to have curved bottom and recess to accept and hold changeable map panel element, panel stood on 2no. slim legs.
Fixing	Changeable aluminium map panel element with printed map to 1no. face (recommended to be stove enamel to ensure durability and weather-proof) Fabricator to survey and propose suitable fixing method of totem footing into floor for approval with allowance for technical drawing and development. Base to be concealed within groundwork. To be checked by a structural engineer for windloading, strength and durability testing etc. Changeable map panel must be easily removed and replaced, using discreet fixings which are countersunk and powder-coated to match
Dimensions	See below for individual elements
Panel Logo Map	920mm (w) x 1700mm (h) x 100mm (d) 65mm icon height, 20mm cap height 746.7mm (h), aligns to 6b poster
Quantity	2no.
Note	Coordination required with contractor responsible for paving
Sampling	See next page



Sign code	6a
Description	Site map
Sampling	1 no. full working sample including etched and infilled logo, powder-coating and printed changeable map panel including all fixings



Sign code	6b
Description	Poster frame
Location	Various, refer to sign location plans
Specification	100mm aluminium panel sign powder-coated to match Powdertech Steel 7 with etched and infilled logo to match RAL 9016 Traffic white. Panel to house 35" digital screen to 1no. face only. Screen bezel to be as minimal as possible
Fixing	Fabricator to survey and propose suitable fixing method of totem footing into floor for approval with allowance for technical drawing and development. Base to be concealed within groundwork To be checked by a structural engineer for windloading, strength and durability testing etc.
Dimensions	See below for individual elements
Panel Screen	450mm (w) x 1700mm (h) x 100mm (d) 420mm (w) x 746.7mm (h) 35" approx.
Quantity	2no.
Note	Coordination required with contractor responsible for paving Coordination required to resolve power and data supply to location
Sampling	1no. full working sample panel with etched and infilled logo and digital screen. Sample to include fixings, power and display digital artwork sample (to be supplied)



Angled profile



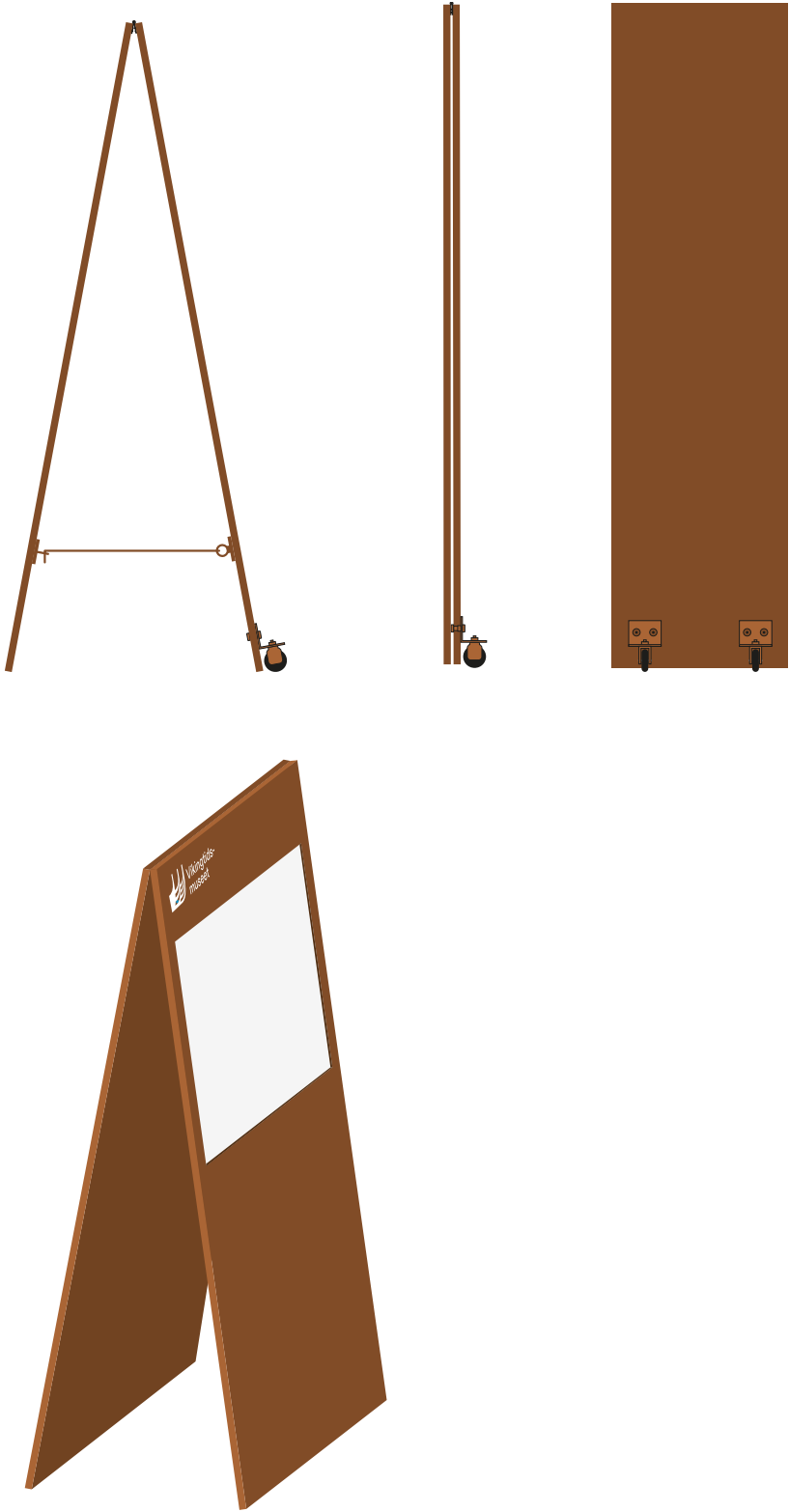
Sign code	6c
Description	Information sign
Location	Outdoor café area
Specification	30mm aluminium panel, powder-coated to match Powdertech Steel 7 with folded angle top with recess to house changeable information panel Changeable information panel powder-coated to match Powdertech Steel 7 with printed letterforms to match RAL 9016 Traffic white (recommended to be stove enamel to ensure durability and weather-proof)
Fixing	Fabricator to survey and propose suitable fixing method of totem footing into floor for approval with allowance for technical drawing and development. Base to be concealed within groundwork Changeable panel must be easily removed and replaced, using discreet stud and key bolt fixing to the reverse
Dimension	450mm (w) x 1300mm (h) x 30mm (d) 25mm cap height
Quantity	1 no.
Note	Dimensions subject to approval of structural stability of proposed thickness Coordination required with contractor responsible for groundworks
Sampling	–



Reference (existing sign)

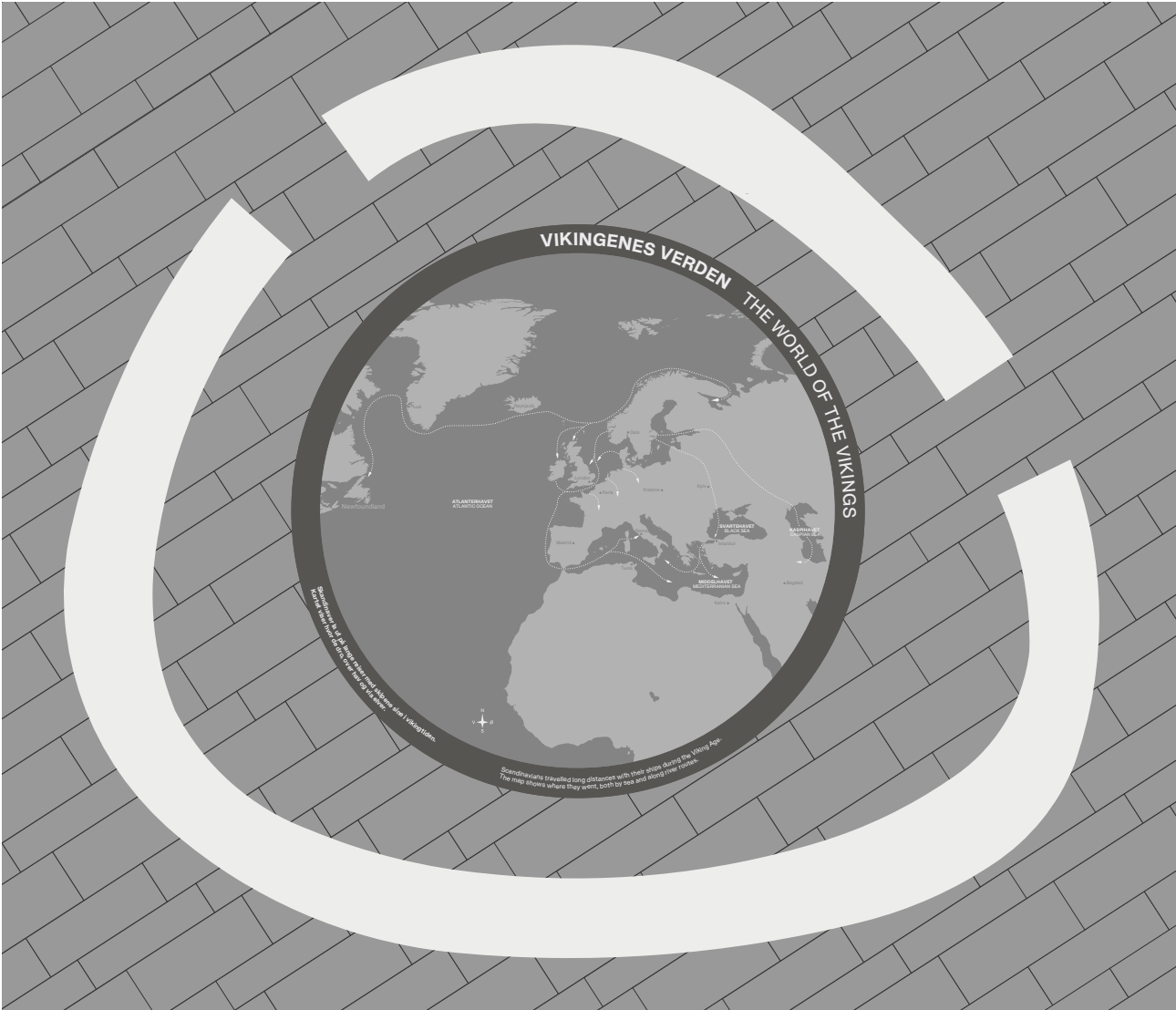


Sign code	6d
Description	Mobile outdoor sign system
Location	External (moveable)
Specification	Folding A-board sign consisting of 2no. aluminium panels, powder-coated to match Powdertech Steel 7 with etched and infilled logo to match RAL 9016 Traffic white. Panels to be connect at top edge with piano hinge. Bar and hook between panels to lock sign into open position. Set of 2no. wheels at bottom of back panel to allow sign to be tilted and rolled between locations. Weather-proof and tamper-proof recessed poster display window within front panel to house printed A2 poster
Fixing	Changeable poster must be easily removed and replaced, using discreet fixings
Dimension	450mm (w) x 1700mm (h) x 10mm (d)
Quantity	6no.
Note	Dimensions subject to approval of stability Fabricator to survey landscape and propose suitable wheels, and ensure any weight limits for staff usage are adhered to. Fabricator responsible for ensuring sign is weather-proof and safe to use eg. no risk of trapping fingers etc.
Sampling	1no. fully working A-board with all fixings and etched and infilled logo



Exhibition narrative
family

Sign code	7a
Description	Viking world map
Location	Seating in front of main entrance (E-7a-1)
Specification	Oppdal slate paving of various sizes laid flush into park project paving (to be coordinated) with sandblasted world map, stainless steel letterforms and Viking journey dotted path laid flush into slate paving. Darker Offerdal circular 'frame' with sandblasted titling and stainless steel letterforms laid flush into slate paving.
Fixing	Laid flush into existing paving surrounding the location Fabricator to survey and propose suitable fixing method of slate paving into surrounding groundwork and suitable fixing and sizes for stainless steel inlaid elements for approval with allowance for technical drawing and development.
Dimension	5000mm (w) x 5000mm (h) overall
Note	Coordination required with contractor responsible for groundworks and paving Artwork subject to change and currently work in progress. To be developed once fabricator has been appointed
Sampling	TBC



Reference



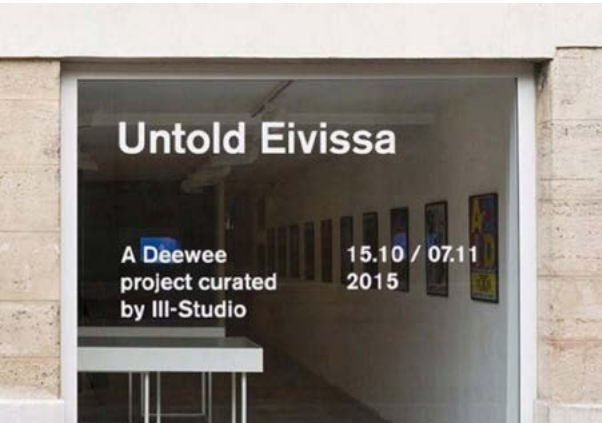
Sign code	7a
Description	Viking world map



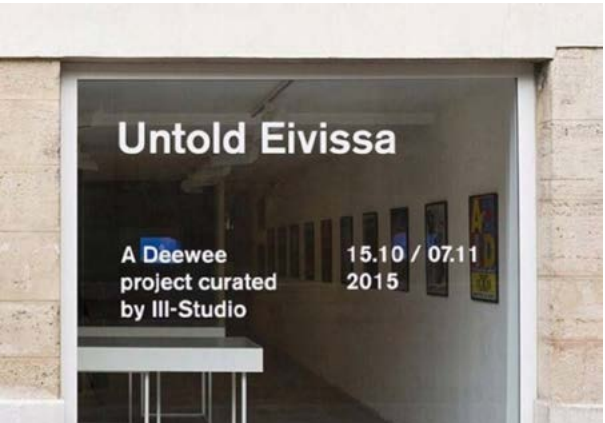
Internal signage

Primary destination
family

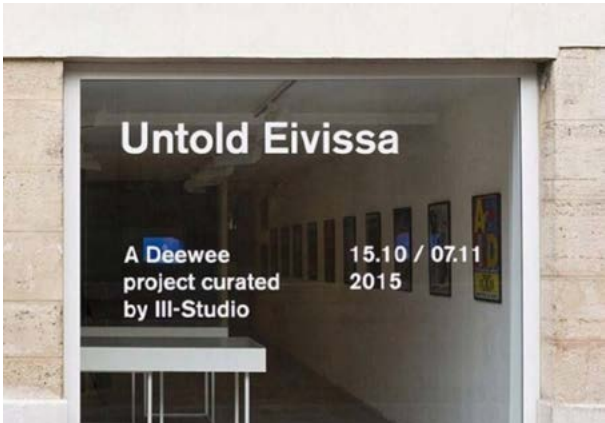
Sign code	A1_a
Description	Destination name sign (on glazing)
Location	Various, refer to sign location plans Shown location (1-A1-5)
Specification	Screen-printed letterforms to glazing to match RAL 9016 Traffic white
Fixing	Screen-printed in-situ directly to glazing
Dimension	75mm cap height
Quantity	4no.
Note	–
Sampling	–



Sign code	A1_a
Description	Destination name sign (on glazing)
Location	Shown here: Lecture Hall (1-A1-5)

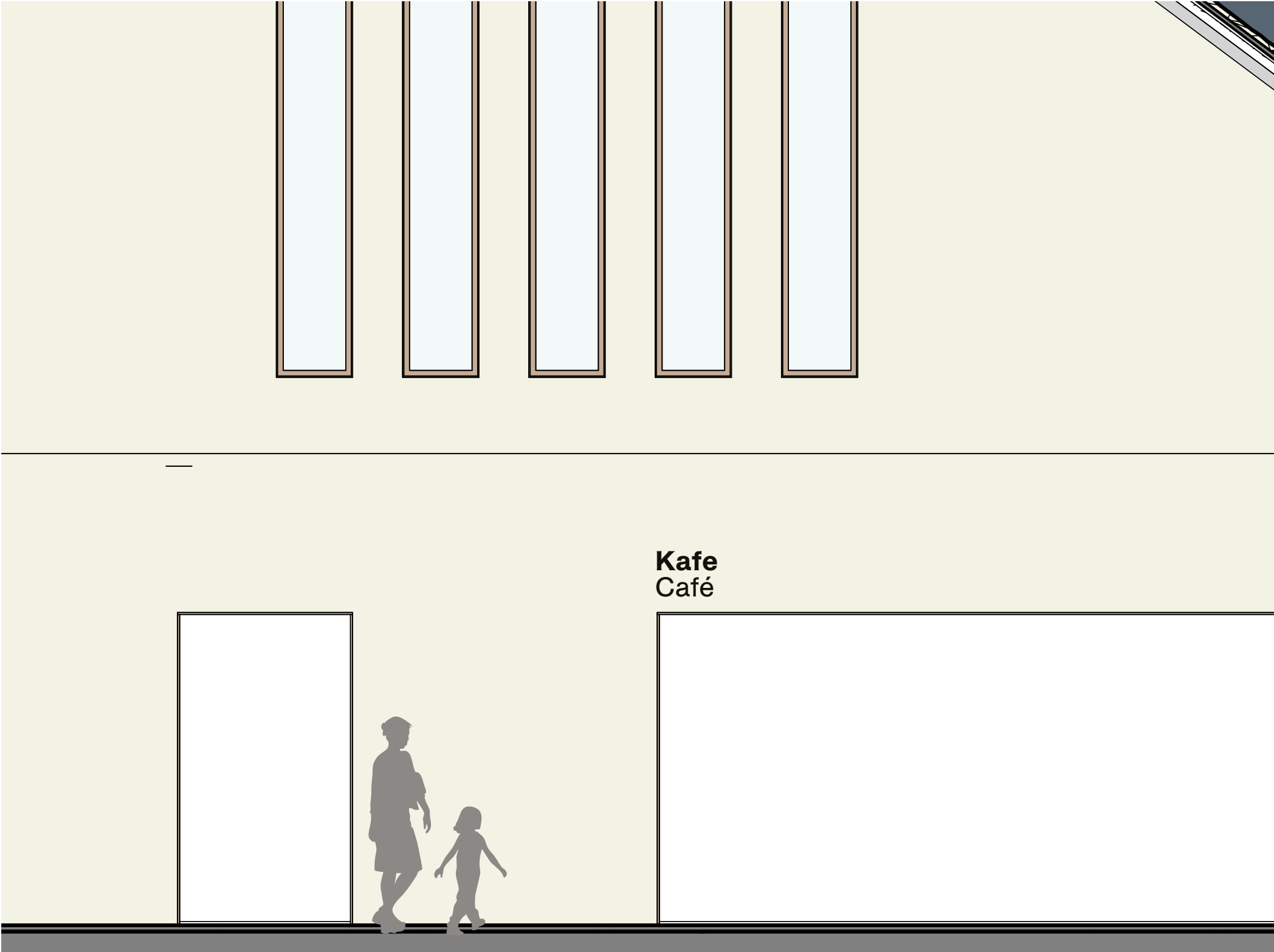


Sign code	A1_a
Description	Destination name sign (on glazing)
Location	Shown here: Restaurant, Shop entrance (1-A1-3)



Sign code	A1_b
Description	Destination name sign (on wall)
Location	Restaurant (1-A1-2)
Specification	Screen-printed letterforms to wall surface to match RAL 9016 Traffic white
Fixing	Screen-printed in-situ directly to wall Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	120mm cap height
Quantity	1no.
Note	–
Sampling	1no. artwork ‘Kafe/Café’ screen-printed to suitable sample section of wall surface

Reference

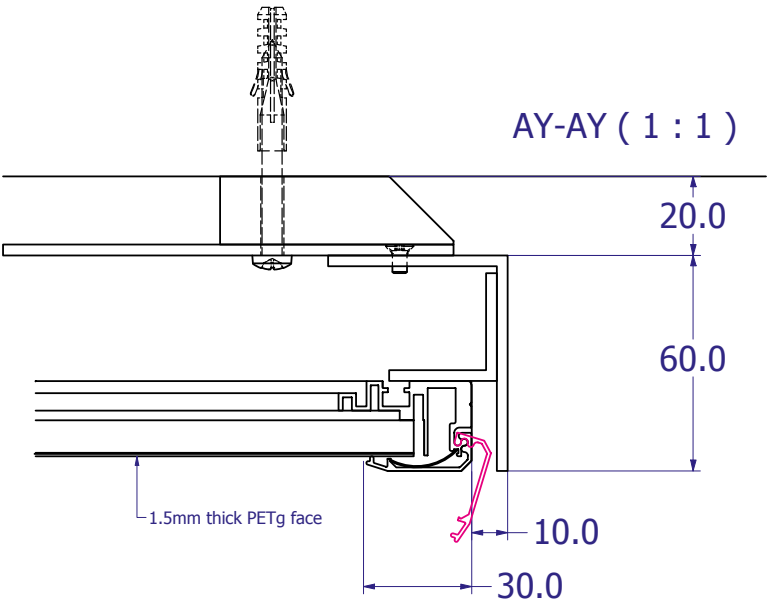
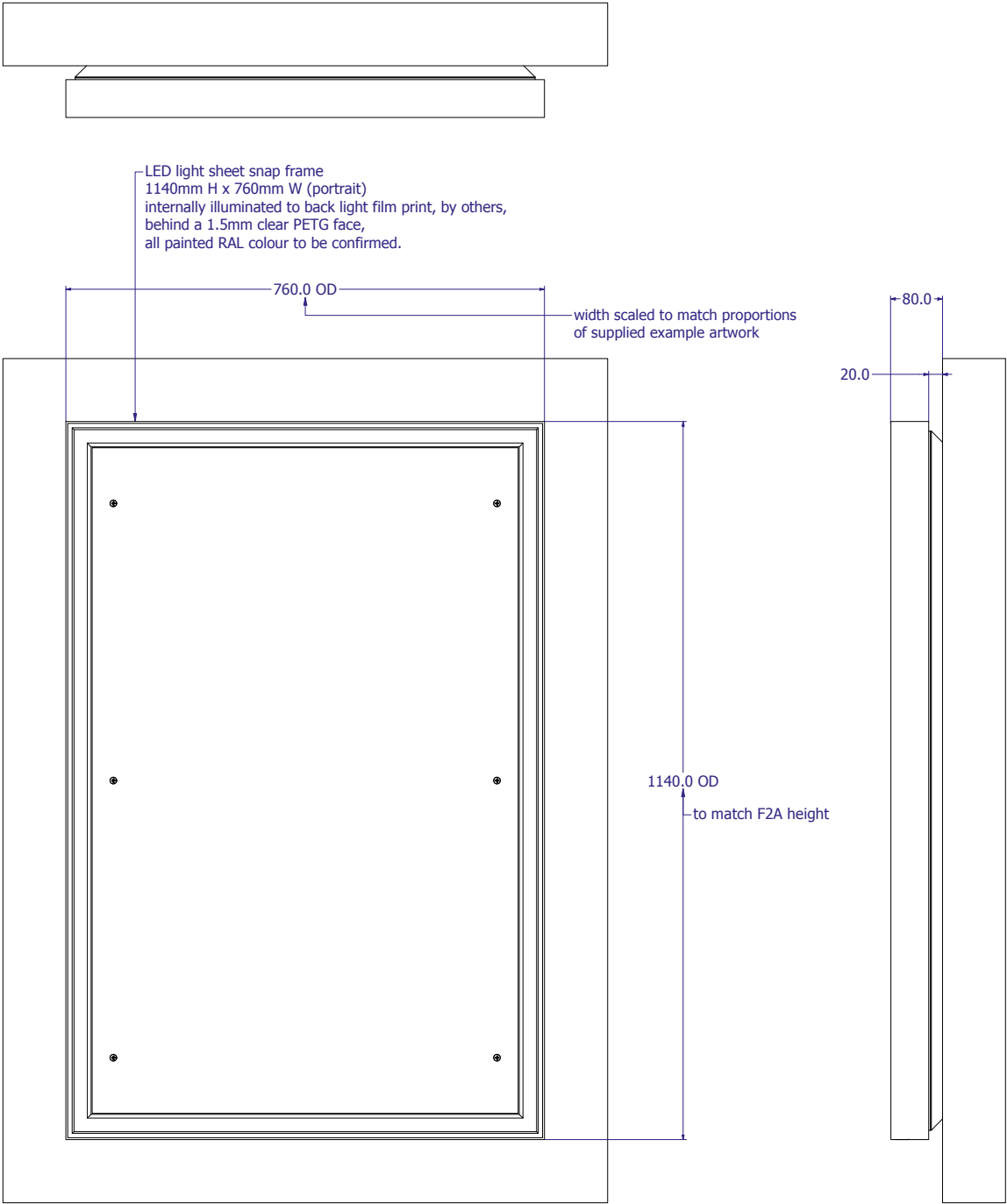


Sign code	A2
Description	Changeable gallery graphic
Location	Various, refer to sign location plans Shown location (0-A2-1)
Specification	LED lightsheet housed within bespoke aluminium poster frame powder-coated to match RAL TBC. Lightsheet to achieve even distribution of light across the surface. Colour temperature TBC. Poster frame housing to be slim in profile with minimal bezel to the face to take printed Duratrans poster. Poster frame must be lockable with discreet mechanism to underside and tamperproof
Fixing	Fabricator to survey and propose suitable fixing method of poster frame to mount flush to internal wall for approval with allowance for technical drawing and development
Dimension	To house A0 poster 841mm (w) x 1189mm (h)
Quantity	2no.
Note	Coordination required to resolve power supply to location
Sampling	1no. fully working sample poster frame including all fixings, power and poster using sample artwork (to be supplied)

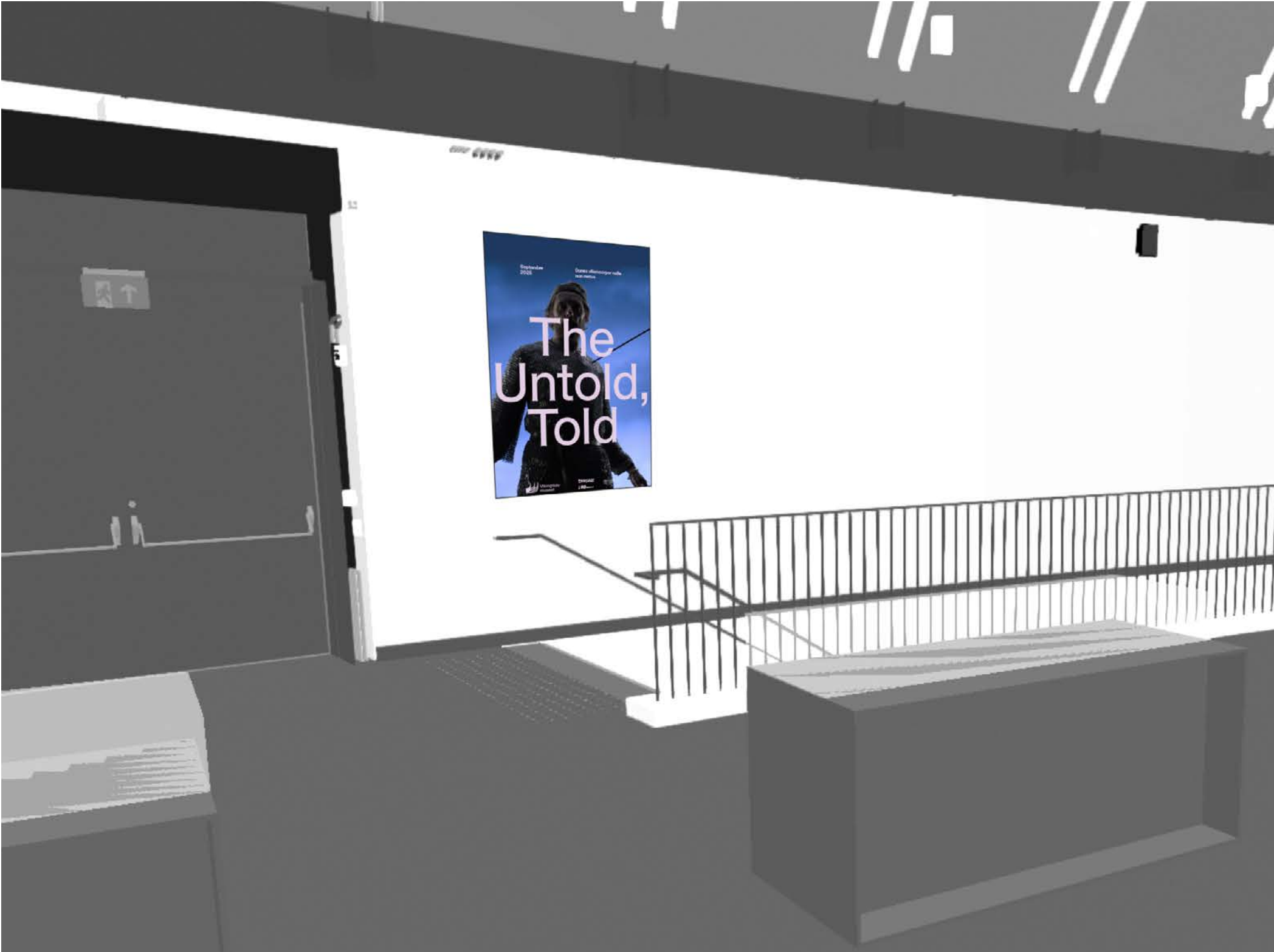


Sign code	A2
Description	Changeable gallery graphic
Note	Example drawing of similar product, not to be used as working drawings.

Reference drawing

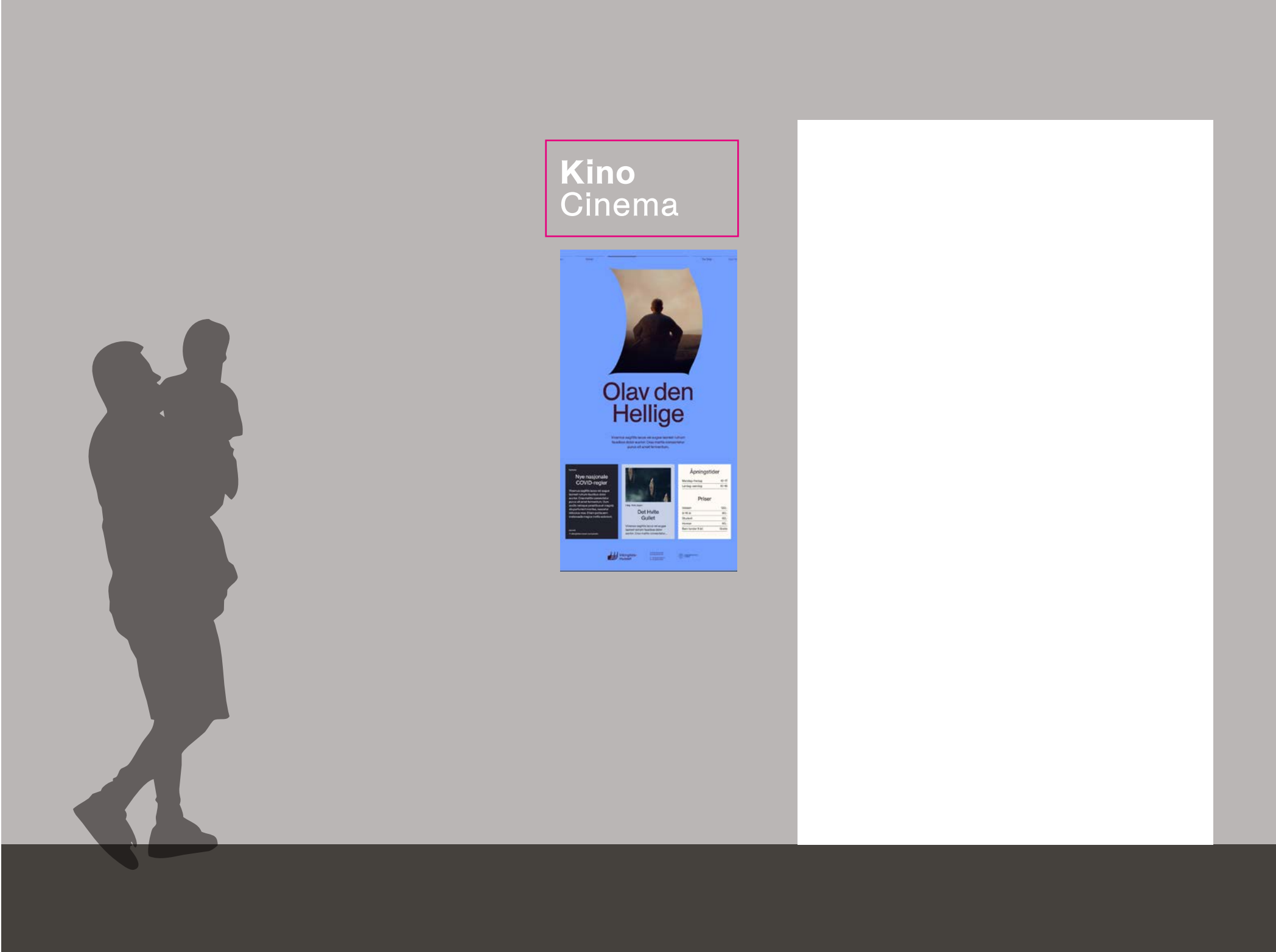


Sign code	A2
Description	Changeable gallery graphic
Location	At top of stairs leading down to Temporary Exhibition (1-A2-1)
Note	The 1-A2-1 location must have a special fixing developed to accommodate for the textile panel wall. More detail tbc.

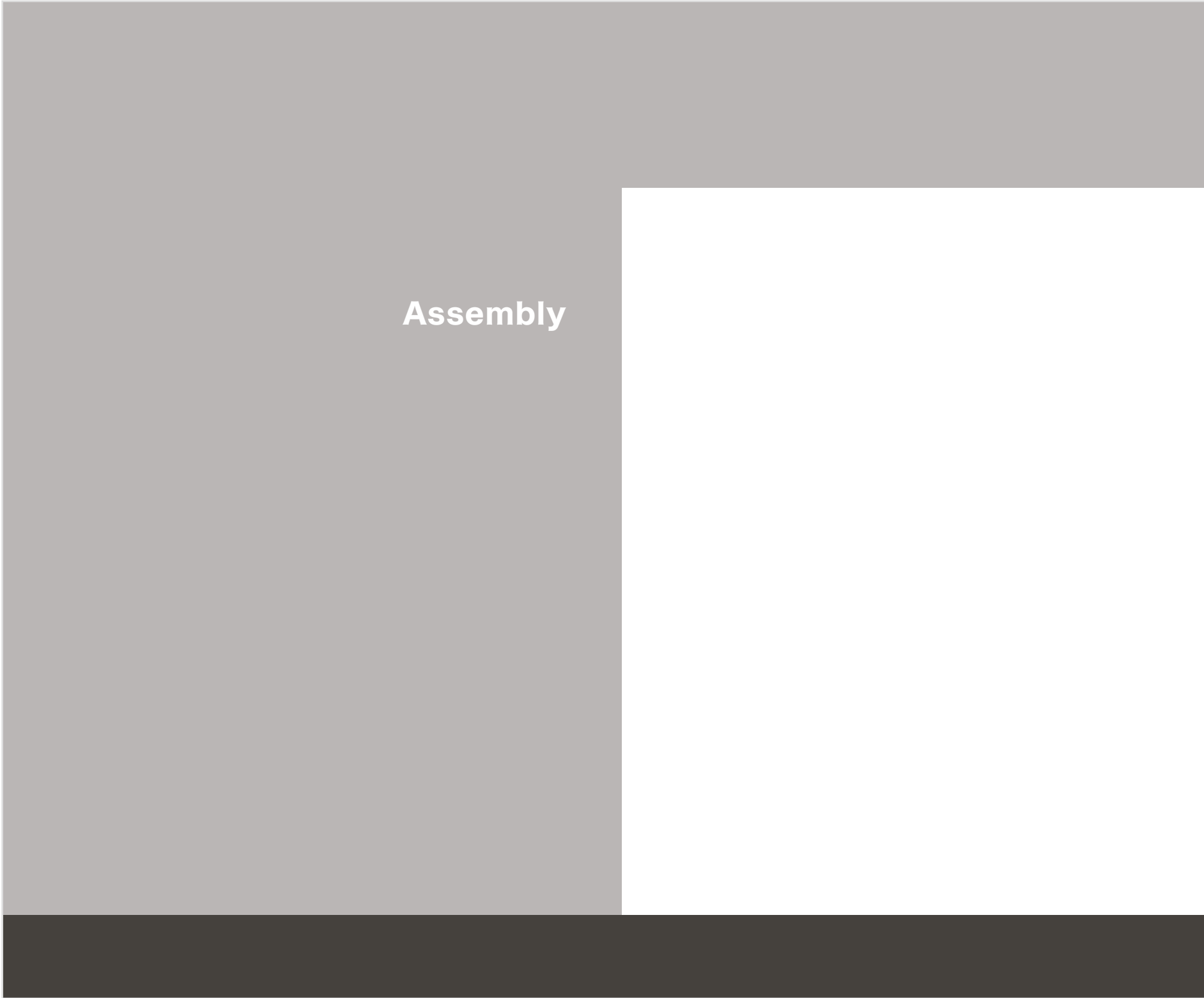


Sign code	A3
Description	Secondary destination sign
Location	Various, refer to sign location plans Shown location (0-A3-2)
Specification	Screen-printed letterforms to wall surface to match RAL 9016 Traffic white
Fixing	Screen-printed in-situ directly to wall Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	75mm cap height
Quantity	6no.
Note	–
Sampling	–

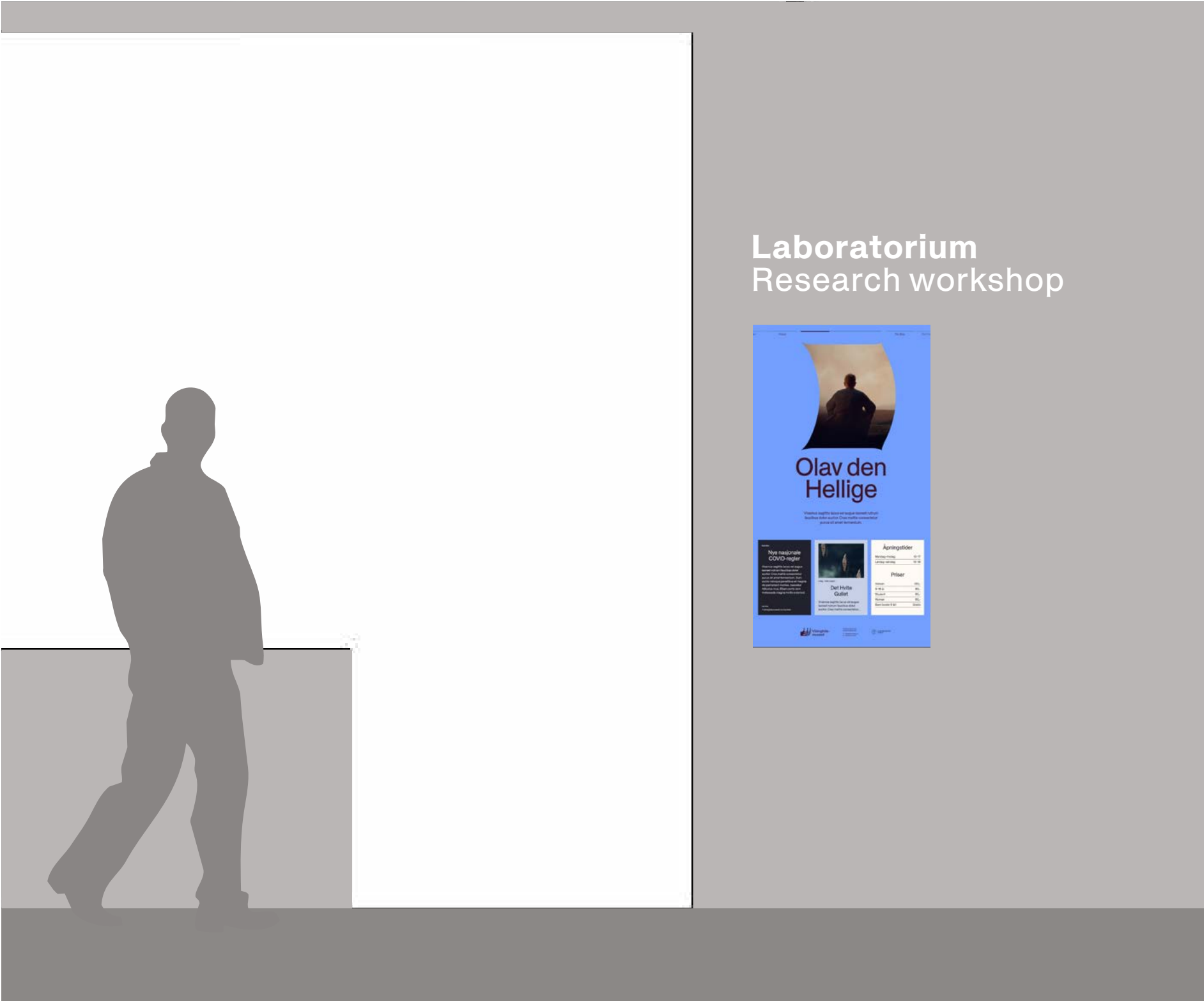
Reference



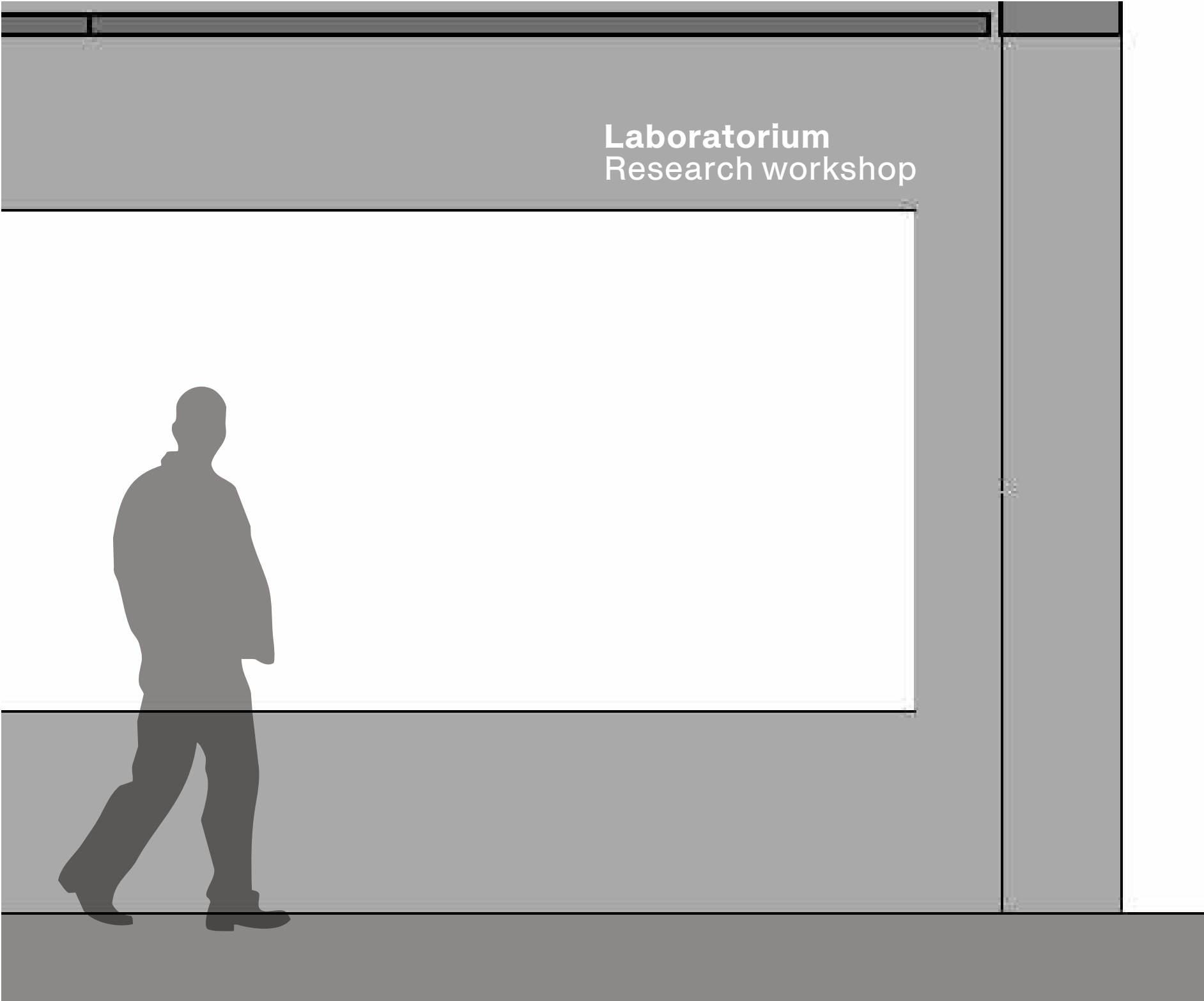
Sign code	A3
Description	Secondary destination sign
Location	Assembly entrance (0-A3-1)



Sign code	A3
Description	Secondary destination sign
Location	Research Workshops entrance Oseberg Hall (0-A3-3)



Sign code	A3
Description	Secondary destination sign
Location	Research Workshops entrance Gokstad Hall (0-A3-4)



Sign code	A3
Description	Secondary destination sign
Location	Entrance Hall meeting point (1-A3-1)

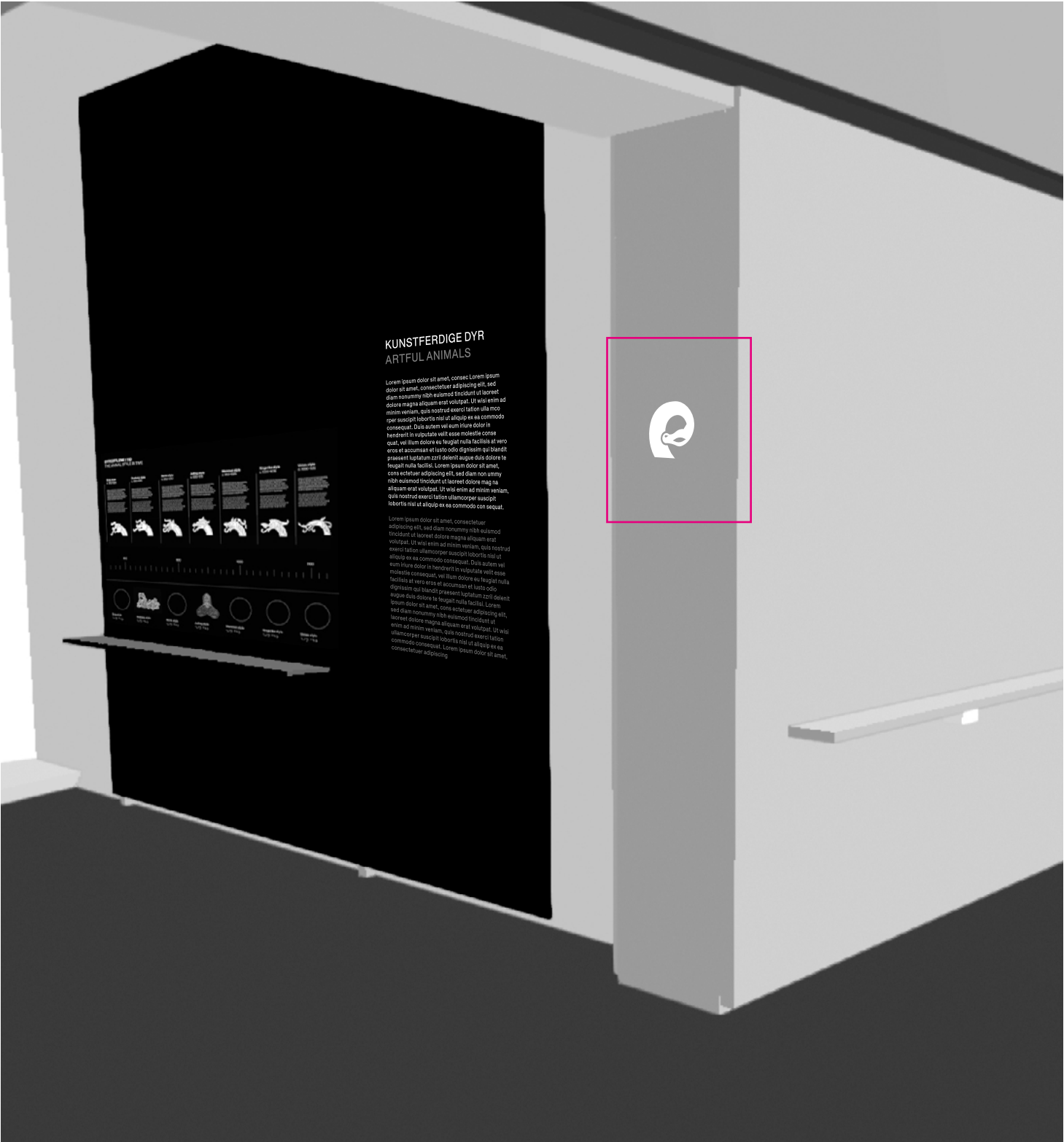


Sign code	A4
Description	Front-of-house door sign
Location	Various, refer to sign location plans Shown location (0-A4-1)
Specification	Screen-printed letterforms to door surface to match RAL 9016 Traffic white
Fixing	Screen-printed in-situ directly to door Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	25mm cap height
Quantity	7no.
Note	–
Sampling	–

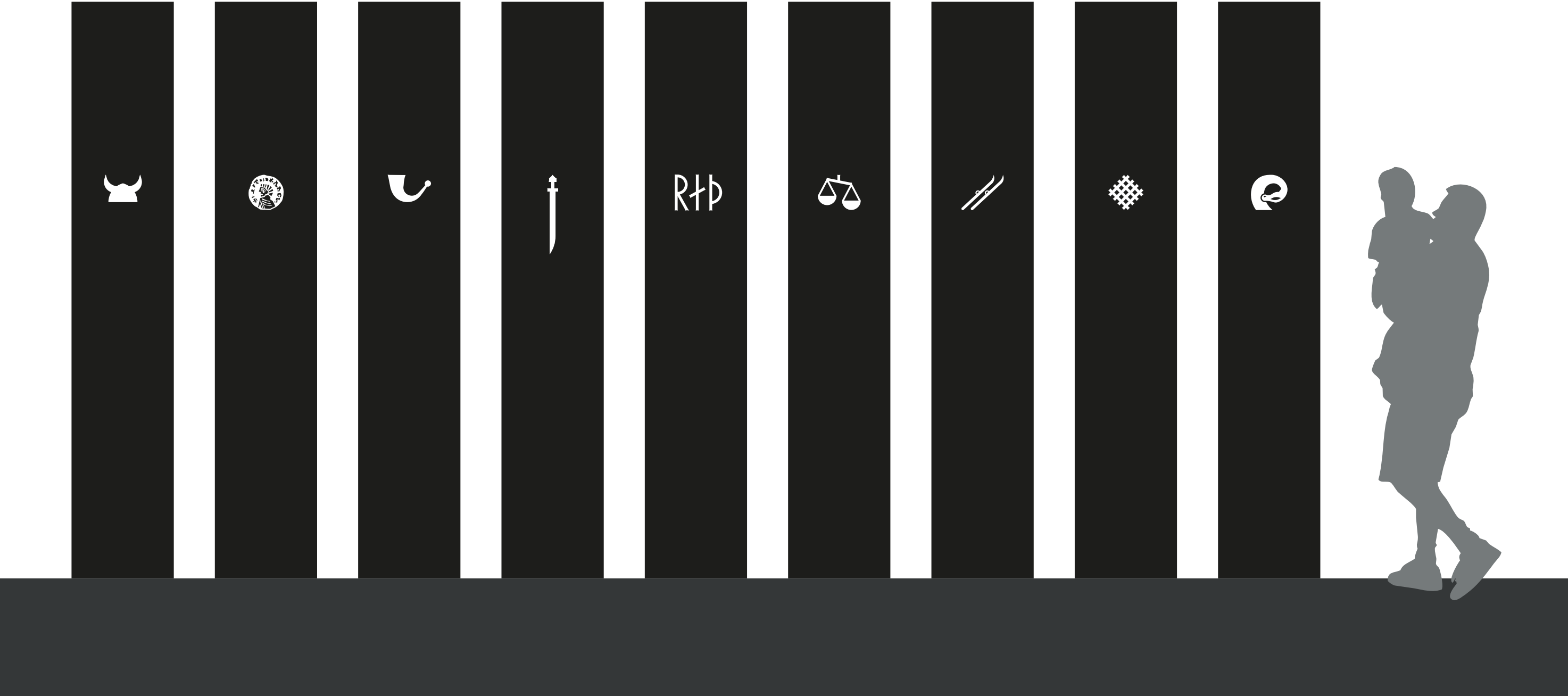


Exhibition narrative
family

Sign code	B1
Description	Exhibition experience title
Location	Various, refer to sign location plans Artful Animals (1-B1-1)
Specification	Heat-applied vinyl icon to match RAL 9016 Traffic white
Fixing	Heat-applied in-situ directly to blackened steel wall Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	150mm icon height (1no. artwork 180mm)
Quantity	9no.
Note	–
Sampling	2no. heat-applied vinyl icons applied to sample section of blackened steel wall surface



Sign code	B1
Description	Exhibition experience title



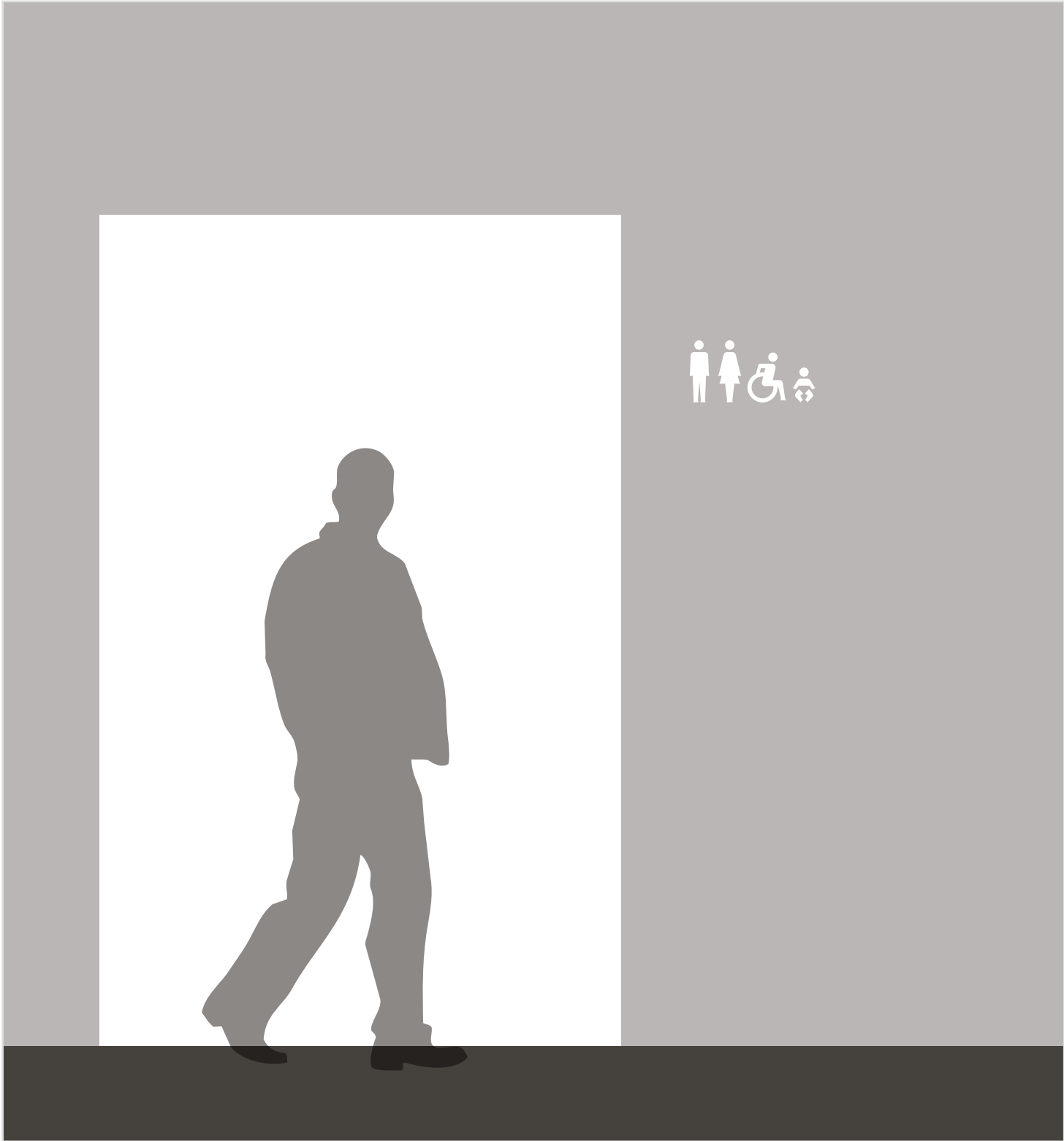
Facilities family

Sign code	C1
Description	Facilities entrance sign
Location	Various, refer to sign location plans
Specification	Screen-printed letterforms to wall surface to match RAL 9016 Traffic white or RAL 7021 Black grey
Fixing	Screen-printed in-situ directly to wall Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	120mm icon height 250mm icon height (2no.)
Quantity	11no.
Note	Please cost for alternative specification of heat-applied vinyl
Sampling	–

Reference



Sign code	C1
Description	Facilities entrance signs
Location	Shown here: Galleries toilets (0-C1-1)

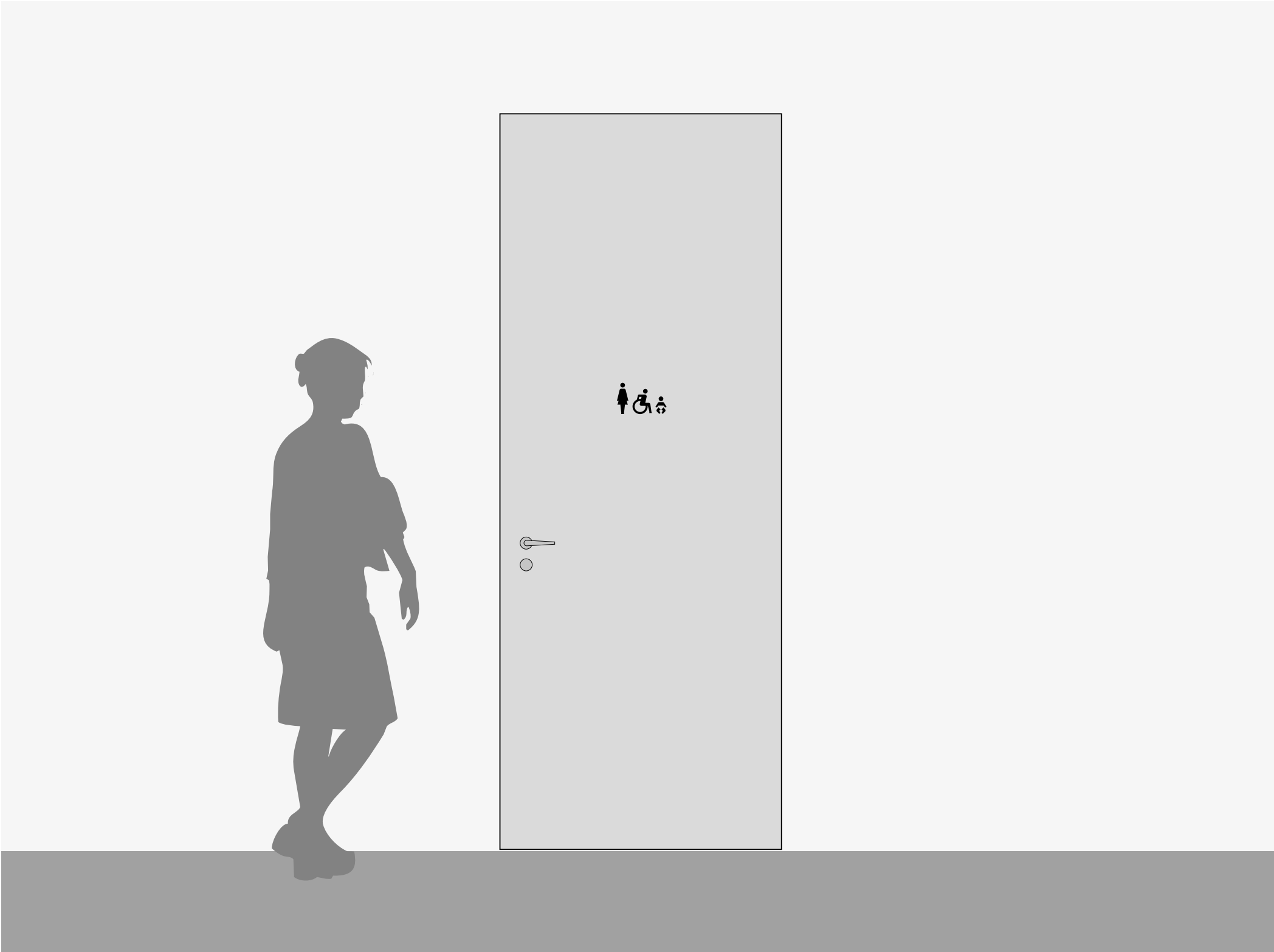


Sign code	C1
Description	Facilities entrance signs (new building)
Location	Restaurant Mezzanine level toilets (1M-C1-1)



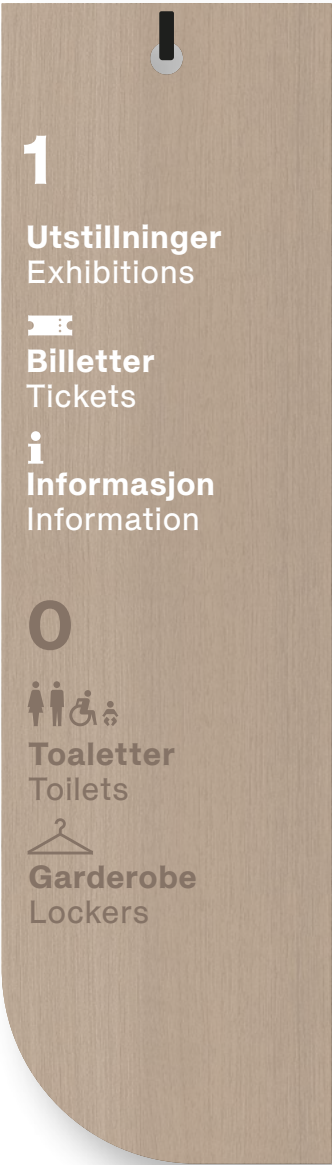
Sign code	C2
Description	Facilities door sign
Location	Various, refer to sign location plans
Specification	Screen-printed icons to door surface to match RAL 9016 Traffic white or RAL 7021 Black grey
Fixing	Screen-printed in-situ directly to door Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	100mm icon height
Quantity	13no.
Note	Please cost for alternative specification of heat-applied vinyl
Sampling	–

Reference



Directional family

Sign code	D1
Description	Level directory
Location	Various, refer to sign location plans Shown location (1-D1-4)
Specification	Light oak veneer timber panel (to match furniture elements from architectural package) with circular aperture at top, screen-printed icons and letterforms to match RAL TBC and RAL TBC. 1no. 3mm water-jet cut aluminium level number powder-coated to match RAL TBC
Fixing	Panel to be hung from hook (refer to hook detail on page 56) with concealed fixing back to the wall behind panel at lower level, to be as discreet as possible Fabricator to survey and propose suitable fixing method of hook detail to support weight of panel for approval with allowance for technical drawing and development
Dimension	300mm (w) x 1055mm (h) x 10mm (d) 20mm cap height, 40mm cap height
Quantity	4no.
Note	Coordination required with architects to ensure match of light oak used Wall surfaces in some locations are curved, fabricator to survey
Sampling	Included as part of pre-procurement task. Refer to page XX



Tactile level number marking the current level

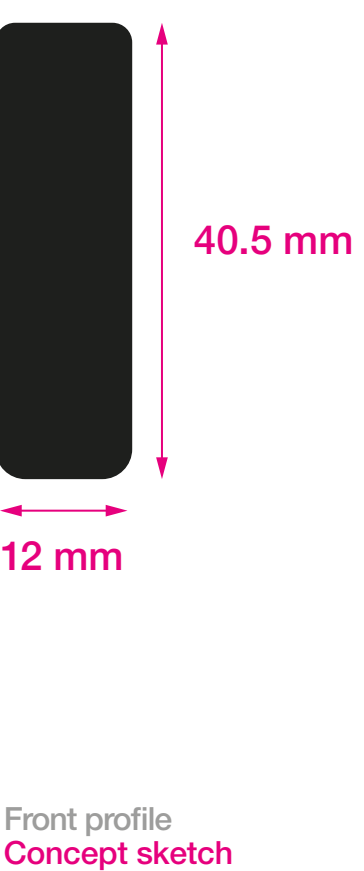
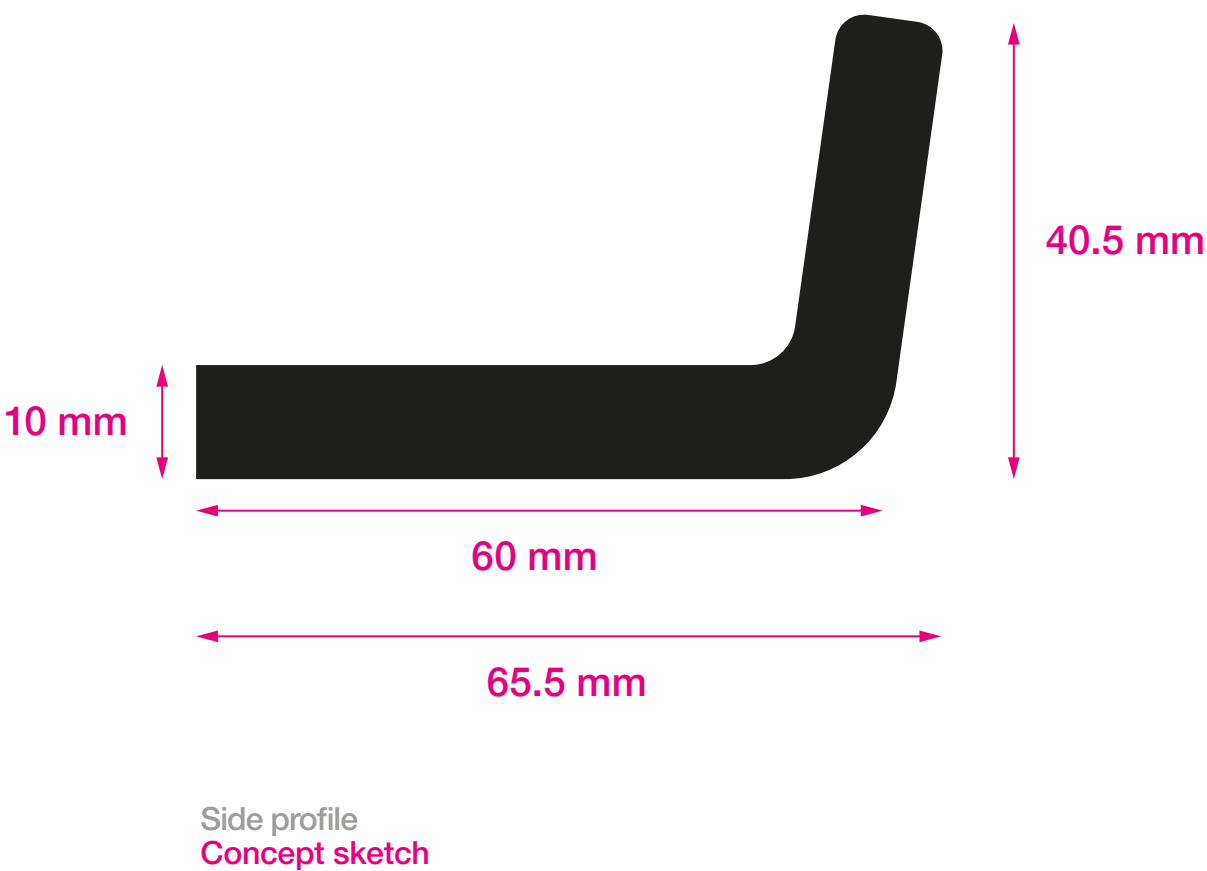


Sign code	D1
Description	Level directory
Note	These samples were created at design development stage (the stain of the timber is too dark and the arrow will be screenprinted rather than routed and infilled) – to be used as reference for construction only.

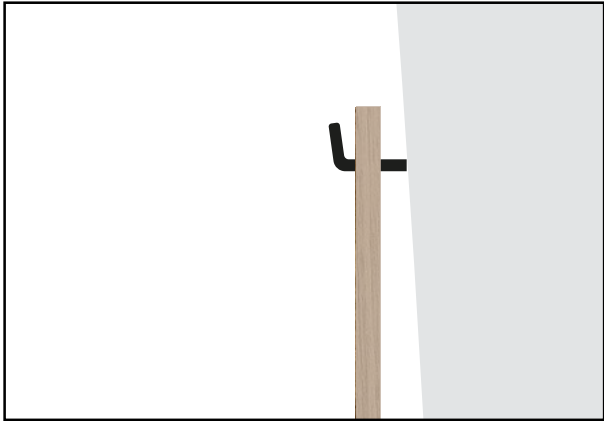
Design development samples



Sign code	D1
Description	Panel sign hook detail
Location	Various, refer to sign location plans All locations where D1 and D3 appear
Specification	Wrought iron hook to support timber panel sign types D1 and D3 (refer to specifications on pages 54 and 58)
Fixing	Fabricator to survey and propose suitable fixing method of hook detail to support weight of panel for approval with allowance for technical drawing and development. Hook to be fixed to wall surfaces with invisible fixings
Dimension	65.5mm (w) x 40.5mm (h) x 10mm (d)
Quantity	14no.
Note	Dimensions are indicative and subject to testing to ensure strength and suitability to take weight of D1 and D3 panels. Fabricator to advise.
Sampling	Included as part of pre-procurement task. Refer to page XX



Panel hanging detail



Internal signage
Directional family

Type D2
In-car lift directory

Intent level only. All dimensions are approximate.
Not to be used for manufacture. Fabricator to check
quantities against sign location plans.

Sign code	D2
Description	In-car lift directory
Location	All public lifts, refer to sign location plans
Specification	Screen-printed icons and letterforms to internal lift car wall surface to match RAL 9016 Traffic white
Fixing	Screen-printed in-situ directly to internal lift car wall surface Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	20mm cap height, 40mm cap height
Quantity	5no.
Note	Coordination required with lift car contractor Please cost for alternative specification of heat-applied vinyl
Sampling	1no. sample artwork screen-printed to sample section of internal lift car wall surface

Lift interiors detail



ZURICH DARK BRUSHED

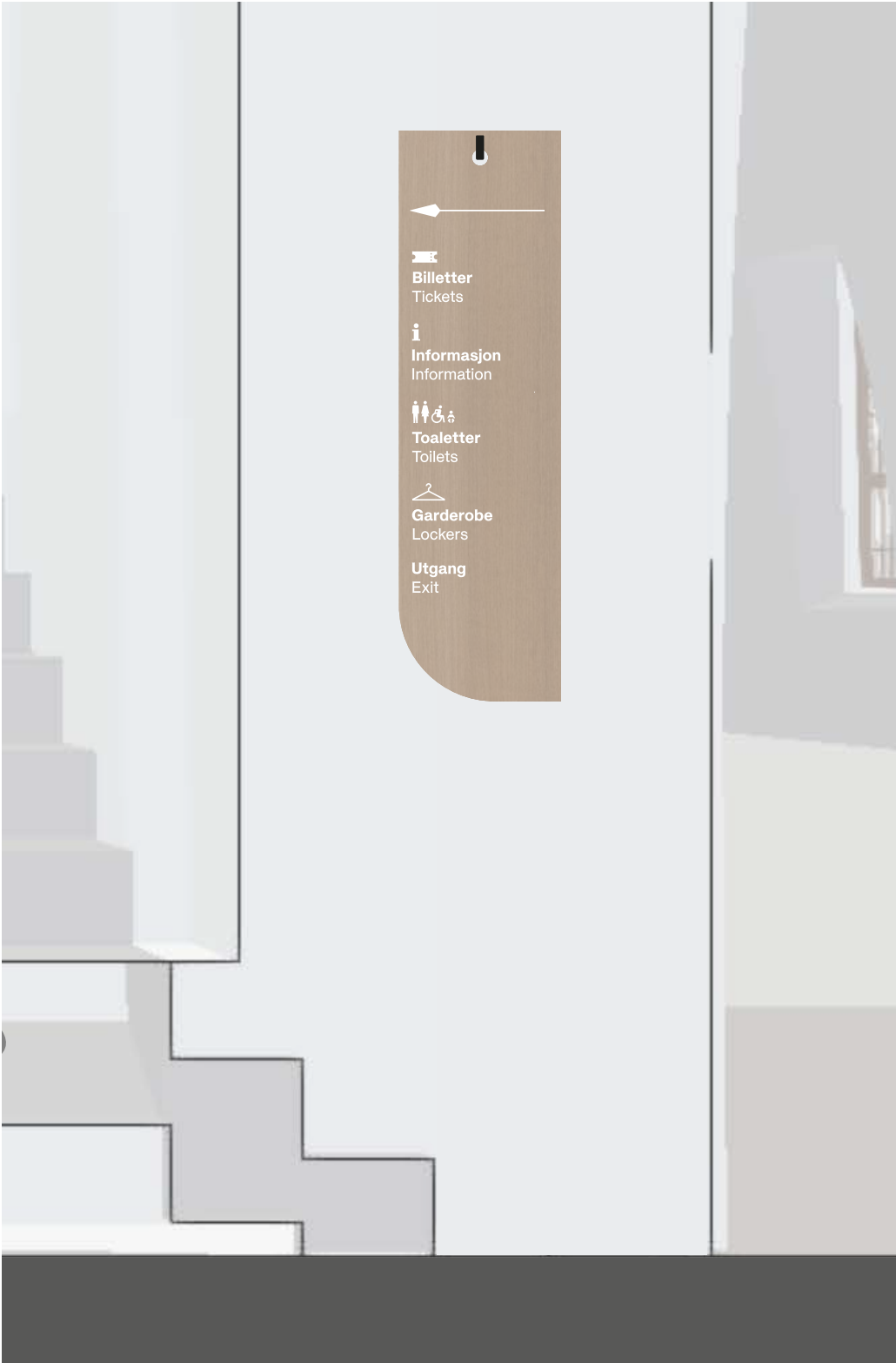


Placeholder visual

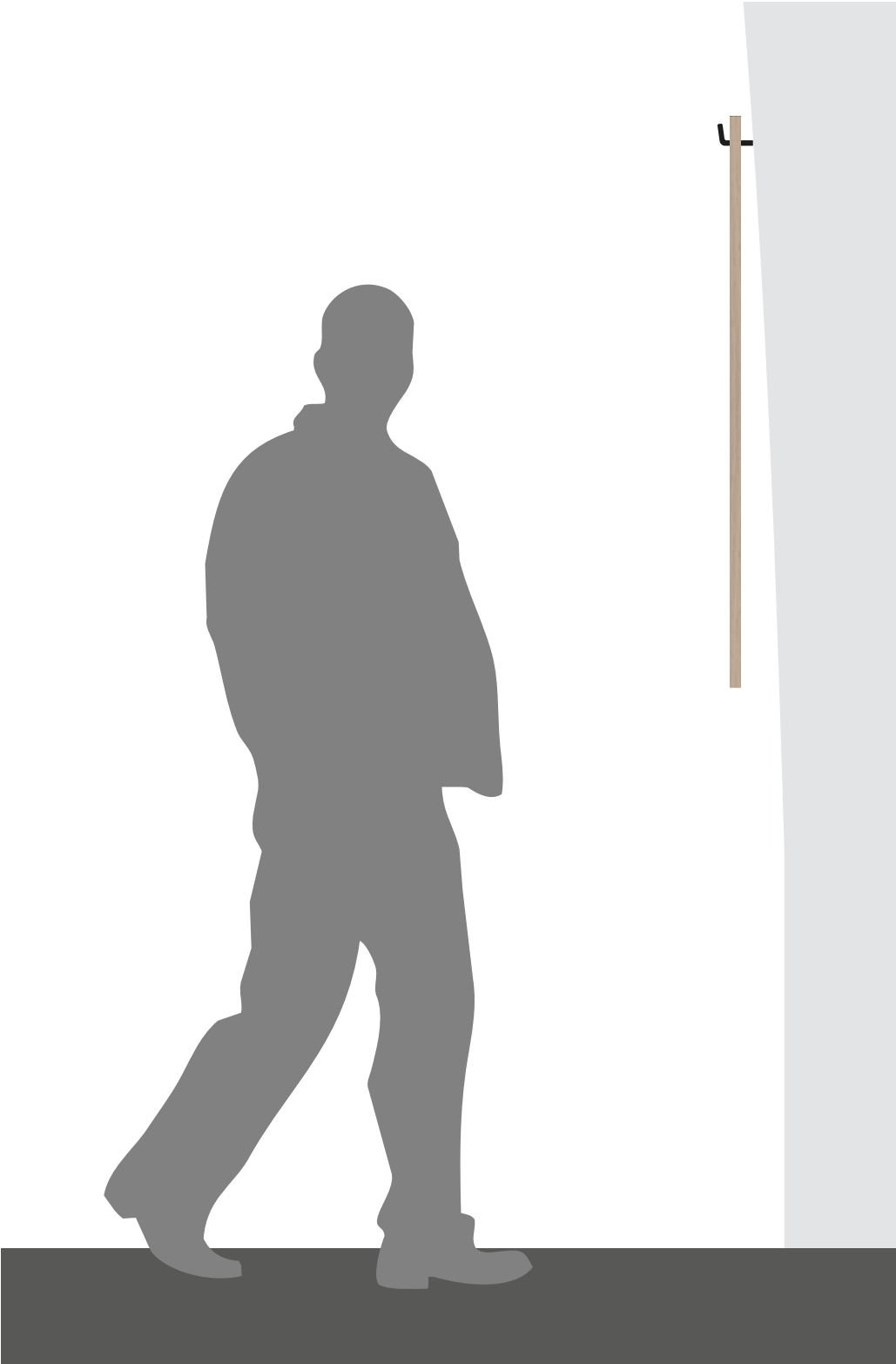


Sign code	D3
Description	Directional panel sign (standard)
Location	Various, refer to sign location plans Shown location (1-D3-5)
Specification	Light oak veneer timber panel (to match furniture elements from architectural package) with circular aperture at top, screen-printed icons and letterforms to match RAL TBC and RAL TBC
Fixing	Panel to be hung from hook (refer to hook detail on page 56) with concealed fixing back to the wall behind panel at lower level, to be as discreet as possible Fabricator to survey and propose suitable fixing method of hook detail to support weight of panel for approval with allowance for technical drawing and development
Dimension	300mm (w) x 1055mm (h) x 10mm (d) 20mm cap height
Quantity	8no.
Note	Coordination required with architects to ensure match of light oak used Wall surfaces in some locations are curved, fabricator to survey
Sampling	–

Front view



Side view

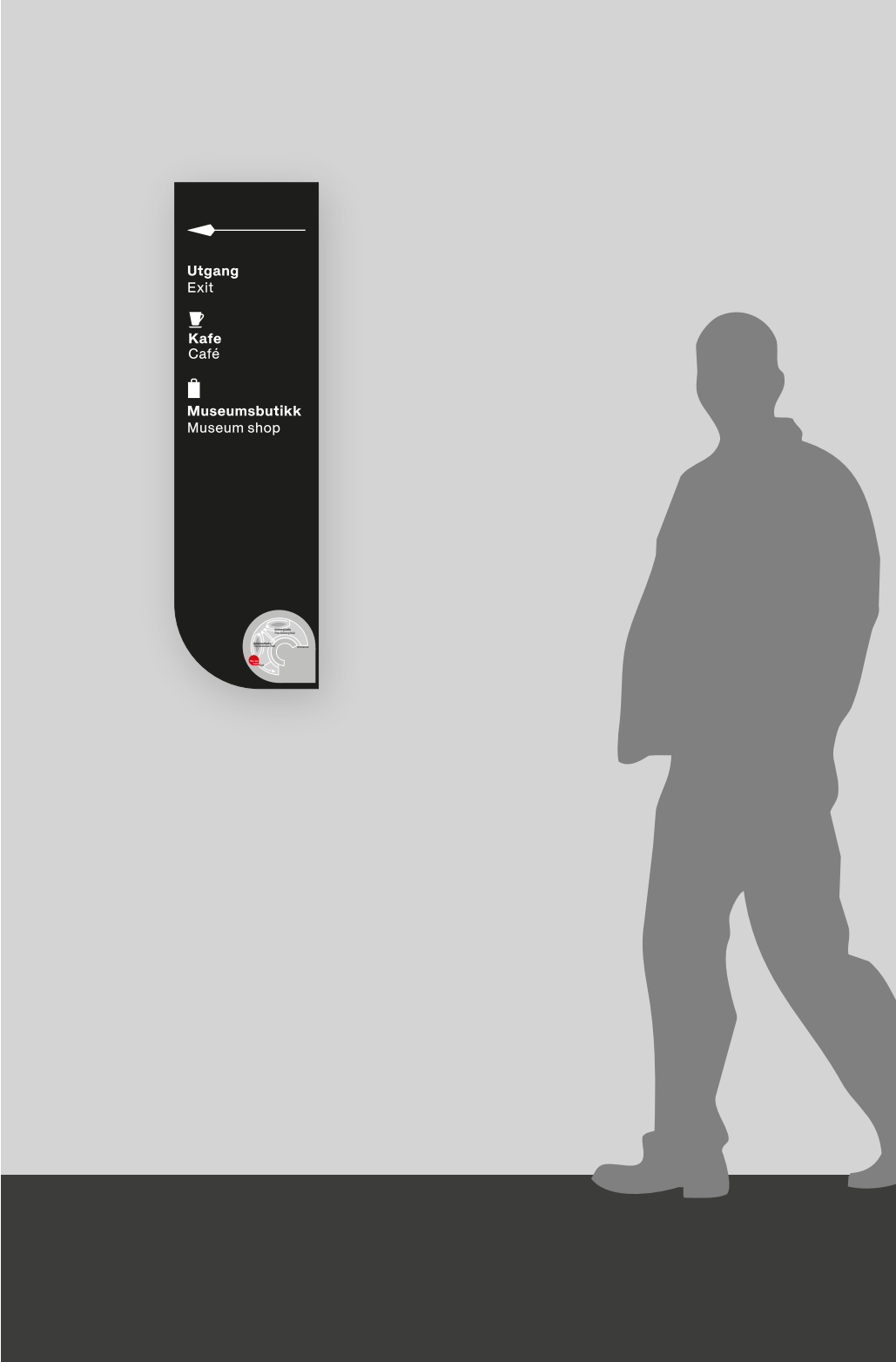


Sign code	D4
Description	Directional panel sign (galleries)
Location	Various, refer to sign location plans Shown location (1-D4-5)
Specification	10mm aluminium panel powder-coated to match RAL 7021 Black grey, with screen-printed icons, letterforms and map in 5no. different colours RAL TBC
Fixing	Pinned off 10mm from wall with discreet fixings behind inset from edges to ensure not visible
Dimension	300mm (w) x 1055mm (h) x 10mm (d) 20mm cap height
Quantity	9no.
Note	Wall surfaces in some locations are curved, fabricator to survey Panel in location 1-D4-5 requires bespoke fixings to extend back to the concrete wall behind textile panel, ensuring panel sits correct distance from textile wall (refer to reference image on page 60)
Sampling	1no. powder-coated panel with sample artwork screen-printed in 5no. different RAL colours, fixed to suitable back-of-house wall surface

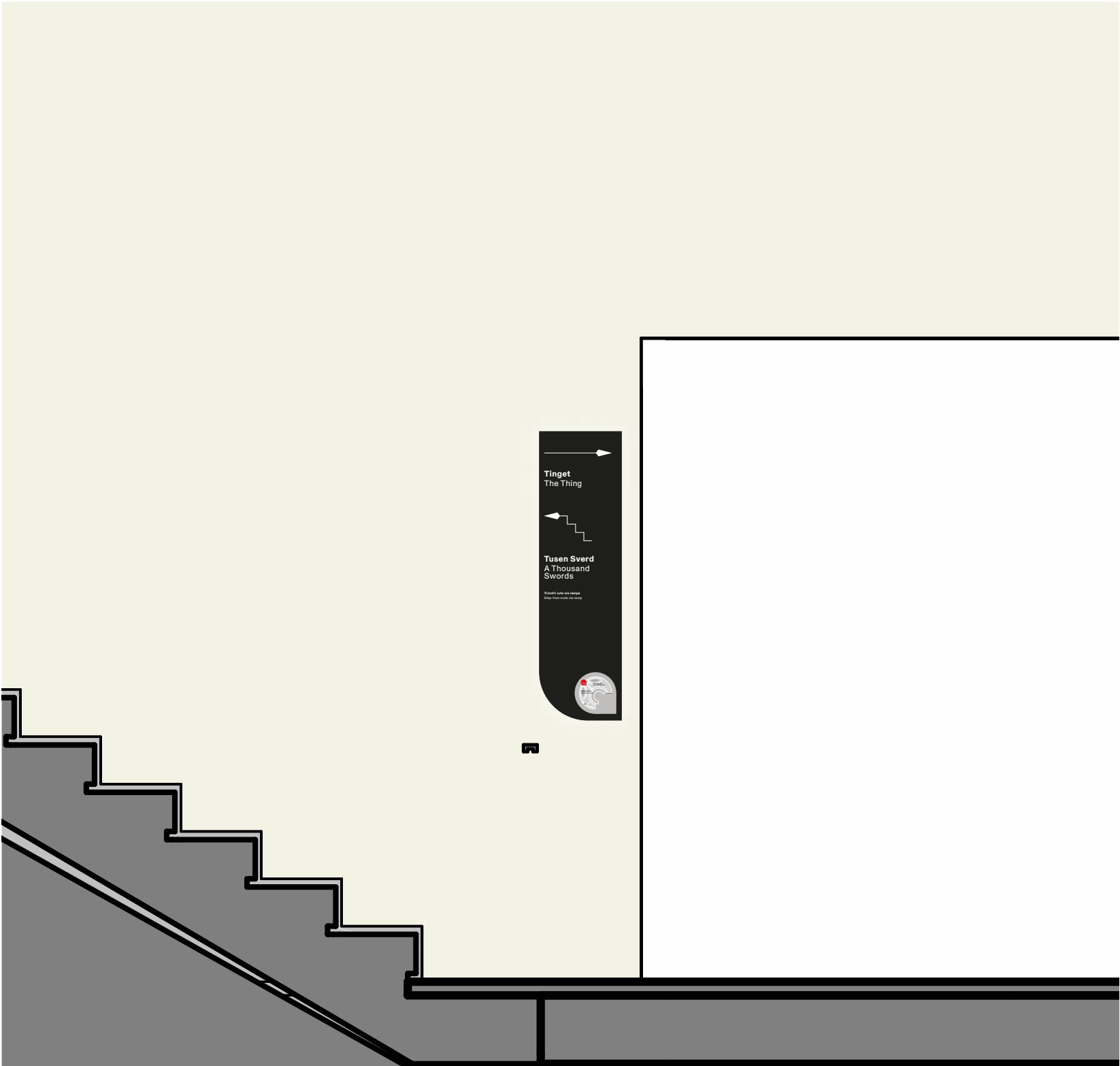


Sign code	D4
Description	Directional panel sign (galleries)
Location	Exit from galleries, level 1 (1-D4-5)
Note	Panel sign 1-D4-5 requires a special bracket to fix it to the concrete wall behind textile panel, to make sure the panel sits the correct distance away from the wall. Detail tbc.

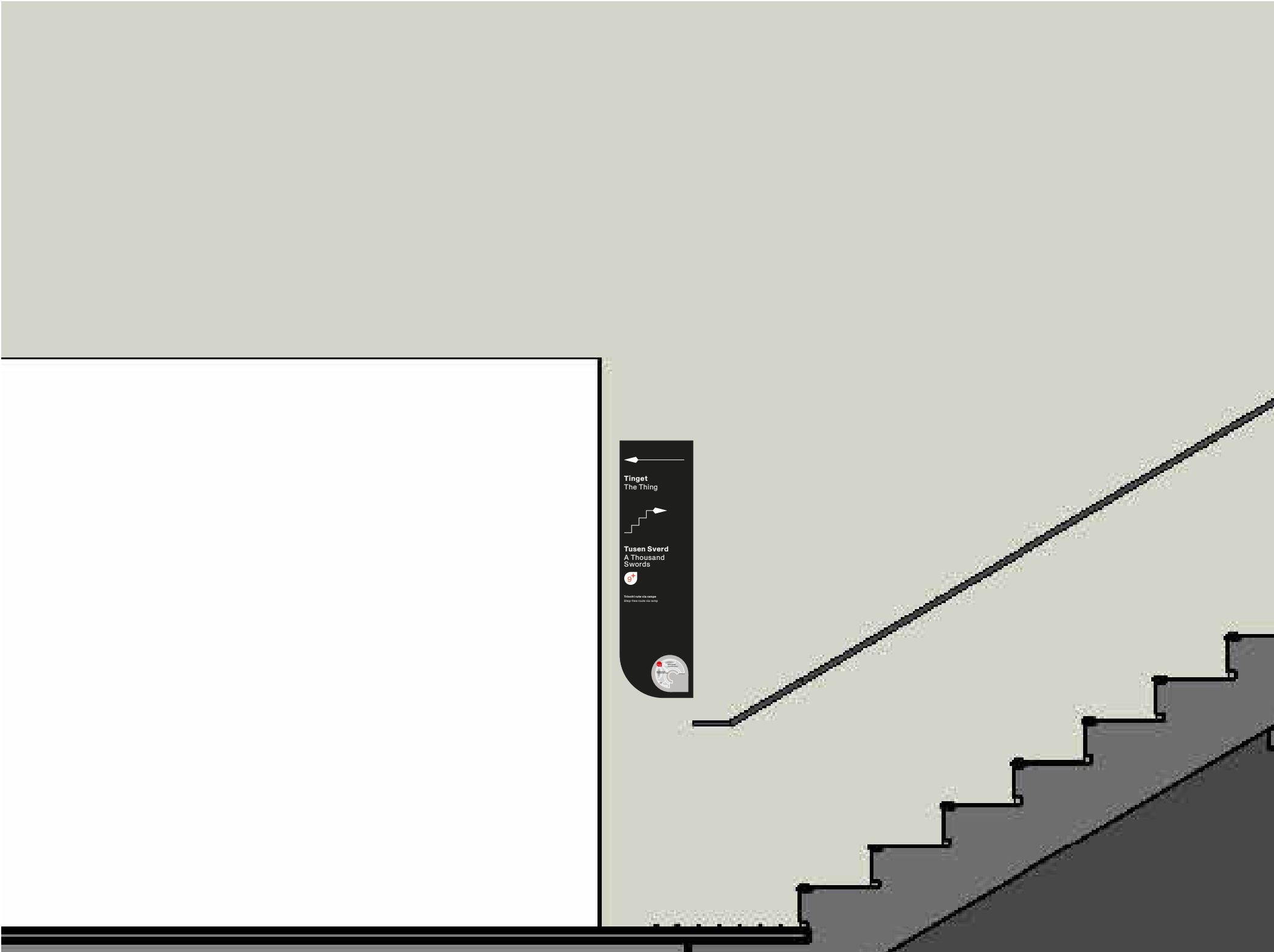
Textile panel detail



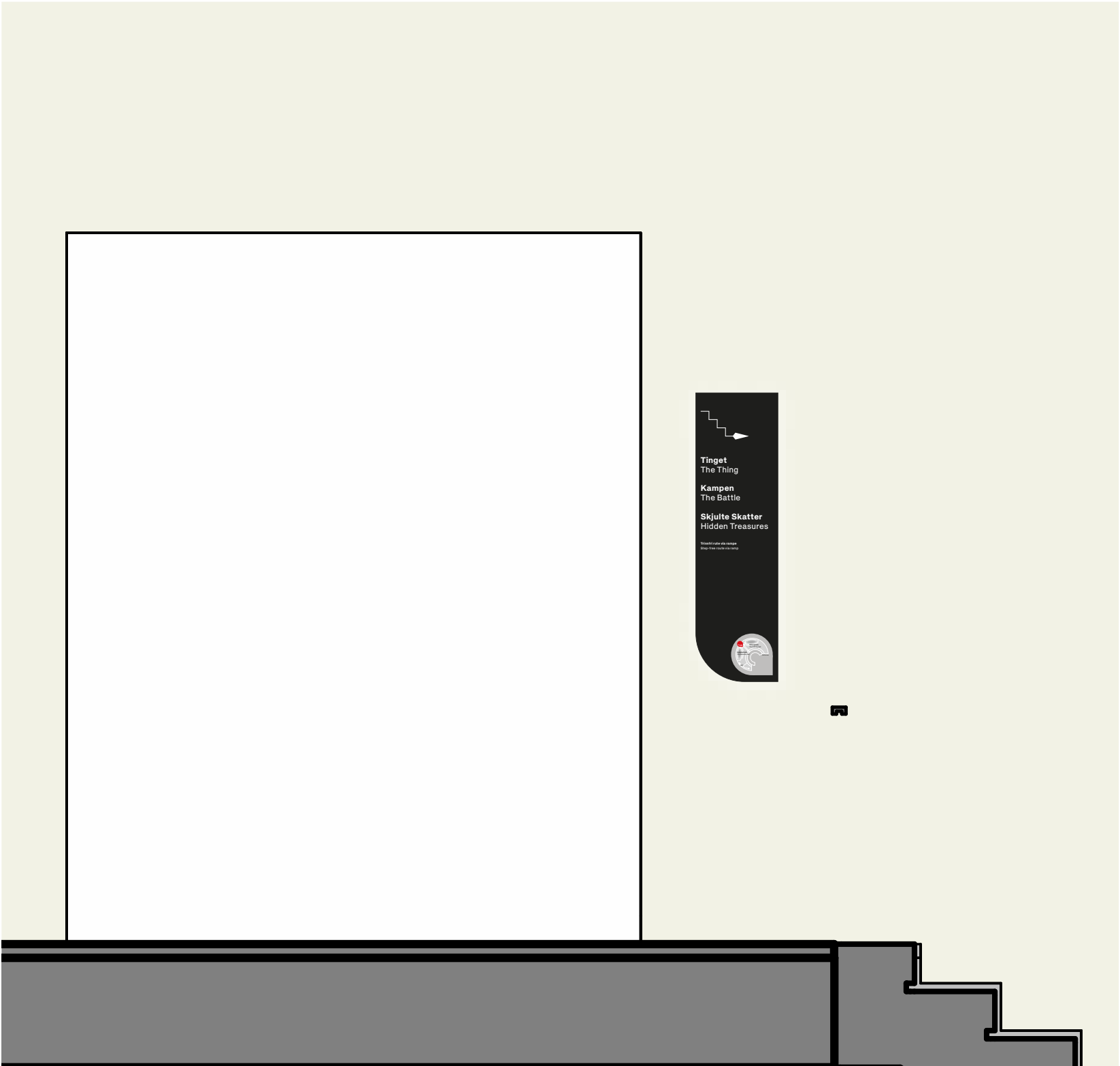
Sign code	D4
Description	Directional panel sign (galleries)
Location	Gable wall mezzanine level, Oseberg Hall (1-D4-1)



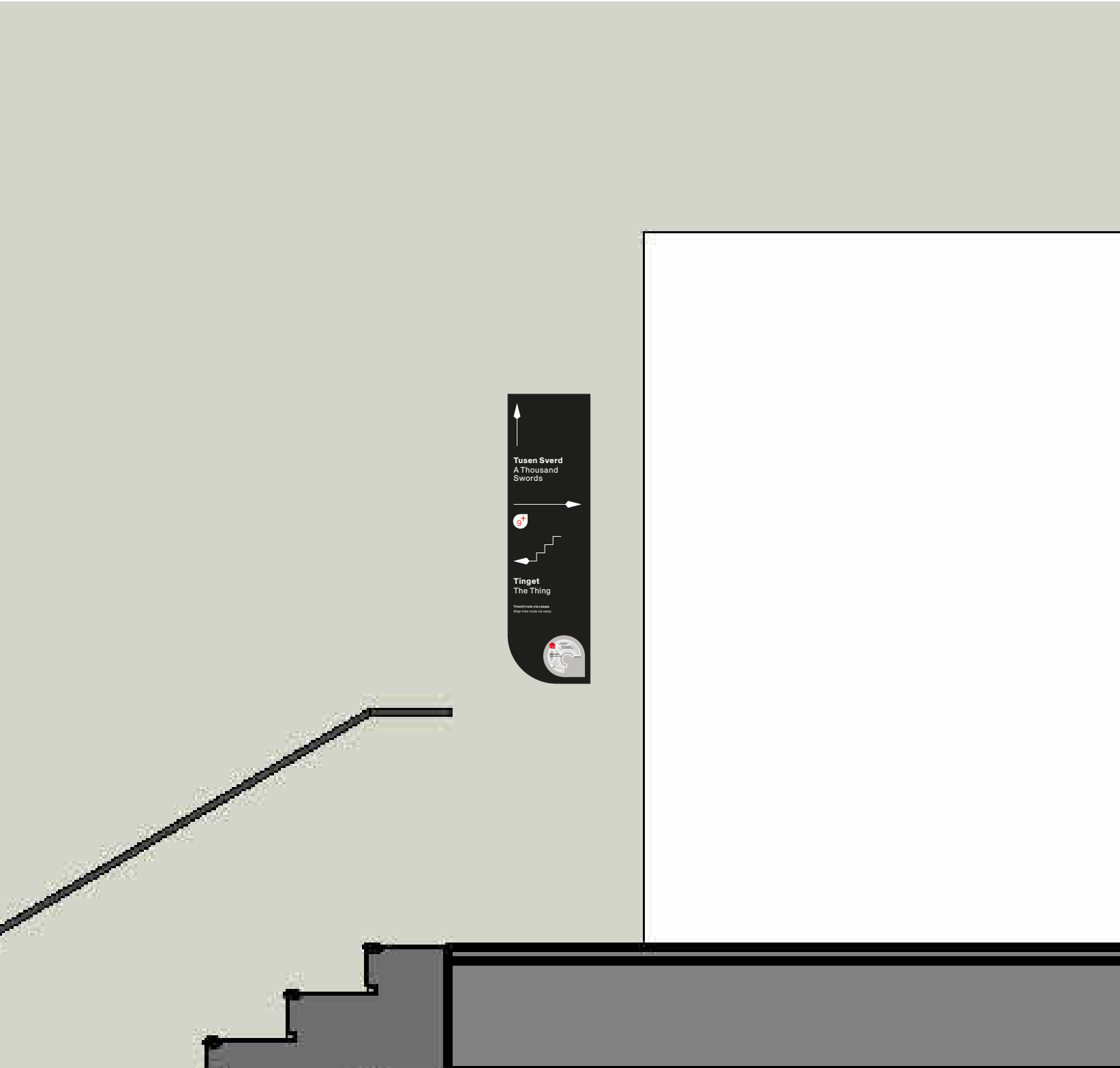
Sign code	D4
Description	Directional panel sign (galleries)
Location	Gable wall mezzanine level, Gokstad Hall (1-D4-2)



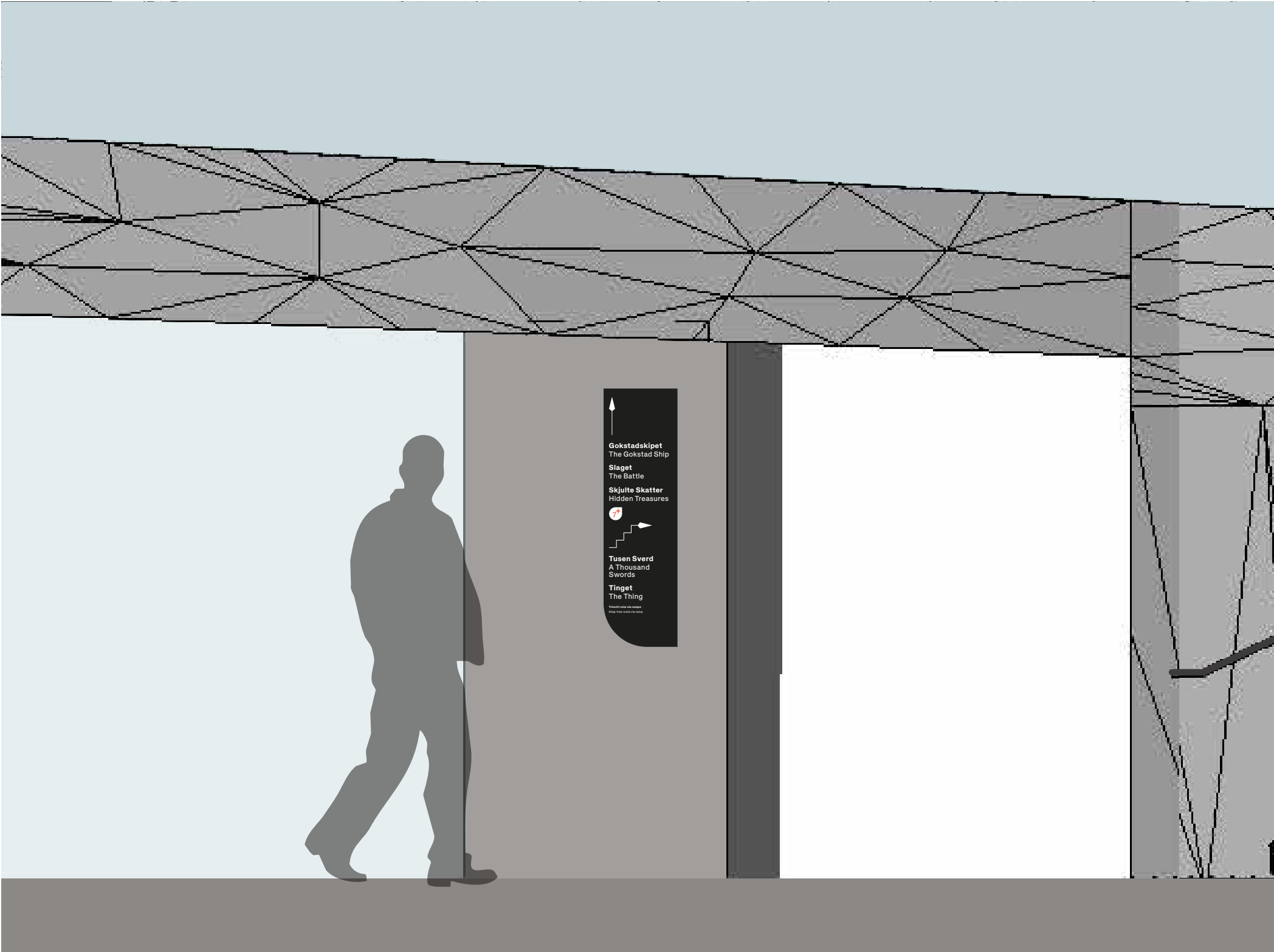
Sign code	D4
Description	Directional panel sign (galleries)
Location	Gable wall level 1, Oseberg Hall (1-D4-3)



Sign code	D4
Description	Directional panel sign (galleries)
Location	Gable wall level 1, Gokstad Hall (1-D4-4)



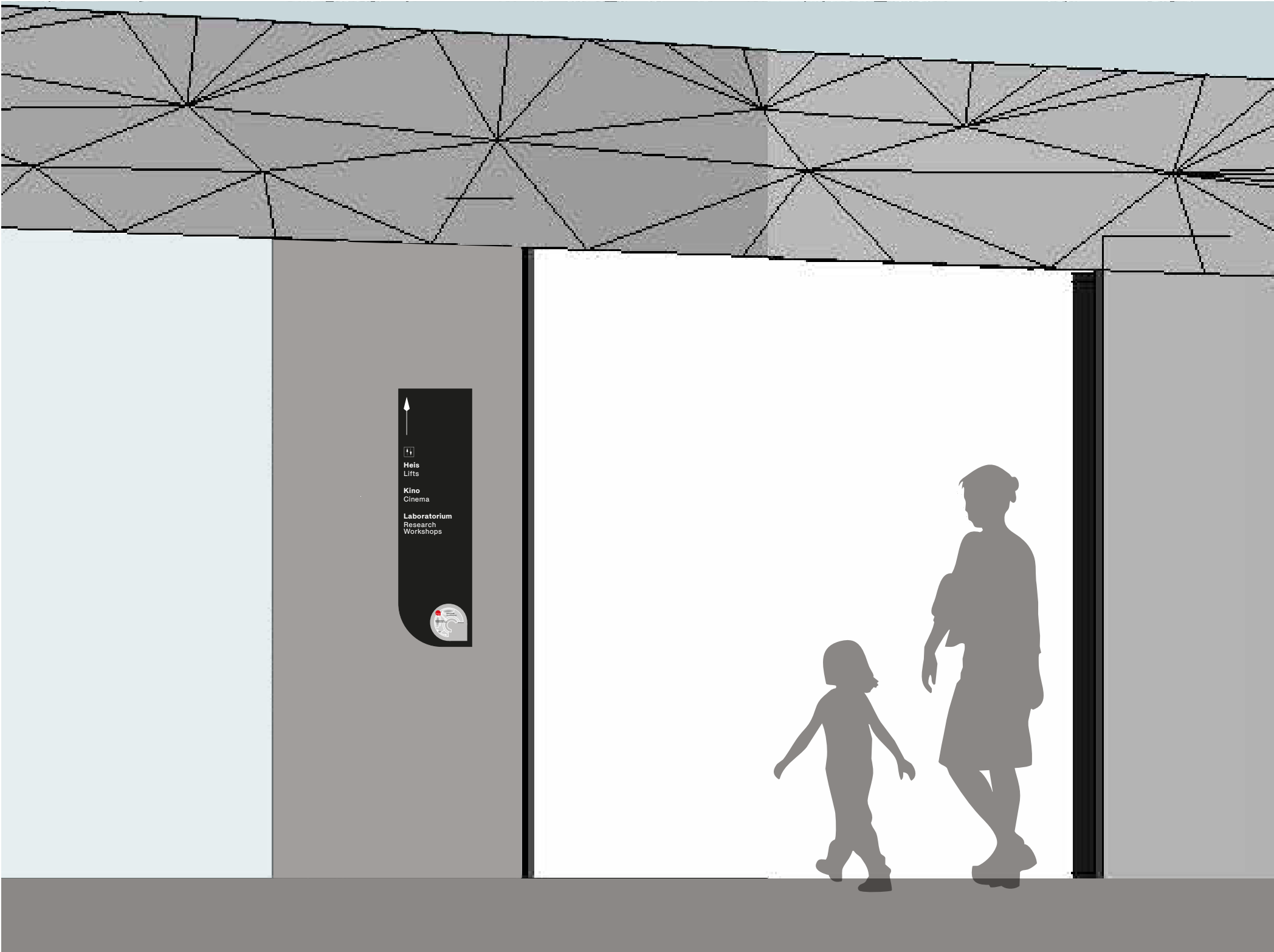
Sign code	D4
Description	Directional panel sign (galleries)
Location	Ramp wall, Oseberg Hall level 0 (0-D4-1)



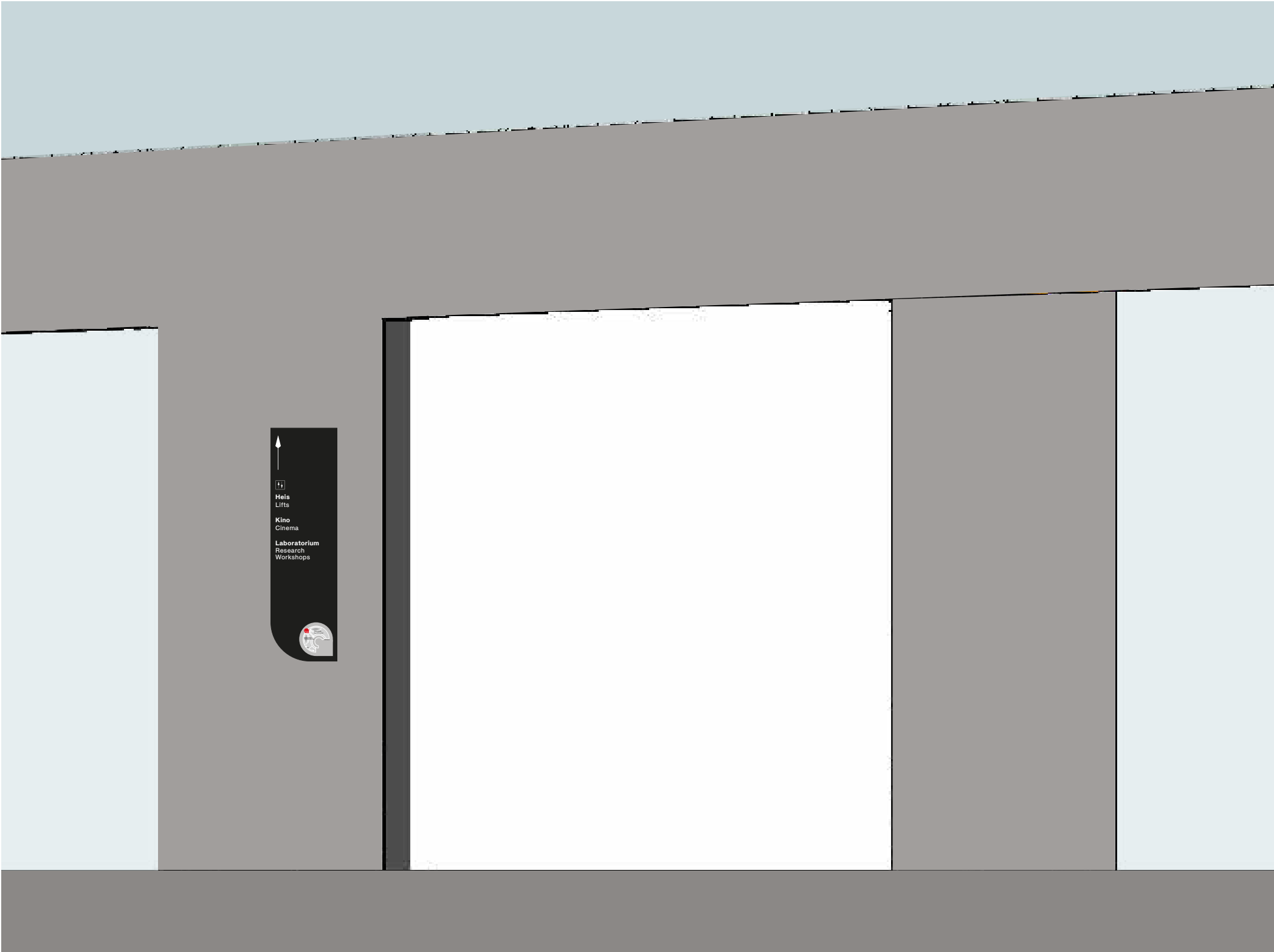
Sign code	D4
Description	Directional panel sign (galleries)
Location	Ramp wall, Gokstad Hall level 0 (0-D4-2)



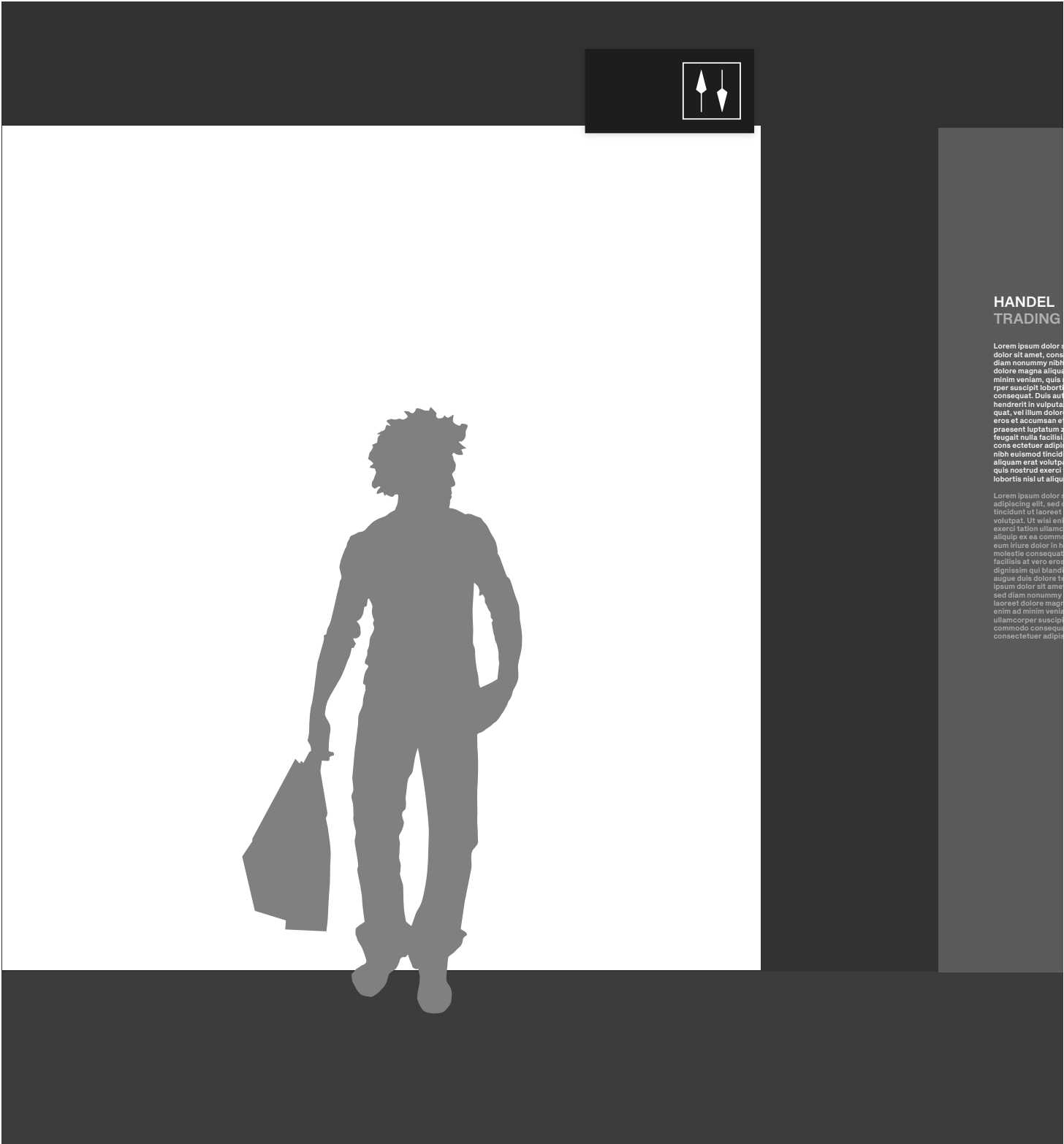
Sign code	D4
Description	Directional panel sign (galleries)
Location	Ramp wall, Oseberg Hall level 0 (0-D4-3)



Sign code	D4
Description	Directional panel sign (galleries)
Location	Ramp wall, Gokstad Hall level 0 (0-D4-4)



Sign code	D5
Description	Directional doorway panel
Location	Various, refer to sign location plans Shown location (1-D5-3)
Specification	3mm folded aluminium panel powder-coated to match RAL 7021 Black grey with screen-printed icon to match RAL 9016 Traffic white
Fixing	Pinned off 10mm from bulkhead above doorway with discreet fixings behind inset from edges to ensure not visible
Dimension	500mm (w) x 250mm (h) x 3mm (d)
Quantity	4no.
Note	–
Sampling	1no. powder-coated folded metal panel with screen-printed icon



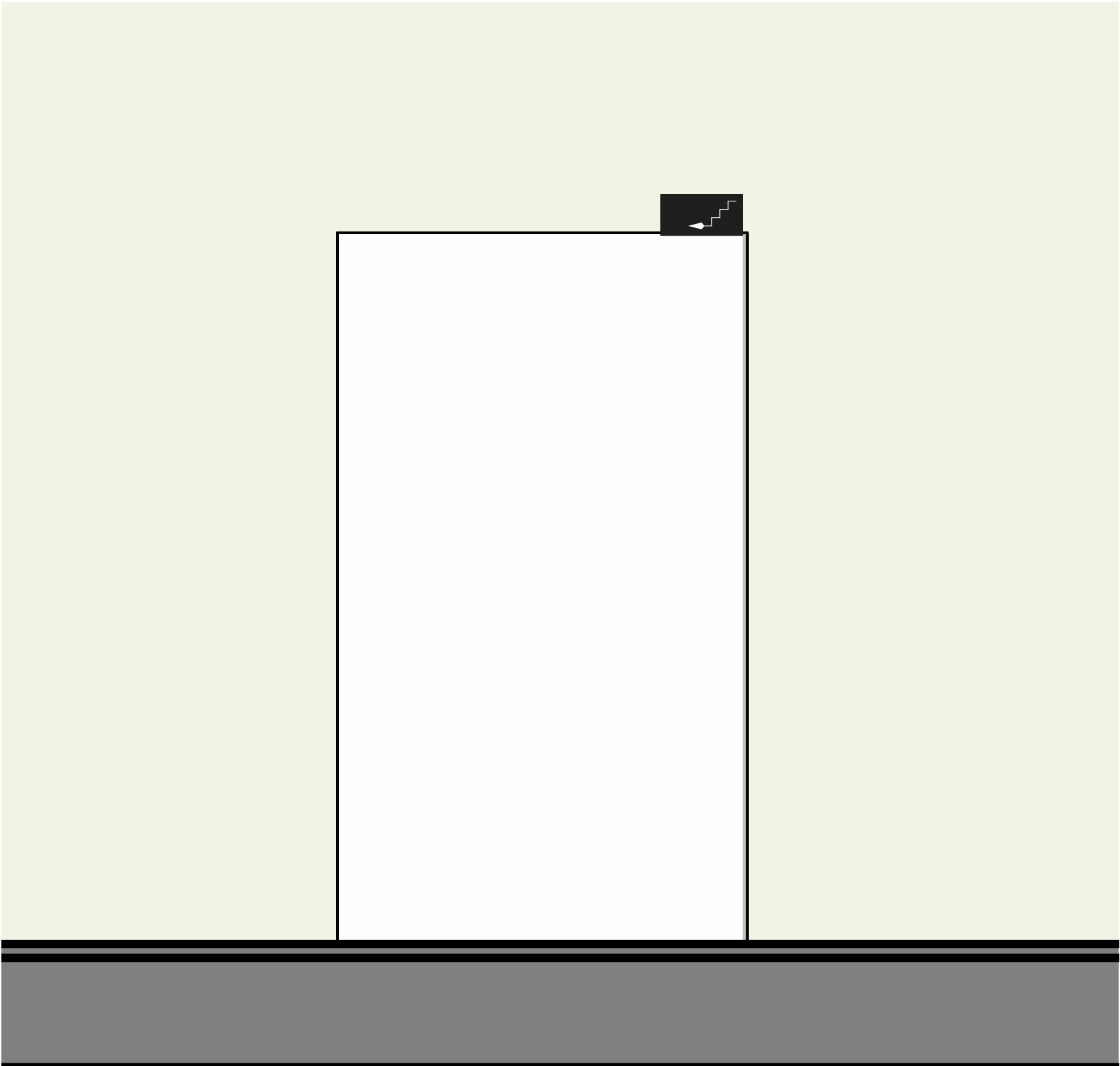
Angled view



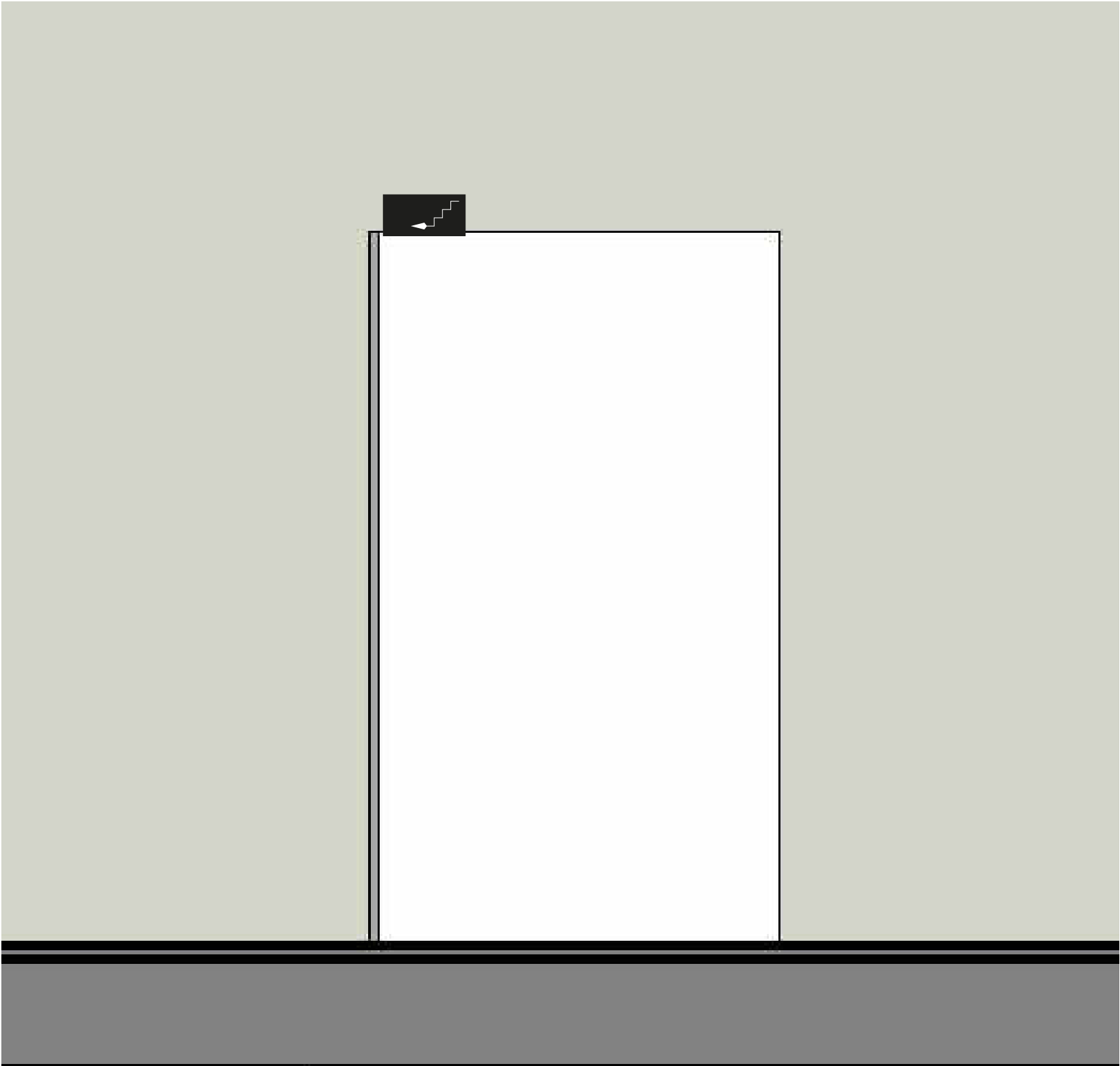
Side view



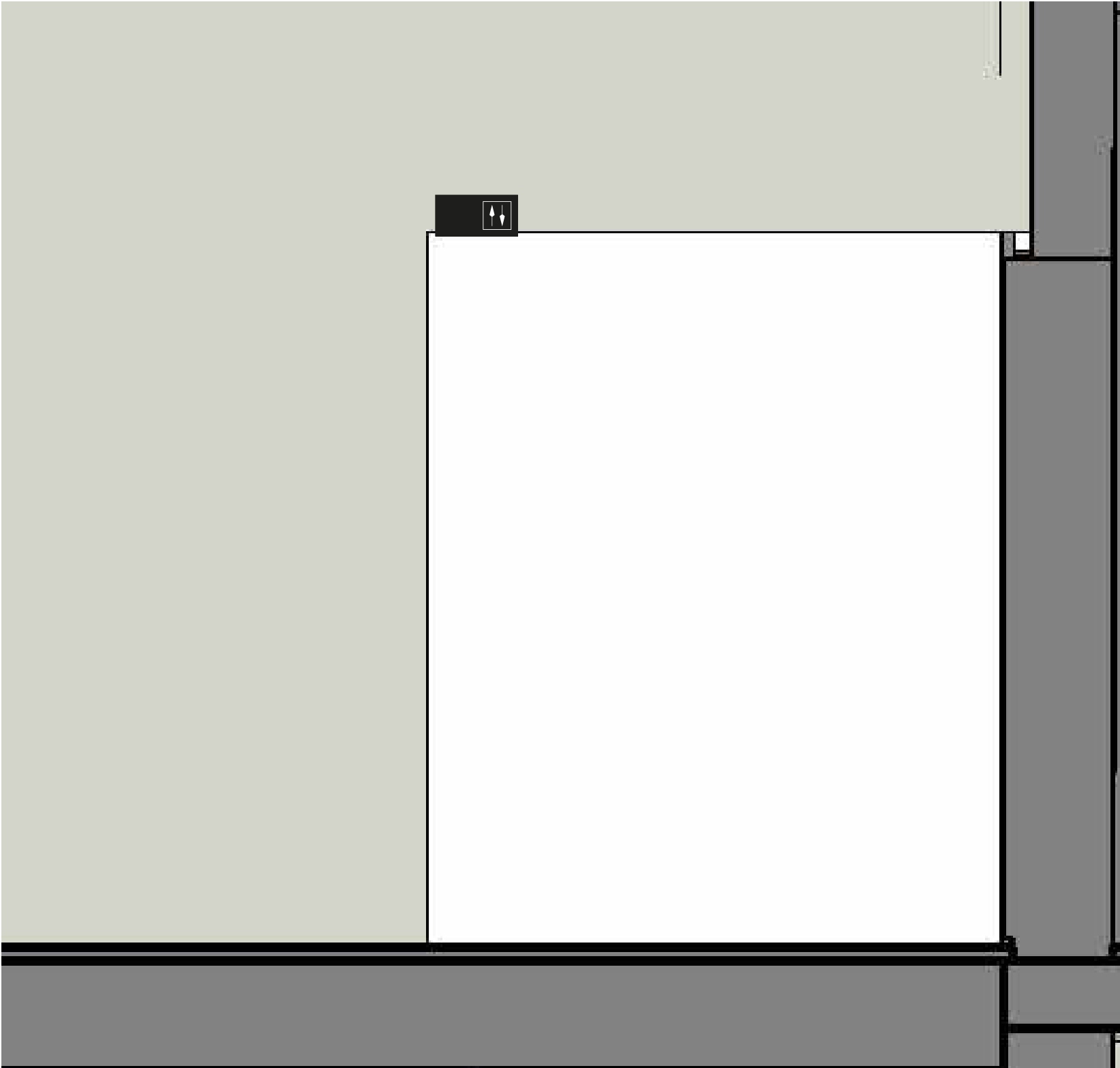
Sign code	D5
Description	Directional doorway panel
Location	Gable wall Oseberg Hall, level 1 (1-D5-1)



Sign code	D5
Description	Directional doorway panel
Location	Gable wall Gokstad Hall, level 1 (1-D5-2)

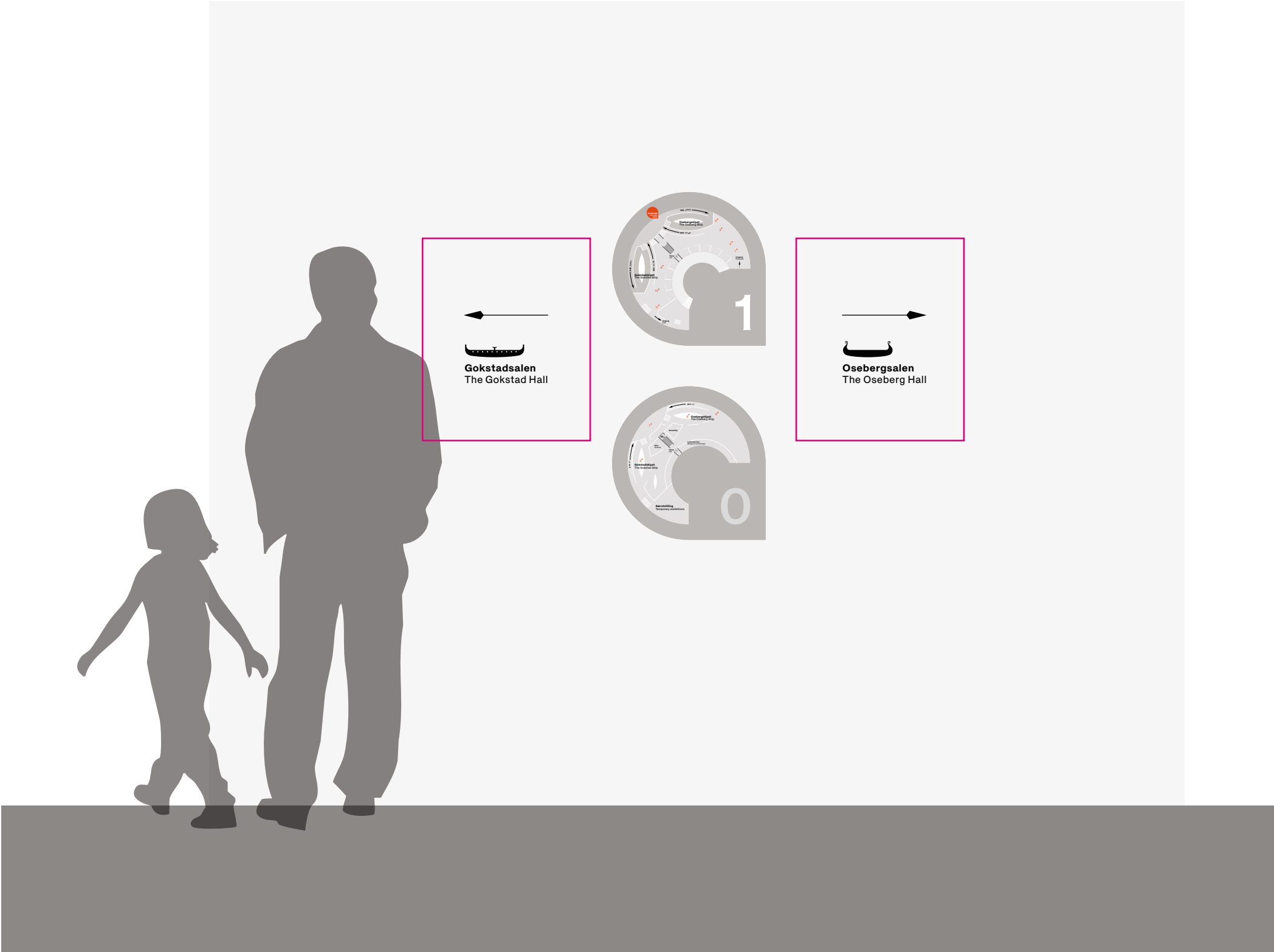


Sign code	D5
Description	Directional doorway panel
Location	Gable wall Gokstad Hall, level 1 (1-D5-4)



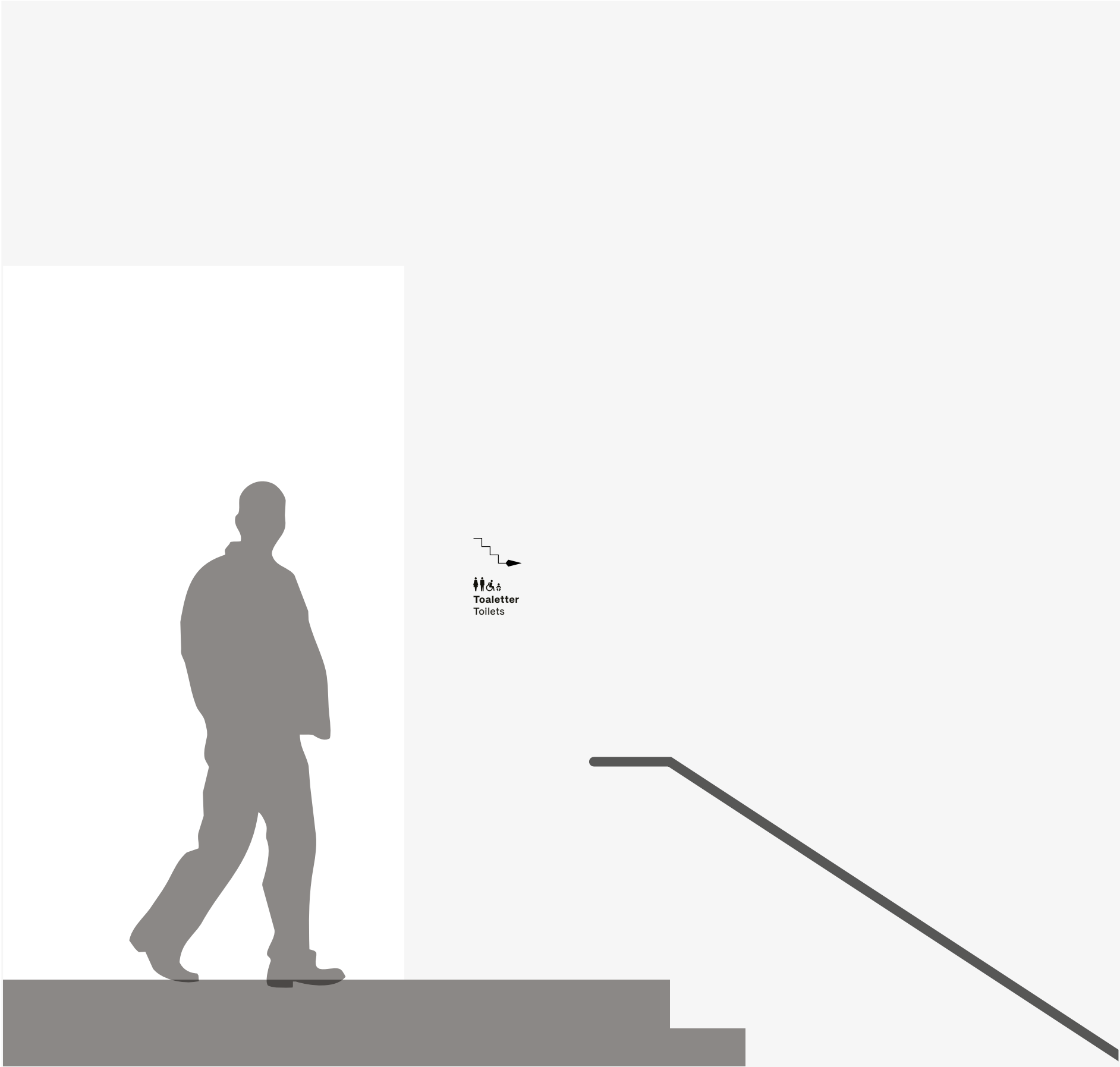
Sign code	D6
Description	Directional sign (printed)
Location	Various, refer to sign location plans
Specification	Screen-printed letterforms and icons to wall surface to match RAL 9016 Traffic white or RAL 7021 Black grey
Fixing	Screen-printed in-situ directly to wall Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	25mm cap height
Quantity	27no.
Note	Please cost for alternative specification of heat-applied vinyl
Sampling	–

Reference



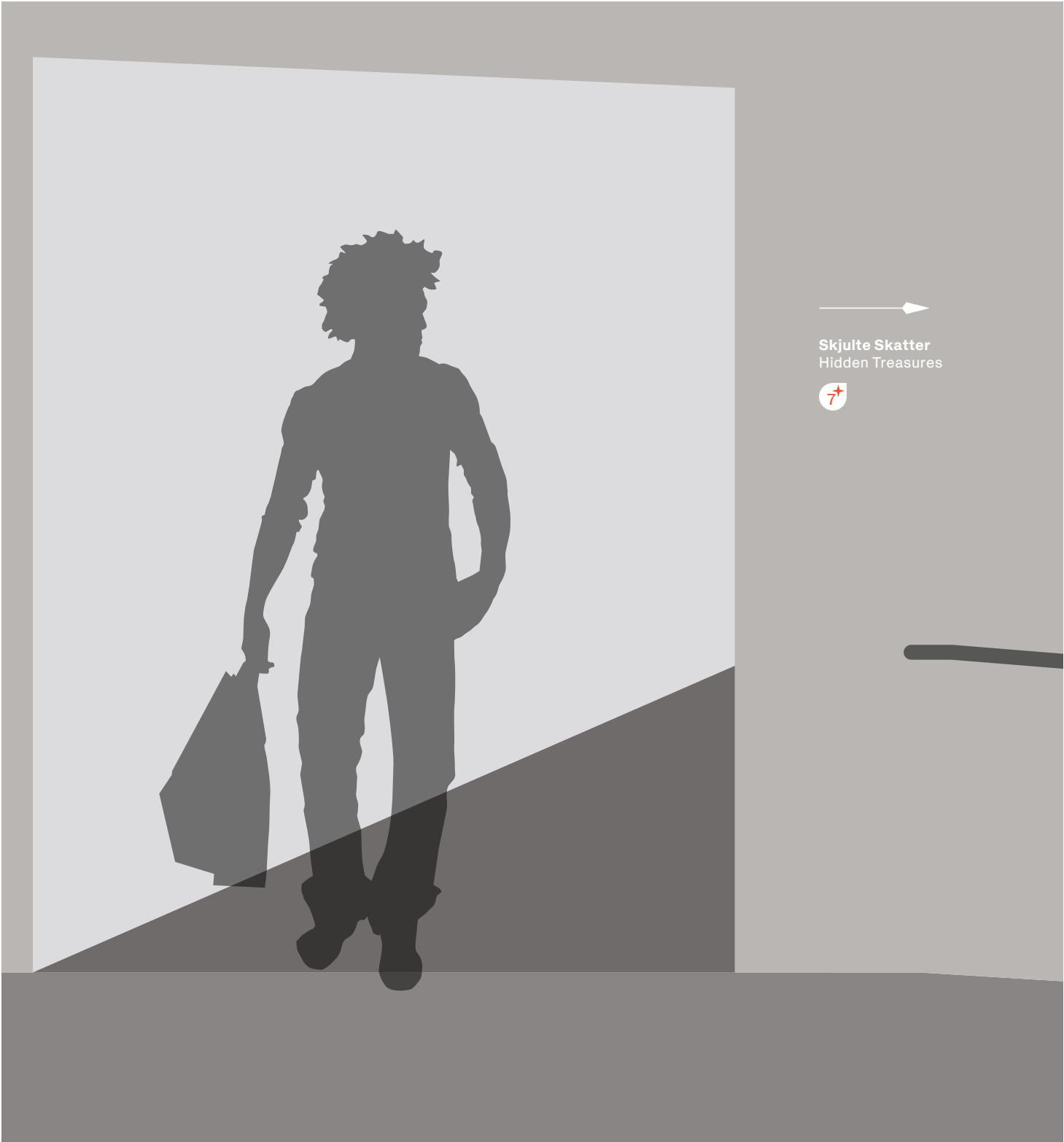
Sign code	D6
Description	Directional sign (printed)
Location	Top of stairs in Gable wall (1-D6-6)

Reference



Sign code	D6
Description	Directional sign (printed)
Location	Hidden Treasures (0-D6-1)

Reference



Sign code	D7
Description	Lift identification sign
Location	Various, refer to sign location plans Shown location (1-D7-1)
Specification	3mm folded aluminium panel powder-coated to match RAL 7021 Black grey with screen-printed icon to match RAL 9016 Traffic white
Fixing	Pinned to timber lift surround with discreet fixings
Dimension	500mm (w) x 250mm (h) x 3mm (d)
Quantity	2no.
Note	–
Sampling	–

Reference



Sign code	D9
Description	Level directory (galleries)
Location	Lifts within galleries (Level 0 and 1)
Specification	10mm aluminium panel powder-coated to match RAL 7021 Black grey, with screen-printed icons, letterforms to match RAL 9016 Traffic white and RAL 7035 Light grey. 1no. 3mm water-jet cut aluminium level number powder-coated to match RAL TBC
Fixing	Pinned off 10mm from wall with discreet fixings behind inset from edges to ensure not visible
Dimension	300mm (w) x 1055mm (h) x 10mm (d) 20mm cap height, 40mm cap height
Quantity	2no.
Note	–
Sampling	–

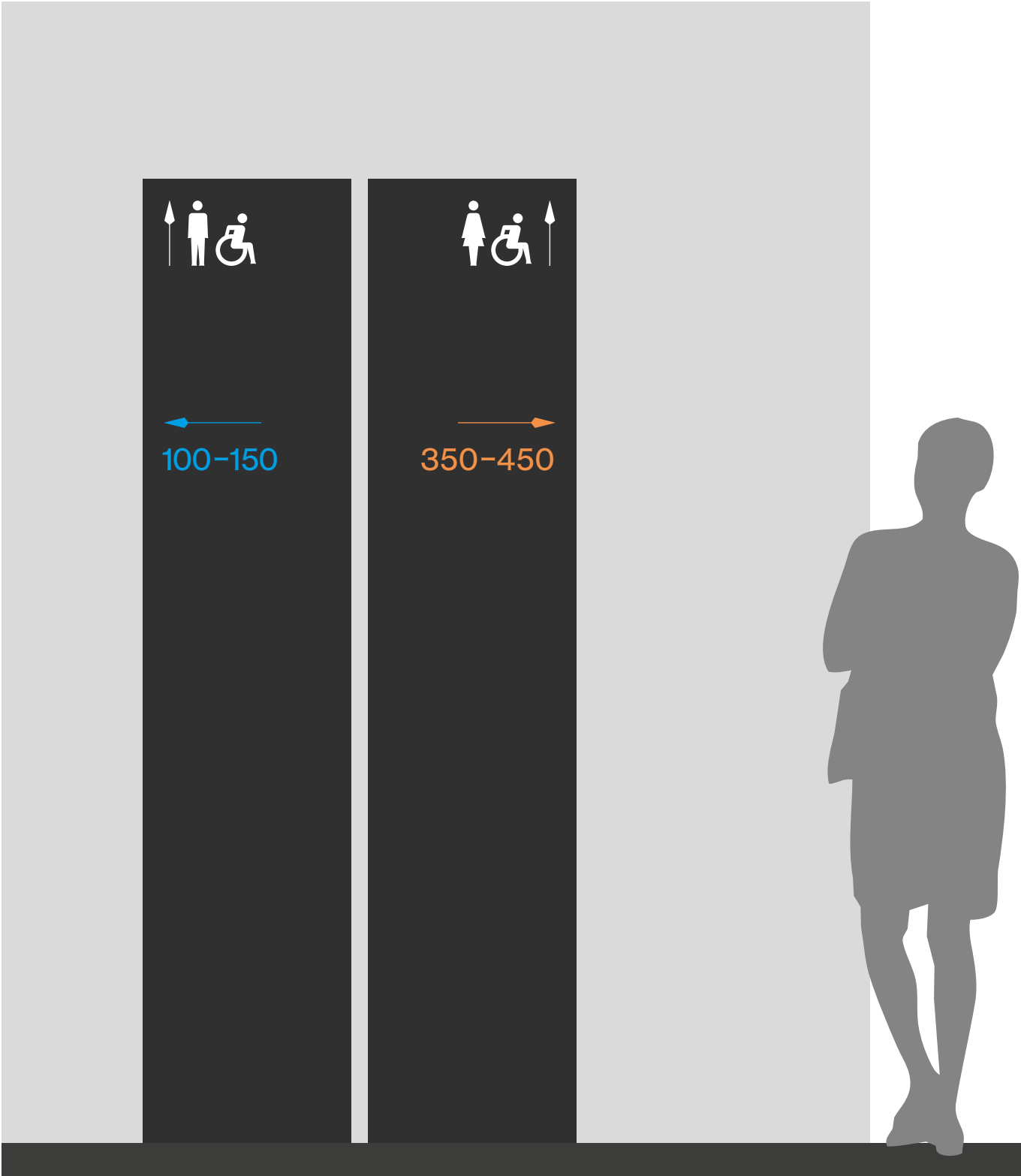
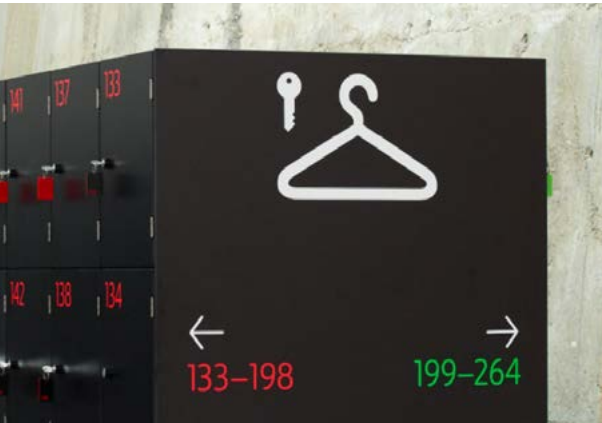


Tactile level number marking the current level

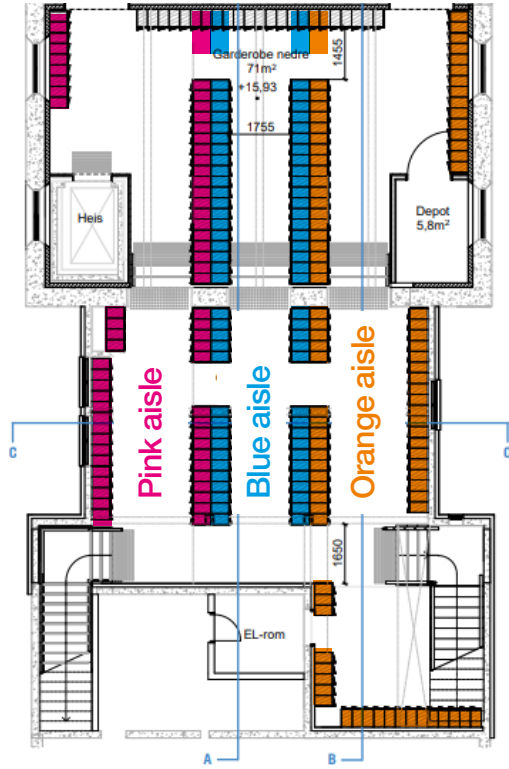


Sign code	D10
Description	Locker end directionals
Location	Level 0 lockers
Specification	Screen-printed letterforms and icons to end of metal locker bays, each sign consisting of icons in RAL 9016 Traffic white and locker numbering directional in RAL TBC (varies per location)
Fixing	Screen-printed in-situ directly to wall Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	100mm icon height 50mm cap height
Quantity	14no.
Note	–
Sampling	1no. 480x480mm area cut vinyl sample artwork heat-applied to suitable sample section of locker end surface

Reference



Provisional colour coding arrangement



Information family — analogue

Sign code	E2
Description	Induction loop sign
Location	Various, refer to sign location plans
Specification	Screen-printed letterforms and icons to wall surface to match RAL 9016 Traffic white or RAL 7021 Black grey
Fixing	Screen-printed in-situ directly to wall Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	100mm icon height
Quantity	4no.
Note	Please cost for alternative specification of heat-applied vinyl
Sampling	–

Precedent



Icon design



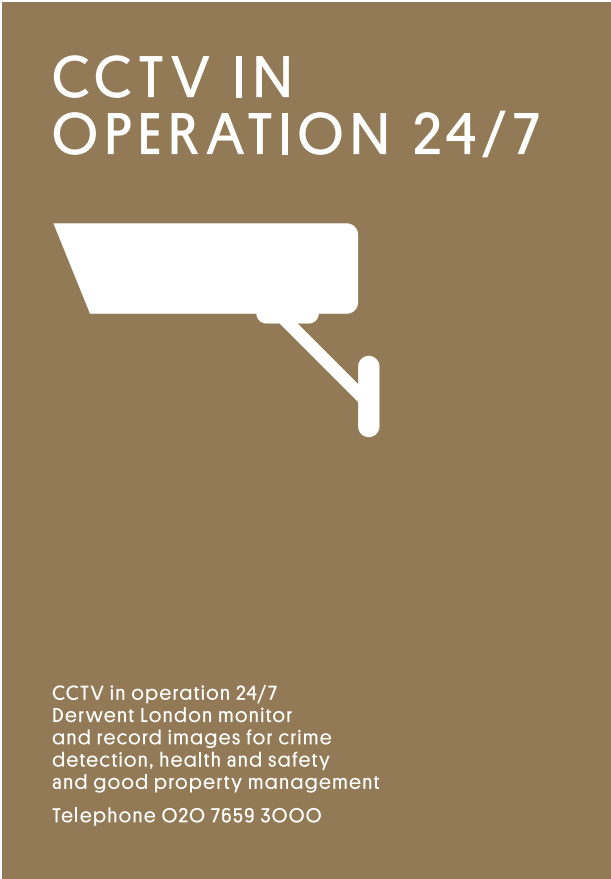
Sign code	E3
Description	Instructional and prohibitive icons
Location	Various, refer to sign location plans
Specification	Screen-printed letterforms and icons to wall surface to match RAL 9016 Traffic white or RAL 7021 Black grey
Fixing	Screen-printed in-situ directly to wall Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	100mm icon height
Quantity	TBC (please provide unit cost)
Note	Please cost for alternative specification of heat-applied vinyl
Sampling	–

Precedent

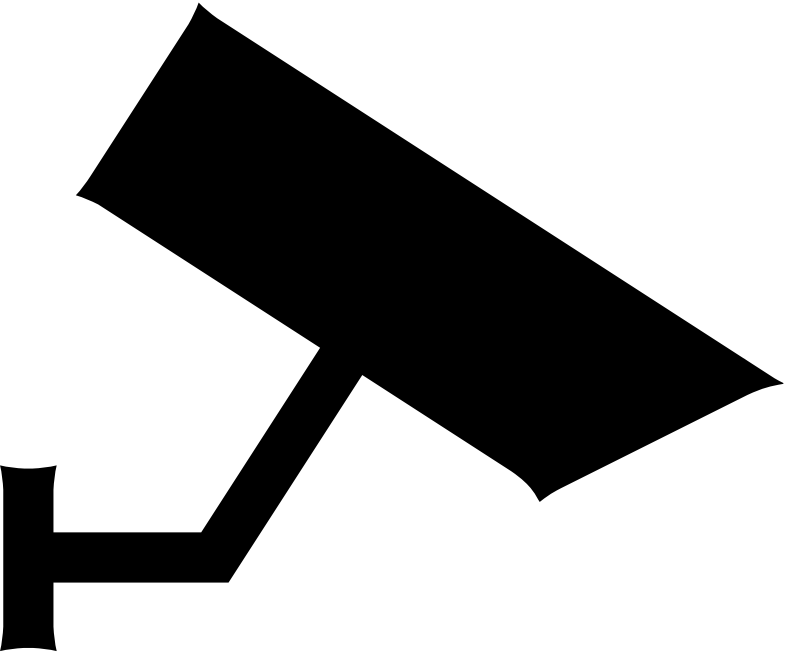


Sign code	E4
Description	CCTV disclaimer message
Location	Public entrances
Specification	Screen-printed letterforms and icons to wall surface to match RAL 9016 Traffic white or RAL 7021 Black grey
Fixing	Screen-printed in-situ directly to wall Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	100mm icon height
Quantity	3no.
Note	Please cost for alternative specification of heat-applied vinyl
Sampling	–

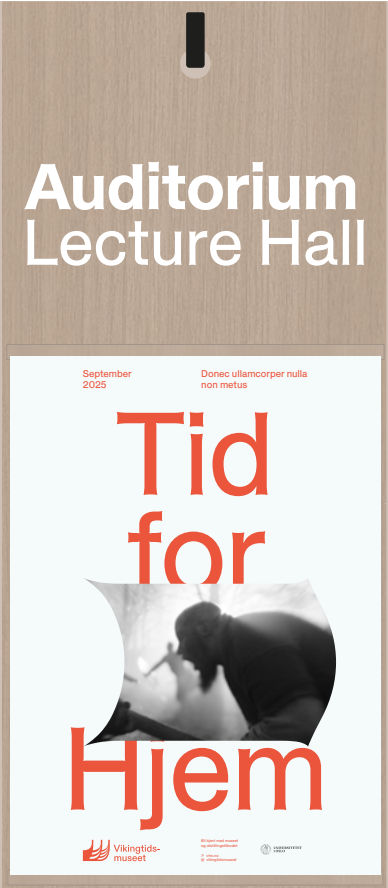
Precedent



Icon design



Sign code	E6_a
Description	Temporary event sign (panel)
Location	Lecture Hall (1-E6-1)
Specification	Light oak veneer timber panel (to match furniture elements from architectural package) with circular aperture at top, screen-printed letterforms to match RAL TBC. Panel to have hinged magnetic clipping system to take A3 printed poster
Fixing	Panel to be hung from hook (refer to hook detail on page 56) with concealed fixing back to the wall behind panel at lower level, to be as discreet as possible Fabricator to survey and propose suitable fixing method of hook detail to support weight of panel, and magnetic poster holder for approval with allowance for technical drawing and development
Dimension	300mm (w) x 700mm (h) x 10mm (d) 40mm cap height
Quantity	1 no.
Note	Coordination required with architects to ensure match of light oak used
Sampling	–



Magnetic clip frame with hinges



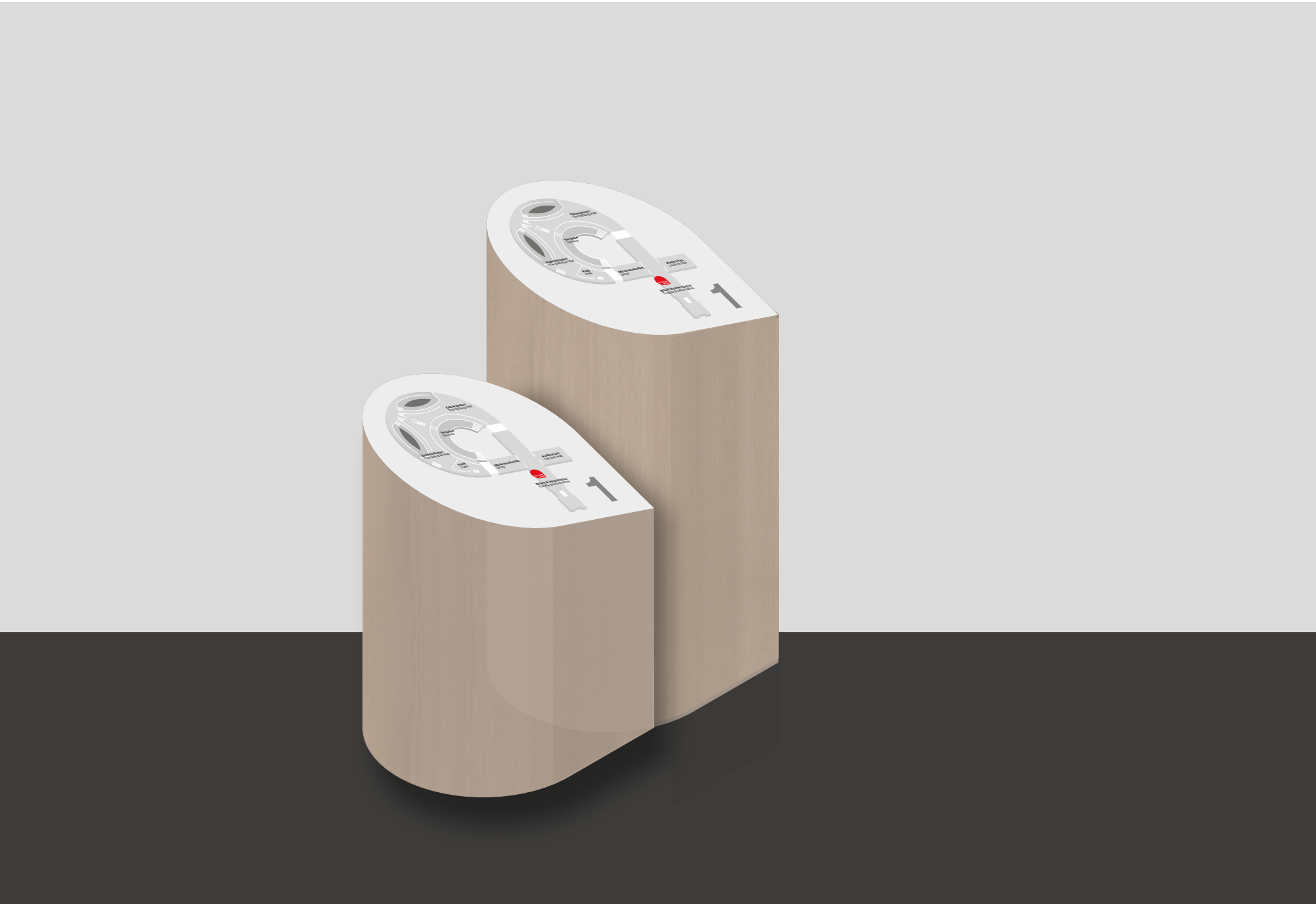
Sign code	E6
Description	Temporary event sign (freestanding)
Location	Lecture Hall (1-E6-1)
Specification	Light oak veneer timber A-board (to match furniture elements from architectural package). Panel to have hinged magnetic clipping system to take A3 printed poster.
Fixing	Fabricator to propose suitable weighting, fixing method and tamperproofing details to ensure sign is easily moveable by staff, folds down to store and is secure as to not fall or tip over if knocked, allowance for technical drawing and development
Dimension	300mm (w) x 1200mm (h) x 10mm (d)
Quantity	12no.
Note	Coordination required with architects to ensure match of light oak used
Sampling	1no. timber A-board with suitable weighting and fixing methos, and hinged magnetic clip system to display sample printed poster (artwork to be supplied)



Magnetic clip frame with hinges



Sign code	E7
Description	Accessible/Tactile map
Location	Ticket Hall
Specification	Light oak veneer freestanding totems (to match furniture elements from architectural package) with 6mm aluminium map panel powder-coated RAL TBC with 5no. screen-printed map direct to panel. Totem to have sloping top surface in accordance with accessibility consultants recommendation
Fixing	Fabricator to propose suitable weighting, fixing method and tamperproofing details to ensure sign is easily moveable by staff, and is secure as to not fall or tip over if knocked, allowance for technical drawing and development
Dimensions	Level 0 600mm (w) x 850mm (h) x 600mm (d) Level 1 600mm (w) x 1,000 (h) x 600mm (d)
Quantity	1 no. (comprising of pair of totems)
Note	Detailing and artwork of map, and angle of sloped top will be confirmed with accessibility consultant Coordination required with furniture contractor
Sample	1 no. full oak veneer totem with 1 no. map panel containing 5 no. colour screen-printed artwork sample



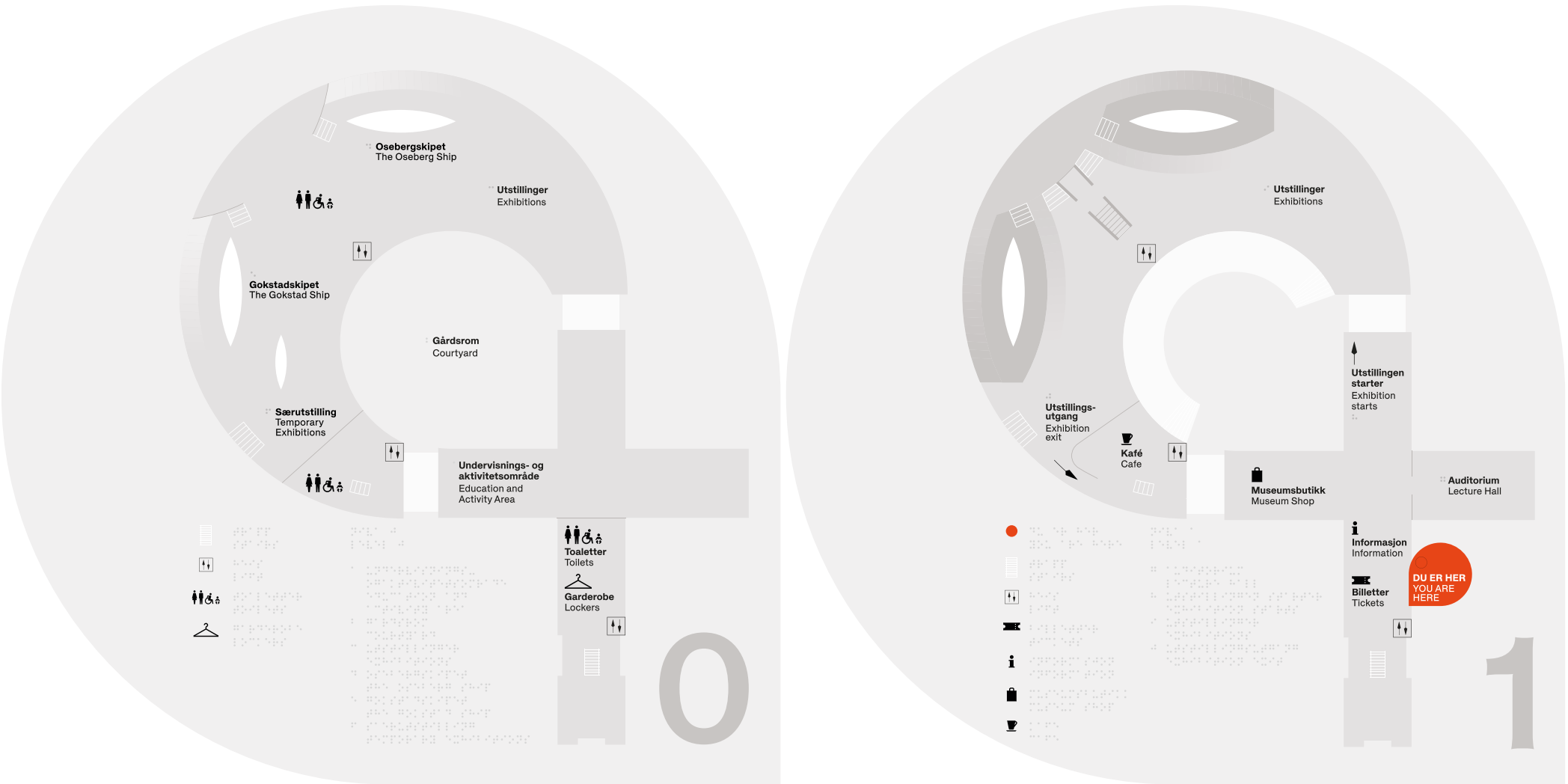
Internal signage
Information family – analogue

Type E7
Accessible/tactile map

Intent level only. All dimensions are approximate.
Not to be used for manufacture. Fabricator to check
quantities against sign location plans.

Sign code	E7
Description	Accessible/tactile map
Location	Ticket hall (1-E7-1)

Top view of map content



Tactile map reference



Internal signage
Information family – analogue

Type E8
‘You are here’ galleries map

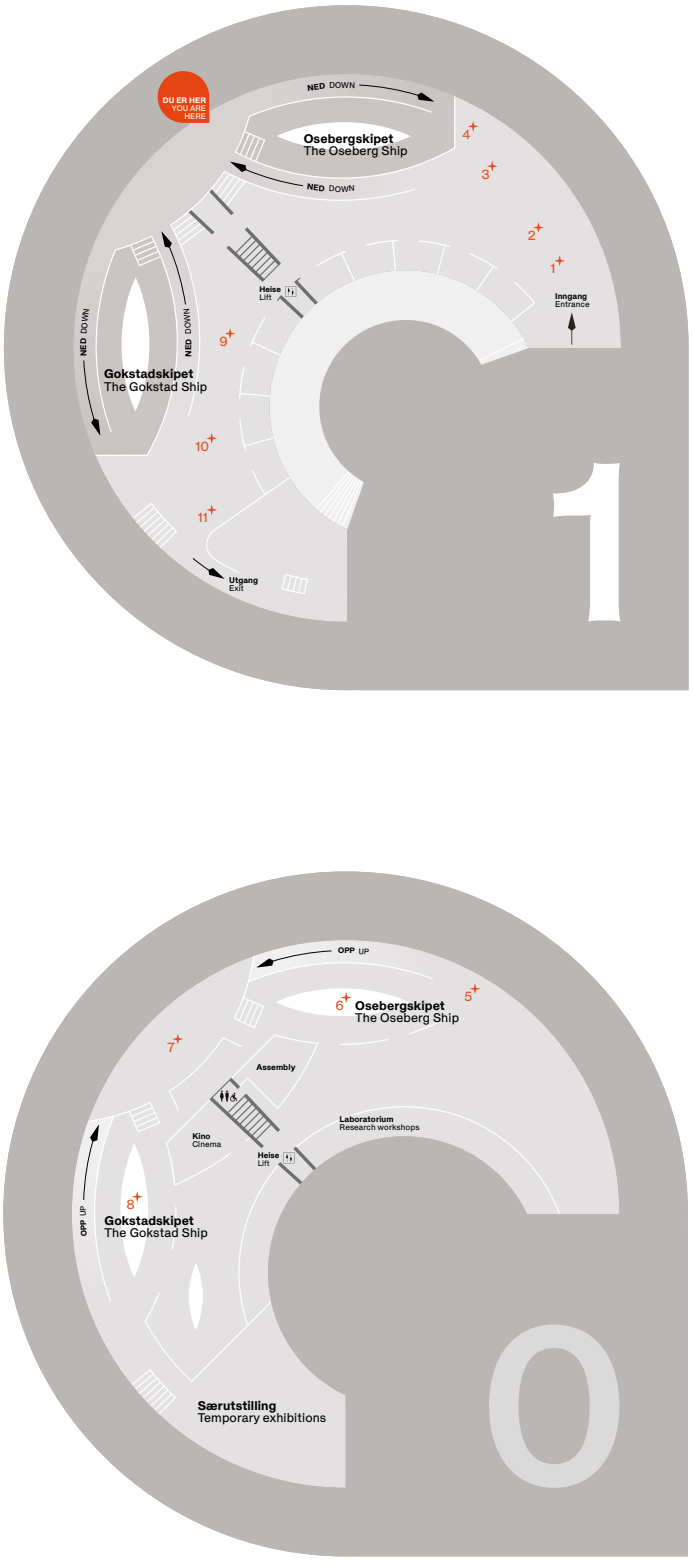
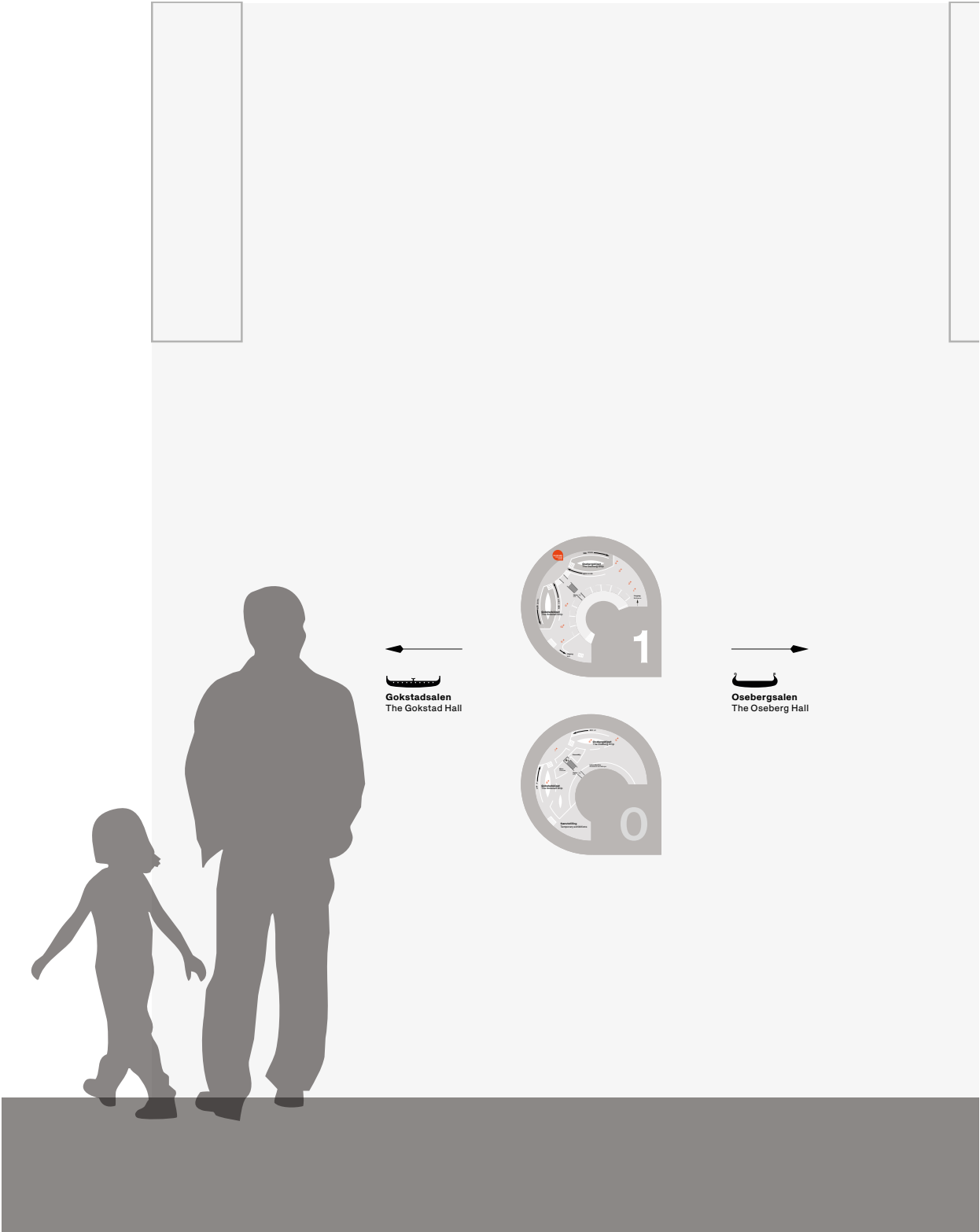
Intent level only. All dimensions are approximate.
Not to be used for manufacture. Fabricator to check
quantities against sign location plans.

Sign code	E8
Description	‘You are here’ galleries map
Location	Various, refer to sign location plans
Specification	3mm aluminium panel powder-coated RAL TBC with screen-printed map in 5no. different colours RAL TBC. 1no. 3mm water-jet cut aluminium level number powder-coated to match RAL TBC
Fixing	Pinned off 10mm from wall with discreet fixings behind inset from edges to ensure not visible
Dimension	500mm (w) x 500mm (h) x 3mm (d)
Quantity	7no. pairs (14no. total individual panels)
Note	Wall surfaces in some locations are curved, fabricator to survey
Sampling	1no. powder-coated panel with sample artwork screen-printed in 5no. different RAL colours

Raised metal panels with screenprinted map



Tactile level number marking the current level



Sign code	E9
Description	In-car lift poster frame
Location	Galleries lift car
Specification	Aluminium poster frame powder-coated RAL TBC to house A2 poster, poster to be easily changeable by staff. Poster frame housing to be slim in profile with minimal bezel to the face to take printed poster. Poster frame must be lockable with discreet mechanism to underside and tamperproof
Fixing	Fabricator to survey and propose suitable fixing method of poster frame to mount flush to internal wall for approval with allowance for technical drawing and development
Dimension	To house A2 poster 420mm (w) x 594mm (h)
Quantity	2no.
Note	Coordination required with lift contractor
Sampling	–

Lift interiors detail

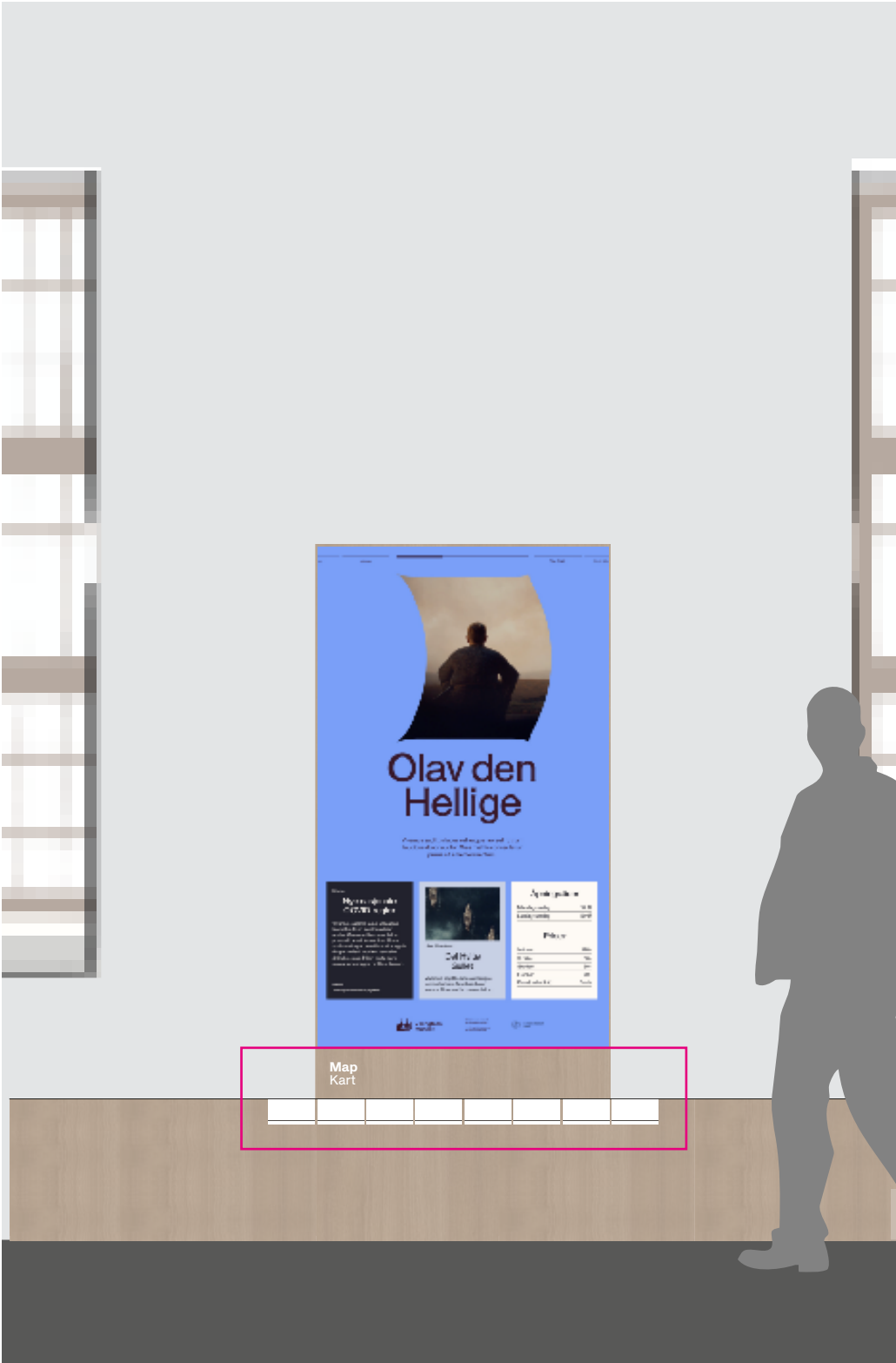


ZURICH DARK BRUSHED



Sign code	E10
Description	Leaflet rack and lettering
Location	Entrance hall
Specification	Element 1: Timber leaflet rack integrated with bench furniture. Specification to be developed with AART and completed by others, leaflet dimensions 148x210mm Element 2: Map lettering Screen-printed letterforms to timber digital screen upstand to match RAL 9016 Traffic white
Fixing	Screen-printed in-situ directly to furniture
Dimension	75mm cap height
Quantity	1 no.
Note	Coordination required with AART to develop interface between timber furniture and leaflet rack
Sampling	–

Reference



Sign code	E11
Description	Locker door numbers and fobs
Location	Various, refer to sign location plans
Specification	Element 1: Cut vinyl numerals heat-applied in RAL TBC Element 2: 5mm coloured acrylic key fob cut to bespoke 'teardrop' shape with routed numeral to one face
Fixing	Numerals heat-applied directly to locker door surface TBC. Fabricator to survey and confirm suitable for vinyl application
Dimension	75mm cap height 50x50mm key fob
Quantity	1,027no.
Note	–
Sampling	1no. cut vinyl locker number '123' heat-applied to suitable sample section of locker door surface 1no. key fob with routed '123'



Information family — digital

Internal signage
Information family – digital

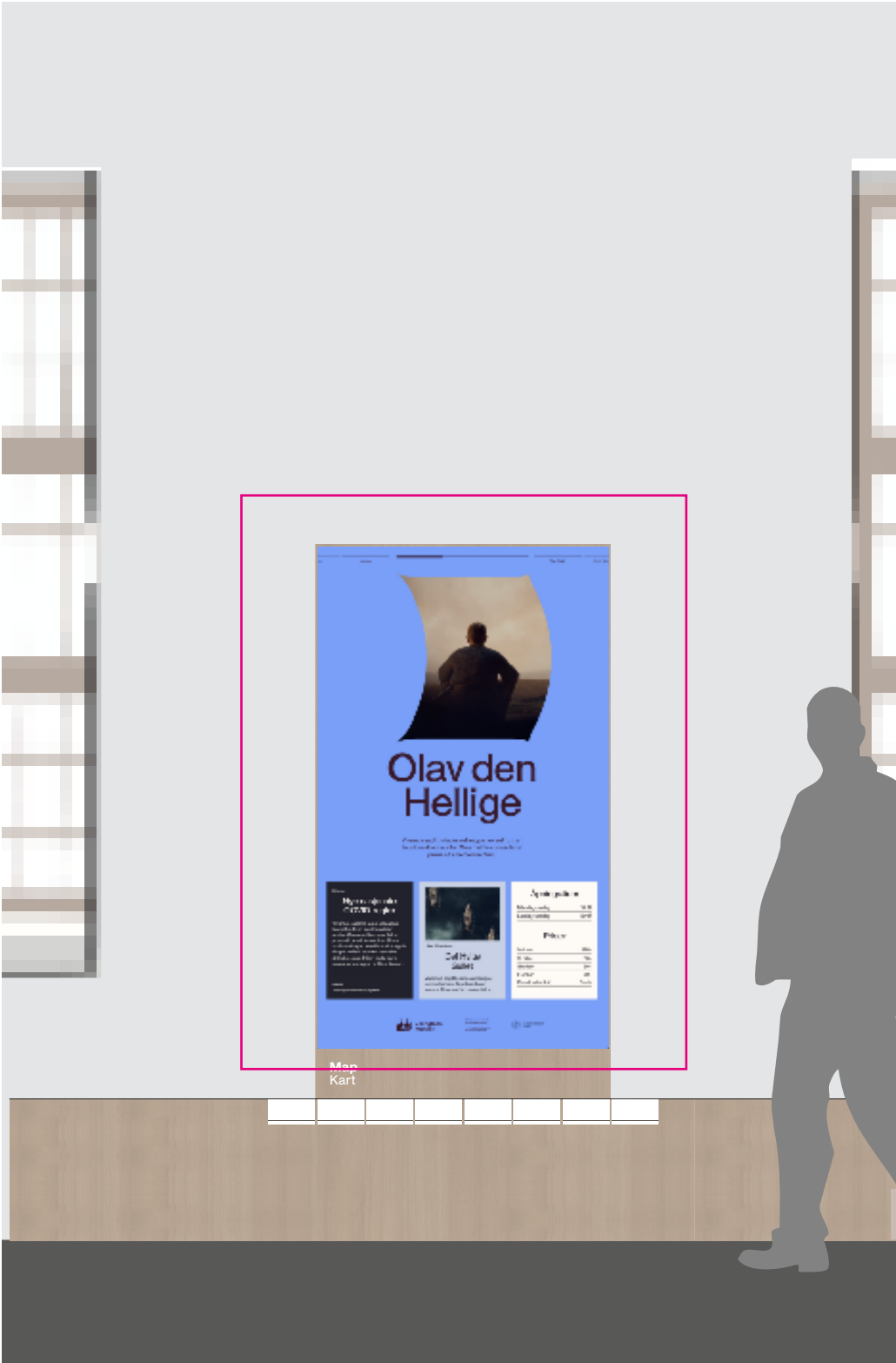
Type F1
Type F1_a

Digital screens
Freestanding
Development with AART required

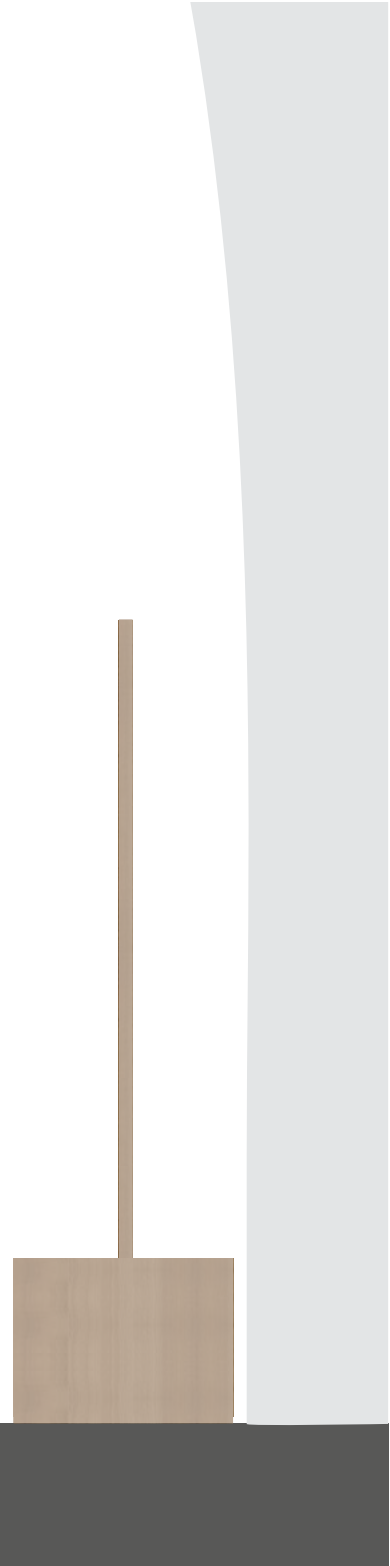
Intent level only. All dimensions are approximate.
Not to be used for manufacture. Fabricator to check
quantities against sign location plans.

Sign code	F1_a
Description	Digital screens (freestanding)
Location	Ticket Hall (1-F1-1, 1-F1-2)
Specification	Digital screens housed in oak timber stand, screen to be mounted flush to frame. Frame around screen should be as thin as possible.
Fixing	Screen stand to be integrated into bench, with fixings to floor hidden beneath bench if necessary.
Dimensions	Screen: 65 inch 831mm x 1450mm Stand: W: 841mm tbc H: 2200mm tbc
Quantity	2no.
Note	Allowance required for coordination with architect. Digital screen product to be sourced by AV supplier.
Samples	TBC

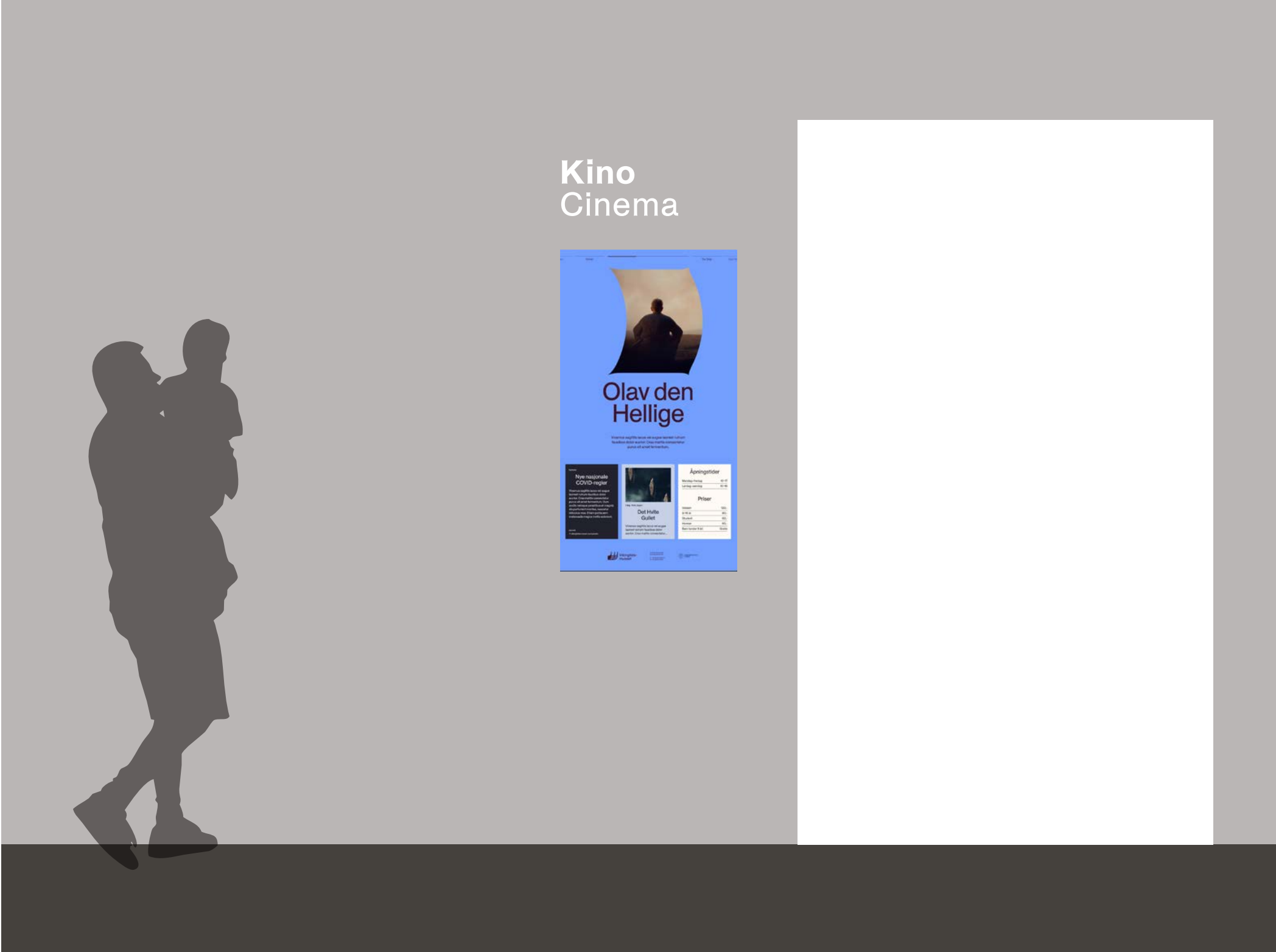
Front view



Side view

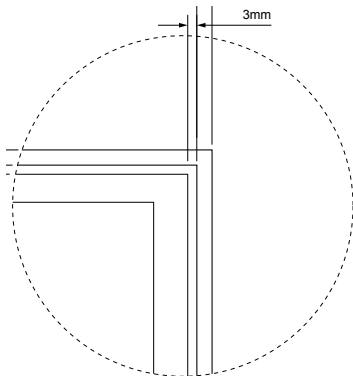
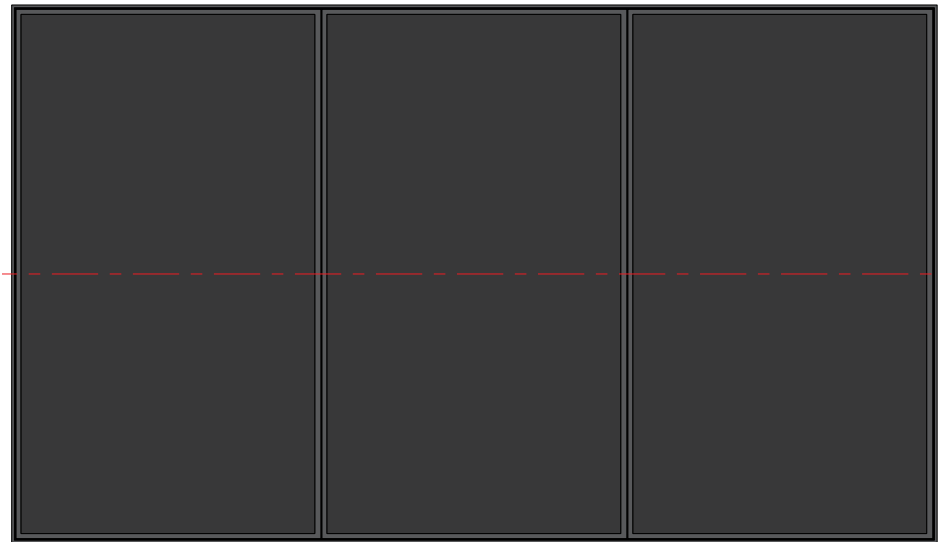
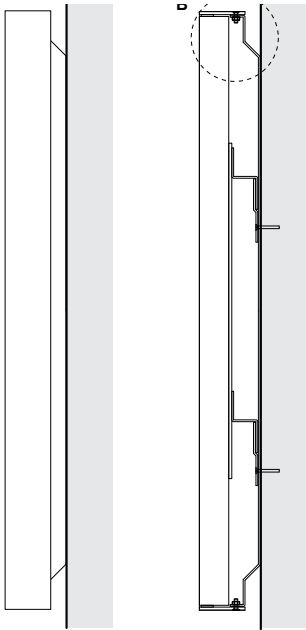
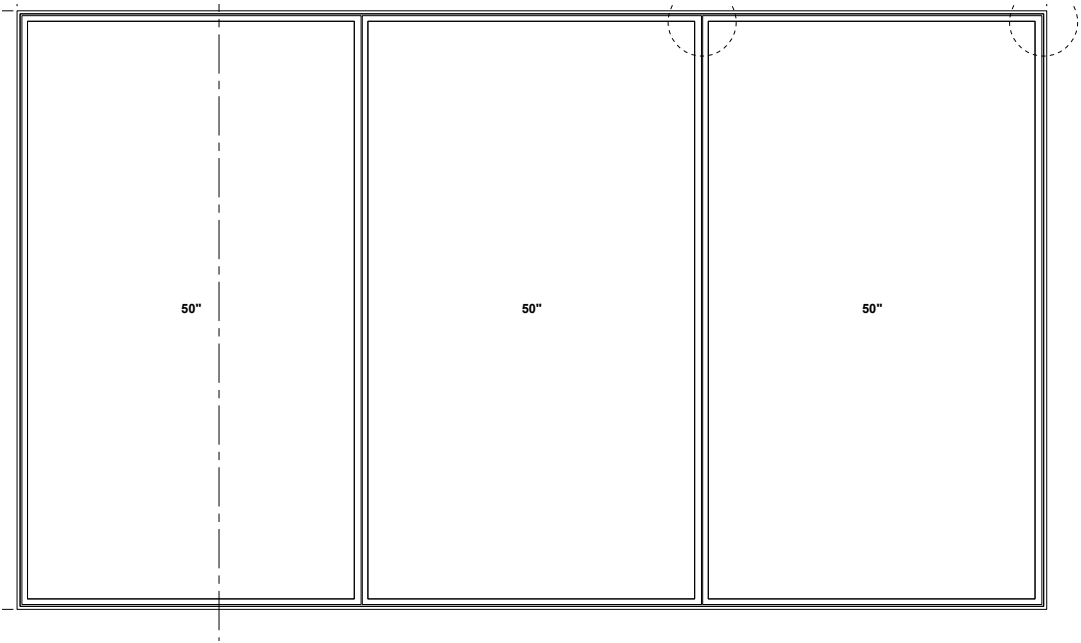


Sign code	F1_b
Description	Digital screens (wall-mounted)
Location	Various, refer to sign location plans Shown location (0-F1-1)
Specification	50” digital screen housed within bespoke aluminium frame powder-coated to match RAL TBC. Housing to be slim in profile with minimal bezel to the face Screen and housing to be tamperproof and suitable for museum environments eg. anti-scratch screen protection
Fixing	Fabricator to survey and propose suitable fixing method of screen frame to mount flush to internal wall for approval with allowance for technical drawing and development
Dimension	To house 50” screen
Quantity	3no.
Note	Wall surfaces in some locations are curved, fabricator to survey Coordination required to resolve power supply to location Digital screen product to be sourced by AV supplier
Sampling	1no. 50” digital screen with bespoke powder-coated bezel, to display exhibition information graphic (to be supplied)

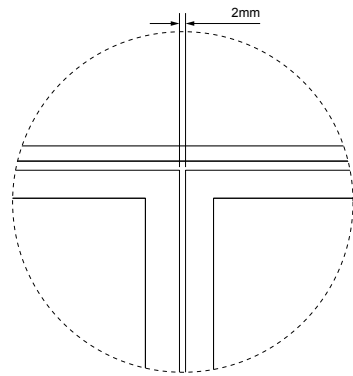


Sign code	F1_b
Description	Digital screens (wall-mounted)
Note	Example drawing of similar product, not to be used as working drawings (Please note drawing is showing 3 screens mounted together, our screens will be mounted separately)

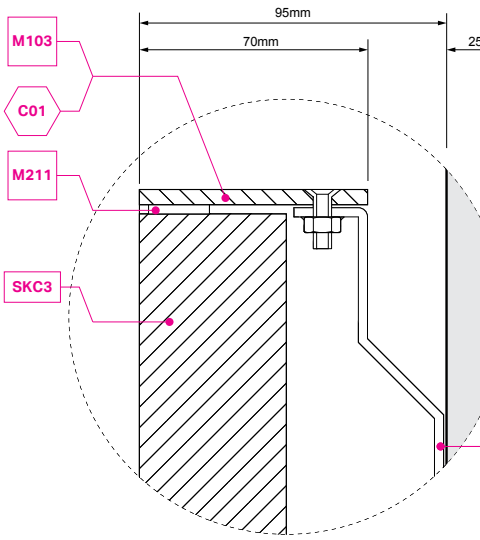
Reference drawing



Detail A
Scale 1:2 @ A3



Detail C
Scale 1:2 @ A3



Detail B
Scale 1:2 @ A3

Internal signage
Information family – digital

Type F1
Type F1_b

Digital screens
Wall mounted

Intent level only. All dimensions are approximate.
Not to be used for manufacture. Fabricator to check
quantities against sign location plans.

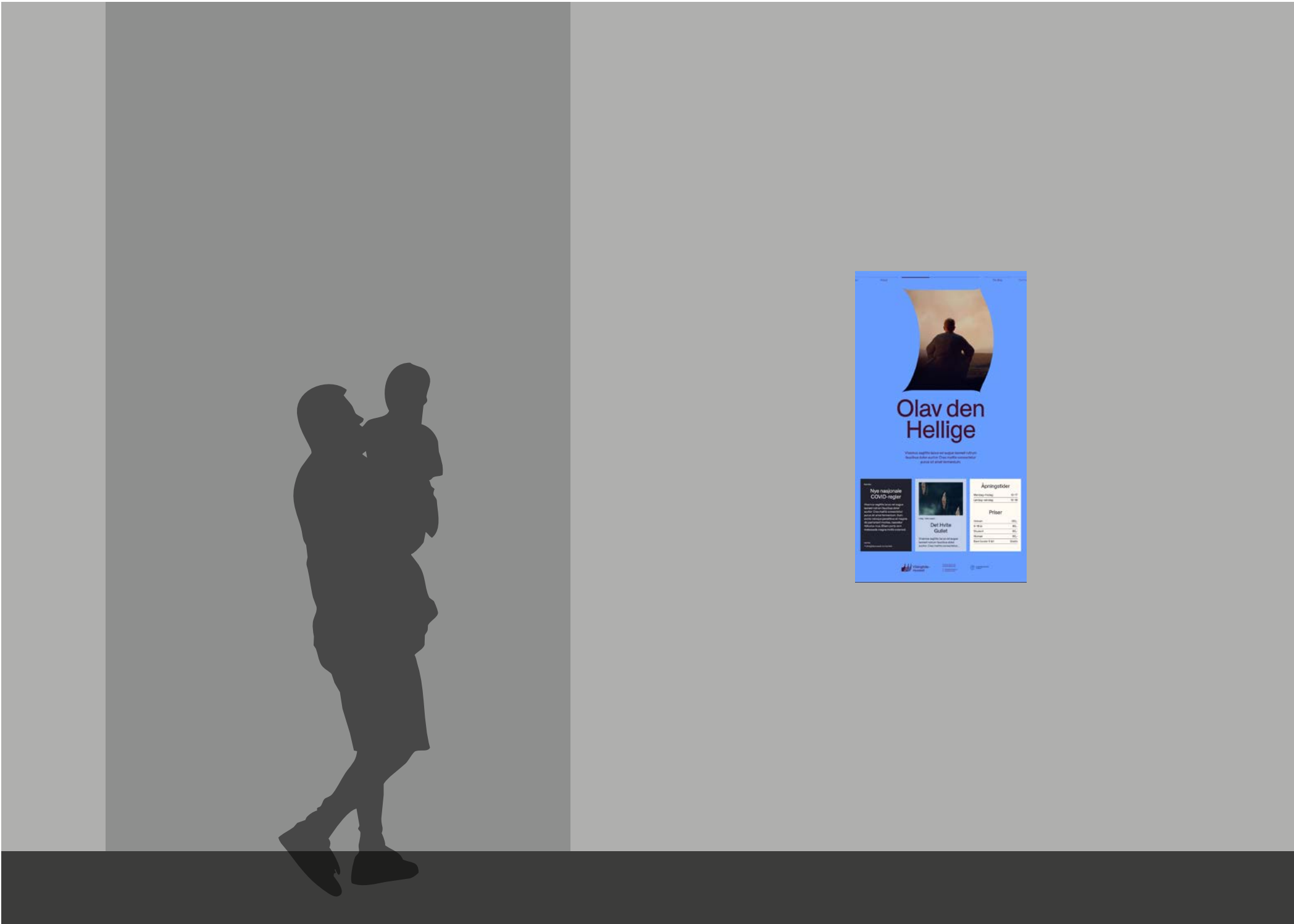
Reference images



Sign code	F1_b
Description	Digital screens (wall-mounted)
Location	Research Workshops entrance (0-F1-2)

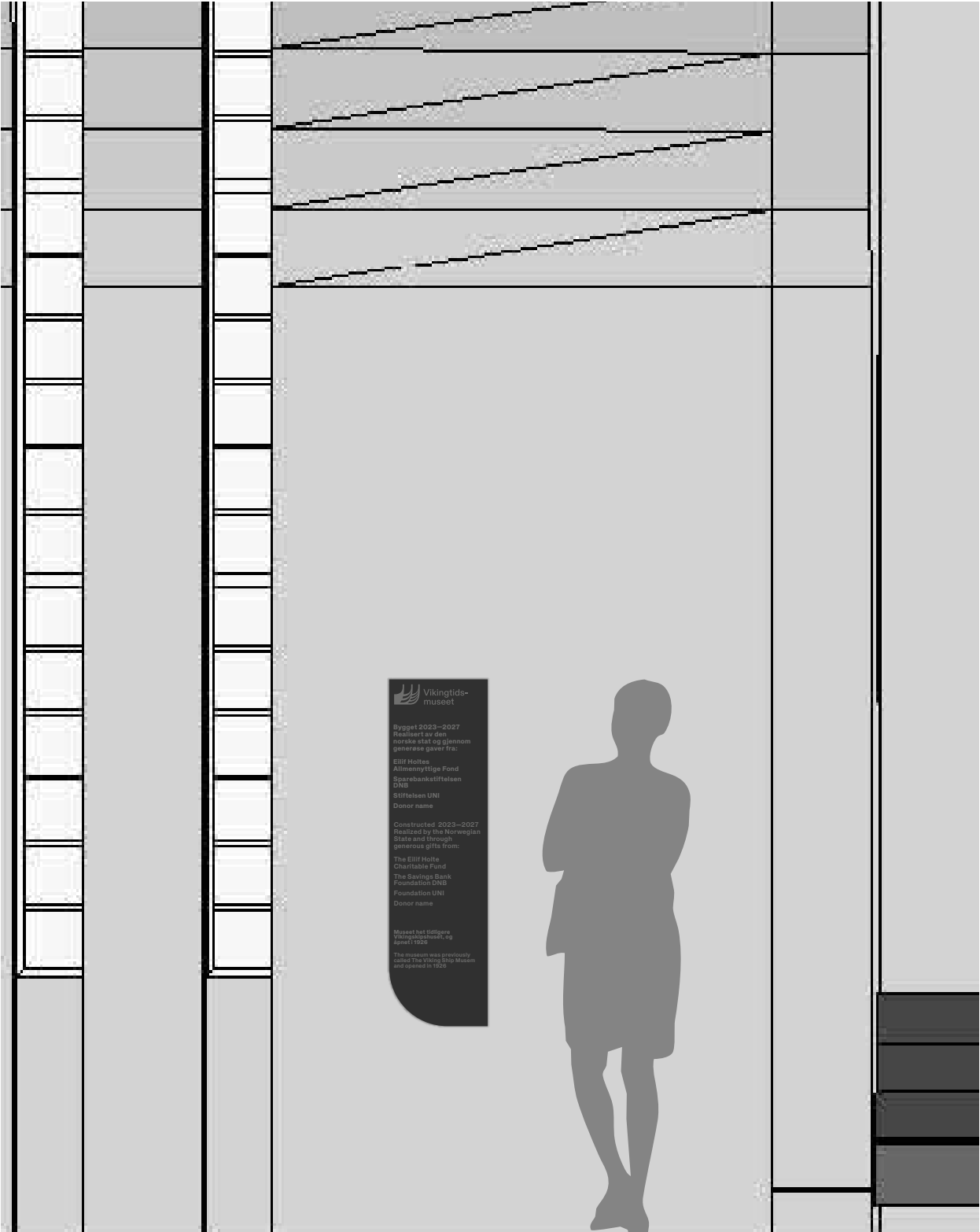


Sign code	F1_b
Description	Digital screens (wall-mounted)
Location	Education and Activity Area (0-F1-3)

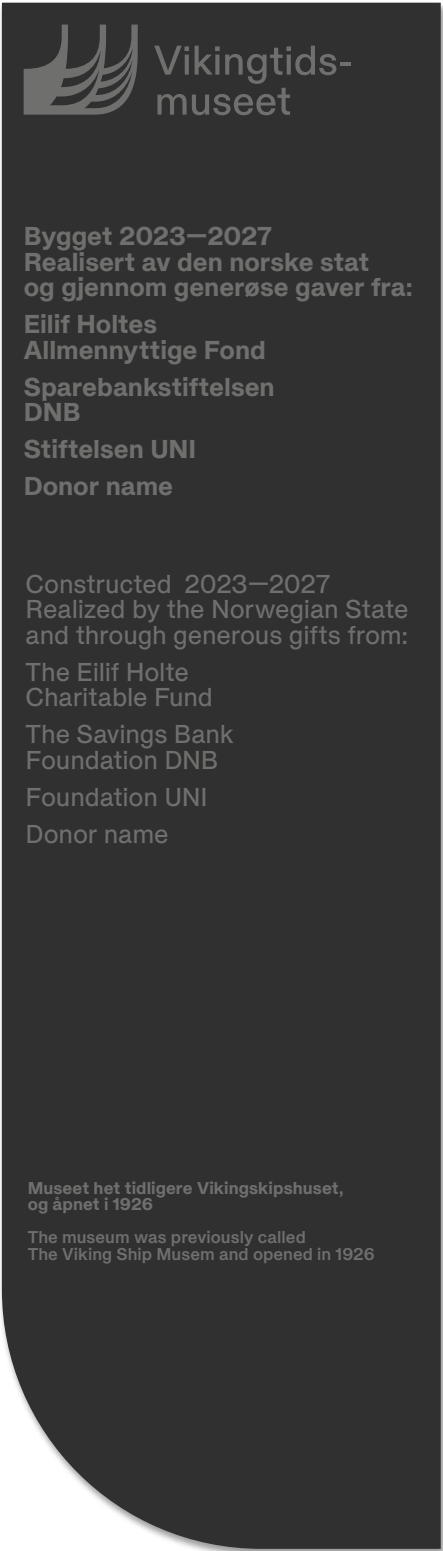


Donor messages

Sign code	G1
Description	Primary donor listing
Location	Entrance hall
Specification	Option 1 10mm cast iron plaque with polished letterforms to face (minimum cap height subject to consultation with specialist) Option 2 10mm stone plaque with carved letterforms infilled with paint to face (stone specification and minimum cap height subject to consultation with specialist)
Fixing	Pinned 10mm from wall with discreet fixings behind inset from edges to ensure not visible. Fixings to be suitable for historic listed wall
Dimensions	300mm (w) x 1055mm (h) x 10mm (d) 8mm and 12mm cap height
Quantity	1 no.
Note	Wall surface is slightly curved, fabricator to survey
Sampling	Option 1 1 no. 300 x 300mm cast iron panel with raised polished lettering and logo Option 2 1 no. 300mm x 300mm stone panel with carved letterforms and logo to face infilled with paint with wall fixings



Sign code	G1
Description	Primary donor listing
Location	Entrance hall



References
Top: Option 1
Bottom: Option 2



Sign code	G3
Description	Secondary donor listings
Location	Various, not yet determined
Specification	Option 1 10mm cast iron plaque with polished letterforms to face (minimum cap height subject to consultation with specialist) Option 2 10mm stone plaque with carved letterforms infilled with paint to face (stone specification and minimum cap height subject to consultation with specialist) Information panel 3mm aluminium panel powder-coated to match RAL TBC with screen-printed letterforms to match RAL 9016 Traffic white
Fixing	Pinned 10mm from wall with discreet fixings behind inset from edges to ensure not visible
Dimensions	300mm (w) x 1055mm (h) x 10mm (d) 8mm and 12mm cap height Information panel 150mm (w) x 150mm (h) 4.5mm cap height
Quantity	TBC
Note	–
Sampling	–



Sign code	G3
Description	Secondary donor listings
Location	Various, not yet determined



References
Top: Option 1
Bottom: Option 2

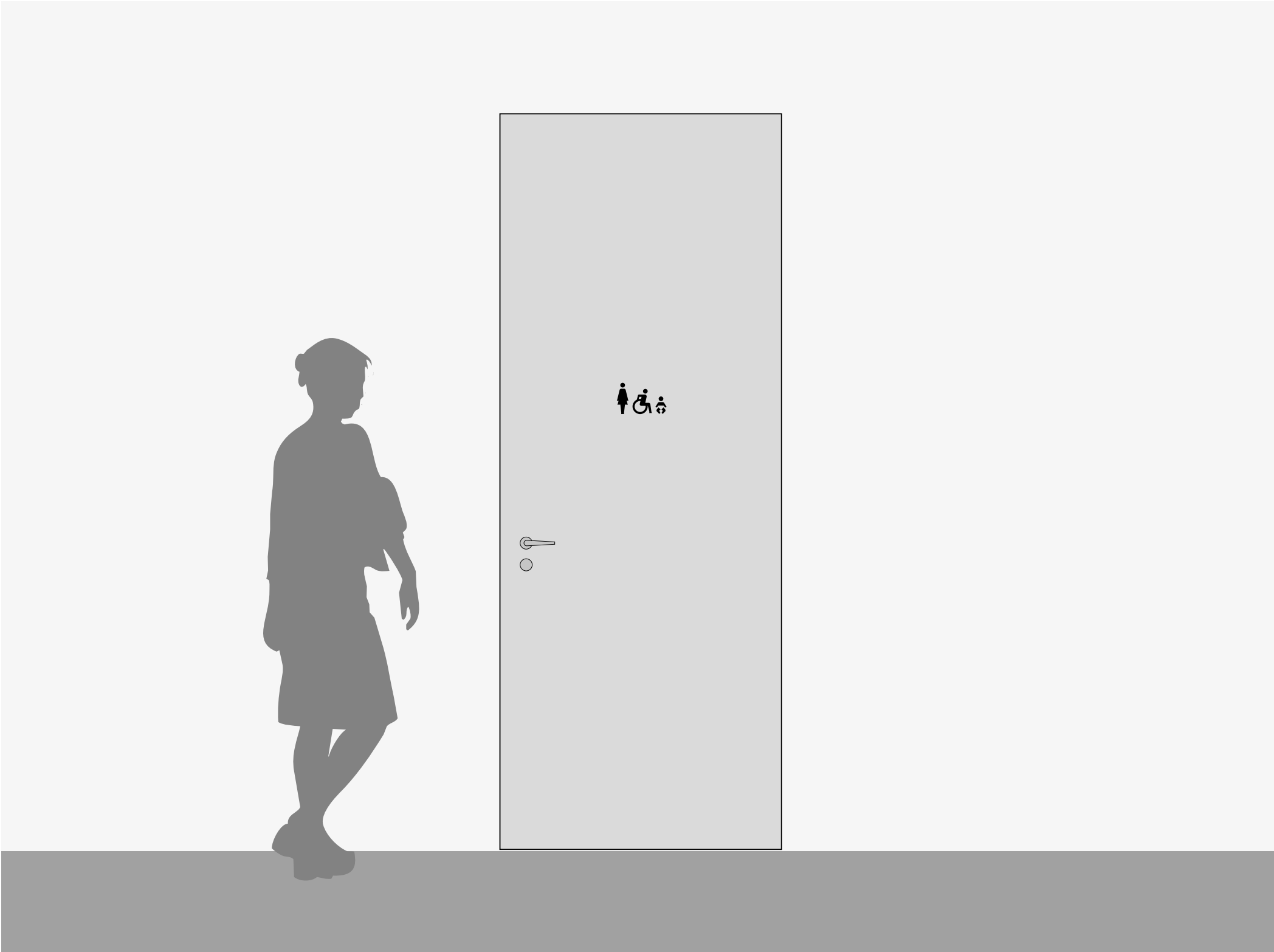


Back-of-house family

Sign code	H1
Description	Back-of-house door sign
Location	Various, refer to sign location plans
Specification	Screen-printed letterforms to door surface to match RAL 9016 Traffic white or RAL 7021 Black grey
Fixing	Screen-printed in-situ directly to door Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	20mm cap height
Quantity	85no.
Note	Please cost for alternative specification of heat-applied vinyl
Sampling	–



Sign code	H2
Description	Back-of-house toilet sign
Location	Various, refer to sign location plans
Specification	Screen-printed icon to door surface to match RAL 9016 Traffic white or RAL 7021 Black grey
Fixing	Screen-printed in-situ directly to door Fabricator to survey suitability of surface for screen-printing and best method of application
Dimension	100mm icon height
Quantity	3no.
Note	Please cost for alternative specification of heat-applied vinyl
Sampling	–



Pre-procurement task

As part of the tender process, it is requested that tenderers are to create an example artwork, technical drawing and fabricated sample to be included as part of their submission.

Please see criteria below

Production ready artwork

Using the supplied artwork for sign code 1-D1-4, create a production ready artwork proof

Technical drawing

Using the specification details on pages 54-56, create a series of technical product drawings for sign type D1, including the signage panel and fixing hook

Sample

Using the supplied artwork for sign code 1-D1-4, fabricate a working sample for review