

Mumbles Sea Wall Brief for Artist or Designer

Context

Swansea Council's Cultural Services is inviting applications from an artist or designer to produce designs for the new Mumbles sea defence wall. The sea defences structure will help to protect homes, businesses and people from rising sea levels in the future, and aims to improve Mumbles as a destination with environmental improvements such as new lighting, seating and better links to Mumbles Road.

Aims of the Commission

- To create contemporary site-specific or site-responsive designs that reflect the unique surroundings of the site. This could include designs that respond to the natural environment and ecology; local history and heritage; or leisure pursuits.
- To punctuate the sea defence wall with intriguing and engaging design.
- Enhance the experience of people using the promenade.

Role of the Artist or Designer

- To produce themed design images for three sections within the wall, each section comprising three panels. It should be noted that there are slight gaps between the panels. The design/s will be subject to approval prior to fabrication.
- Design images can be produced either in CAD or for conversion into CAD by the Client.

In addition, the artist or designer will be required to:

- Participate in press and marketing opportunities relating to the commission.
- Agree for the work to be documented for promotional, evaluation and archival purposes.

Technical Information

- The sea defence walls will be manufactured in concrete and inscribed by Reckli as detailed in the attached Specification: production methods
- Each section will comprise three panels measuring W 4980mm x H800mm.
- Available area for design within each panel is W 4980mm x H600mm as per attached elevation and cross-section drawing.

Budget

A budget of up to £4,500 is available to fund the design work.

Timetable

Deadline for applications:	midday, 28 April 2023
Design concepts:	24 May 2023
Completion and sign off of designs:	31 May 2023

Contract and reporting structure

The artist or designer will be contracted by Swansea Council. The Cultural Strategy and Partnership Officer will be the designated project manager responsible for managing the commission and will liaise on the delivery with the Client's Site Supervision Manager.

Copyright

The artist or designer will retain copyright of the work and all reproductions of it. Swansea Council will be entitled to document the project and to use images of the finished work for publicity, evaluation and archival purposes.

Application process

Applicants should provide:

1. Name, contact details and website address (if applicable).
2. An outline proposal that sets out initial ideas and design concept/s.
3. An up-to-date artist CV.
4. Evidence of your current/ recent practice in the form of up to 10 images or a link to a website.
5. List of images which should include: number; title; medium; date; location and commissioner (if relevant).

Further information:

Deadline for applications: **midday, 28 April 2023**

Applications to: Kate Wood, Cultural Strategy and Partnership Officer:

kate.wood@swansea.gov.uk

For further information contact: kate.wood@swansea.gov.uk

Morglawdd y Mwmbwls **Briff ar gyfer Artist neu Ddylunydd**

Cyd-destun

Mae Gwasanaethau Diwylliannol Cyngor Abertawe'n gwahodd ceisiadau gan artist neu ddylunydd i lunio dyluniadau ar gyfer morglawdd amddiffynnol newydd y Mwmbwls. Bydd yr adeiledd amddiffynnol hwn yn helpu i ddiogelu cartrefi, busnesau a phobl rhag lefelau môr cynyddol yn y dyfodol, a'r bwriad yw gwella'r Mwmbwls fel cyrchfan gyda gwelliannau amgylcheddol fel goleuadau a seddi newydd a gwell cysylltiadau â Mumbles Road.

Nodau'r comisiwn

- Creu dyluniadau cyfoes sy'n benodol i'r safle neu sy'n ymateb i'r safle ac sy'n adlewyrchu amgylchiadau unigryw y safle. Gallai hyn gynnwys dyluniadau sy'n ymateb i'r amgylchedd naturiol ac ecoleg; hanes a threftadaeth leol; neu weithgareddau hamdden.
- Addurno'r morglawdd amddiffynnol gyda dyluniadau atyniadol a diddorol.
- Gwella profiad y bobl sy'n defnyddio'r promenâd.

Rôl yr Artist neu'r Dylunydd

- Creu dyluniadau sy'n seiliedig ar thema ar gyfer tair rhan yn y wal, a bydd pob rhan yn cynnwys tri phanel. Dylid nodi bod bylchau bach rhwng y paneli. Bydd y dyluniad/au'n destun cymeradwyaeth cyn cael eu cynhyrchu.
- Gall delweddau'r dyluniad gael eu cynhyrchu drwy Ddylunio gyda Chymorth Cyfrifiadur (CAD) neu i'w trosglwyddo i CAD gan y cleient.

Yn ogystal â hyn, bydd angen i'r artist neu'r dylunydd wneud y canlynol:

- Cymryd rhan mewn cyfleoedd o ran y wasg a marchnata sy'n berthnasol i'r comisiwn.
- Cytuno bod y gwaith yn cael ei ddogfennu at ddibenion hyrwyddo, gwerthuso ac archifo.

Gwybodaeth Dechnegol

- Caiff y morglawdd amddiffynnol ei wneud o goncrit a'i arysgrifio gan Reckli fel y manylwyd yn y Fanyleb atodedig: dulliau cynhyrchu
- Bydd pob rhan yn cynnwys tri phanel yn mesur 4980mm o led x 800mm o uchder.
- Yr ardal sydd ar gael ar gyfer dyluniadau ar bob panel yw 4980mm o led x 800mm o uchder fel y dangosir yn y gweddlun a'r trawslun atodedig.

Cyllideb

Mae cyllideb o hyd at £4,500 ar gael i ariannu'r gwaith dylunio.

Amserlen

Dyddiad cau ar gyfer derbyn ceisiadau: canol dydd, 24 Ebrill 2023
Cysyniadau dylunio: 24 Mai 2023
Cwblhau a chymeradwyo dyluniadau: 31 Mai 2023

Contract a strwythur adrodd

Bydd yr artist neu'r dylunydd yn cael ei contractio gan Gyngor Abertawe. Y Swyddog Strategaeth Ddiwylliannol a Phartneriaeth fydd y rheolwr prosiect dynodedig a fydd yn gyfrifol am reoli'r comisiwn, a bydd yn cysylltu â Rheolwr Goruchwyllo Safle'r Cleient ynghylch ei gyflwyno.

Hawlfraint

Bydd yr artist neu'r dylunydd yn cadw hawlfraint y gwaith a'r holl atgynyrchiadau ohono. Bydd hawl gan Gyngor Abertawe i ddogfennu'r prosiect a defnyddio lluniau o'r gwaith gorffenedig at ddibenion hyrwyddo, gwerthuso ac archifo.

Proses ymgeisio

Dylai ymgeiswyr ddarparu:

1. Enw, manylion cyswllt a chyfeiriad y wefan (os yw'n briodol).
2. Cynnig amlinellol sy'n nodi'r syniadau cychwynnol a chysyniad(au) dylunio.
3. CV cyfredol yr artist.
4. Tystiolaeth o'ch ymarfer presennol/diweddar ar ffurf hyd at 10 llun neu ddolen i wefan.
5. Rhestr o luniau sy'n cynnwys: rhif; teitl; cyfrwng; dyddiad; lleoliad a chomisiynydd (os yw'n berthnasol).

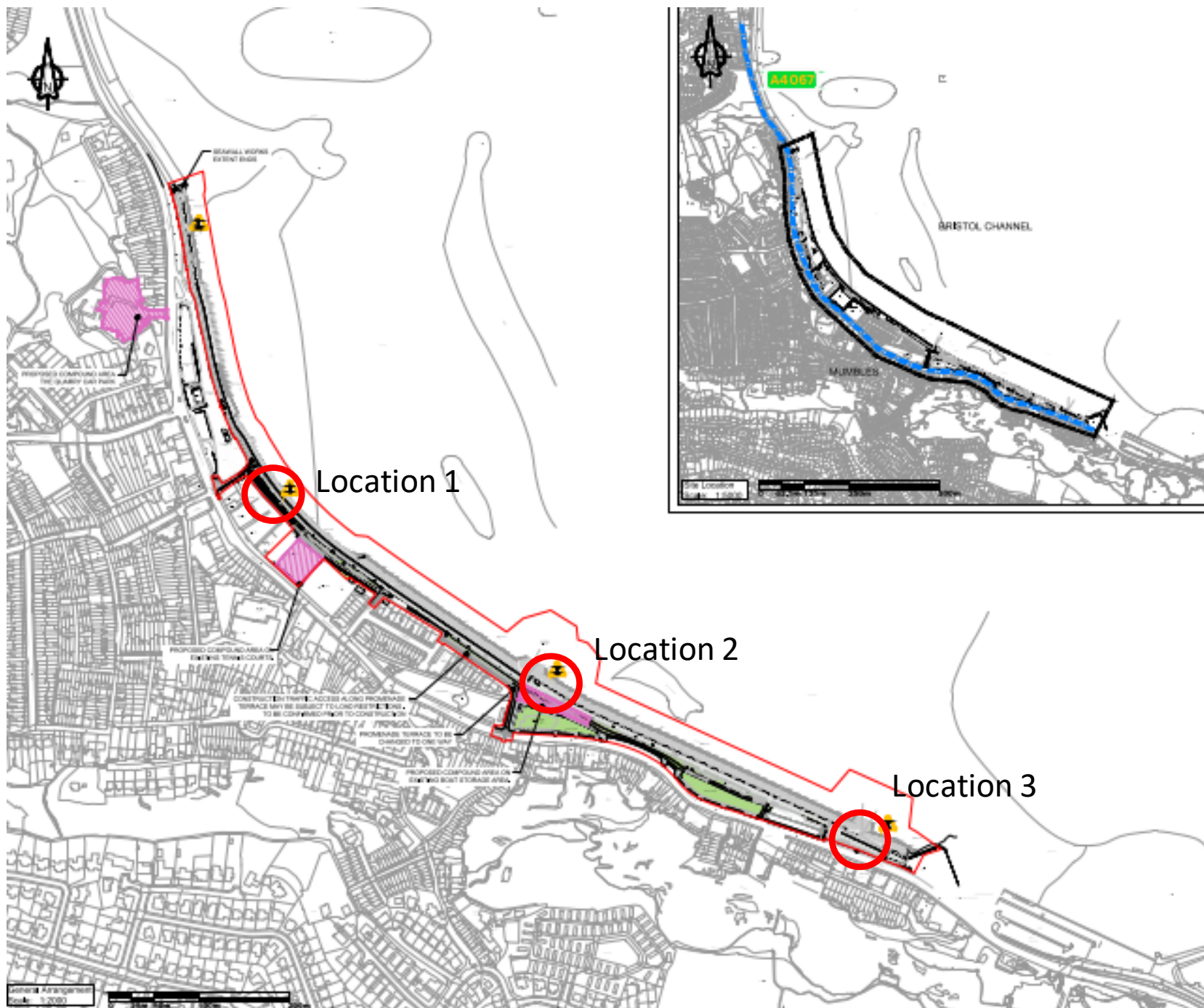
Rhagor o wybodaeth:

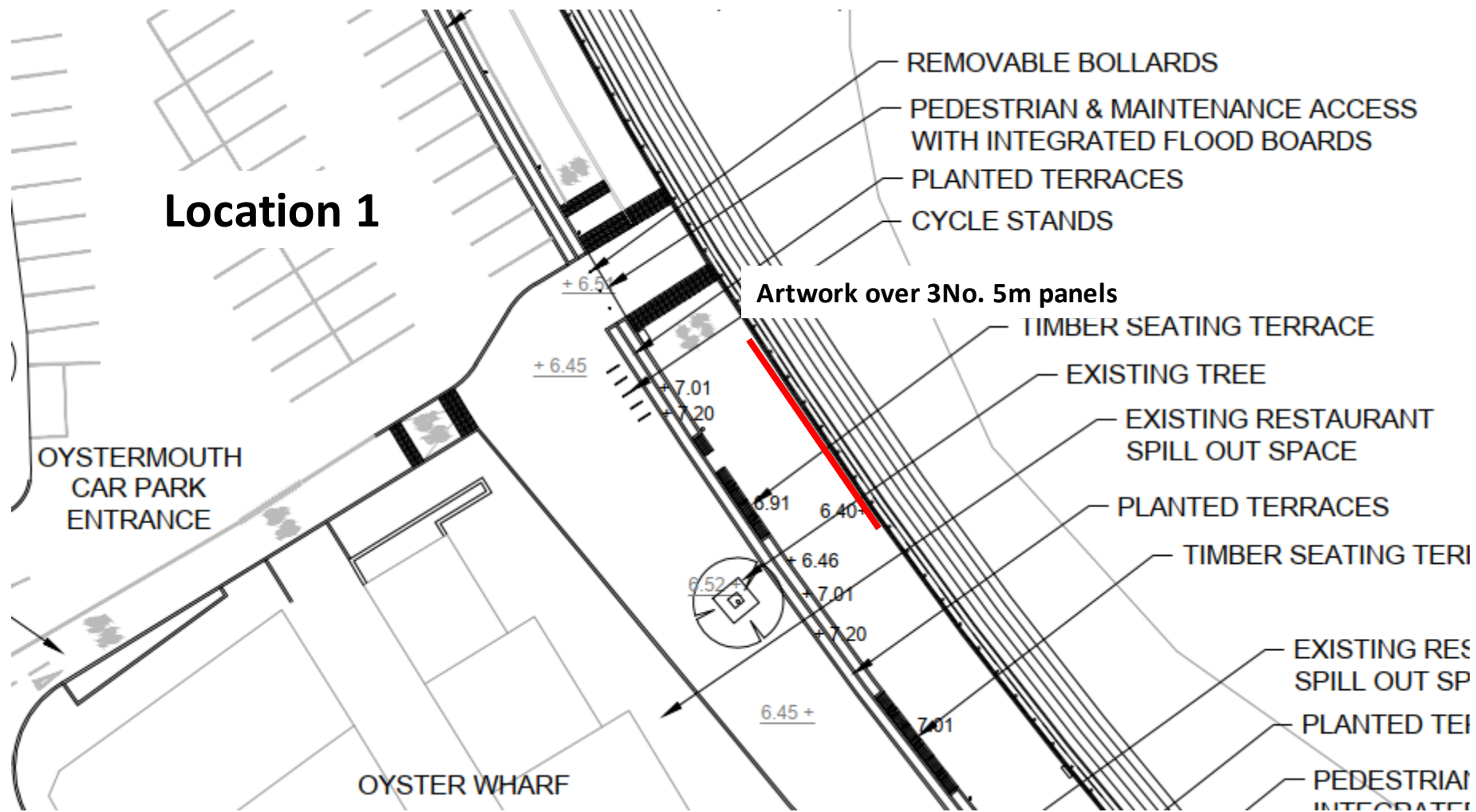
Dyddiad cau ar gyfer derbyn ceisiadau: **canol dydd, 24 Ebrill 2023**

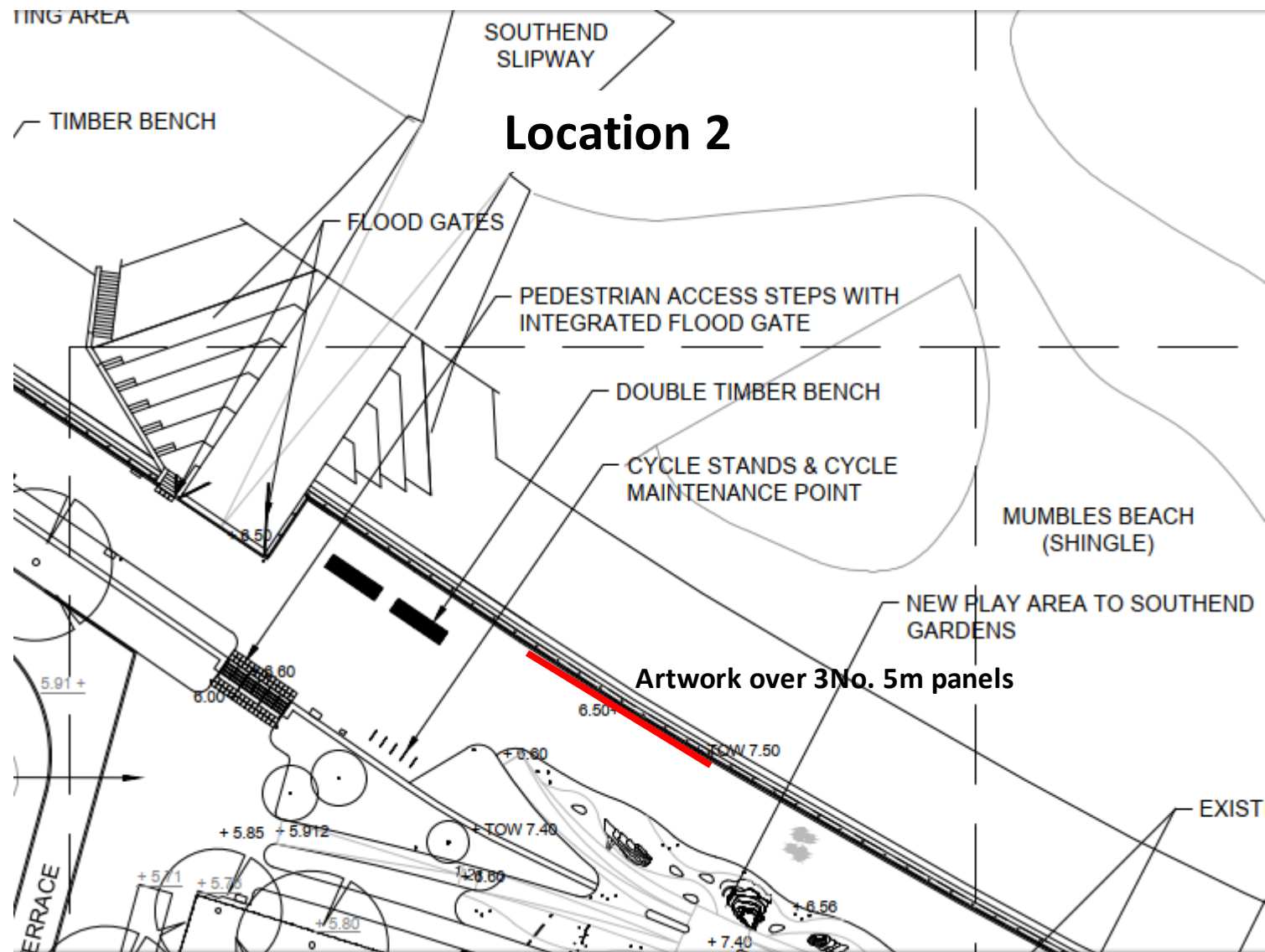
Dylid anfon ceisiadau at: Kate Wood, Swyddog Strategaeth a Phartneriaeth

Ddiwylliannol: kate.wood@abertawe.gov.uk

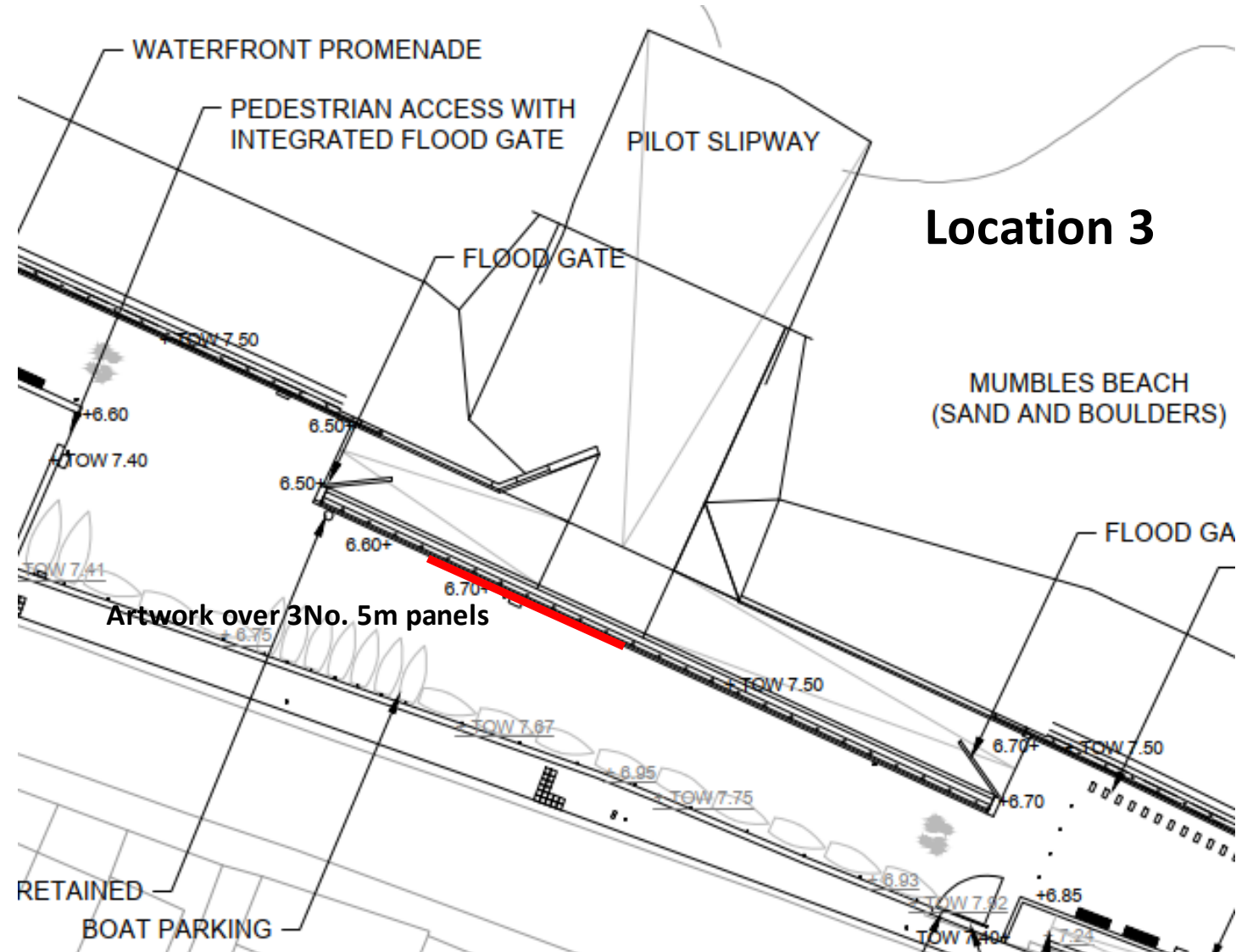
Am ragor o wybodaeth, cysylltwch â: kate.wood@abertawe.gov.uk

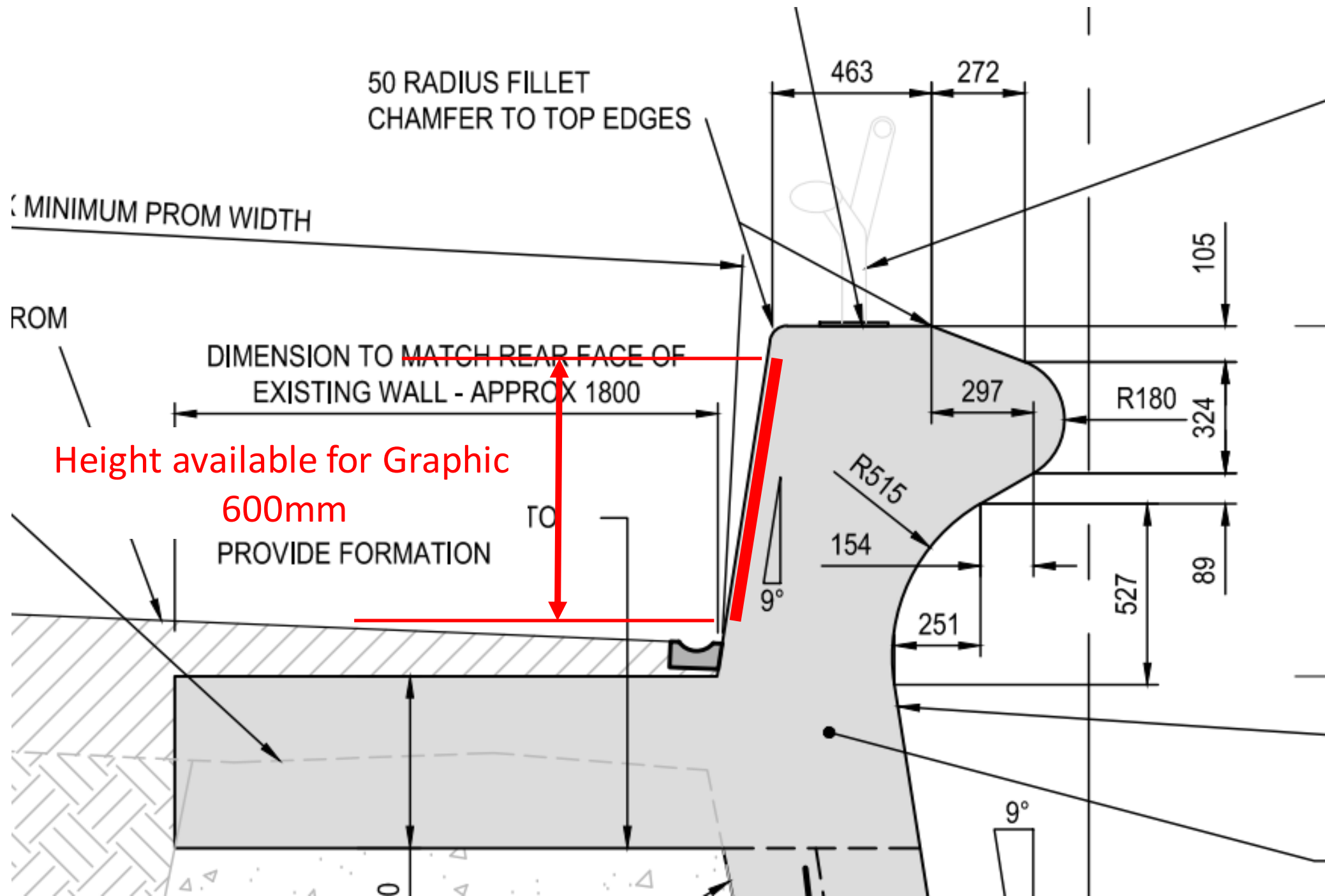






MUMBLES BEACH
(SAND AND BOULDERS)





Production methods



01

The original form is either modelled in plaster or designed using a computer: image templates and digital drawings are converted into a file for the CNC machine. This drills the texture into boarding.



02

The plaster or drilled model is sealed with separating wax and given a shell frame. Finally, a liquid elastomer is poured onto the model to make the textured formliner.



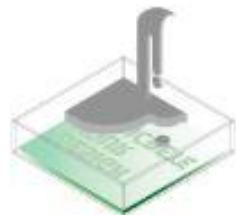
03

After the plastic has hardened, the shell frame can be removed. The high elasticity of the formliner allows a detailed reproduction of the texture and makes it so robust, that it can be reused to create multiple façade panels (up to 100 times).



04

The concrete formliner is glued to the frame and waxed with separating wax before it can be filled with concrete.



05

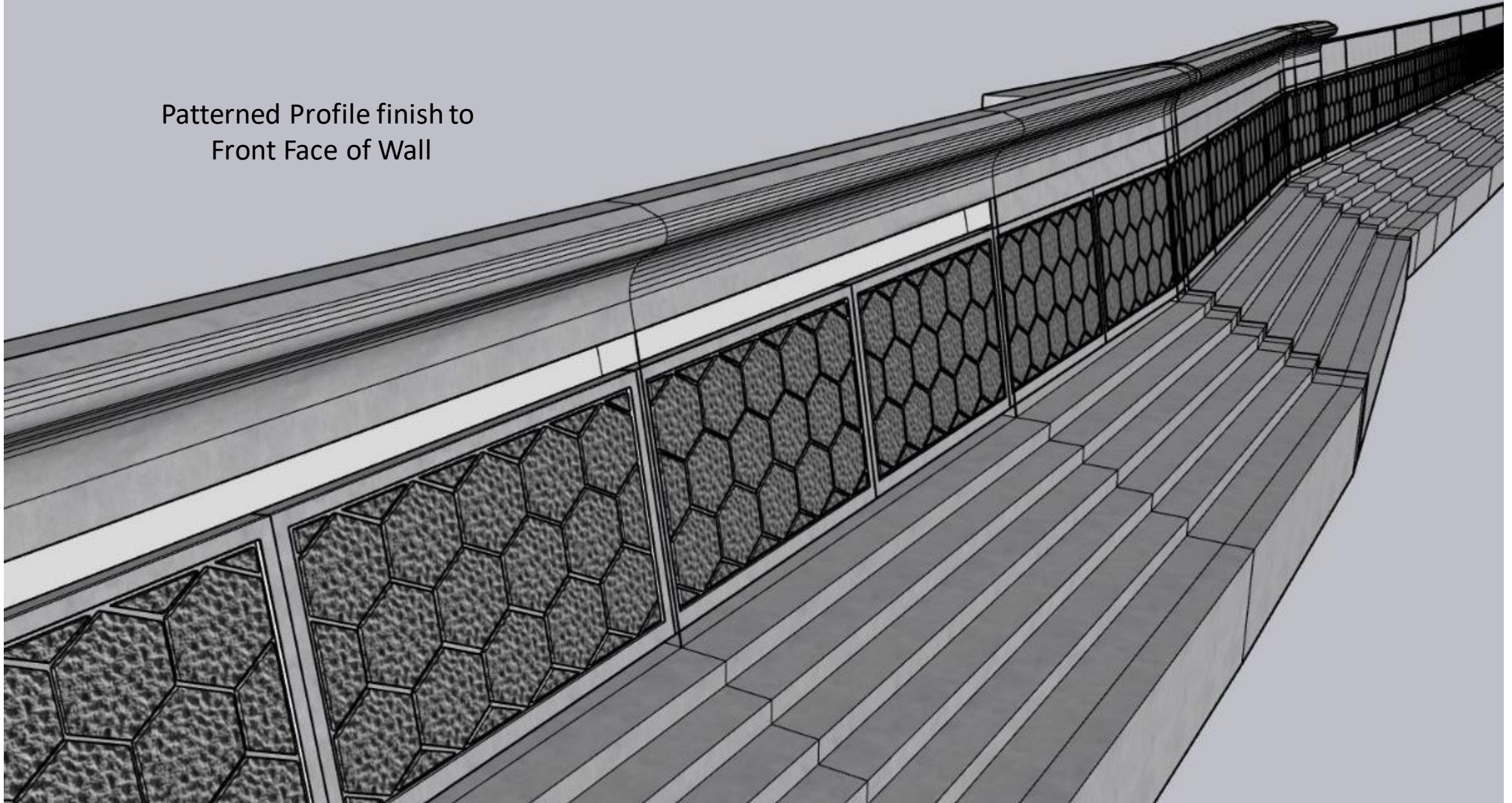
The shell formliner can be filled with concrete either on site or at a prefabrication plant.



06

After the concrete has hardened, the façade panels can be easily removed. The formliner is then ready to use again, up to 100 times depending on the type.

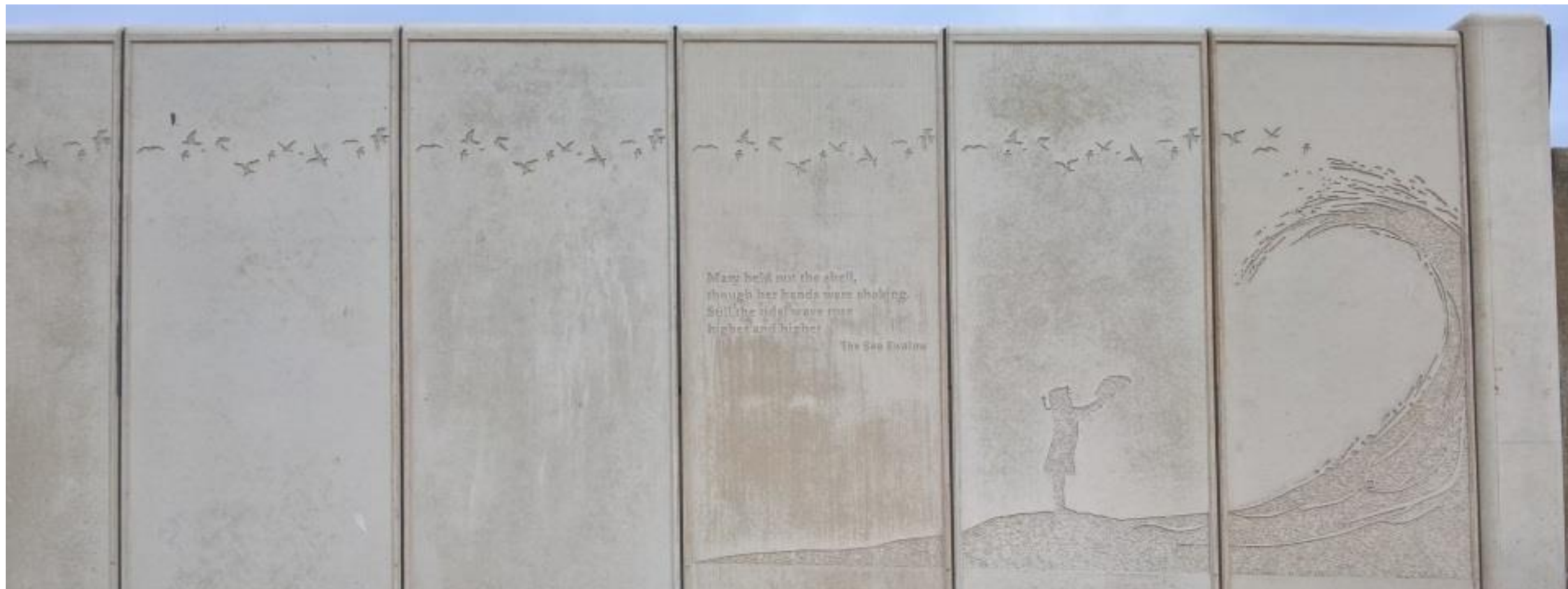
Patterned Profile finish to
Front Face of Wall





Examples of Reckli patterns
on the rear of wave return
walls





Many held out the shell,
though her hands were shaking,
Still the tide wave rose
higher and higher.

The Sea Swallow