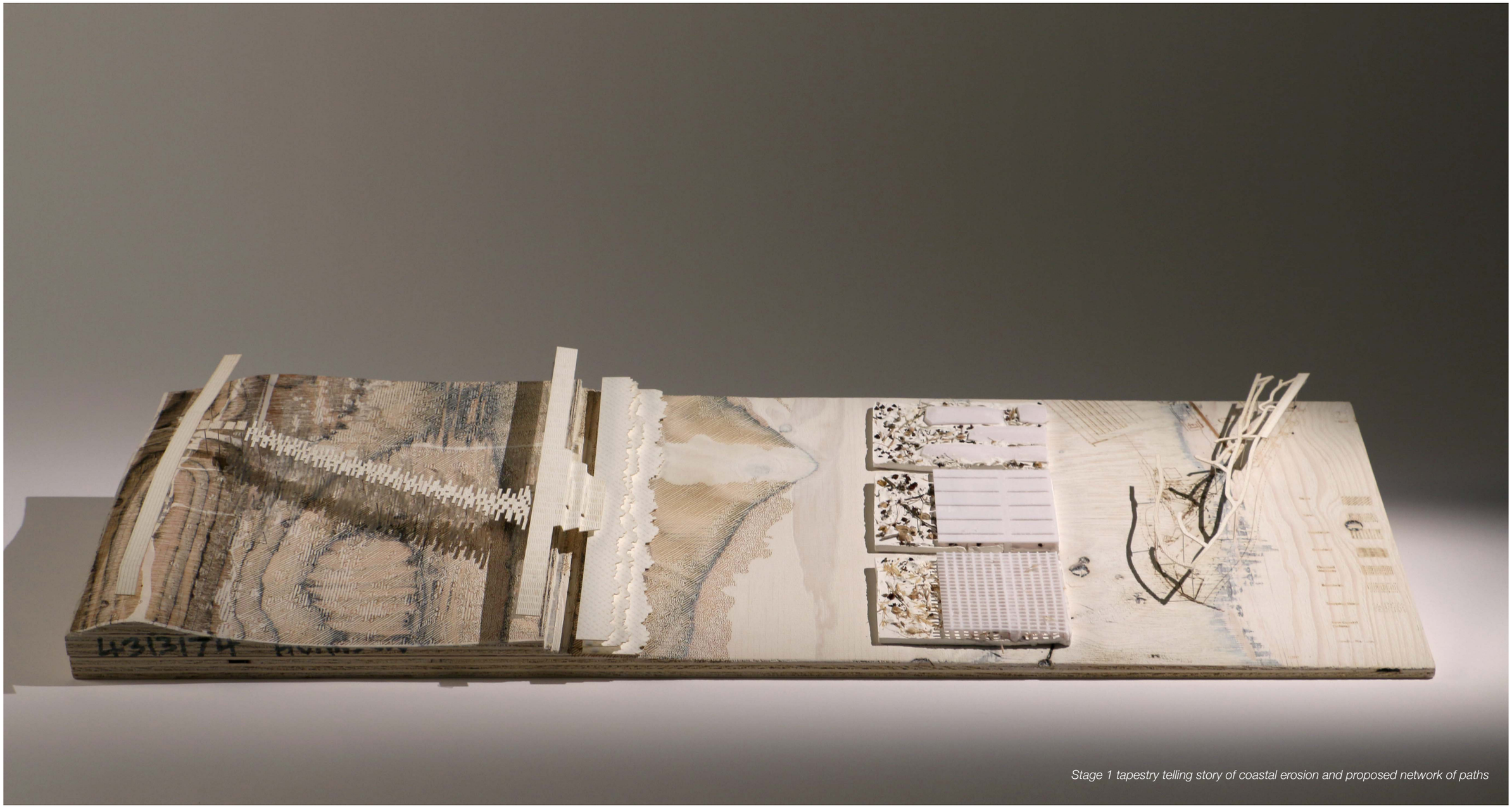
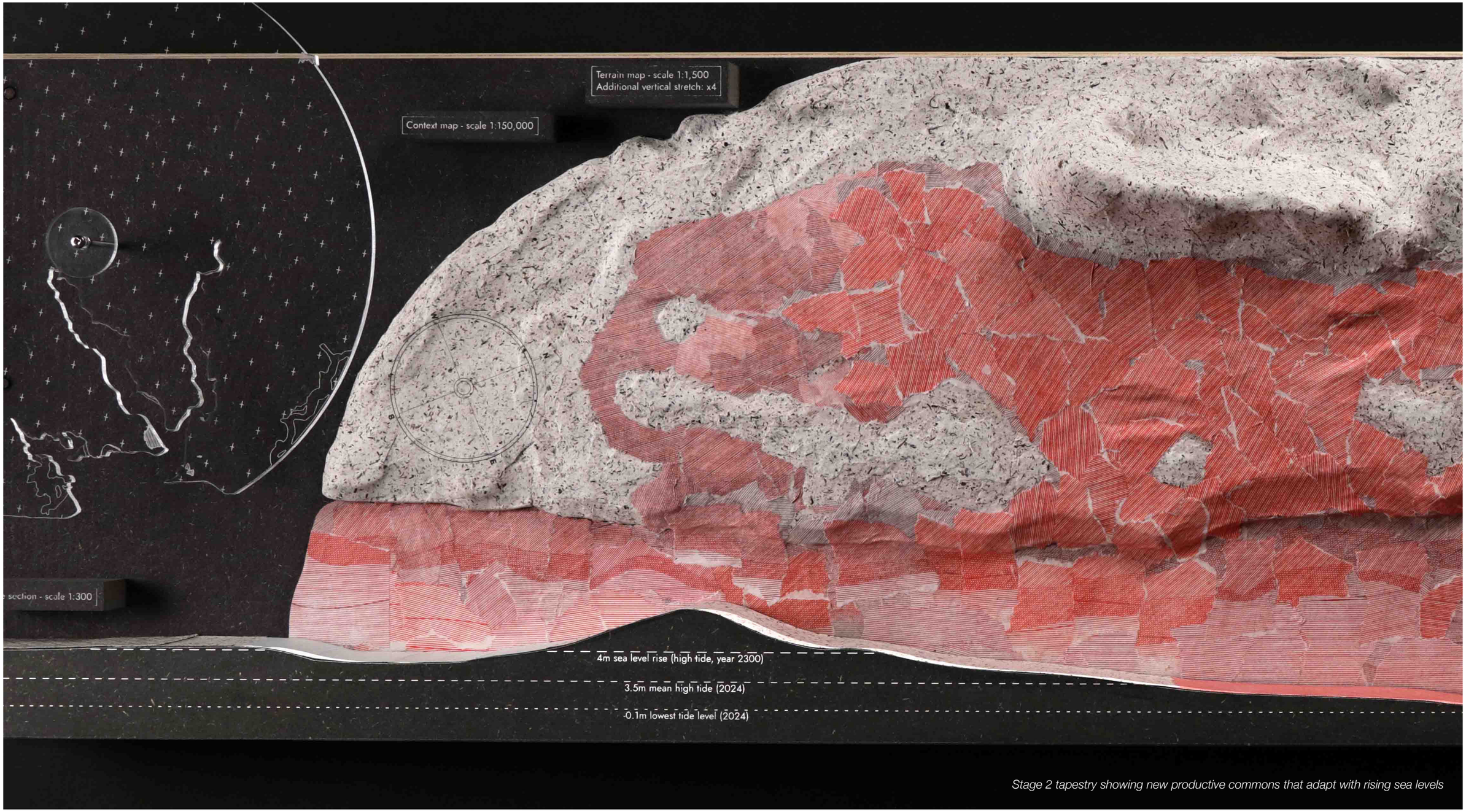


Stage 1 tapestry telling story of coastal erosion and proposed network of paths

Please provide a 250-word text explaining the selection criteria used to choose the five projects representing the school in the Ribas Piera Prize. Detail the aspects evaluated, such as conceptual quality, innovation, thematic relevance, technical resolution, or any other criteria considered in the selection process with a single image, characteristic of the academic process, to accompany the text.

The five **New Coasts** projects from the **University of Greenwich (London, UK)** represent the culmination of 3-years of **making landscapes as tapestries** – thick, layered, multi-scalar hangings that reveal the narratives of the climate impacted tidal Thames and North Sea. The projects required investigations across a vast range of spatiotemporal scales, from shipping routes and migration patterns to the decay of abandoned infrastructures and endangered plant species on protected sites. /// The experimental approach began after the Covid pandemic, when work had been flattened by too long working digitally, with the ambition to work collaboratively in the field and model-making workshops. Students developed individual projects but supported each other in learning new techniques and co-curating a public exhibition. This invention by Masters Landscape Architecture students has come to inspire new material practices for the Bachelor students and disciplines across the Greenwich Design School. /// There are **five criteria** we used to select projects: **[1] rigorous analysis of material site conditions; [2] contextualisation within regional, national, and/or planetary processes; [3] working collectively; [4] experimenting with design and representation; [5] innovative techniques and practices.** /// All projects include a stage 1 proposal at a local scale and stage 2 development of strategic proposals at urban and regional scales.



Stage 2 tapestry showing new productive commons that adapt with rising sea levels

Country/City	United Kingdom(UK) / London
University / School	**University of Greenwich / School of Design**
Academic year	2023/24
Title of the project	**Landguard Commons: Zoning Out**
Authors	**Flynn Morton**

TECHNICAL DOSSIER

Title of the project Landguard Commons: Zoning Out

Authors Flynn Morton

Title of the course MLA Landscape Architecture

Academic year 2023/24

Teaching Staff Helena Rivera and Ed Wall

Department / Section / Program of belonging Landscape Architecture and Urbanism

University / School University of Greenwich / School of Design

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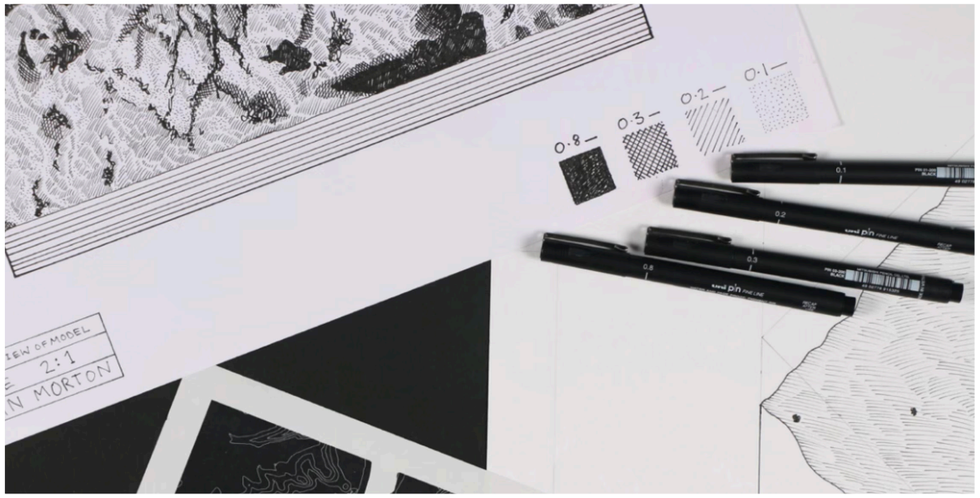


Exhibition of projects co-curated and installed by students

Written statement, short description of the project in English, no more than 250 words

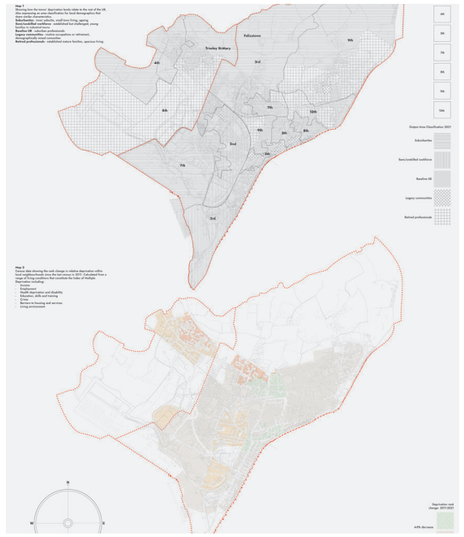
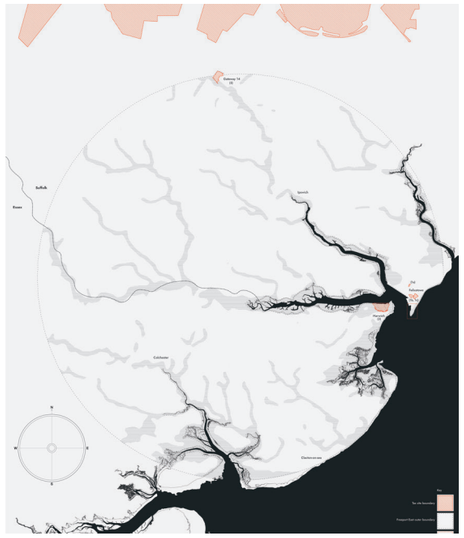
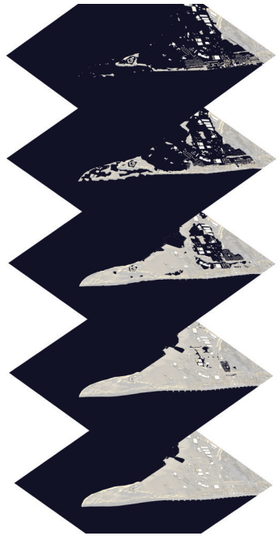
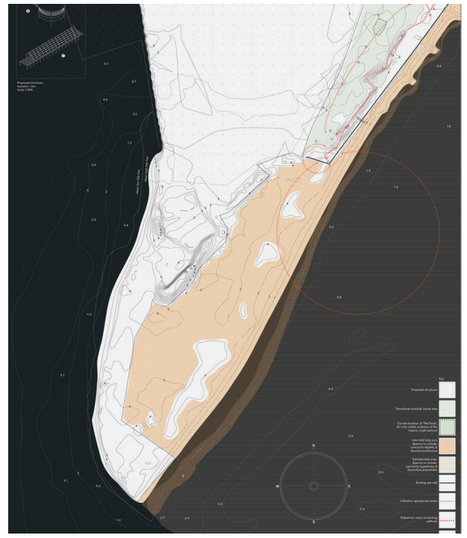
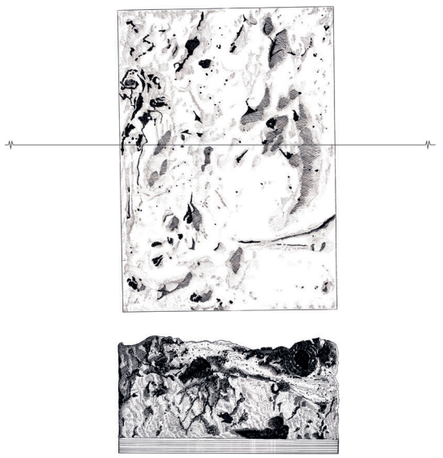
In response to the creation of the Freeport East Special Economic Zone, a trade and business designation devised by the Conservative party following Brexit, **this project speculates on what a new form of public space** in this highly charged political landscape. The design embraces ecosystem innovation to mitigate the effects of climate change and reveals the potential to activate a more local economy on the Landguard Nature Reserve. **A restored commons that is productive, radical, and resilient will prevent humans and non-humans from being excluded from the new economic zone.**

The proposal **registers a new official commons** on the land owned by East Suffolk Council. **The design includes a commons council that will manage the commons and a charity that will organise farming operations and construction.** Strategic excavations will serve to establish a brackish salt marsh to boost local biodiversity and help protect the site from erosion and storm surge. Reed cultivation will provide a source of thatch material to be used in the construction of new built structures. Kelp foresting will further provide coastal protection as well as a source of food, medicine, material for stabilising the coastal commons.

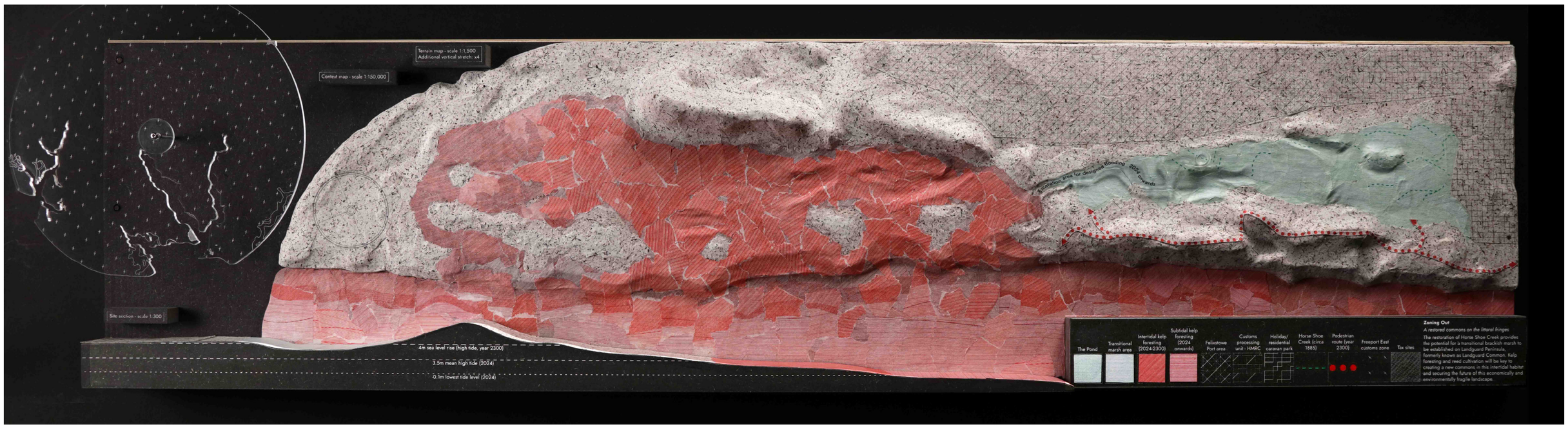
Barcelona International Landscape Biennial

Contact via email:
biennaladm@coac.net

Venue:
COAC - Col·legi Oficial d'Arquitectes de Catalunya
Carrer Arcs 1-3, 08002 Barcelona - Spain

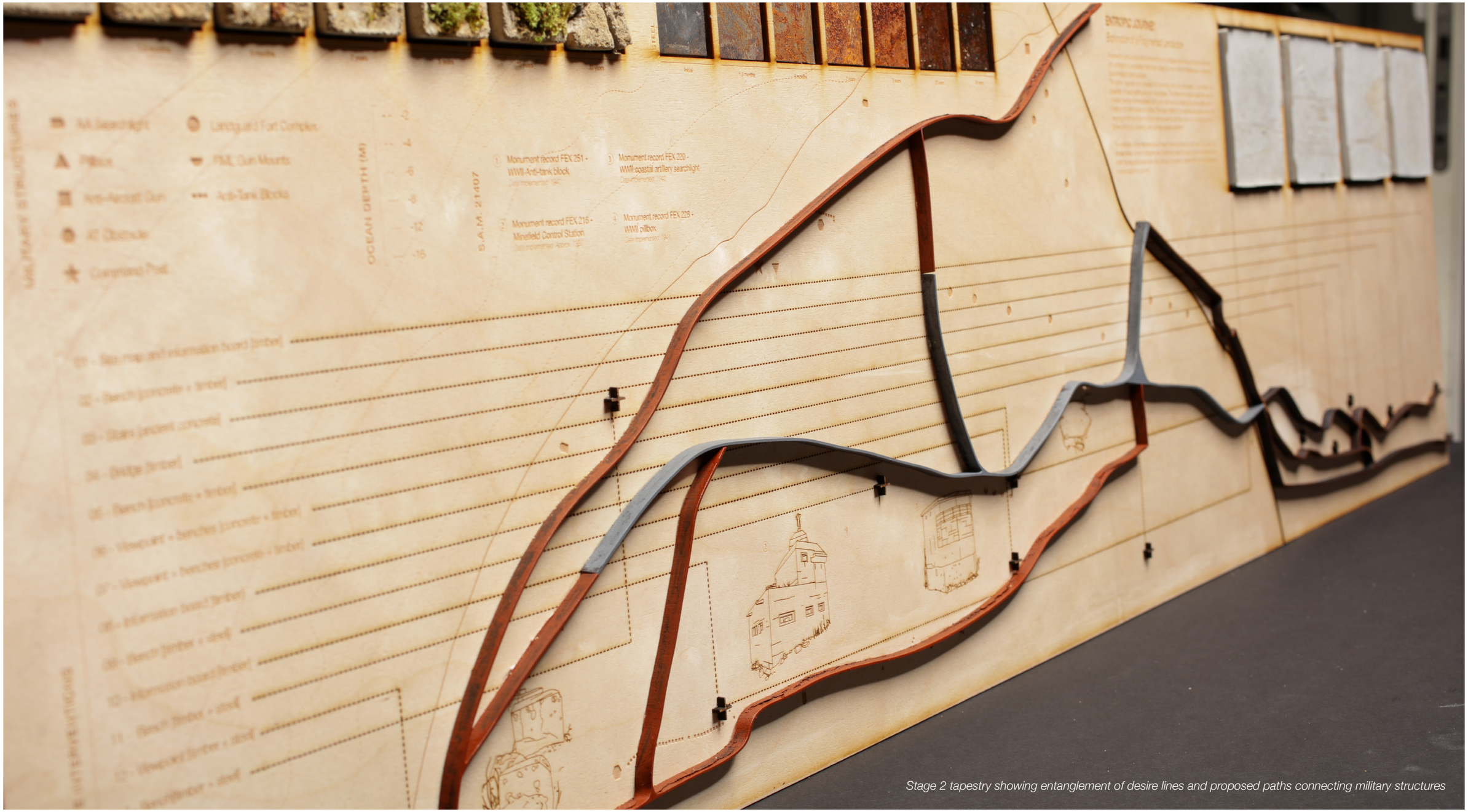
Above (left to right): mapping of free zone; mapping of ecological and processes and trade designation; mapping predicted future flooding; plan of proposed commons; plan and section drawing of site materials cast in plaster



Above: tapestry of proposed productive commons

Below (left to right): site materials cast in plaster; preparation for exhibition; detail of stage 1 tapestry; detail of stage 1 tapestry; stage 1 tapestry



Stage 2 tapestry showing entanglement of desire lines and proposed paths connecting military structures

Country/City	United Kingdom(UK) / London
University / School	**University of Greenwich / School of Design**
Academic year	2023/24
Title of the project	**Enropic Journey**
Authors	**Sam Simson**

TECHNICAL DOSSIER

Title of the project	**Enropic Journey**
Authors	**Sam Simson**
Title of the course	MLA Landscape Architecture
Academic year	2023/24
Teaching Staff	Helena Rivera and Ed Wall
Department / Section / Program of belonging	Landscape Architecture and Urbanism
University / School	**University of Greenwich / School of Design**

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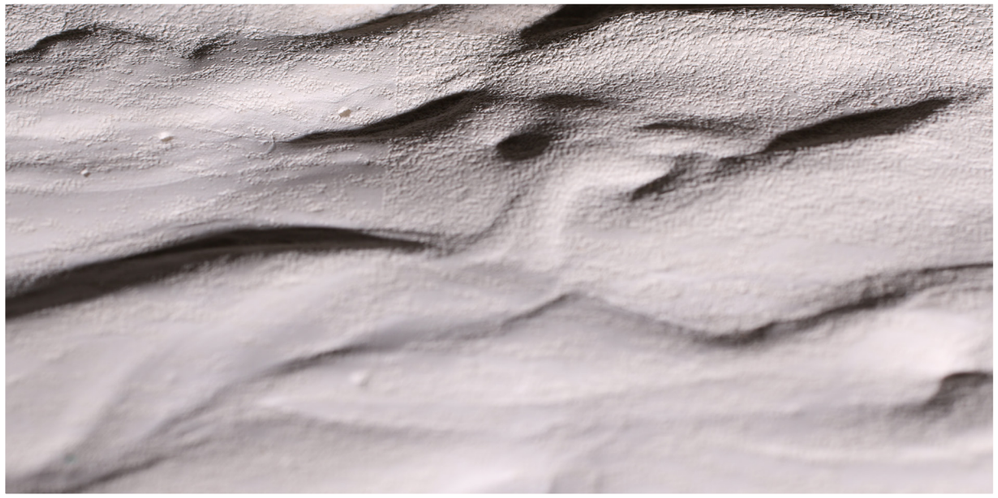
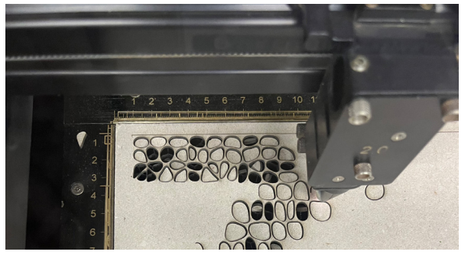
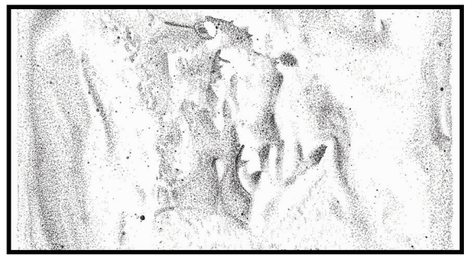


Exhibition of projects co-curated and installed by students

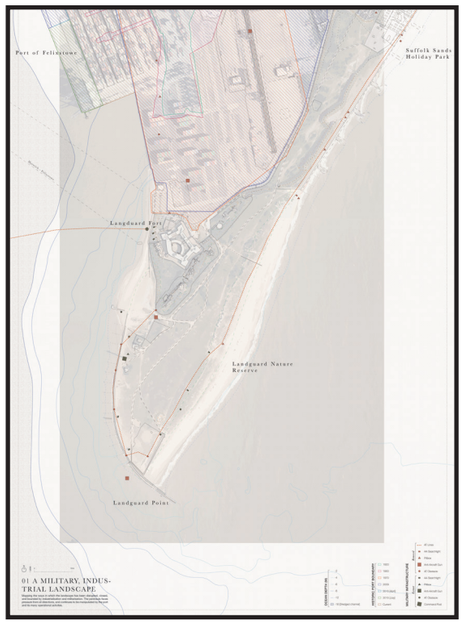
Written statement, short description of the project in English, no more than 250 words

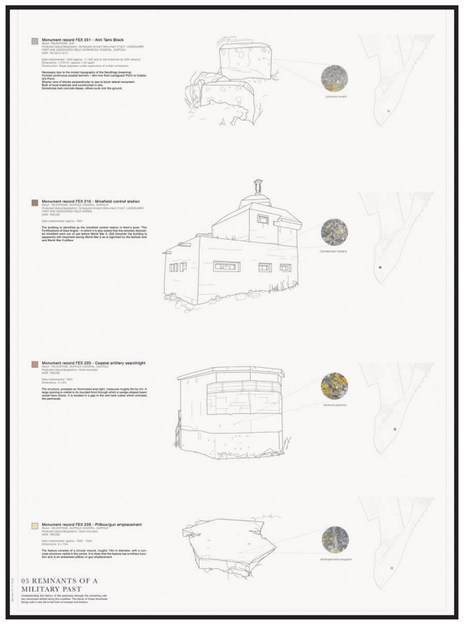
Entropic Journey is a network of paths and structural interventions on Landguard Peninsula that aim to **re-connect and understand a landscape historically closed by war** (World War II), whilst simultaneously considering future climate threats to the coast. **Stage one of the project sets out walkable reefs that are revealed at low tide.** Utilising re-purposed marine dredged material, the reef is composed of hydro-dynamically and ecologically designed concrete modules. The design aims to regenerate marine biodiversity whilst mitigating the effects of coastal erosion and sea surges. The paths from stage one connect to and traverse dilapidated war time structures in stage two. **The route highlights war-time structures decaying under the force of entropy and encourages new life in the form of natural growth of lichens and fungi.** Interventions highlight the vulnerability of the land to climate change, flooding, and industrialisation. The materiality of the interventions is chosen to embrace entropy and decay so visitors can witness these forces in a tangible way. Weathering steel changes colour and breaks down under the forces of wind, salinity, and weather. Concrete is painted with natural substances to encourage lichen growth. **Entropic Journey** poetically highlights the temporalities and vulnerabilities of coastal landscapes.

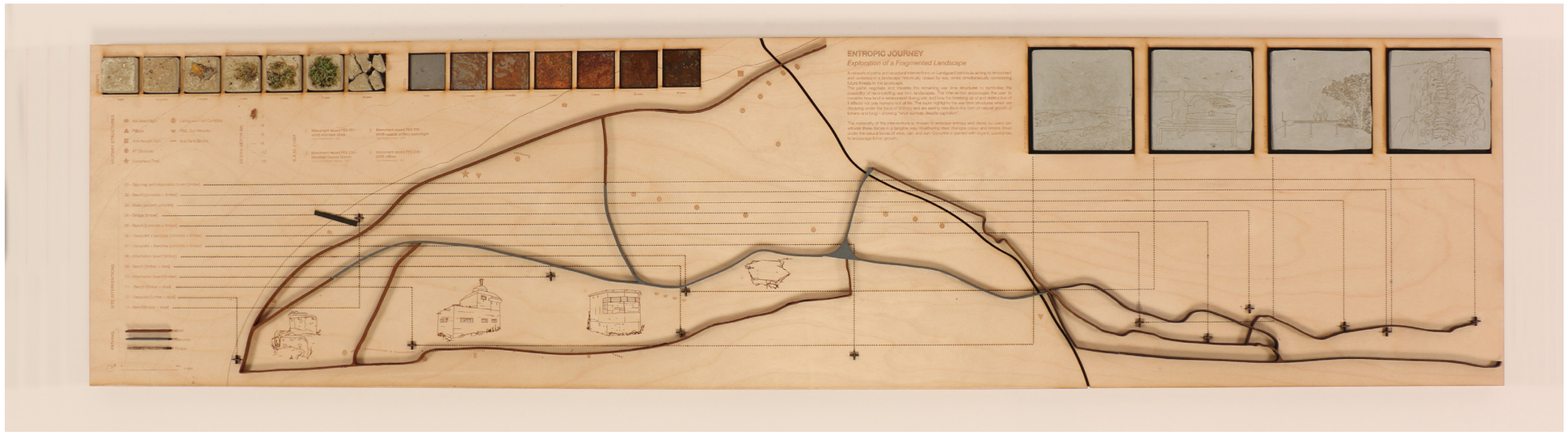




Top (left to right): close-up of concrete experiments; laser cutting tests; close-up of steel treatments
Middle (left to right): cast of site materials and drawing of cast of site materials; plan of proposal; study of historic military structures; material research; stage 1 tapestry making
Botton (left to right): stage 2 tapestry; drawings of proposed interventions







Stage 2 tapestry showing new park that makes tangible and addresses air pollution from adjacent port and shipping

Country/City	United Kingdom(UK) / London
University / School	**University of Greenwich / School of Design**
Academic year	2024/25
Title of the project	**Air eQuality: Revealing the Air**
Authors	**Rhiannon Marshall**

TECHNICAL DOSSIER

Title of the project	**Air eQuality: Revealing the Air**
Authors	**Rhiannon Marshall**
Title of the course	MLA Landscape Architecture
Academic year	2023/24
Teaching Staff	Helena Rivera and Ed Wall
Department / Section / Program of belonging	Landscape Architecture and Urbanism
University / School	**University of Greenwich / School of Design**

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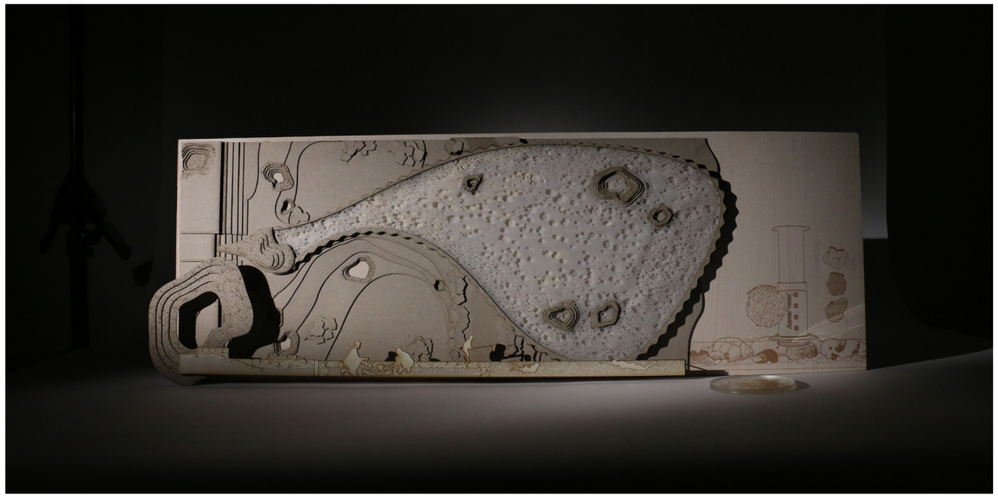
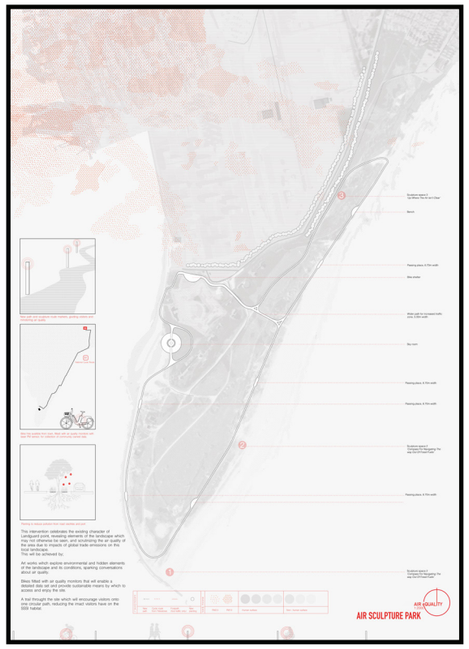


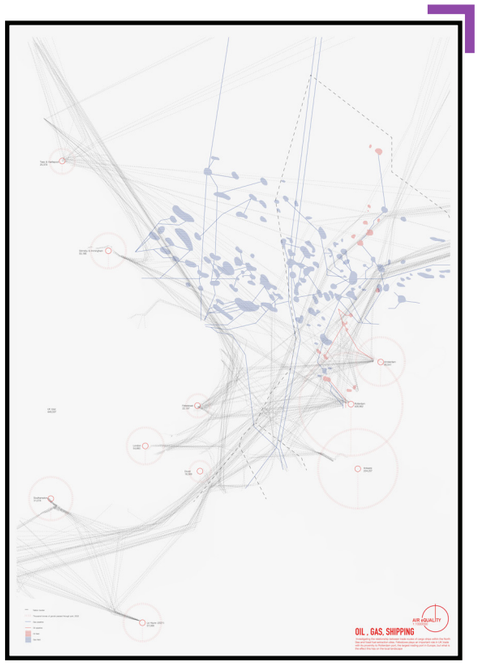
Exhibition of projects co-curated and installed by students

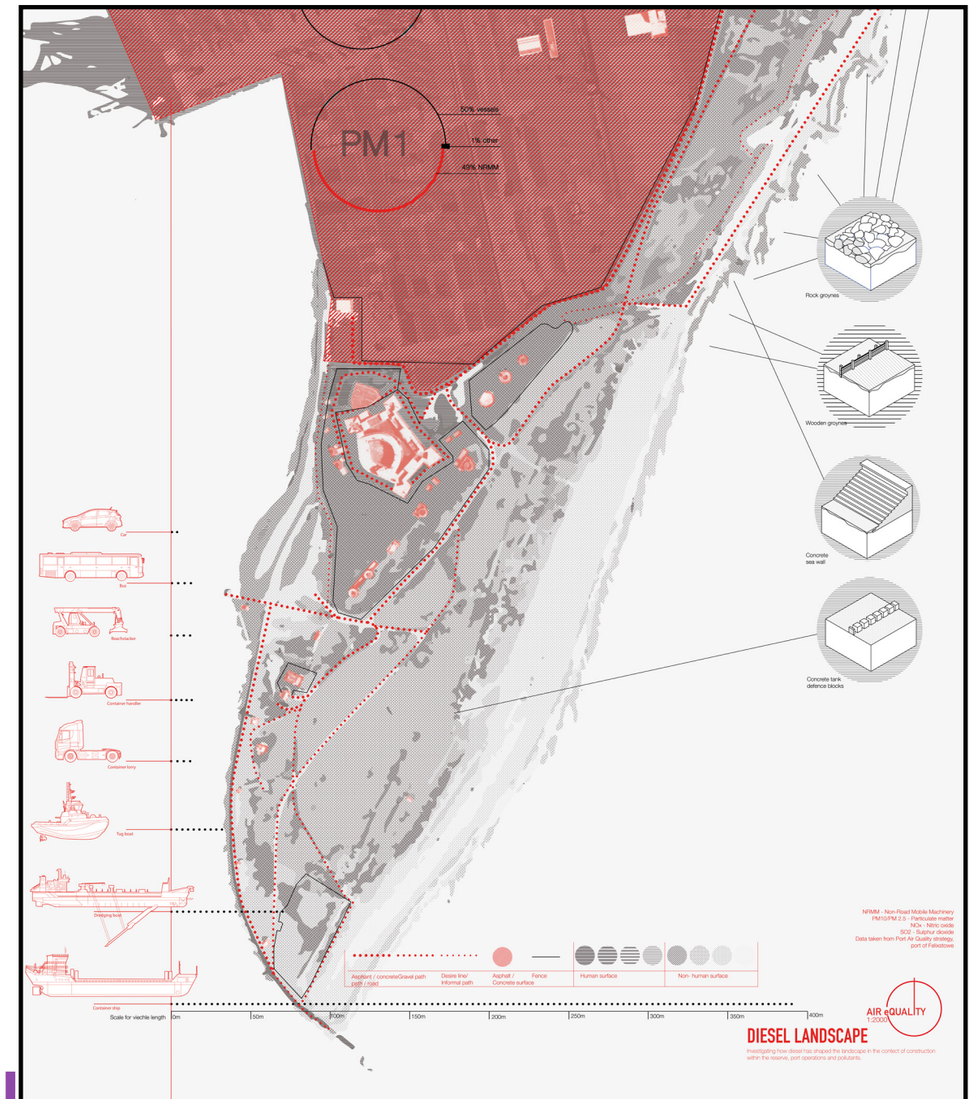
Written statement, short description of the project in English, no more than 250 words

An initial **exploration of sedimentation** along the North Sea coast developed to focus on the **shipping emissions that condense on this paradoxical peninsula.** Outside of the port borders, the nature reserve is protected by SSSI status and scheduled monument designations. The proposal for **a sculpture park places significant emphasis on air quality and pollutants**, conveyed by using lino printed silk pointing to the fragile ecosystem impacted by industrial processes.

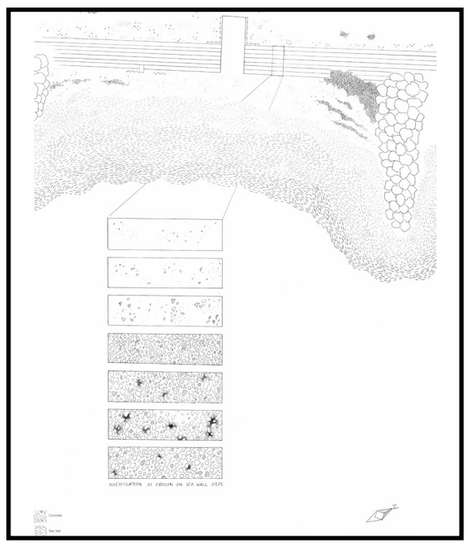
The project aims to reveal imperceptible elements of the landscape. In the centre of the park is the “sky room”; devoid of distractions, the viewer’s gaze is drawn skywards sparking conversations about the air around us. At the sky room’s centre a reflection pool acts as a vessel for scrying - a body of still water that may become a sky gazing mirror to offer moments of revelation or inspiration. The park’s accessibility is enhanced by **bicycles provided** from the town centre, **promoting clean transport but also as data collectors for air quality.** A newly constructed path, shown in acid etched copper with sulphur patina highlights the **sulphur dioxide emissions of cargo ships**. The path guides visitors to installations and transforms accessibility while **reducing erosion to the protected shingle vegetation.**

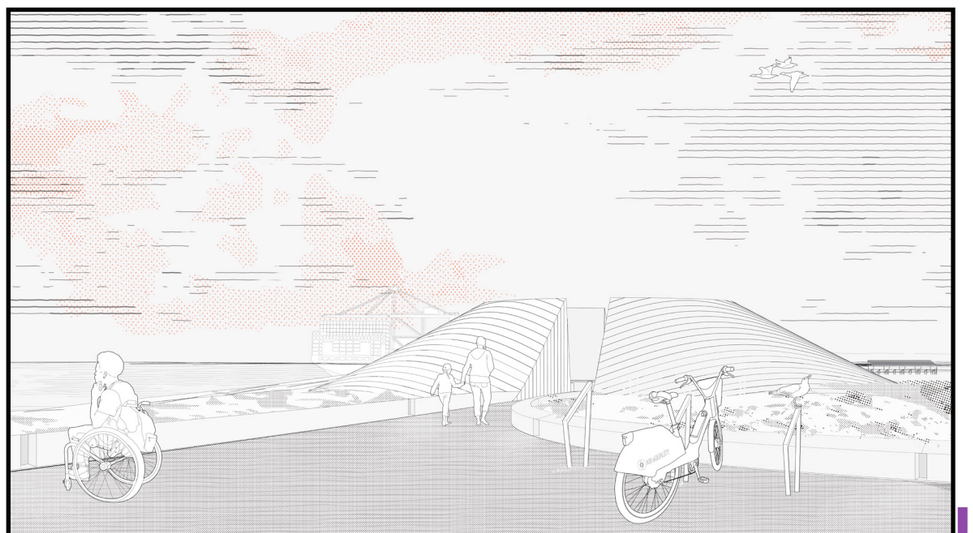






Clockwise (from top left): stage 2 tapestry; plan of new park; mapping of shipping and oil; material studies of shoreline; exhibition preparation; eye-view of sky-room; sediment from sea filtered and cast in resin; plan of coastal erosion; plan study of existing nature reserve and shipping activity.





View of boardwalks constructed from reused materials within the estuary

Country/City	United Kingdom(UK) / London
University / School	**University of Greenwich / School of Design**
Academic year	2023/24
Title of the project	**Mud | Guard: Negotiated Sediment**
Authors	**Hannes Aava**

TECHNICAL DOSSIER

Title of the project	**Hannes Aava**
Authors	**Mud | Guard: Negotiated Sediment**
Title of the course	MLA Landscape Architecture
Academic year	2023/24
Teaching Staff	Helena Rivera and Ed Wall
Department / Section / Program of belonging	Landscape Architecture and Urbanism
University / School	**University of Greenwich / School of Design**

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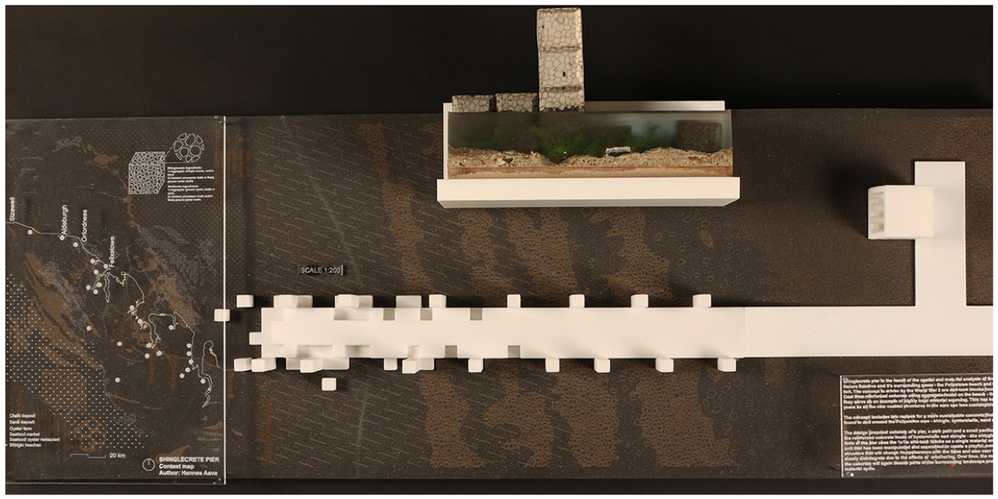

Exhibition of projects co-curated and installed by students

Written statement, short description of the project in English, no more than 250 words

Mud | Guard is a 2-part project that takes inspiration from the form and materiality of the World War II anti-tank blocks in Landguard Nature Reserve to investigate **new approaches to coastal erosion and flooding**. The first stage includes a coastal pathway that incorporates a pier designed to limit coastal erosion. The speculative material – shinglecrete – is reinforced concrete that uses local shingle as the aggregate and cement from regionally sourced oyster shells as the binder, exploring more sustainable ways of managing coastal construction.

The second part of the project **extends the design along the inland mudflats and salt marshes**, using a strategy of sediment and environmental management to mitigate seawater rise and coastal erosion. The intertidal mudflats and salt marshes are key habitats and vital in the protection of the coasts from erosion and flood risk for the rivers Orwell, Stour and Deben, as highlighted by the Special Protection Area (SPA), a Site of Special Scientific Interest (SSSI), Ramsar and GEOSites designations. **Central to the design is a pathway system of revetments that mediate between human and non-human stakeholders and environmental challenges of dredging, construction, and farming.**

Barcelona International Landscape Biennial

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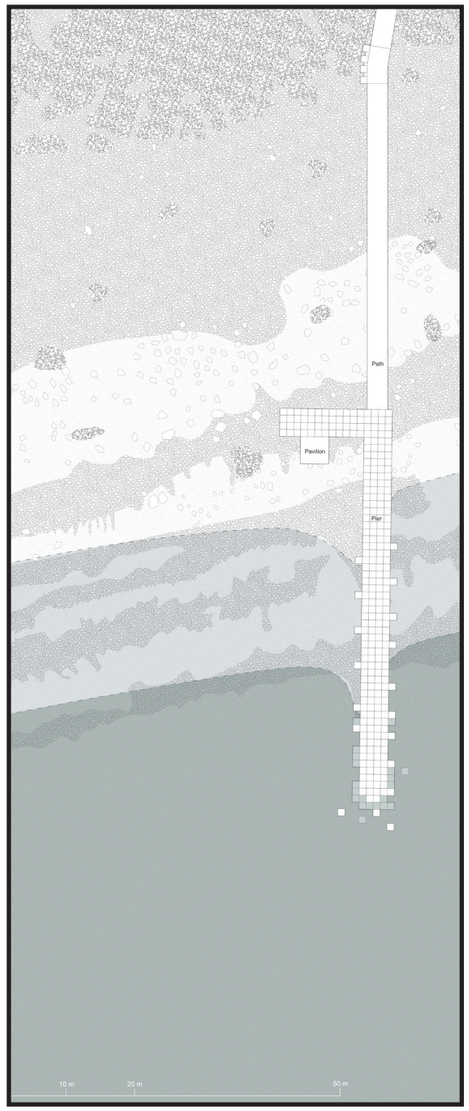
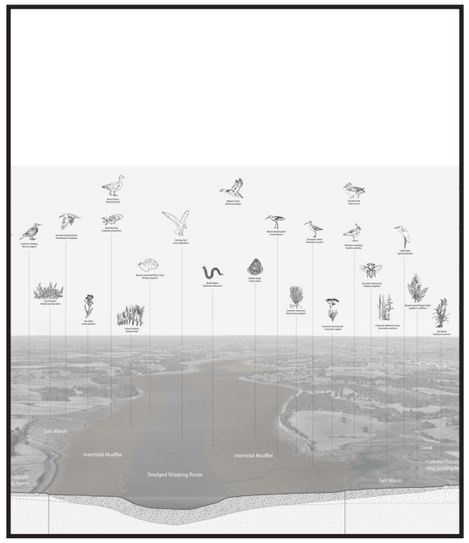
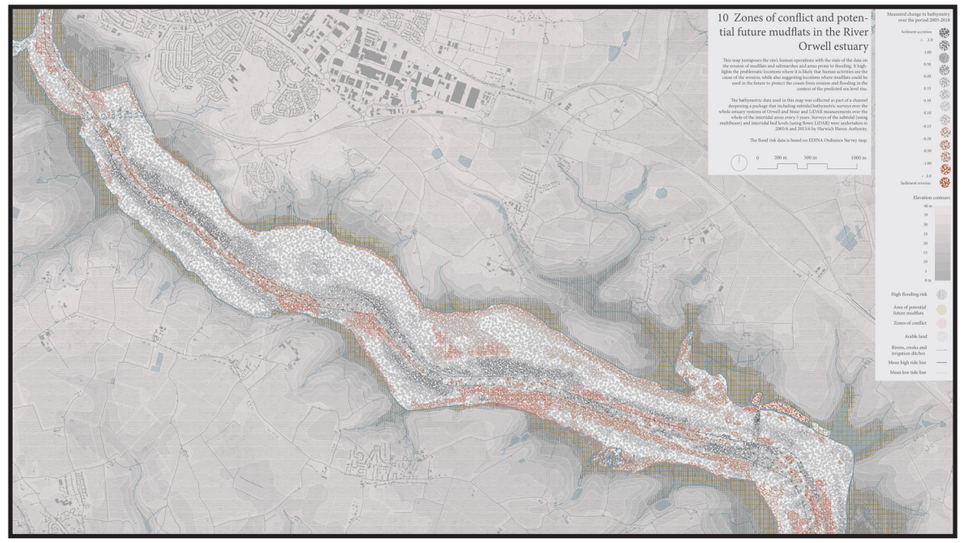
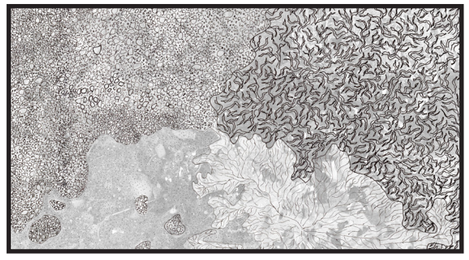
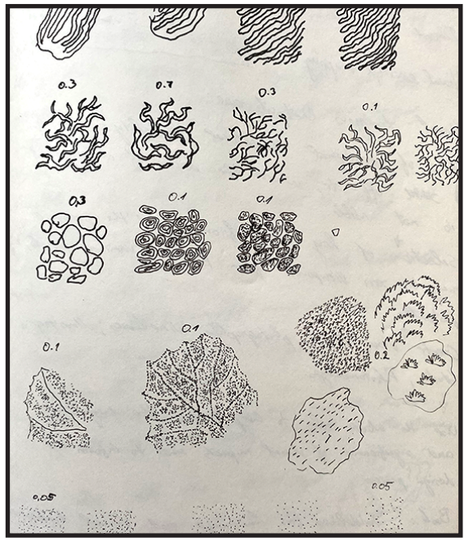
Venue:
COAC - Col·legi Oficial d'Arquitectes de Catalunya
Carrer Arcs 1-3, 08002 Barcelona - Spain











Top (left to right): plan of stage 1 proposal; etched concrete tests; mapping ecologies of estuary; analysis of river system
Middle (left to right): drawing of material conditions; test sketches; existing concrete blocks; proposed pier constructed from shinglecrete
Bottom (left to right): stage 2 tapestry; view of proposed path network in river estuary

Stage 1 tapestry telling story of coastal erosion and proposed network of paths at three scales

Country/City	United Kingdom(UK) / London
University / School	**University of Greenwich / School of Design**
Academic year	2023/24
Title of the project	**Fragile Coasts: National Cycle Route 51**
Authors	**Rachel Clements**

TECHNICAL DOSSIER

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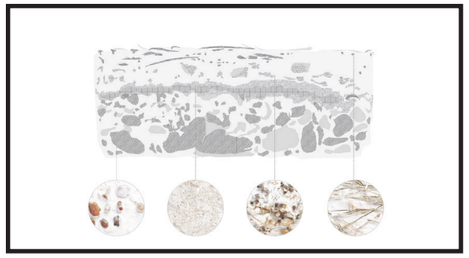
Title of the project	**Fragile Coasts: National Cycle Route 51**
Authors	**Rachel Clements**
Title of the course	MLA Landscape Architecture
Academic year	2023/24
Teaching Staff	Helena Rivera and Ed Wall
Department / Section / Program of belonging	Landscape Architecture and Urbanism
University / School	**University of Greenwich / School of Design**

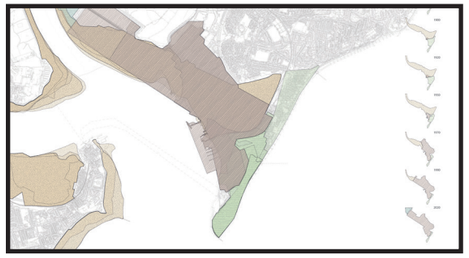
Exhibition of projects co-curated and installed by students

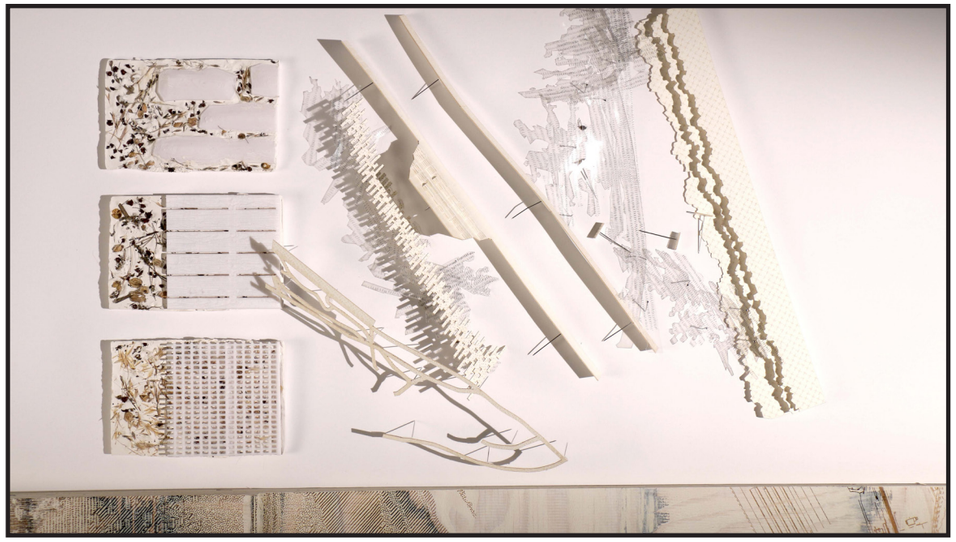
Written statement, short description of the project in English, no more than 250 words

Fragile Coasts begins by exploring the vegetated shingle habitat of **Landguard Nature Reserve** marked by many unplanned desire lines. The neighbouring container port attracts visitors to the area, which damages the habitat through seasonal footfall. The first stage of the proposal includes **a network of three different paths that protect the rare habitats whilst simultaneously facilitating use of the site**. Stepping stones, mesh walkways and timber boardwalks provide clear access and site connectivity, whilst enabling the endangered plants to thrive.

Recognising that many visitors arrive at Landguard Nature Reserve by car, the second stage of the project proposed National Cycle Route 51 from the common to Ipswich Town centre. Analysis of routes recorded in the Komoot app illustrate how cyclists choose to move from urban to rural areas, seeking fewer cars and hazards, where they are more immersed in nature. **The design does not just bring visitors to the Nature Reserve but through its strategically planned route, it extends the ecologies of the Nature Reserve into the town.** The route includes free bike fixing stations and water points, as well as attractions such as a bridge over the River Orwell salt marshes and viewing platforms at Trimley salt marshes, where users can pause and immerse themselves in this rich natural environment.







Clockwise (from top left): site material study; elements of stage 1 tapestry; study of potential cycle route; isometric of proposed cycle route and signage; plan of proposed cycle routes from nature reserve to Ipswich; stage 2 tapestry; mapping of nature reserve and port change over decades; detail of stage 1 tapestry; plan study of shoreline and materiality