Activating the threshold between fjord and city in Bestumkilen

Ragnhild Angel

AHO - Oslo School of Architecture and Design, Institute of Architecture

Supervisors: Lisbeth Funck and Matthew Anderson

Fall 2022

Binder 2

A rowing and padling club, and public access in Bestumkilen

Content:

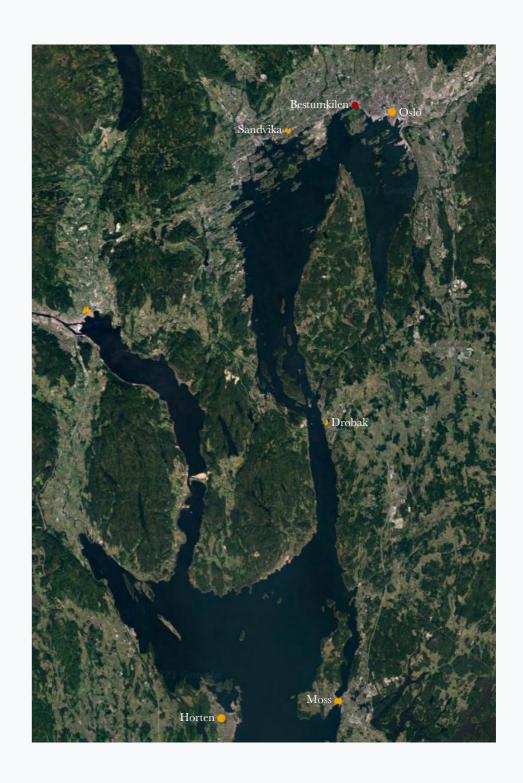
- Prestudy/registration/analysis:
- Territory
 - Maps: Oslo/Bestumkilen
 - Markagrensa/Oslofjorden
 - •Fjord-city plan

- Bestumkilen/Sjølyst/Site

- Historical maps
- Historical images
- Site: Bestumkilen
- Registration: Images from site
- Registration: Thresholds on site
 Process:
 - Sketches
 - References and typologies
 - Program organization
 - Spatial studies
 - Modelimages

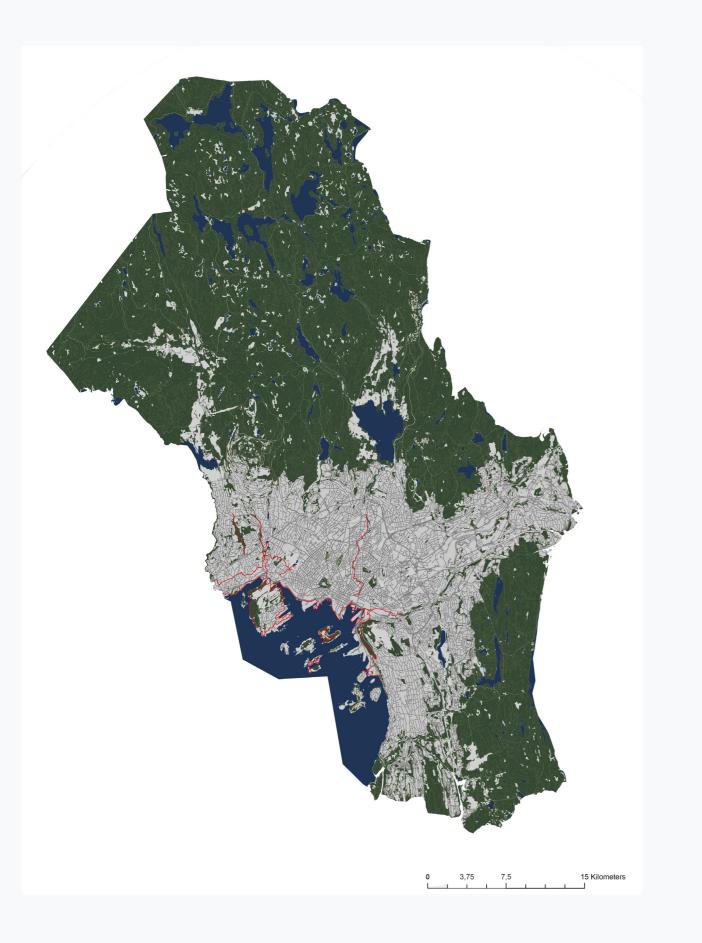
Mapping the territory:

Map: Territory



Map: Oslo and the site

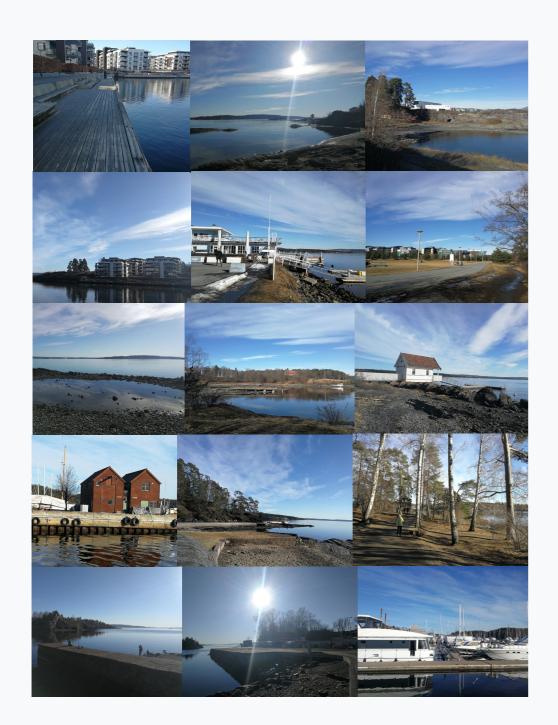




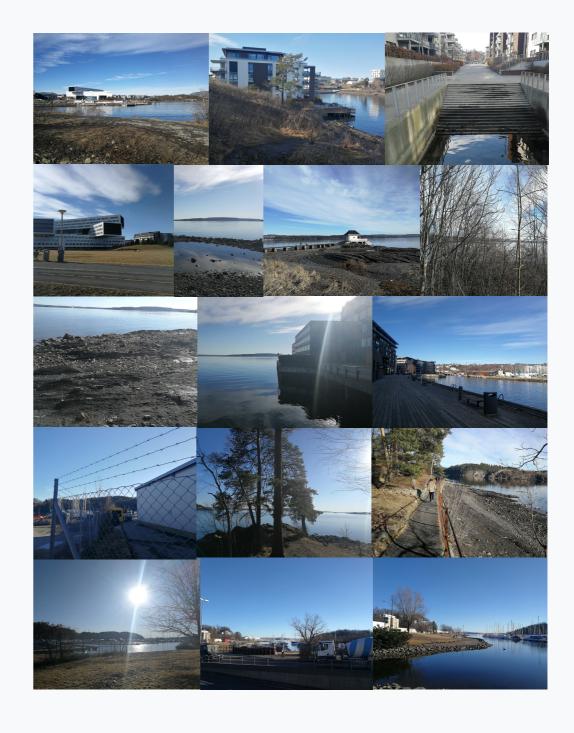
Map: Coastal paths in Oslo



The site is in connection with the costal path



Registering territory: Personal registration of the waterfront from Snarøya to Frognerkilen



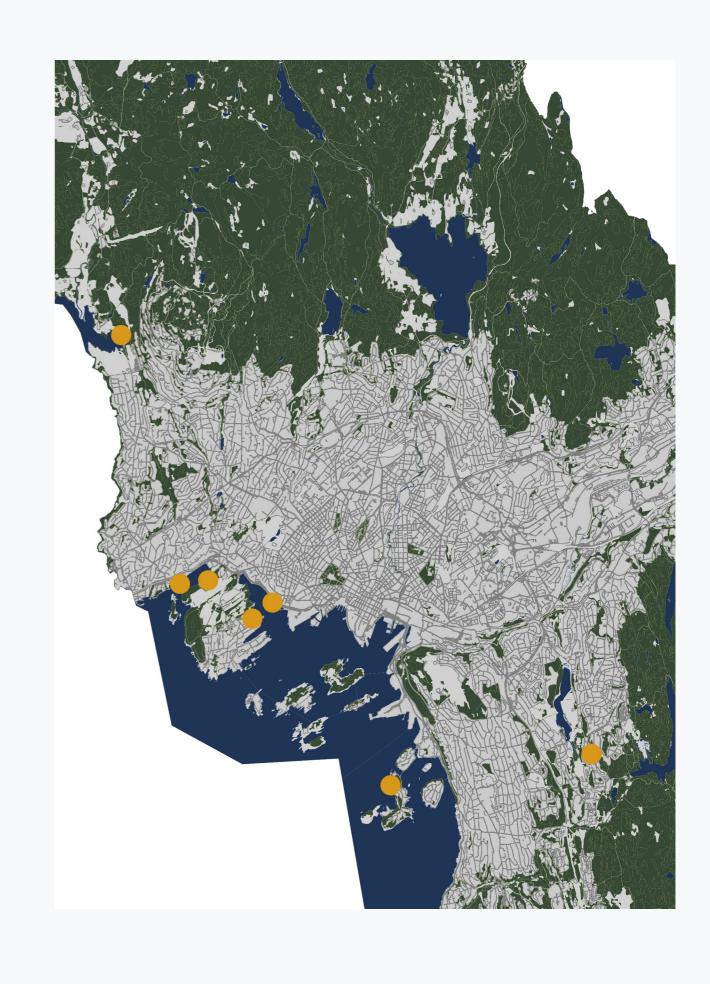
Map: Bestumkilen and Frognerkilen



0 0,38 0,75 1,5 Kilometers

Map: rowing clubs in Oslo

There is a density of rowing and padling clubs nearby my site, and an already established and active community.



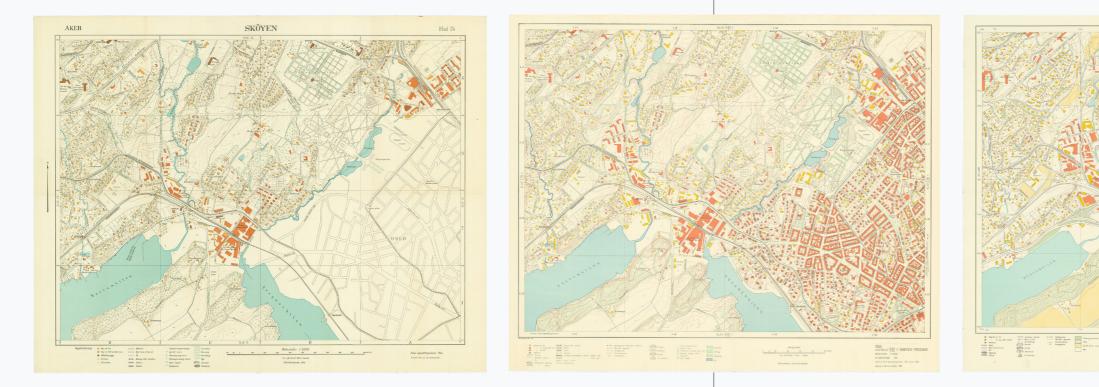
Fjord-city plan - work experience

In the summer 2021 I worked in the Planning and Building Services in Oslo, under the Fjord-city project. We worked a survey on how the newly developed areas in the Fjordcity-plan are received by the visitors. We worked in ten different areas, observing how the areas were used, as well as interviewing 400 different people. This was done as an initiativ from the state after receiving bad publicity, and they wanted to see what the inhabitants think about the areas. It was also investigated what kind of people that are using the areas, how they are using them, how they describe the areas, and how they suggest the areas to be further developed.

Through this work we could see that the areas with open areas with free space, as well as possibilities for activities and no-cost meeting spaces, were very popular. The areas that had a good connection to the fjord, such as swimming facilities, fishing, or floating saunas, were well received. This work showed me the importance of informal spaces to meet and connect with the nature, and inspired me to continue working on this topic.

Link to the report including this work: https://innsyn.pbe.oslo.kommune.no/saksinnsyn/showfile. asp?jno=2022087259&fileid=10303894&fbclid=IwAR0OzRbAkbFhWiq4I_vogVq5J4UW788nsY7Na-blDz3yo9owKAMvUVF8by_Y

Historical images and maps:



Map from 1944

Map from 1950

Historical maps showing Bestumkilen and Frognerkilen. E18 was created in 1970. The inner part of Bestumkilen and Frognerkilen were landfilled. The inner part of Bestumkilen have housed different buildings, in 1970 Norges Varemesse.



Map from 1974



Bestumkilen, Foto: Wilse, Anders Beer / Oslo Museum /1925

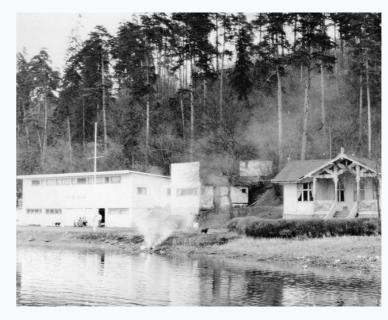


Bestumkilen, Foto: Wilse, Anders Beer / Oslo Museum /1936

Historical images showing Bestumkilen before E18 and the landfillings. The area was a wetland-land used as pasture. The other side of the wedge from Bygdøy was hilly before the creation of E18.



View over Bestumkilen, Foto: Broch, Jens Peter / Oslo Museum /1865



Oslo Roklubb before the landfill, located next to the water

Mapping the site:

Mapping: The site - Personal observation



Current life in Bestumkilen:

There is today a lot of activity in the site in Bestumkilen. The site has a characteristic for being a bit hidden, and not as reachable as the other sites along the Oslofjord. Because of the road E18 surrounding it, and fences enclosing it, it is hard to see its activity without entering it. To enter the site one can either use the main gate, or a smaller gate next to the river Hoffselva.

Oslo Roklubb:

The rowing club has a long history, and has existed from 1934. The existing clubhouse was built in 1939 by the members of the club.¹ The building has newly been renovated by the members of the club. The building has a simple wood construction, painted in white and blue.

Oslo Roklubb. «Historie»

The placement of the building was originally on the forest and the fjord, with the waterfront right outside the building. After the building of the E18-tunnel, left over masses were placed outside the building.¹ This land is now covered in asphalt, functioning as a parking lot. The building appears closed and abandoned, but is still used by the members of Oslo Roklubb, functioning as storage for boats and equipment.

Rowing/Kayaking course:

The rowing and kayaking track has a lot of activity. It is used by several rowing- and kayaking clubs in the area. The operators for the rowing course have been Oslo Kajakklubb, Bestumkilen Roklubb and Oslo Roklubb. The course is 1000 m long and 60 m wide. The course was finished in 2018.² Additional installations are also planned, such as referee tower and spectator seats.

Boatshop:

A small shop selling equipment needed for boats, combined with a smaller kiosk offering beverages and ice cream. There are some small tables and chairs outside the kiosk. A place for social gathering. At the time I was there, some older men were sitting outside the shop enjoying the sun.

Boatstorage:

A lot of activity in the area - family and friends are gathering to prepare the boats for the season. The area gives a feeling of an unexplored landscape with many different shapes and colors, and different types of boats to discover. It is an unordinary place with spatial qualities. To wander around the boats with a camera can attract attention from the boat owners.

Motorboat club:

Restaurant and cafe for members only. An active terrace that can be observed behind fence for non-members. An active place also when service is closed. At the time I was there, some families are sitting outside eating and socializing. The club has been in Bestumkilen since 1921.³ The club's members show a great commitment to preserve the boat storage at Bestumkilen, and has started a petition.⁴

Bakken. «Slaget om ulovlig oppført land i Bestumkilen» Bakken. «17. mai 2018 med ferdig ro- og padlebane i Bestumkilen» Oslo Motorbåtforening. «Historien om Oslo Motorbåtforening» Folkeaksjonen for bevaring av båtlivet i Oslofjorden. «Bevar båtlivet»

Mapping: The site



Noise zones Silent zones



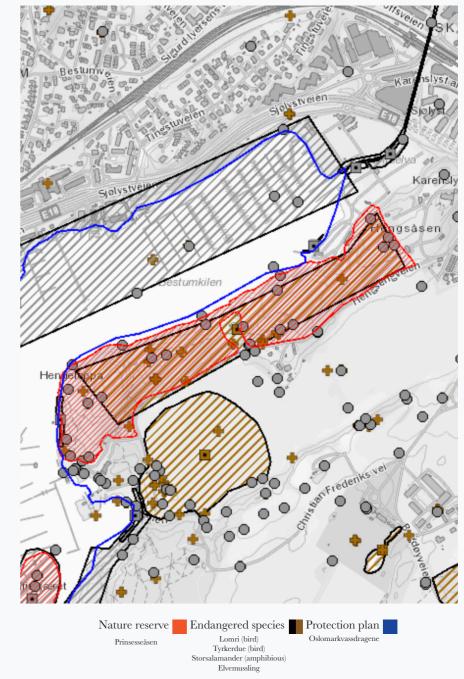






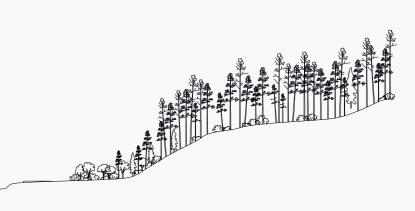


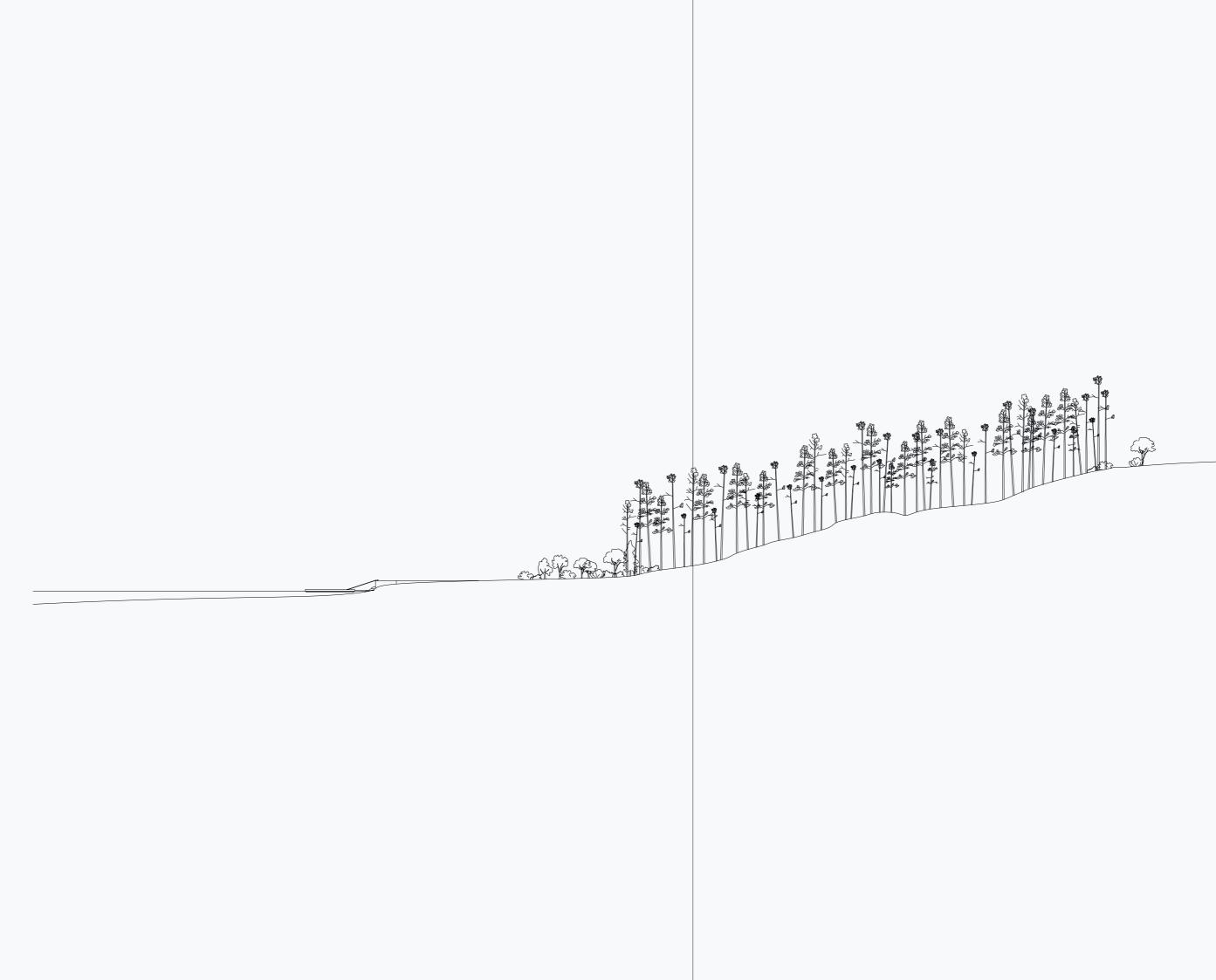


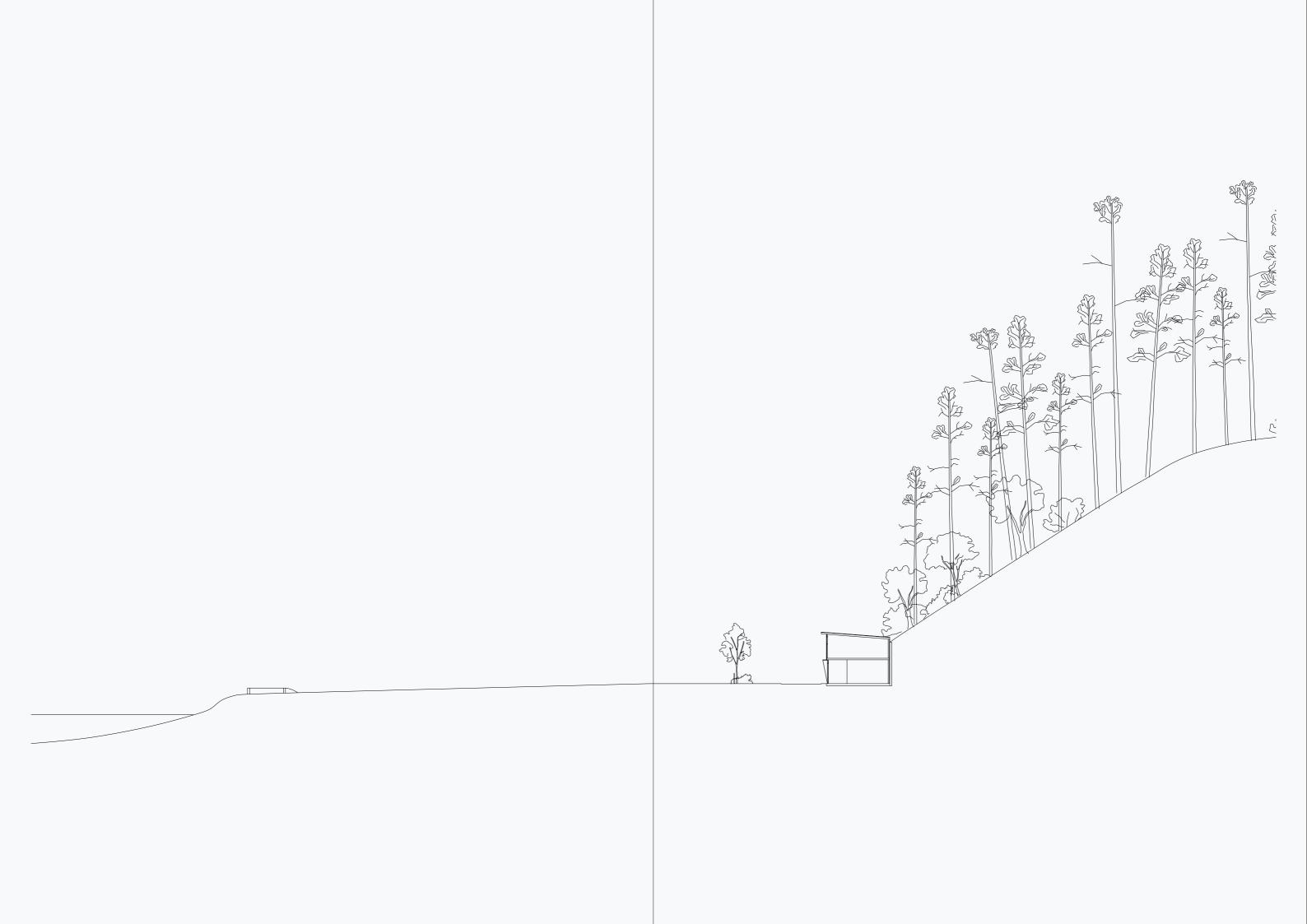


Section: The site









Registrations_images:



View over the site, taken from the green belt between the site and the housing blocks in Skøyen.



Hoffselva flows into the Oslofjord, and divides the plot in two. Long trees are lined up along the river.



The forest next to the site is a protected nature reserve has tall and healthy pine trees.



View from the forest to the site and the boat storage.



Beautiful stones and clear water at the beach on the site.



An older existing building at the site houses a rowing club. The building is placed gently on the boarder to the forest.





The combination of the fjord and the trees allows a good view.



Open view to the fjord from the beach. A popular place for kayaking.



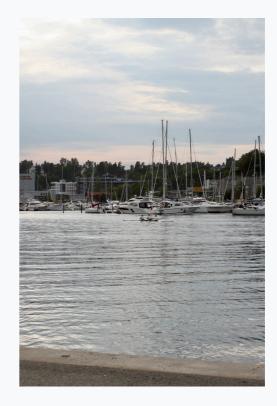
People are enjoying the sun outside a boatshop and a kiosk.



The boatstorage area creates an unusual landscape of colors and shapes.



Children playing on the beach



Rowers exercising in the rowingtrack



There is a lot of kayak storage on the site



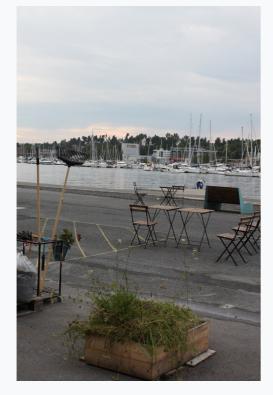
Oslo Kayak Tours are having a temporary clubhouse on the site



Parts of the site is used as caravan parking in the summer



A couple is enjoying the sunset inbetween caravans.



The neighborhood factory had a project on the site summer 2022.



The project included benches and plants, and more people were observed using the site in this period.



The trees creates a wall and encloses a space around the beach on the site.



A big tent works as a temporary rowingclub on the site.



Docks around the river.



View from the river to Bestumkilen.



Boat workshop, the site is in the back of the picture.

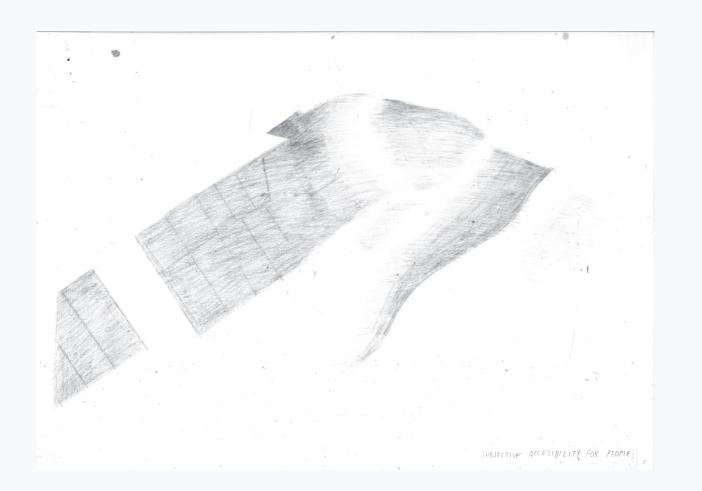


The boatlife is present on the site.

Personal registration of the site



Observation of built boarders on the site

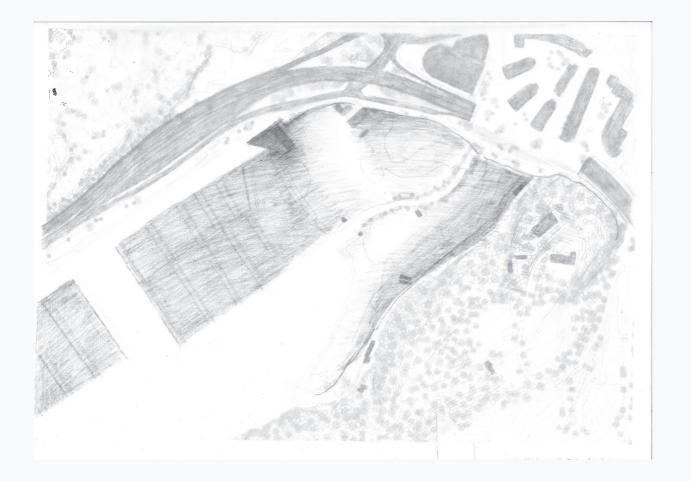


100

Areas that seems unaccesible for visitors on the site

Borders created by landscape

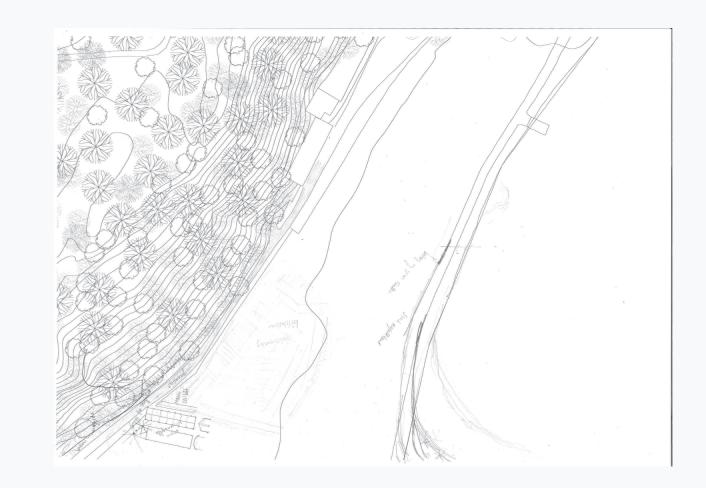




Built boarders and subjective thresholds

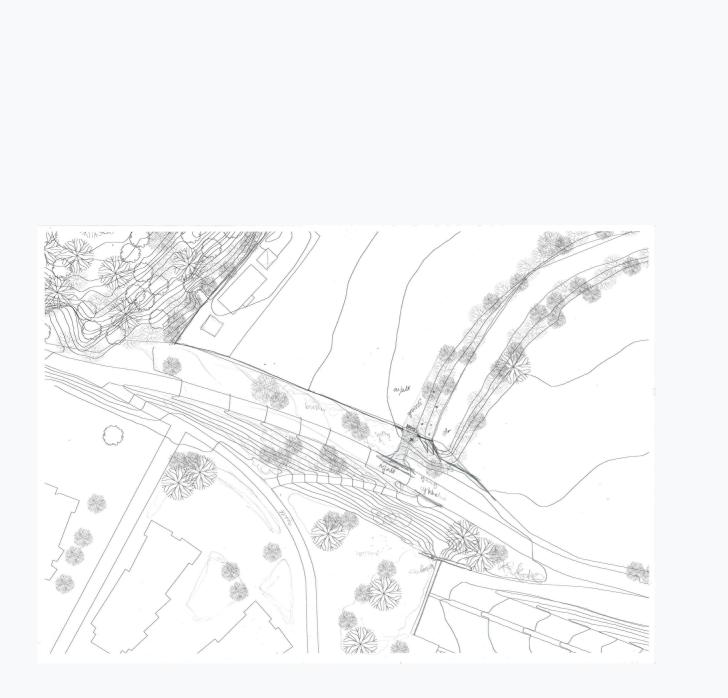


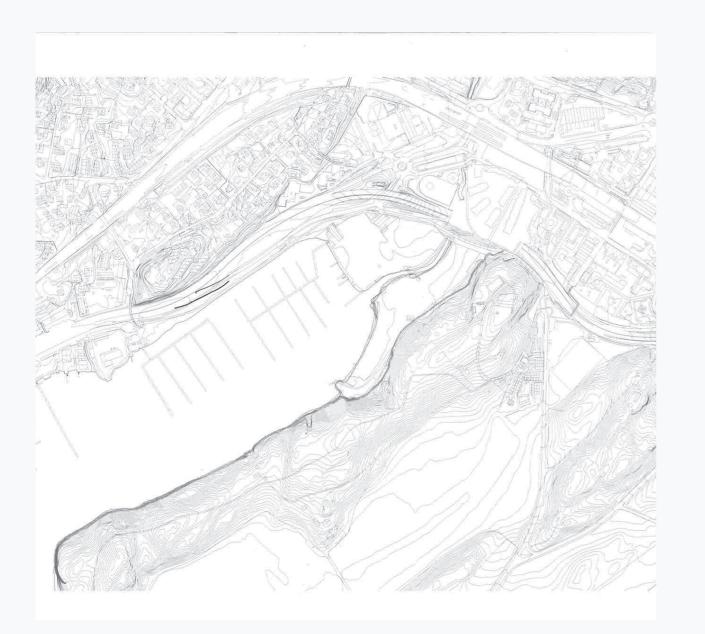




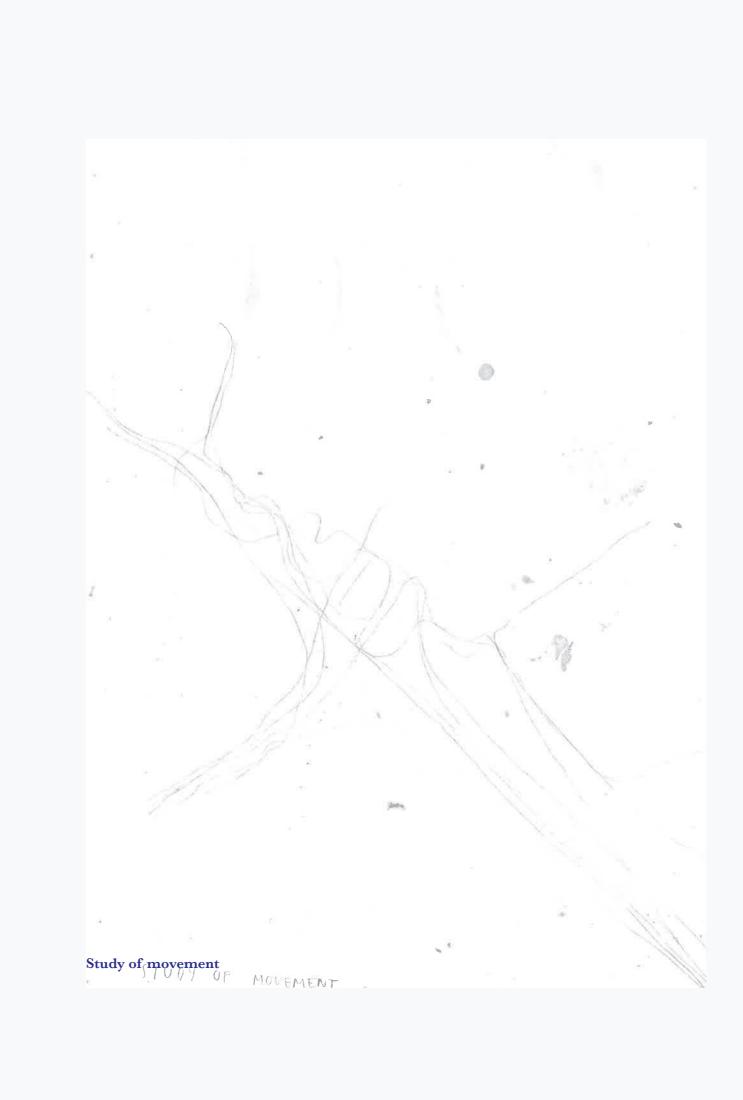
Observation and registrating on the site

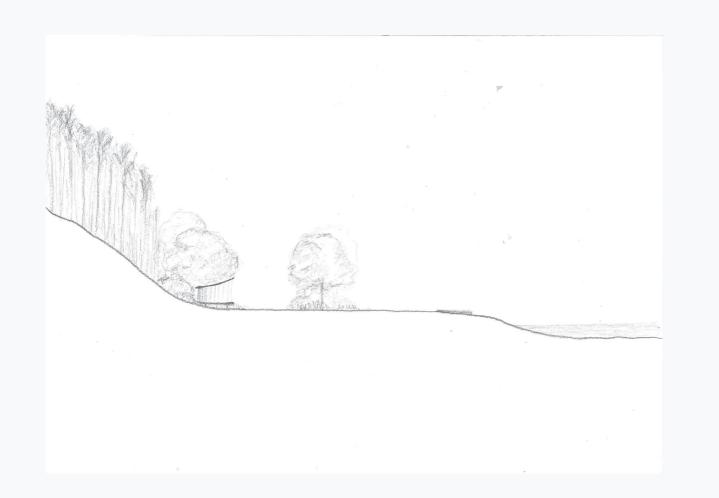






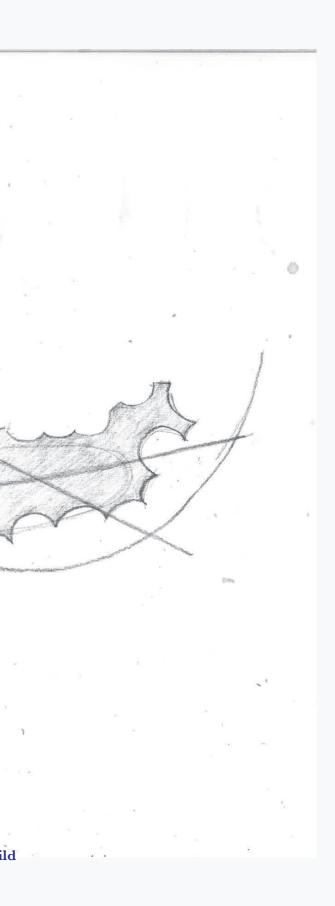
Reading of the landscape form



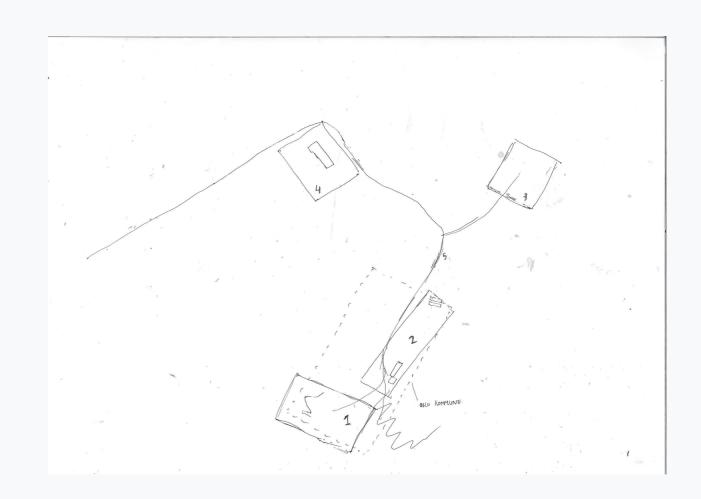


The trees creates a wall

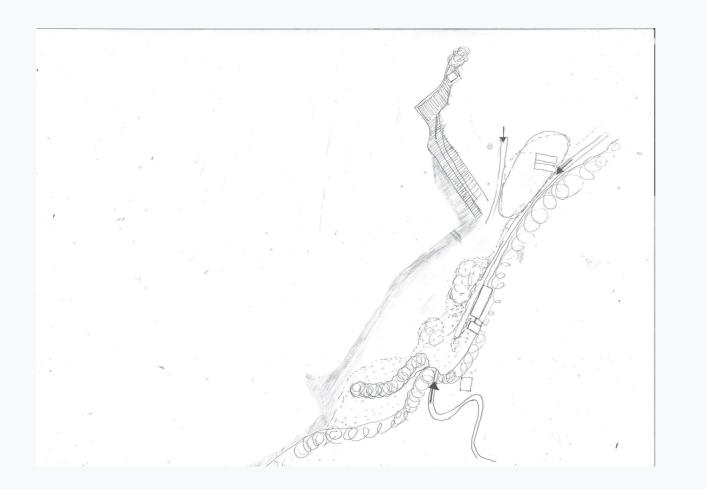
The trees on the site desides where not to build



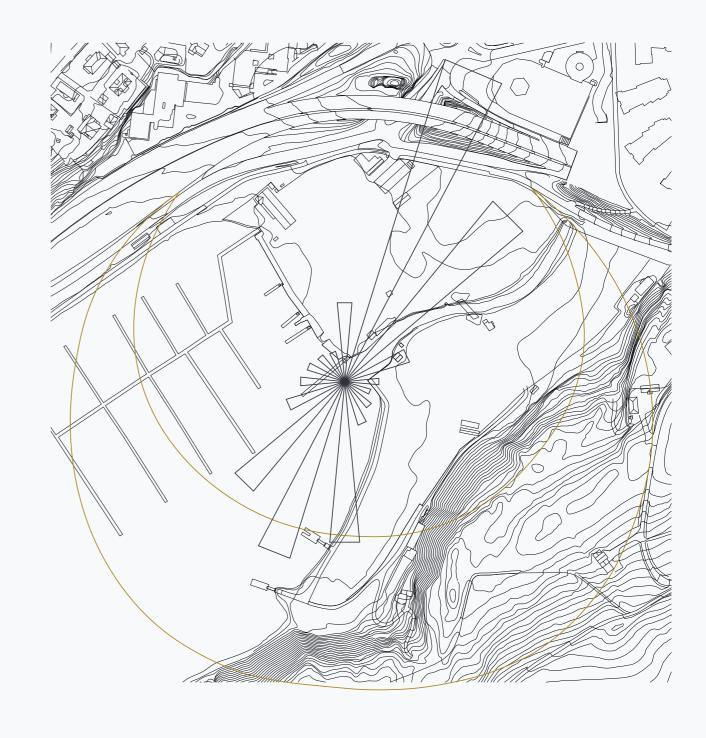
Delimiting a site



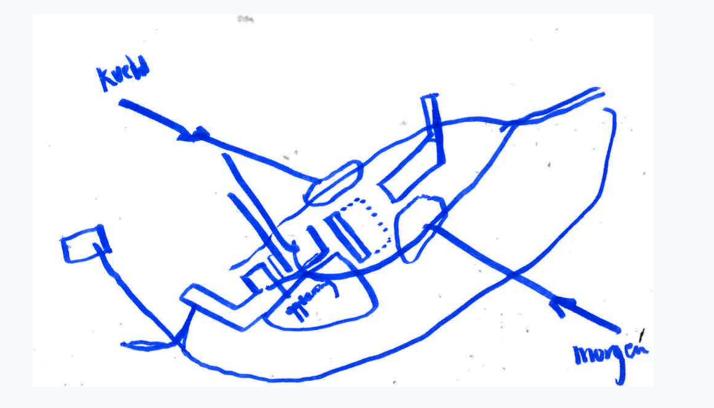
Places in Sjølyst where I see potensial for development



Access to site

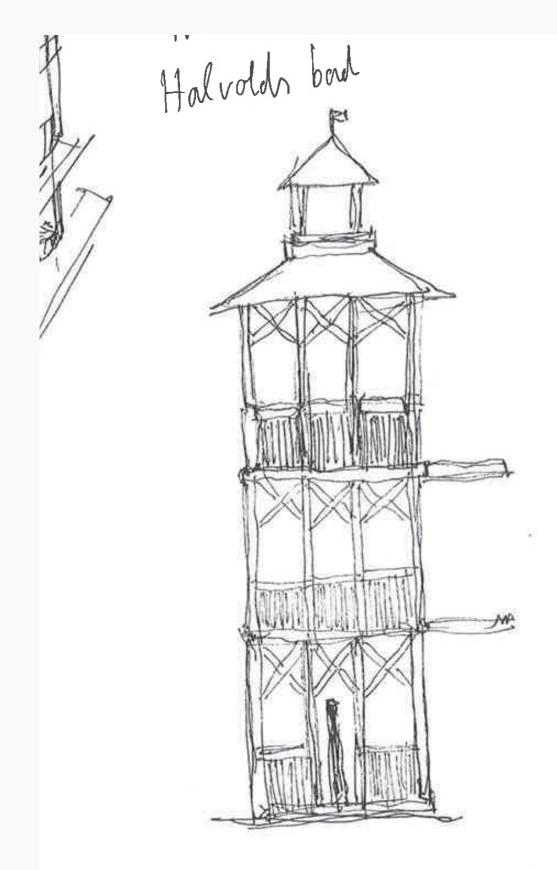


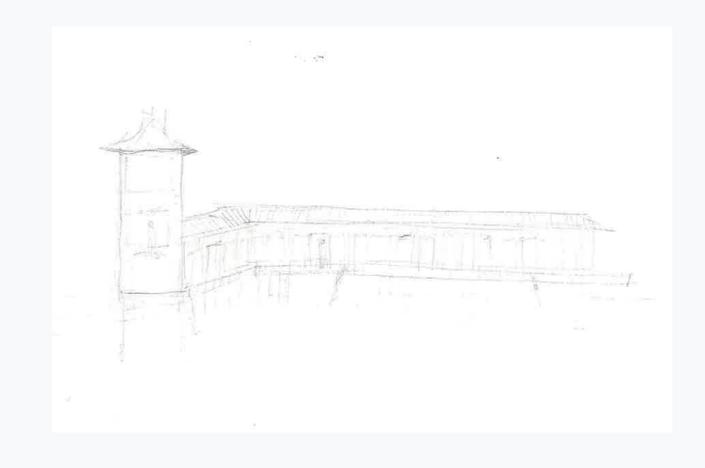
Climate and sun analysis



Analysing bathing and boathouses from the Oslofjord-area

Typologies from bathinghouses in the Oslofjord





,e



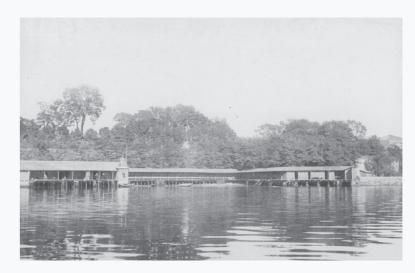
1930 - Mittet - Nordstrand bad - Oslobilder.no



1905 - Væring - Det Militære Sjøbad- Oslobilder.no



1903 - Anders Beer Wilse - Bygdøynes Bad- Oslobilder.no



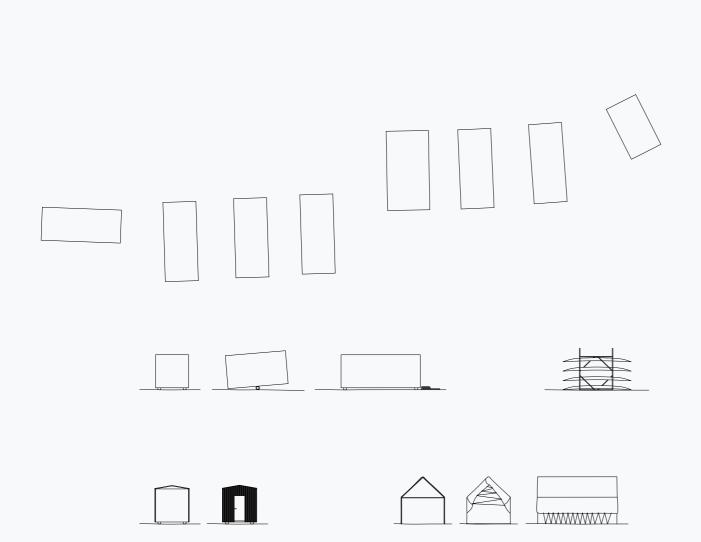
1902 - J. Michaelsen - Militære Badehus - Oslobilder.no



Anders Beer Wilse - Holmensherrebad- Oslobilder.no



1930 - Uknown - Hovedøya Bad- Oslobilder.no

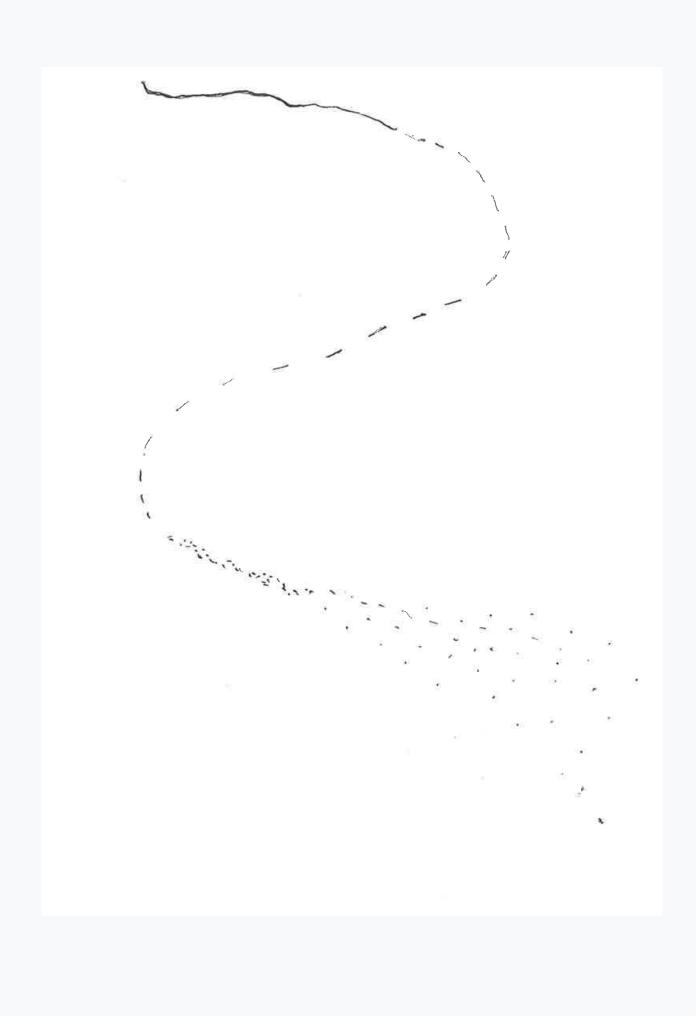


Analysing structures standing on the site



Materials found on the site; textile, rope and wood

Studies of the threshold





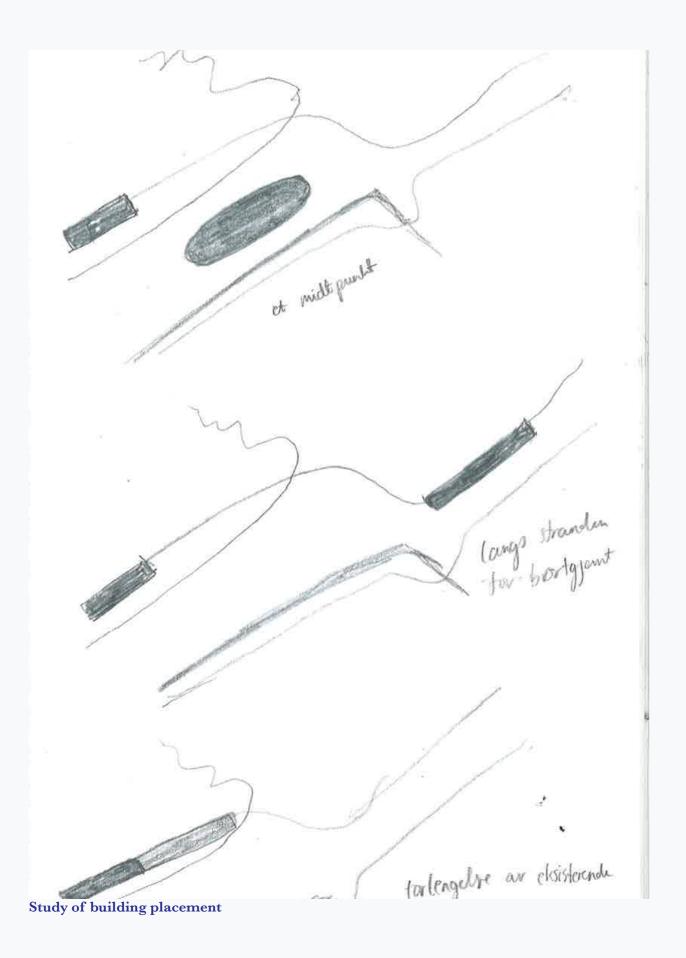


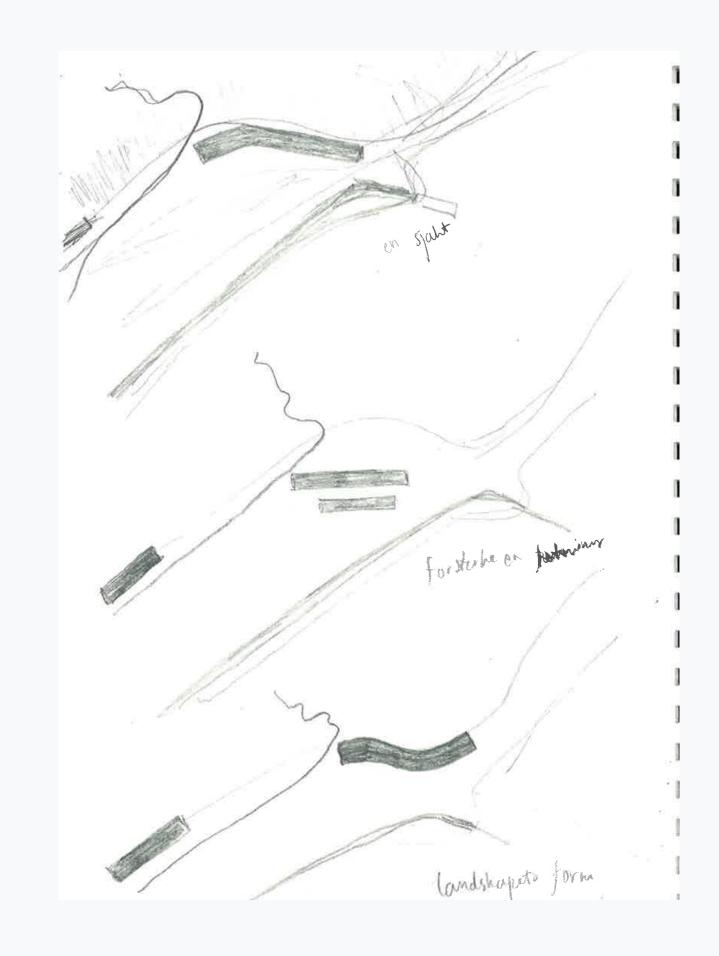


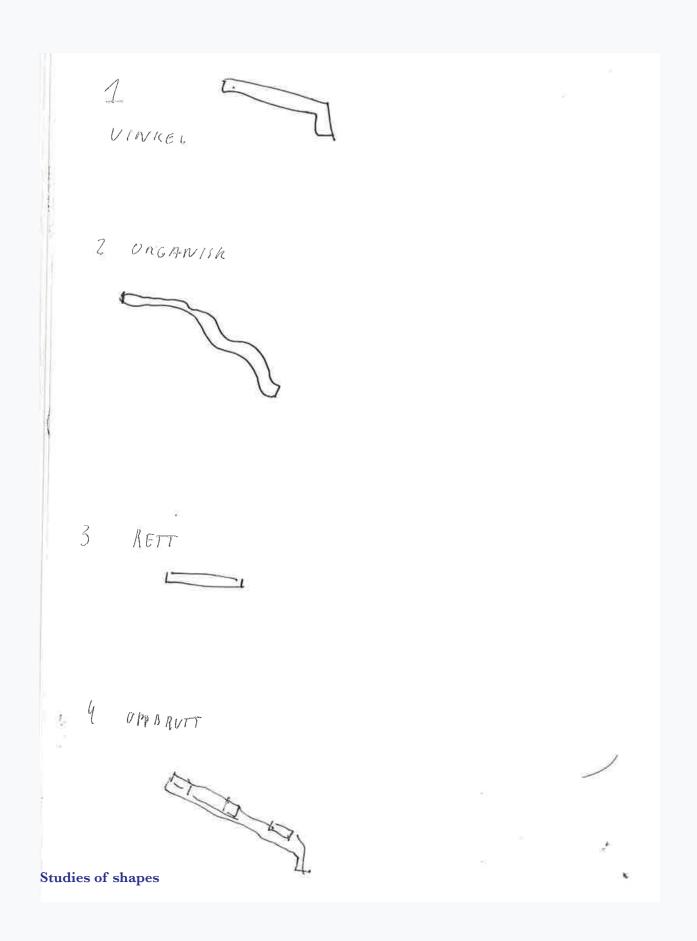


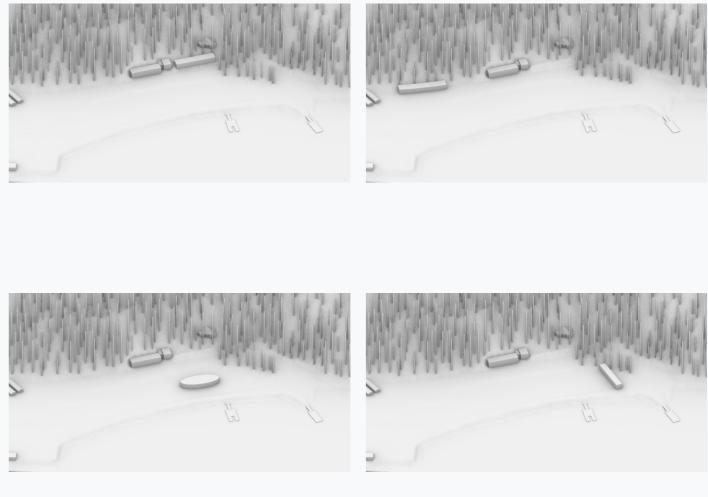


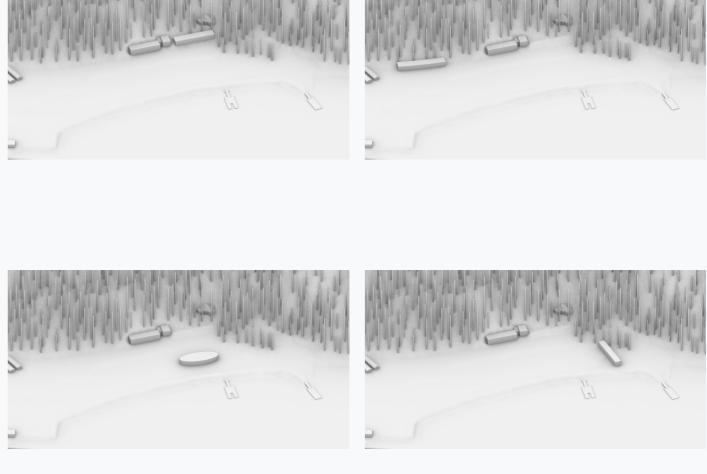
Volumstudies

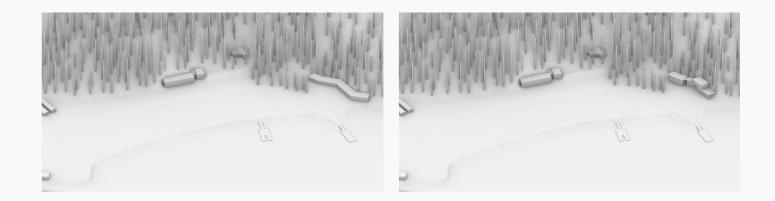


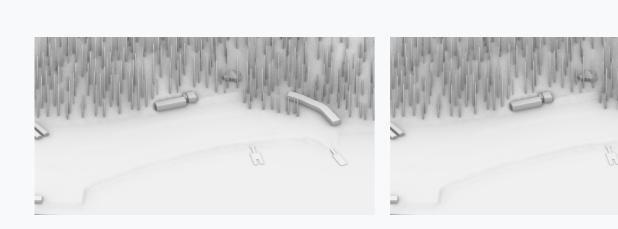


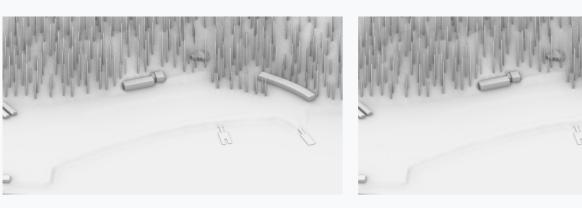


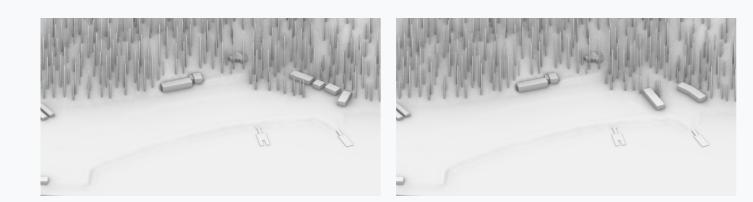


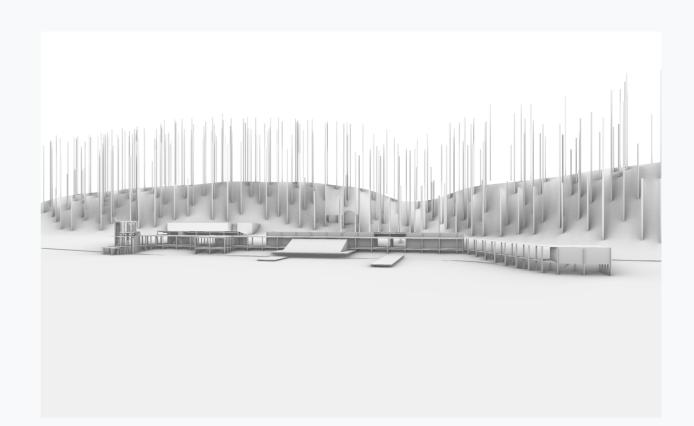




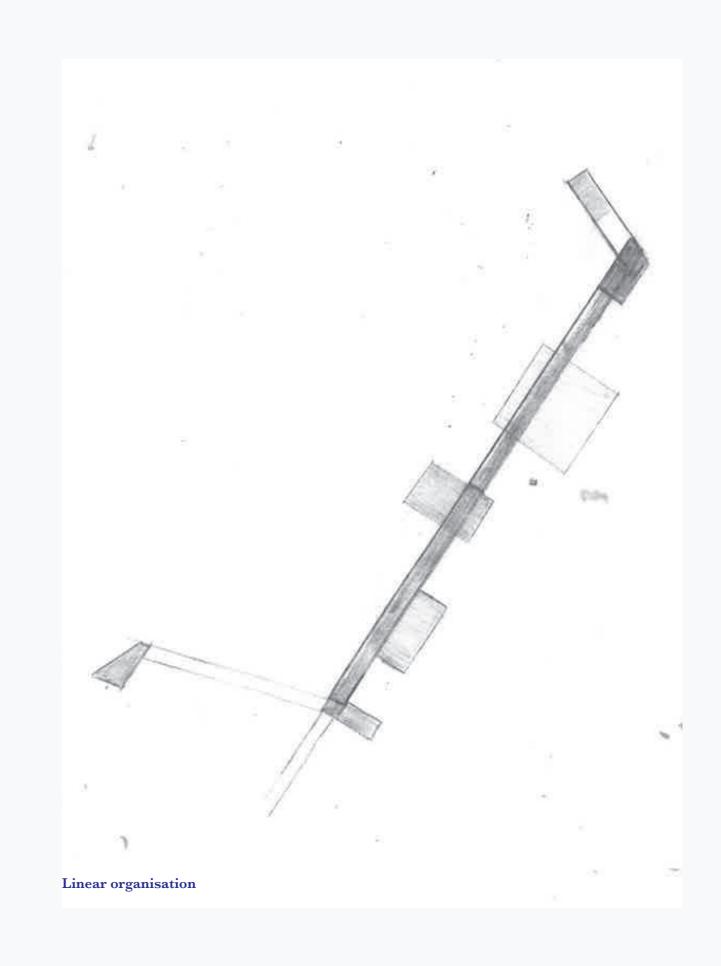


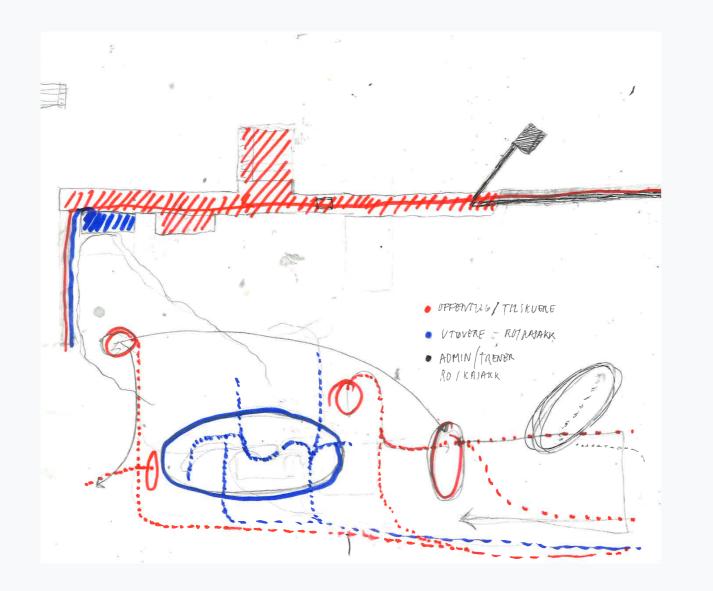




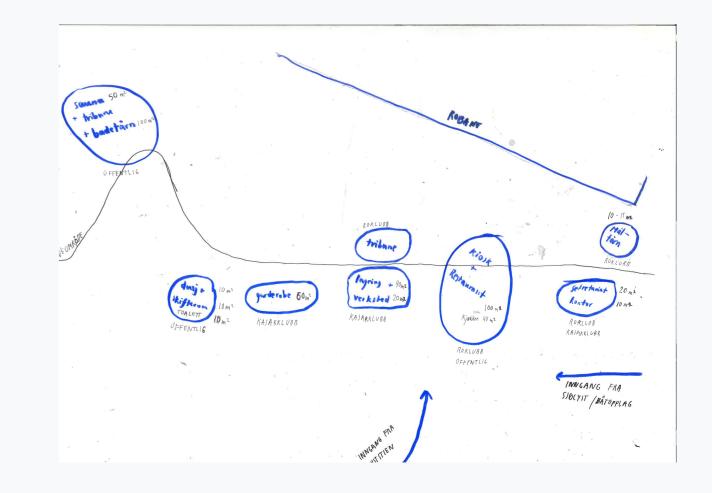


Organisation of program





Movement of different usergroups and the water



Organisation of plan

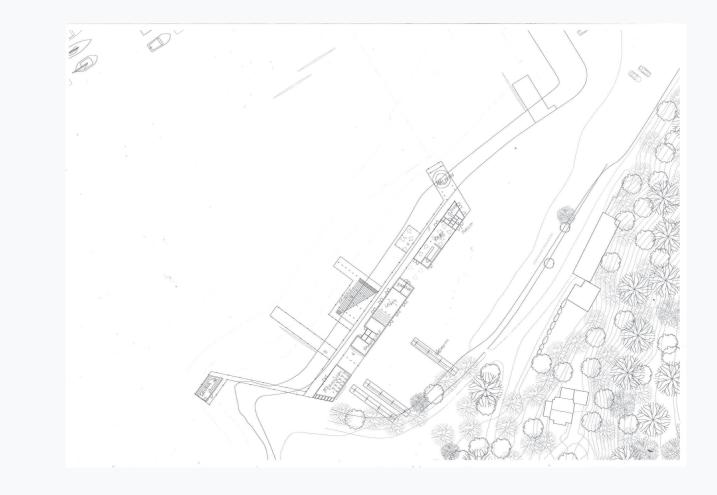


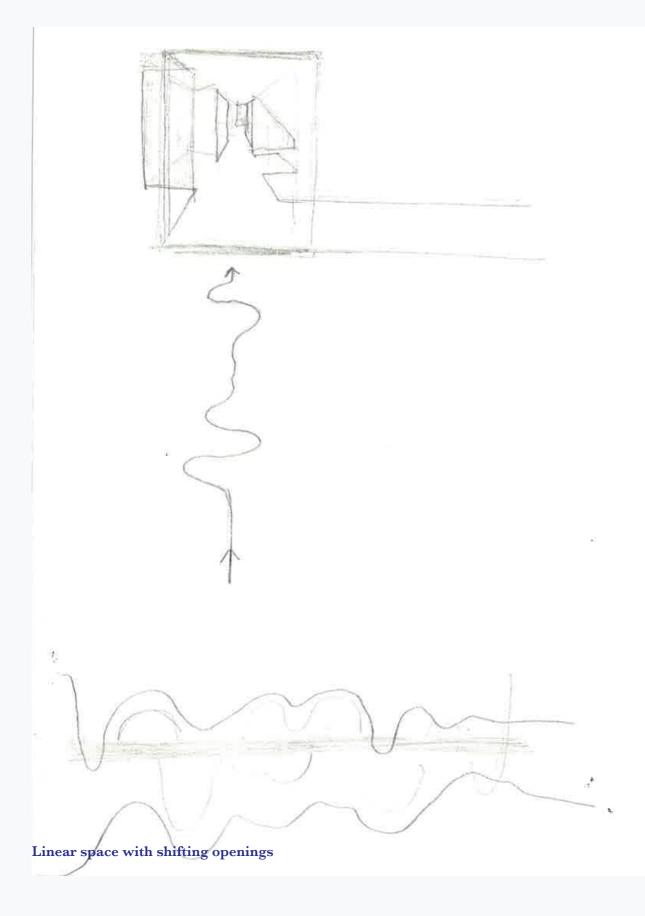
Interviews with usergroups: Nabolagsfabrikken

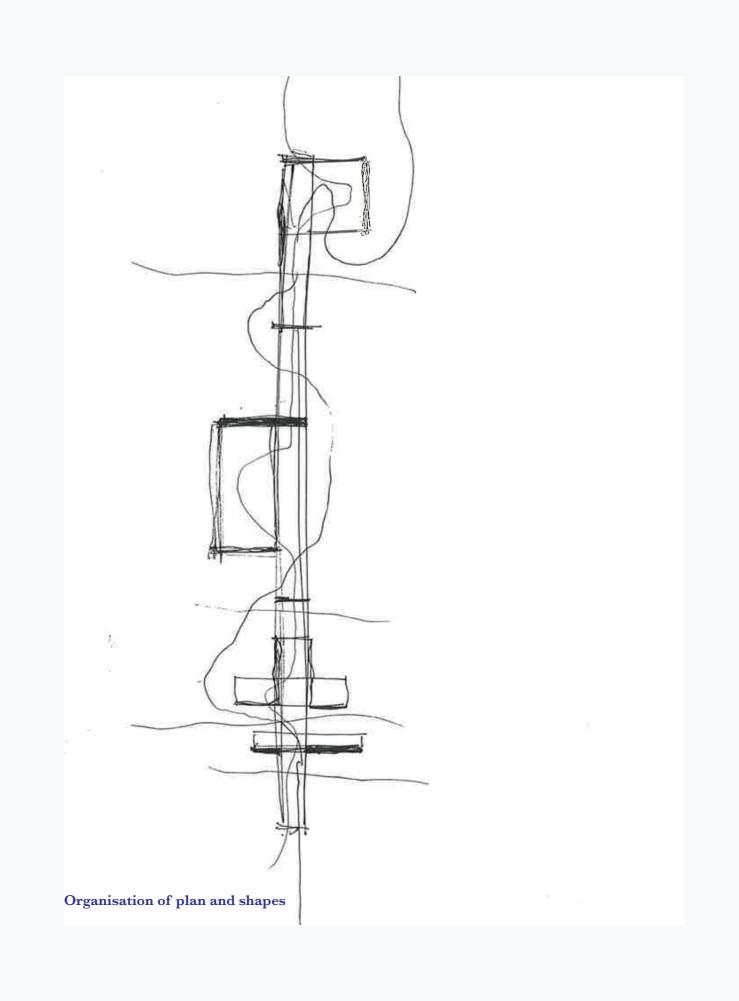
The Neighborhood factory is an initiativ started by Kjerstin Bjerka and Aida C. Lopez, with Ninja Nossen and Edvin Johannesen participating. The initiativ is working with creating a better community for the inhabitants, as well as animals and plants, in Skøyen. They want to to facilitate better utilization of the neighbourhood's capacity and commitment. They work a lot with user participation, by arranging workshops and courses for neighbors, in order to create a change in their neighborhood. They are engaged in following the UN sustainable development goals.

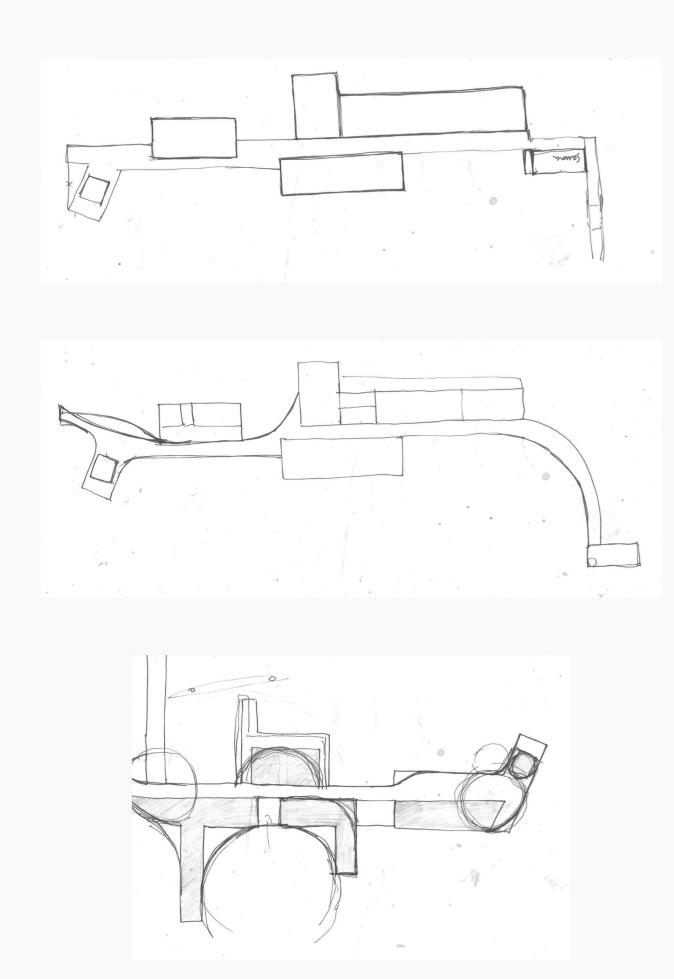
The initiativ also worked with the site I am working with in Bestumkilen. They also here worked a lot with listening to what the different clubs in the area wanted, they had workshops with youths living in the area, and casual talks with neighbors. By doing this they gather a lot of information on what the different groups wanted in the area. They found that there where conflicting interests in the groups, by that they also had a lot in common. Everyone wanted places to meet, and basic infrastructure. The youths also wanted more activities relating water, better swimming facilities, and possibilities to kayak for beginners.

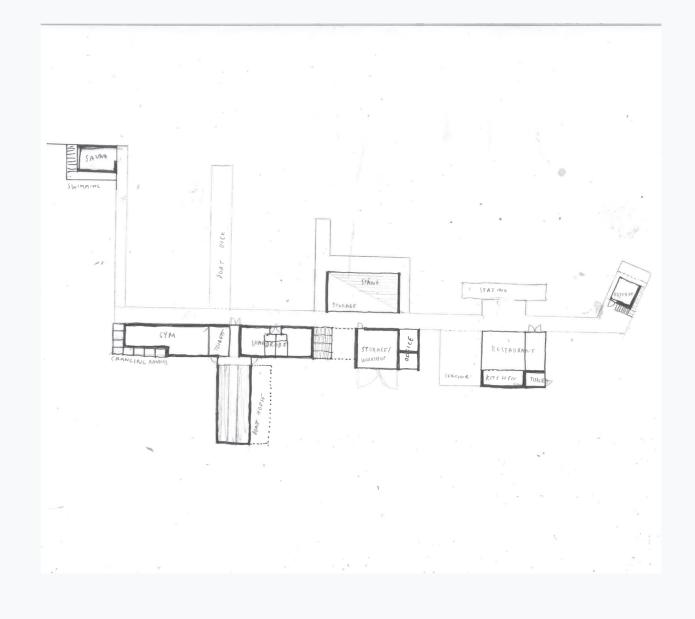
Structure on land

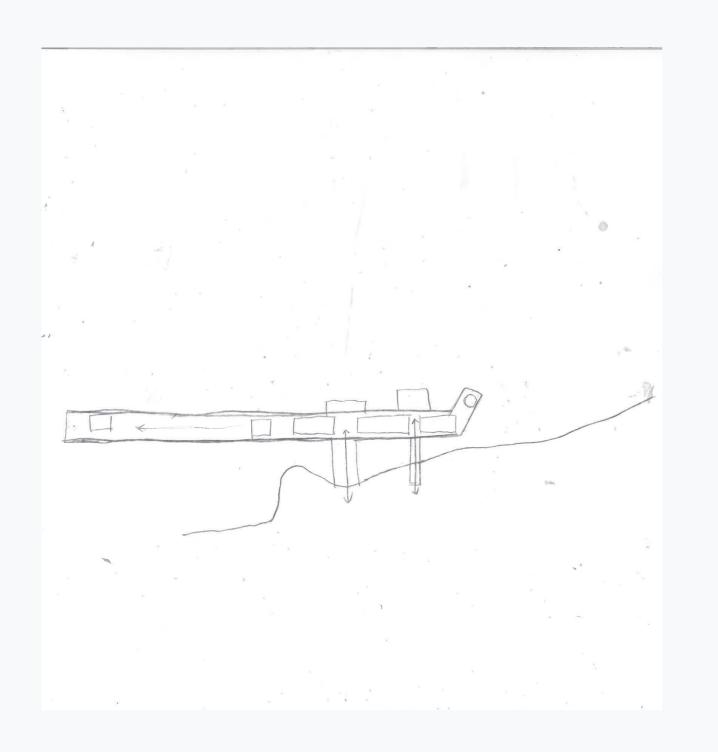


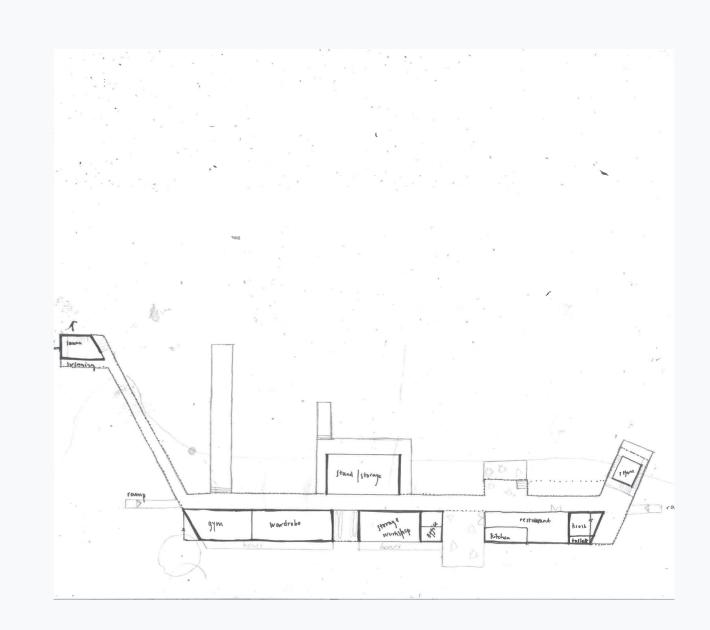


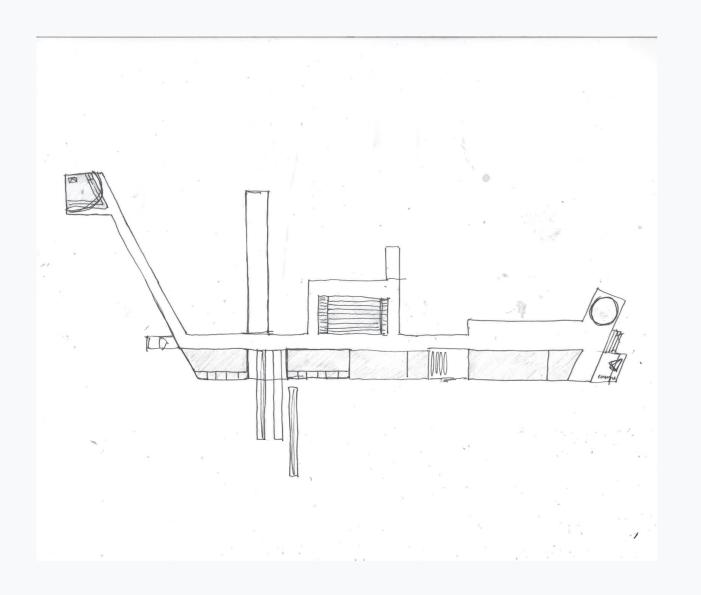


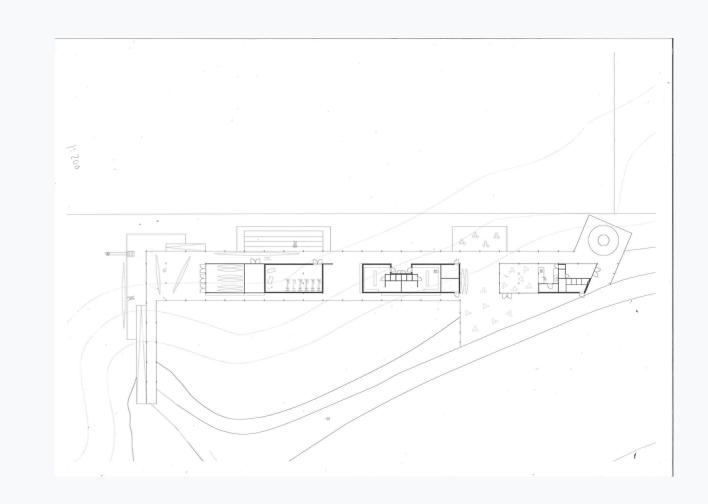


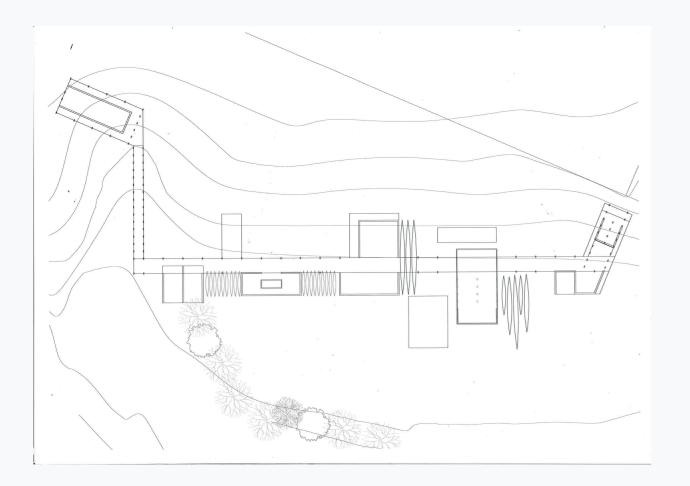


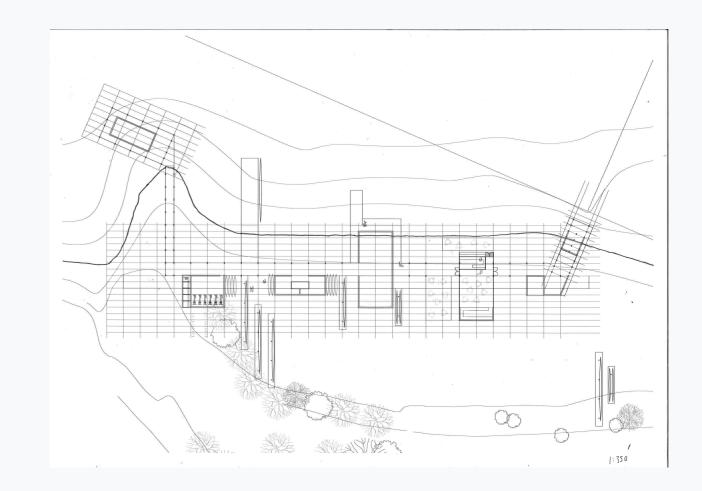












Imagining a life:

-No competition;

public can rent kayaks, go to the cafe, use wardrobes and sauna, sit on the stands, walk up the observation tower, as well as swim on the backside of the building, and from all sides of the building, jump from the balconies of the building and get up on the ladders, sunbath on the walkway with wooden boards. If few people, the kiosk can sell snacks or drinks and if there are more people the cafe can be open. The cafe and seating areas can also attract people fixing on their motorboats or coming back from a boat trip.

-Rowing/kayak training;

athletes bring their boats, either from nearby clubs or by car, boats can be prepared either before or after training on the terrasse, changing rooms, showers, and warm-up gym are available in the structure, the structure can also be used as a hangout place for athletes and trainers, the area around the structure can still be used for swimming without disturbing the athletes, the tower can be used both by public or the trainers. The cafe can work as a place to gather the team for meetings, or for public. There is a possibility to store rowing boats on the temporary racks on the field

-Rowing/kayak competition;

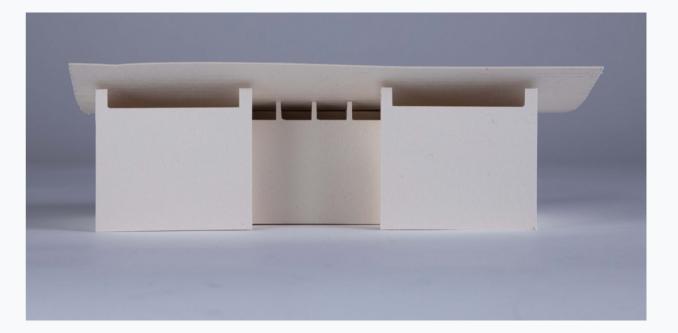
athletes bring their boats, either from nearby clubs or by car, boats can be prepared either before or after training on the terrasse, changing rooms, showers, and warm-up gym are available in the structure, the stands can now be used as seats for the spectators, the tower is now a place for referees and trainers to follow the competition. In-between heats the cafe can be a space to relax or eat. The kiosk can sell coffee or food for the audience. There is a possibility to store rowing boats on the temporary racks on the field

Spatial studies



Studies of a volume and a roof

Studies of openings and a roof

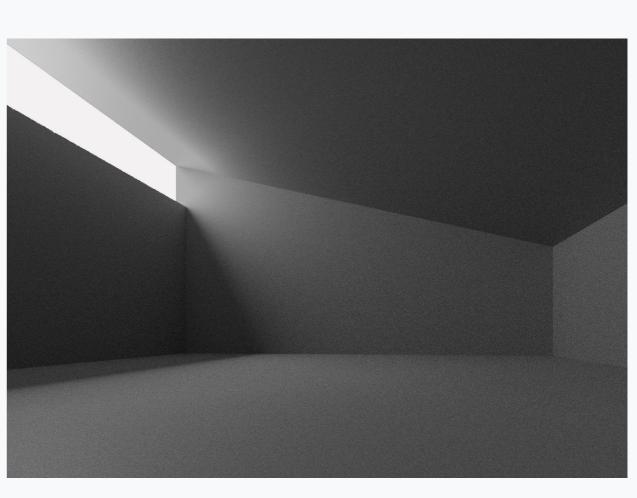




Studies of a volume and a roof

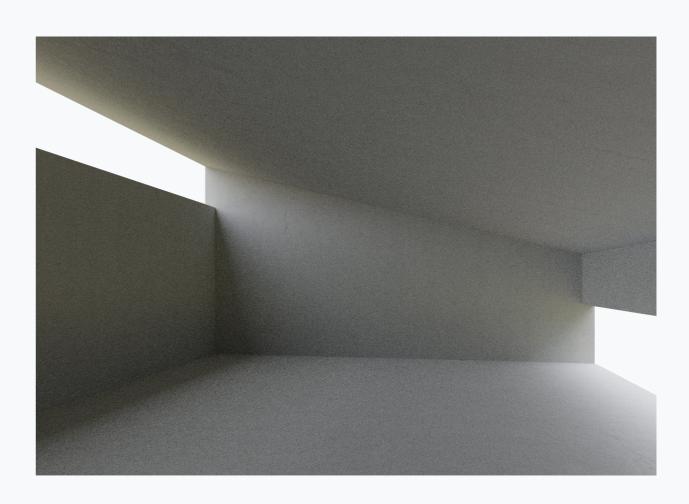
studies of a volume and a roof

Studies of openings





Studies of a light fundament





Studies of a structure



Studies of a closed space and open terrasse

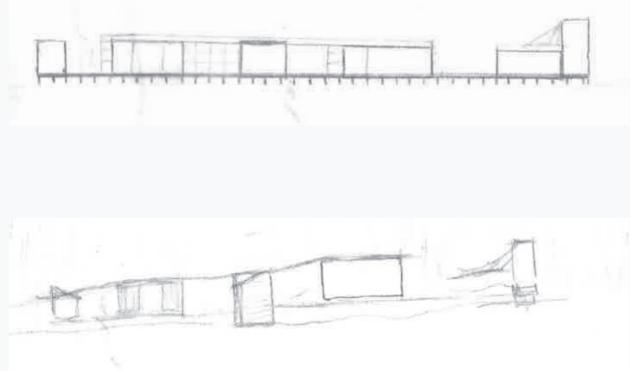






Studies of a form and the landscape

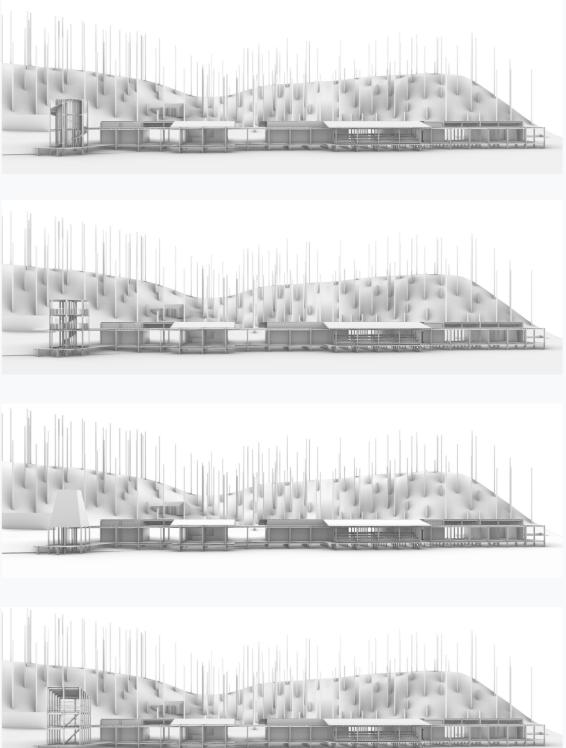
1 1 1 1

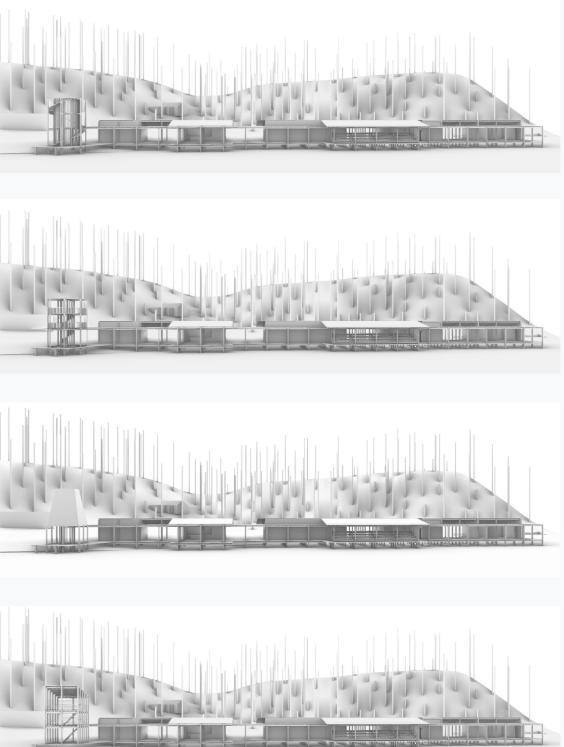


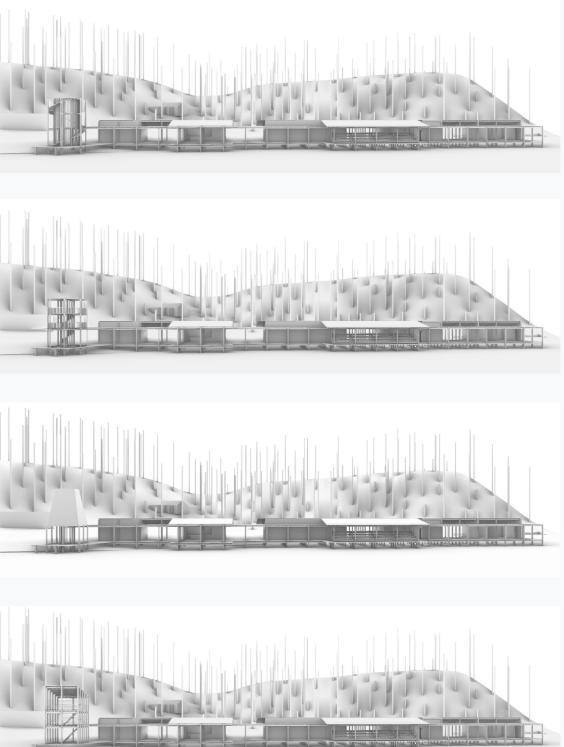
Facadestudies

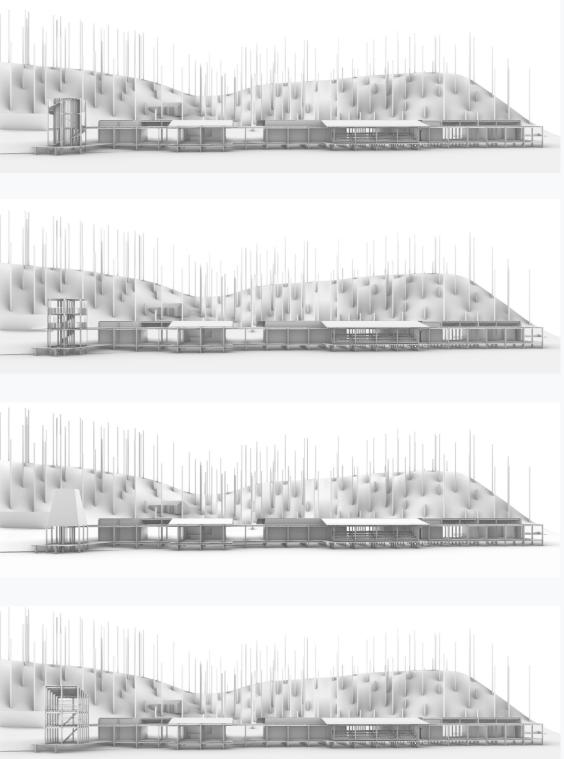


Studies of a form and the landscape





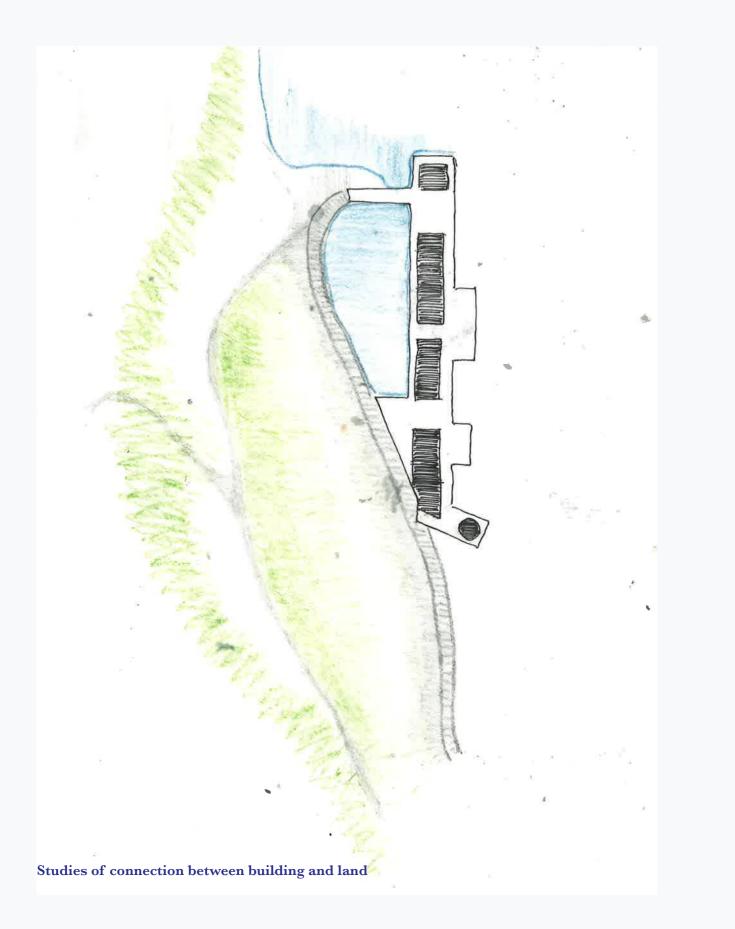


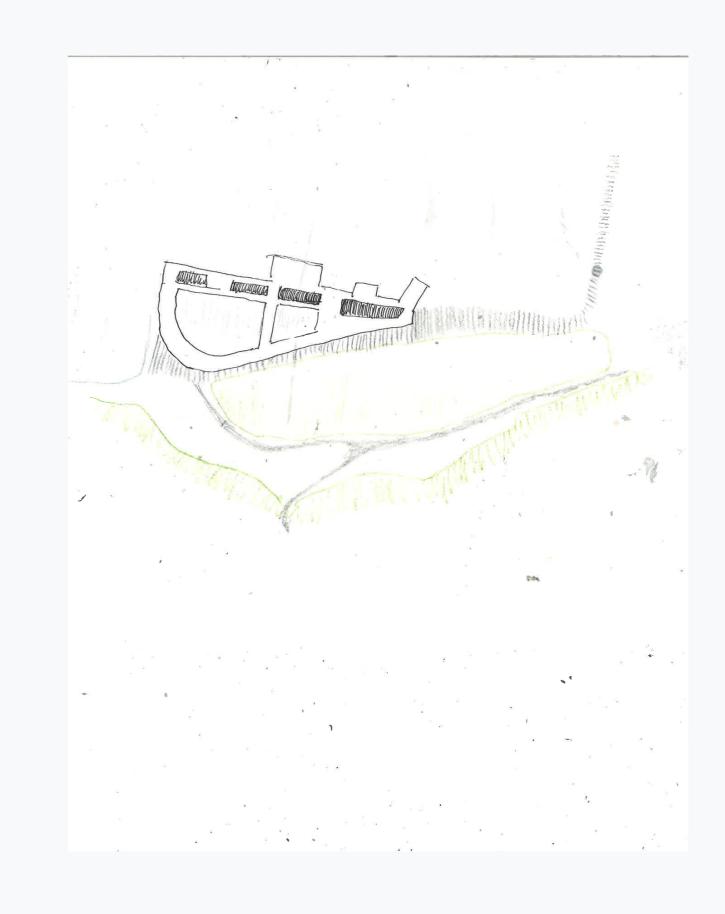


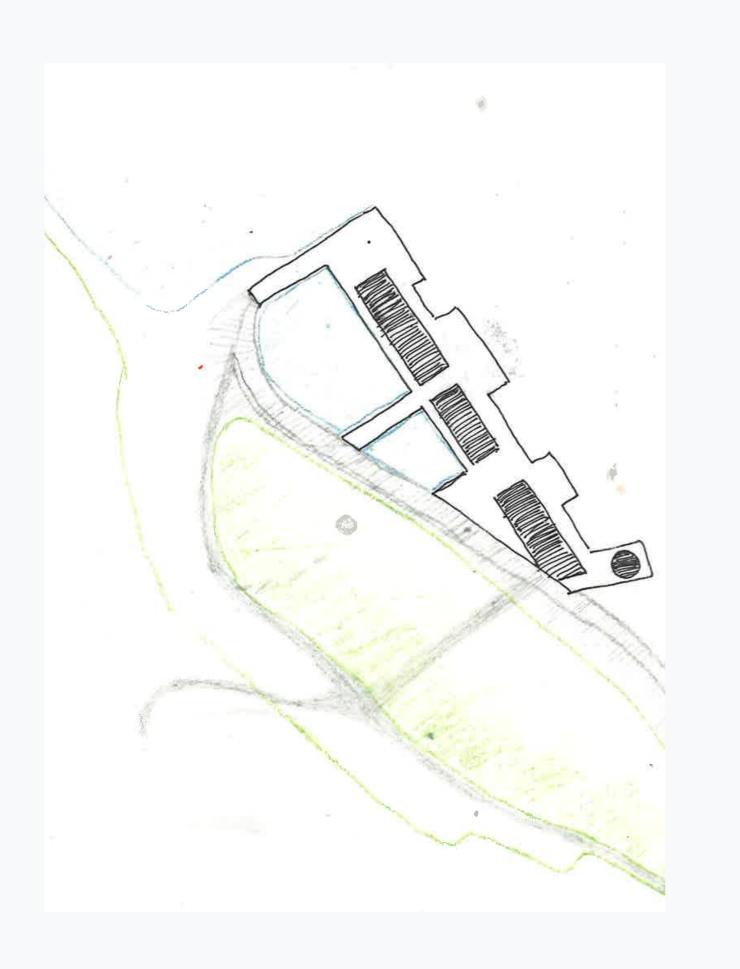
Studies of a referee tower

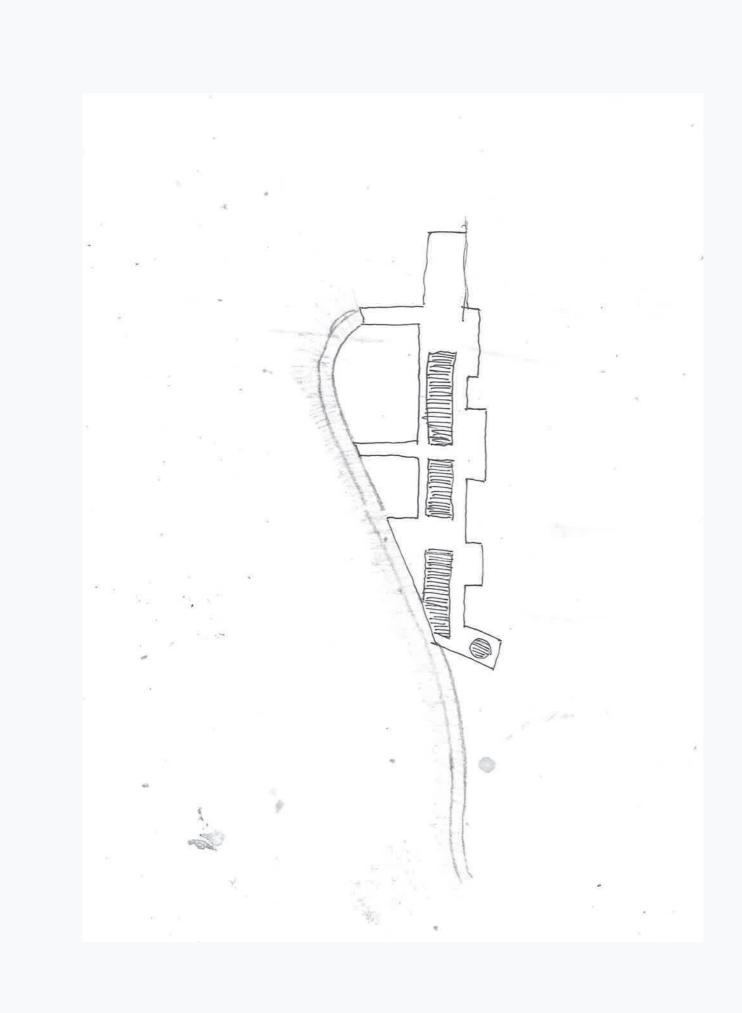
Building / water / landscape





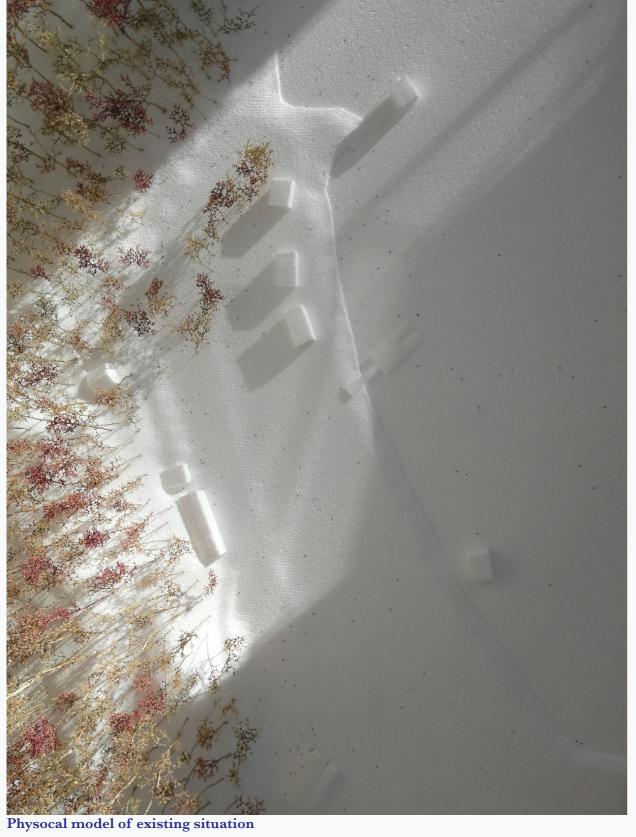








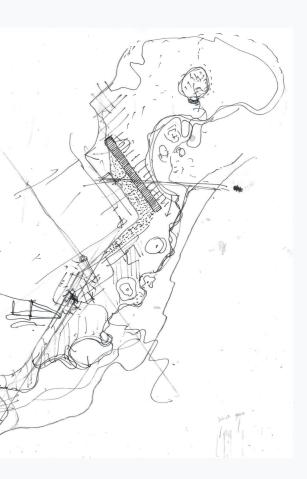
Landscape



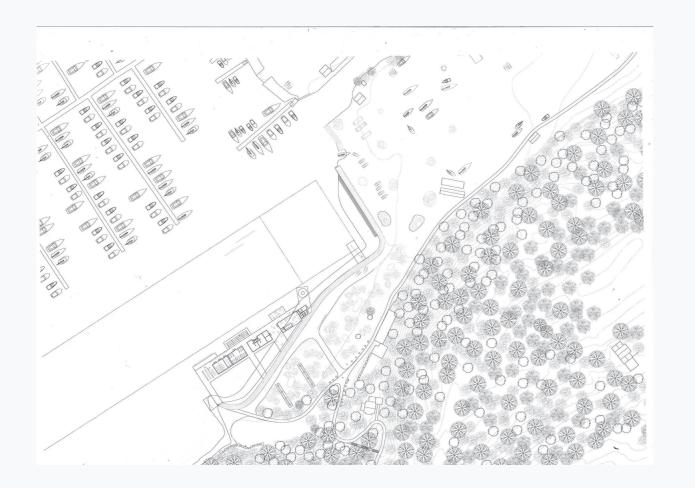




Color test and movement

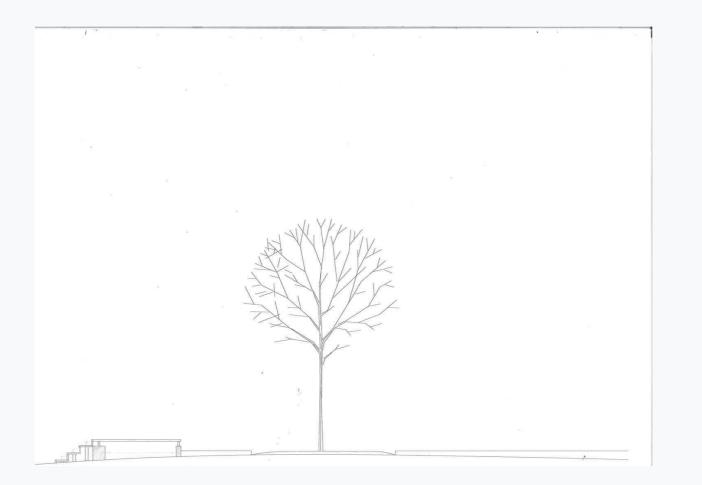




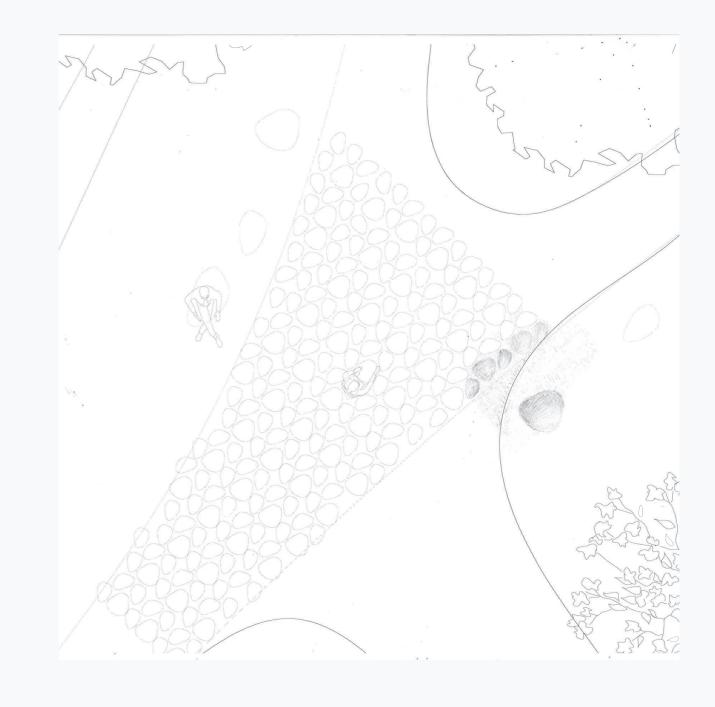




Connecting points between land and structure



Situation between parking and water

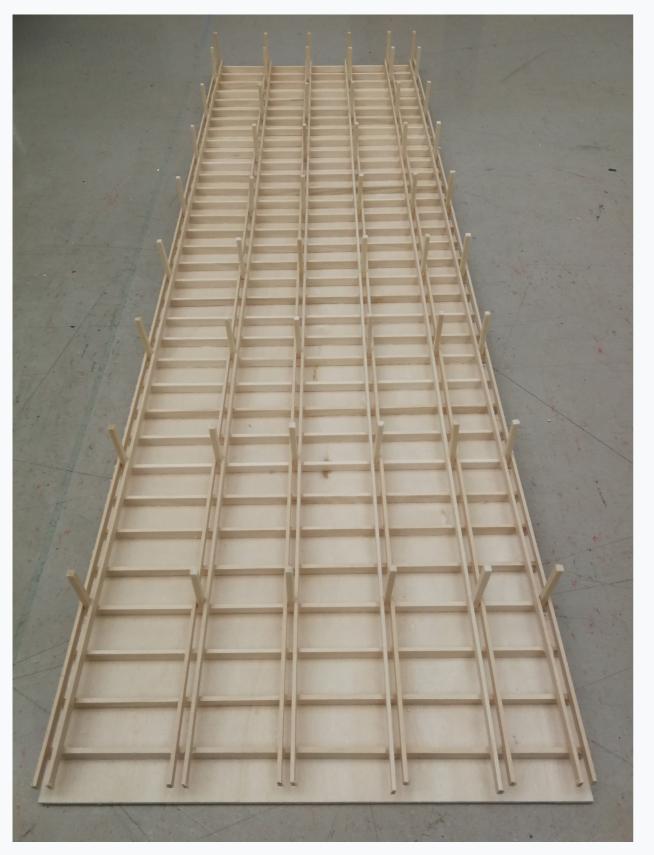


Highlighting the path with stones

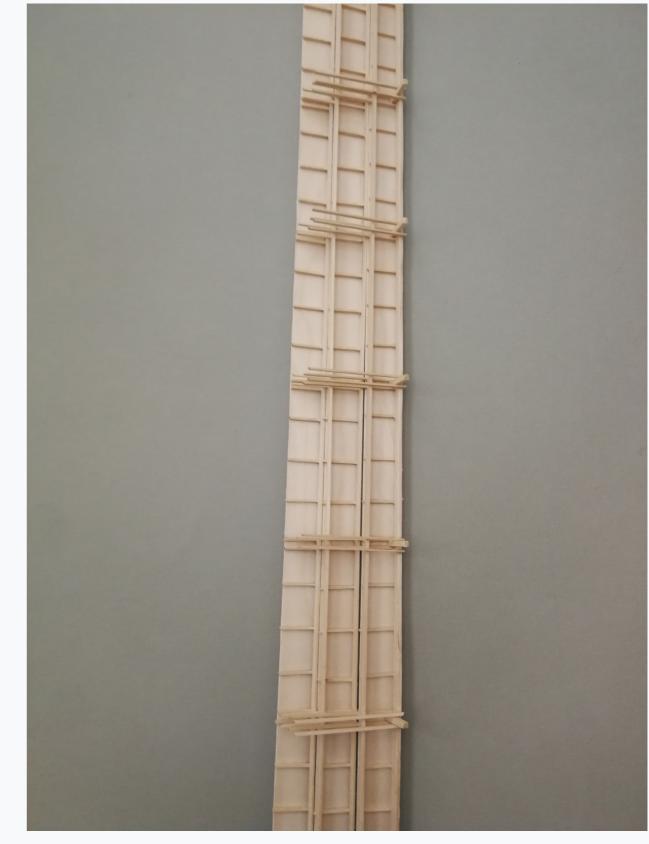


Lanscape concept: creating new green and blue spaces

Images of final models

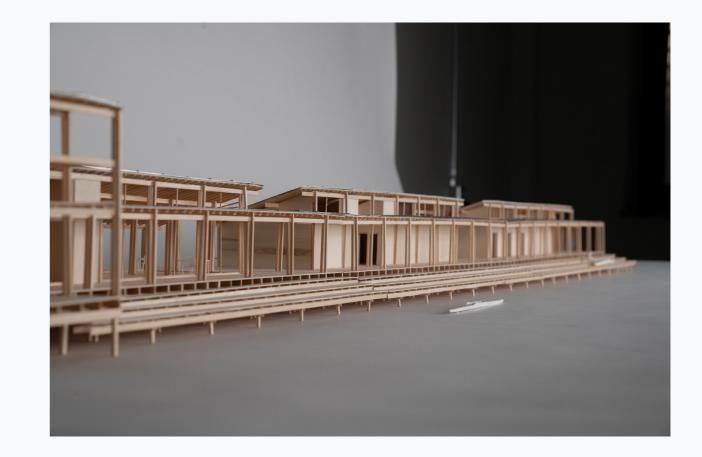


Details of the floor



Details on seats

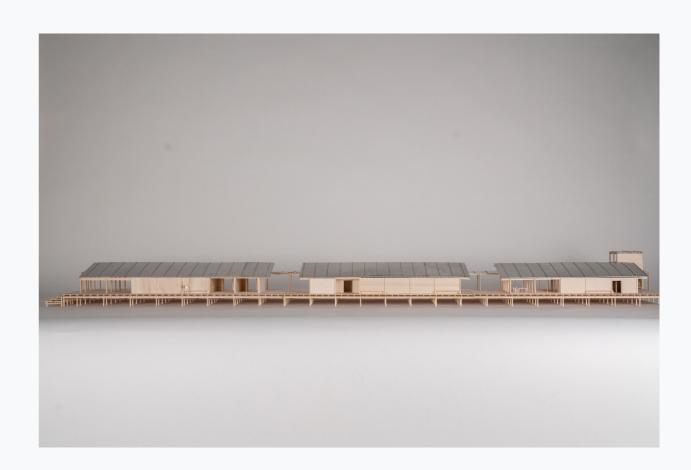


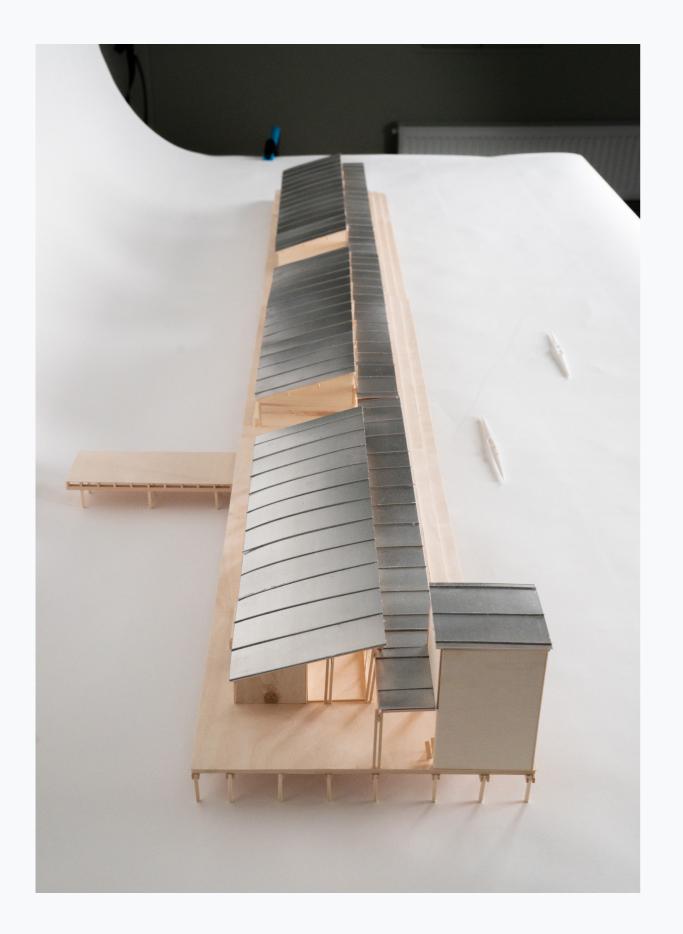


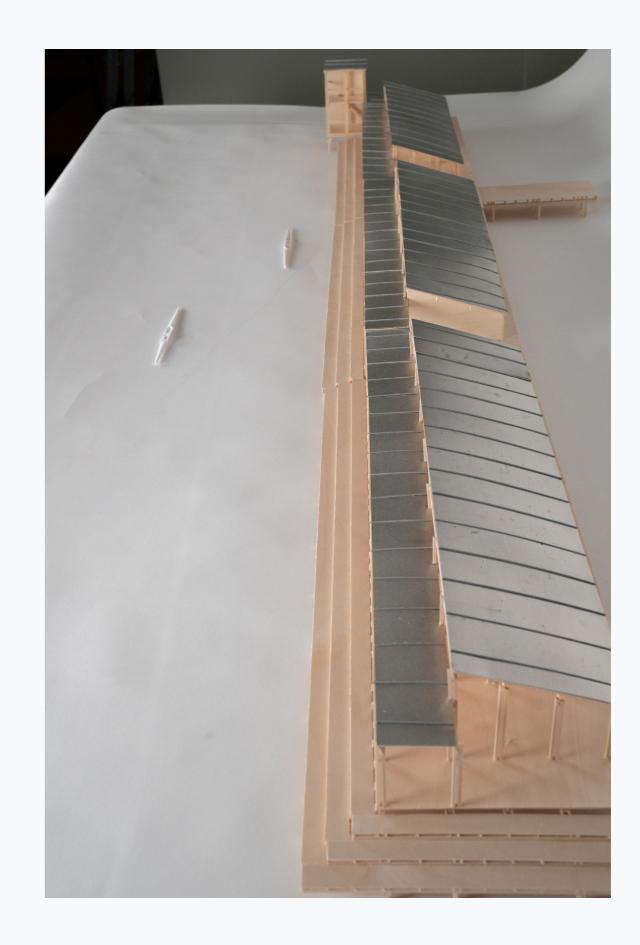




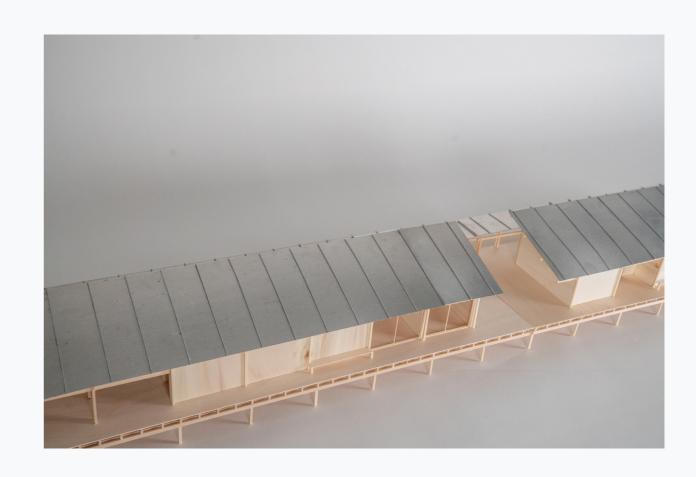














Sources:

An Architecture Guide to the UN 17 Sustainable Development Goals, sammarbeid mellom Institut for Bygningskunst og Teknologi, KADK, Arkitektforeningen og UIA's Commission on the UN Sustainable Development Goals og er støttet av Dreyer Fonden. https://issuu.com/kadk/docs/un17_guidebook_single_page_low

Bakken, Vidar. «Slaget om ulovlig oppført land i Bestumkilen». Akersposten. 16.04.2018. https://akersposten.no/slaget-om-ulovlig-oppfort-land-i-bestumkilen/19.2189

Bakken, Vidar. «17. mai 2018 med ferdig ro- og padlebane i Bestumkilen» Akersposten. 25.04.2017. https://akersposten.no/nyheter/17-mai-2018-med-ferdig-ro-og-padlebane-i-bestumkilen/19.1047

Boettger, T. (2014). Threshold Spaces : Transitions in ArchitectureAnalysis and Design Tools. Basel/Berlin/Boston: Walter de Gruyter GmbH.

Borge, Marianne, & Berg, Sveinung Krokann. (2016). Kyststi Bestumkilen. Kulturminneverdier på strekningen Vækerø - Maritim. NIKU Oppdragsrapport, NIKU Oppdragsrapport, 2016.

Catherine Dee, 'Form and Fabric in Architecture', Spon Press, London and New York, (2001). https://issuu.com/tdgarden/docs/form_and_fabric_in_landscape_archit

Eli Rinde, Elin Tanding Sørensen, Mats Gunnar Walday, Camilla With Fagerli, Hartvig C Christie, André Staalstrøm, Line Johanne Barkved, Henry Simmons, Harald Bonaventura Borchgrevink. «Reetablering av biologisk mangfold i Oslos urbane sjøområder» NIVA. 05.11.2019 https://innsyn.pbe.oslo. kommune.no/saksinnsyn/showfile.asp?jno=2020087206&fileid=9128713

Folkeaksjonen for bevaring av båtlivet i Oslofjorden. «Bevar båtlivet» https://xn--bevarbtlivet-ycb.no/

Holden, F. (2016). «Historien om Bygdøy». Oslo: Dreyers Forlag

Hvattum, Mari. (2009) «Stedets Tyranni» Arkitektur N nr. 4–2009 https://arkitektur-n.no/artikler/stedets-tyranni

Kartverket. "Havstigning". https://www.kartverket.no/til-sjos/se-havniva/kart?activeLayers=Stasjo-ner&zoom=15¢er=257798,6650891&locationId=239083&aar=2017&margin=0&code=20YMAX

Leatherbarrow, David. (2008). Architecture Oriented Otherwise. New York: Princeton Architectural Press.

Leatherbarrow, David. (2015). Building In and Out of Place. Architectural Design, 85(2), 24-29.

Løken, Astrid. «Dropper omstridt utbygging, vil flytte trikken og fjerne stort småbåtområde». Aftenposten. 21.04.2021. https://www.aftenposten.no/oslo/i/kRgd3Q/nytt-skoeyen-forslag-dropper-omstridt-utbygging-vil-flytte-trikken-og Norberg-Schulz, C. (1978). Mellom jord og himmel : En bok om steder og hus (Vol. 6, Tankekors). Oslo: Universitetsforlaget.

Oslo Havn. «Oslo havns historie». https://www.oslohavn.no/no/meny/om-oslo-havn/om-os-lo-havns-historie/

Oslofjorden. "Kyststien" https://www.oslofjorden.com/kyststi/oslo/kyststi_bygdoey_rundt_oslo.html

Oslo Kommune. «Fjordbyen». https://www.oslo.kommune.no/slik-bygger-vi-oslo/fjordbyen/#gref

Oslo Motorbåtforening. «Historien om Oslo Motorbåtforening» https://www.om1911.no/om-om1911

Oslo Roklubb. «Historie». https://oslo-roklubb.no/historie.html

Oxford Learner's dictionaries, s.v. «Threshold» 28.04.2021. https://www.oxfordlearnersdictionaries. com/definition/american_english/threshold

Plan- og bygningsetatens Fjordbyenhet - AKVA. «Aktiv vannflate - En mulighetsstudie om bruk av fjorden»

https://innsyn.pbe.oslo.kommune.no/saksinnsyn/showfile.asp?jno=2020087206&fileid=9128710

Plan- og bygningsetatens Fjordbyenhet. "Demografi Fjordbyen" https://innsyn.pbe.oslo.kommune.no/saksinnsyn/showfile.asp?jno=2022087259&fileid=10303894&fbclid=IwAR0OzRbAkbFhWiq4I_vogVq5J4UW788nsY7NablDz3yo9owKAMvUVF8by_Y

Prinsesseåsen/Hengåsen - naturreservat http://faktaark.naturbase.no/?id=VV00003058

Savage, Maddy. «Friluftsliv: The Nordic concept of getting outdoors». BBC. 11.12.2017. https://www.bbc.com/worklife/article/20171211-friluftsliv-the-nordic-concept-of-getting-outdoors

Map:

Historical maps: https://www.oslo.kommune.no/OBA/kart/

Nature conditions map: https://geocortex01.miljodirektoratet.no/Html5Viewer/?viewer=naturbase

Noise zone map: https://tjenester.oslo.kommune.no/ekstern/veiledere/eiendomsinfo/

Images:

Historical images: https://digitaltmuseum.no/search/?q=bestumkilen&aq=owner%3F%3A%22O-MU%22

Oslobilder.no

Private photographs