

DRIFTWOOD

HOTEL

STEFAN AABERG LANDØY

The project is located at Lohavn, the last part of the development in Bjørvika, and is planned to contain 46 000m² office space, 127 000 m² housin and 25000 m² for hotel/culture.

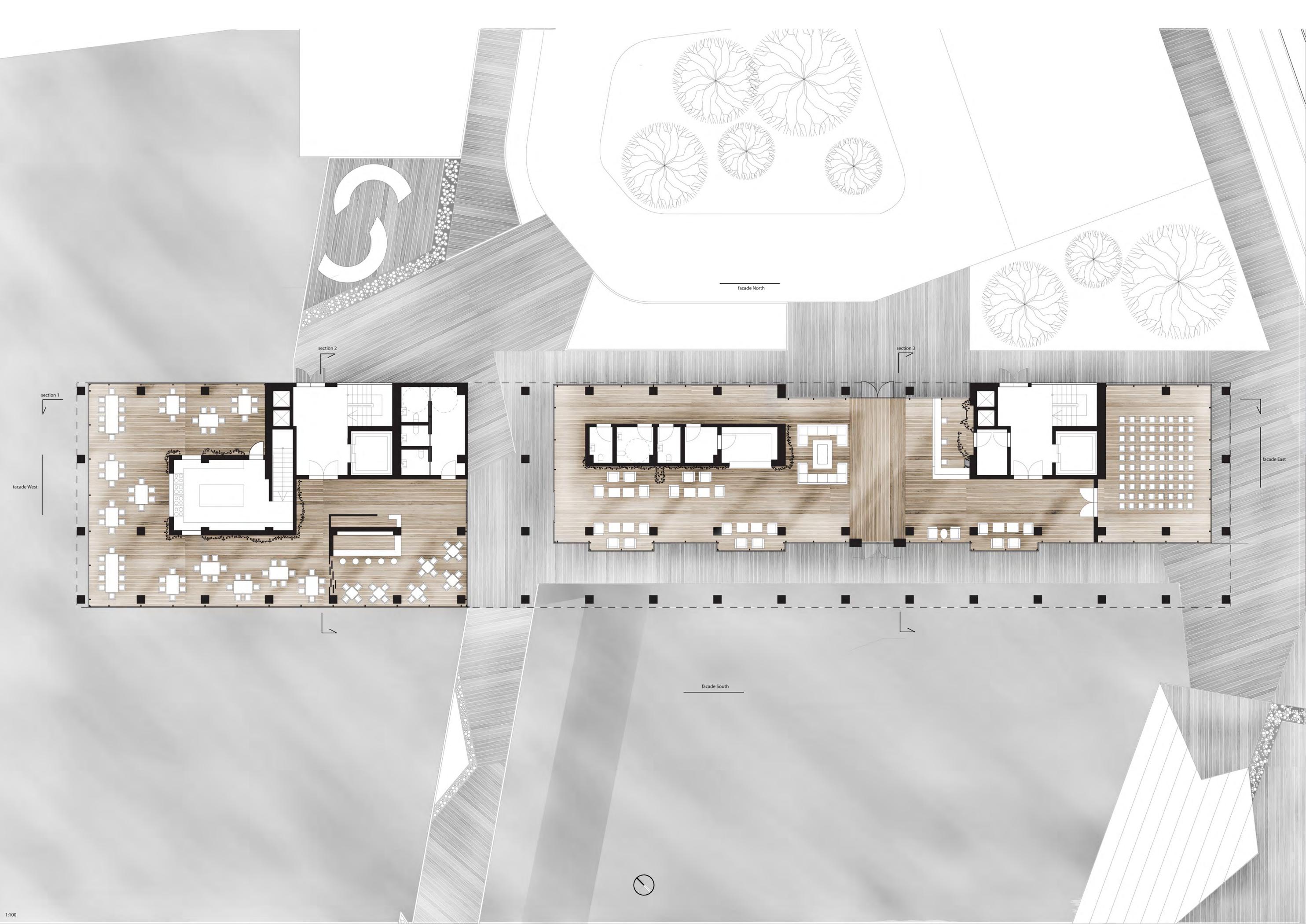
The first task of the project was to develop a new urban form for the site. The promenade was split into two parts to maximize the contact between water and land. The site was further divided between two urban fabrics, the long building piers close to the water and townhouses towards the road. The townhouses are raised up to accommodate parking for the entire site underneath and close to the road. This makes the promenade a shared space focusing mostly on pedestrians and cyclists. In the middle of the site a new water plaza defines the center.

The next phase of the project was to design a multi functional timber structure within the urban plan. This project is a proposal for a new hotel located on the north side of the water plaza. The location has no obstructions from the sun or the view. In order to activate the streetscape the hotel also contains a cafe, restaurant, a bar together with two conference rooms. The hotel contains 86 separate rooms that can in some cases be connected together in order to accommodate larger groups.

Construction:
Main construction for horizontal loads consists of cross laminated timber situated on top of a system of glulam timber beams and columns. Vertical loads are taken up by two elevator shafts made out of concrete. When the building stands above water loads are being transferred from timber columns to concrete.

Facade:
The building facade consist of Norwegian spruce that will in time become gray in apperance. The regular construction will be broken up in the facade by a set of sunblinds controlled from each room. These blinds can both protect against the sun during the day and offer privacy during the night.





facade North

section 2

section 3

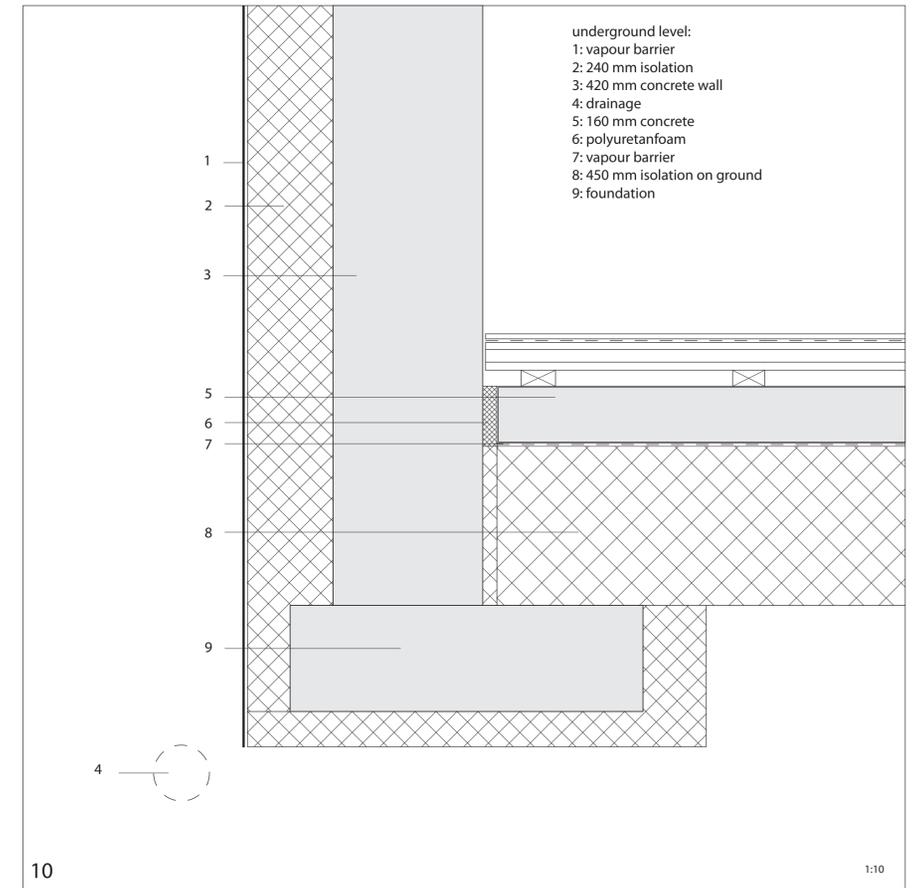
section 1

facade West

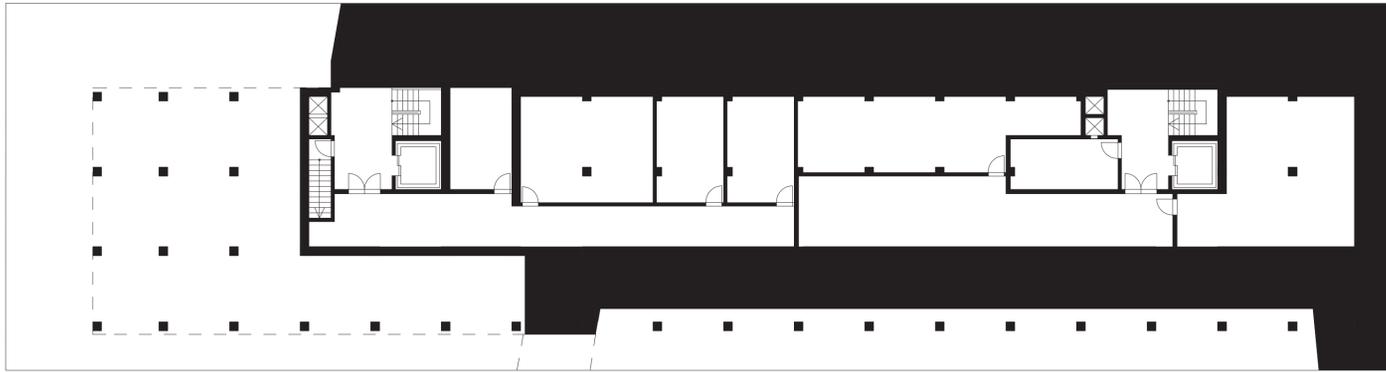
facade East

facade South





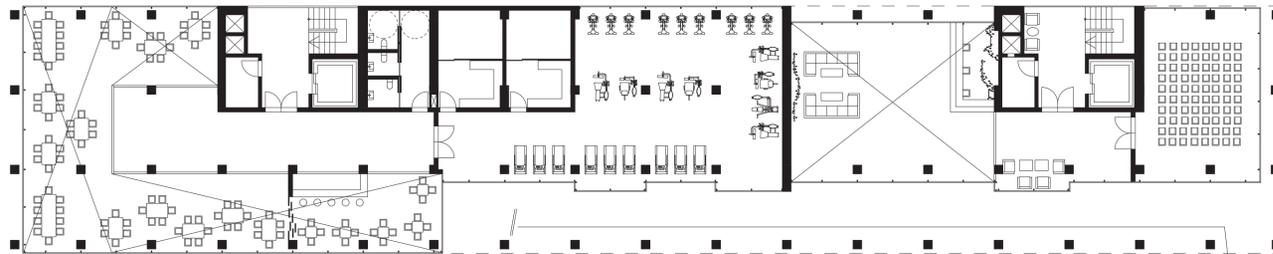




Basement



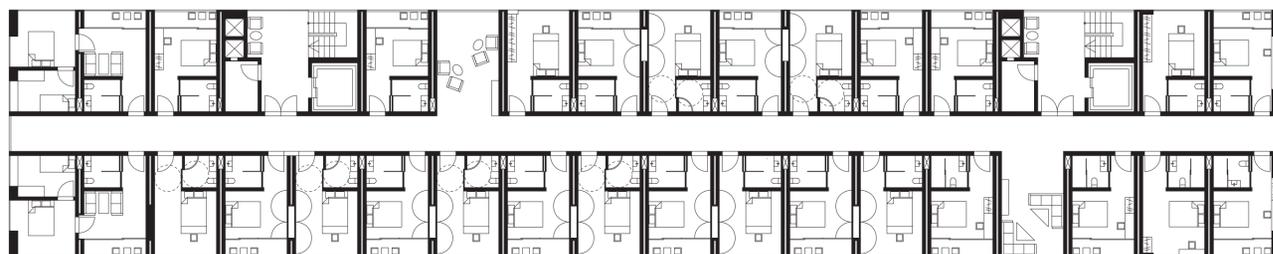
4th floor



2nd floor



5th floor



3rd floor



roof top





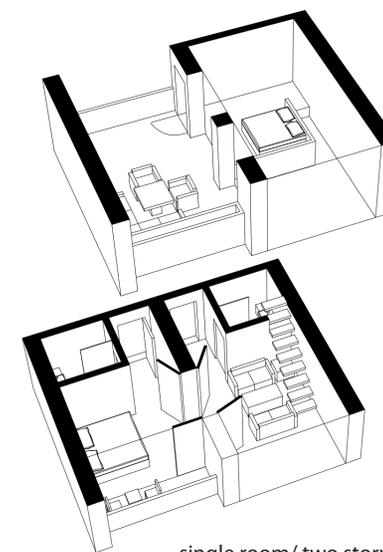
facade North
1:200



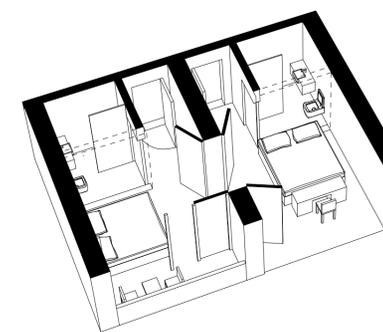
facade East
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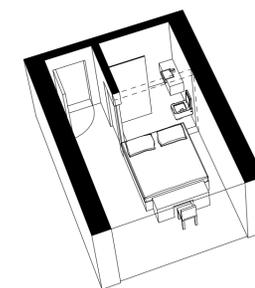
facade West
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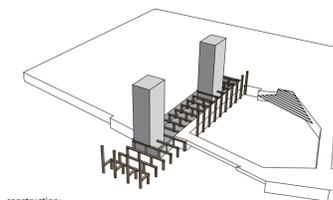
single room/ two story
dubble room with terrasse



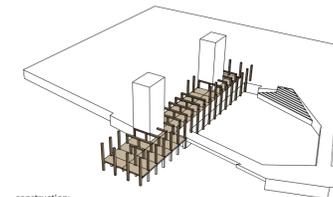
single room/ dubble room



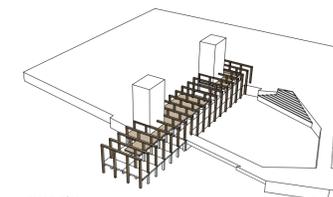
single room



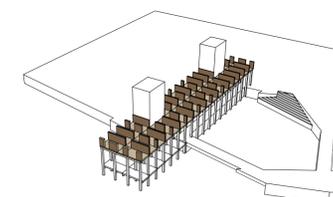
construction:
Beam and columns on ground level
together with elevator shafts



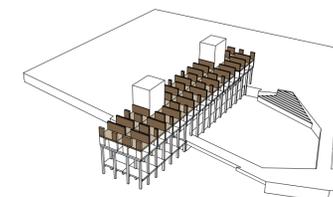
construction:
Ground floor with CLT timber
together with beam and columns



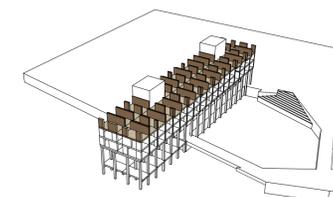
construction:
2nd level with CLT floor and final
beams and columns.



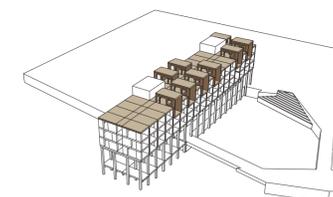
construction:
First floor of hotel box. CLT floor and
walls.



construction:
2nd floor of hotel box. CLT floor and
walls.



construction:
3rd floor of hotel box. CLT floor and
walls.



construction:
Top floor of hotel box. CLT walls and
roof.

