WELCOME TO THE PRESENTATION OF THE BOURJ HAMMOUD WATERSPORTS CENTRE

Poem from the perspective of the building
inspired by quotes from tutors.

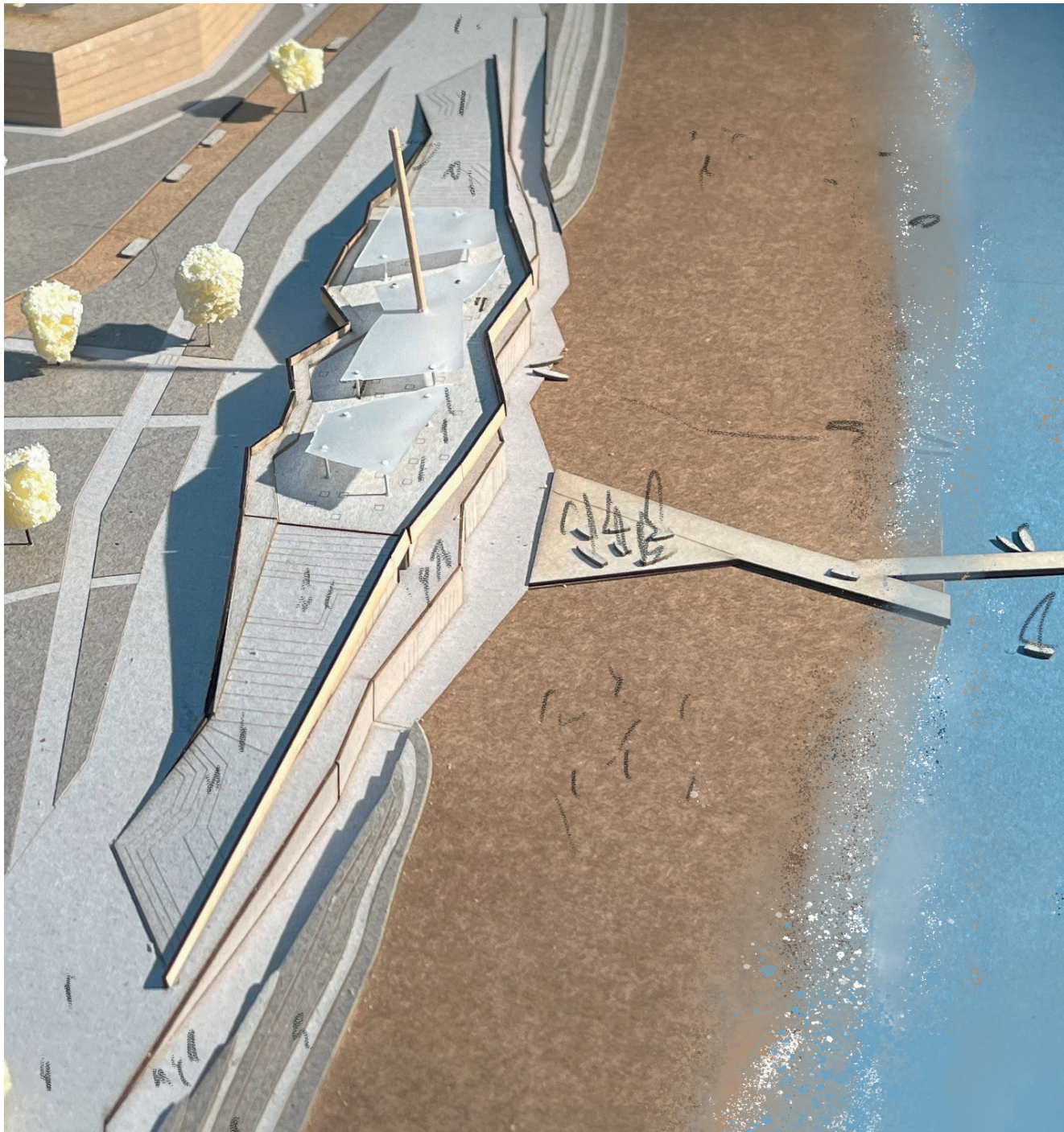
Me

Blending in while standing out.
For the masses, and the small crowd.
On water or on land.
It's the two that I blend.

I am my surroundings.
My surroundings are me.
Beach, land and Mediterranean Sea.

I know what I want to be.
Something else for everyone to see.
Thus, the place to see everyone else.

Long and low.
After a year.
Now.
The final show!



COMPLEX PROJECTS

Beirut studio
P5

november 2022

COMPLEX PROJECTS

Beirut studio




CATASTROPHE
A BOOST FOR CHANGE

COMPLEX PROJECTS

Beirut studio



COMPLEX PROJECTS

Beirut studio



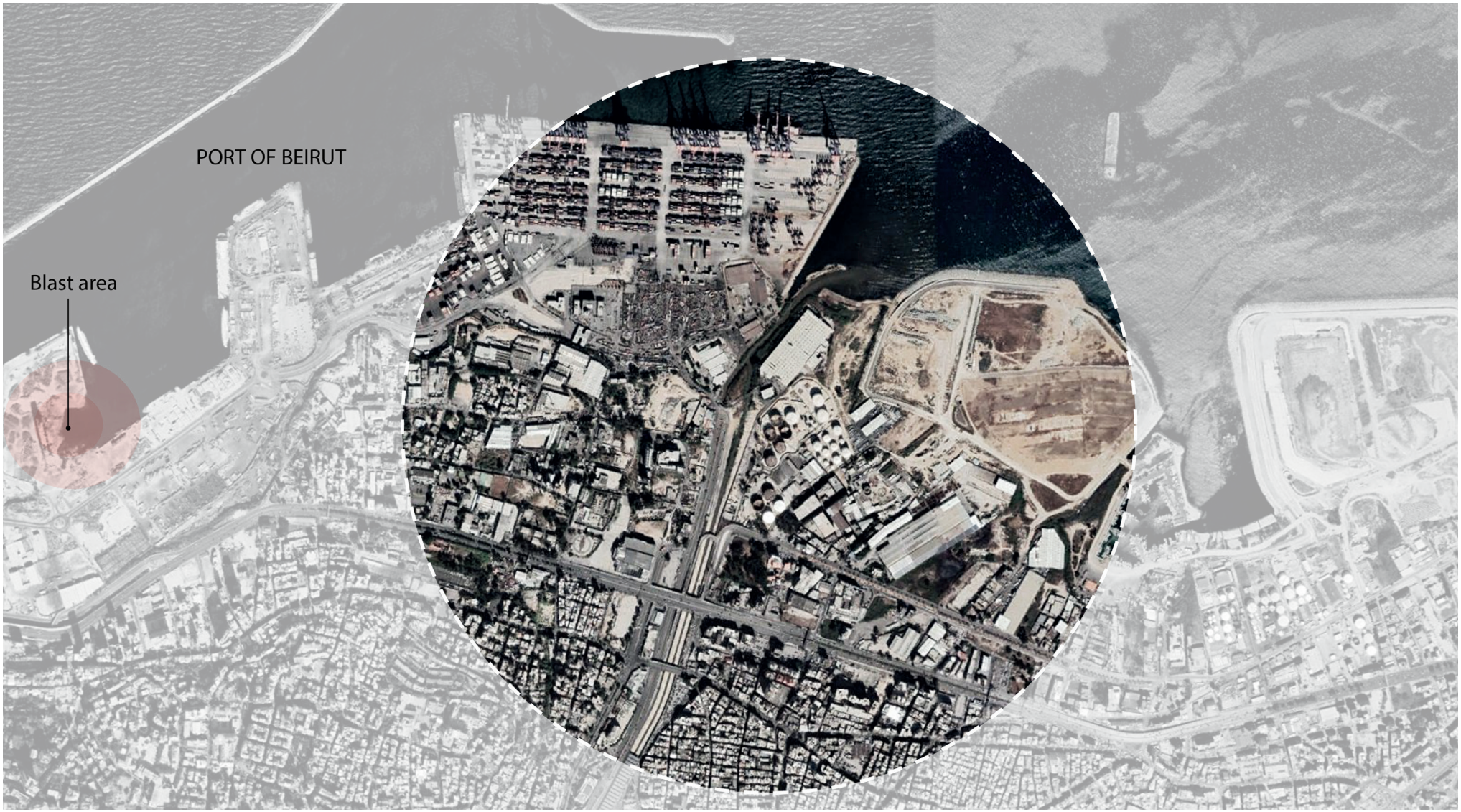
COMPLEX PROJECTS

Harbour site



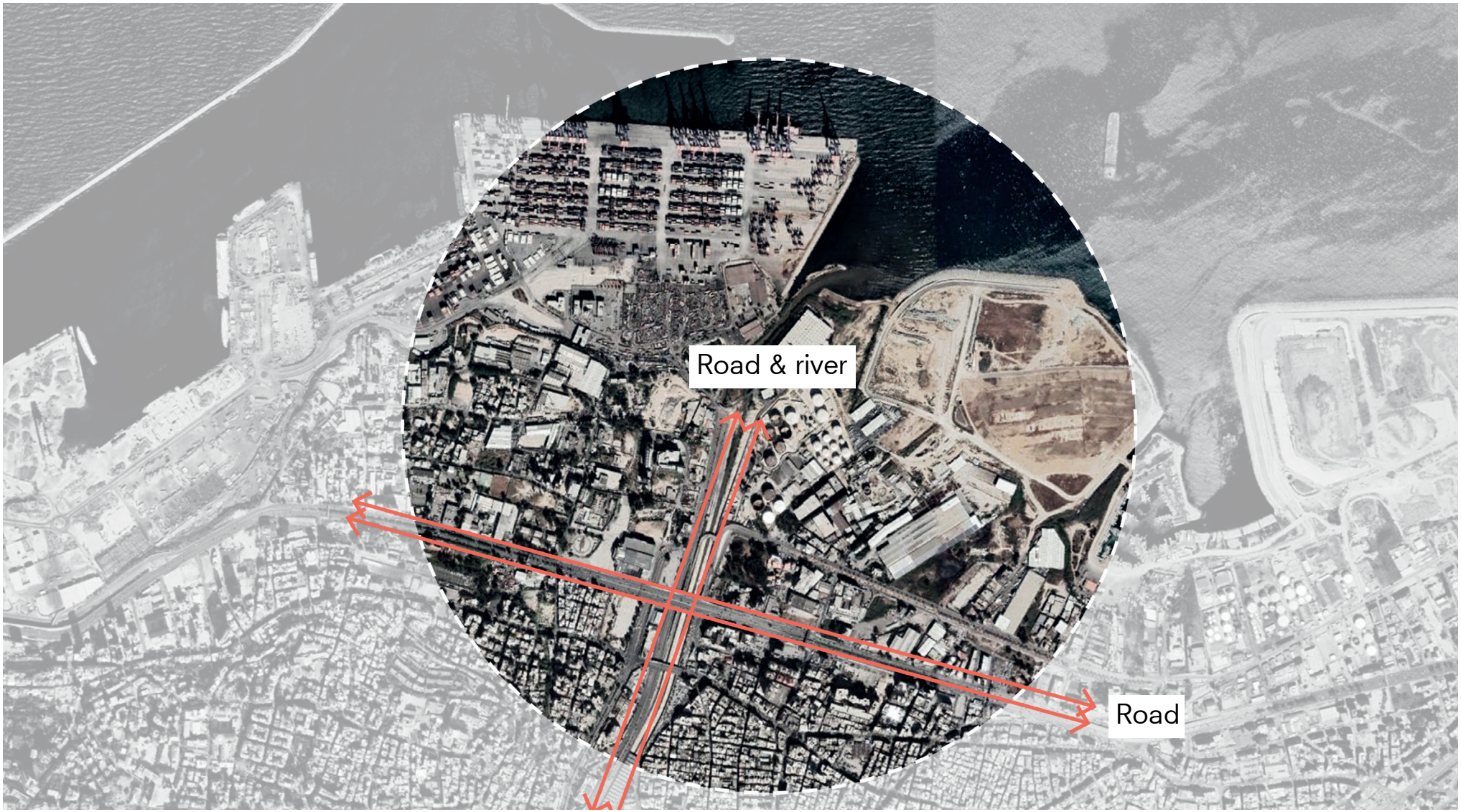
COMPLEX PROJECTS

Harbour site
Existing port



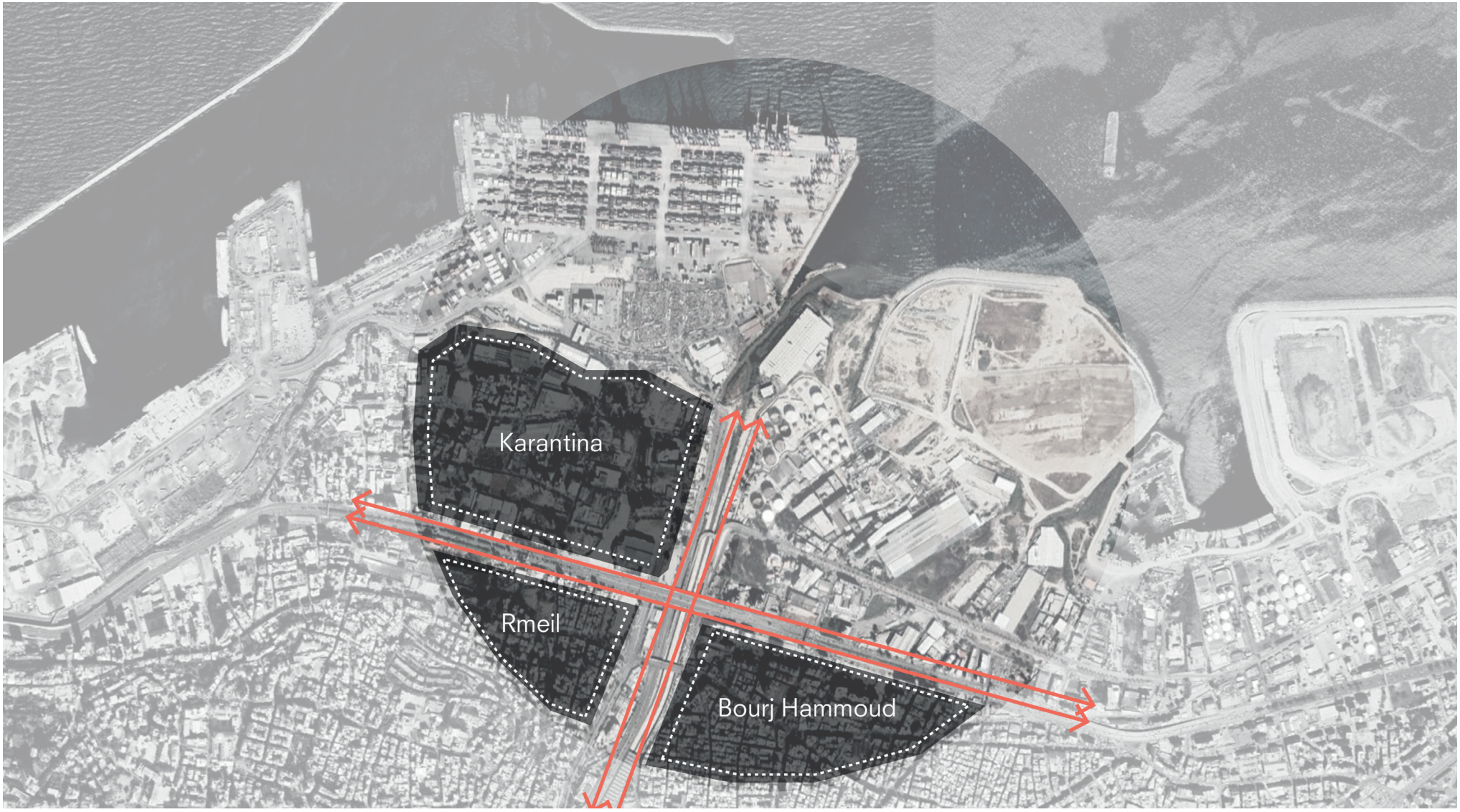
COMPLEX PROJECTS

Harbour site
Intersection



COMPLEX PROJECTS

Harbour site
Neighborhoods



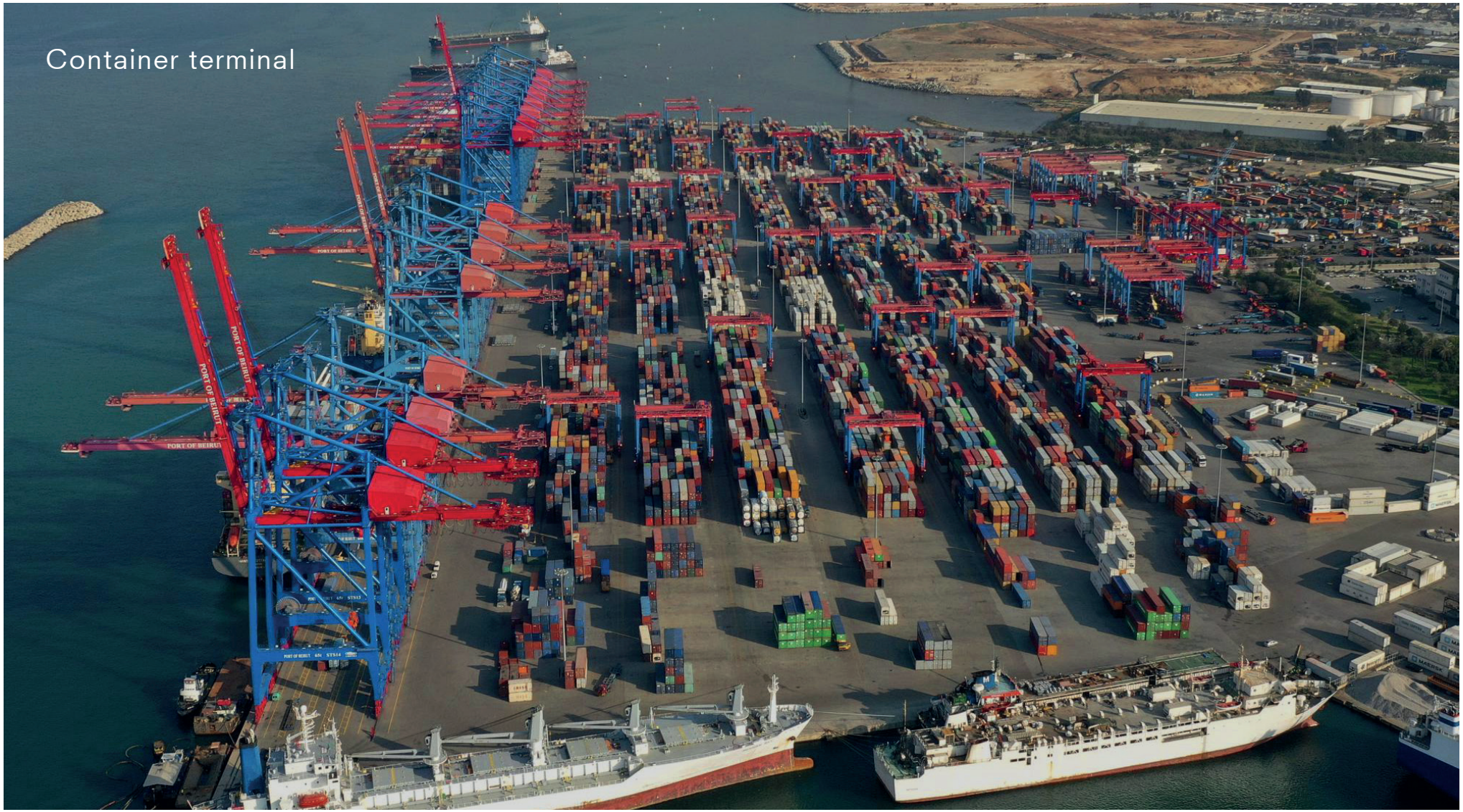
COMPLEX PROJECTS

Harbour site
Industrial coast



COMPLEX PROJECTS

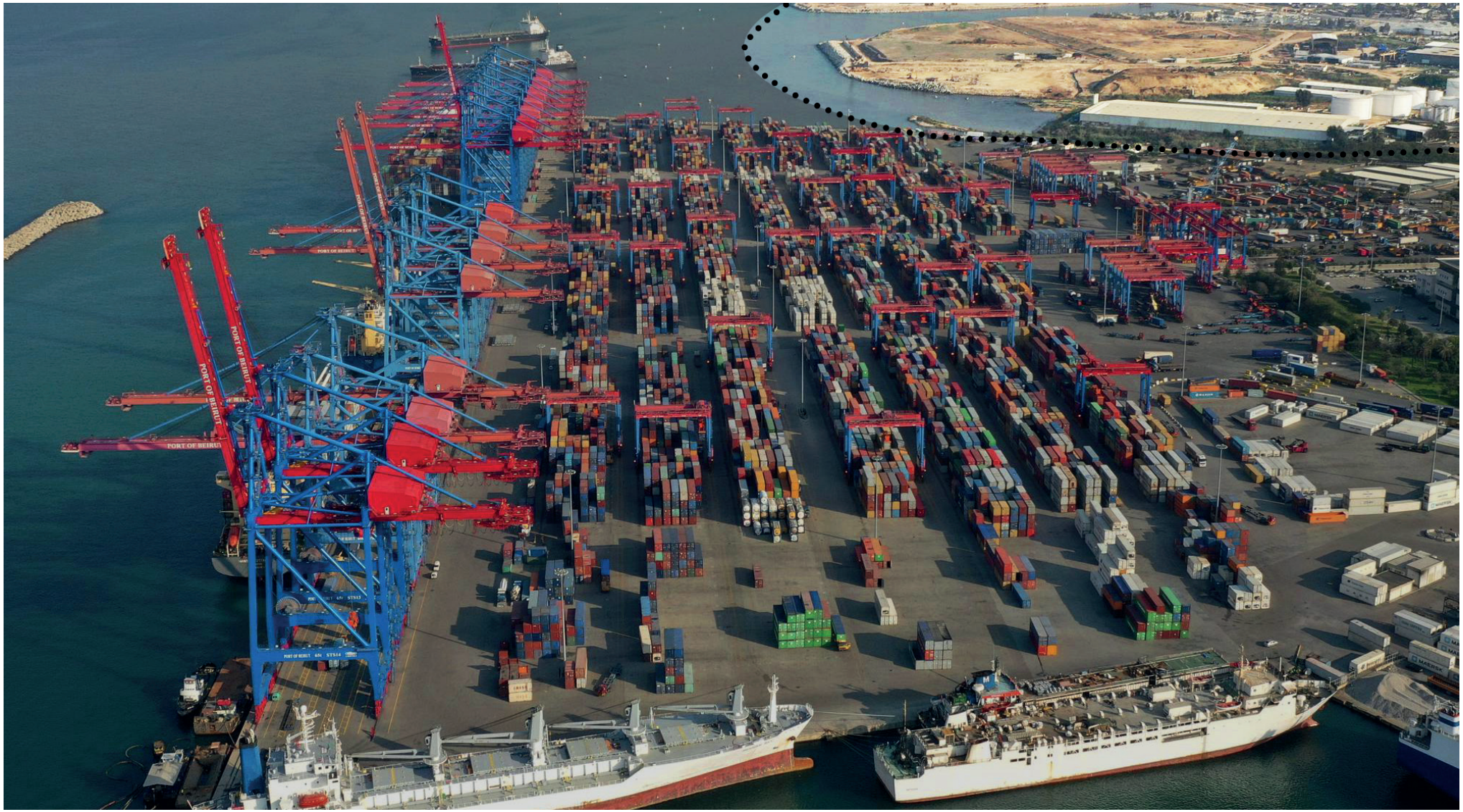
Harbour site
Industrial coast



COMPLEX PROJECTS

Harbour site
Industrial coast

Bourj Hammoud landfill



COMPLEX PROJECTS

Harbour site



COMPLEX PROJECTS

Harbour site



COMPLEX PROJECTS

Harbour site



COMPLEX PROJECTS

TEAM:Beirut Anchored



COMPLEX PROJECTS

TEAM:Beirut Anchored



BART BROERSEN | EDUCATION
Agriculture campus



CARLIJN REUMER | LEISURE
Bourj Hammoud
Watersports centre



DAN XIE | MOBILITY
Garage + Distribution center



GINA GOEDERT | OFFICE
Fashion office



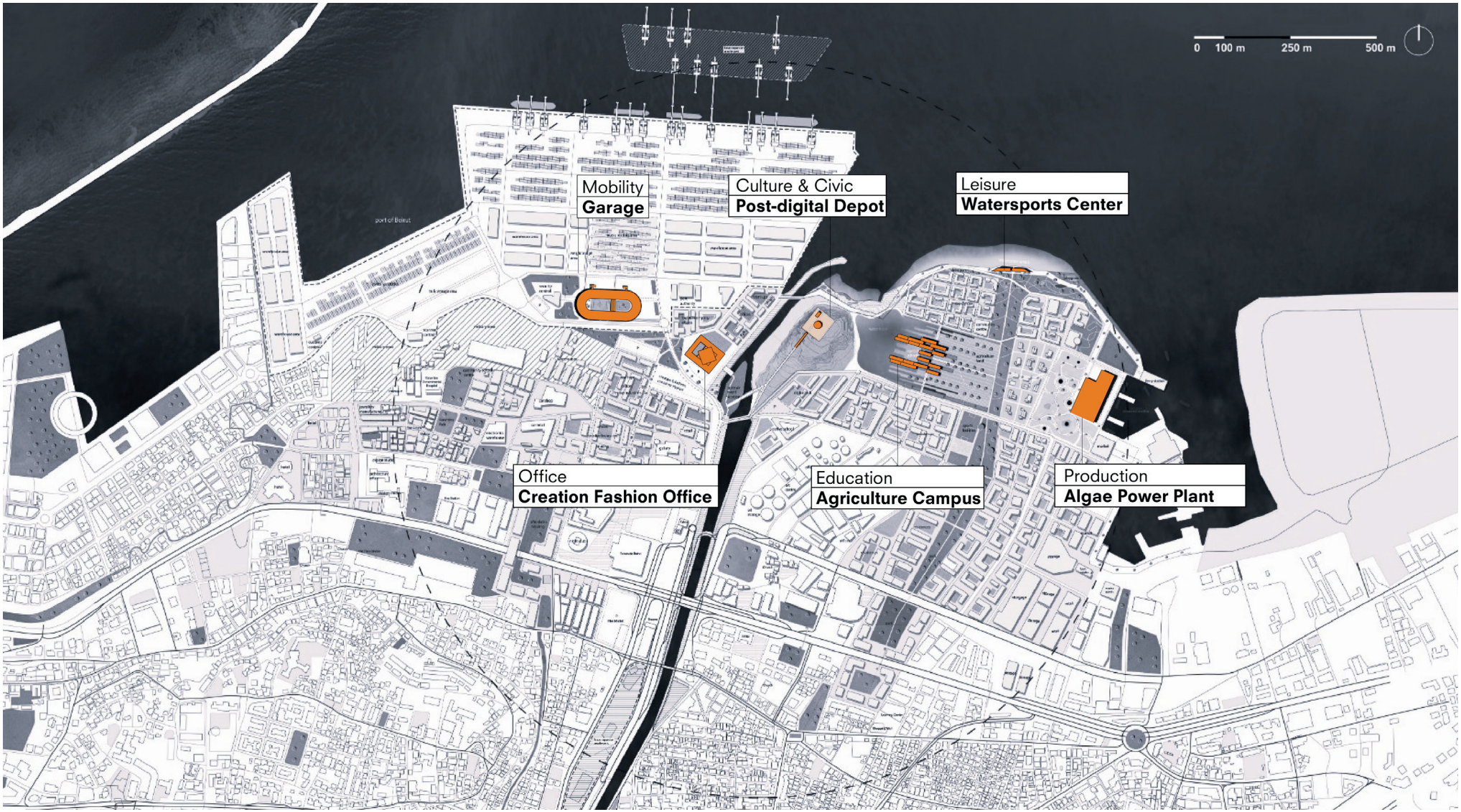
OYKU SU OKKAN | CIVIC & CULTURE
Post digital depot



SEYAR KHALILI | PRODUCTION
Energy power plant

COMPLEX PROJECTS

TEAM:Beirut Anchored

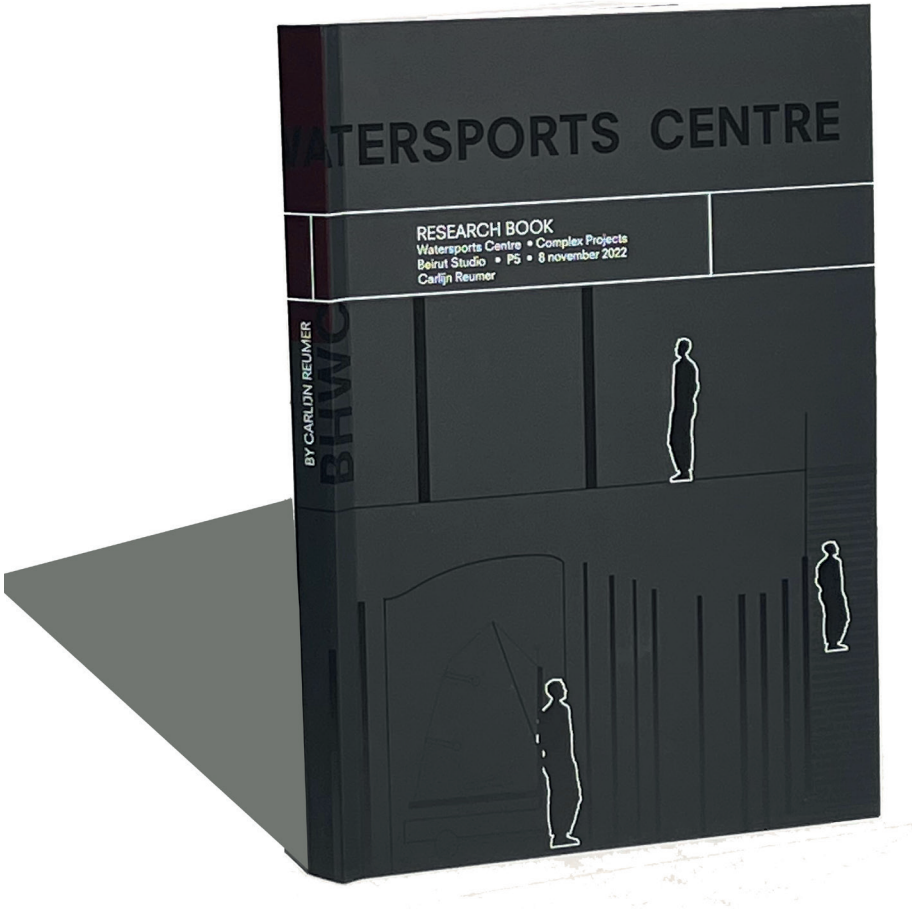


COMPLEX PROJECTS

Watersports Centre



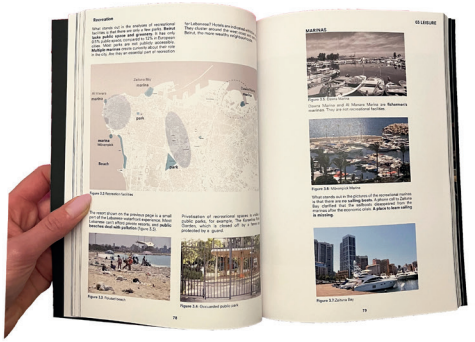




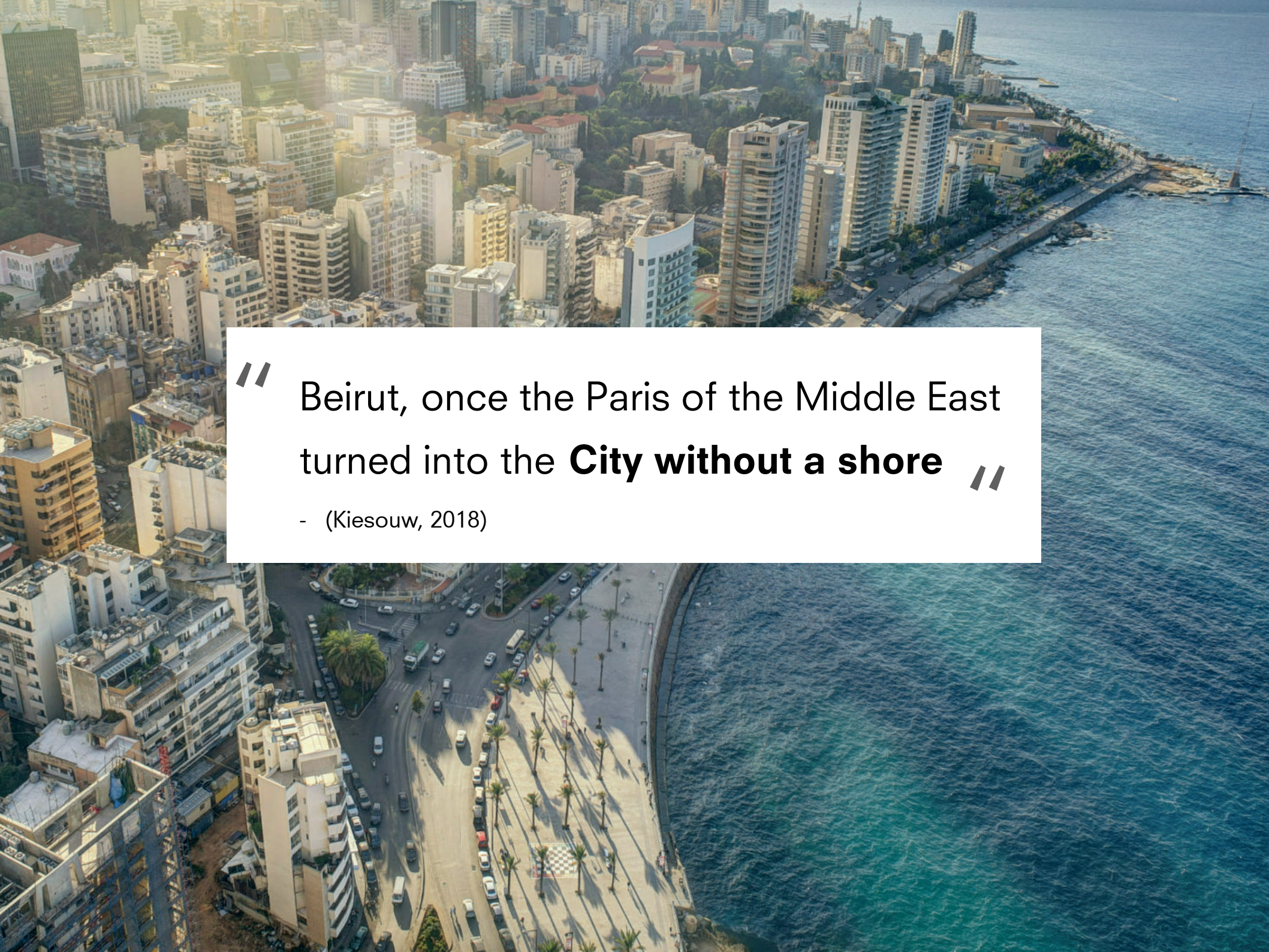
Beirut's need for the Project

RESEARCH BOOK





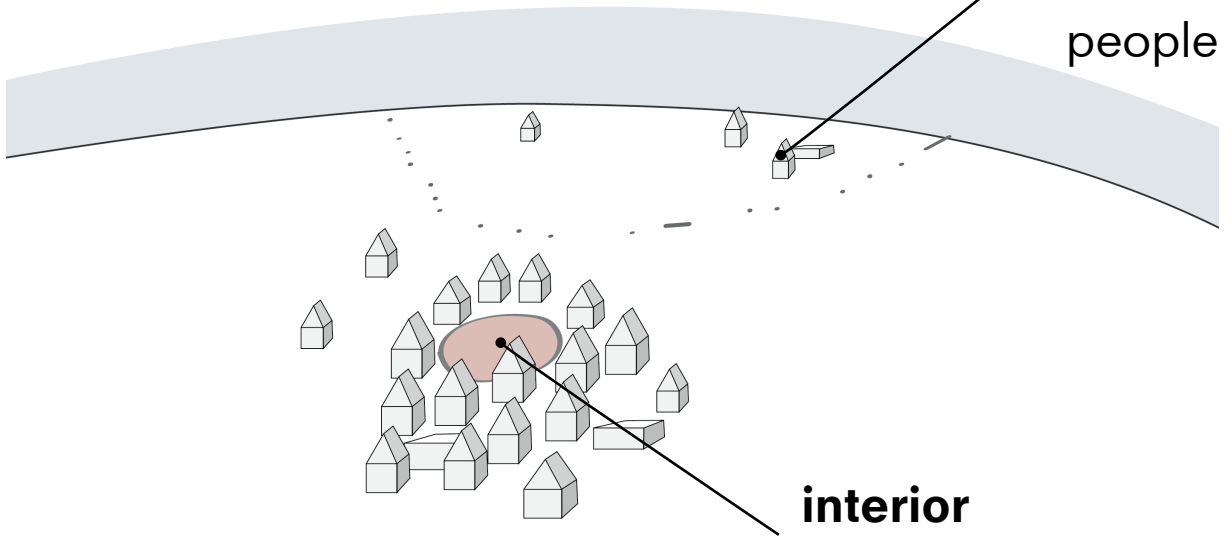




> Beirut, once the Paris of the Middle East turned into the **City without a shore**
>
> - (Kiesouw, 2018)

OTTOMAN EMPIRE

Lebanon before 1860



coast
small town of 6.000 people

interior
imperial administrative center & trading activity

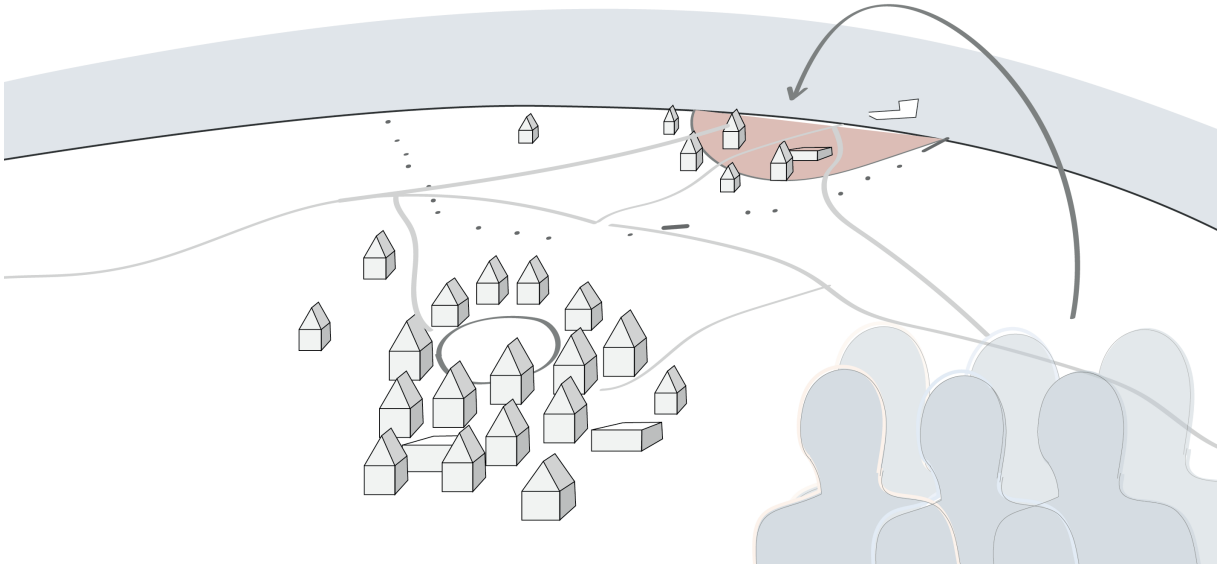
1860

Late Ottoman Empire

source:
Monroe, K. V. (2016). The Insecure City. Amsterdam University Press.

LATE OTTOMAN EMPIRE

(1860–1914)



rural-to-urban **migrants**
mixed cultures

1860

Late Ottoman Empire

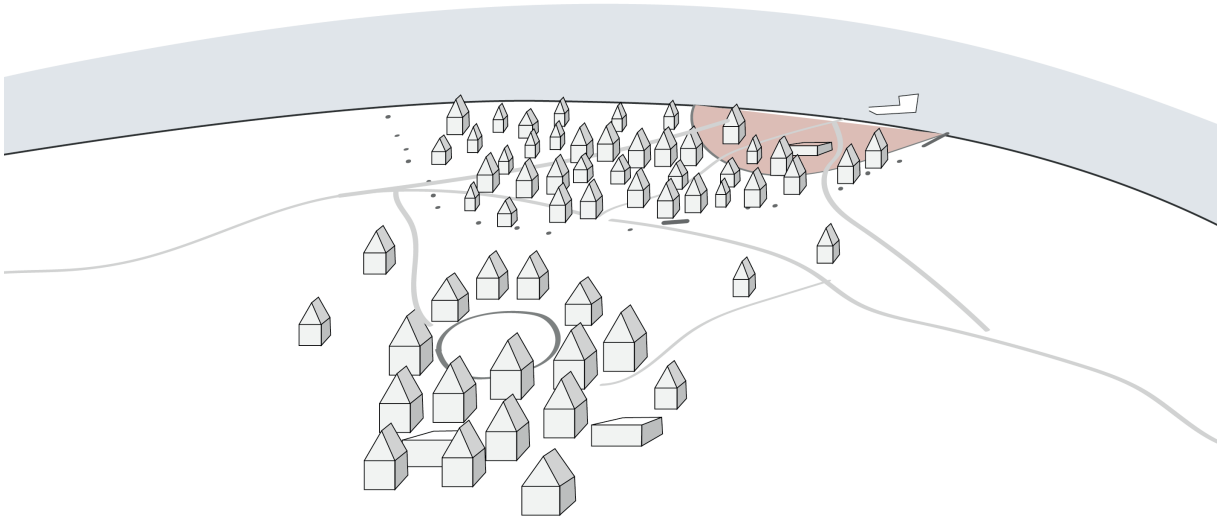
source:
Monroe, K. V. (2016). The Insecure City.
Amsterdam University Press.

LATE OTTOMAN EMPIRE

(1860–1914)

Major seaport city

population 120.000



1860

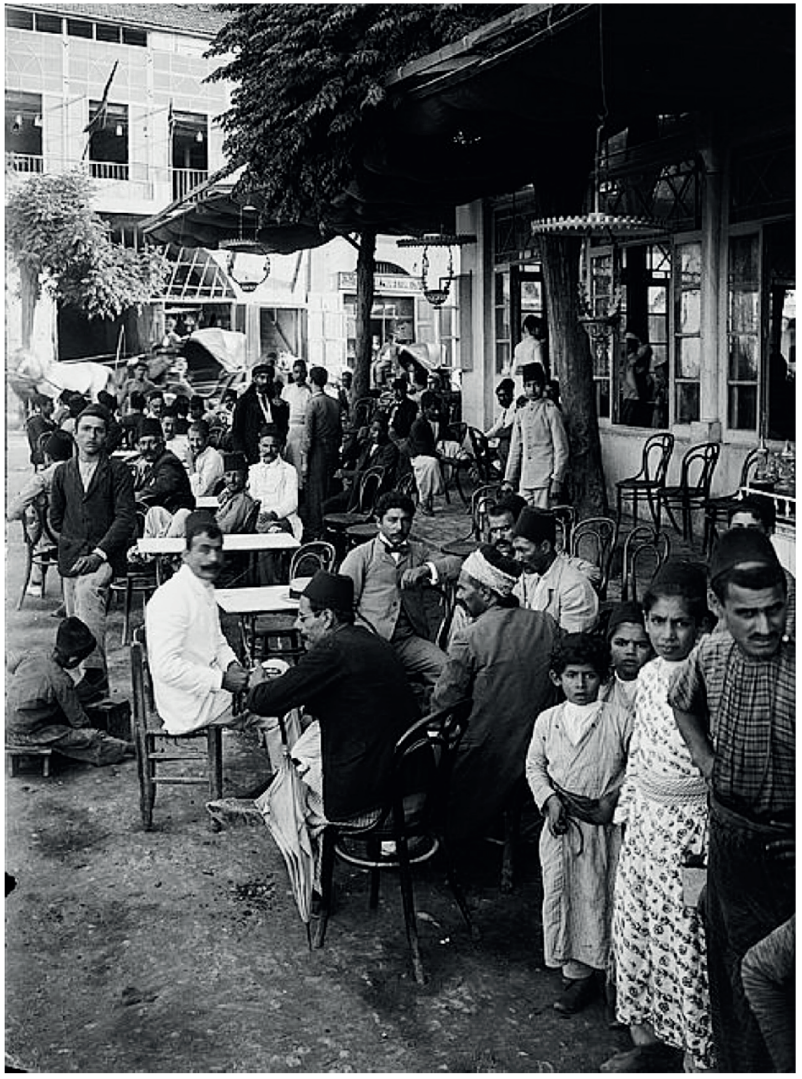
Late Ottoman Empire

source:
Monroe, K. V. (2016). The Insecure City.
Amsterdam University Press.

Late Ottoman Empire

NEW FORMS OF PUBLIC SOCIALITY

brought the people of Beirut together



Cafe at a Beirut public garden ca. 1900–1920.

source:
Monroe, K. V. (2016). The Insecure City.
Amsterdam University Press.

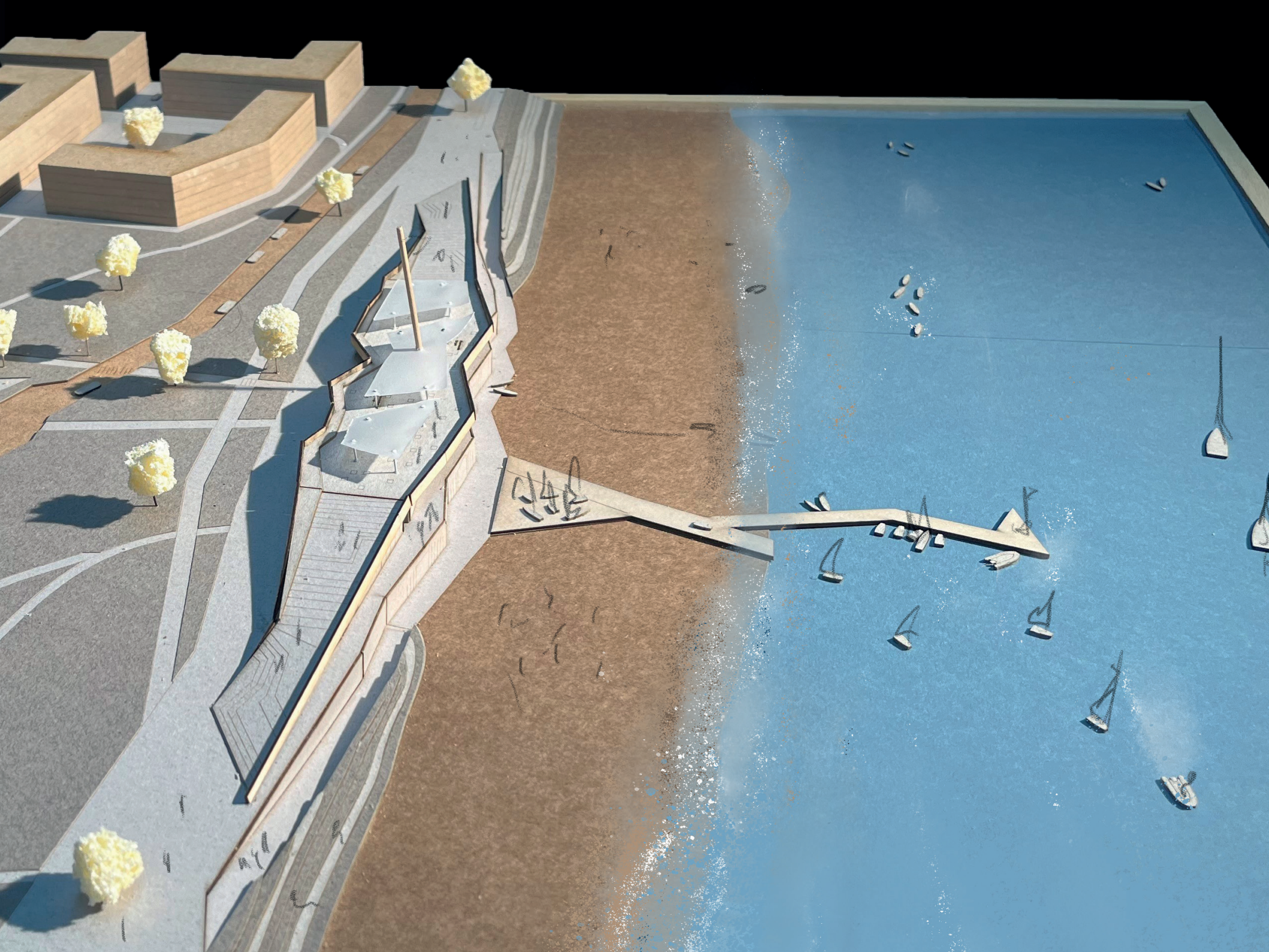
FRENCH MANDATE

Show piece of French urban planning

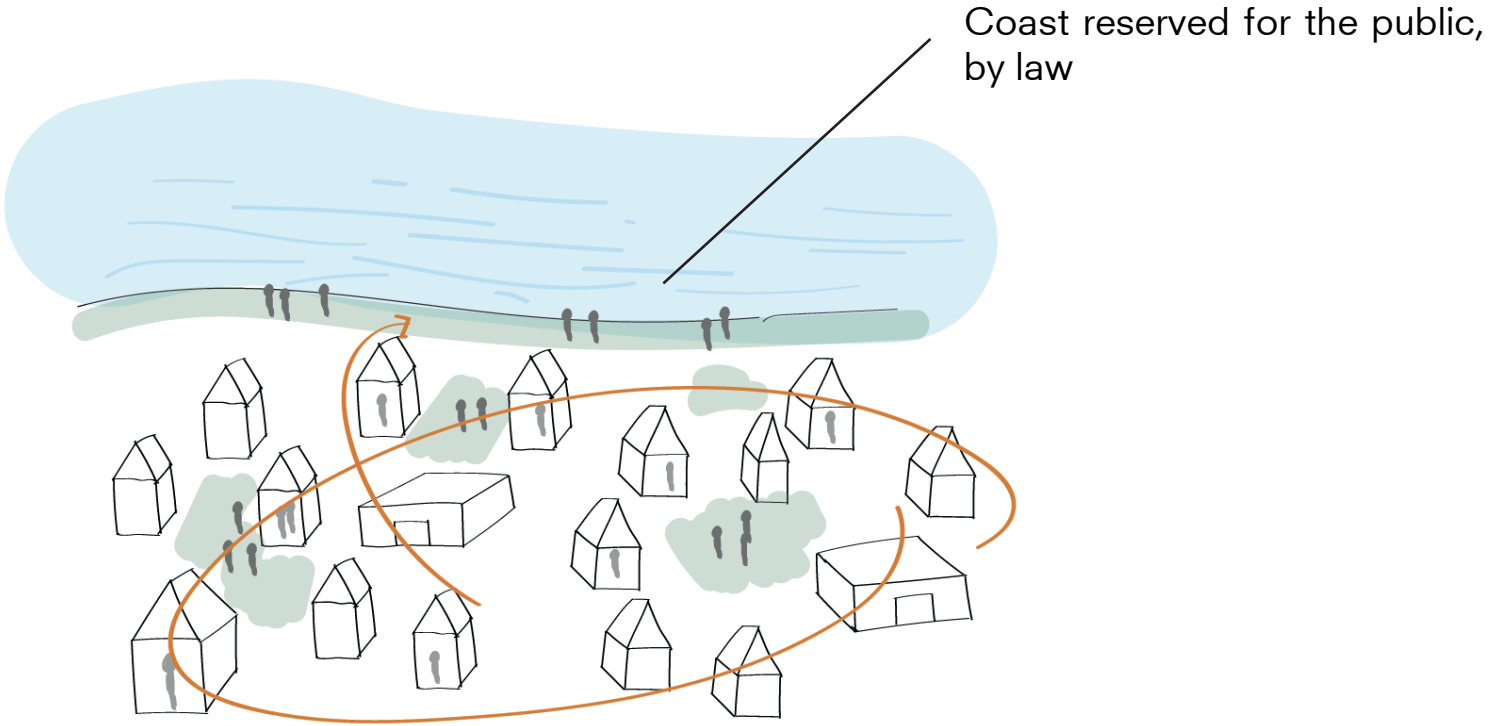




source:
Monroe, K. V. (2016). The Insecure City.
Amsterdam University Press.



FRENCH MANDATE





source:
Monroe, K. V. (2016). The Insecure City. Amsterdam University Press.

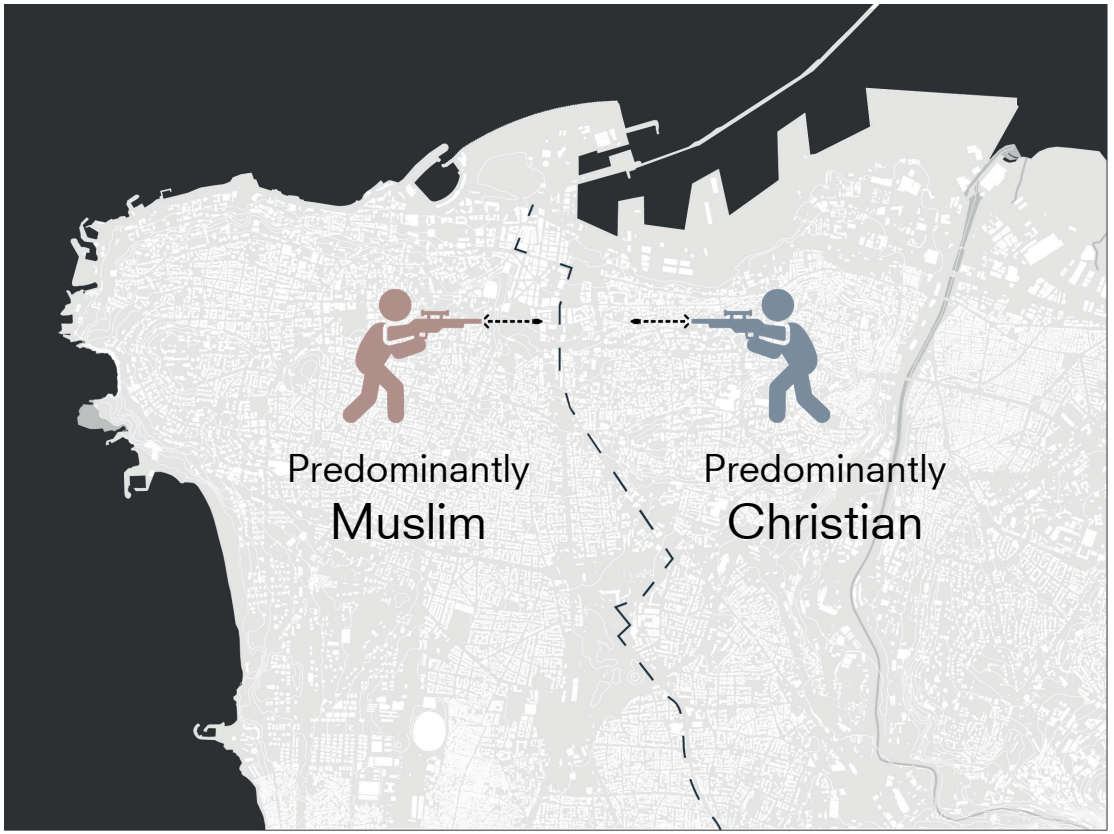
COAST FOR THE PUBLIC



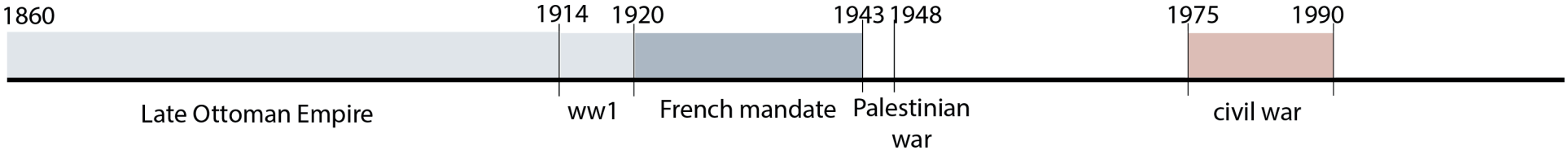


Civil War

GREEN LINE



The Green Line separated predominantly Muslim West Beirut from the predominantly Christian East Beirut

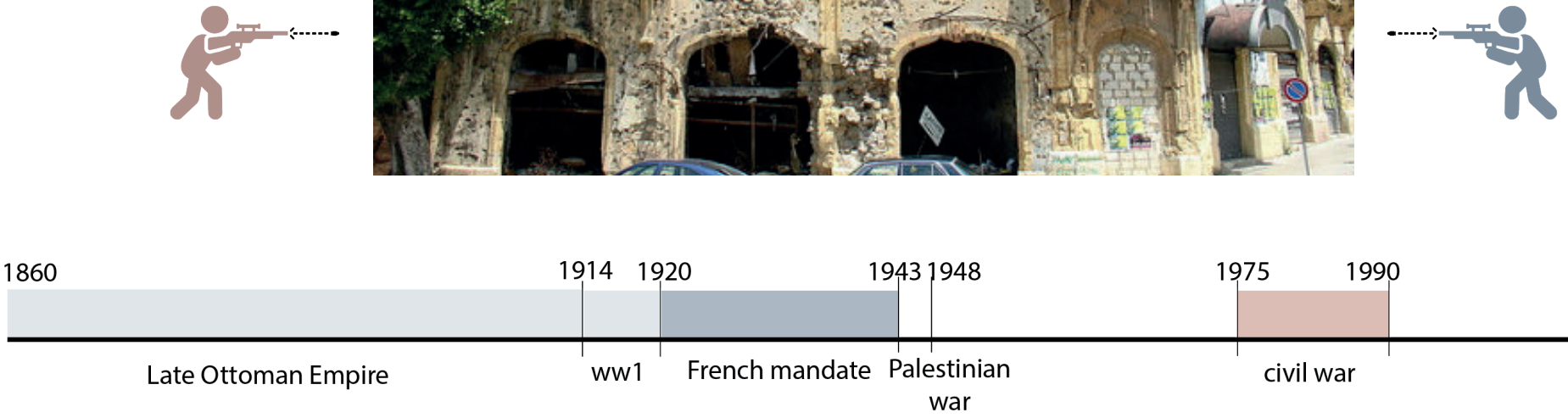


source:
Monroe, K. V. (2016). The Insecure City. Amsterdam University Press.

Civil War

BUILDING DAMAGE





source:
Monroe, K. V. (2016). The Insecure City. Amsterdam University Press.

Civil War

POST-WAR RECONSTRUCTION

30% of buildings in BCD were destroyed



POST-WAR RECONSTRUCTION

Change Beirut's image to appeal to **global investors** & compete internationally as a **tourist destination.**



A NEW BEIRUT

kind of Mediterranean Dubai

Wider perspective

POPULAR TOURISTIC DESTINATIONS



Wider perspective

RUINS



wider perspective

RUINS





80% of the remaining buildings in BCD were destroyed by Solider. To built a new Beirut that bear few reminders of past violence.

Solidere:

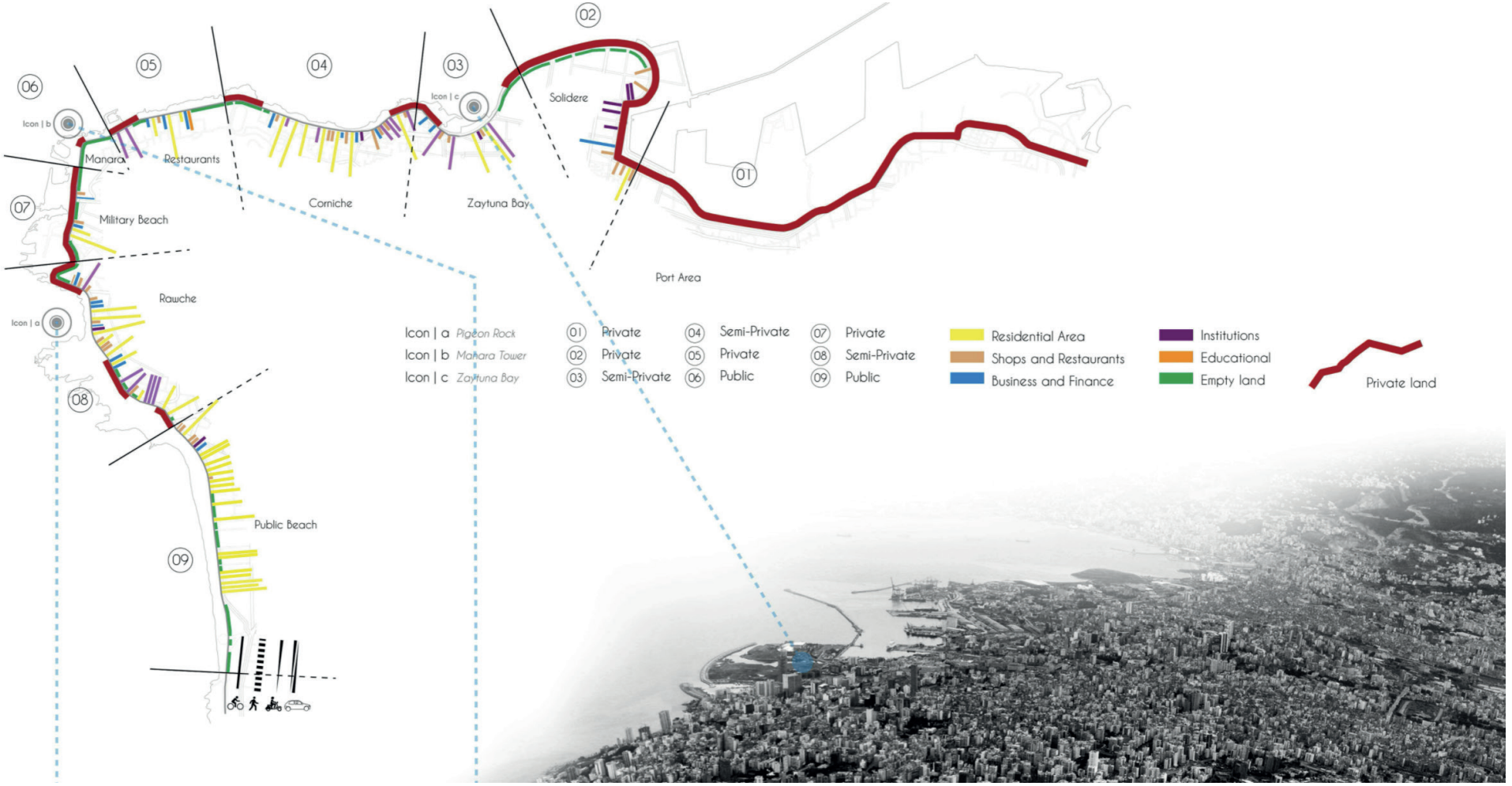
“Buy a share in the reconstruction of your city”

(Yahya 2007, 247)


PUBLIC SPACE
Beirut 0.5%
European cities 12 %
https://thecityateyelevel.com/stories/beiruts-placemaking-spirit/

Lack of public space

PRIVATE COAST



source:
https://www.iaacblog.com/programs/in-between-realities/

Lack of public space

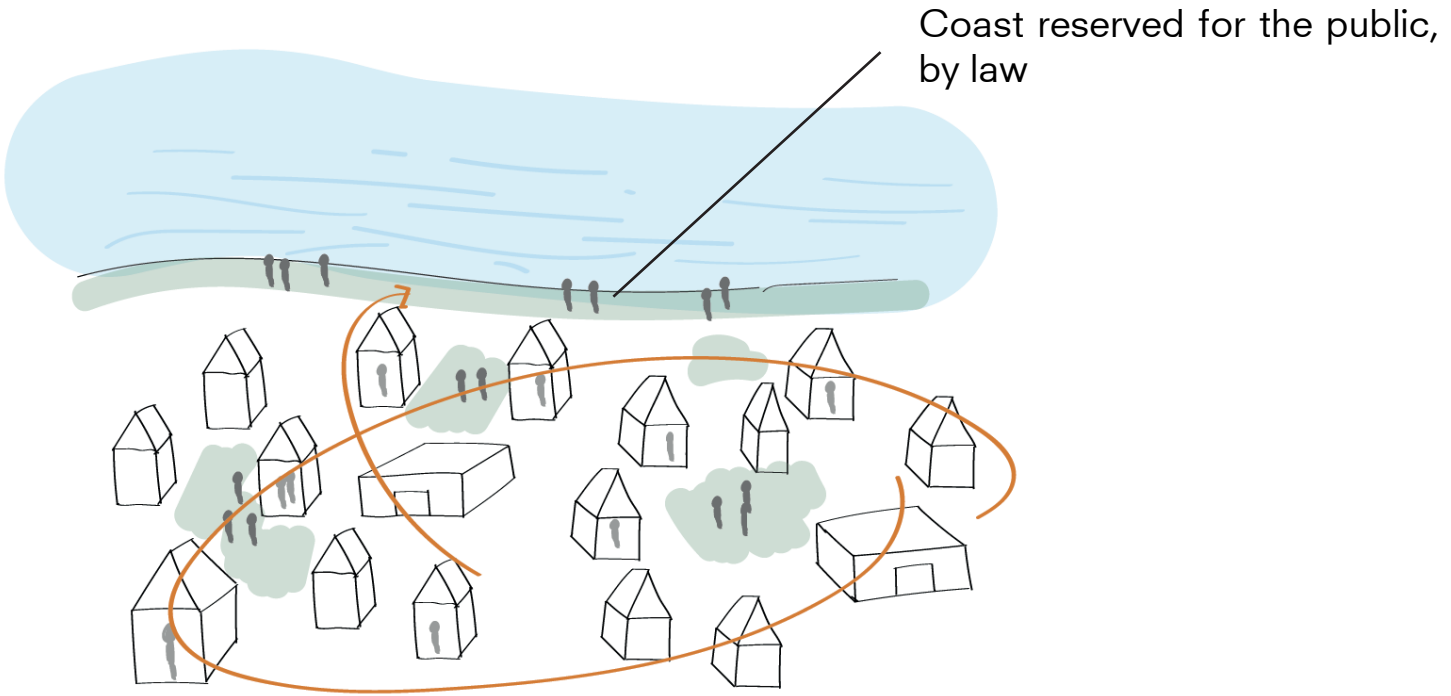
POLLUTED COAST



source:
group site visit

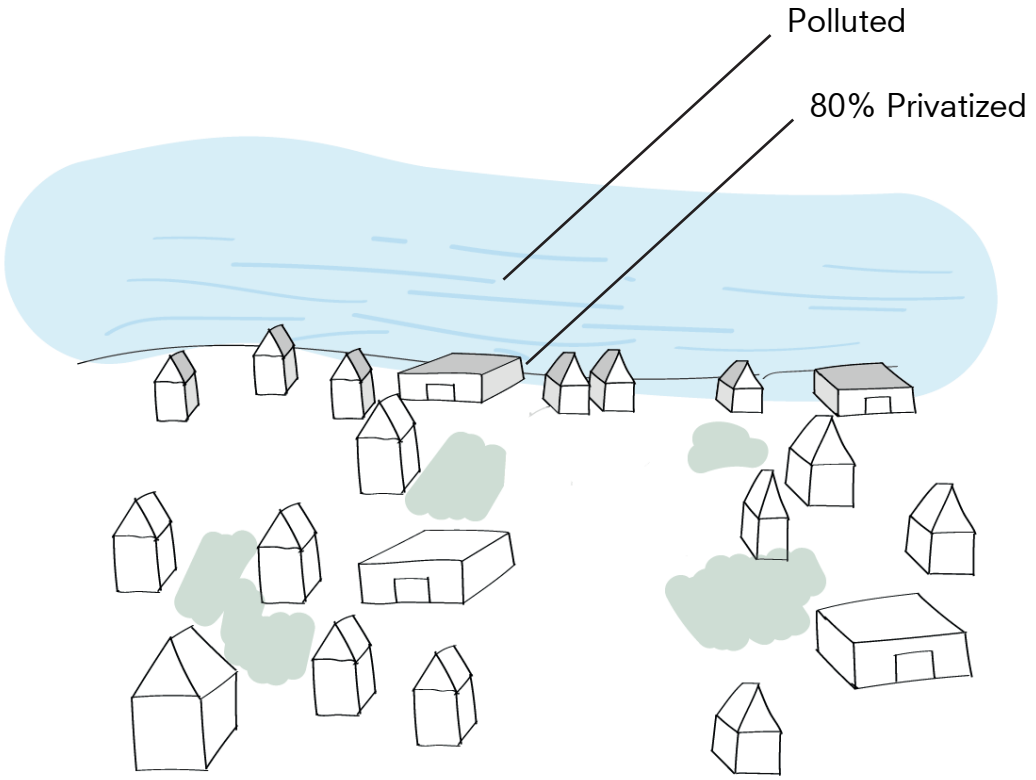
Beirut

COAST

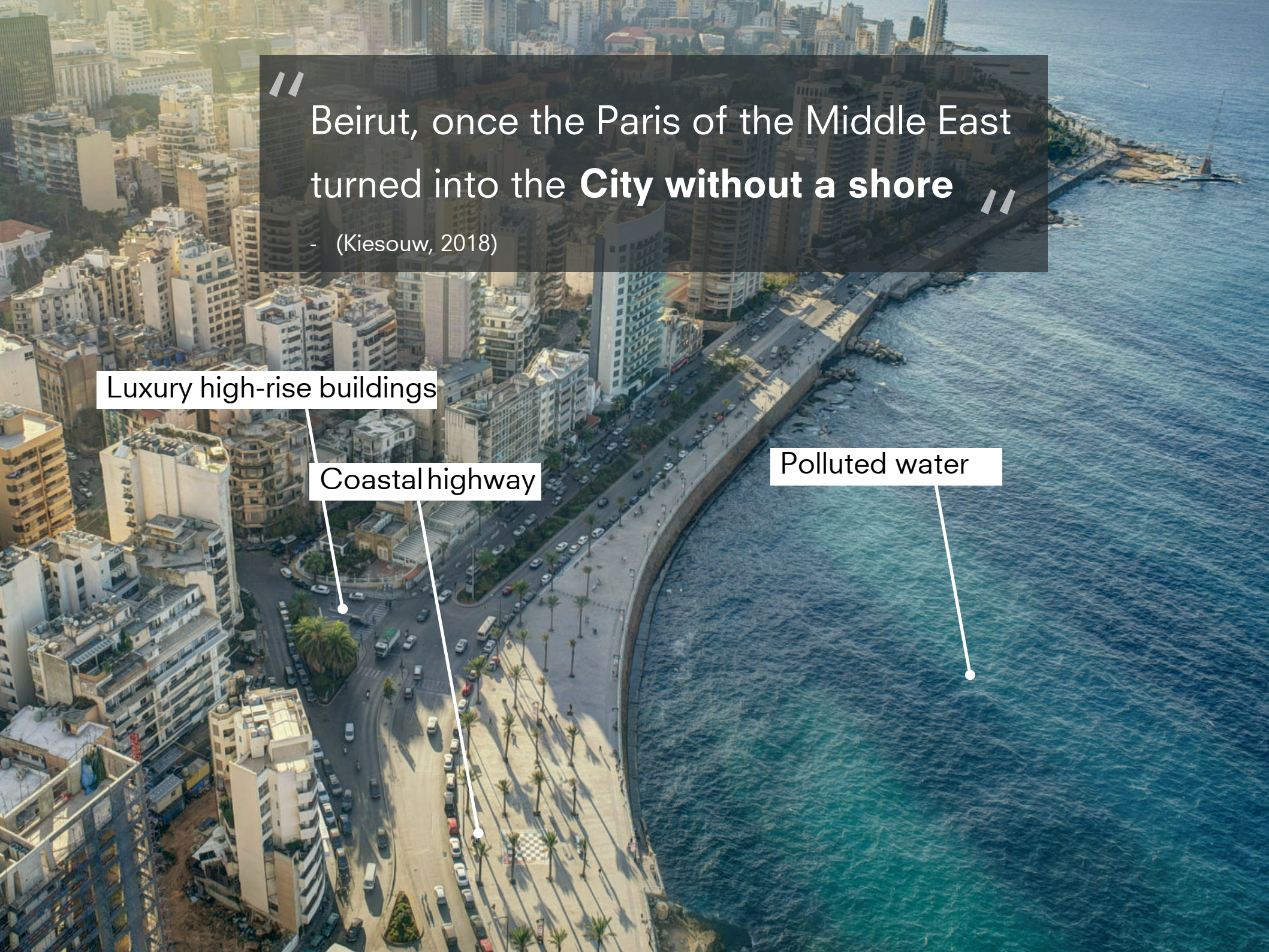


Beirut

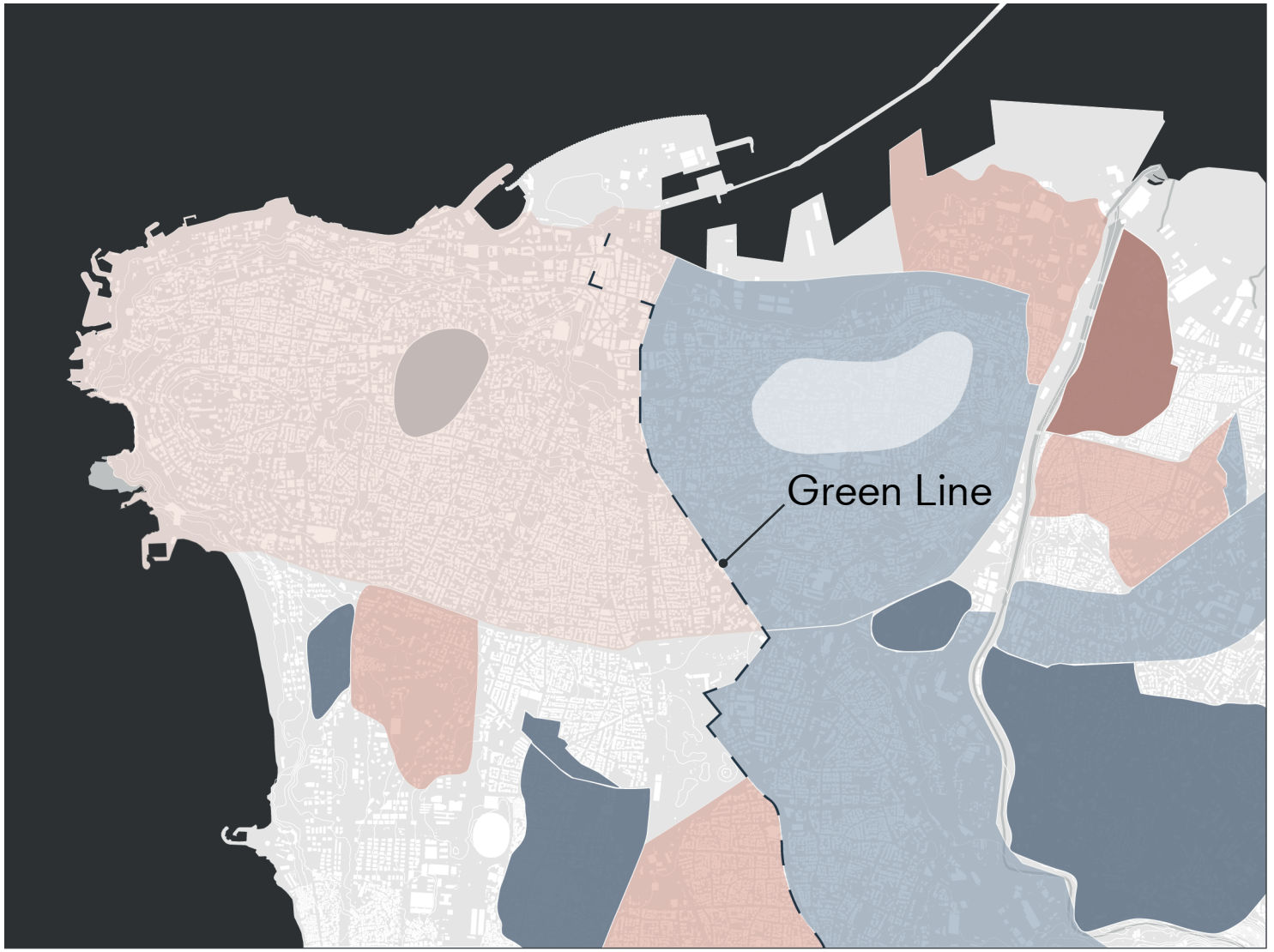
COAST




HAPPY FEW
Popolo
OPENING
SOON


" Beirut, once the Paris of the Middle East turned into the **City without a shore** "
- (Kiesouw, 2018)
Luxury high-rise buildings
Coastal highway
Polluted water

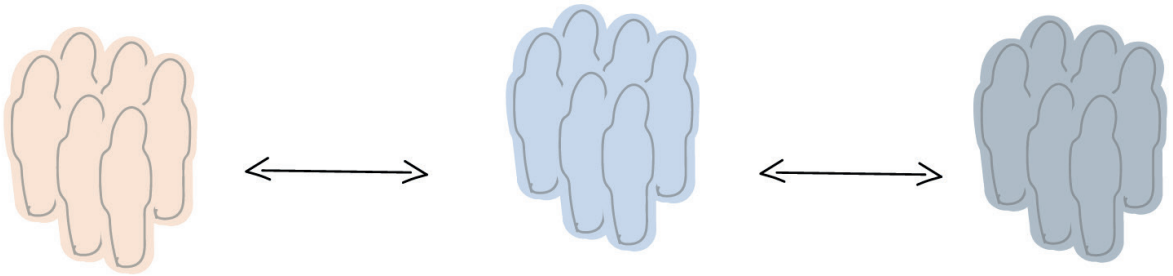
RELIGIOUS SEGREGATION

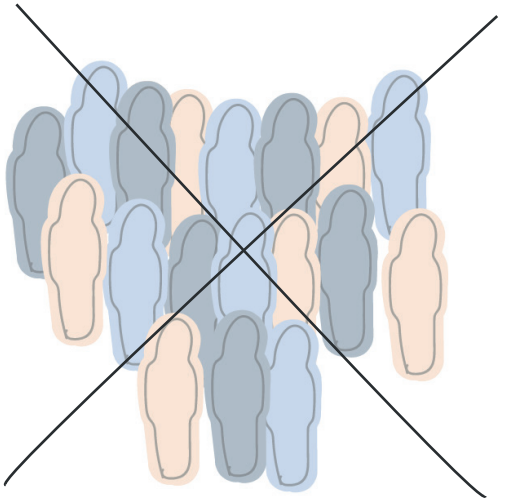


sources:
- P0.5 Group 00 the Cornucobay
- (El Chami, 2013)

Shia Muslims
Sunni Muslims
Druze
Christian
Orthodox Christian
Armenians
Palestinian

SEGREGATION





Beirut

SPORTS



"**Sport** has the potential to **unite fragmented societies**"

- (Hoyningen-Huene, 2016)

USAGE OF THE COAST.

THE PLACE FOR INTERACTION IN BEIRUT

Beirut Central District

Port of Beirut

Bourj Hammoud landfill

Jdeideh landfill

Densely built

Private beaches/ resorts

Polluted public beach

Inefficient port, truck parking nuisance.

Polluted but empty land at the waterfront

dominated by cars



RESEARCH QUESTION

How can **waterfront leisure facilities**, in the development of the Bourj Hammoud waterfront, **contribute to the interaction** between different communities in Beirut?

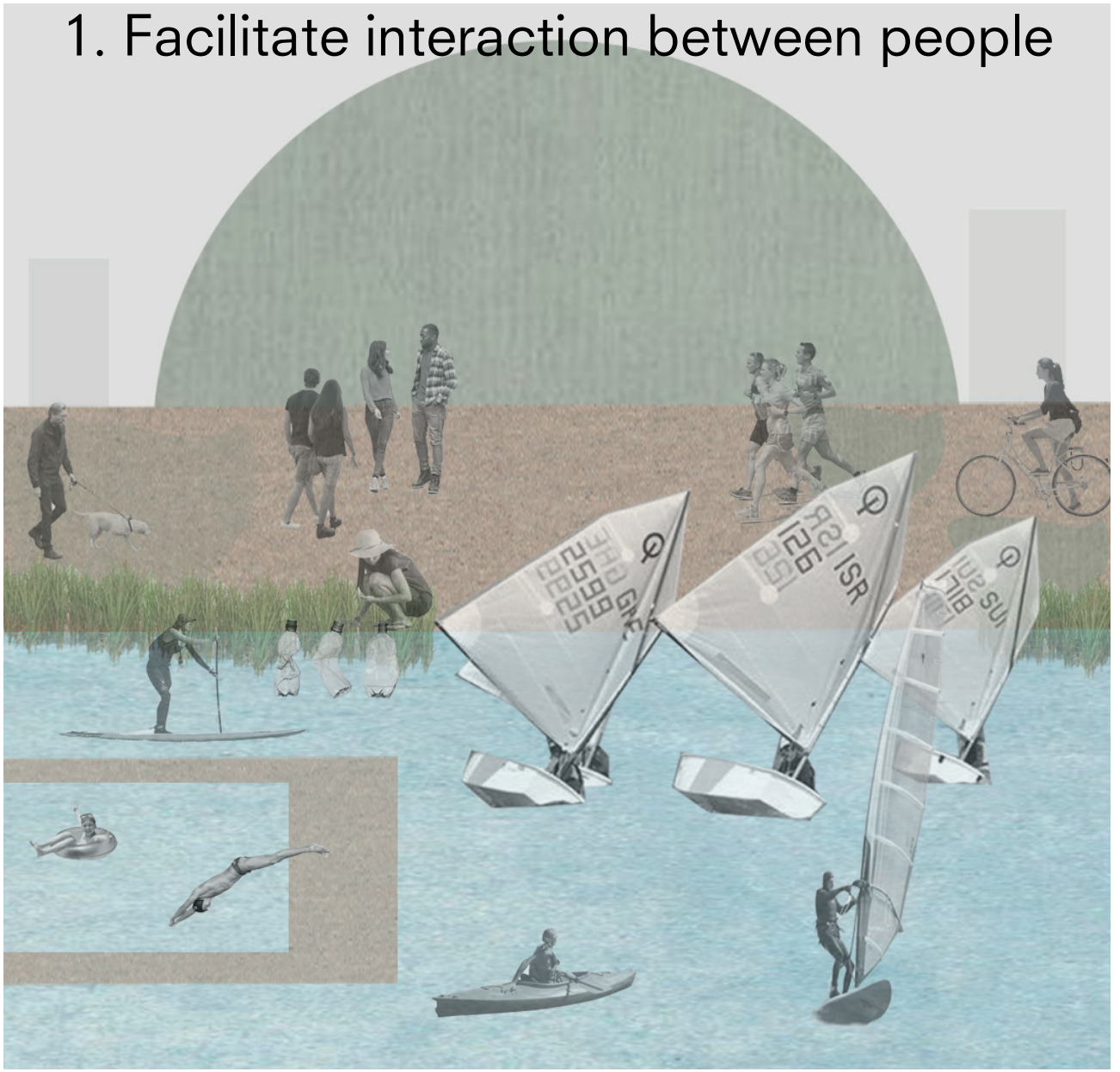
PROJECT AMBITIONS



Project ambitions

INTERACTION

1. Facilitate interaction between people



PUBLIC COAST

2.Give back the coast to the public



PUBLIC COAST

2.Give back the coast to the public



Project ambitions

WATER & CITY

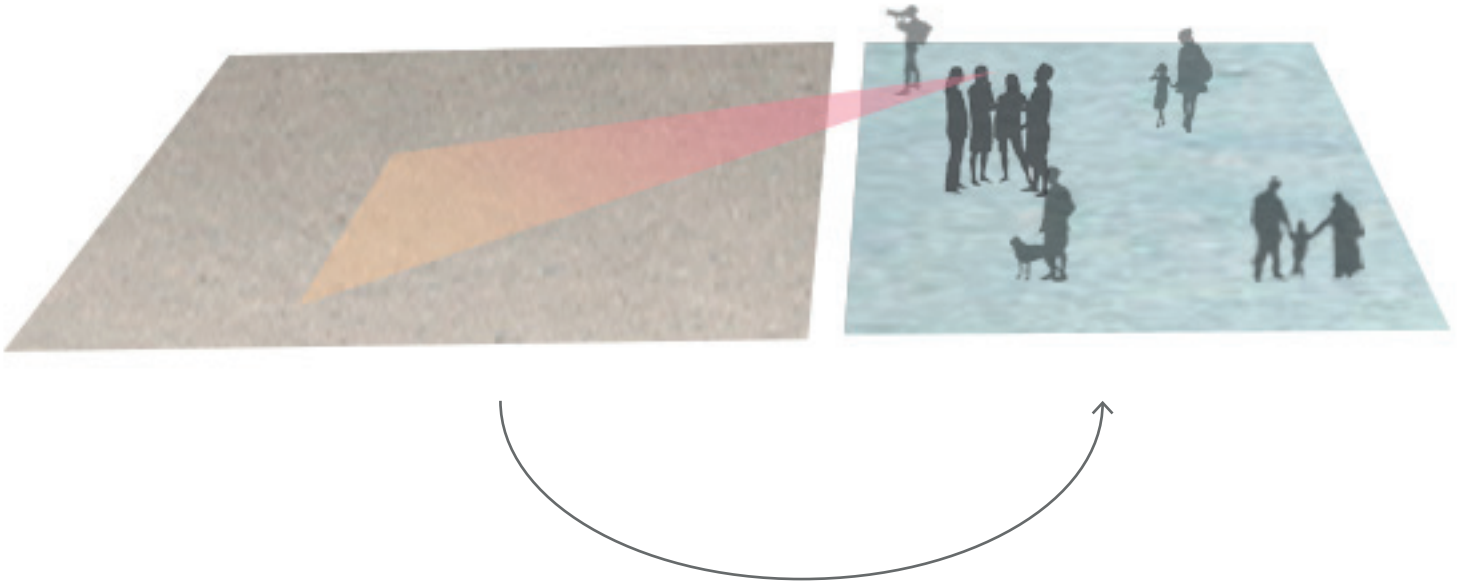
3. Improve the link between water and city



Project ambitions

WATER & CITY

3. Improve the link between water and city



Move user on water

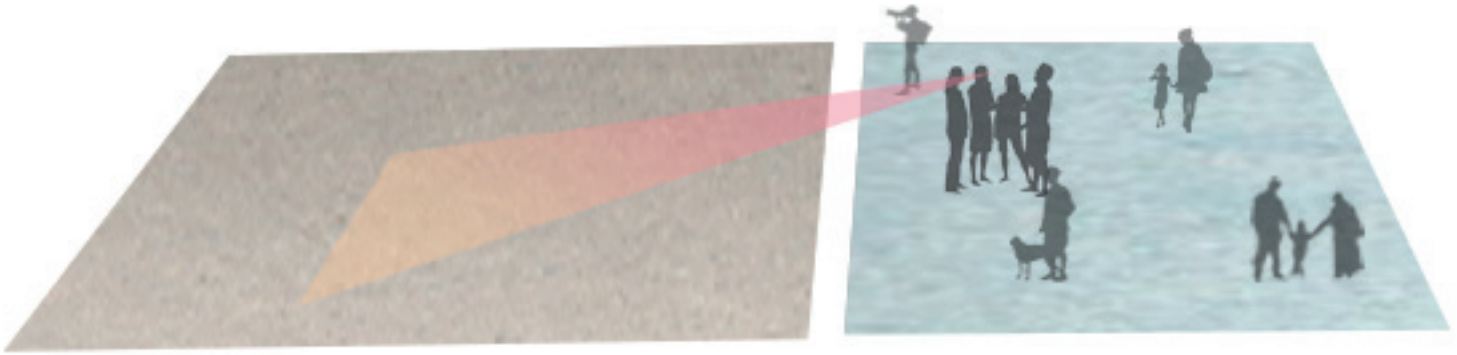
Project ambitions

WATER & CITY

4. Improve awareness water pollution

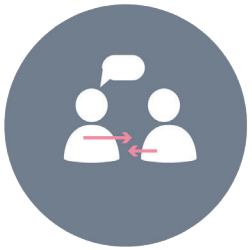
Climate awareness

Active interaction



Move user on water

PROJECT AMBITIONS



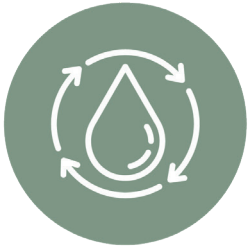
1. Facilitate **interaction**



2. Give back the **coast** to the **public**



3. Improve link between **water & city**



4. Climate awareness

EFFECTS OF CLIMATE CHANGE



UN SUSTAINABLE DEVELOPMENT GOALS



UN SUSTAINABLE DEVELOPMENT GOALS



1. Facilitate **interaction**



2. Give back the **coast** to the **public**

3. Improve link between water & city



4. Climate awareness













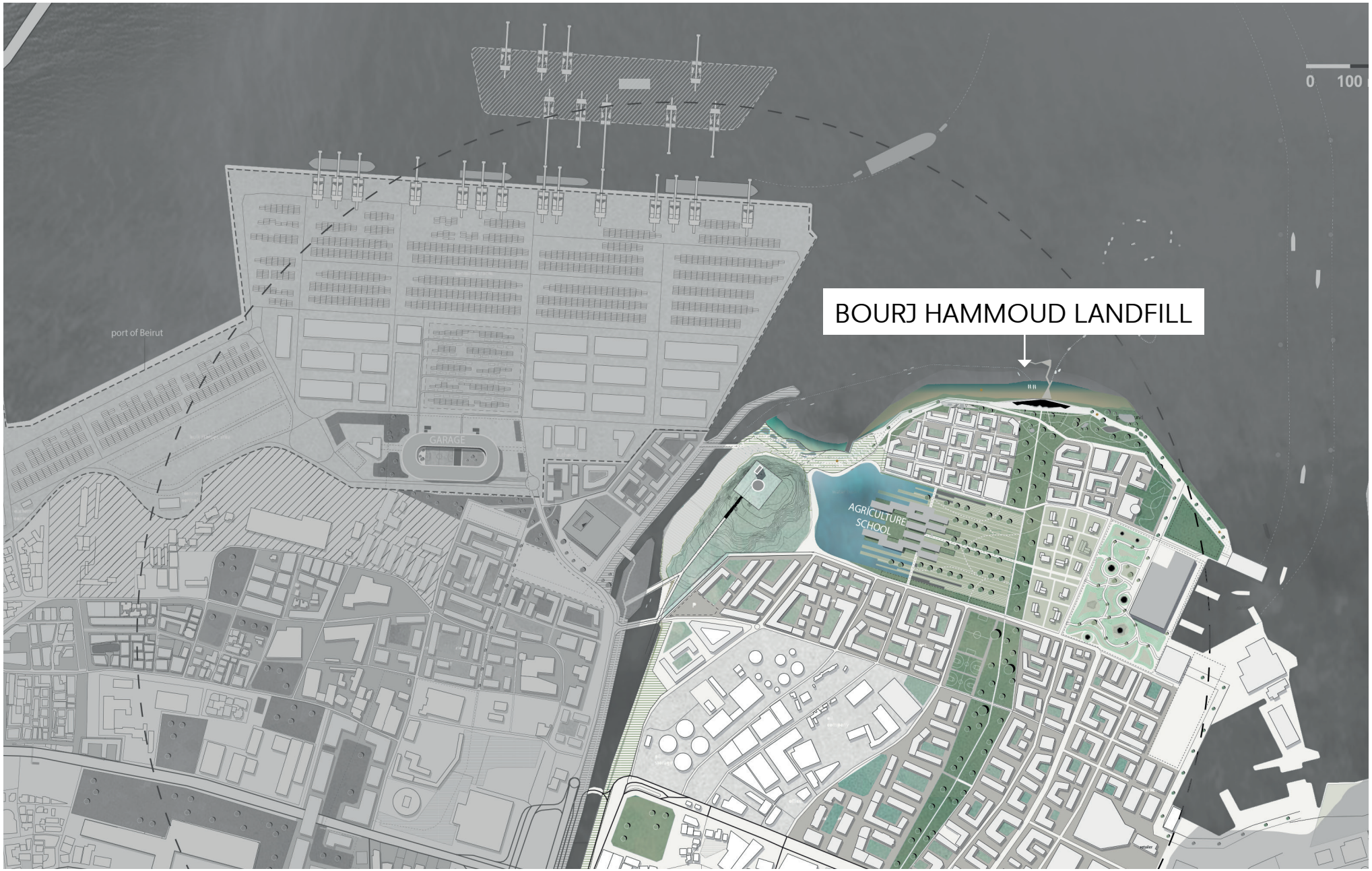
Location

WATERFRONT



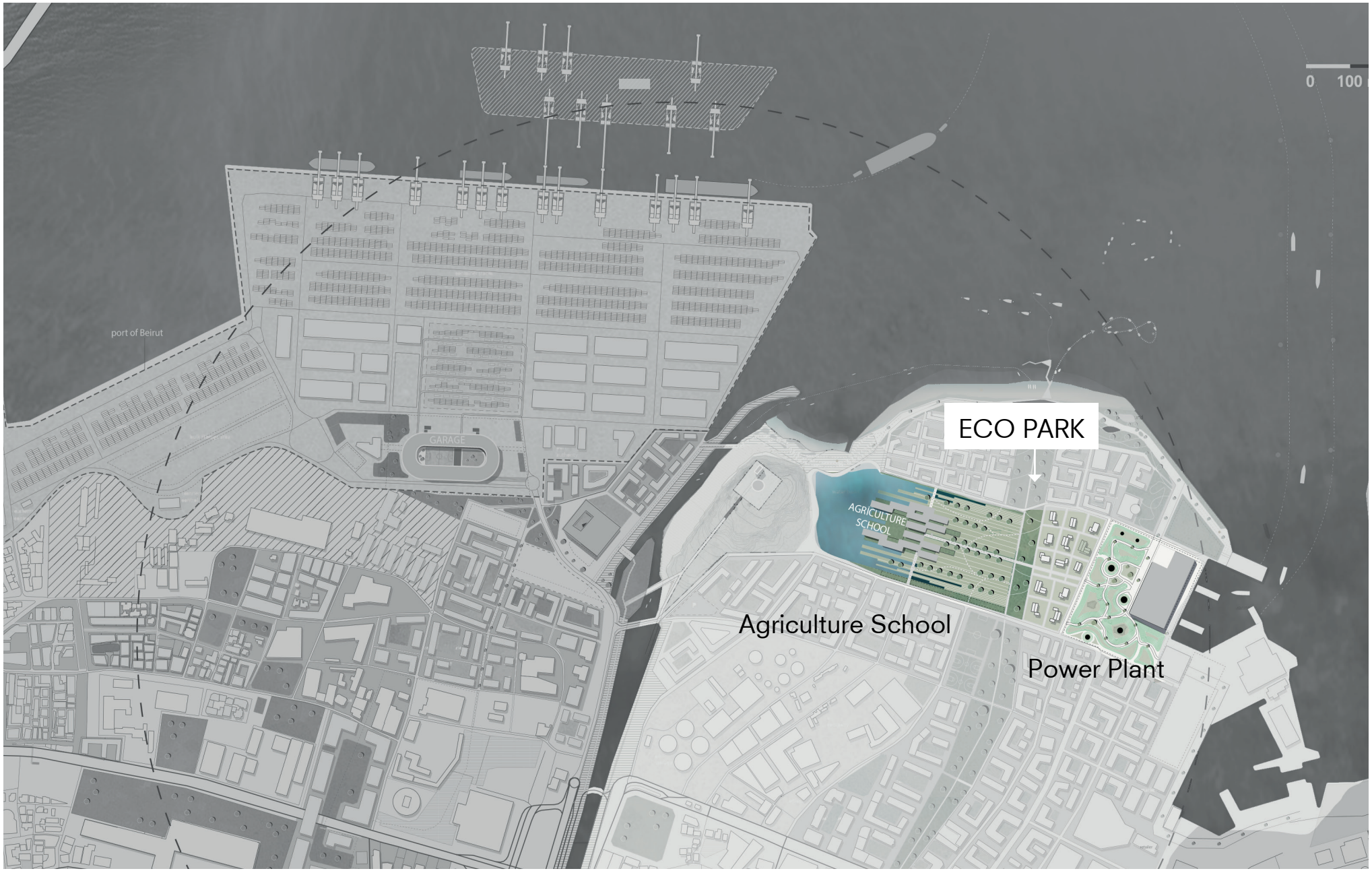
Location

LANDFILL



Location

ECO PARK



Location

ECO PARK

Trash dump



Location

ECO PARK



Location

ECO PARK



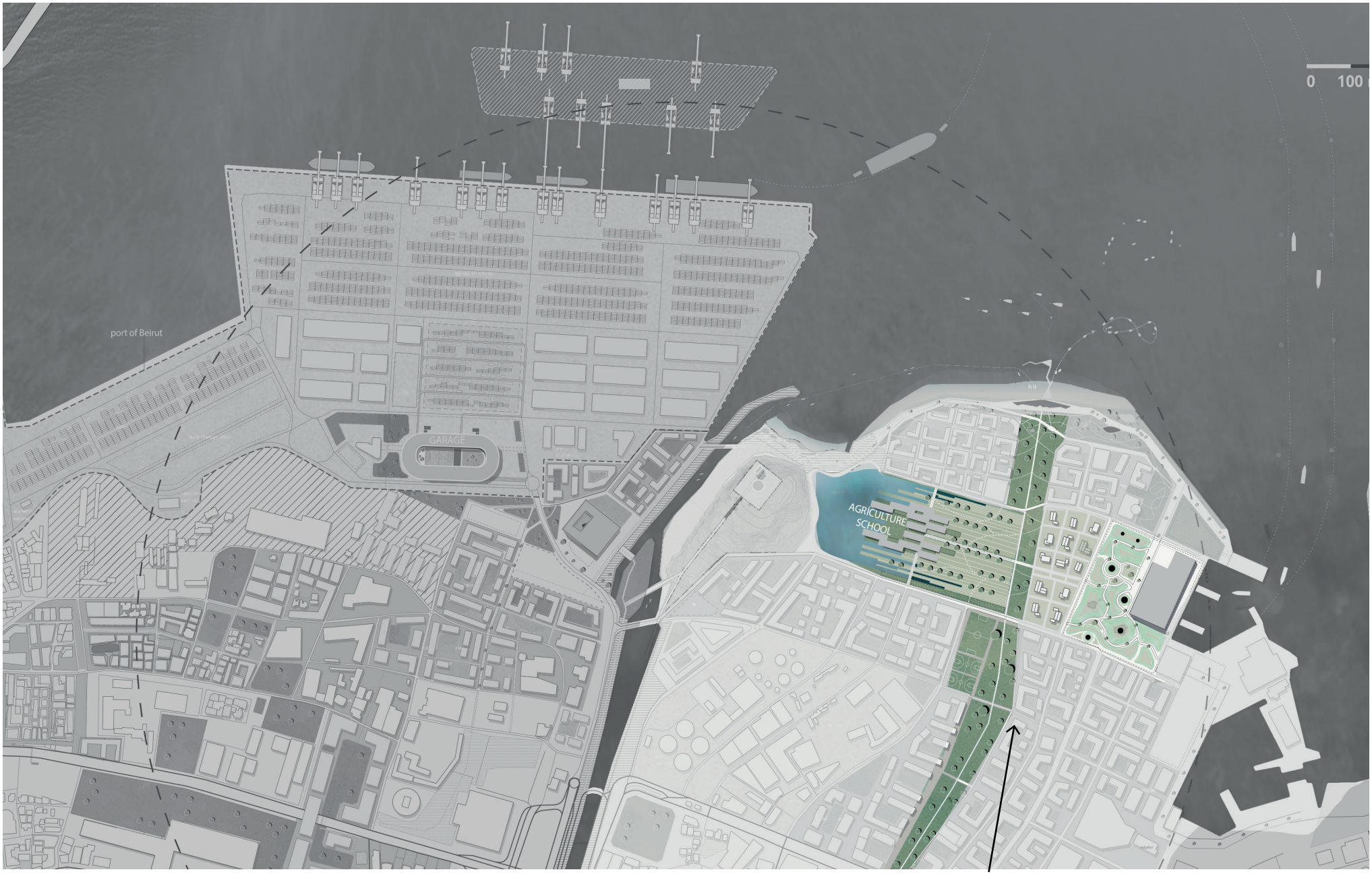
ECO PARK

Give back the coast to the public



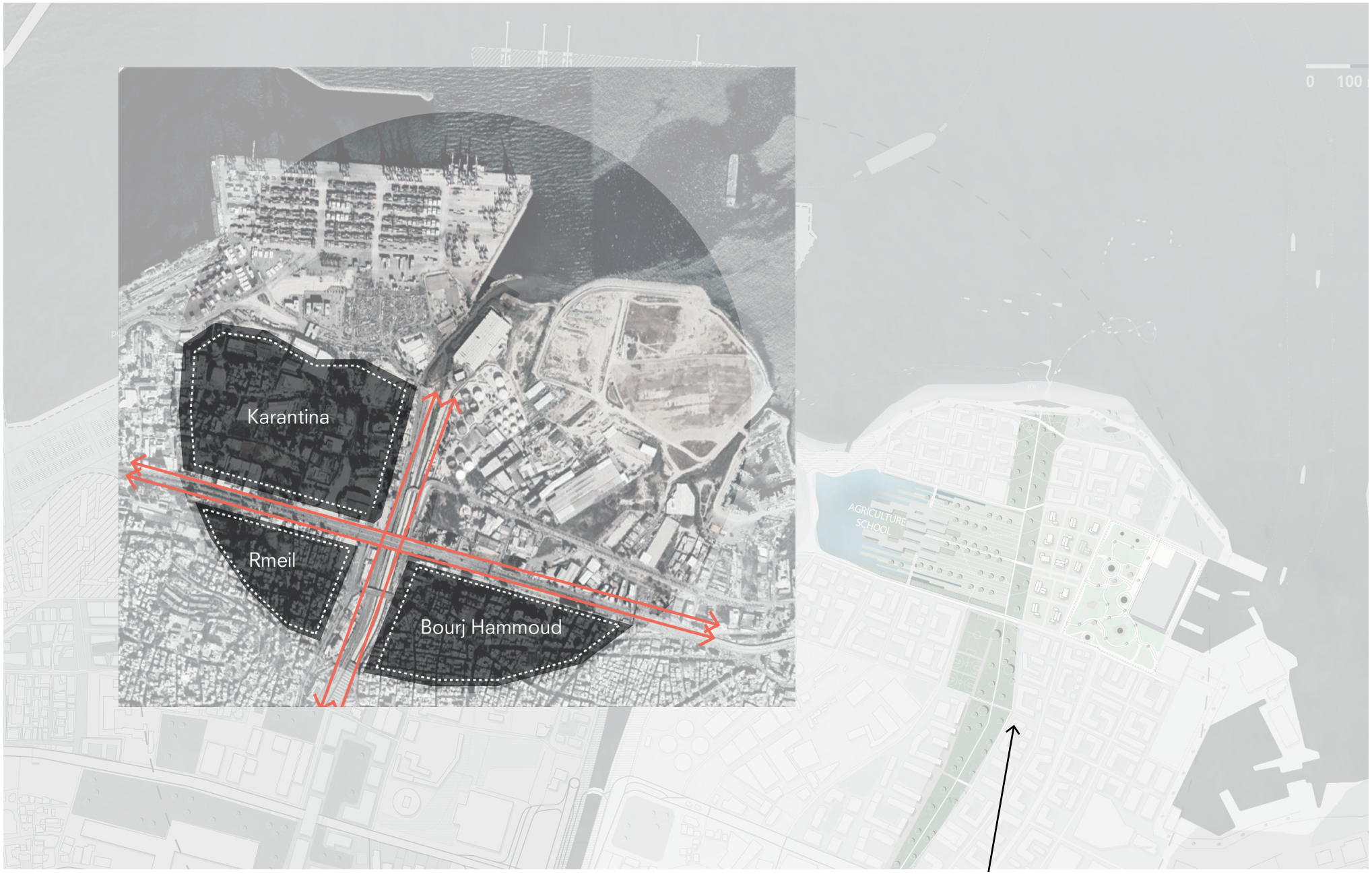
Location

GREEN SPINE



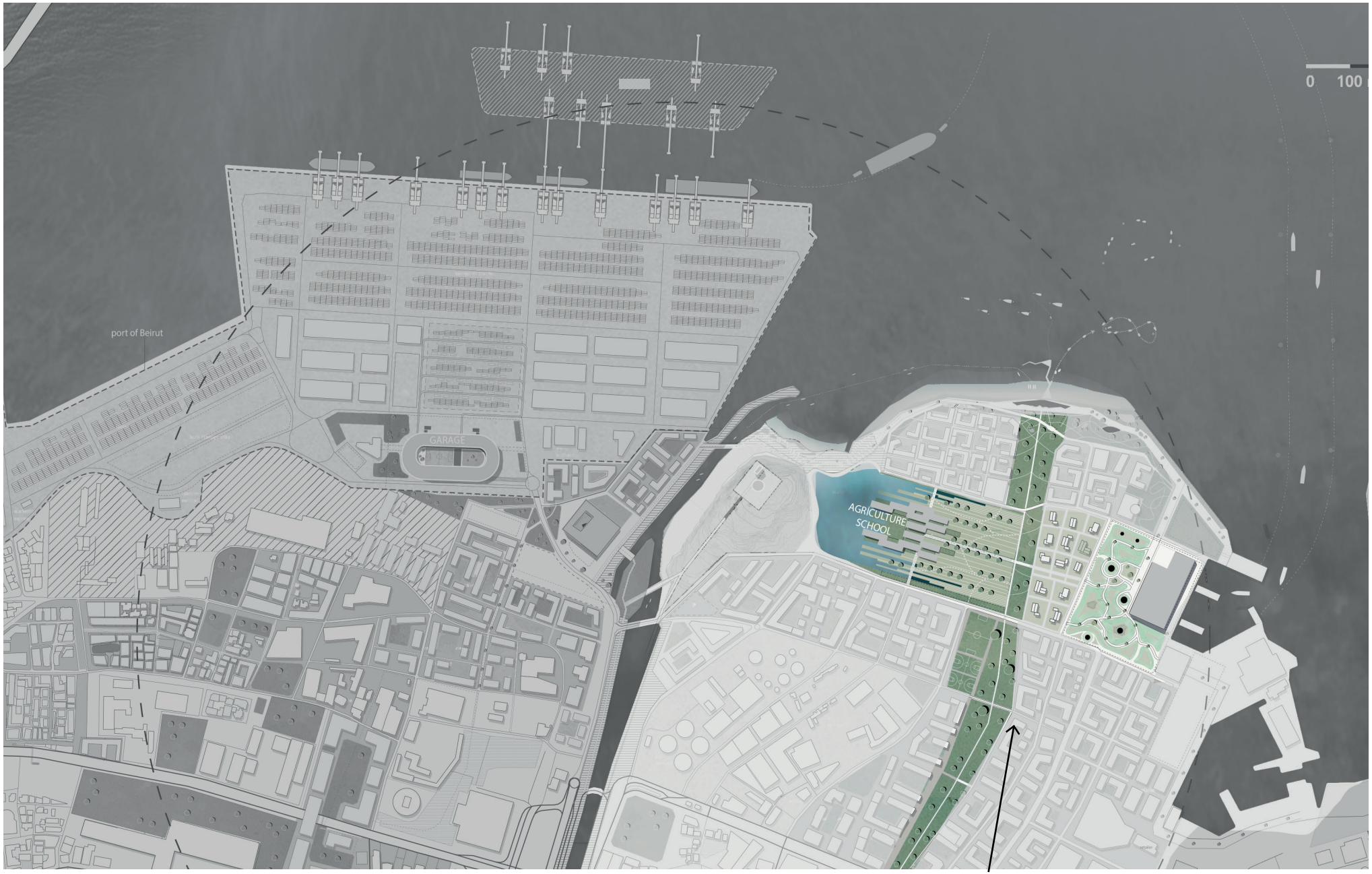
Location

GREEN SPINE



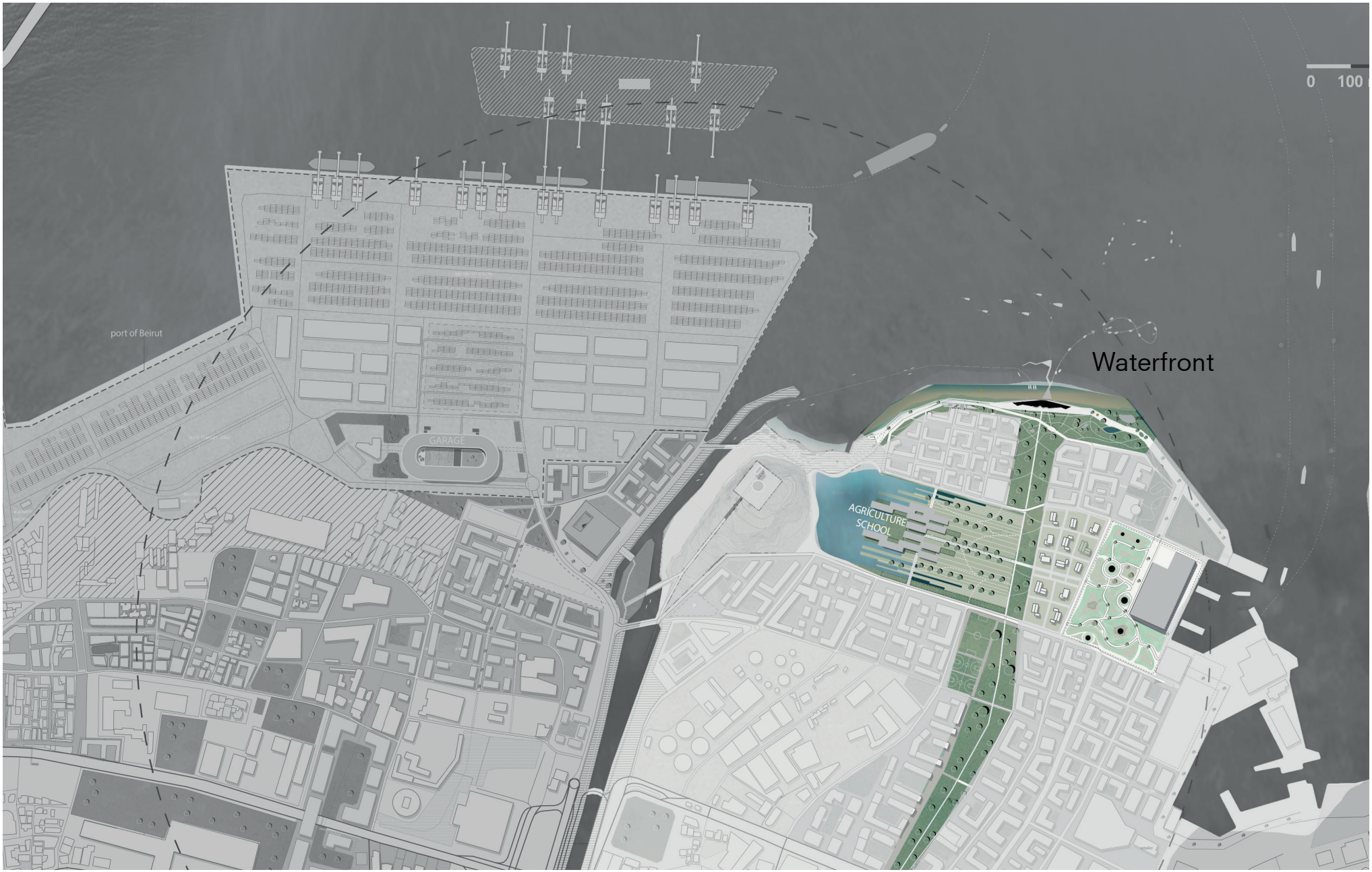
Location

GREEN SPINE



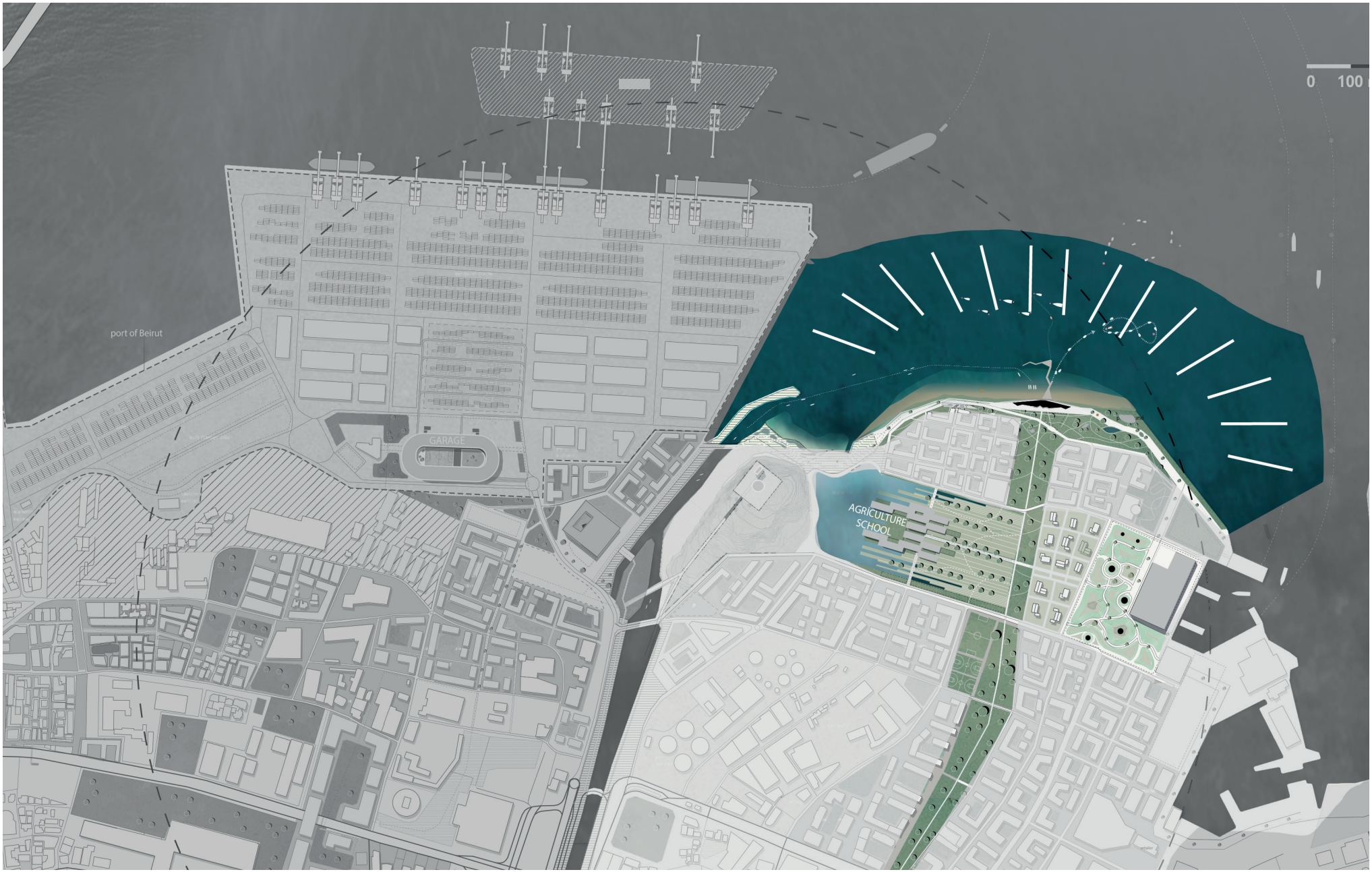
Location

WATERFRONT



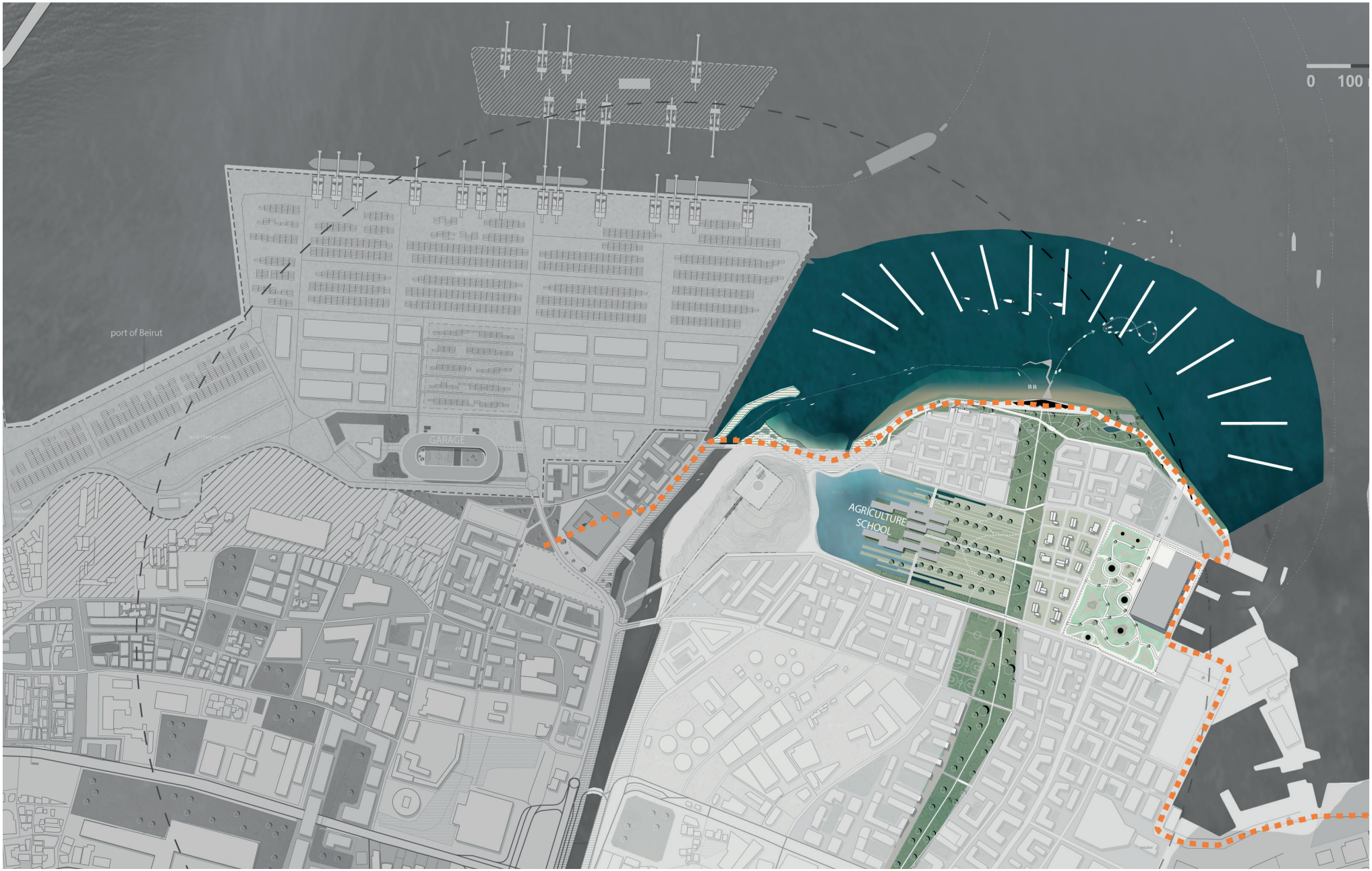
Location

BOOST



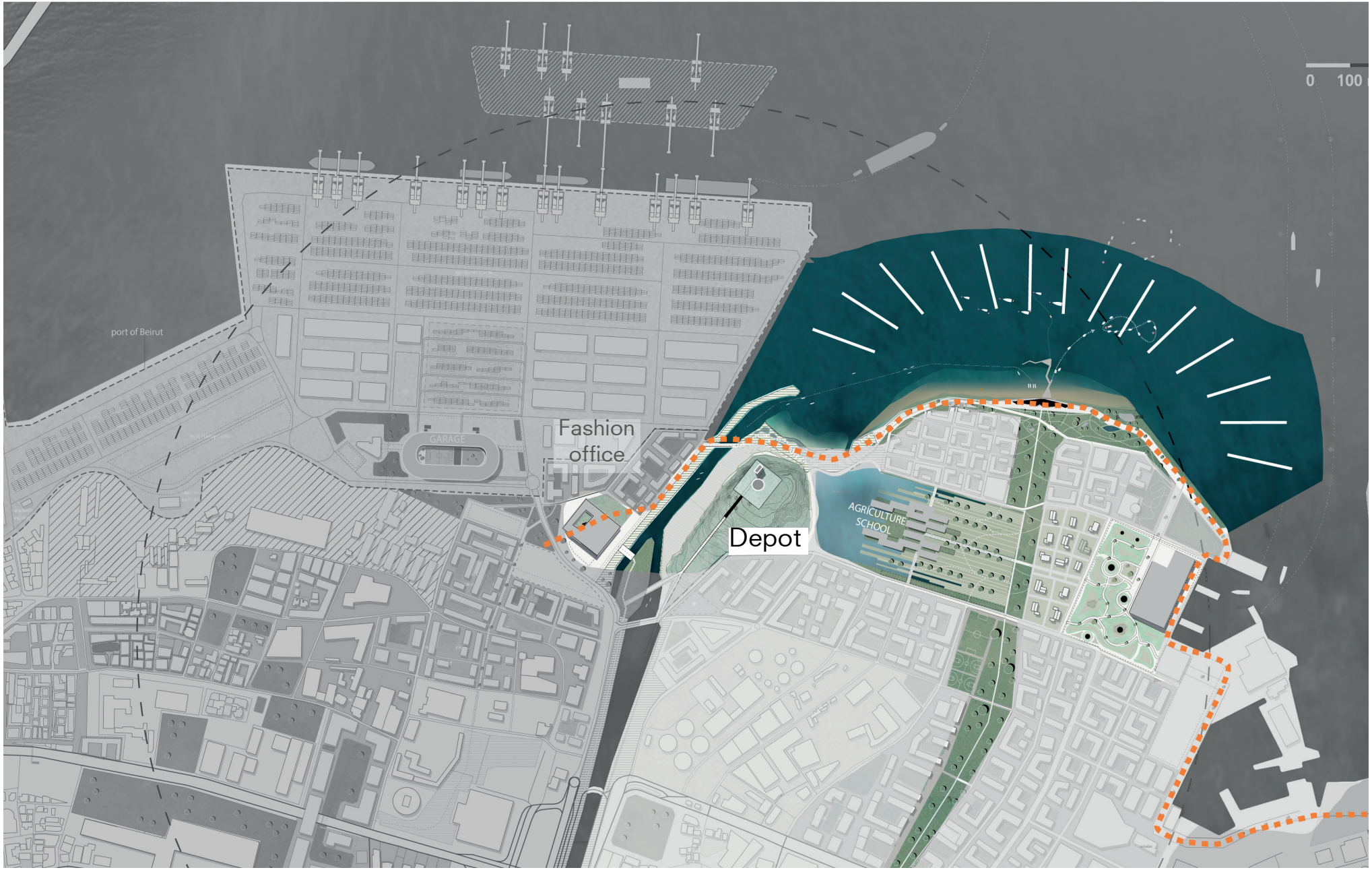
Location

PROMONADE



Location

ESTURARY



PROGRAM

Program

SAILING CLUB

project ambitions



watersport centre







35% 2.540 m² sailing club

7.220 m²

- storage | 780 m²
- clubhouse | 510 m²
- outdoor | 830 m²
- restaurant | 420 m²

Program

SAILING CLUB

project ambitions



watersport centre

7.220 m²

35%

2.540 m²

sailing club

- storage | 780 m²
- clubhouse | 510 m²
- outdoor | 830 m²
- restaurant | 420 m²

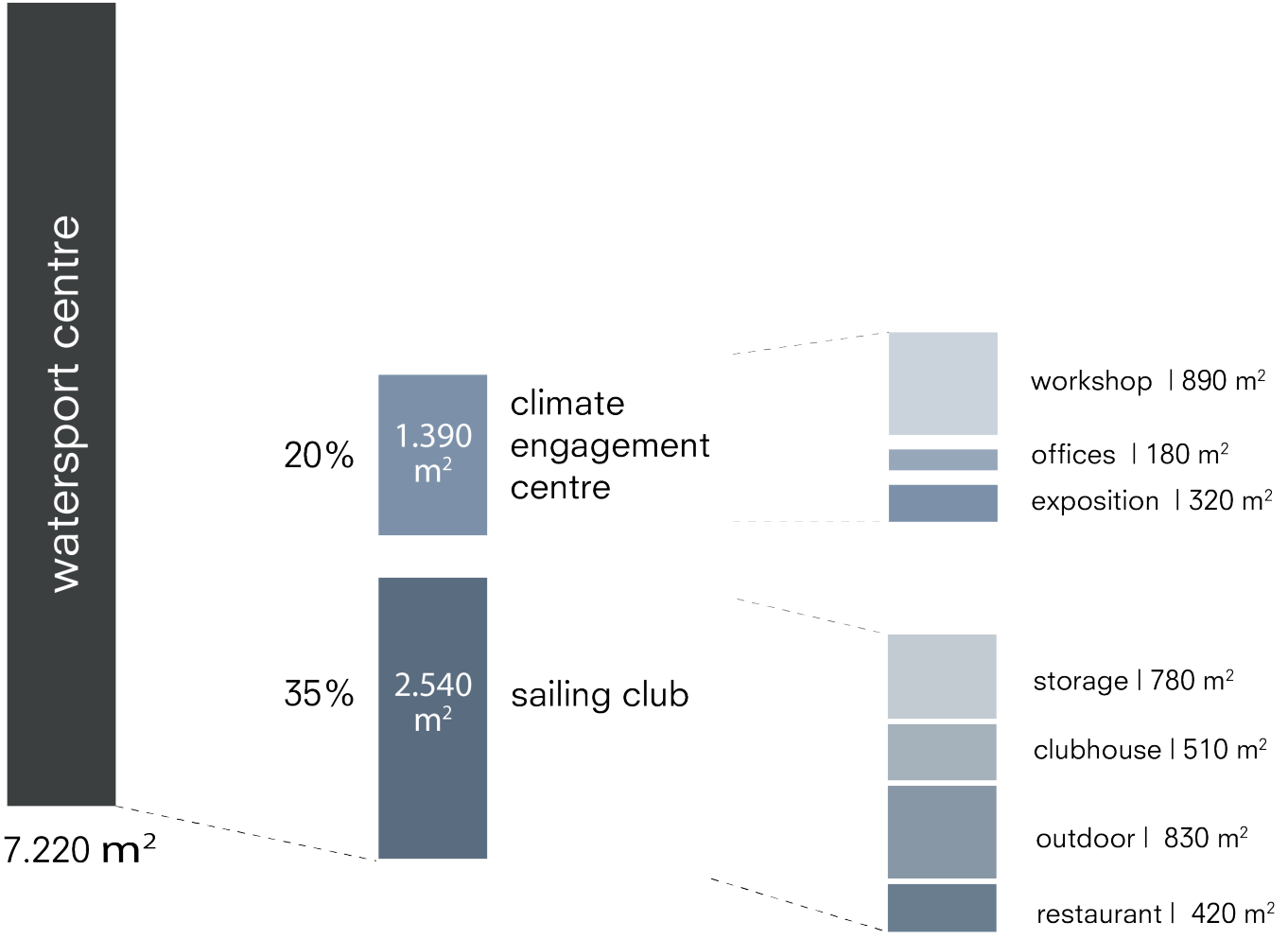
CLIMATE ENGAGEMENT CENTRE



CLIMATE ENGAGEMENT CENTRE

project ambitions



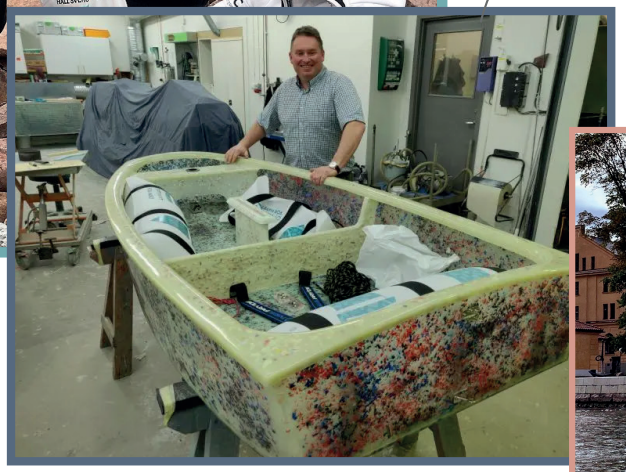


CLIMATE ENGAGEMENT CENTRE

project ambitions



1. collect



2. recycle



3. sail

EXPO

project
ambitions



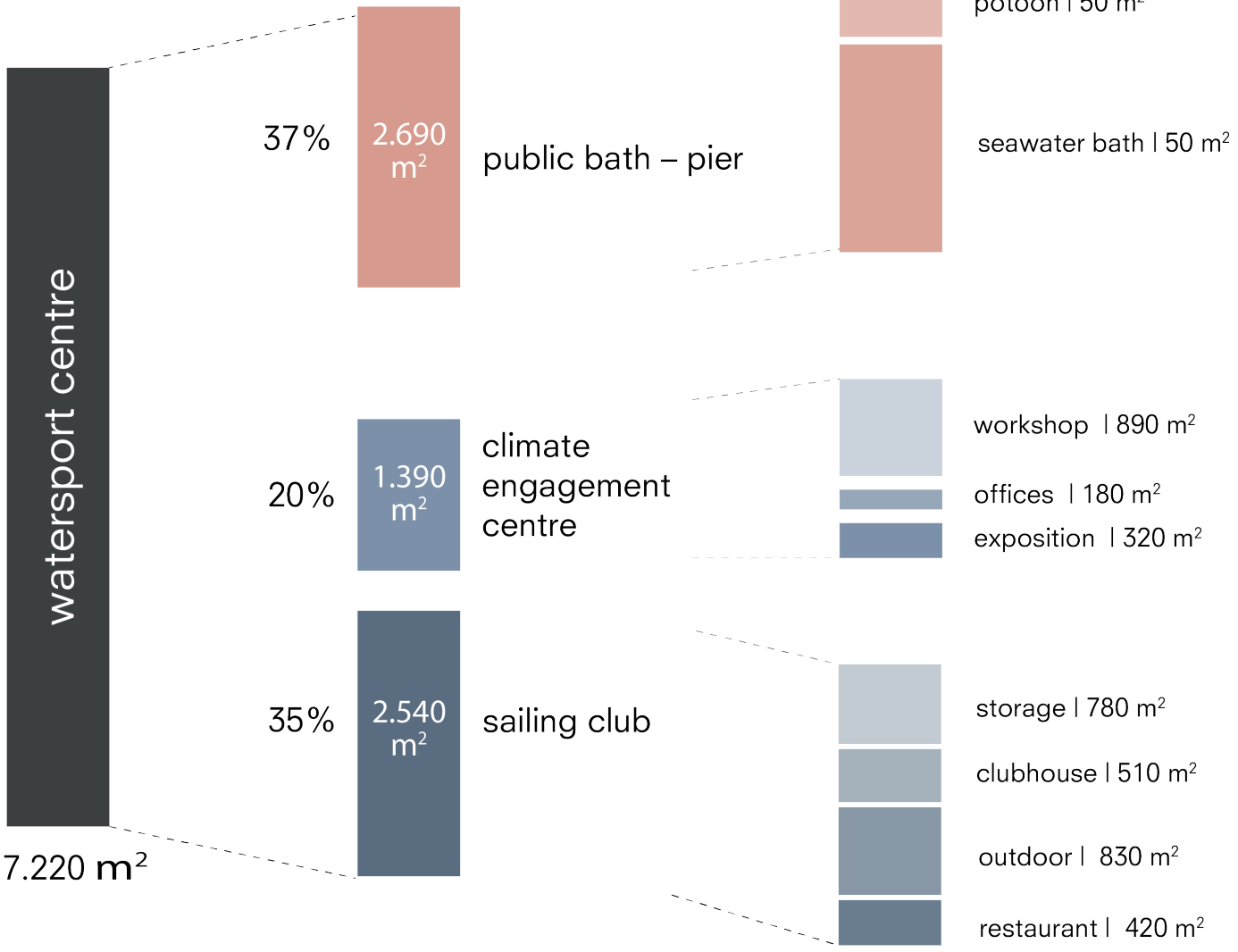


Program

PUBLIC BATH

project ambitions



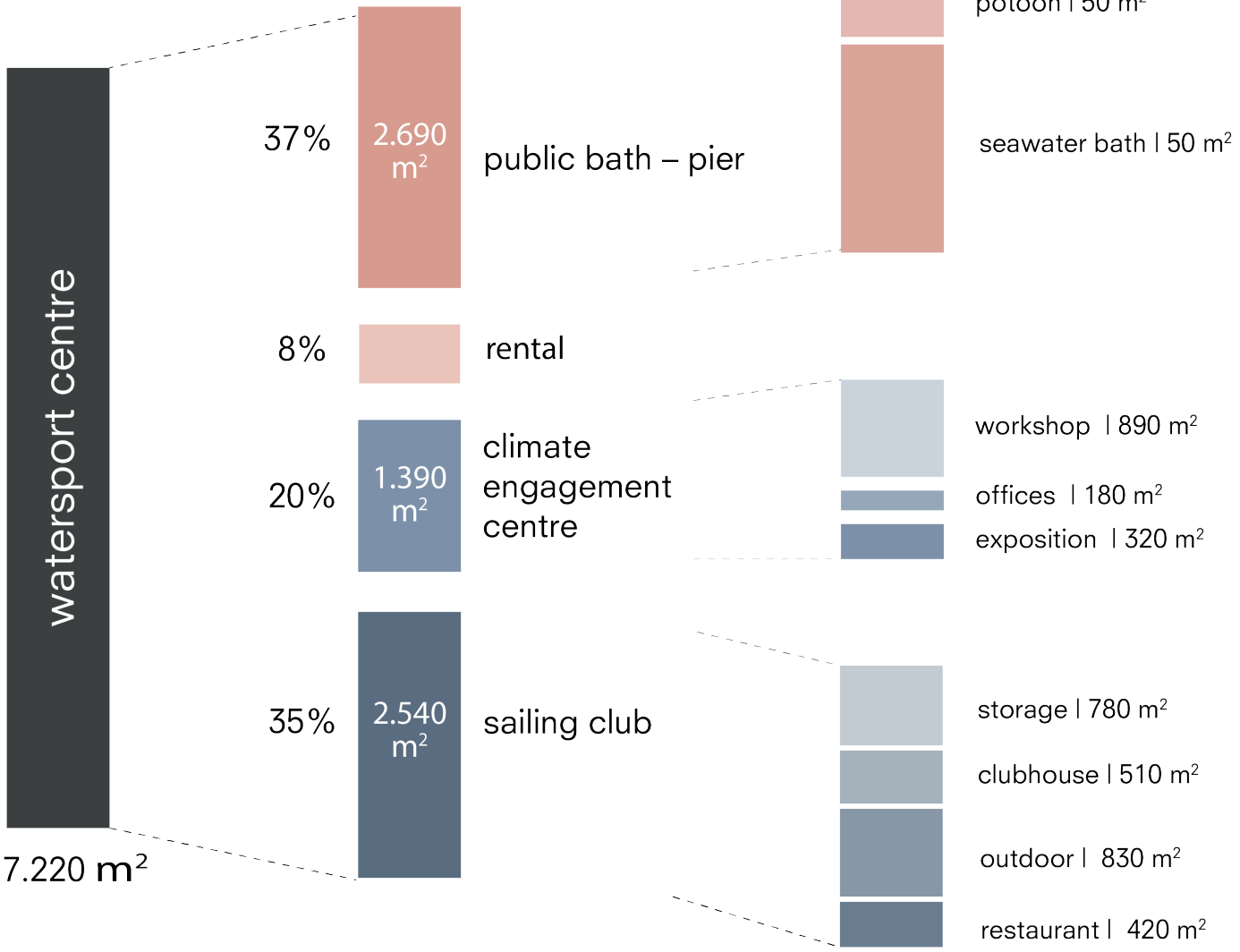


Program

RENTAL

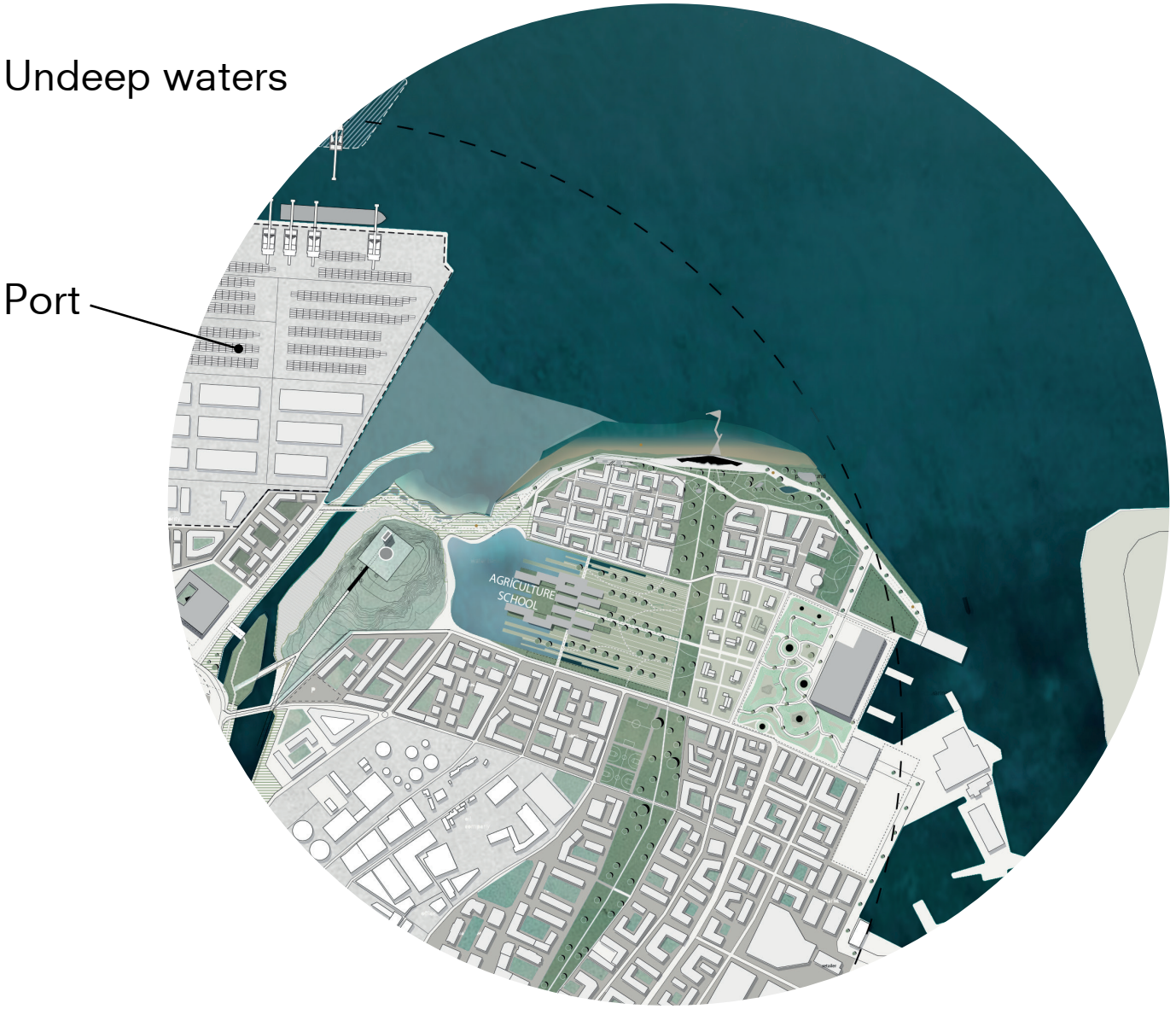
project ambitions



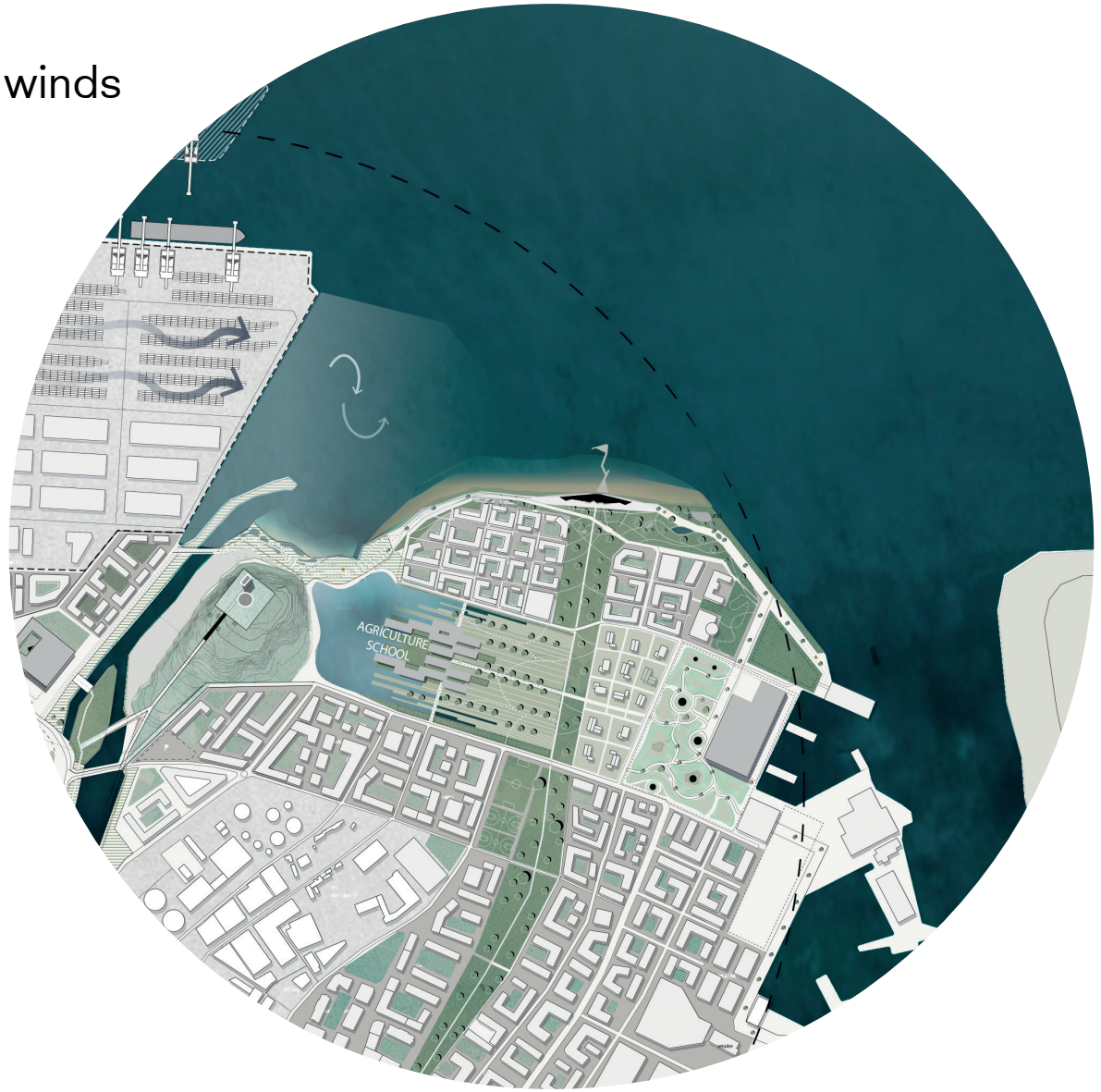


PLACEMENT

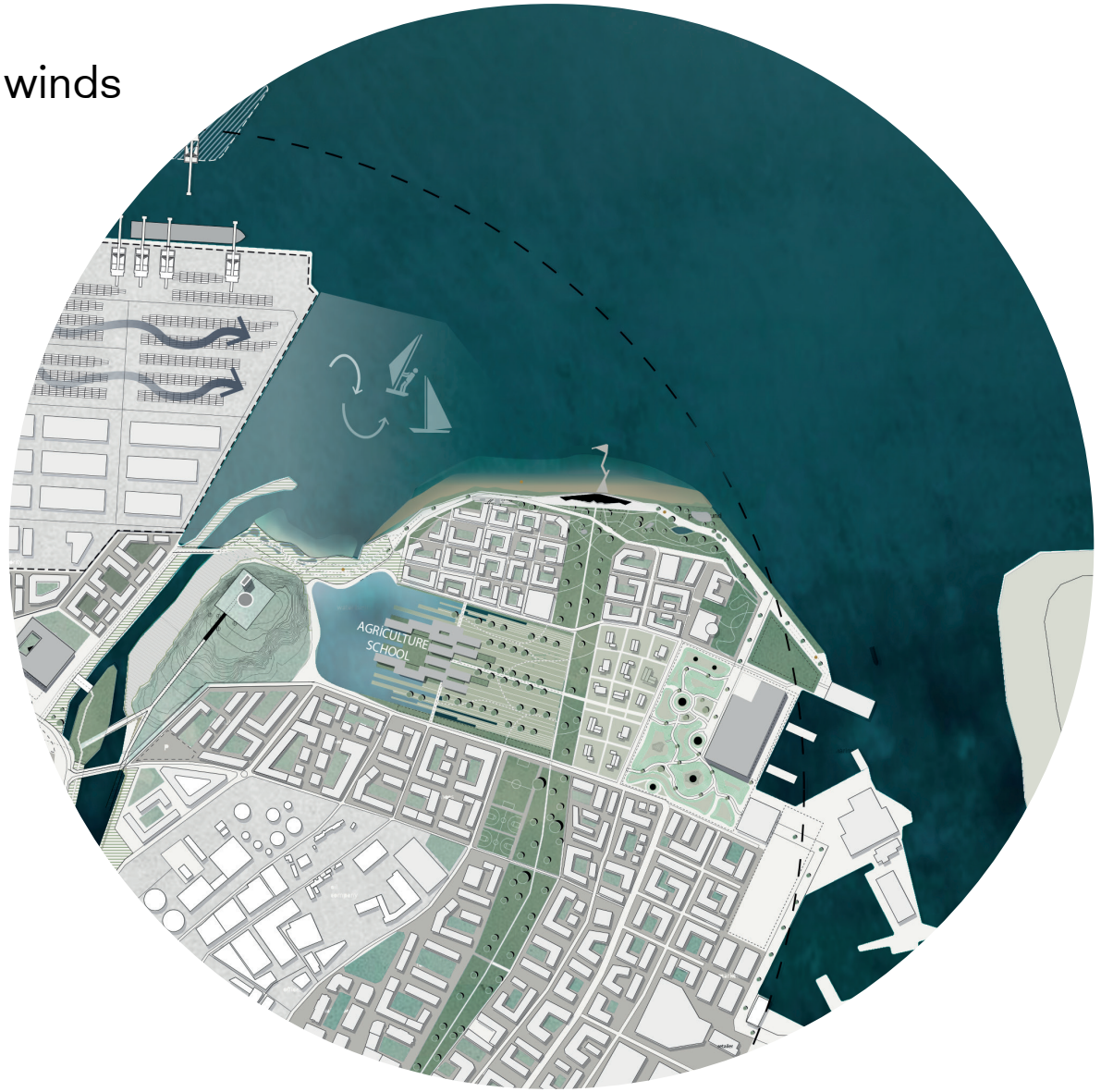
SURROUNDINGS AND CONDITIONS


Undeep waters
Port
AGRICULTURE SCHOOL

Instable winds



Instable winds



Other activities
kayak, SUP

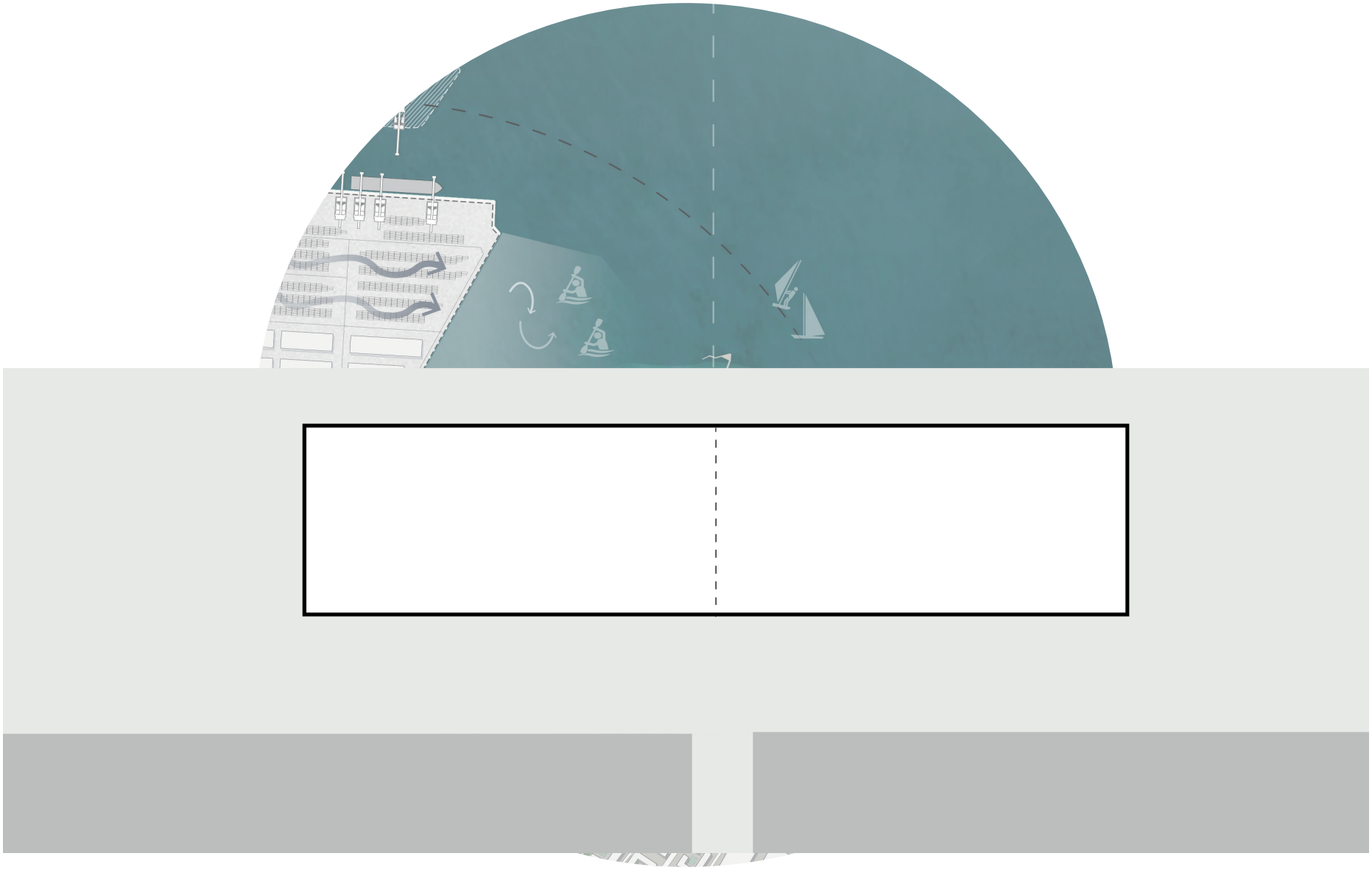


Division of functions



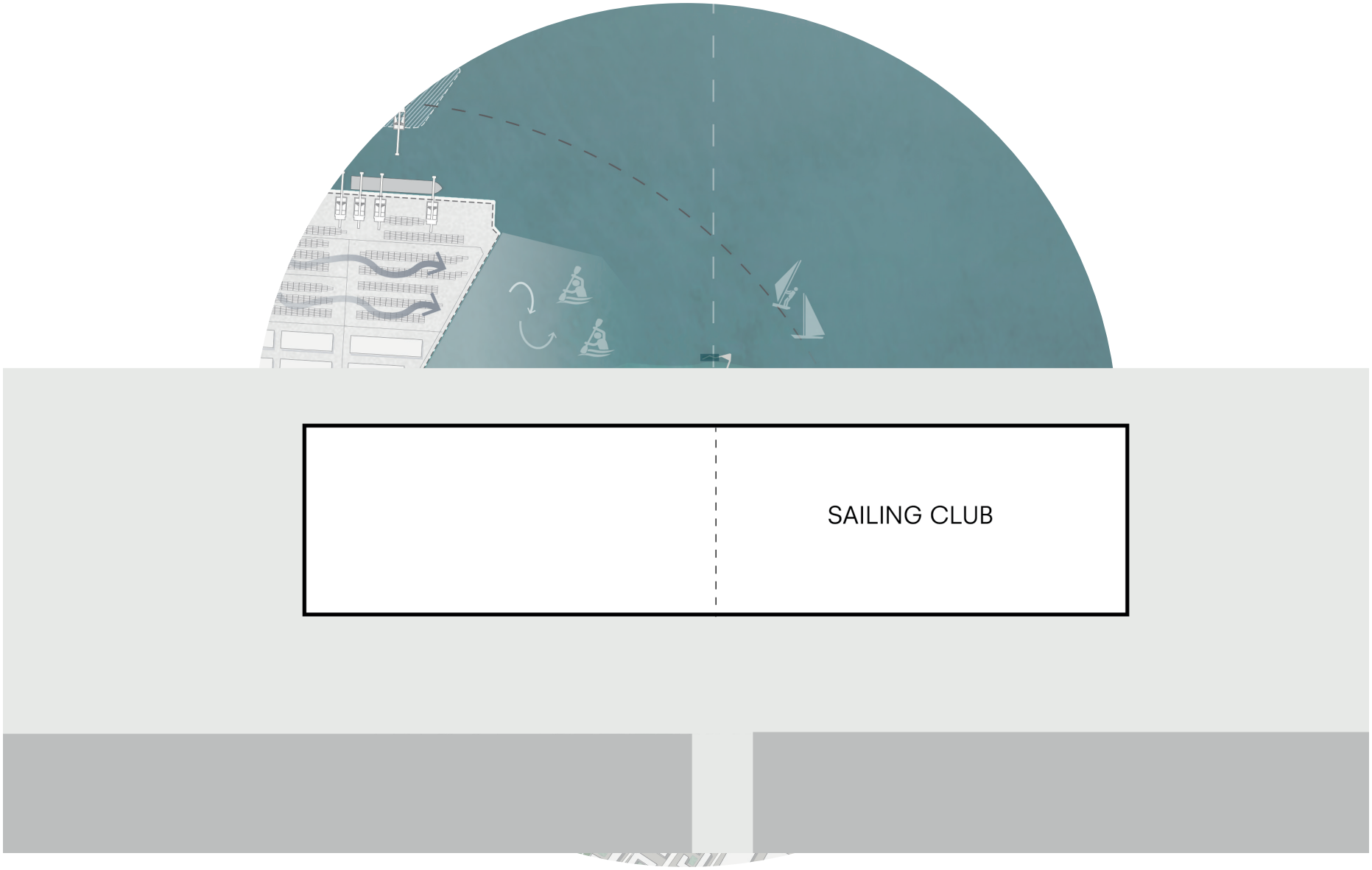
Floorplan

CONCEPT



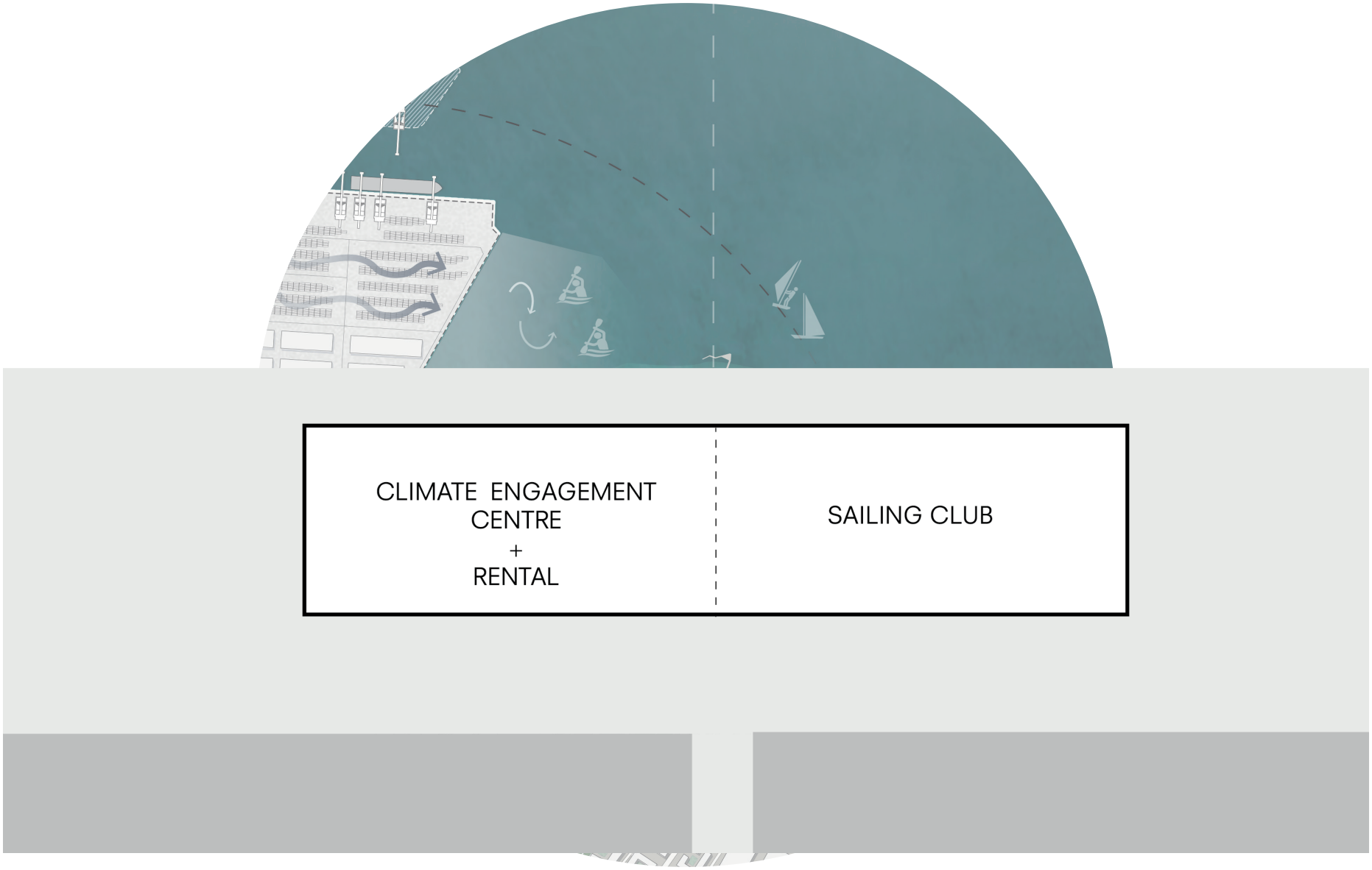
Floorplan

CONCEPT



Floorplan

CONCEPT



Floorplan

GREEN SPINE



Floorplan

CONCEPT

CLIMATE ENGAGEMENT CENTRE + RENTAL	SAILING CLUB



CONCEPT

CLIMATE ENGAGEMENT CENTRE + RENTAL

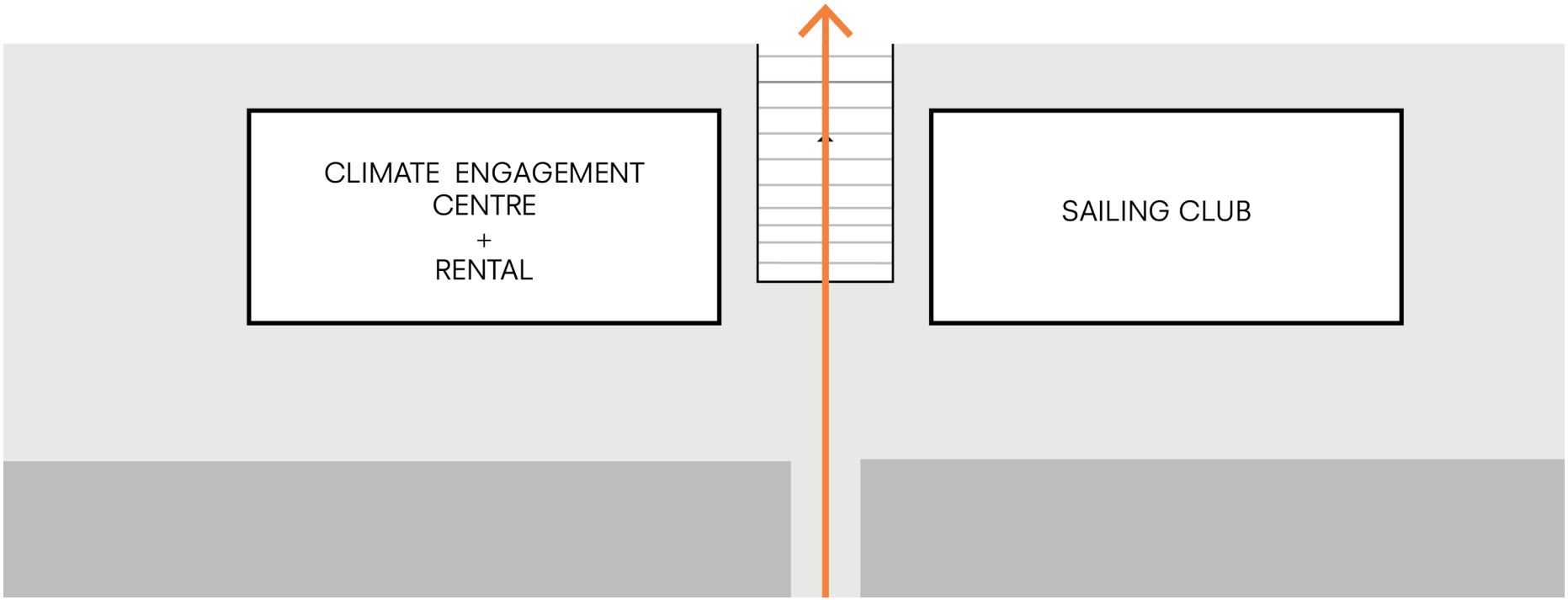
SAILING CLUB

open up



Floorplan

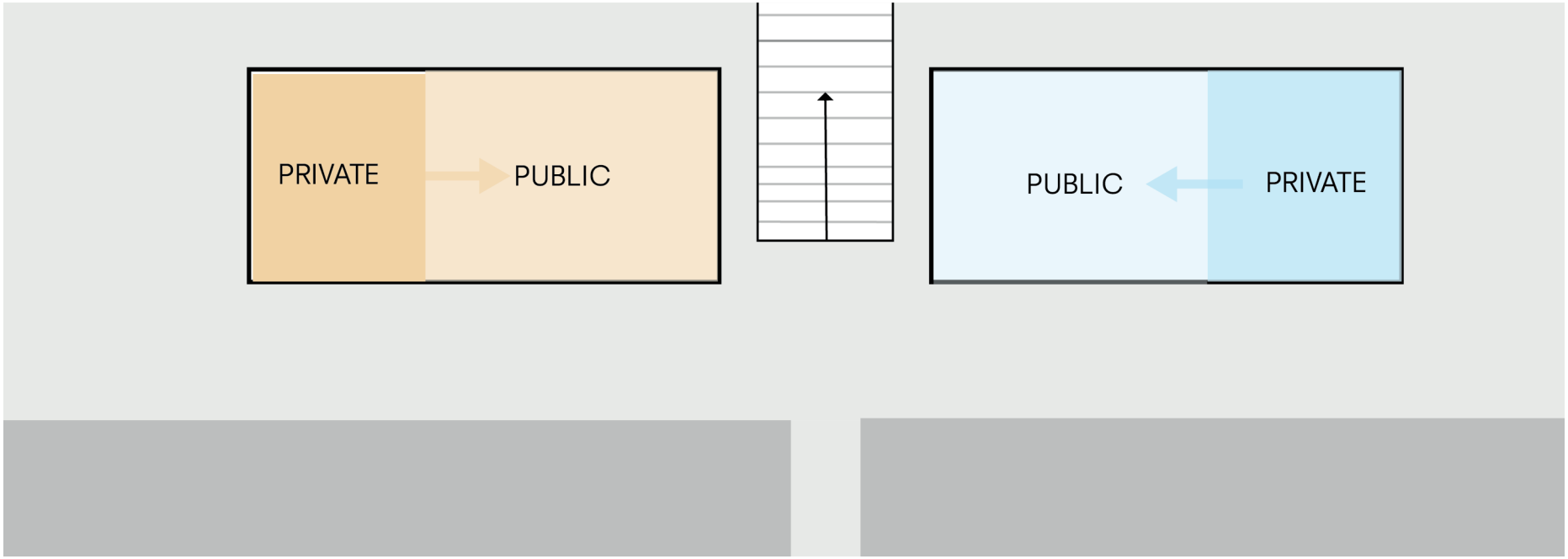
CONCEPT



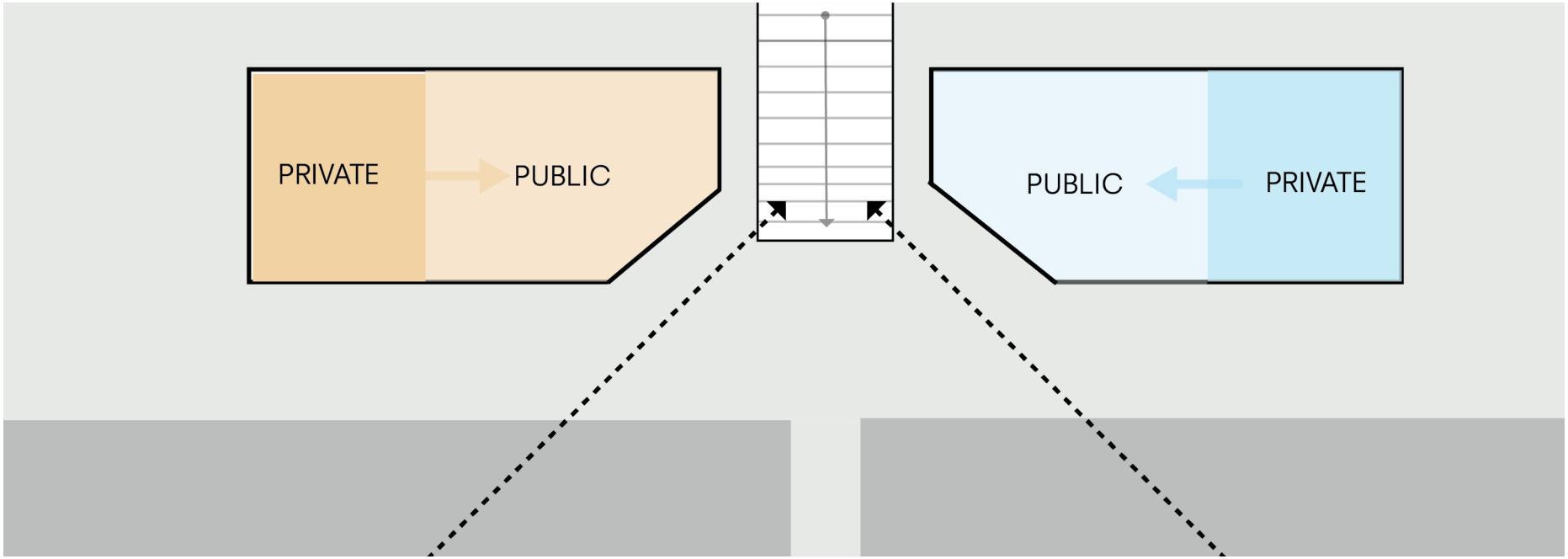
green spine to beach

Floorplan

CONCEPT



CONCEPT



Invites the people of Beirut into to the water.
Prolonging the green spine all the way to the sea.











Give back the coast
to the public



Traffic

Ferry

Seaweed
harvesting

Fishing harbour

Location sailing

DANGER



Location sailing

DANGER

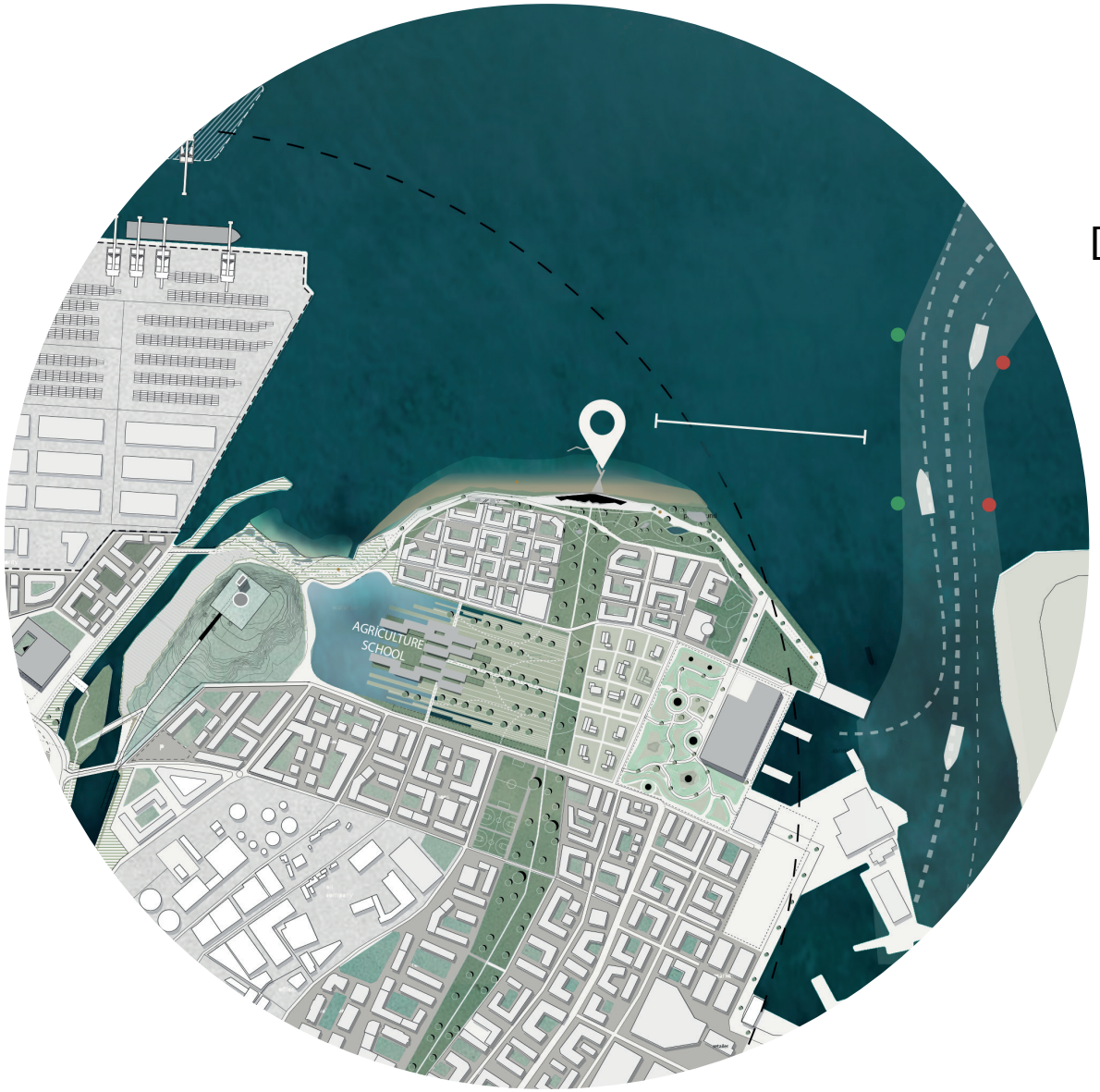


Give back the coast
to the public



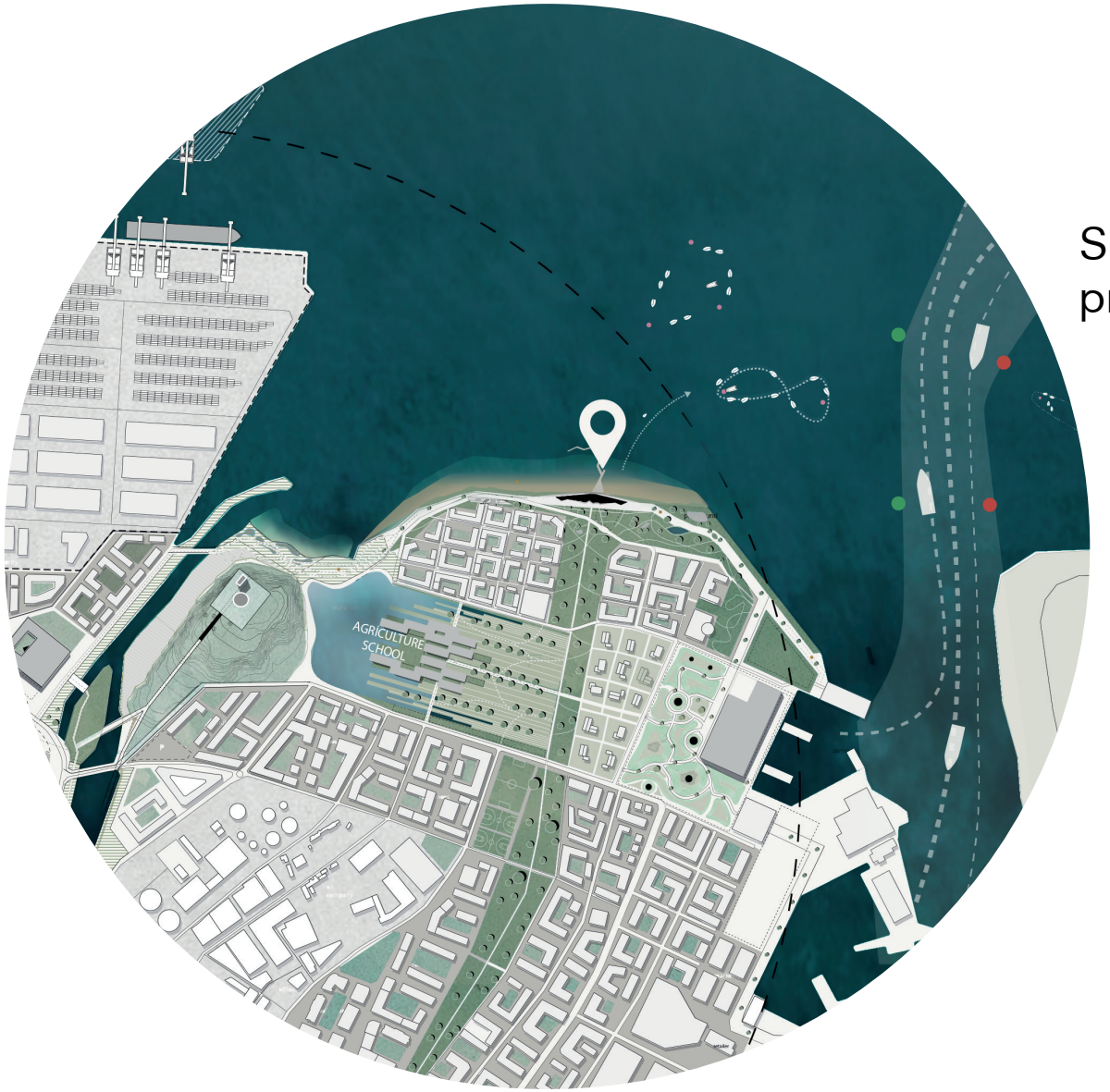
Waterway

Give back the coast
to the public



Distance

Give back the coast
to the public

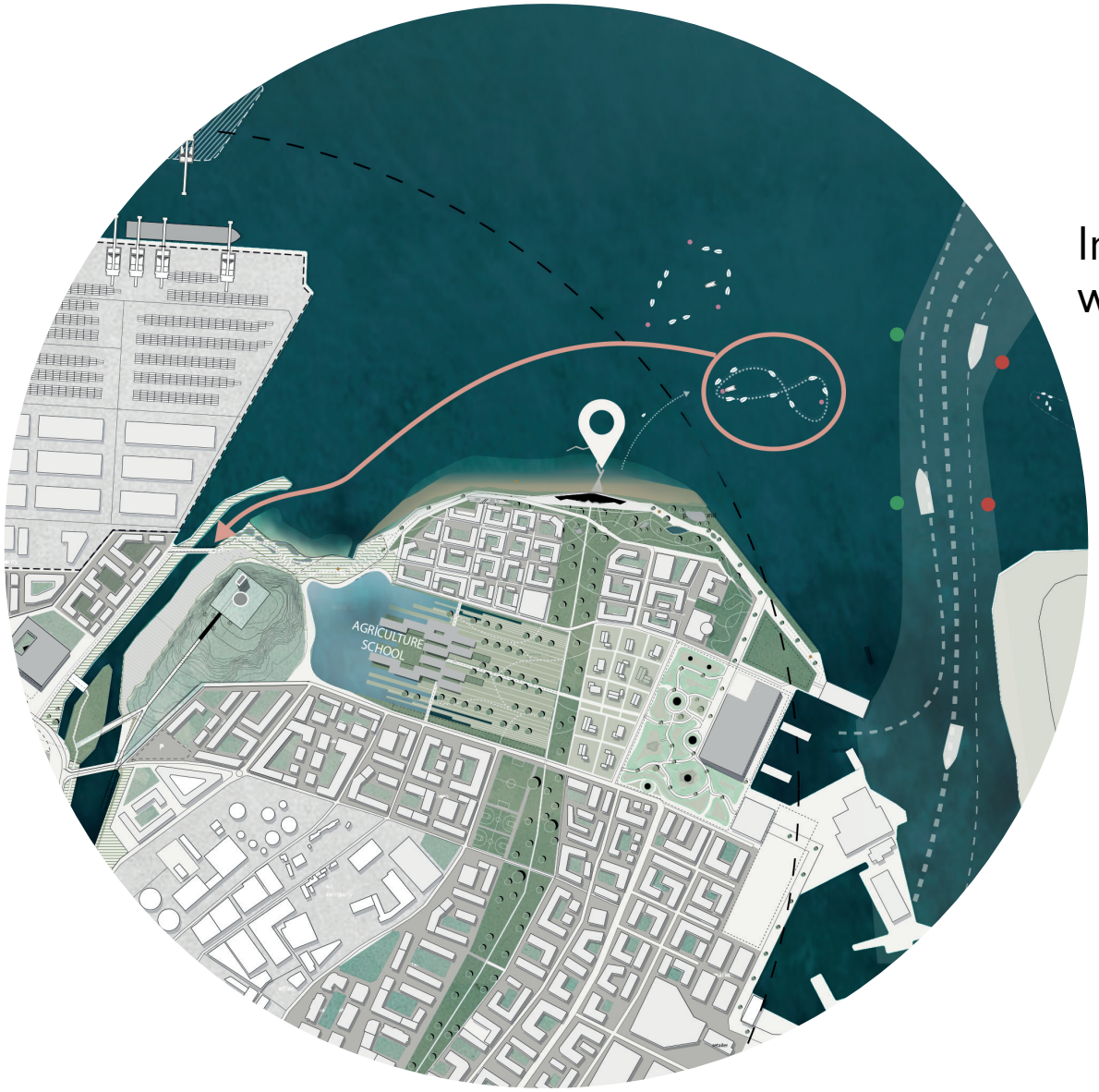


Safe & comfortable practice area

Give back the coast
to the public

Improve relation
water & city

Water sports
in to the city





Water & city

Culture & sport

https://m.facebook.com/MadGoats/posts/we-have-started-with-sup-and-kayak-rental-early-this-year-our-kayaks-are-at-in-f/2827487387363900/



Post Digital
Depot

Estuary

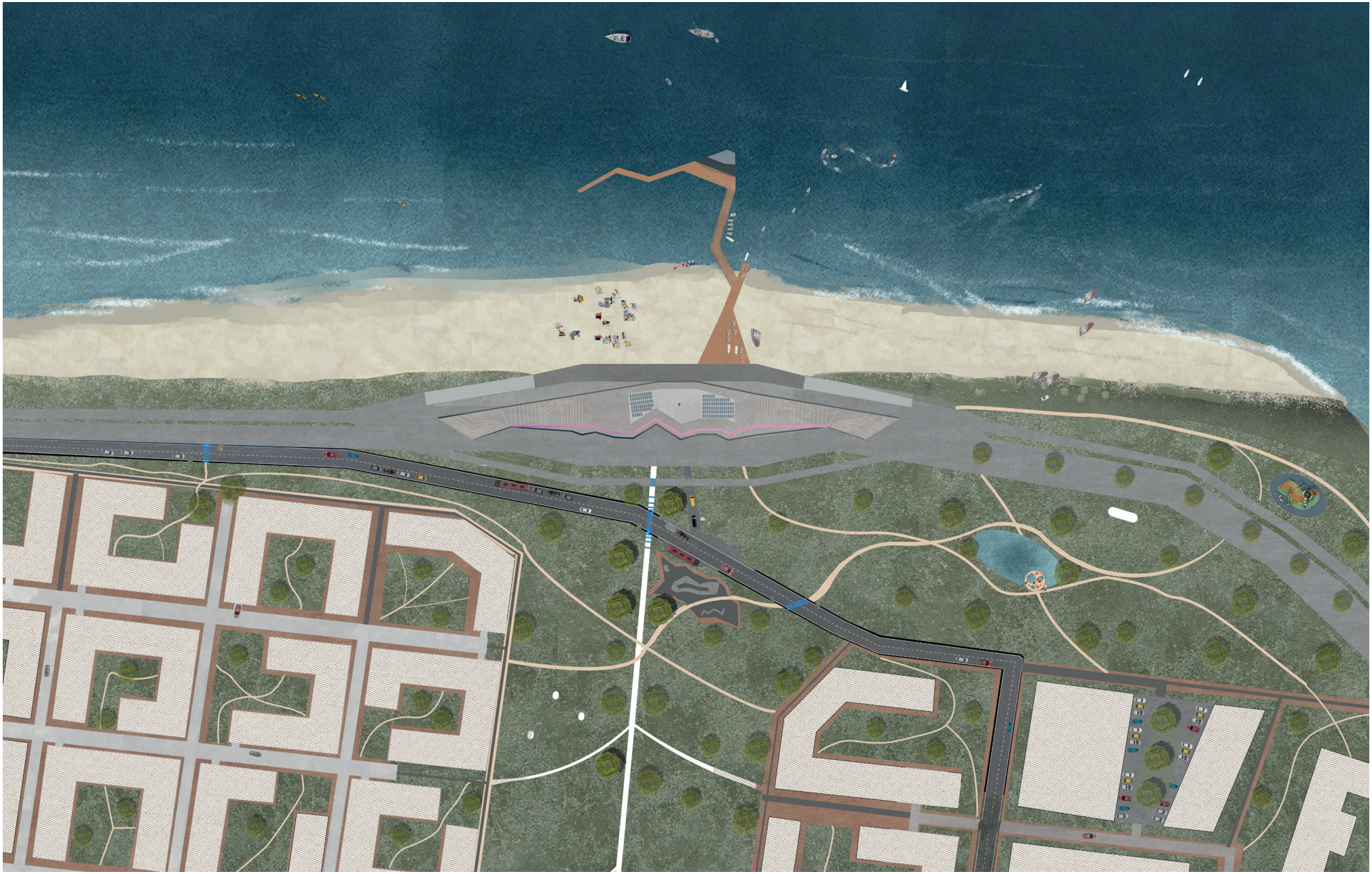
Reasonable
distance estuary

10 min to Depot



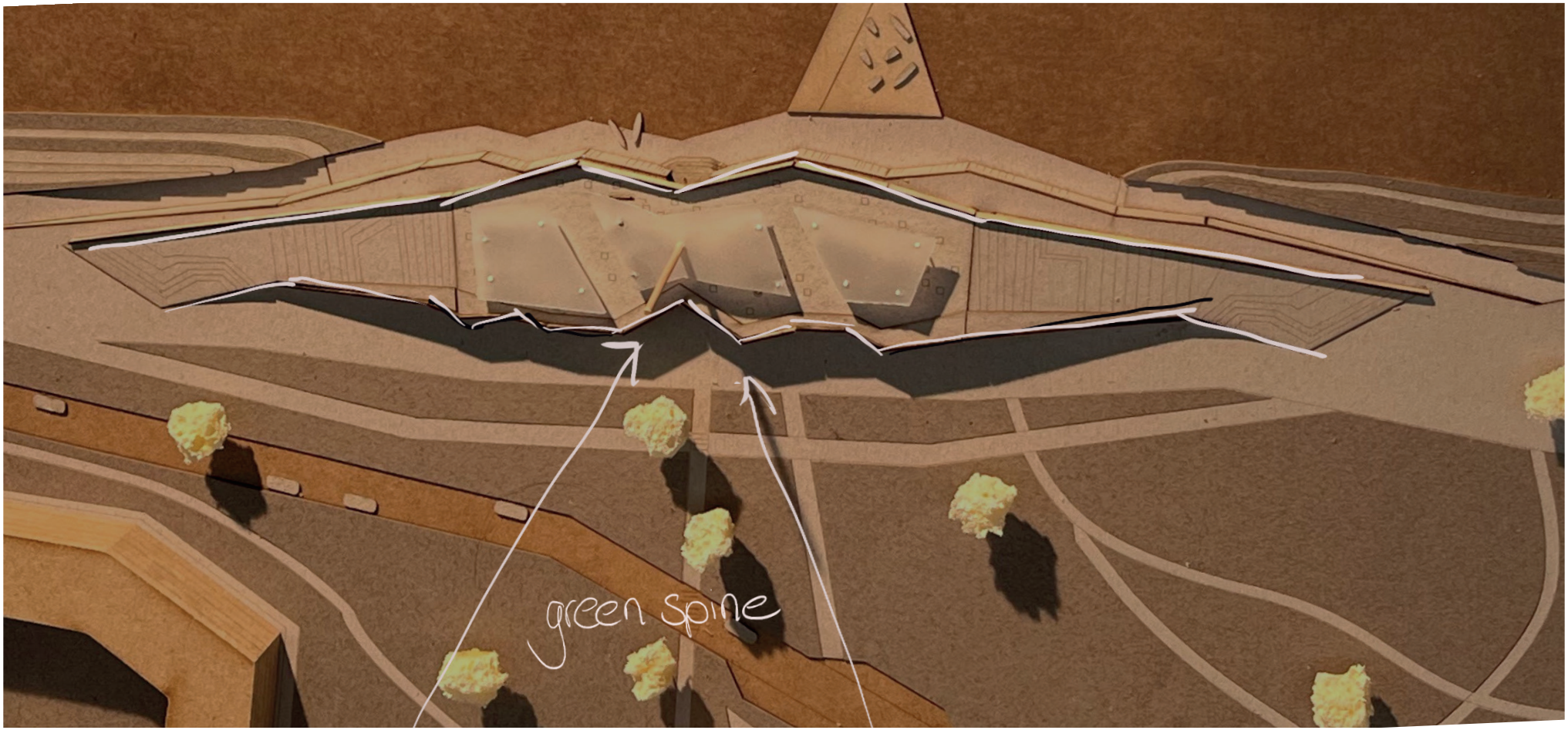

sail area b
moorings boys *
sail area a
water way
kayak area
WATERSPORTS CENTRE
warehouse area
Helene beach
skatepark
playground
start-ups
offices
shops
cafes
Beirut river
residences
park
GREEN SPINE
community centre
water basin
AGRICULTURE SCHOOL
POST-DIGITAL DEPOT
villas
argiculture land
ferry station
digital hub
offices
Eco village
ALGAE EXPERIENCE CENTRE
seaweed marina
creative school
residences
sports facilities
market
residences
offices
school
art centre
offices
oil company
open market
GREEN SPINE
residences
Dawra Marina
offices
residences
residences
market
park

Blends in

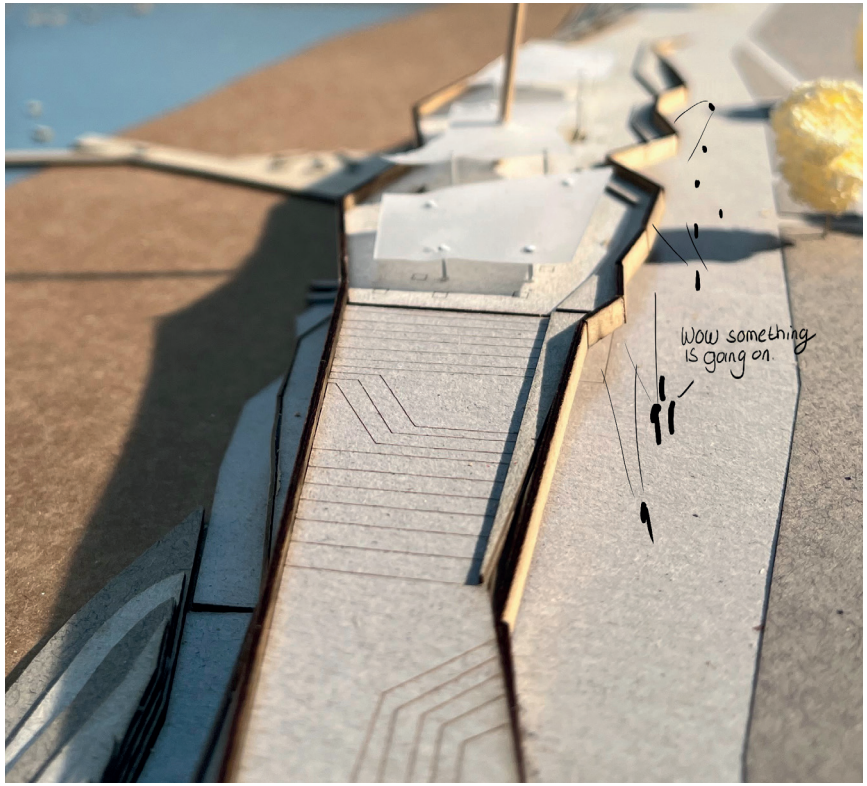


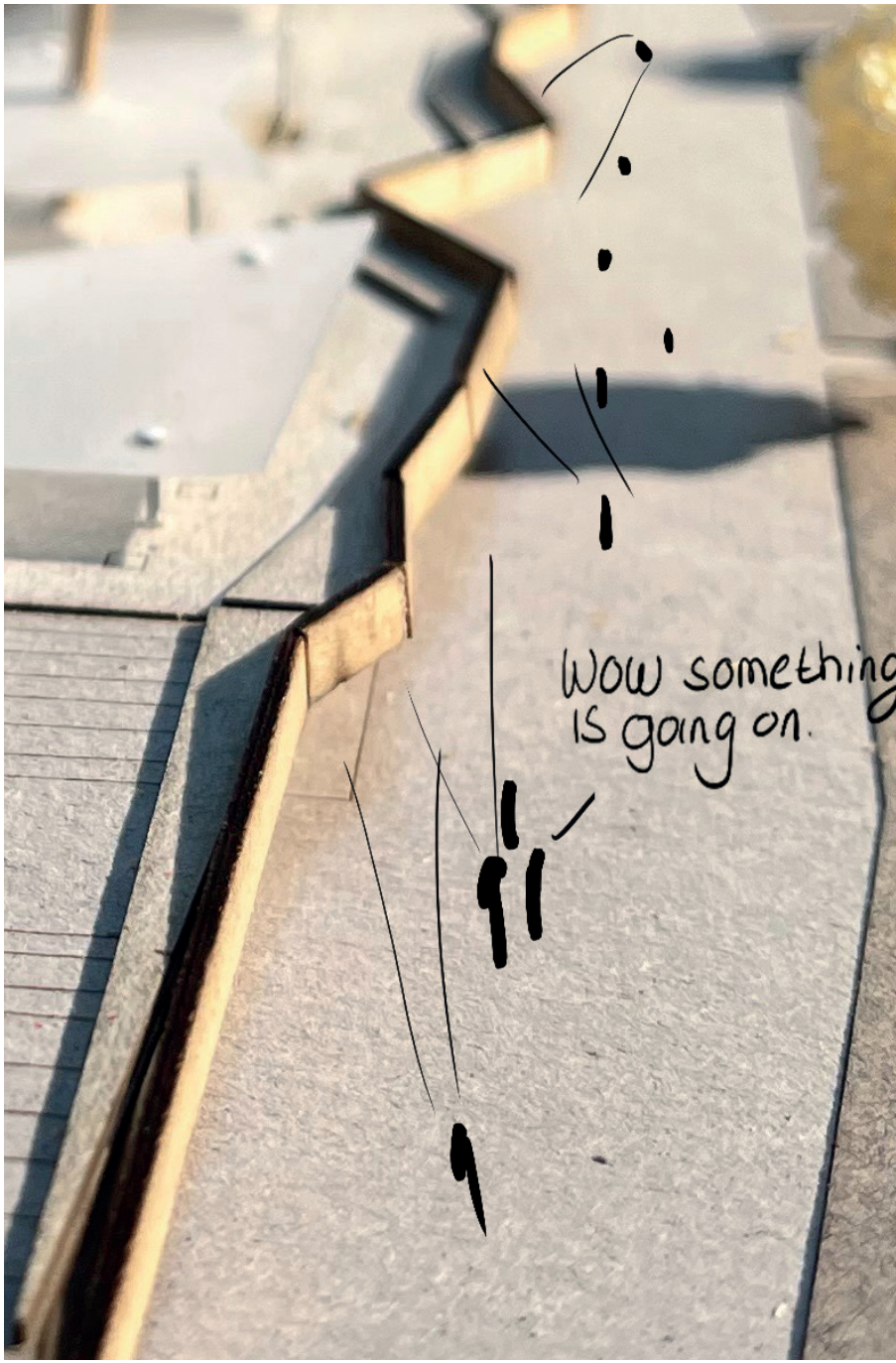
* render is a visual suggestion

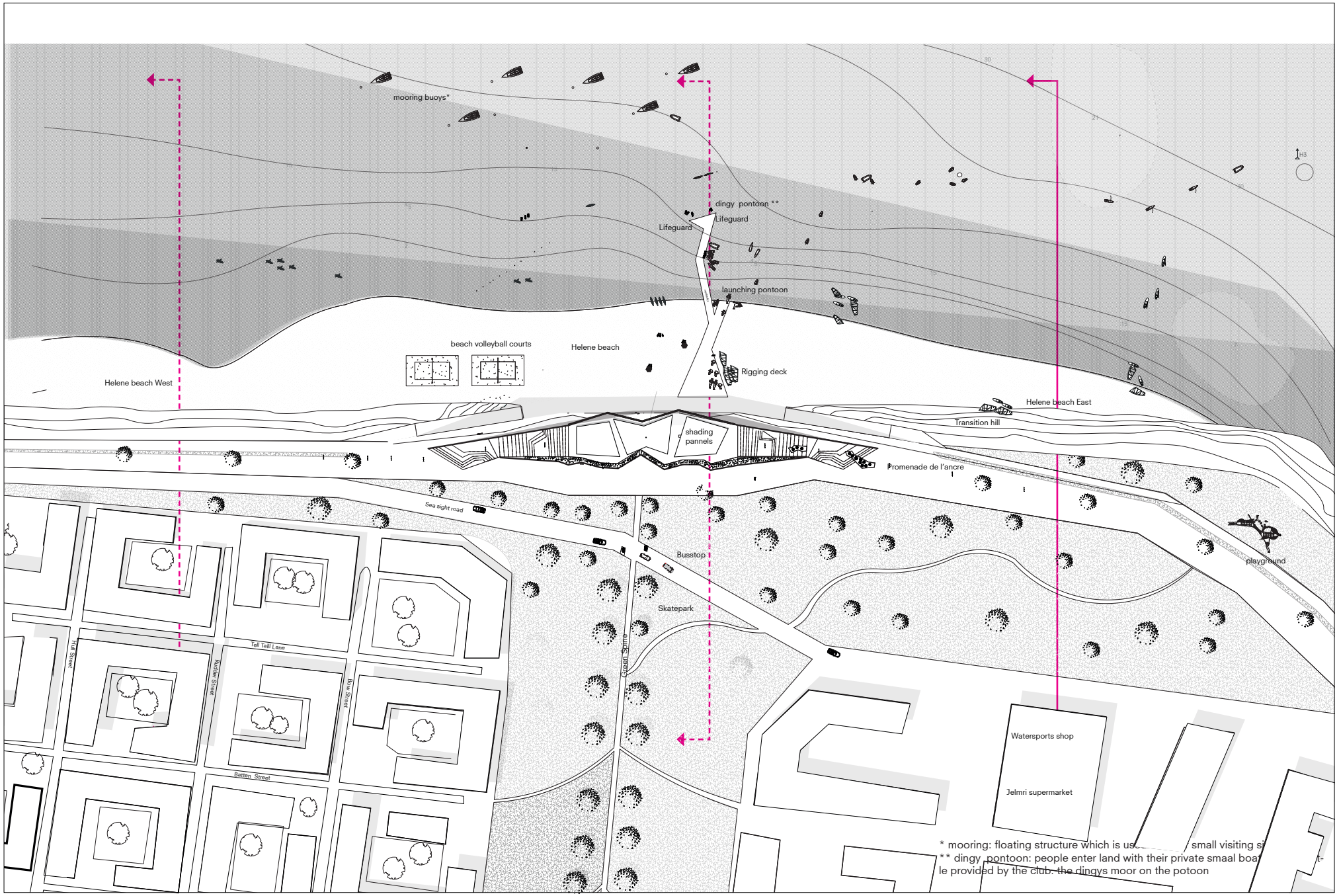
Stands out



Stands out



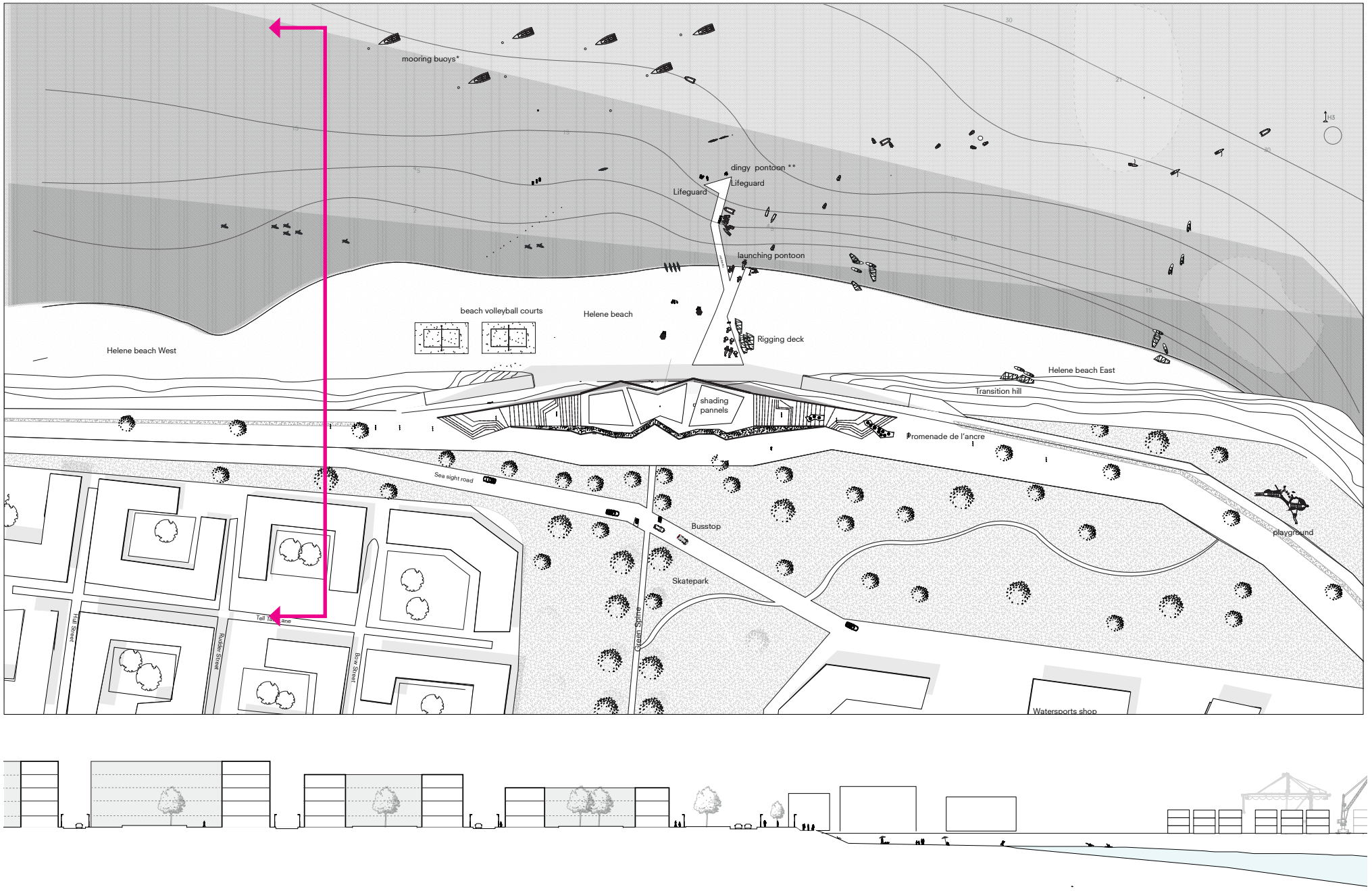


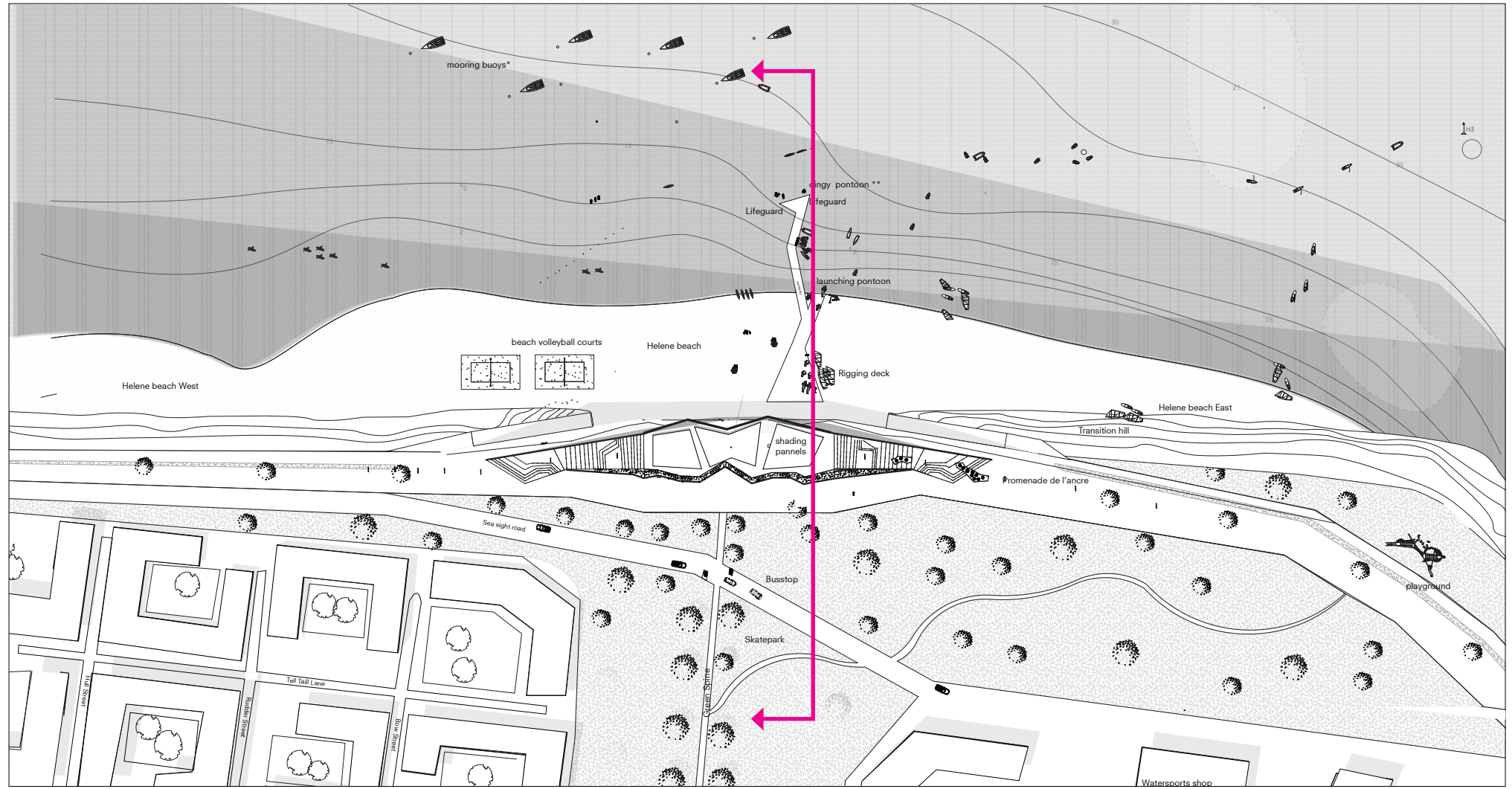


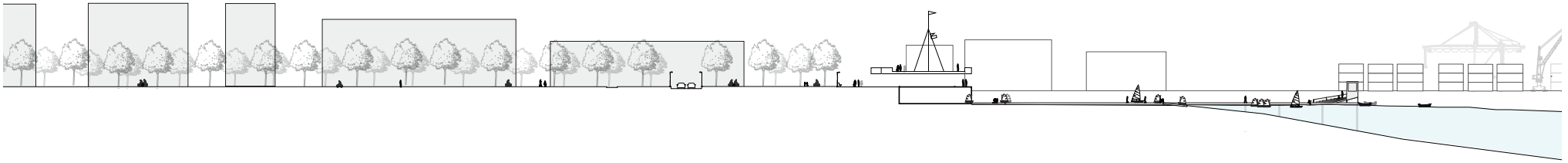
SITE PLAN

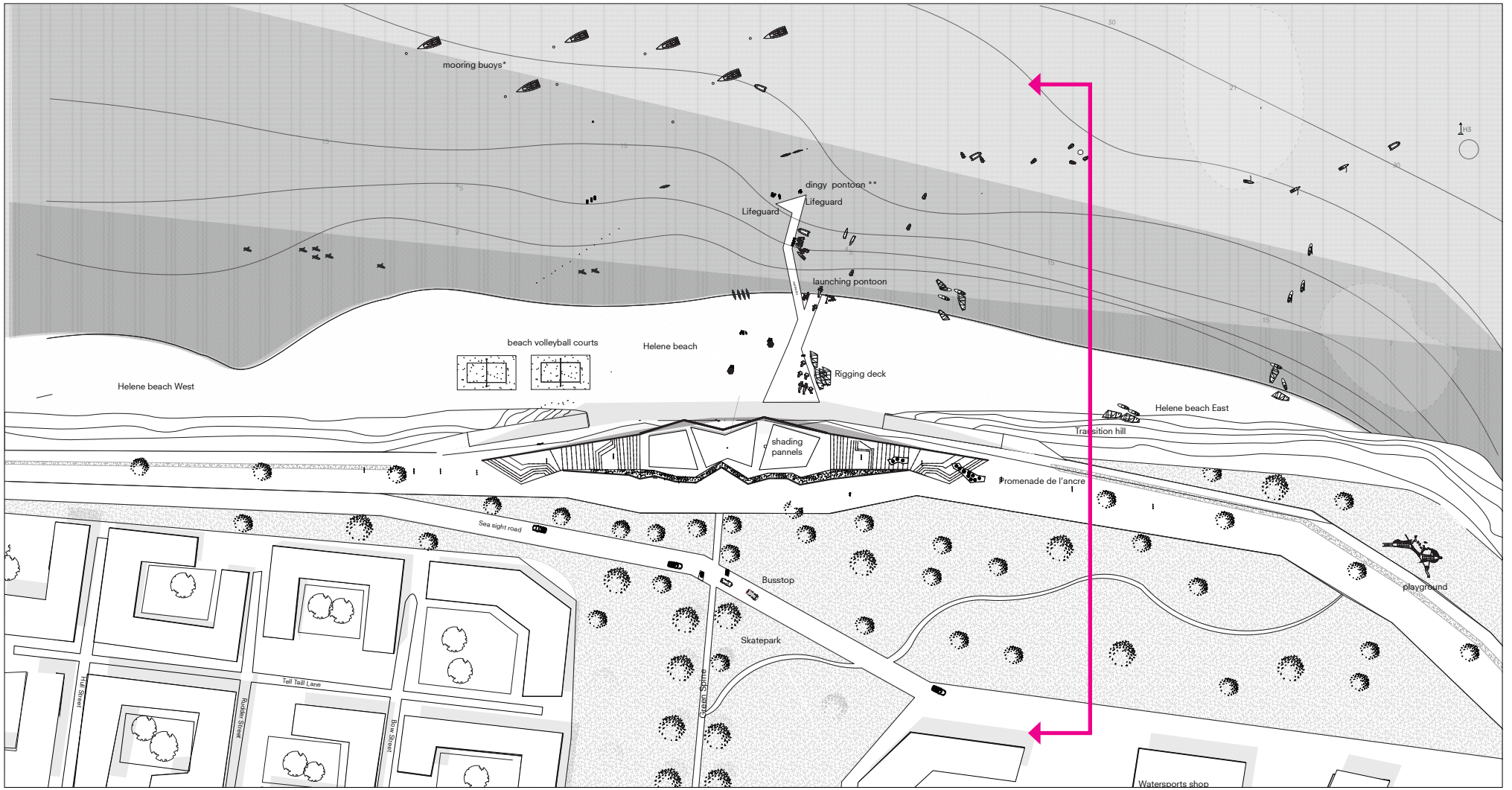
1: 10000 on A0

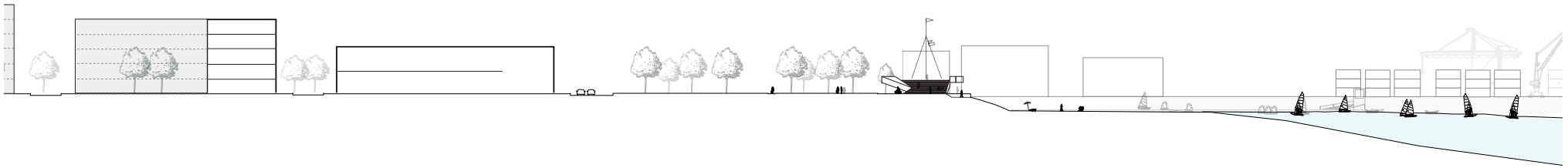
N

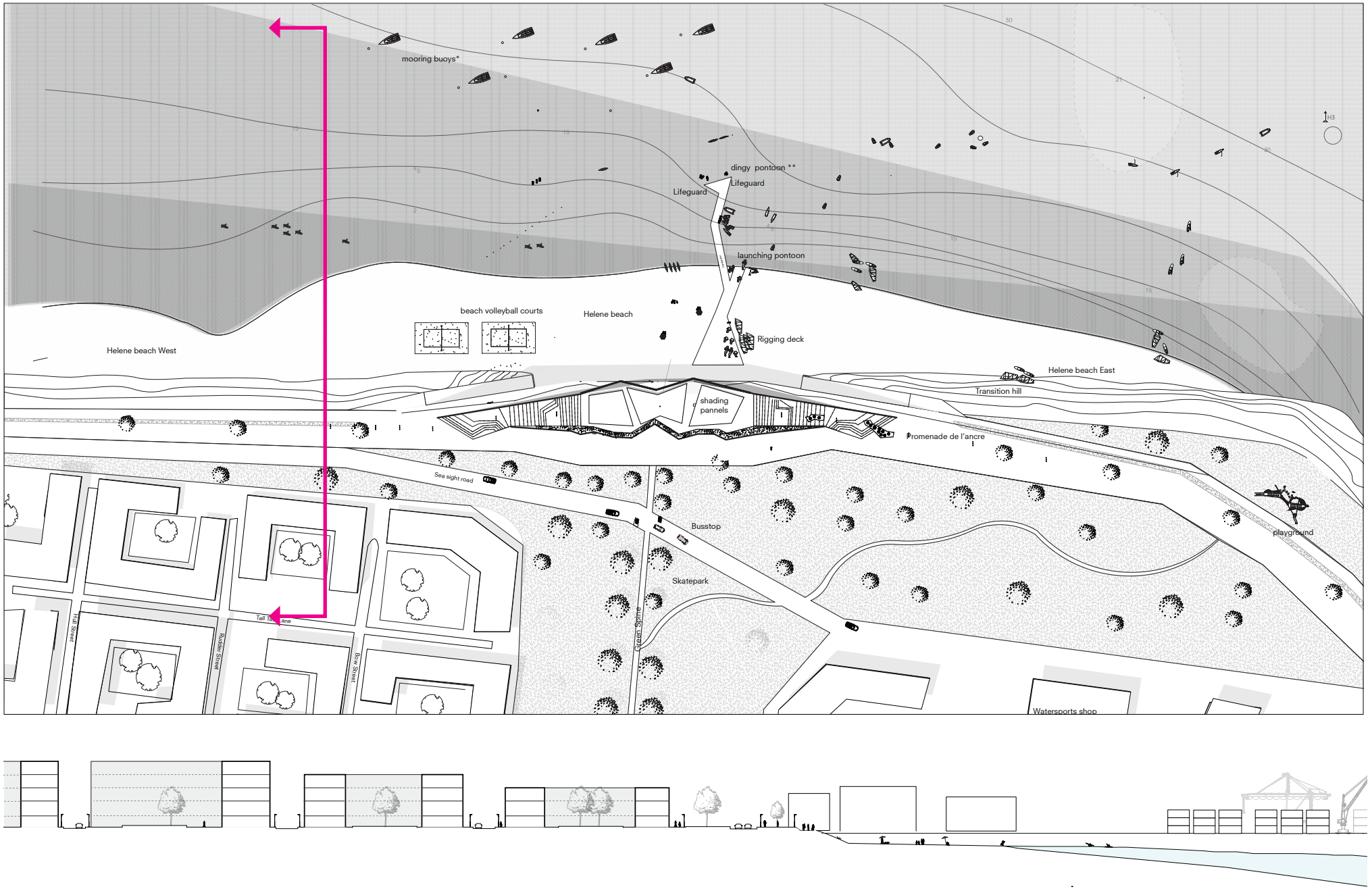

mooring buoys*
dingy pontoon **
Lifeguard
Lifeguard
launching pontoon
beach volleyball courts
Helene beach
Helene beach West
Rigging deck
Helene beach East
Transition hill
shading pannels
Promenade de l'ancre
Sea sight road
Busstop
playground
Skatepark
Green Spine
Watersports shop

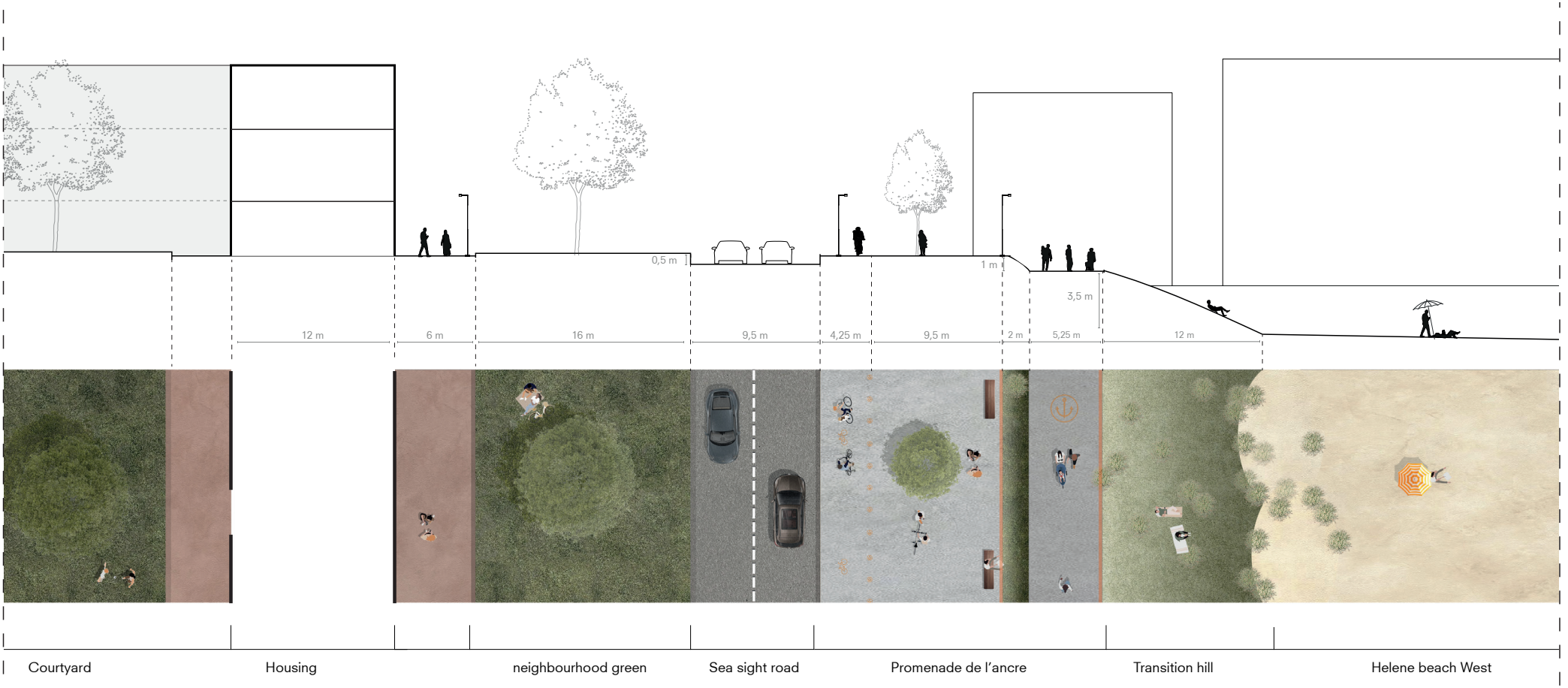

mooring buoys*
Lifeguard
launching pontoon
beach volleyball courts
Helene beach
Helene beach West
Rigging deck
Helene beach East
Transition hill
shading pannels
Promenade de l'ancre
Sea sight road
Busstop
playground
Skatepark
Tall Tail Lane
Green Spine
Watersports shop

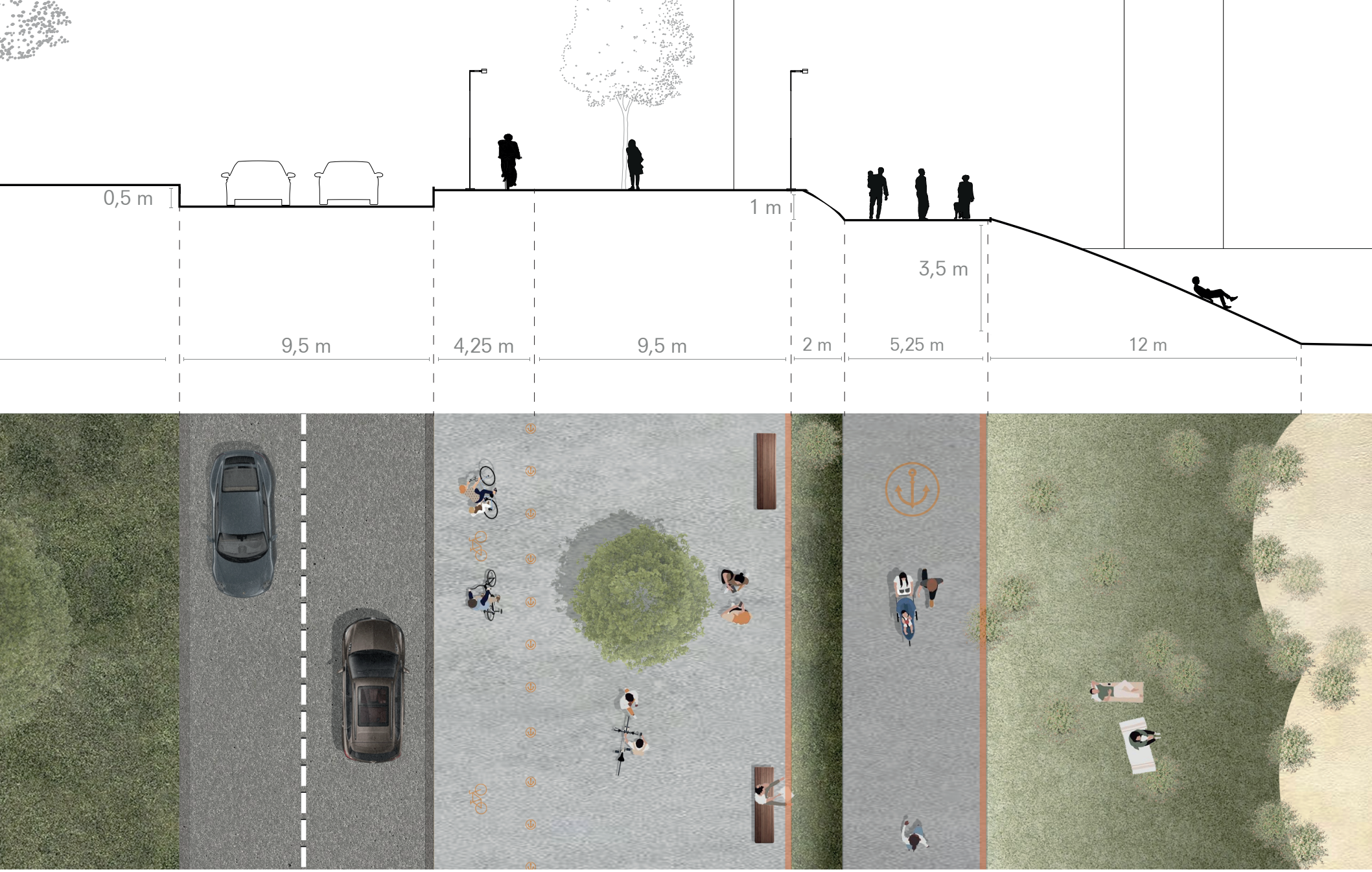



mooring buoys*
dingy pontoon **
Lifeguard
Lifeguard
launching pontoon
beach volleyball courts
Helene beach
Helene beach West
Rigging deck
Helene beach East
Transition hill
shading pannels
Promenade de l'ancre
Sea sight road
Busstop
playground
Skatepark
Green Spine
Tall Tail Lane
Watersports shop




mooring buoys*
dingy pontoon **
Lifeguard
Lifeguard
launching pontoon
beach volleyball courts
Helene beach
Helene beach West
Rigging deck
Helene beach East
Transition hill
shading pannels
Promenade de l'ancre
Sea sight road
Busstop
playground
Skatepark
Green Spine
Watersports shop


0,5 m
1 m
3,5 m
12 m
6 m
16 m
9,5 m
4,25 m
9,5 m
2 m
5,25 m
12 m
Courtyard
Housing
neighbourhood green
Sea sight road
Promenade de l'ancre
Transition hill
Helene beach West

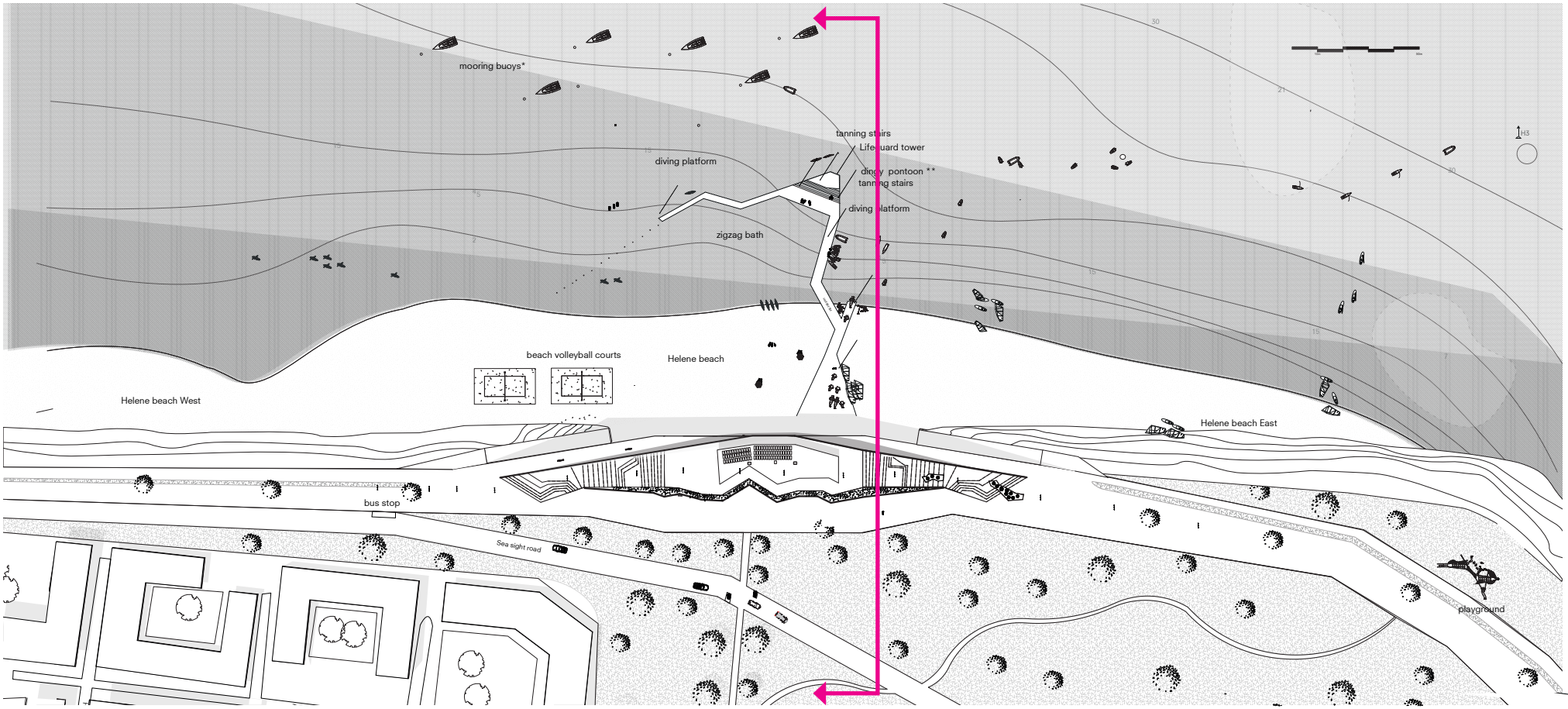


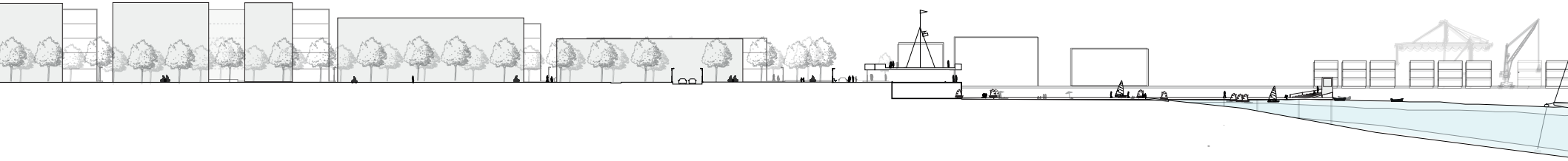
od green

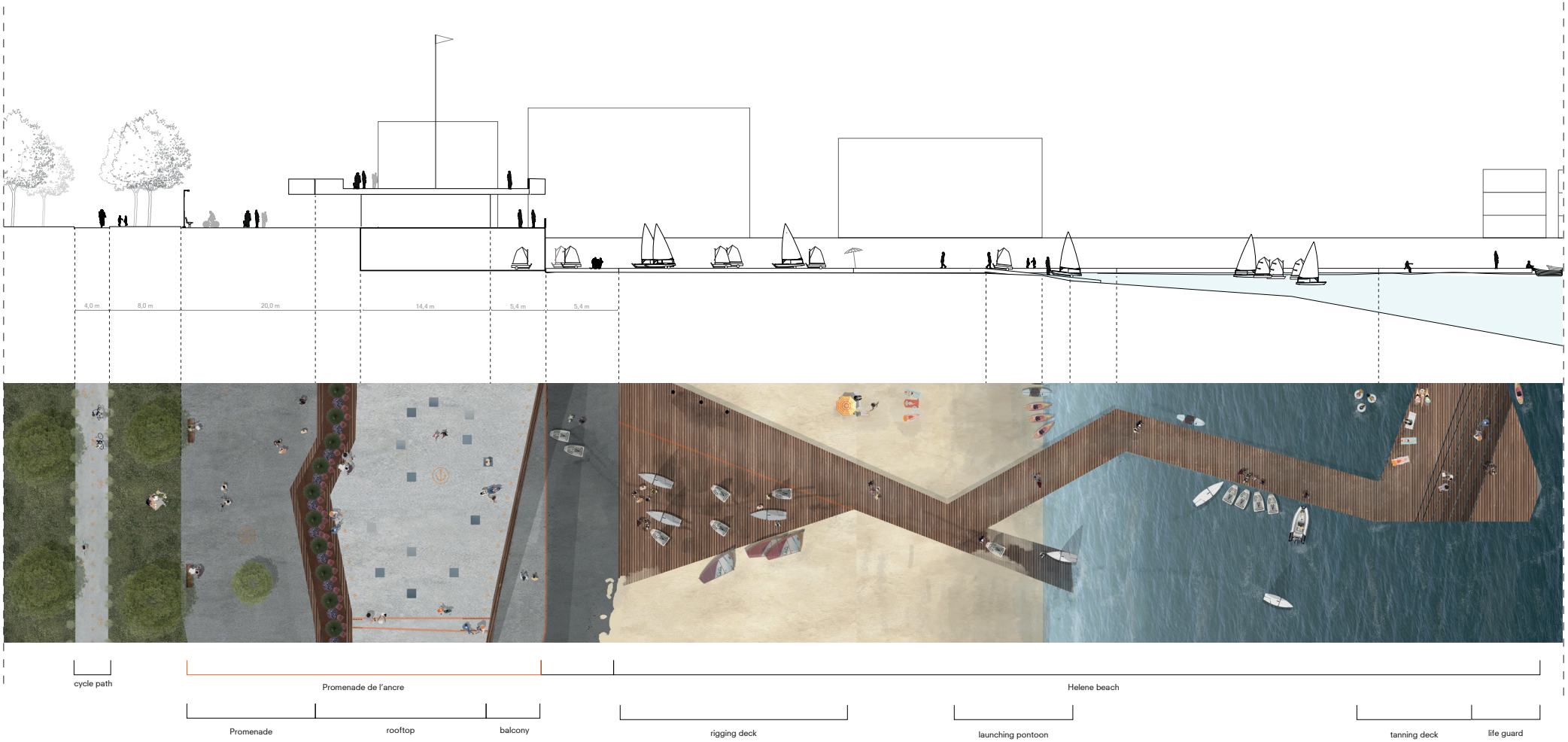
Sea sight road

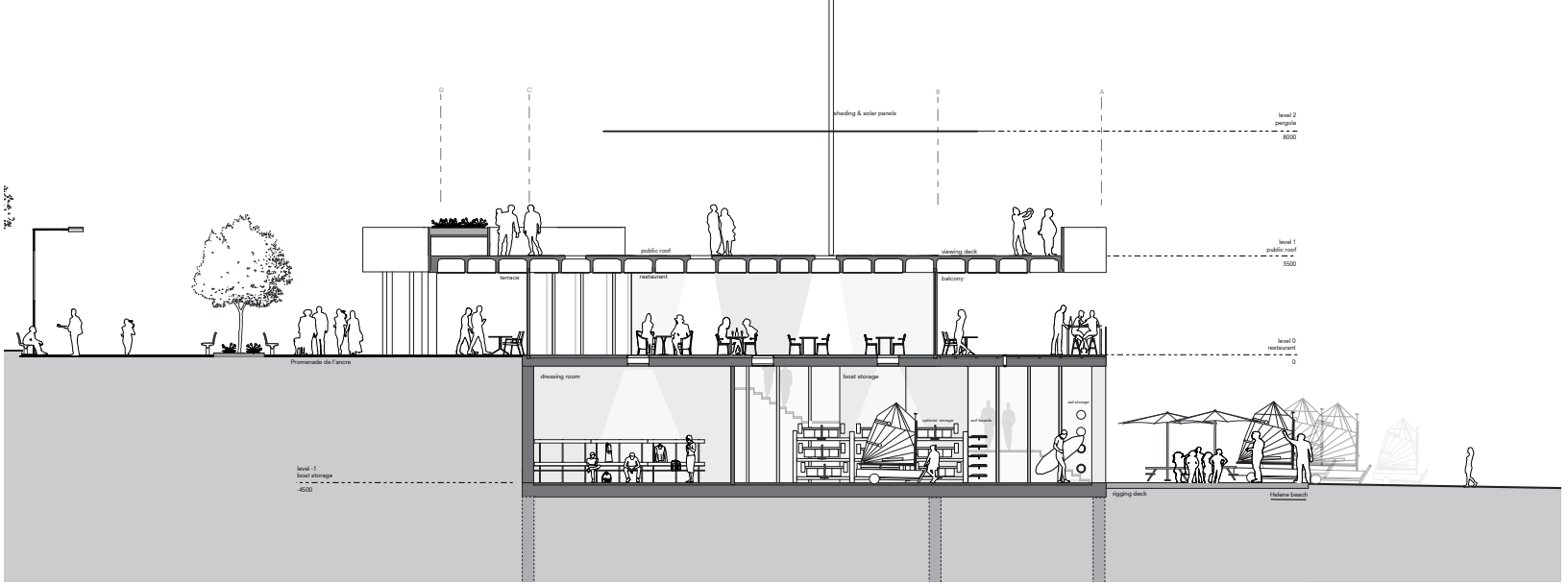
Promenade de l’ancre

Transition hill

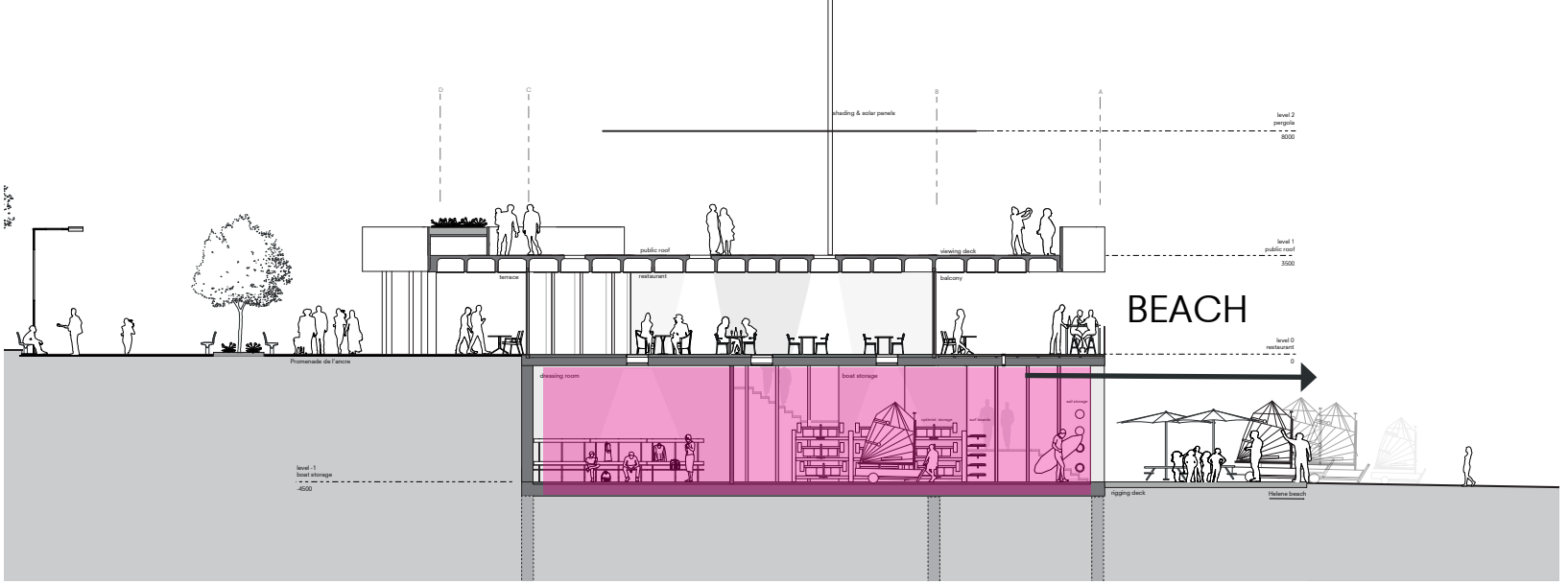

mooring buoys*
tanning stairs
Life-guard tower
diving platform
dingy pontoon **
tanning stairs
diving platform
zigzag bath
beach volleyball courts
Helene beach
Helene beach West
Helene beach East
bus stop
Sea sight road
playground



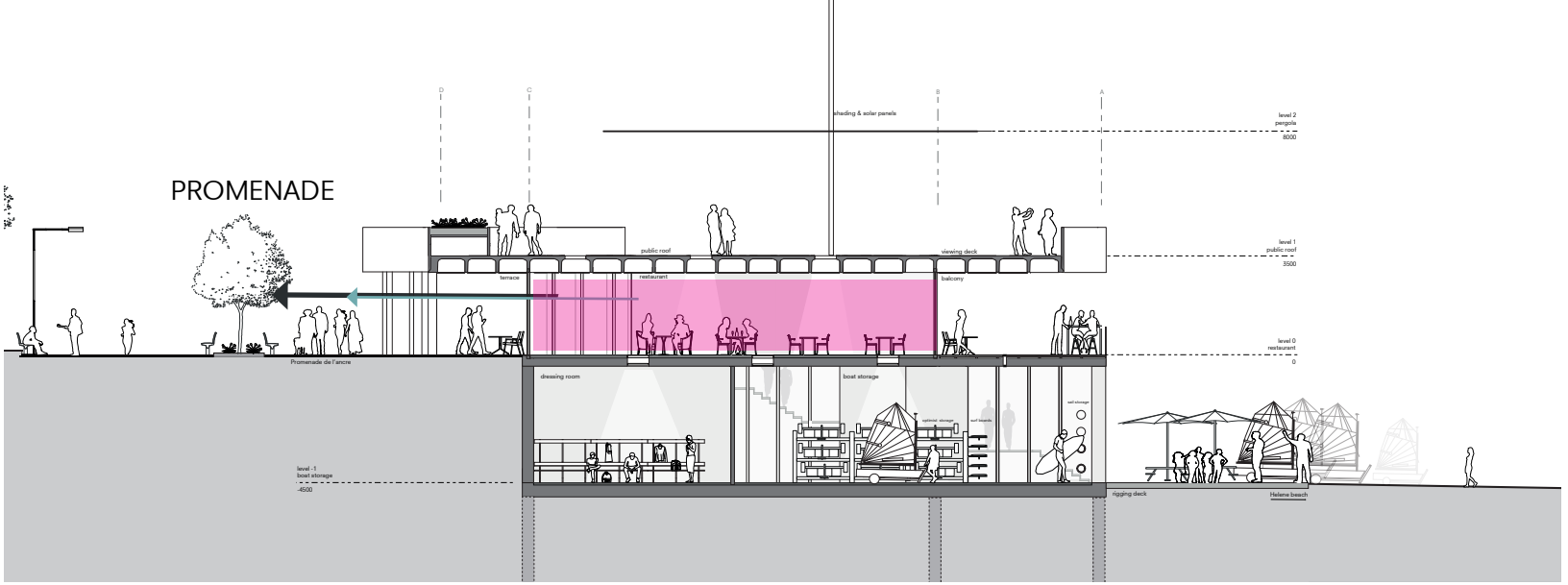

4,0 m
8,0 m
20,0 m
14,4 m
5,4 m
5,4 m
cycle path
Promenade de l'ancre
Helene beach
Promenade
rooftop
balcony
rigging deck
launching pontoon
tanning deck
life guard


D
C
B
A
shading & solar panels
level 2
pergola
8000
public roof
viewing deck
level 1
public roof
3500
terrace
restaurant
balcony
level 0
restaurant
0
Promenade de l'ancre
dressing room
boat storage
level -1
boat storage
-4500
rigging deck
Helene beach




D
C
B
A
shading & solar panels
level 2
pergola
8000
public roof
restaurant
viewing deck
balcony
level 1
public roof
3500
terrace
BEACH
level 0
restaurant
0
Promenade de l'ancre
dressing room
boat storage
level -1
boat storage
-4500
rigging deck
Helene beach



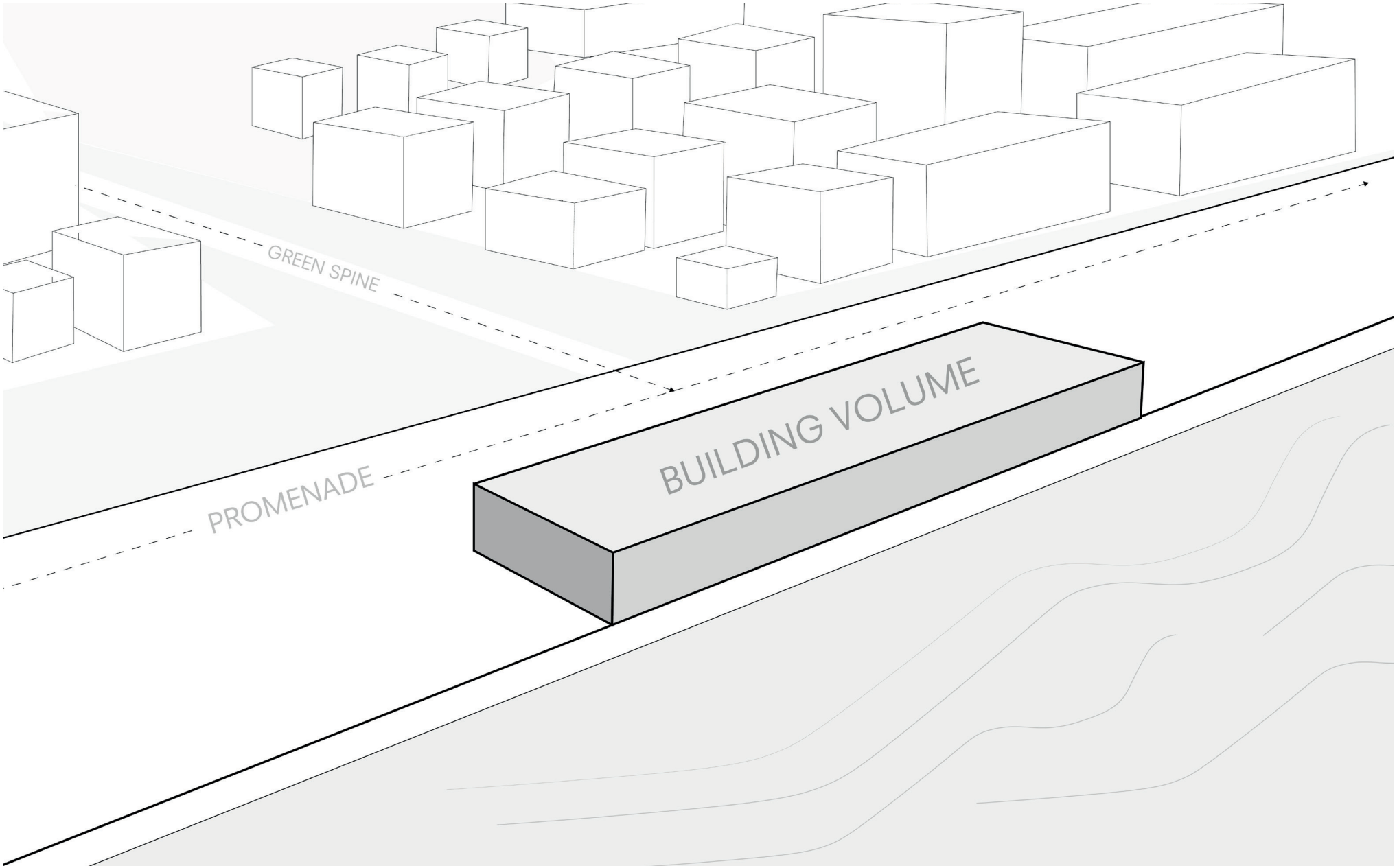

PROMENADE
shading & solar panels
level 2
pergola
8000
level 1
public roof
3500
level 0
restaurant
0
level -1
boat storage
-4500
public roof
viewing deck
terrace
restaurant
balcony
Promenade de l'ancre
dressing room
boat storage
rigging deck
Helene beach

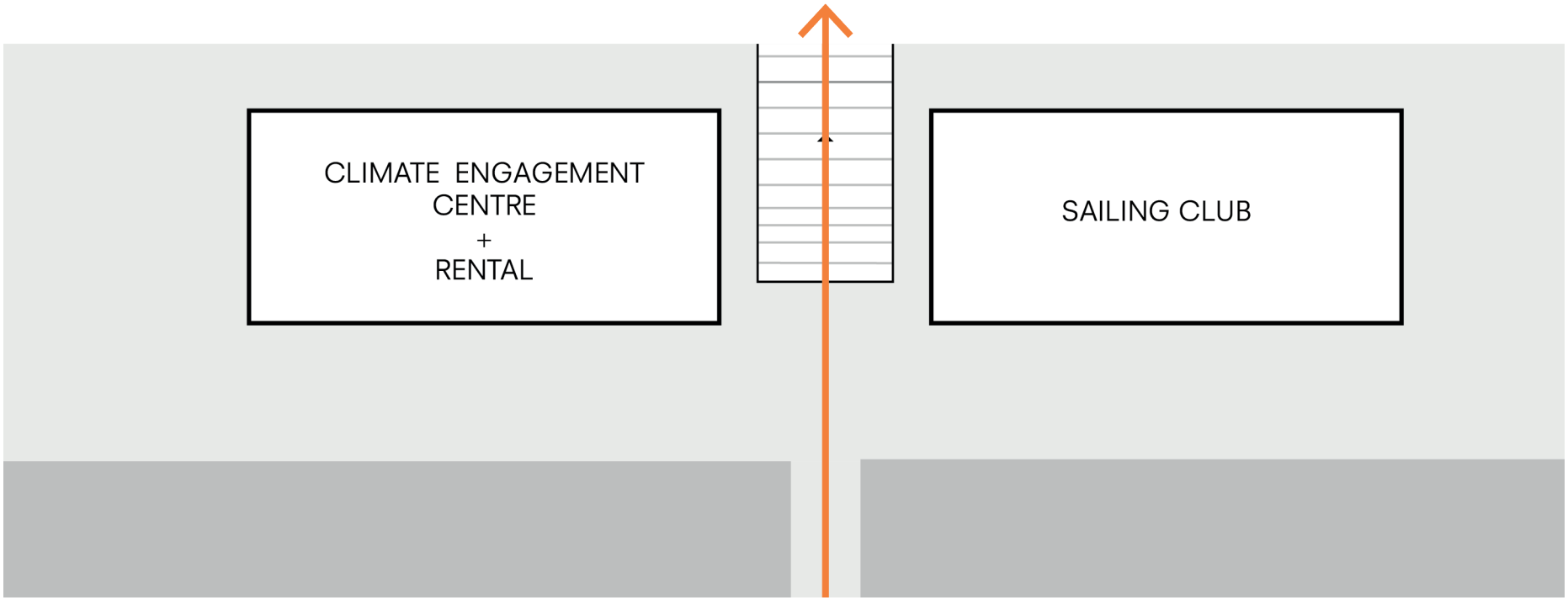


CONCEPT

process

MASS

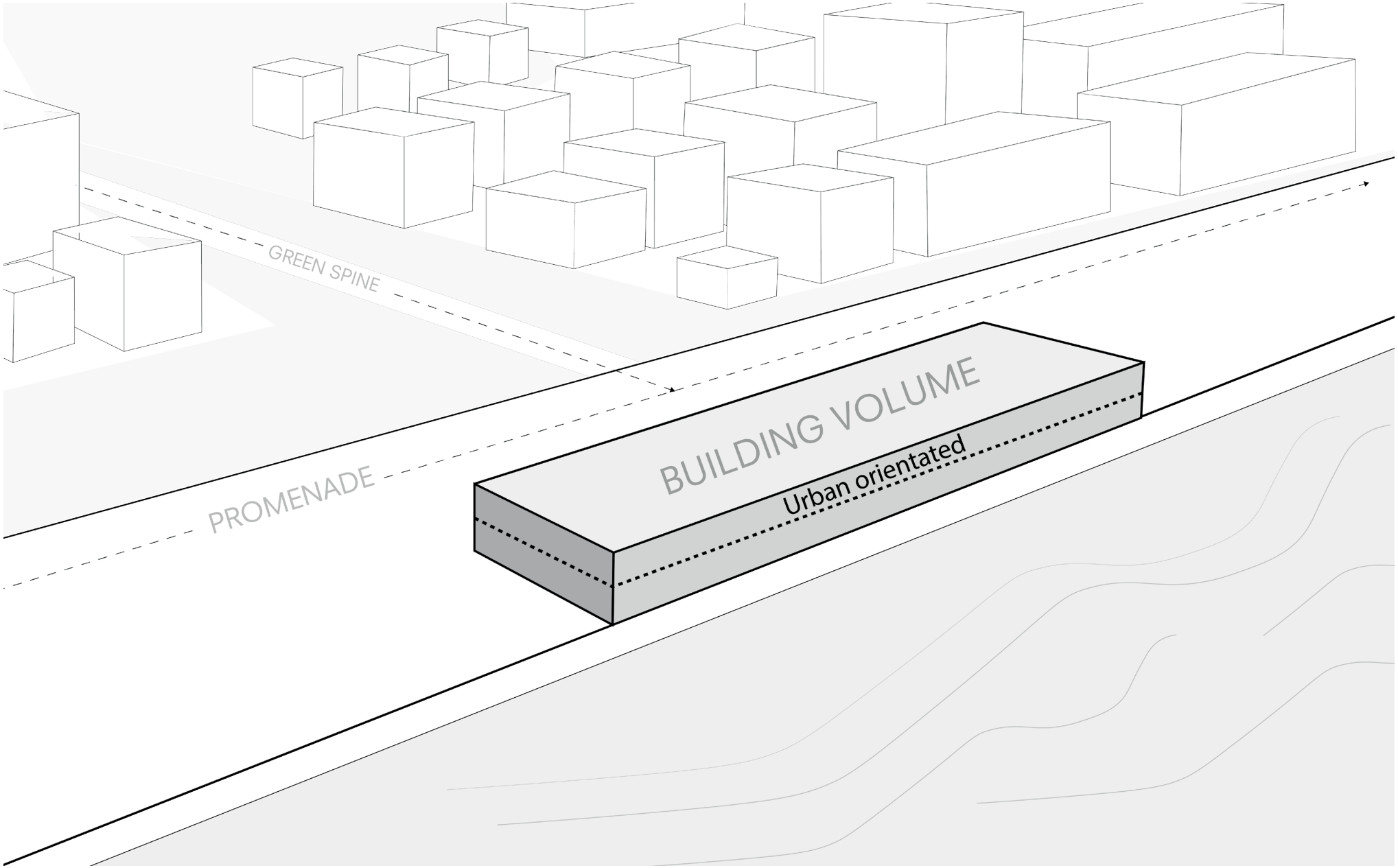




green spine to beach

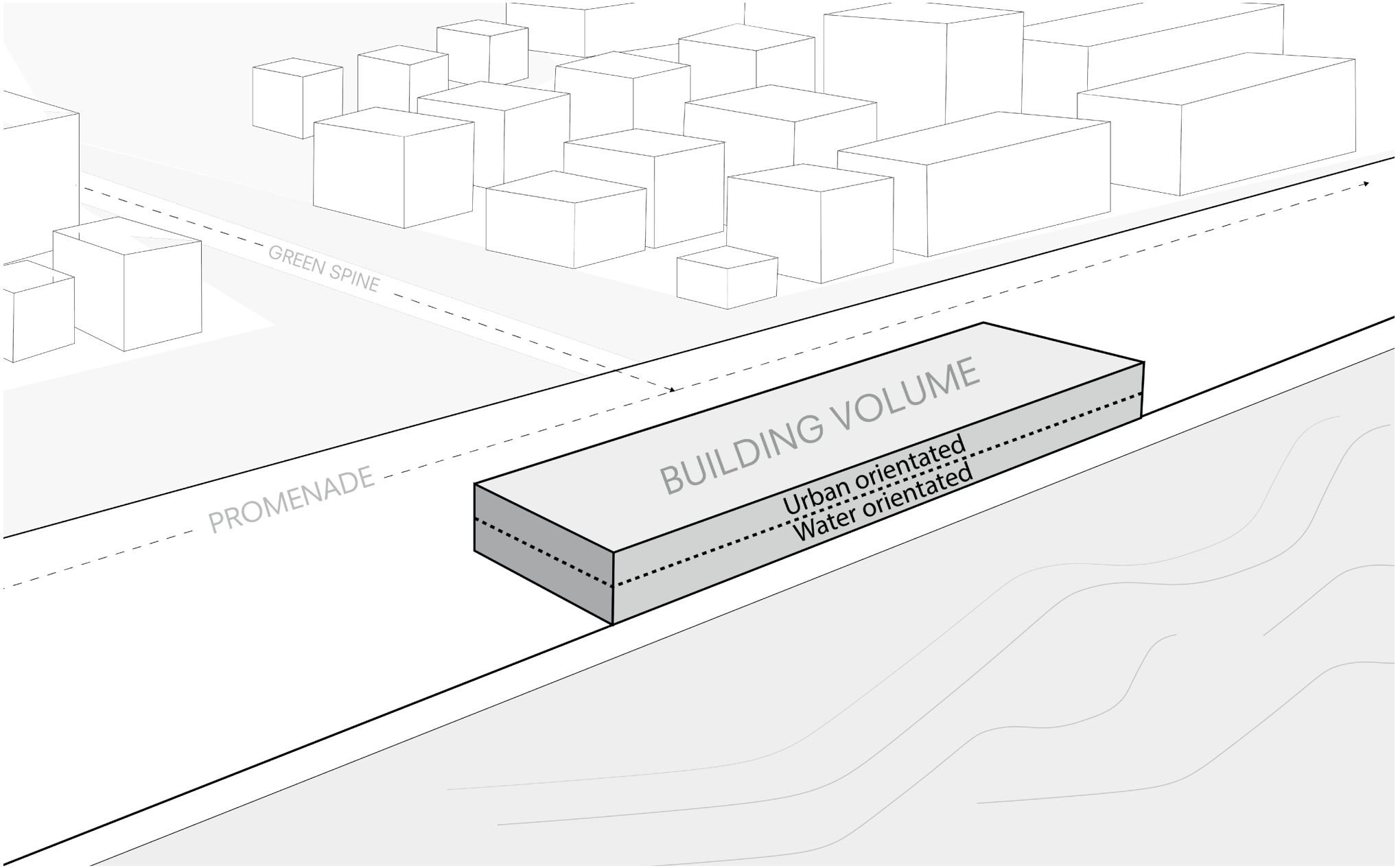
process

MASS



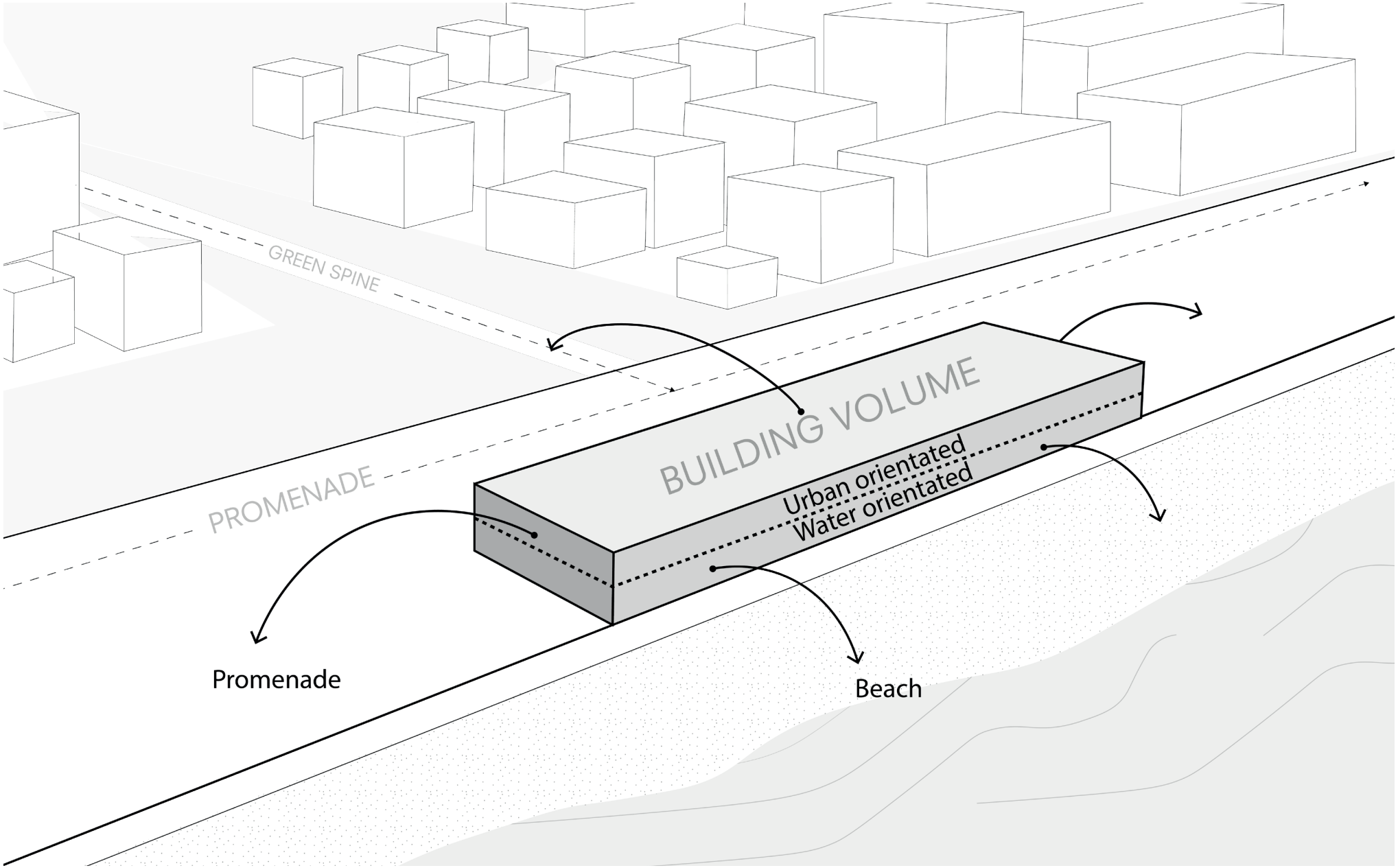
process

MASS



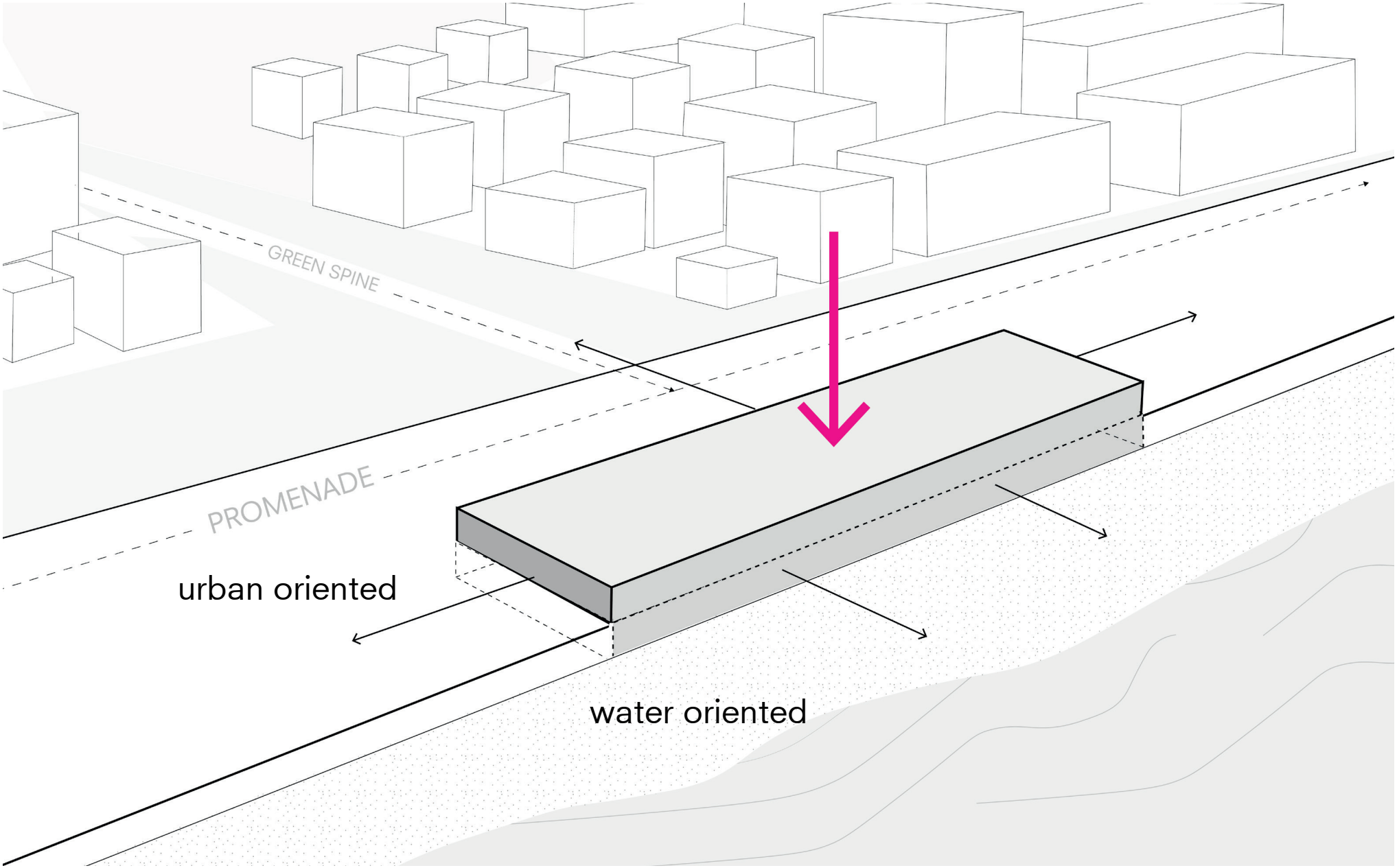
process

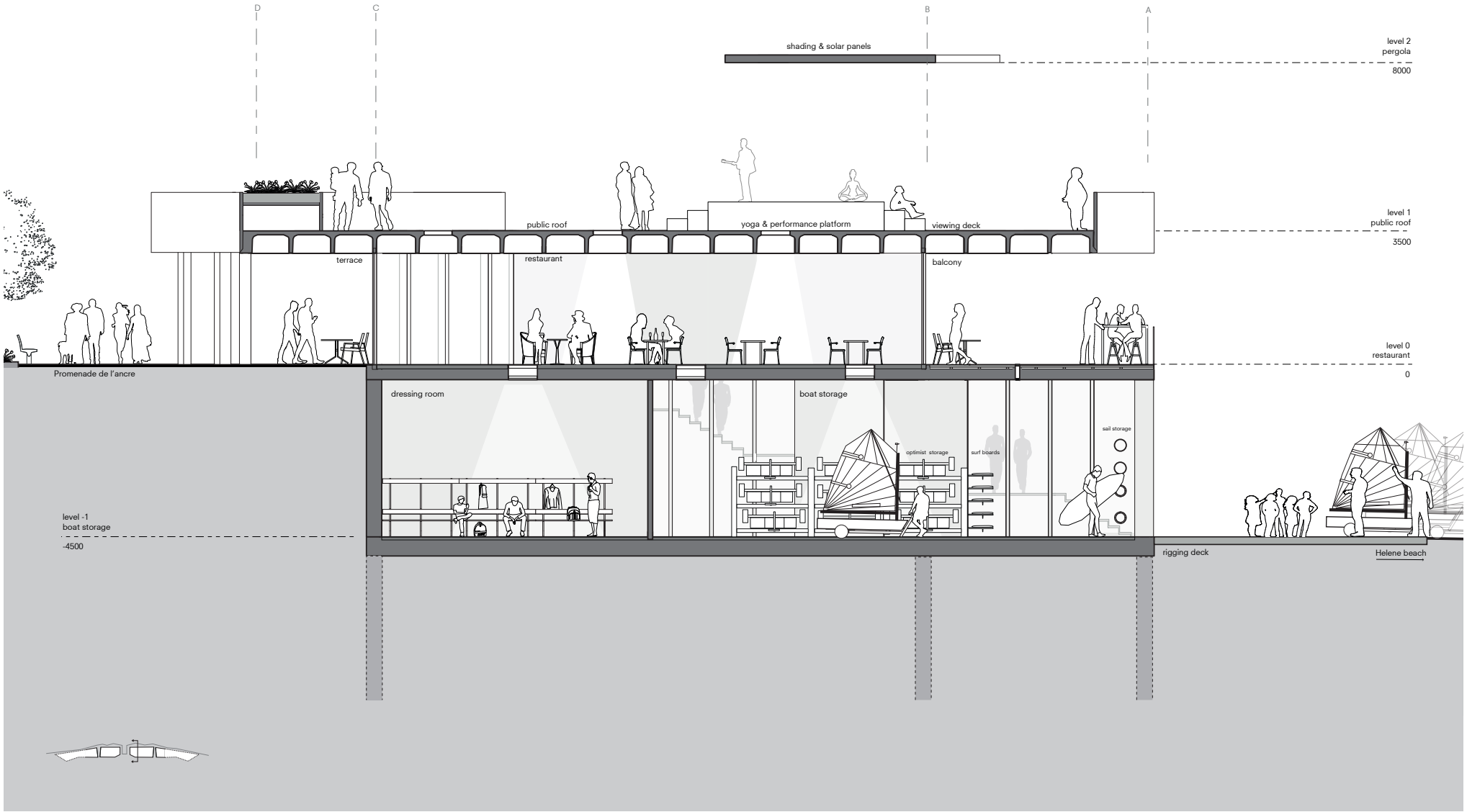
MASS

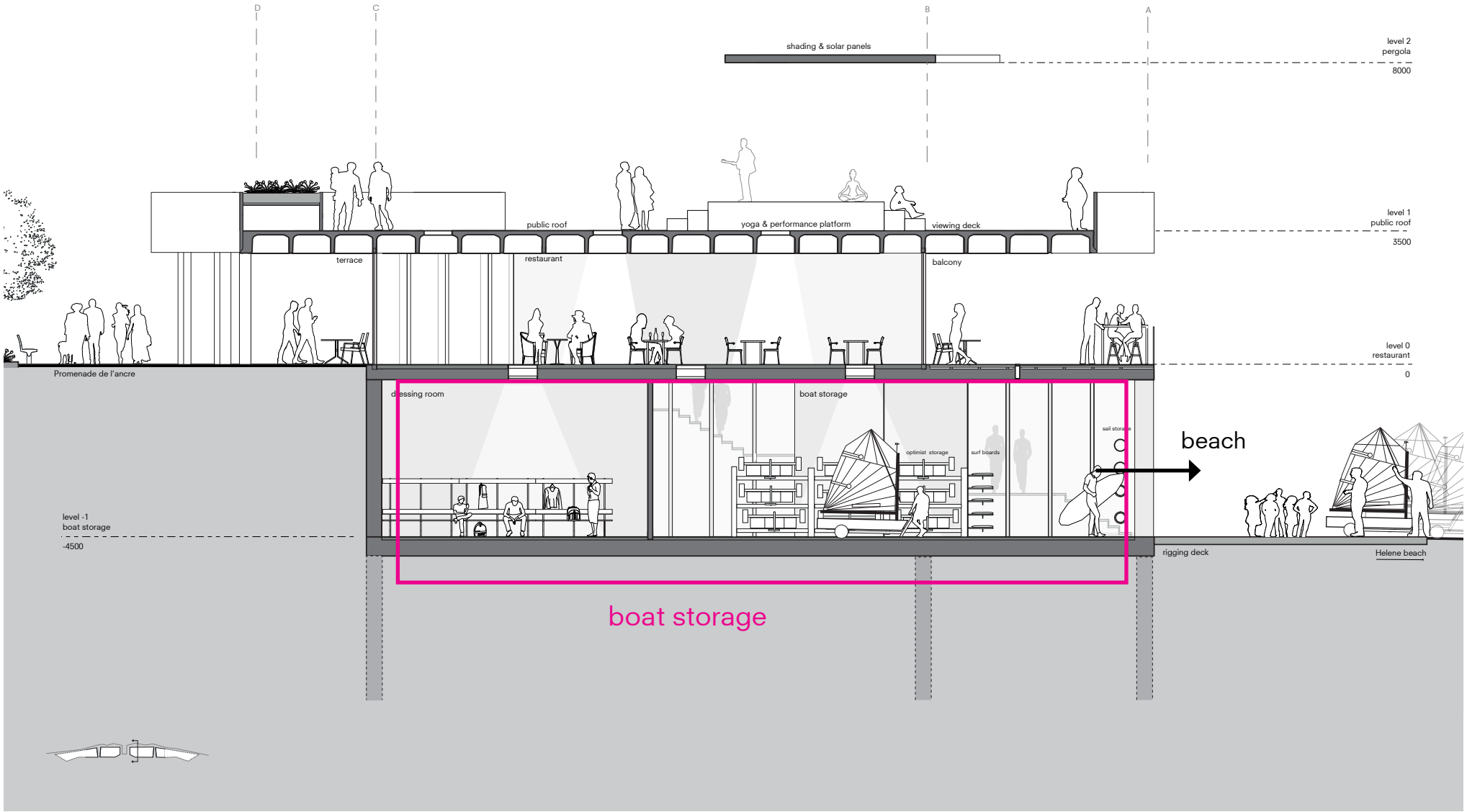


process

DIVISION




D
C
B
A
shading & solar panels
level 2
pergola
8000
public roof
yoga & performance platform
viewing deck
level 1
public roof
3500
terrace
restaurant
balcony
level 0
restaurant
0
Promenade de l'ancre
dressing room
boat storage
optimist storage
surf boards
sail storage
level -1
boat storage
-4500
rigging deck
Helene beach


D
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B
A
shading & solar panels
level 2
pergola
8000
public roof
yoga & performance platform
viewing deck
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public roof
3500
terrace
restaurant
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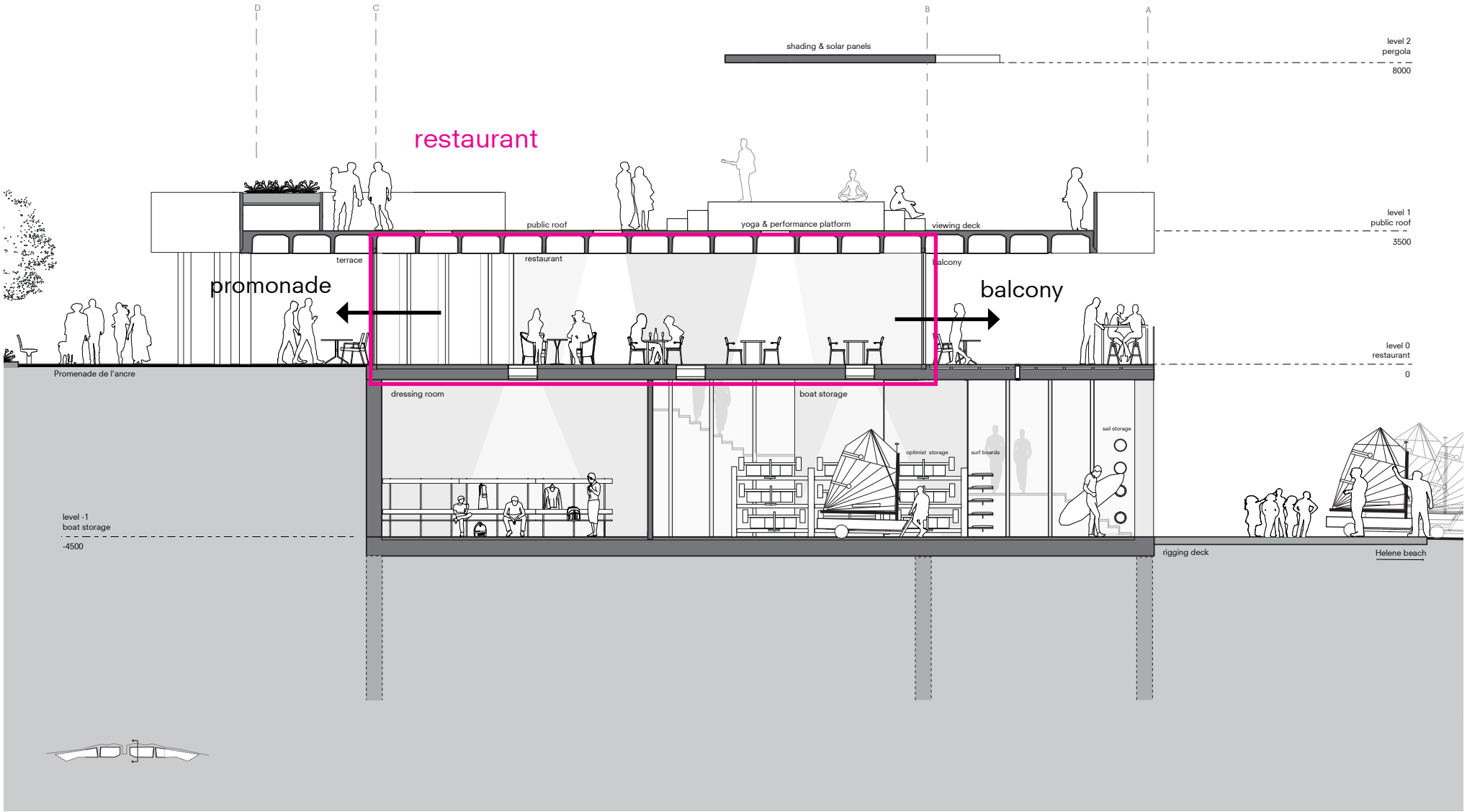
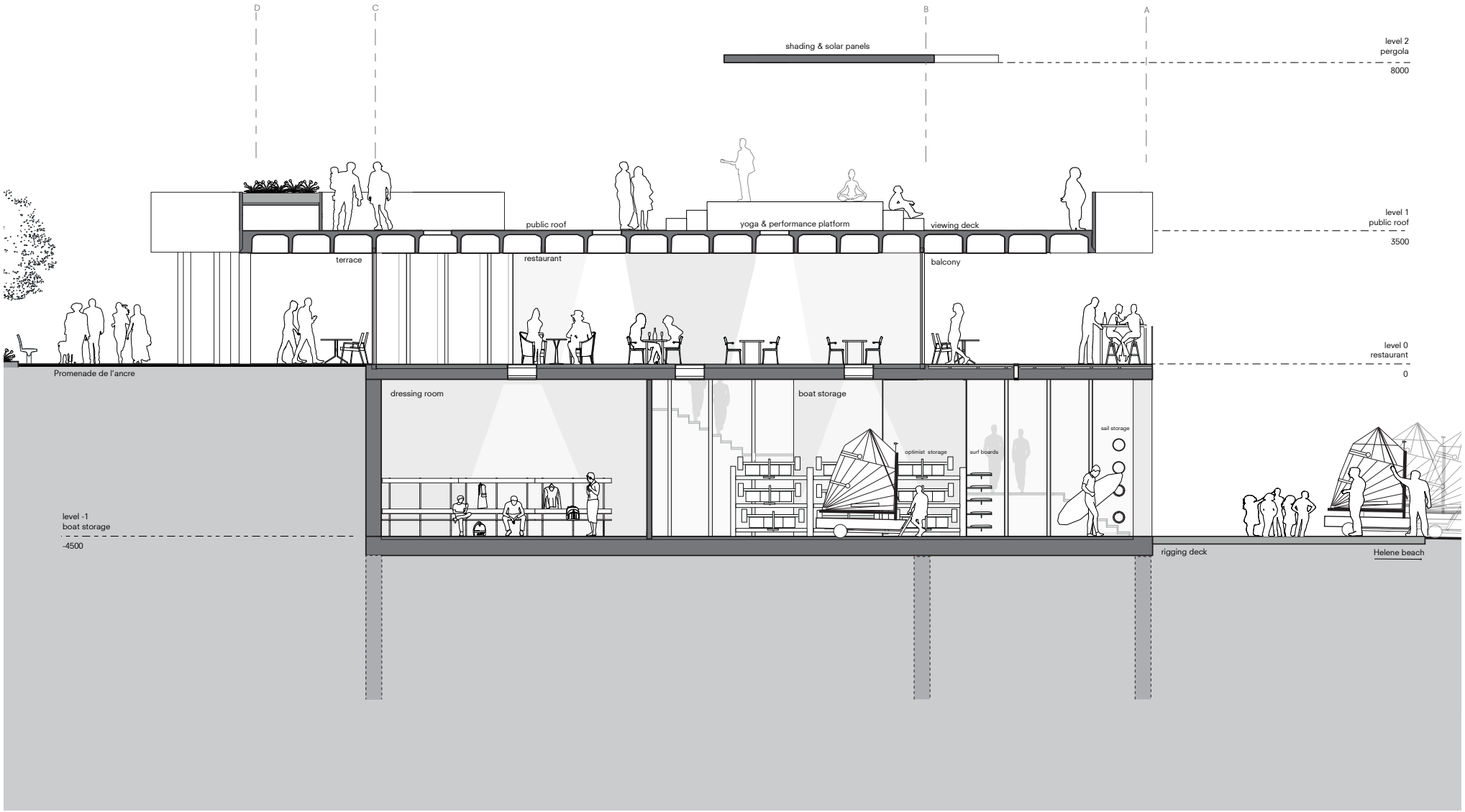
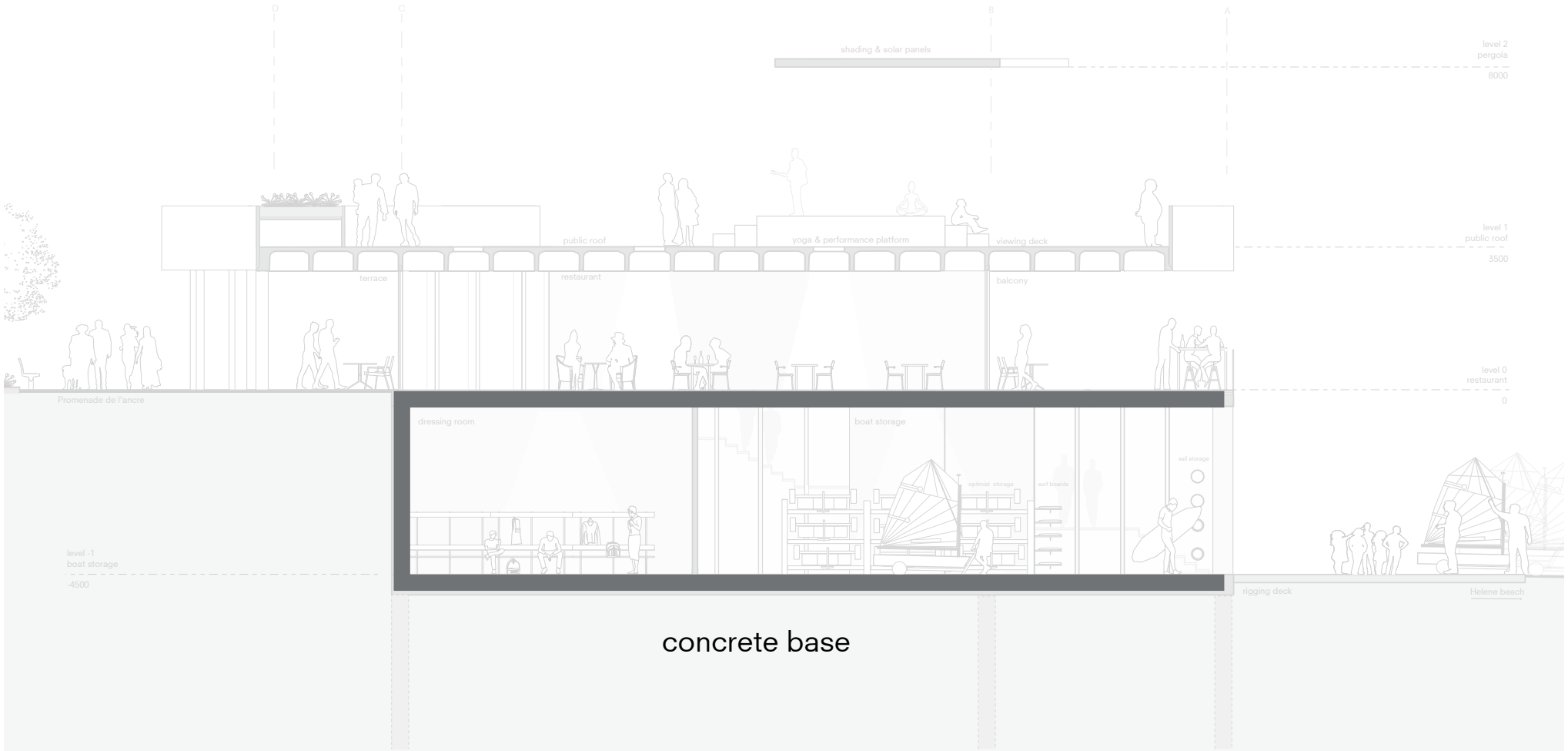
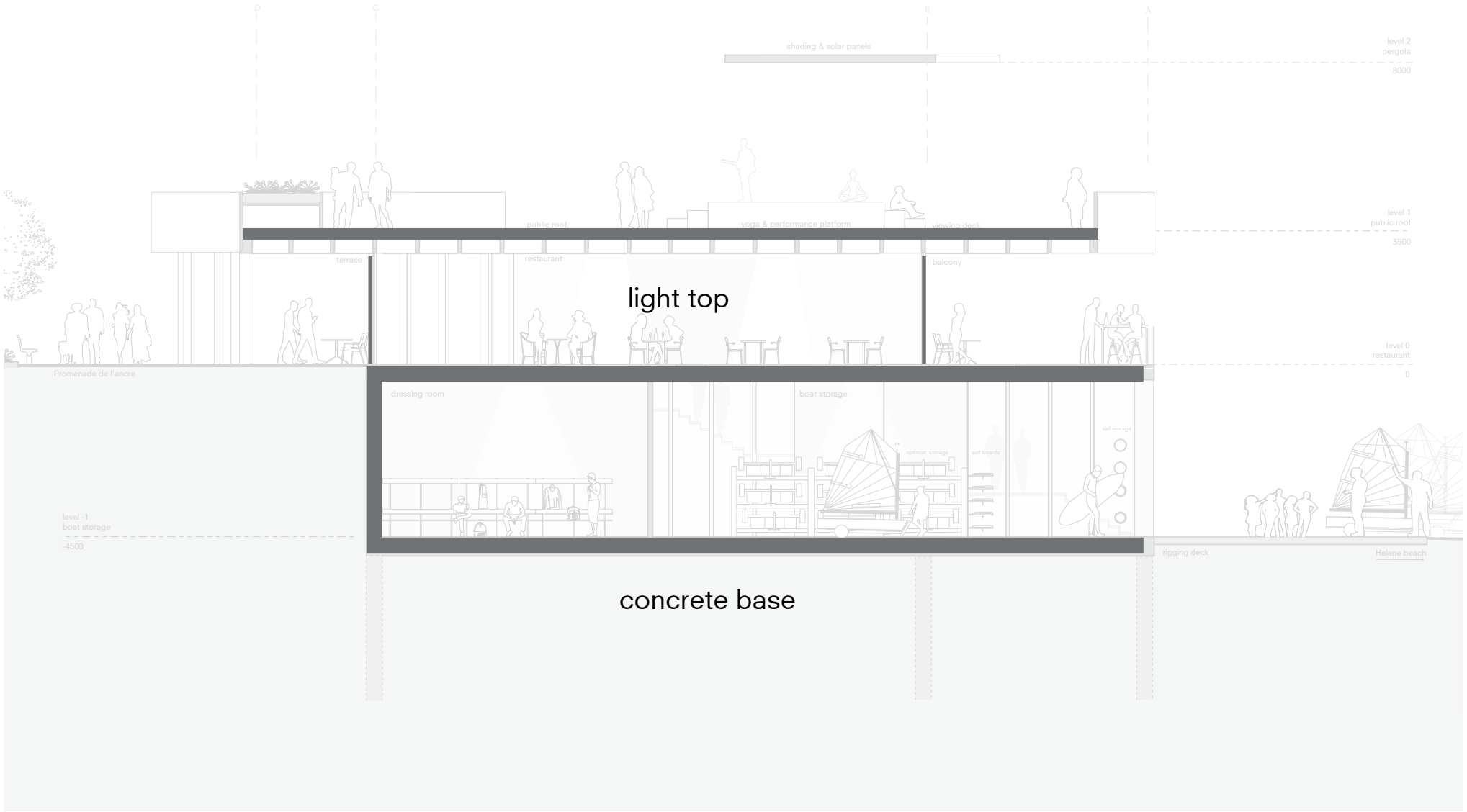
restaurant
0
Promenade de l'ancre
dressing room
boat storage
optimist storage
surf boards
sail storage
beach
level -1
boat storage
-4500
rigging deck
Helene beach
boat storage

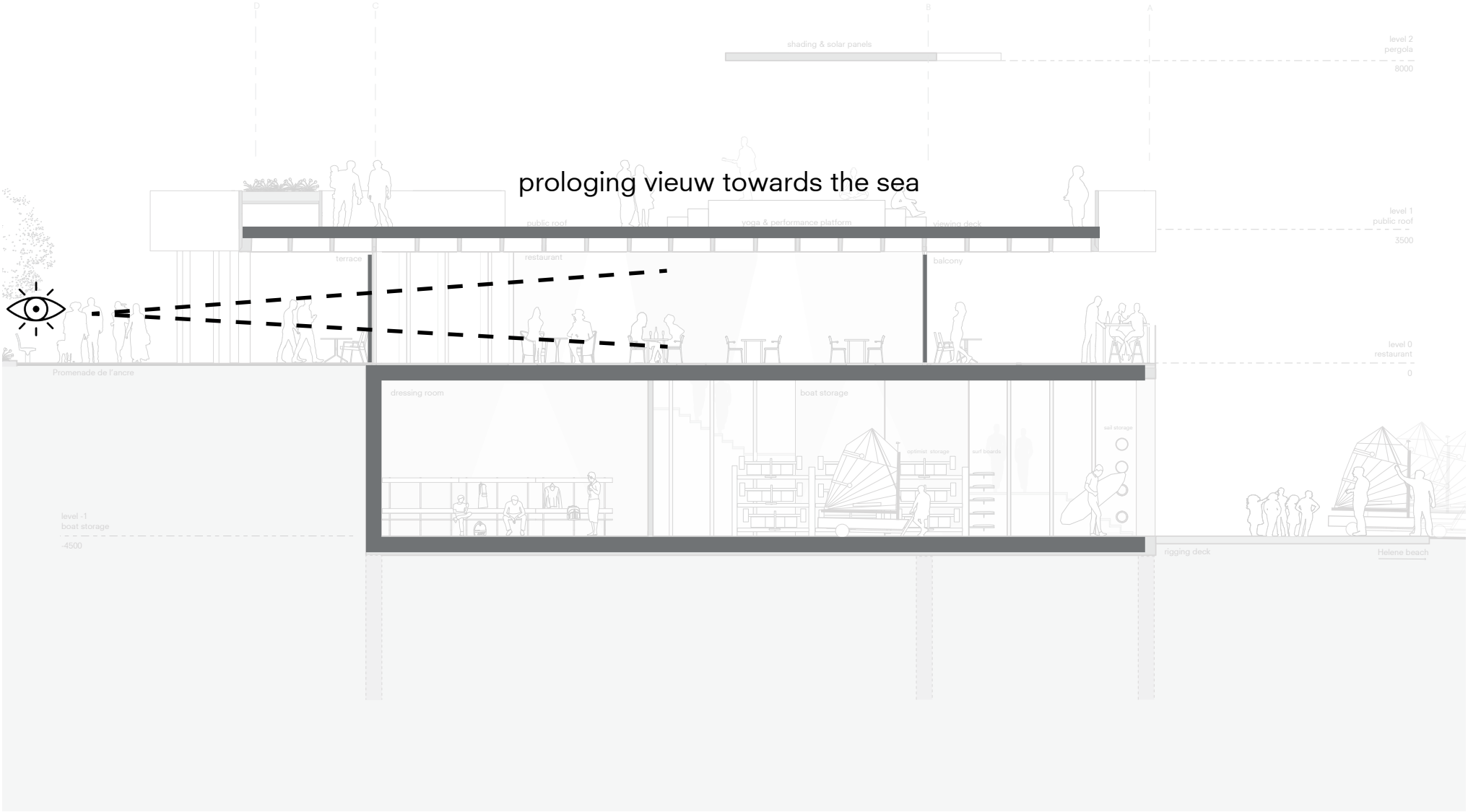

D
C
B
A
shading & solar panels
level 2
pergola
8000
restaurant
public roof
yoga & performance platform
viewing deck
level 1
public roof
3500
terrace
restaurant
balcony
promonade
balcony
level 0
restaurant
0
Promenade de l'ancre
dressing room
boat storage
optimist storage
surf boards
sail storage
level -1
boat storage
-4500
rigging deck
Helene beach


D
C
B
A
shading & solar panels
level 2
pergola
8000
public roof
yoga & performance platform
viewing deck
level 1
public roof
3500
terrace
restaurant
balcony
level 0
restaurant
0
Promenade de l'ancre
dressing room
boat storage
optimist storage
surf boards
sail storage
level -1
boat storage
-4500
rigging deck
Helene beach

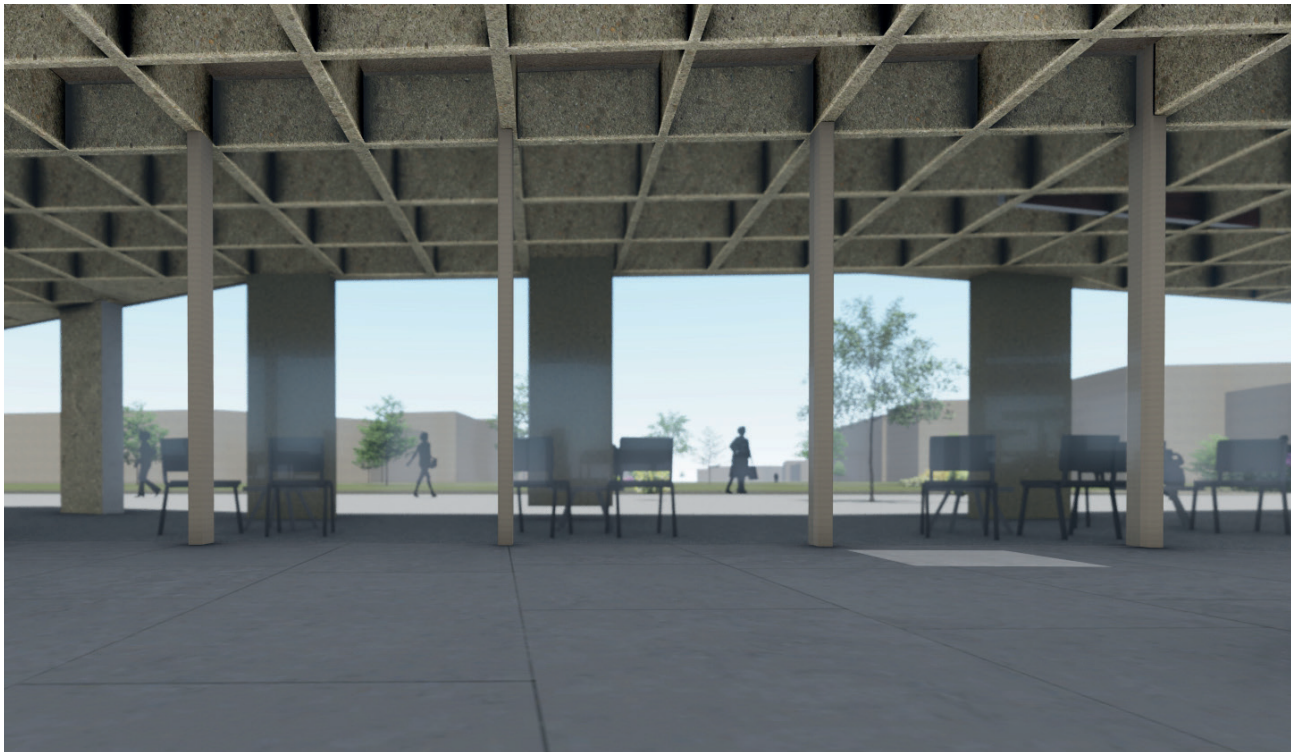


concrete base


D
C
B
A
shading & solar panels
level 2
pergola
8000
public roof
yoga & performance platform
viewing deck
level 1
public roof
3500
terrace
restaurant
balcony
light top
Promenade de l'ancre
level 0
restaurant
0
dressing room
boat storage
optimist storage
surf boards
sail storage
level -1
boat storage
-4500
rigging deck
Helene beach
concrete base


D
C
B
A
shading & solar panels
level 2
pergola
8000
prologing vieuw towards the sea
public roof
yoga & performance platform
viewing deck
level 1
public roof
3500
terrace
restaurant
balcony
level 0
restaurant
0
Promenade de l'ancre
dressing room
boat storage
optimist storage
surf boards
sail storage
level -1
boat storage
-4500
rigging deck
Helene beach

concrete construction



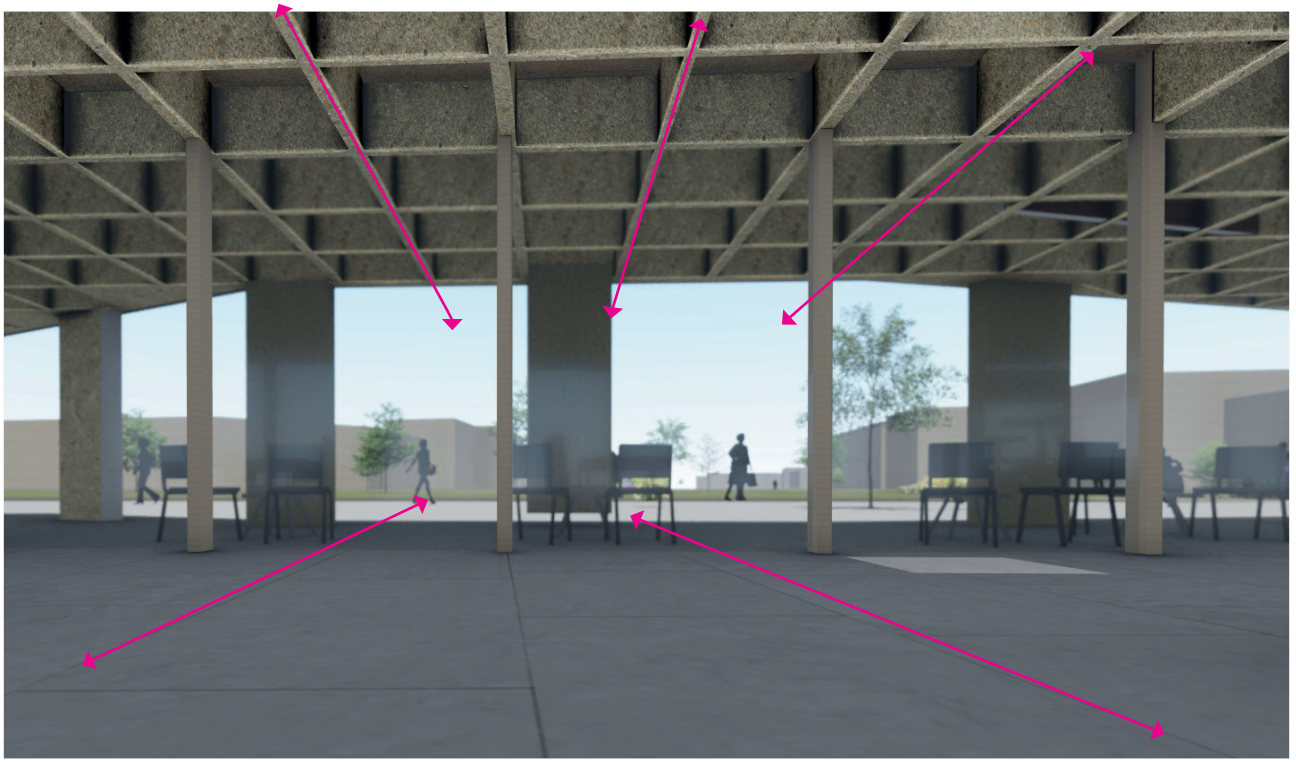
concrete pilars 200x100

outside

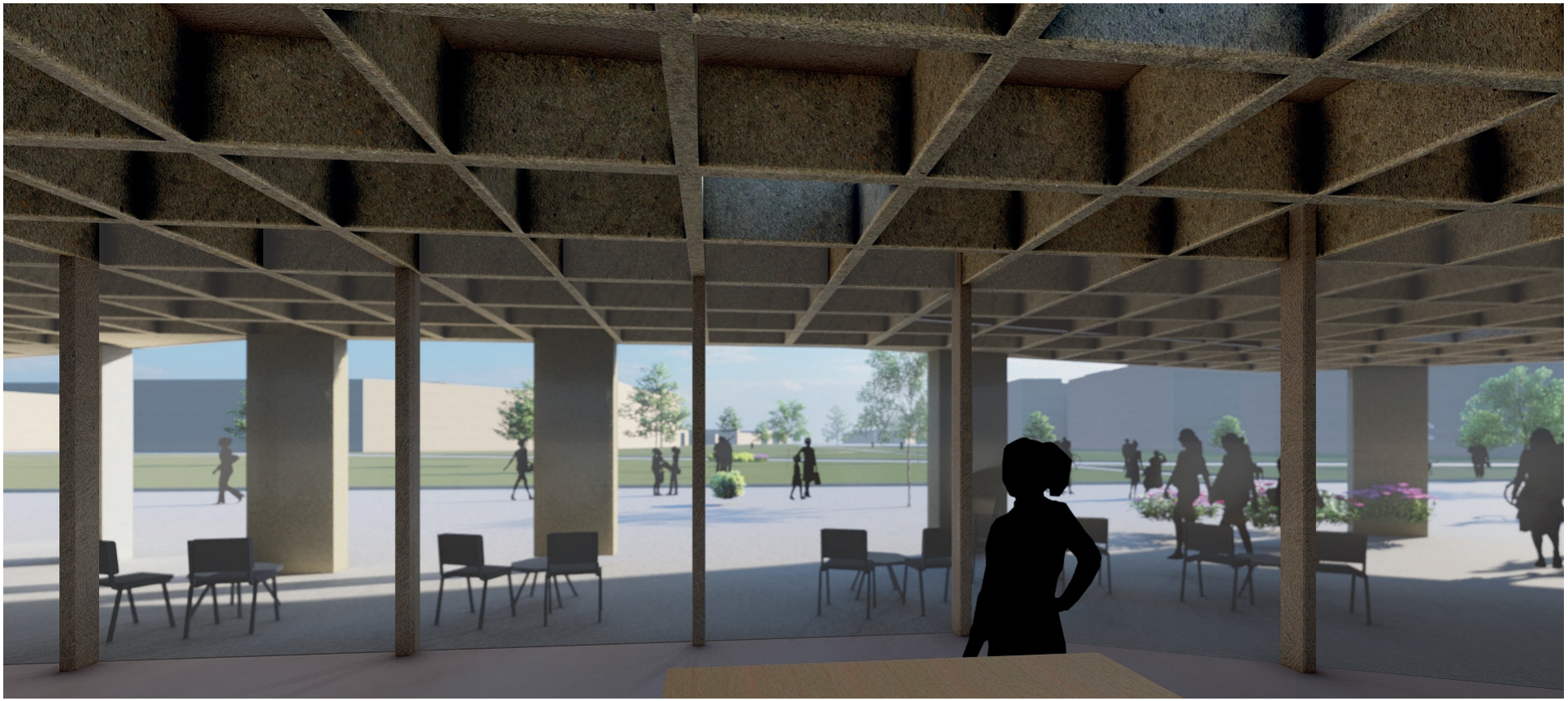


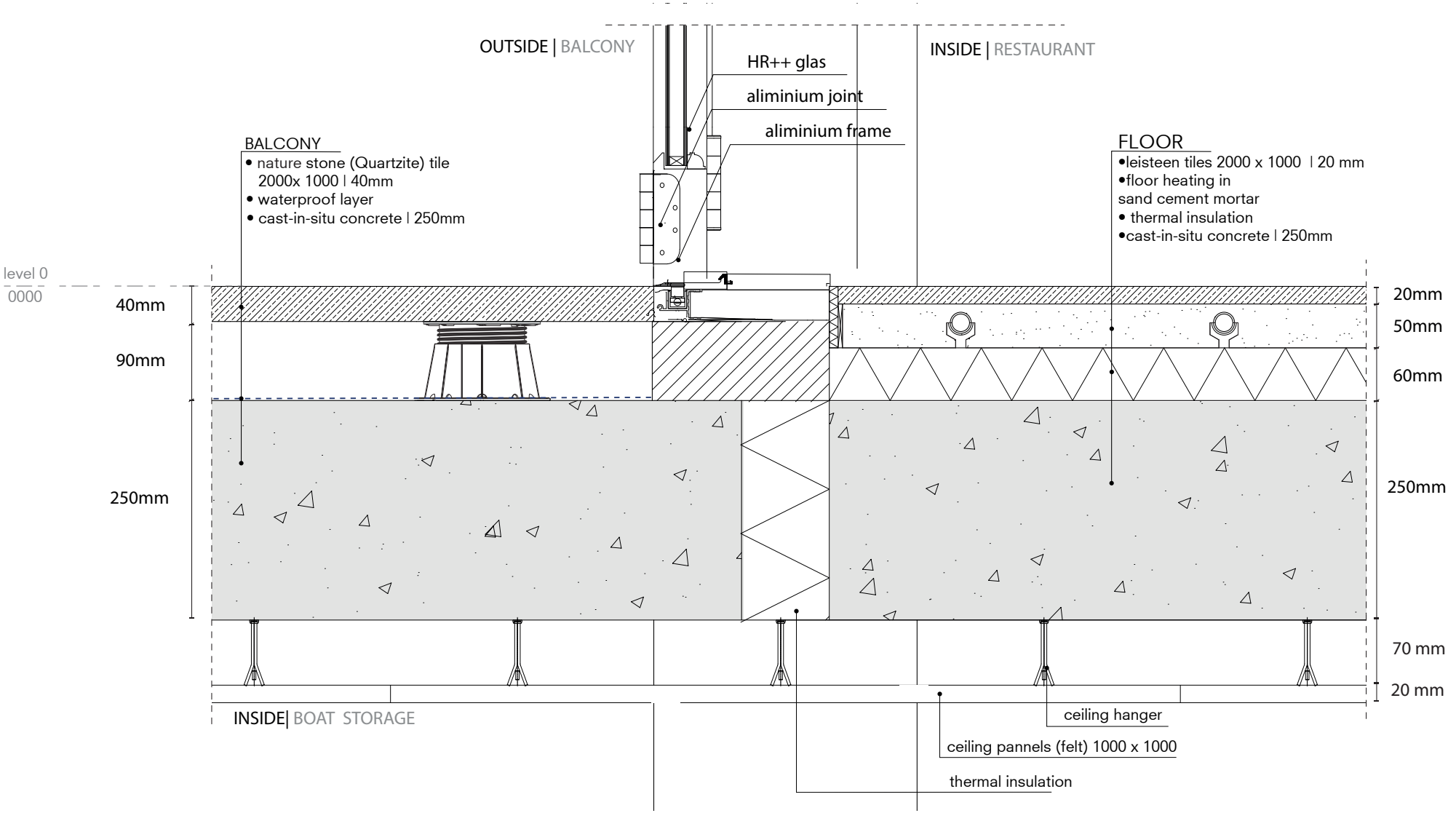
inside

waffel slab roof



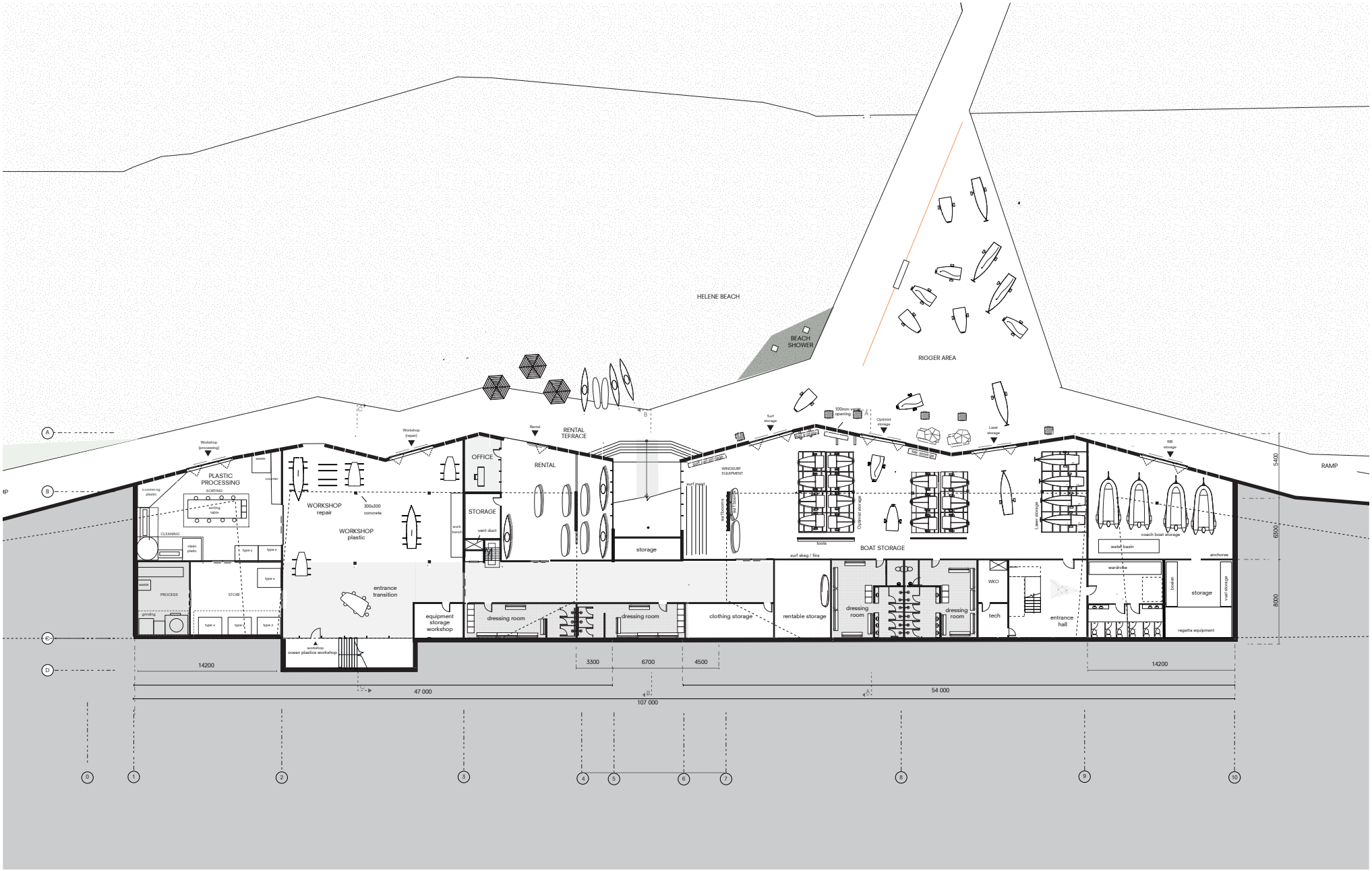
leistone tiles 2000 x 1000



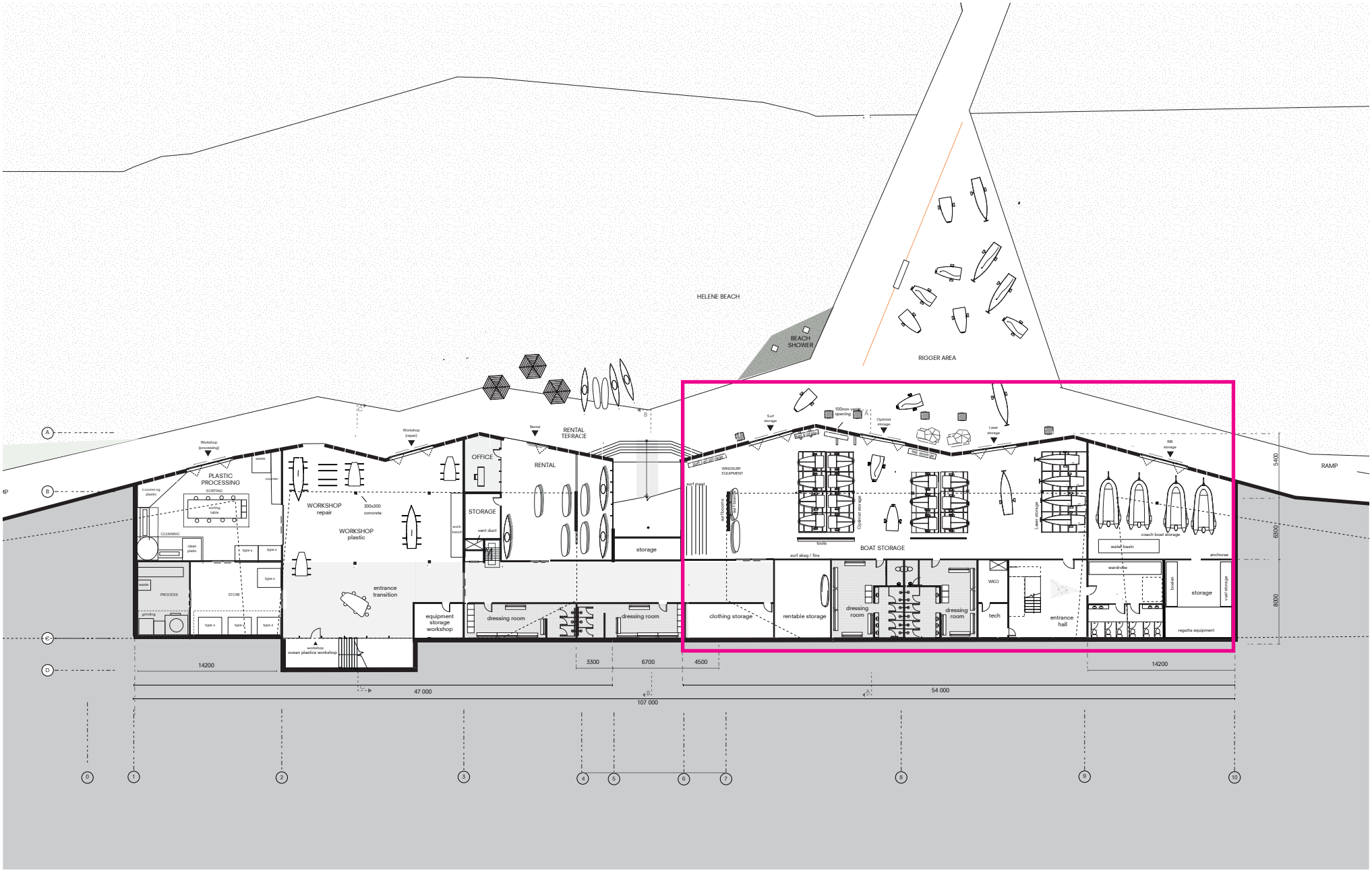

OUTSIDE | BALCONY
INSIDE | RESTAURANT
HR++ glas
aliminium joint
aliminium frame
BALCONY
• nature stone (Quartzite) tile
2000x 1000 I 40mm
• waterproof layer
• cast-in-situ concrete I 250mm
FLOOR
•leisteen tiles 2000 x 1000 I 20 mm
•floor heating in
sand cement mortar
• thermal insulation
•cast-in-situ concrete I 250mm
level 0
0000
40mm
90mm
250mm
20mm
50mm
60mm
250mm
70 mm
20 mm
INSIDE| BOAT STORAGE
ceiling hanger
ceiling pannels (felt) 1000 x 1000
thermal insulation



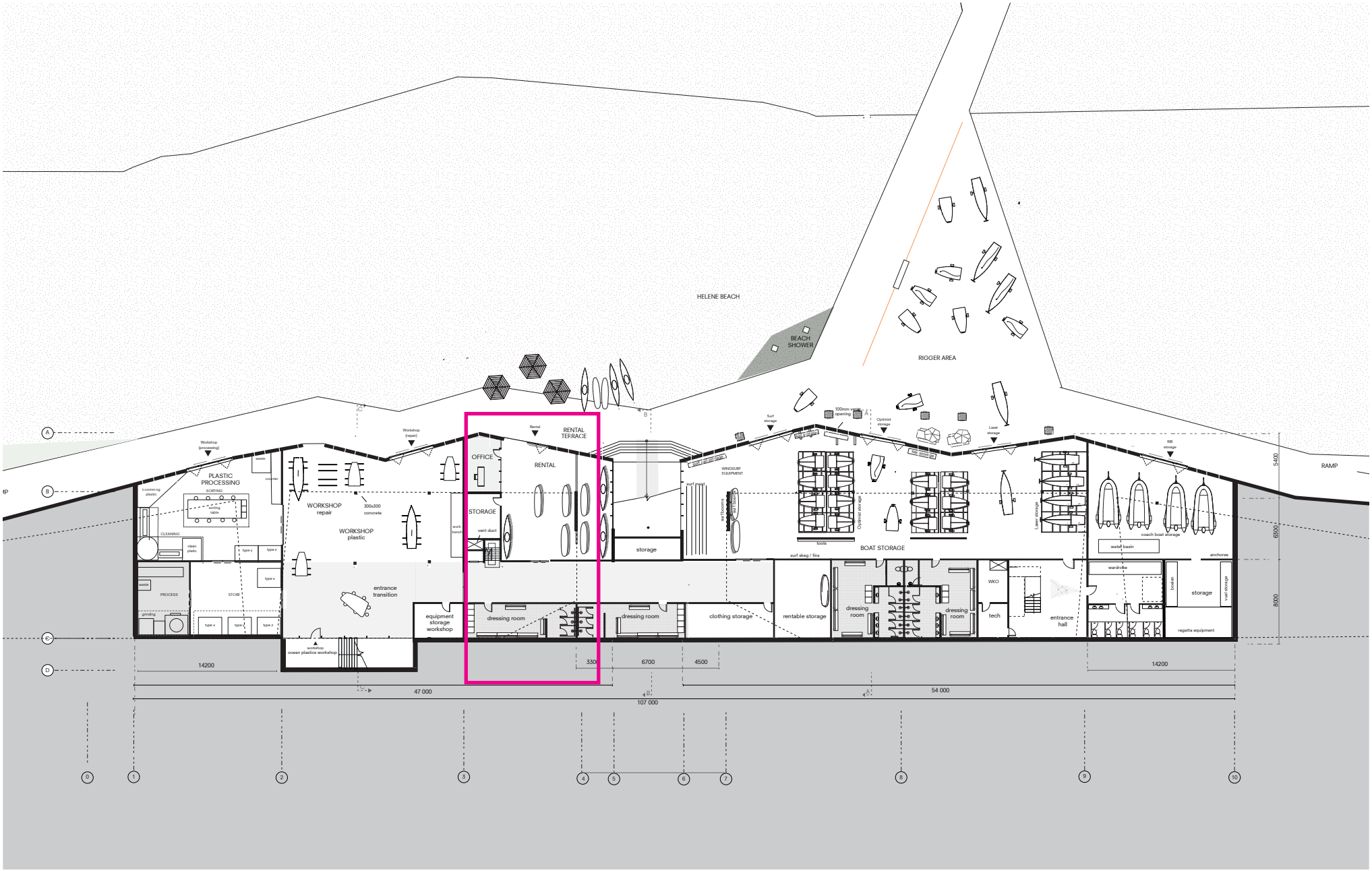
LEVEL -1 BEACH | -4500



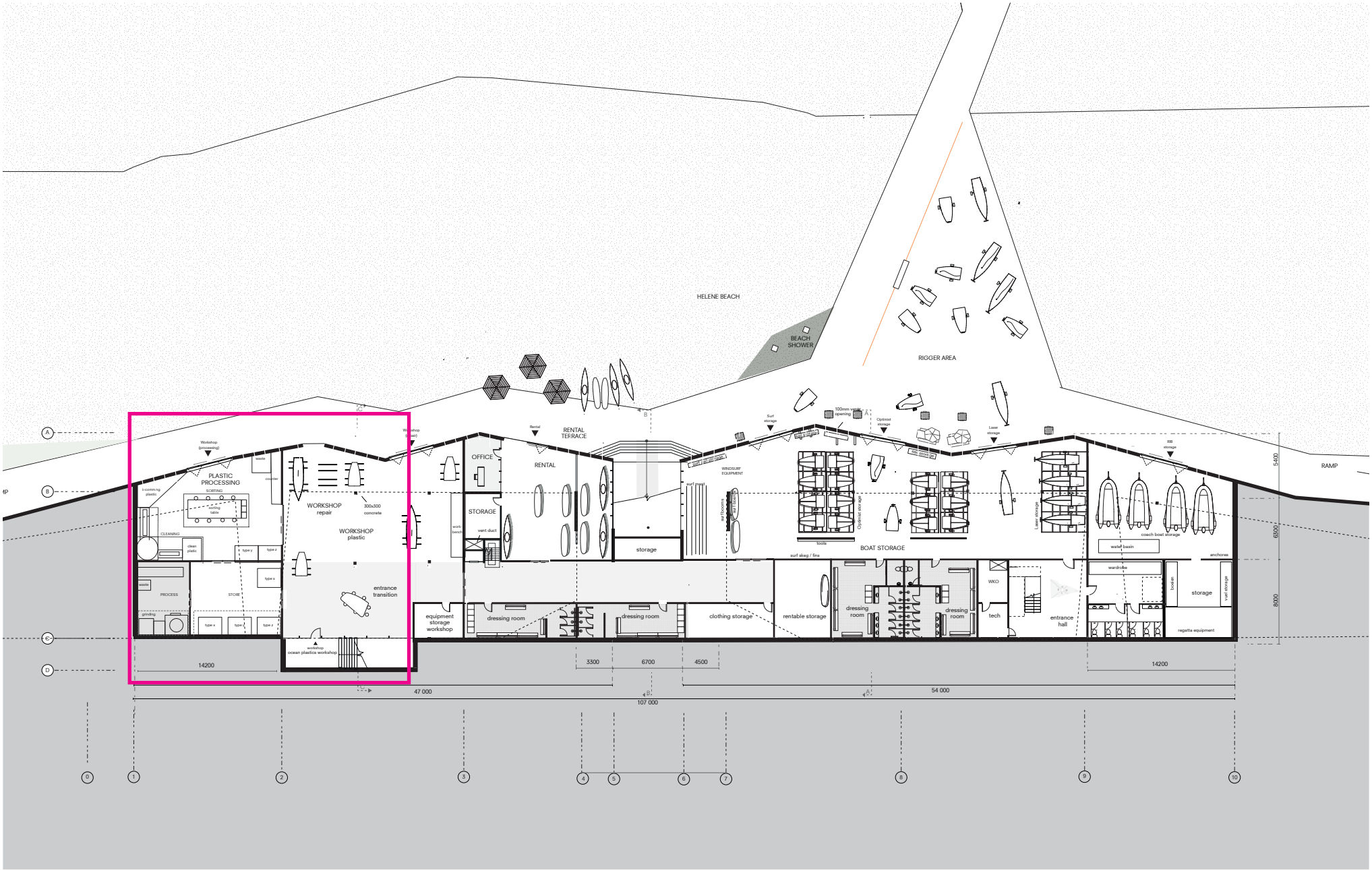
BOAT STORAGE



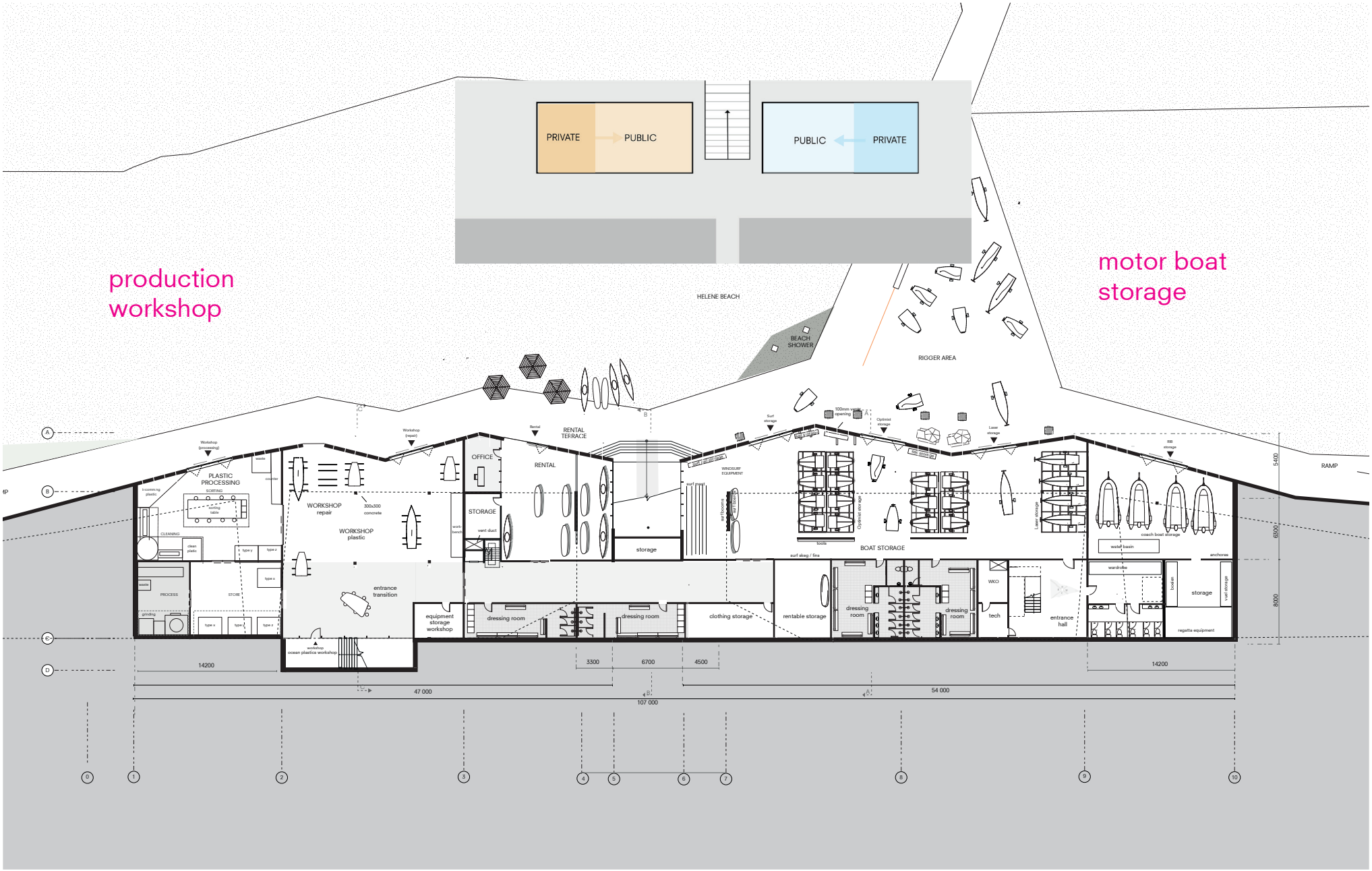
RENTAL


HELENE BEACH
BEACH SHOWER
RIGGER AREA
RAMP
PLASTIC PROCESSING
WORKSHOP repair
WORKSHOP plastic
OFFICE
STORAGE
RENTAL
RENTAL TERRACE
storage
BOAT STORAGE
entrance transition
equipment storage workshop
dressing room
dressing room
clothing storage
rentable storage
dressing room
dressing room
tech
entrance hall
storage
14200
47 000
107 000
54 000
14200
330
6700
4500
5400
6300
8000

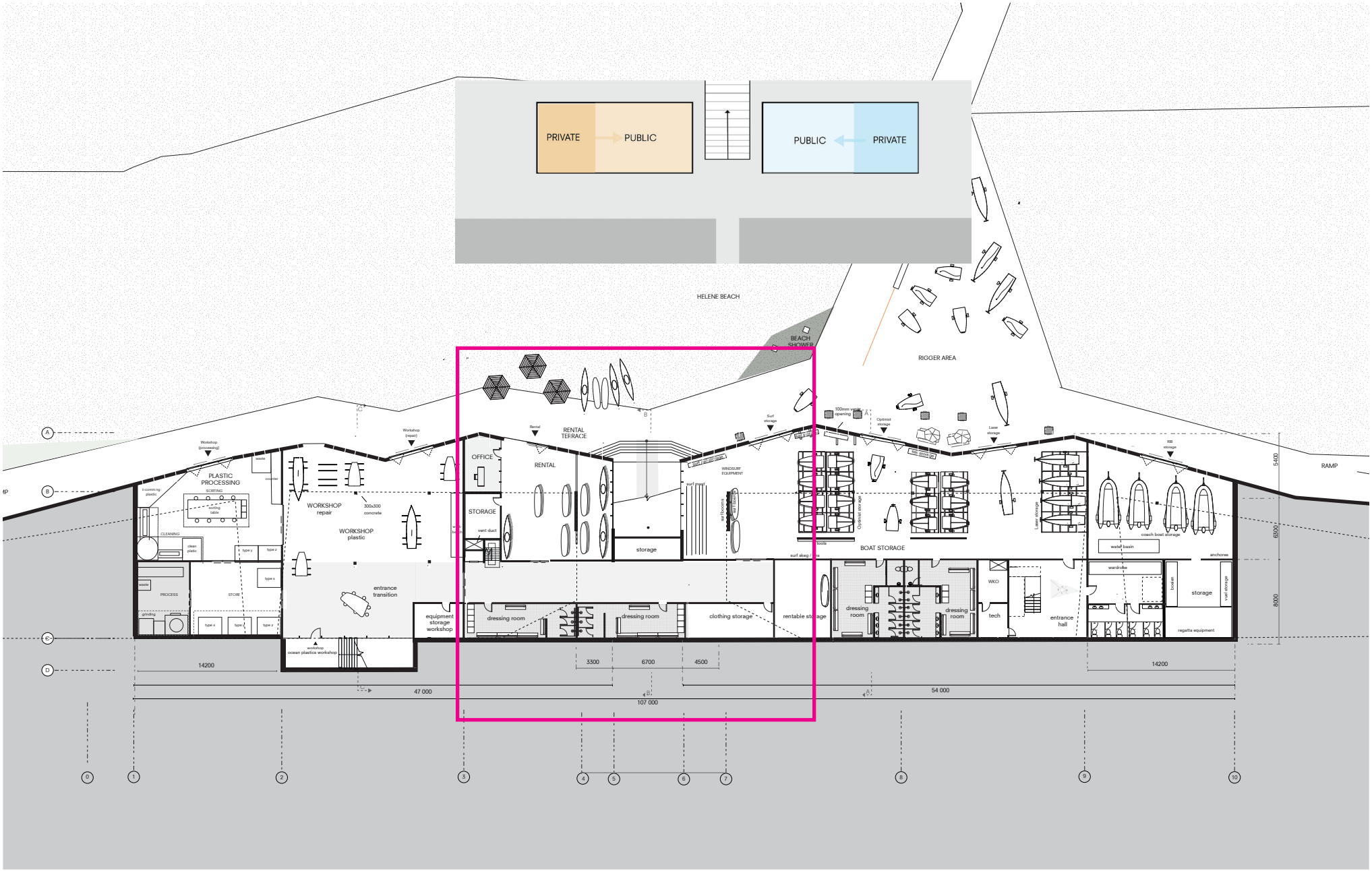
WORKSHOP

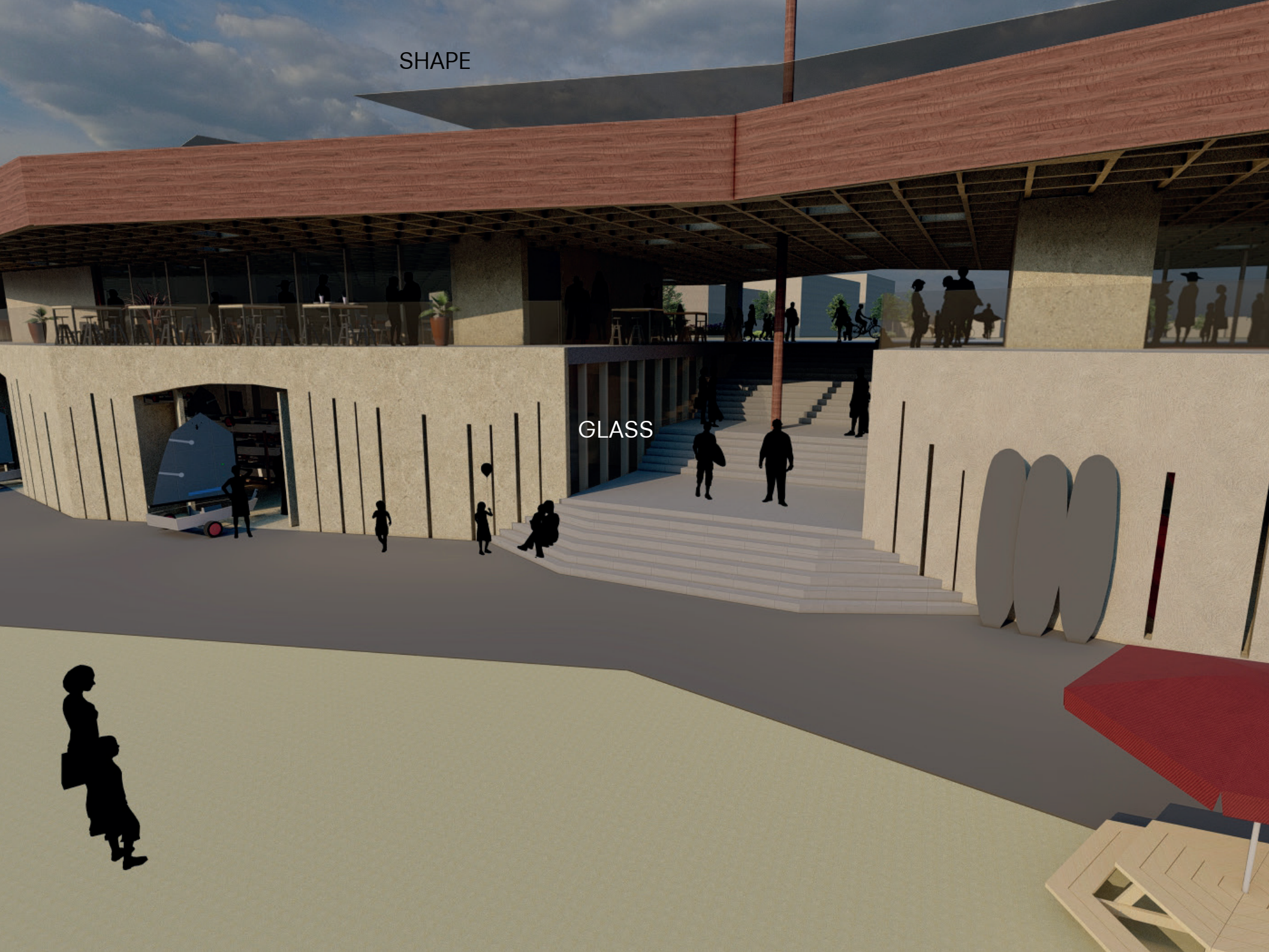

HELENE BEACH
BEACH SHOWER
RIGGER AREA
RAMP
PLASTIC PROCESSING
WORKSHOP repair
WORKSHOP plastic
entrance transition
OFFICE
STORAGE
RENTAL
RENTAL TERRACE
storage
BOAT STORAGE
equipment storage workshop
dressing room
dressing room
clothing storage
rentable storage
dressing room
dressing room
tech
entrance hall
storage
14200
3300
6700
4500
14200
47 000
54 000
107 000
5400
6300
8000

PUBLIC AND PRIVATE



PUBLIC AND PRIVATE

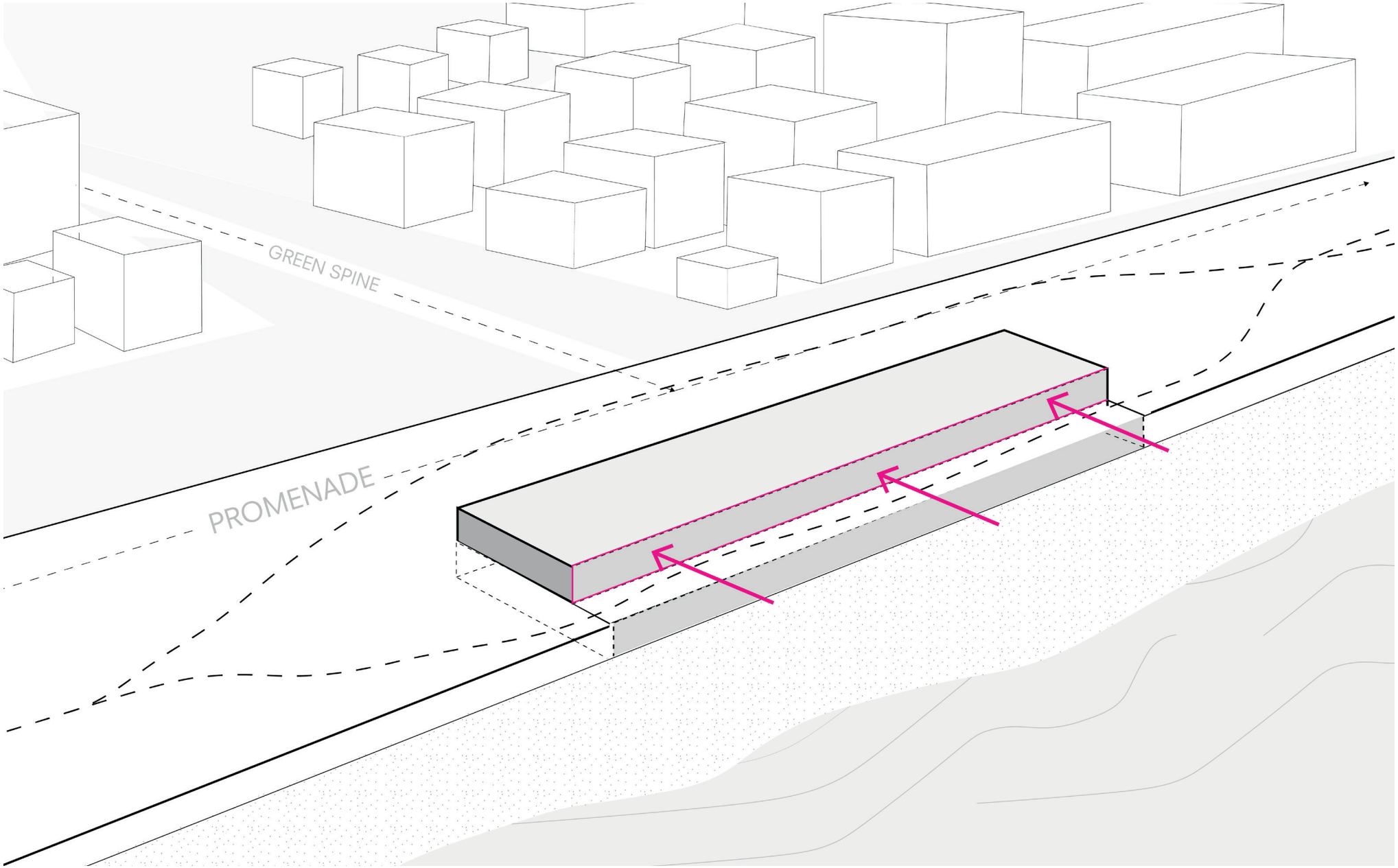


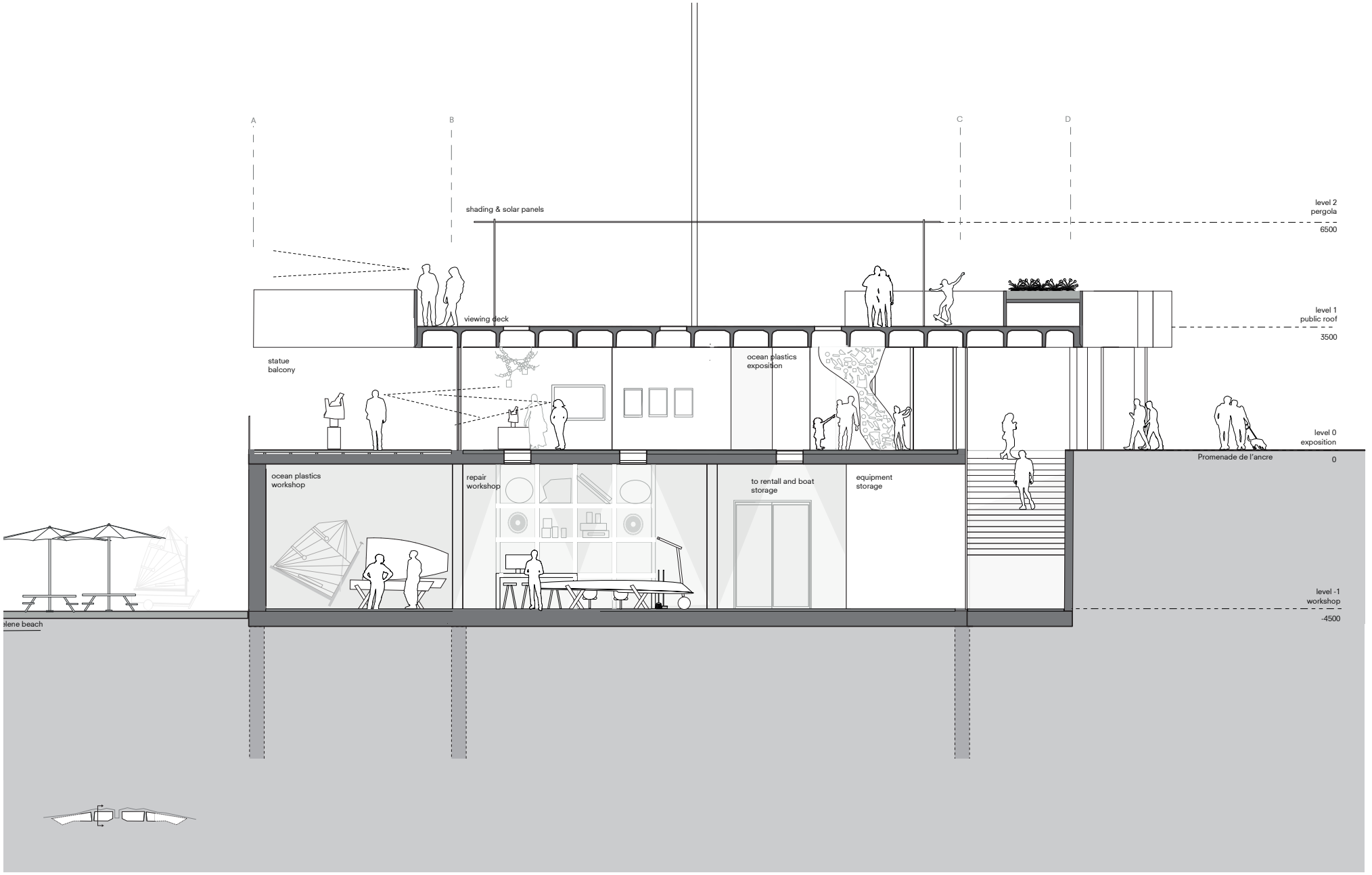

SHAPE
GLASS

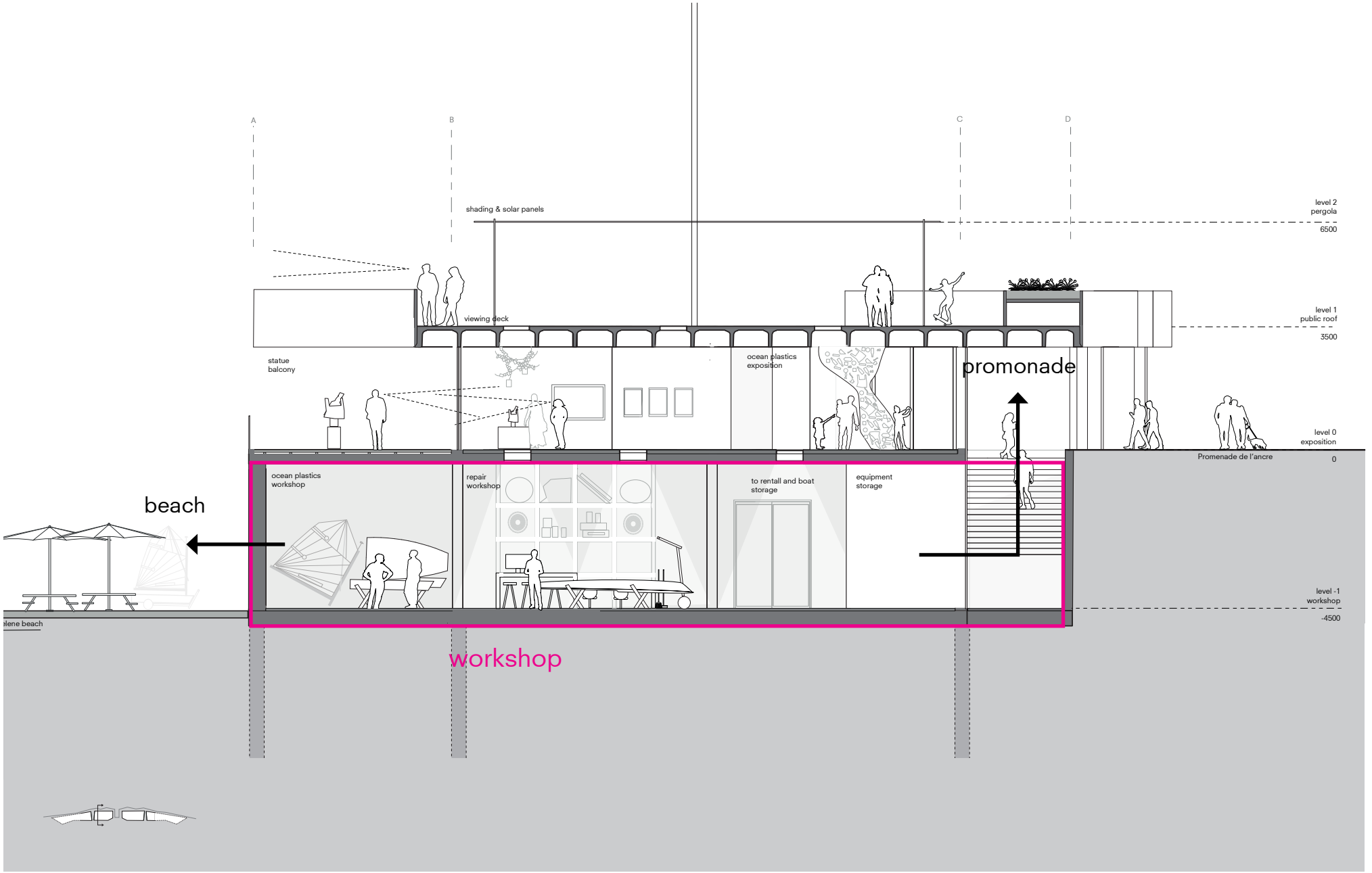


process

PUSH BACK



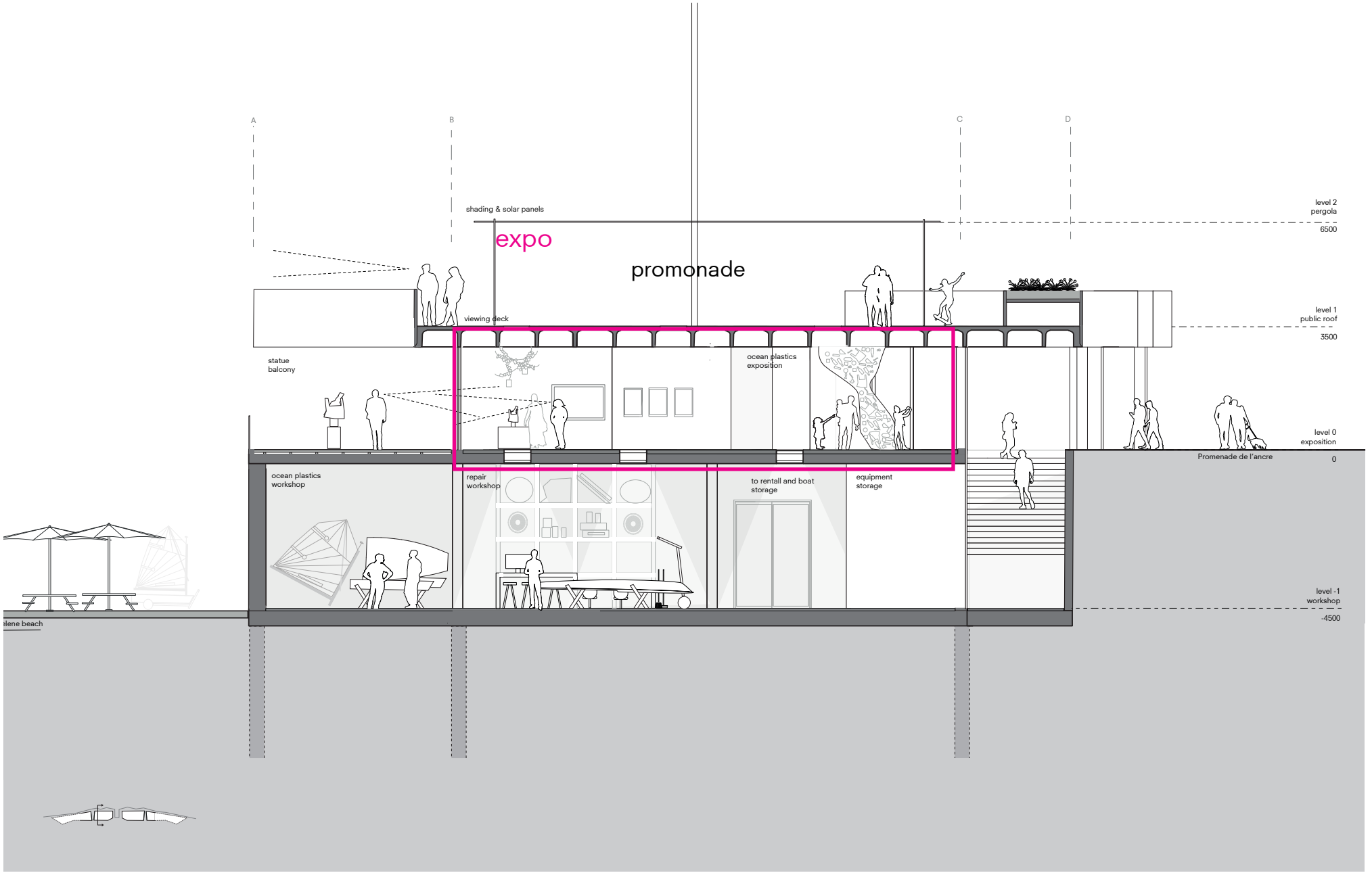

A
B
C
D
shading & solar panels
level 2
pergola
6500
viewing deck
level 1
public roof
3500
statue
balcony
ocean plastics
exposition
level 0
exposition
Promenade de l'ancre
0
ocean plastics
workshop
repair
workshop
to rentall and boat
storage
equipment
storage
level -1
workshop
-4500
elene beach


A
B
C
D
shading & solar panels
level 2
pergola
6500
viewing deck
level 1
public roof
3500
statue
balcony
ocean plastics
exposition
promonade
level 0
exposition
0
Promenade de l'ancre
ocean plastics
workshop
repair
workshop
to rentall and boat
storage
equipment
storage
beach
level -1
workshop
-4500
workshop

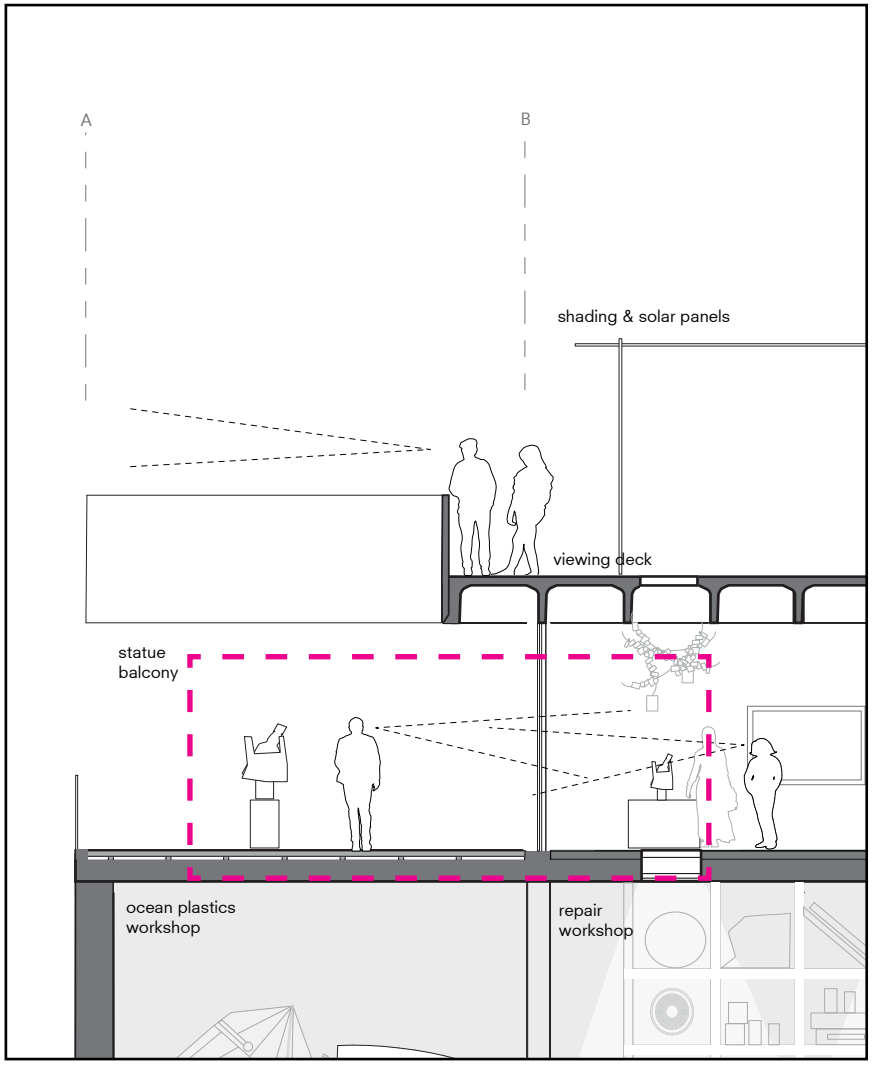
WORKSHOP

make people curious -> learn about recycling

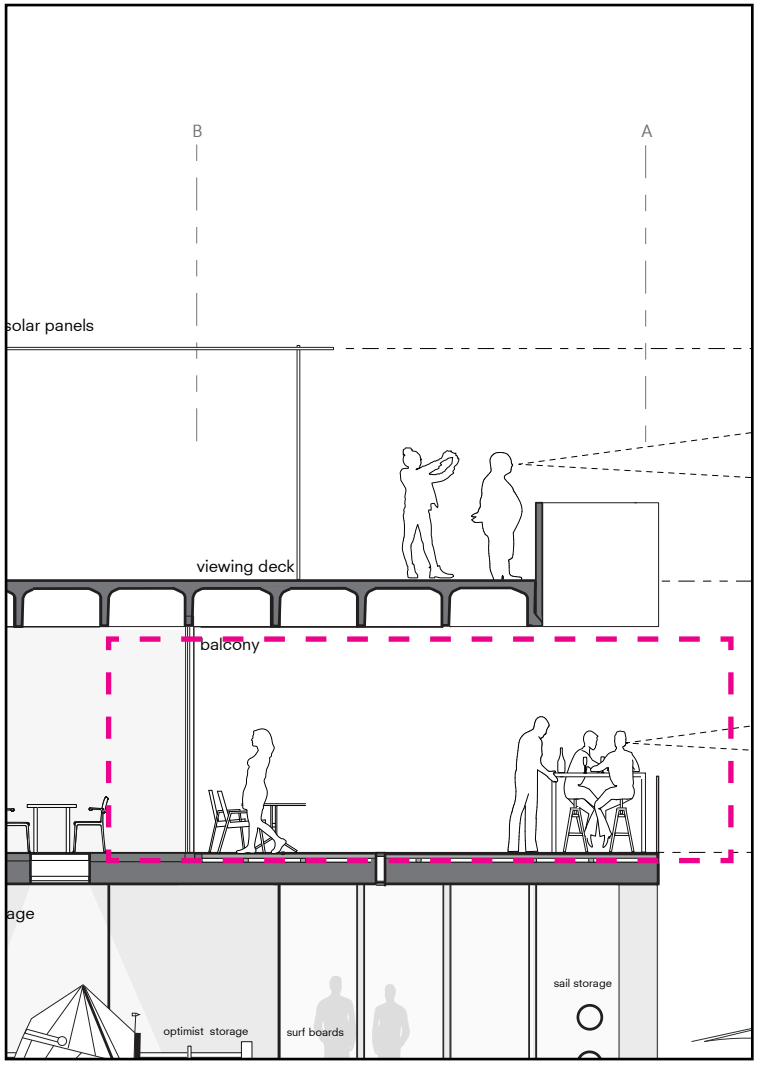



A
B
C
D
shading & solar panels
expo
promonade
level 2
pergola
6500
viewing deck
level 1
public roof
3500
statue
balcony
ocean plastics
exposition
level 0
exposition
0
Promenade de l'ancre
ocean plastics
workshop
repair
workshop
to rentall and boat
storage
equipment
storage
level -1
workshop
-4500
elene beach

BALCONY



statue balcony



restaurant `sea sight` balcony

BALCONIES

in connection with each other

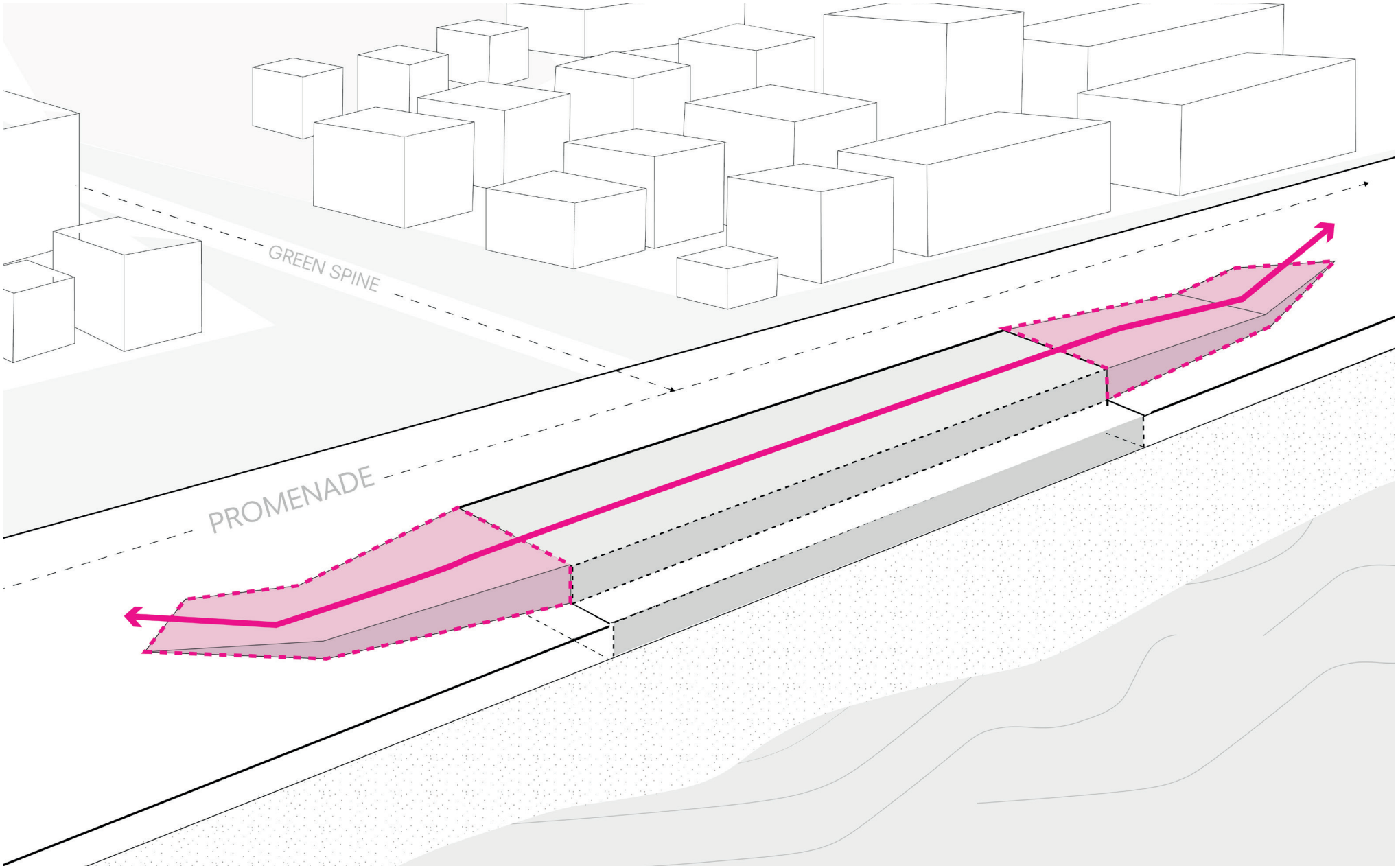


INSIDE - OUTSIDE

in connection with water

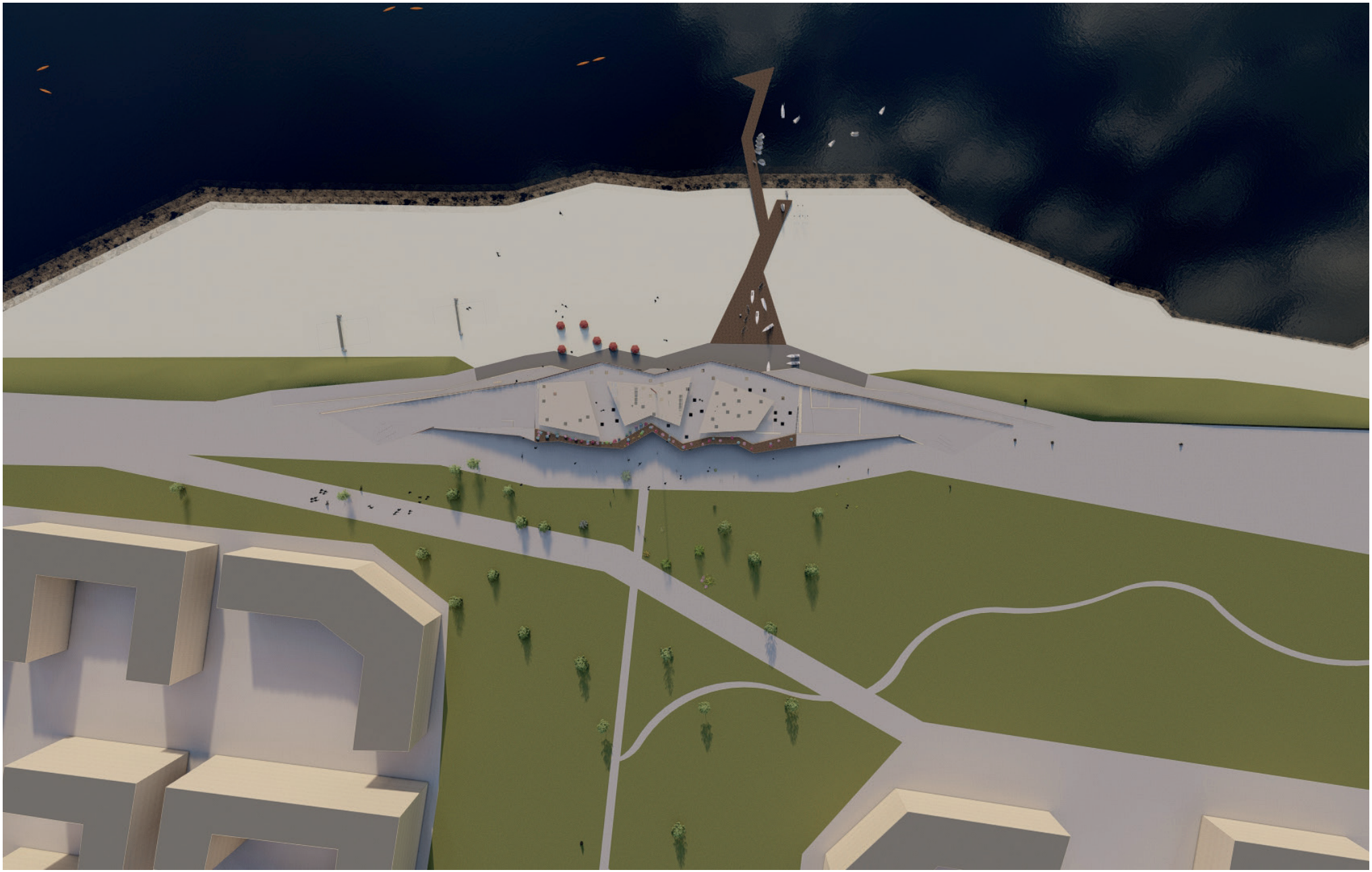


WALKABLE ROOF



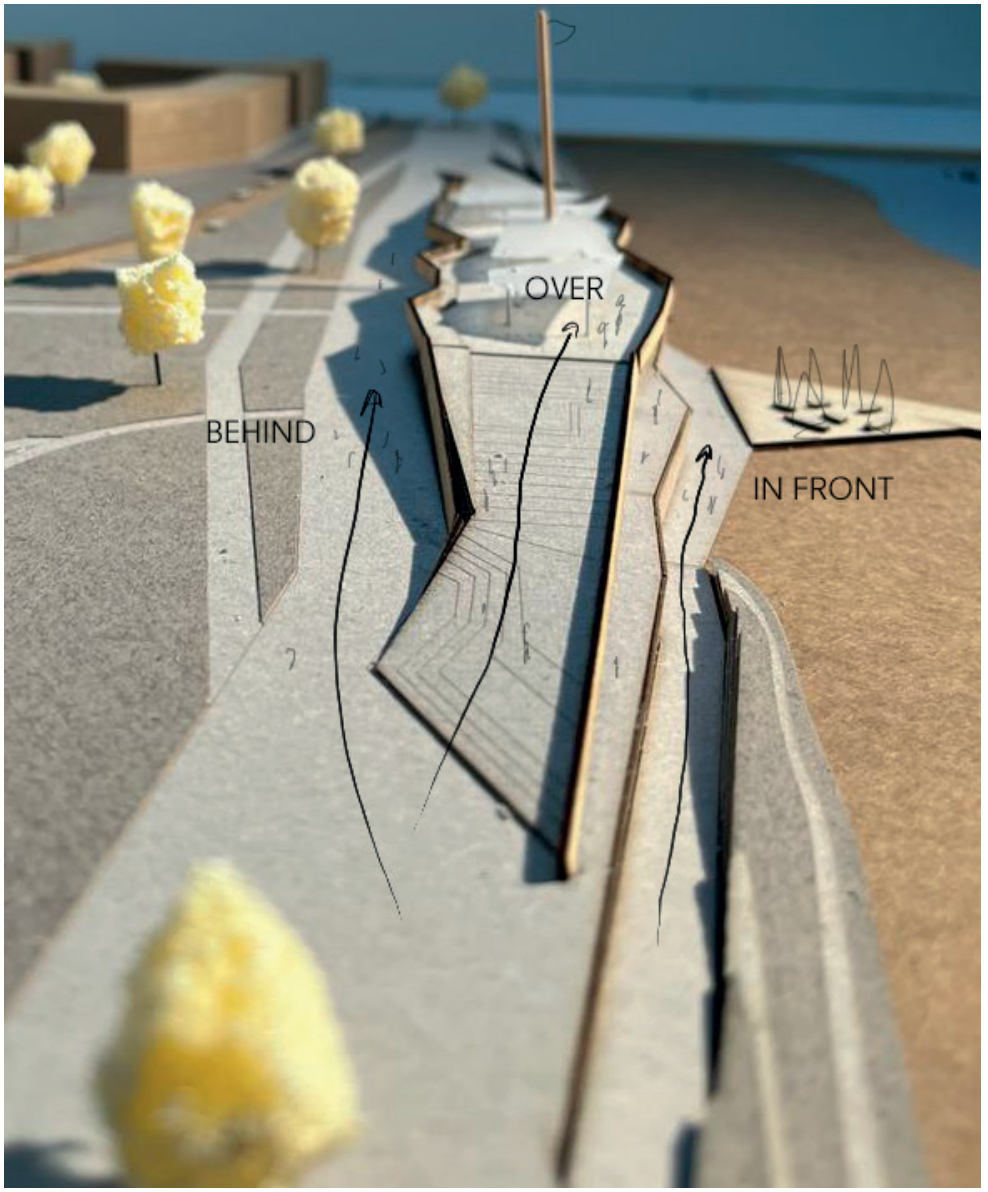

mooring buoys*
dingy pontoon **
Lifeguard
Lifeguard
launching pontoon
beach volleyball courts
Helene beach
Rigging deck
Helene beach East
Transition hill
shading
pannels
Promenade de l'ancre
Sea sight road
Busstop
Skatepark
Tell Taill Lane
Rudder Street
Bow Street
Green Spine
Beirut Studio
complex
projects
Watersports shop

ROOF



ROOF




OVER
BEHIND
IN FRONT

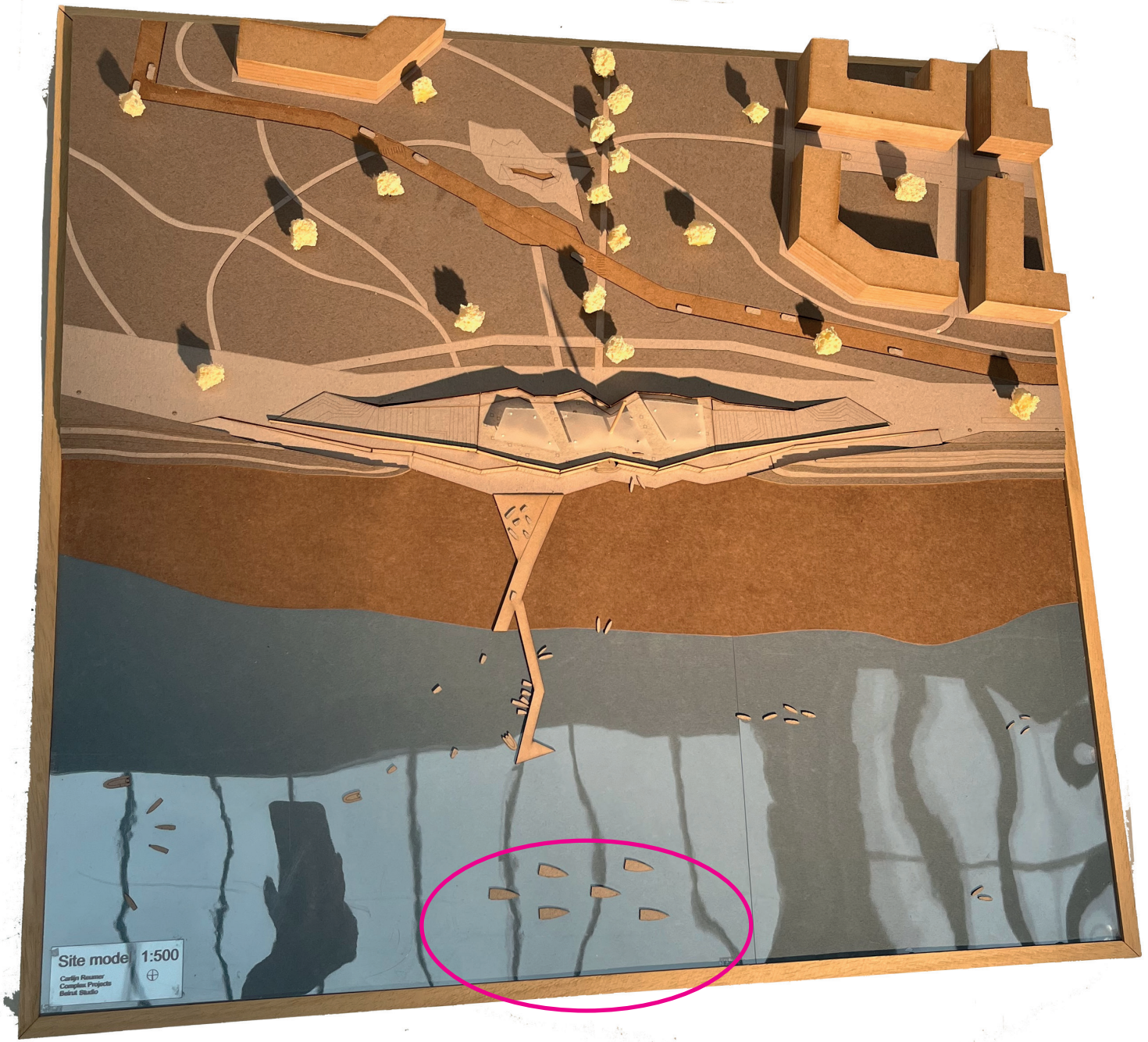
roof

SHADING



WATER VIEUW




Site model 1:500
Carlijn Reumer
Complex Projects
Beirut Studio

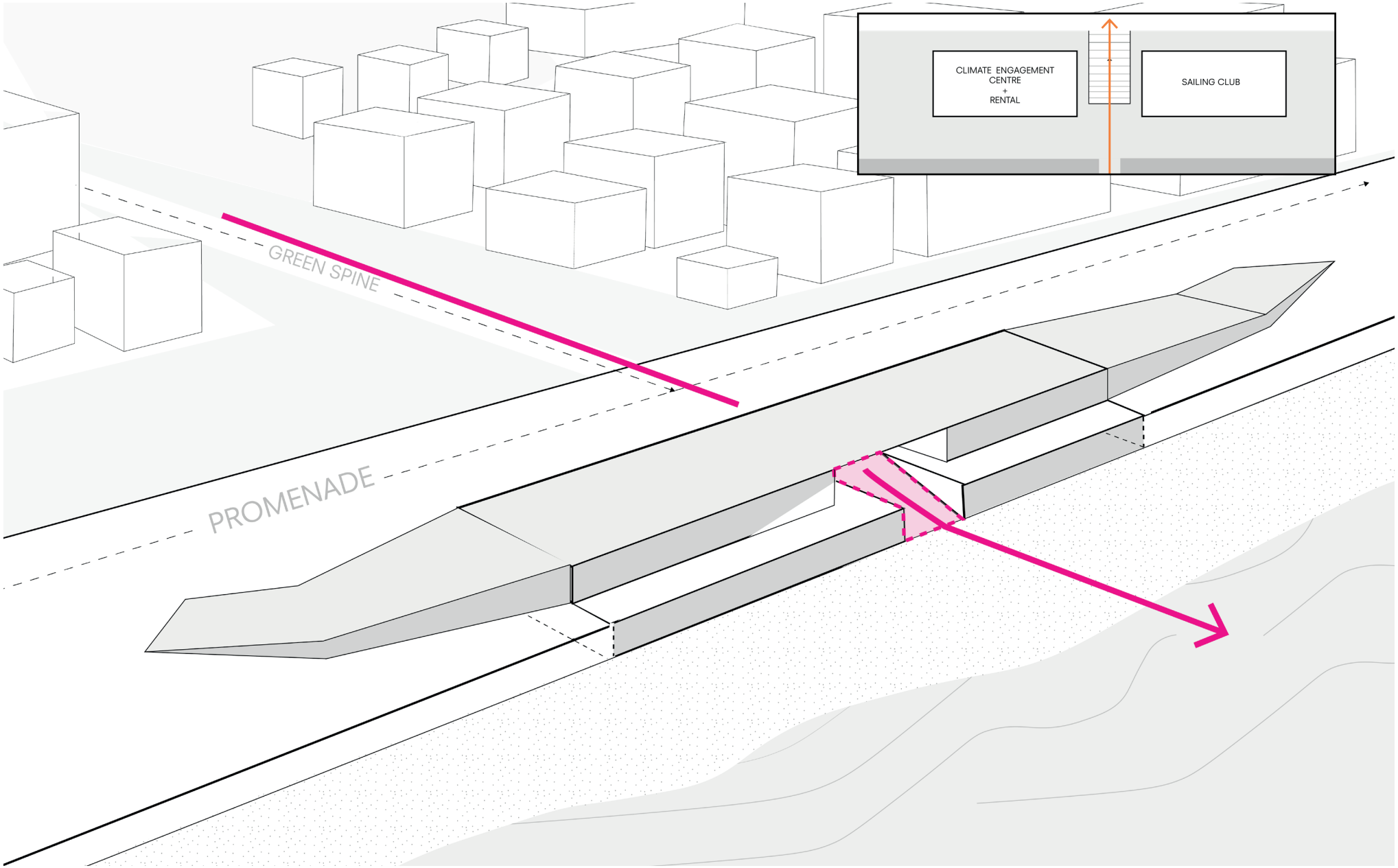


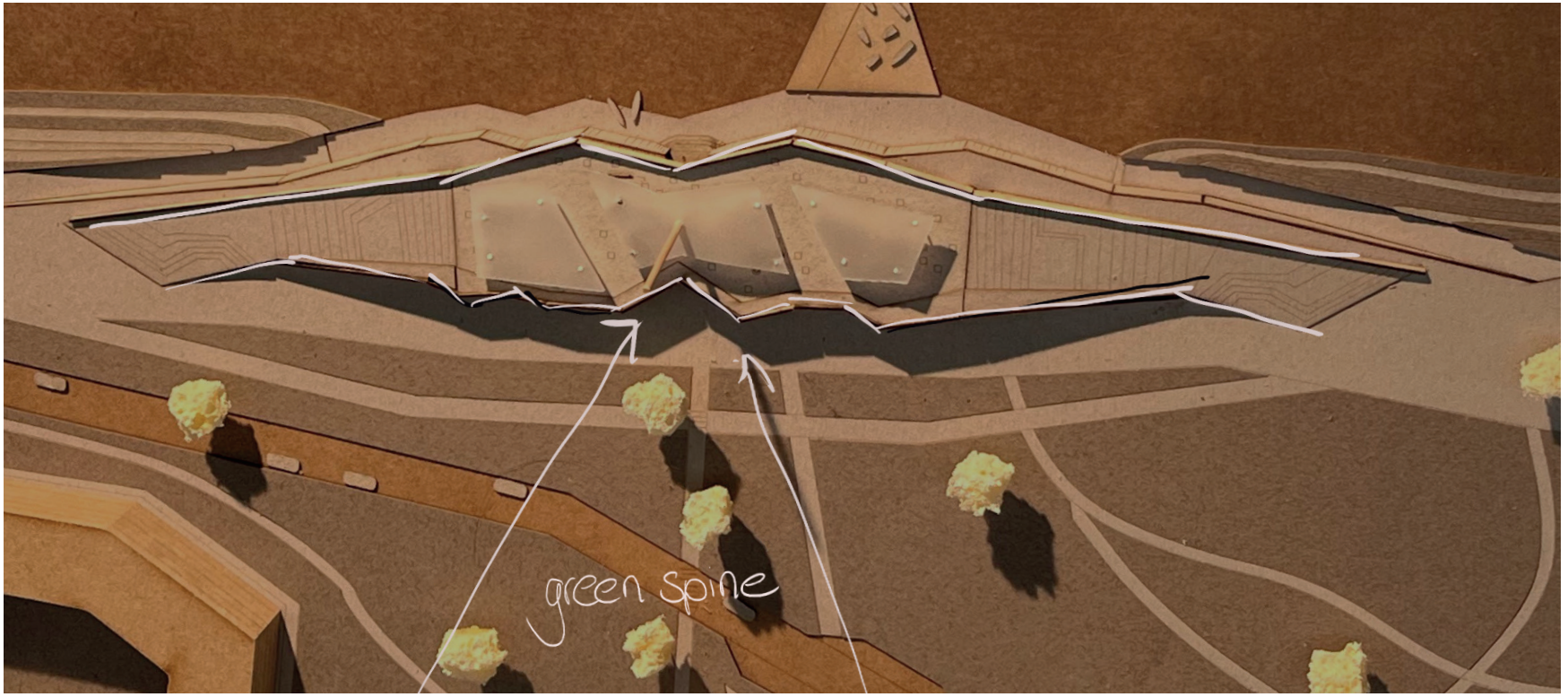
PARK VIEUW



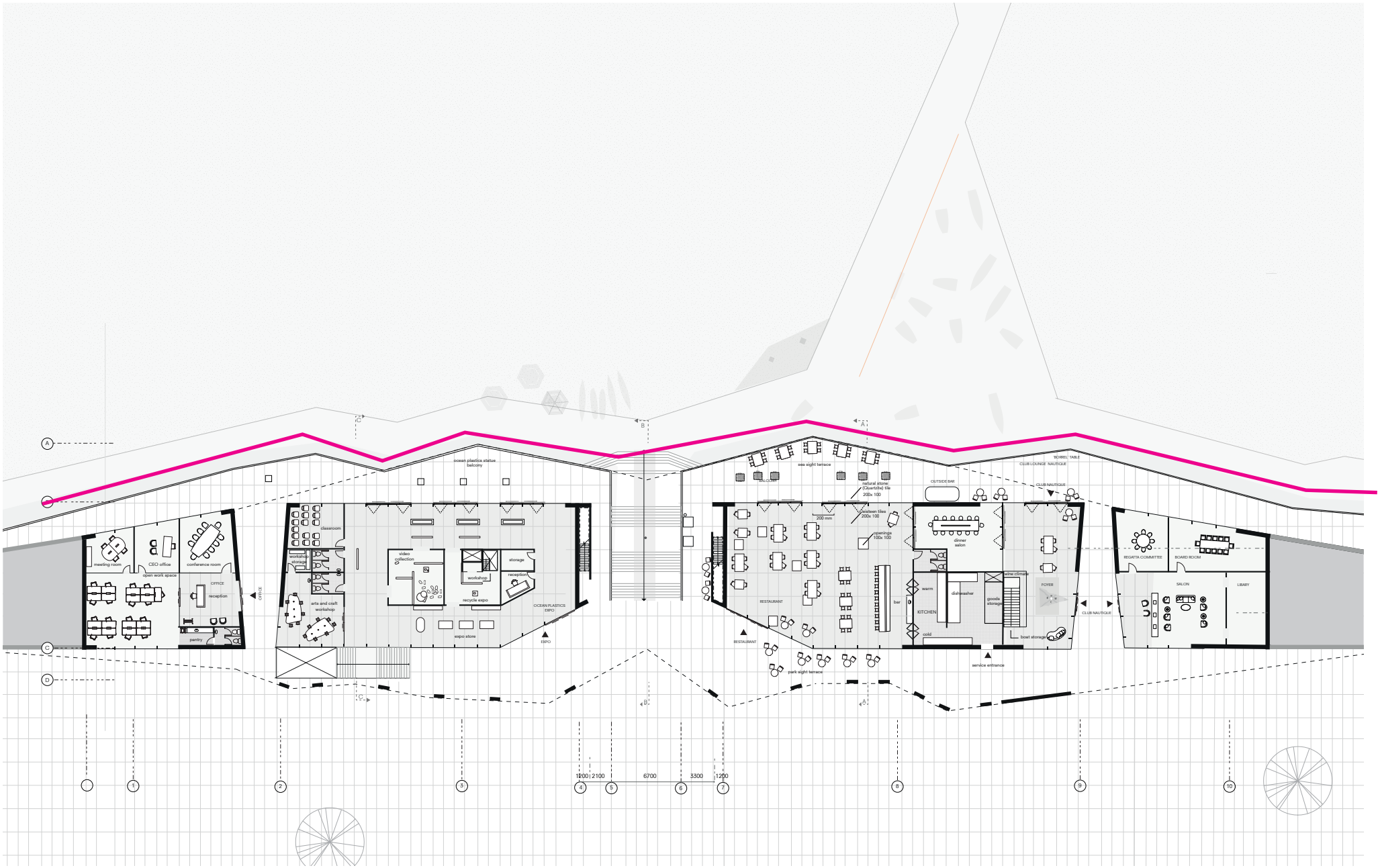
process

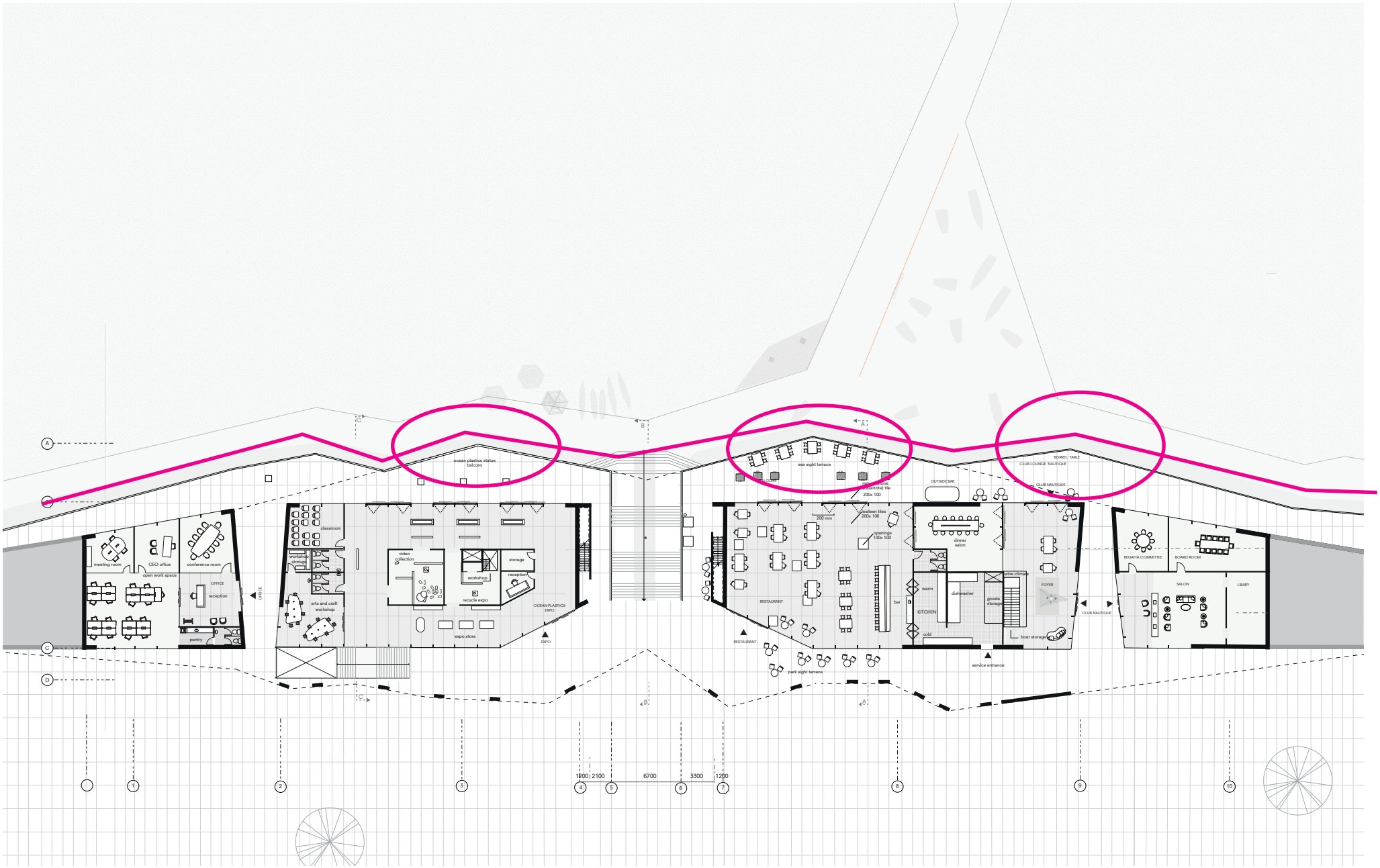
OPEN IN VOLUME




green spine



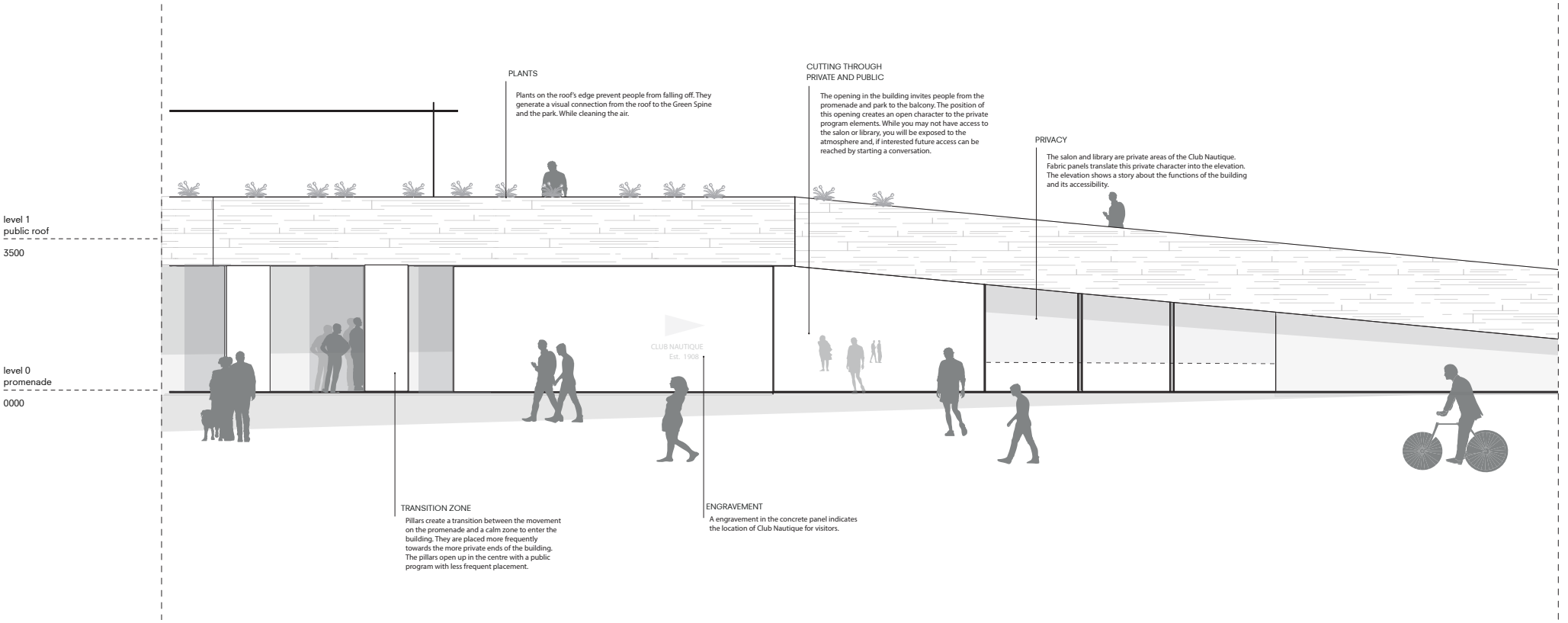

ocean plastics statue
balcony
meeting room
CEO office
open work space
conference room
OFFICE
reception
pantry
OFFICE
classroom
workshop storage
arts and craft workshop
video collection
storage
workshop
reception
recycle expo
expo store
OCEAN PLASTICS EXPO
EXPO
BALCONY
sea sight terrace
natural stone (Quartzite) tile 200x 100
OUTSIDE BAR
CLUB LOUNGE NAUTIQUE
BOWEL TABLE
CLUB NAUTIQUE
200 mm
porcelain tiles 200x 100
openings 100x 100
dinner salon
RESTAURANT
bar
KITCHEN
warm
dishwasher
goods storage
wine climate
cold
FOYER
boat storage
CLUB NAUTIQUE
RESTAURANT
park sight terrace
service entrance
REGATTA COMMITTEE
BOARD ROOM
SALON
LIBARY
1200
2100
6700
3300
1200

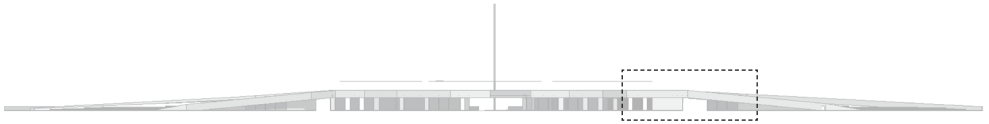


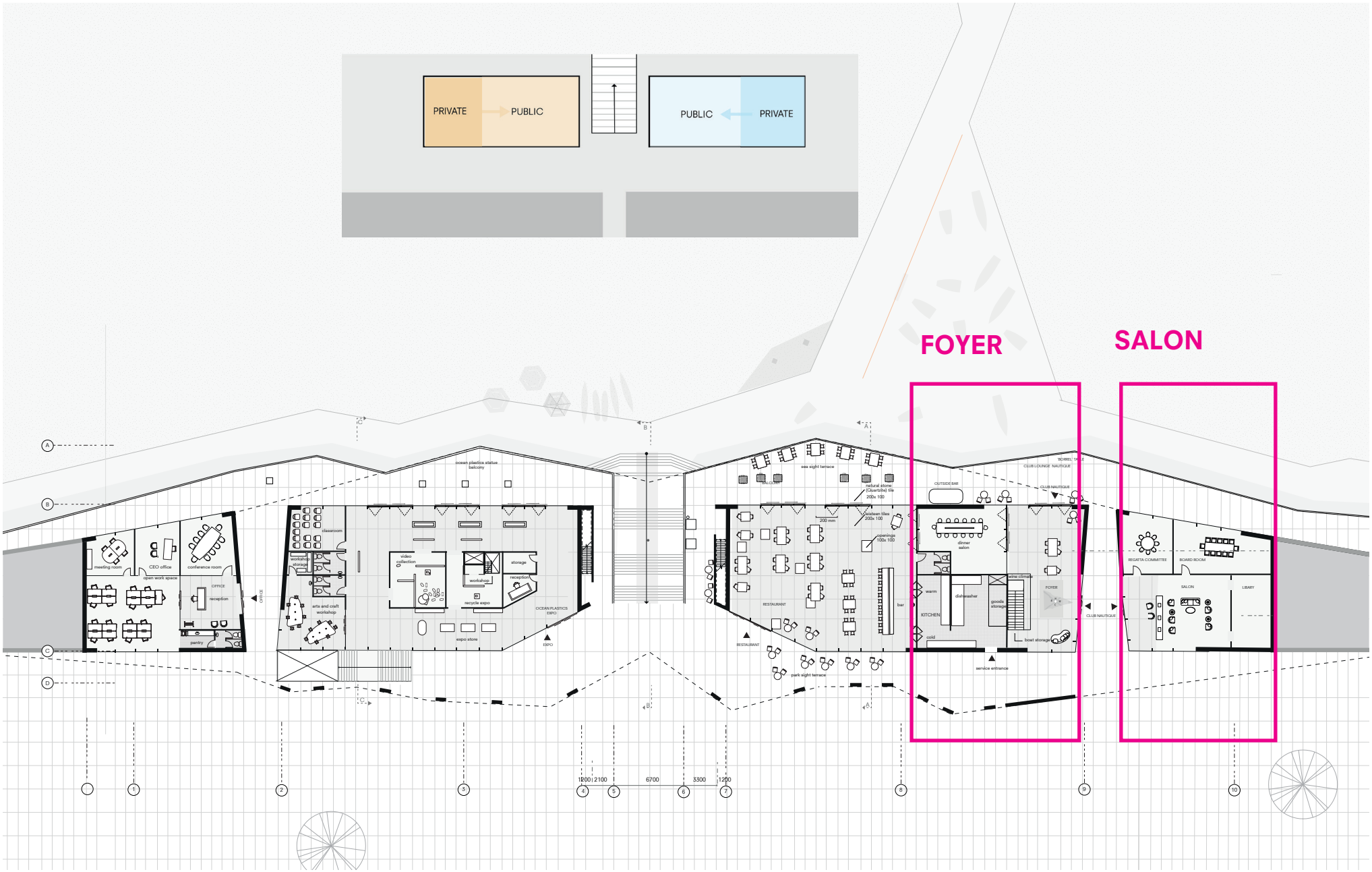
meeting room
CEO office
conference room
open work space
OFFICE
reception
pantry
classroom
workshop storage
arts and craft workshop
video collection
storage
workshop
reception
recycle expo
expo store
OCEAN PLASTICS EXPO
EXPO
ocean plastics statue balcony
sea sight terrace
OUTSIDE BAR
CLUB LOUNGE NAUTIQUE
CLUB NAUTIQUE
RESTAURANT
bar
warm
KITCHEN
dishwasher
goods storage
wine climate
cold
dinner salon
FOYER
boat storage
service entrance
park sight terrace
REGATTA COMMITTEE
BOARD ROOM
SALON
LIBARY
1200
2100
6700
3300
1200

Site model 1:500
Canlin Reumer
Complex Projects
Beirut Studio


ocean plastics statue
balcony
meeting room
CEO office
open work space
conference room
OFFICE
reception
pantry
classroom
workshop storage
arts and craft workshop
video collection
storage
workshop
reception
recycle expo
expo store
OCEAN PLASTICS EXPO
EXPO
sea sight terrace
BALCONY
natural stone (Quartzite) tile 200x 100
OUTSIDE BAR
200 mm
porcelain tiles 200x 100
openings 100x 100
dinner salon
RESTAURANT
bar
KITCHEN
warm
dishwasher
goods storage
wine climate
cold
boat storage
FOYER
CLUB NAUTIQUE
service entrance
park sight terrace
CLUB LOUNGE NAUTIQUE
SCRIBEL TABLE
REGATTA COMMITTEE
BOARD ROOM
SALON
LIBARY
1200
2100
6700
3300
1200


level 1
public roof
3500
level 0
promenade
0000
PLANTS
Plants on the roof's edge prevent people from falling off. They generate a visual connection from the roof to the Green Spine and the park. While cleaning the air.
CUTTING THROUGH PRIVATE AND PUBLIC
The opening in the building invites people from the promenade and park to the balcony. The position of this opening creates an open character to the private program elements. While you may not have access to the salon or library, you will be exposed to the atmosphere and, if interested future access can be reached by starting a conversation.
PRIVACY
The salon and library are private areas of the Club Nautique. Fabric panels translate this private character into the elevation. The elevation shows a story about the functions of the building and its accessibility.
CLUB NAUTIQUE
Est. 1908
TRANSITION ZONE
Pillars create a transition between the movement on the promenade and a calm zone to enter the building. They are placed more frequently towards the more private ends of the building. The pillars open up in the centre with a public program with less frequent placement.
ENGRAVEMENT
A engravement in the concrete panel indicates the location of Club Nautique for visitors.




PRIVATE
PUBLIC
PUBLIC
PRIVATE
FOYER
SALON
meeting room
CEO office
open work space
conference room
reception
pantry
classroom
arts and craft workshop
video collection
workshop
storage
reception
recycle expo
expo store
ocean plastics statue
balcony
OCEAN PLASTICS EXPO
sea sight terrace
RESTAURANT
bar
park sight terrace
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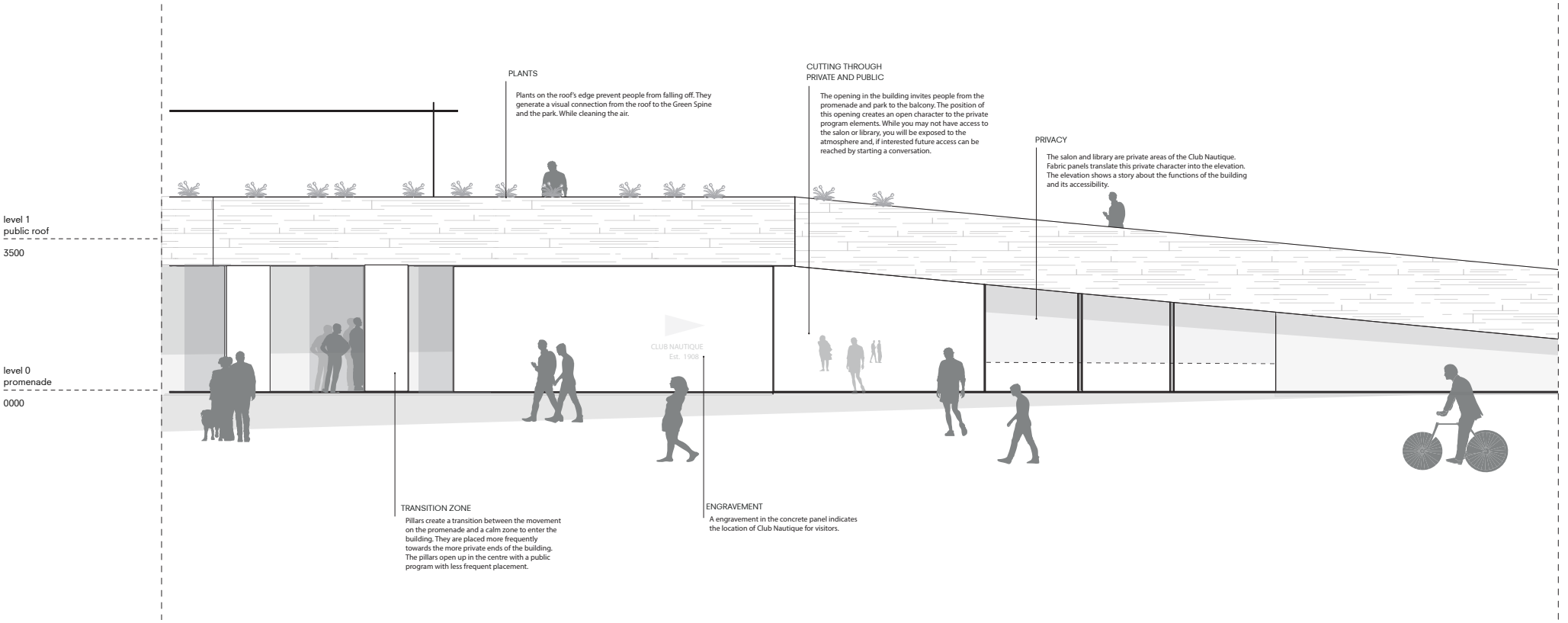
dinner salon
KITCHEN
warm
dishwasher
goods storage
cold
wine climate
boat storage
CLUB NAUTIQUE
CLUB LOUNGE NAUTIQUE
REGATTA COMMITTEE
BOARD ROOM
SALON
LIBARY
1200
2100
6700
3300
1200


level 1
public roof
3500
level 0
promenade
0000
PLANTS
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CLUB NAUTIQUE
Est. 1908
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ENGRAVEMENT
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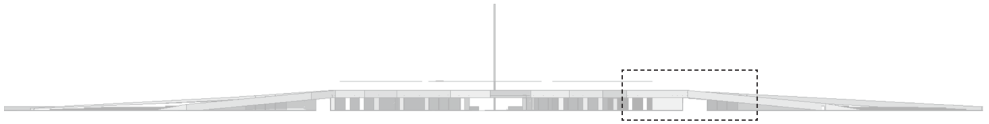


INVITE

from park



INVITE

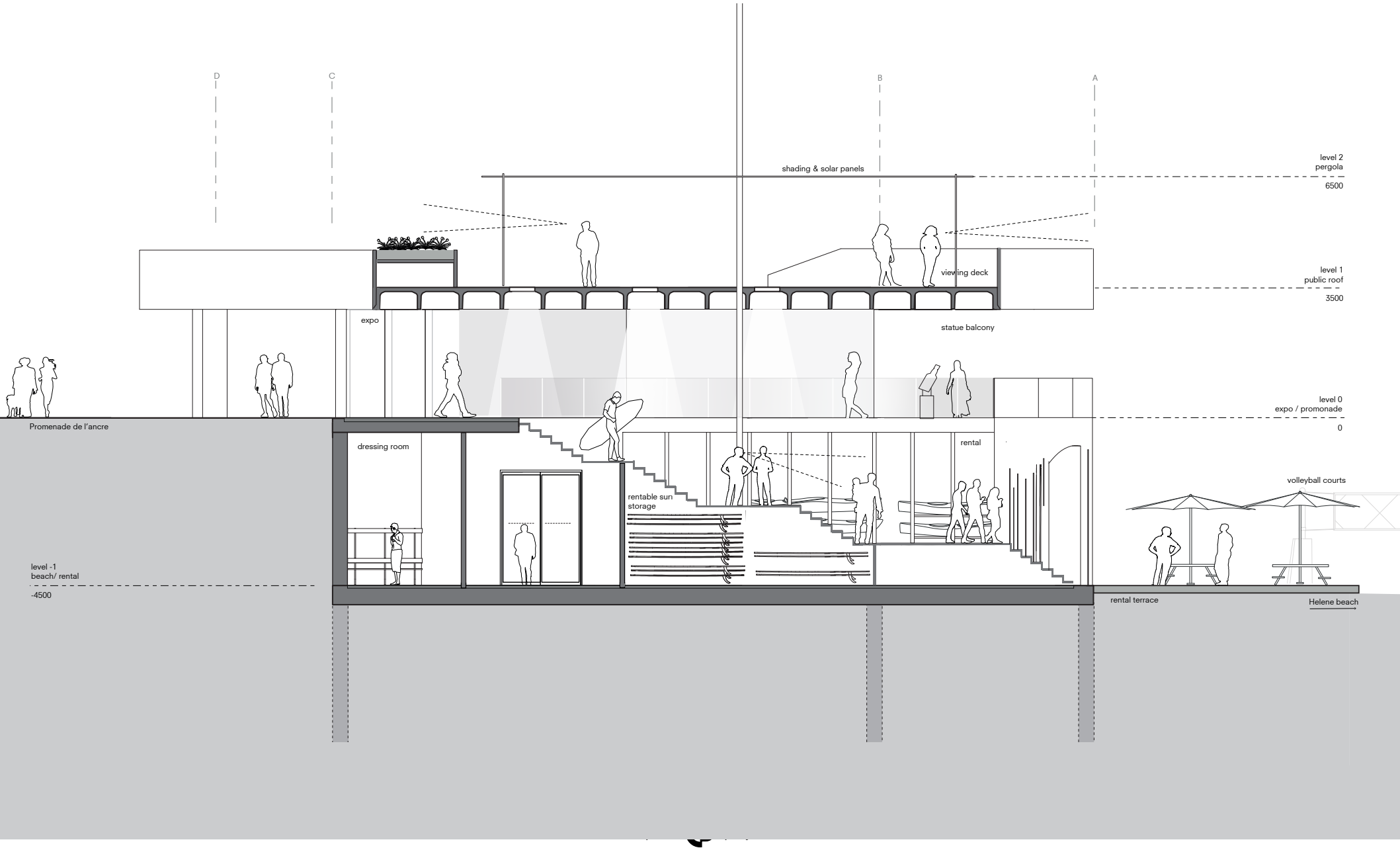
from park

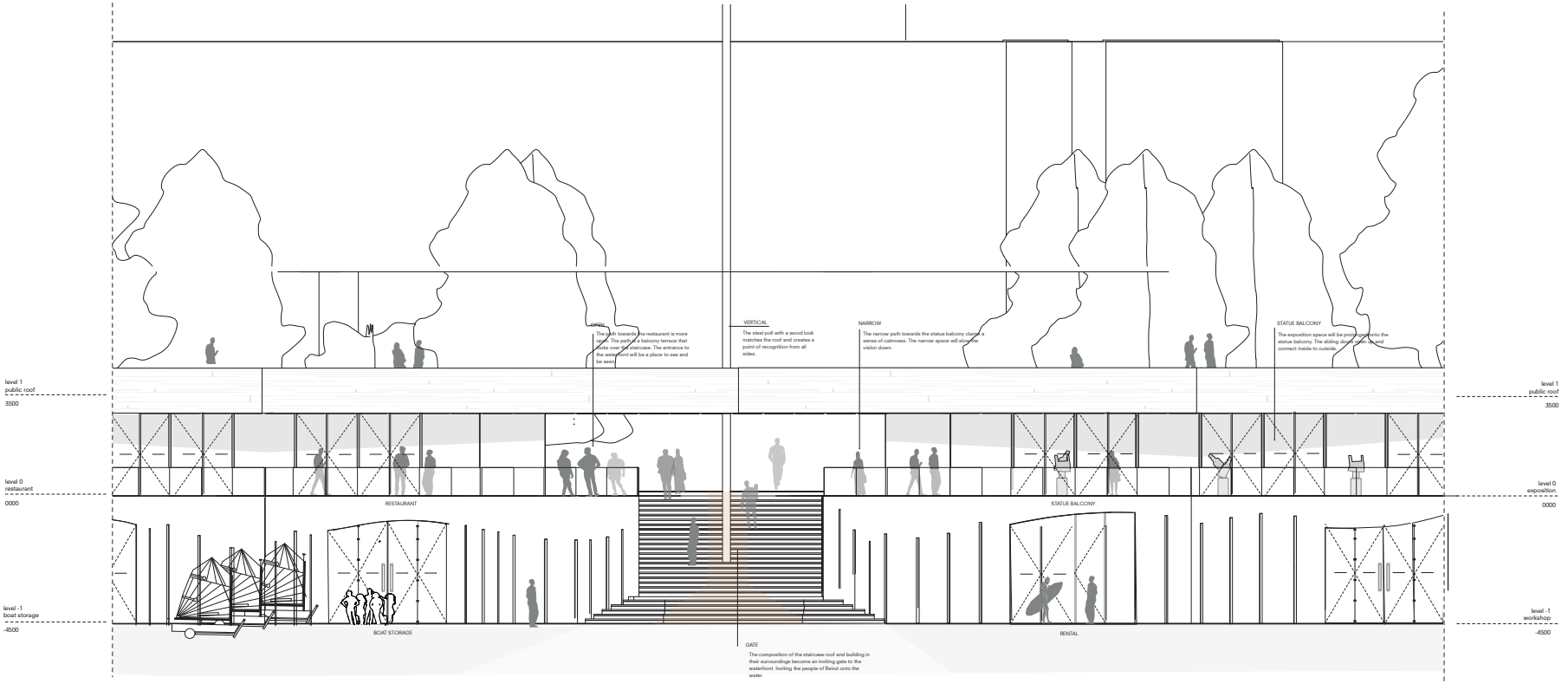


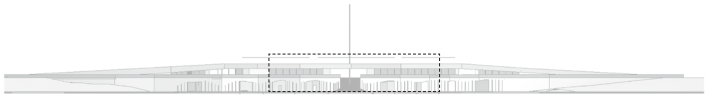

ocean plastics statue
balcony
meeting room
CEO office
open work space
conference room
OFFICE
reception
pantry
OFFICE
classroom
workshop storage
arts and craft workshop
video collection
storage
workshop
reception
recycle expo
expo store
OCEAN PLASTICS EXPO
EXPO
sea sight terrace
BALCONY
natural stone (Quartzite) tile 200x 100
OUTSIDE BAR
200 mm
porcelain tiles 200x 100
openings 100x 100
dinner salon
RESTAURANT
bar
KITCHEN
warm
dishwasher
goods storage
wine climate
cold
FOYER
boat storage
RESTAURANT
park sight terrace
service entrance
CLUB LOUNGE NAUTIQUE
BOBBEL TABLE
CLUB NAUTIQUE
CLUB NAUTIQUE
REGATTA COMMITTEE
BOARD ROOM
SALON
LIBARY
1200
2100
6700
3300
1200



urban & coast

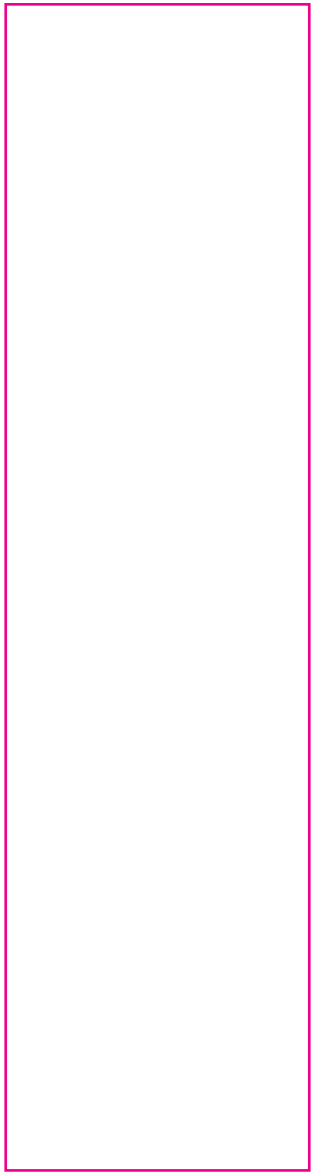

D
C
B
A
shading & solar panels
level 2
pergola
6500
viewing deck
level 1
public roof
3500
expo
statue balcony
level 0
expo / promonade
0
Promenade de l'ancre
dressing room
rentable sun
storage
rental
volleyball courts
level -1
beach/ rental
-4500
rental terrace
Helene beach


level 1
public roof
3500
level 0
restaurant
0000
level -1
boat storage
-4500
level 1
public roof
3500
level 0
exposition
0000
level -1
workshop
-4500
OPEN
The path towards the restaurant is more open. The path is a balcony terrace that looks over the staircase. The entrance to the waterfront will be a place to see and be seen.
VERTICAL
The steel poll with a wood look matches the roof and creates a point of recognition from all sides.
NARROW
The narrow path towards the statue balcony creates a sense of calmness. The narrow space will slow the visitor down.
STATUE BALCONY
The exposition space will be prolonged onto the statue balcony. The sliding doors open up and connect inside to outside.
RESTAURANT
STATUE BALCONY
BOAT STORAGE
RENTAL
GATE
The composition of the staircase roof and building in their surroundings become an inviting gate to the waterfront. Inviting the people of Beirut onto the water.

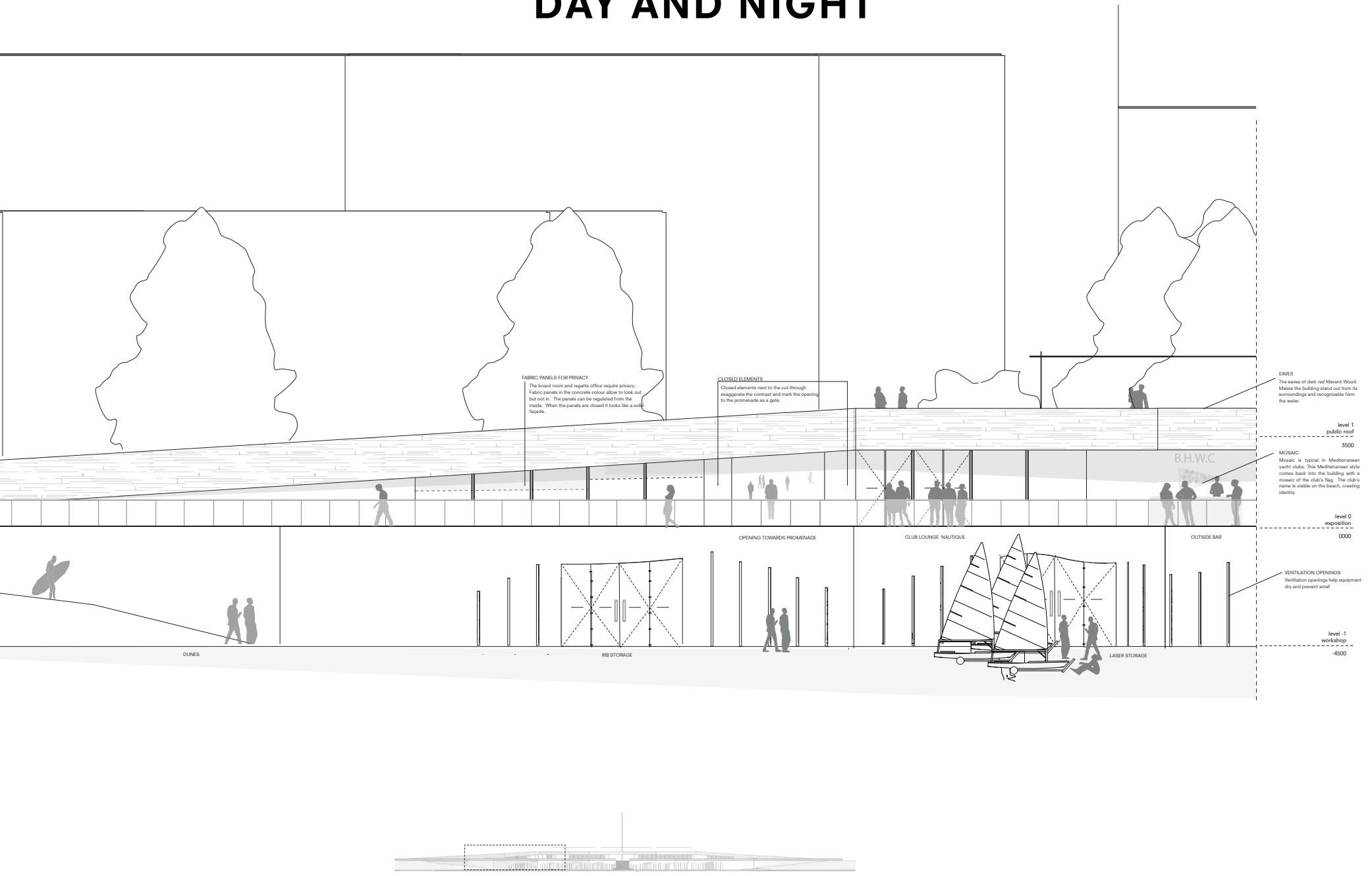




VENTILATION

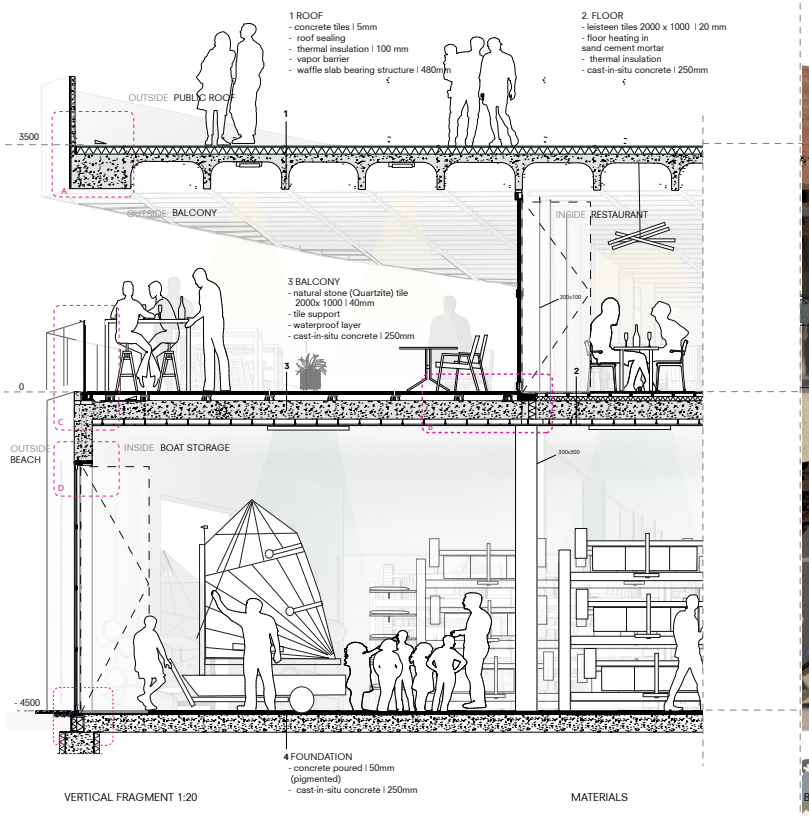


DAY AND NIGHT



facade

ENVELOPE FRAGMENT



VERTICAL FRAGMENT 1:20



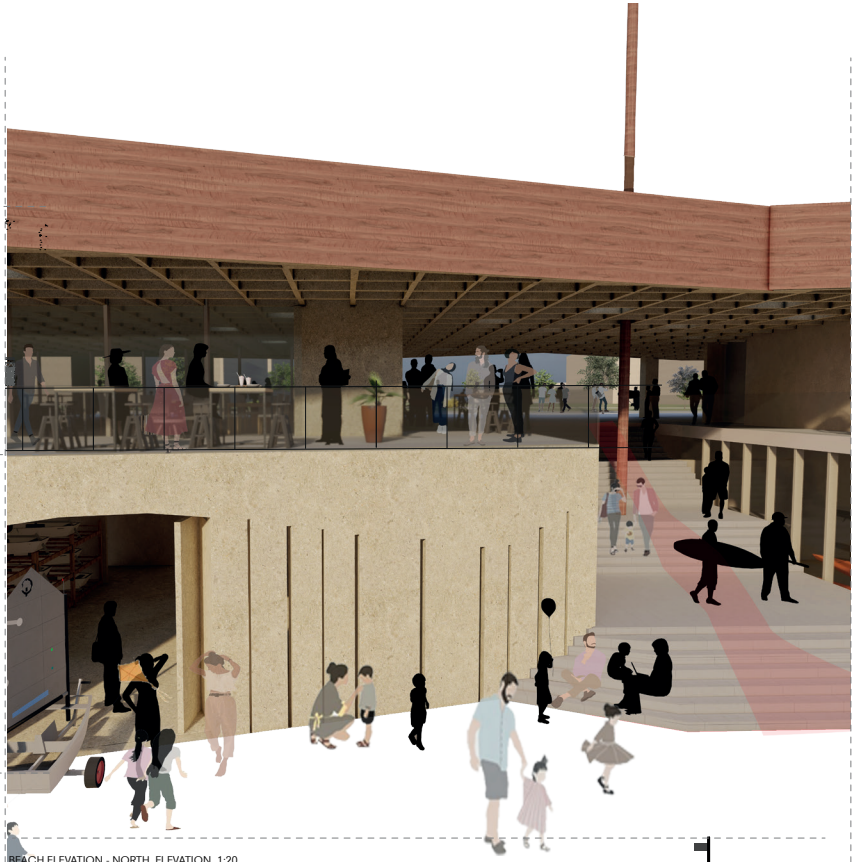
BALCONY

MATERIALS

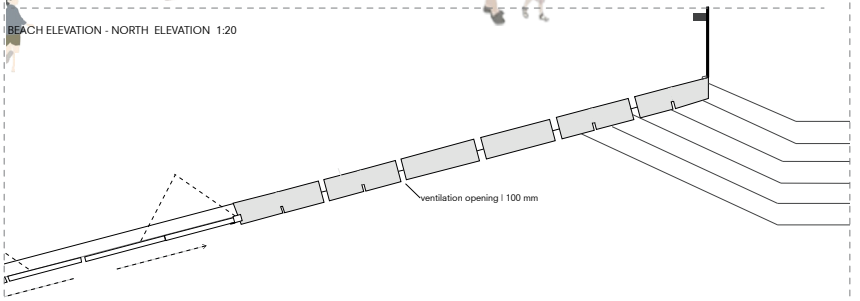


DARK RED MARANTI WOOD
Finish: Solvent-based oil. Protects the wood against water and UV rays.

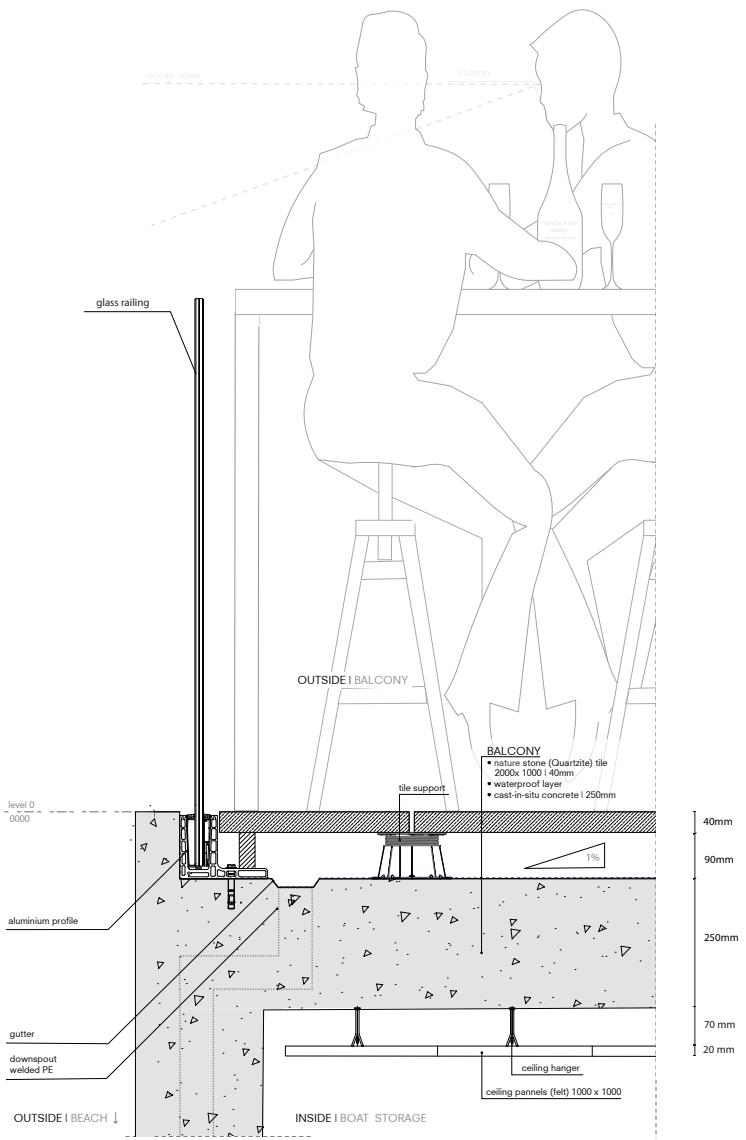
PIGMENTED CAST INSITU CONCRETE
Dry pigment mixed into the concrete before it is poure. Sand look match with beach. Beach goes into building



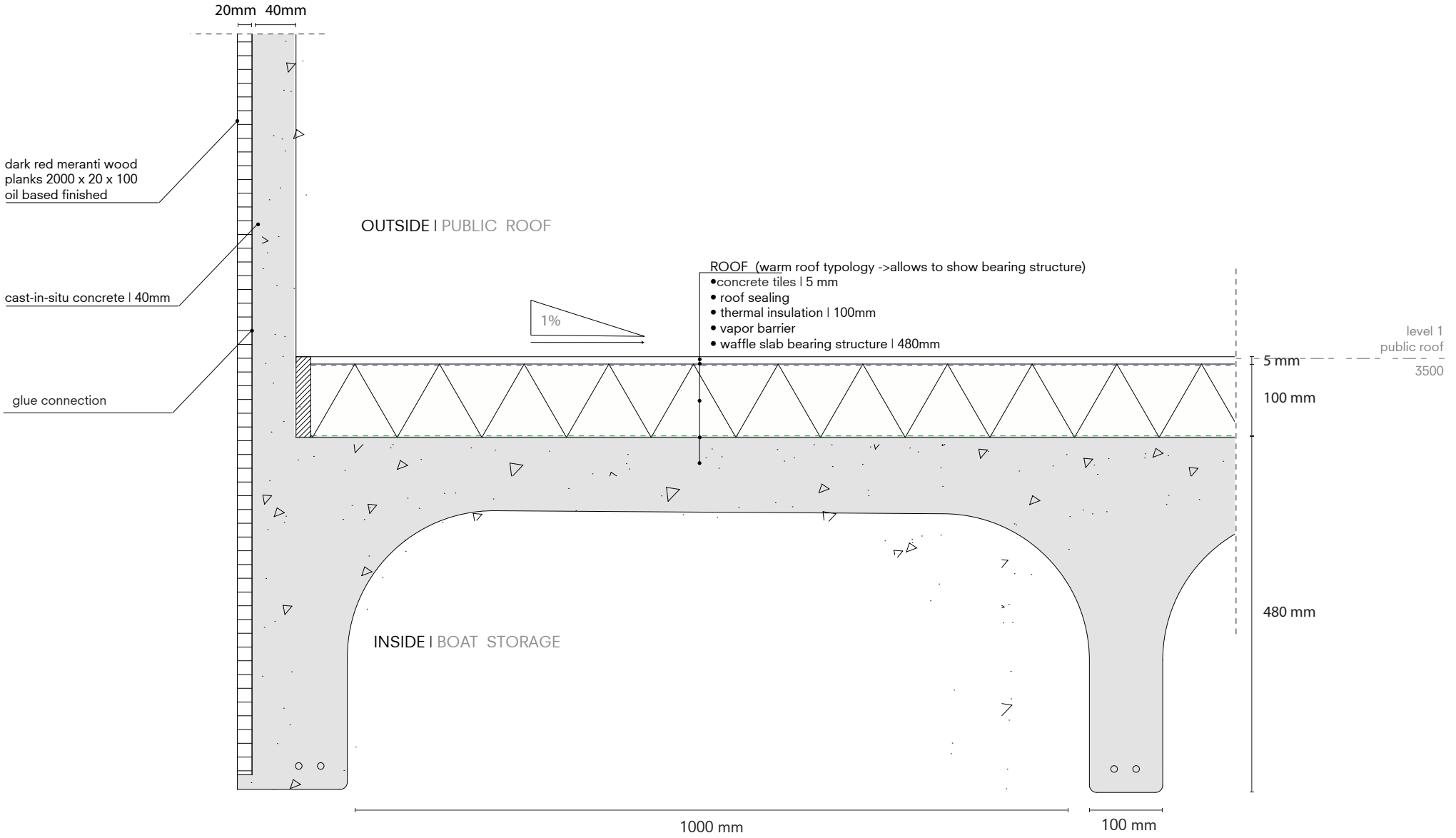
BEACH ELEVATION - NORTH ELEVATION 1:20



HORIZONTAL FRAGMENT | 1:20


ocean view
champ
glass railing
OUTSIDE I BALCONY
BALCONY
• nature stone (Quartzite) tile 2000x 1000 I 40mm
• waterproof layer
• cast-in-situ concrete I 250mm
tile support
level 0
0000
1%
40mm
90mm
250mm
70 mm
20 mm
aluminium profile
gutter
downspout welded PE
ceiling hanger
ceiling pannels (felt) 1000 x 1000
OUTSIDE I BEACH ↓
INSIDE I BOAT STORAGE

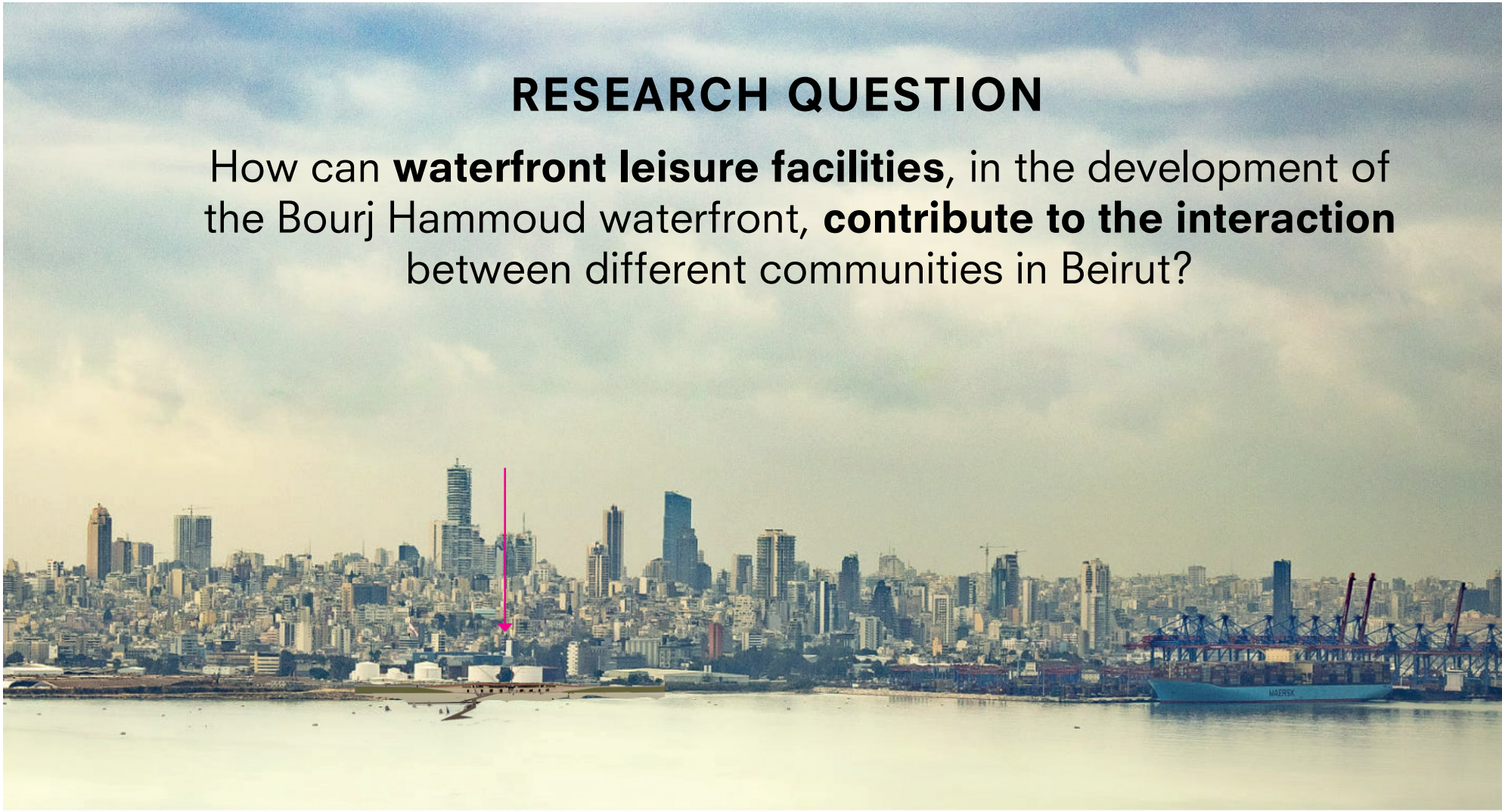



20mm
40mm
dark red meranti wood
planks 2000 x 20 x 100
oil based finished
cast-in-situ concrete | 40mm
glue connection
OUTSIDE | PUBLIC ROOF
ROOF (warm roof typology ->allows to show bearing structure)
•concrete tiles | 5 mm
• roof sealing
• thermal insulation | 100mm
• vapor barrier
• waffle slab bearing structure | 480mm
1%
level 1
public roof
3500
5 mm
100 mm
480 mm
INSIDE | BOAT STORAGE
1000 mm
100 mm



RESEARCH QUESTION

How can **waterfront leisure facilities**, in the development of the Bourj Hammoud waterfront, **contribute to the interaction** between different communities in Beirut?



THANK YOU

