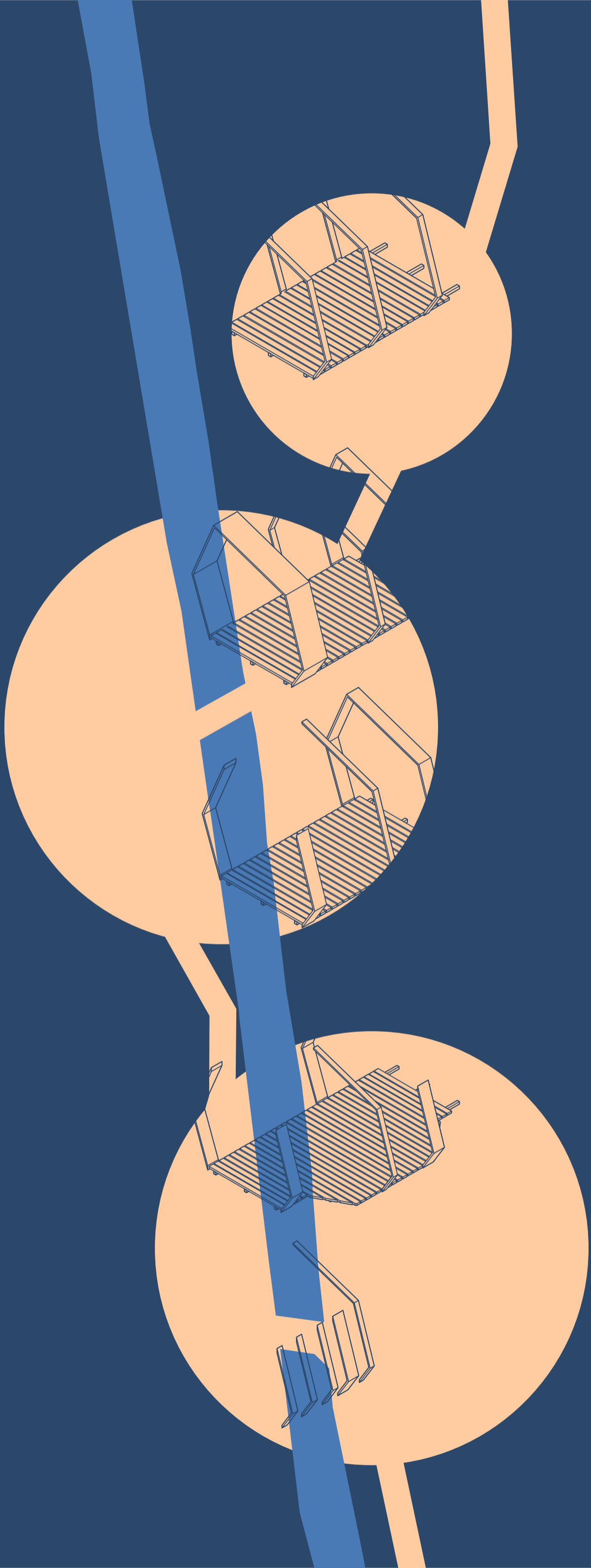


Connections & Barriers



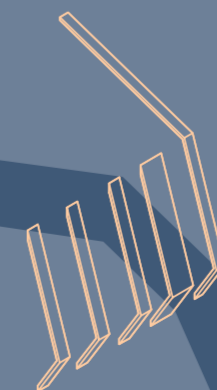
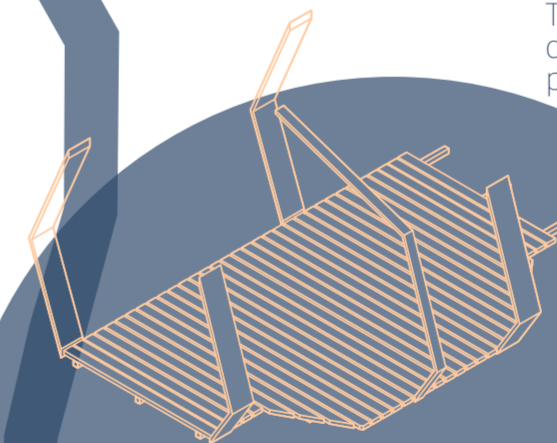
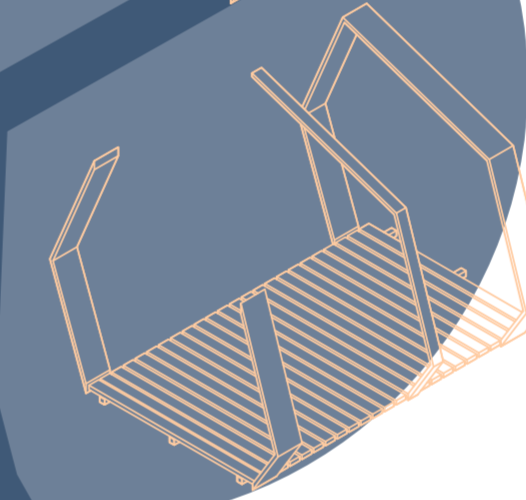
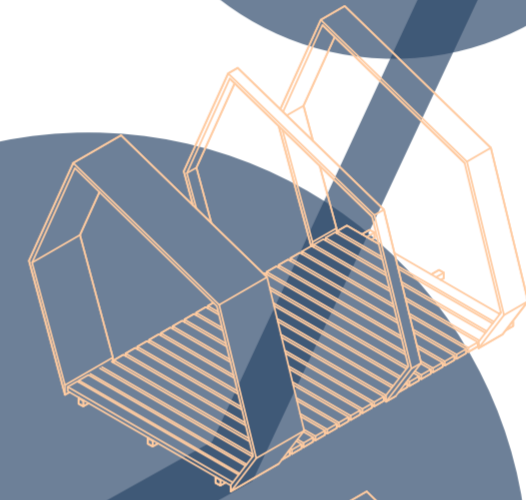
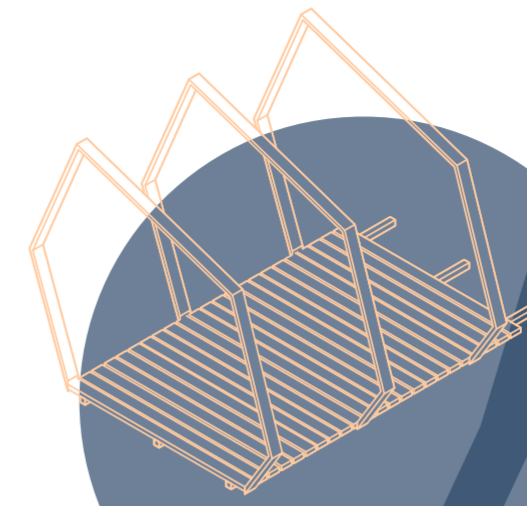
Index

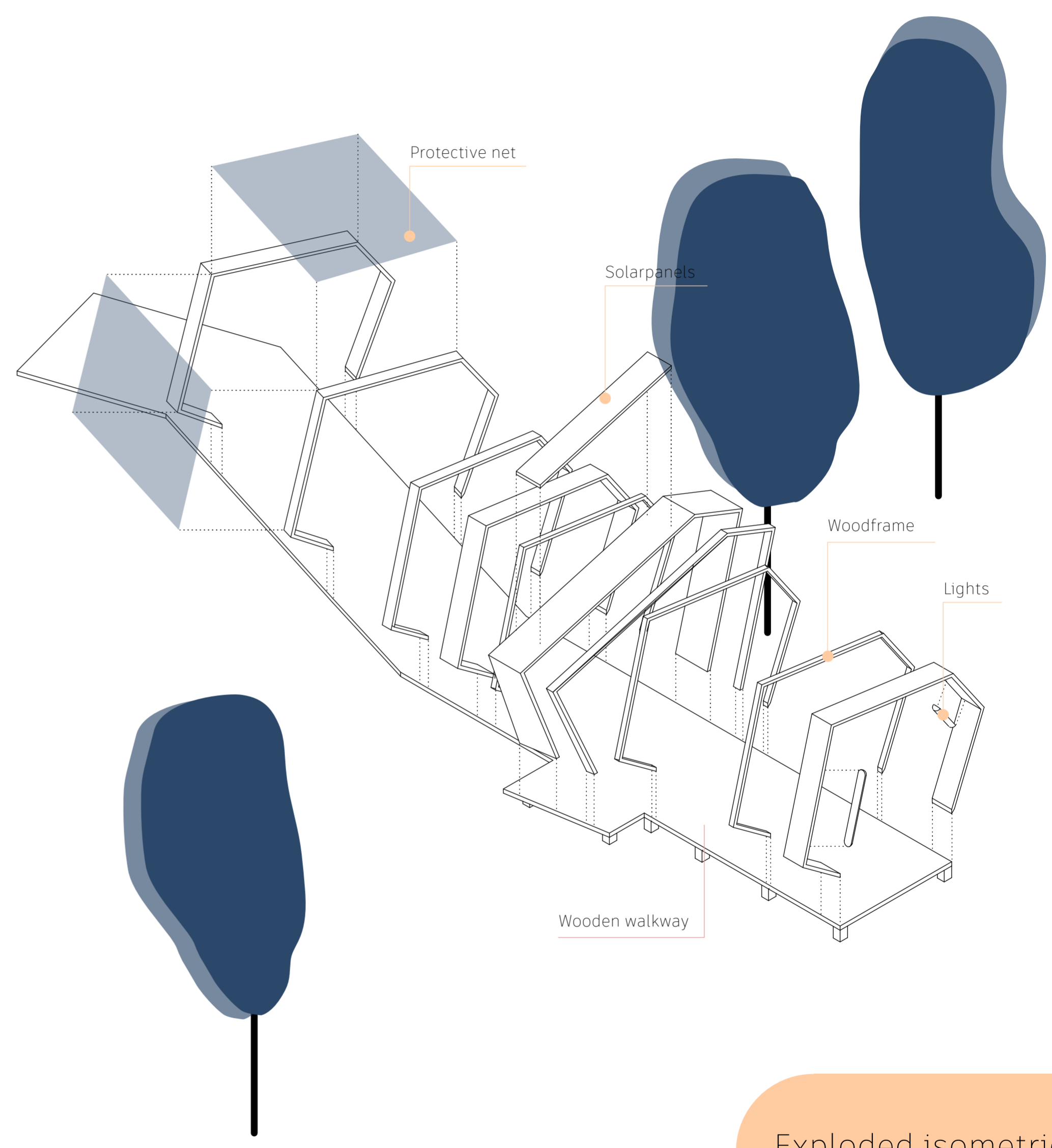
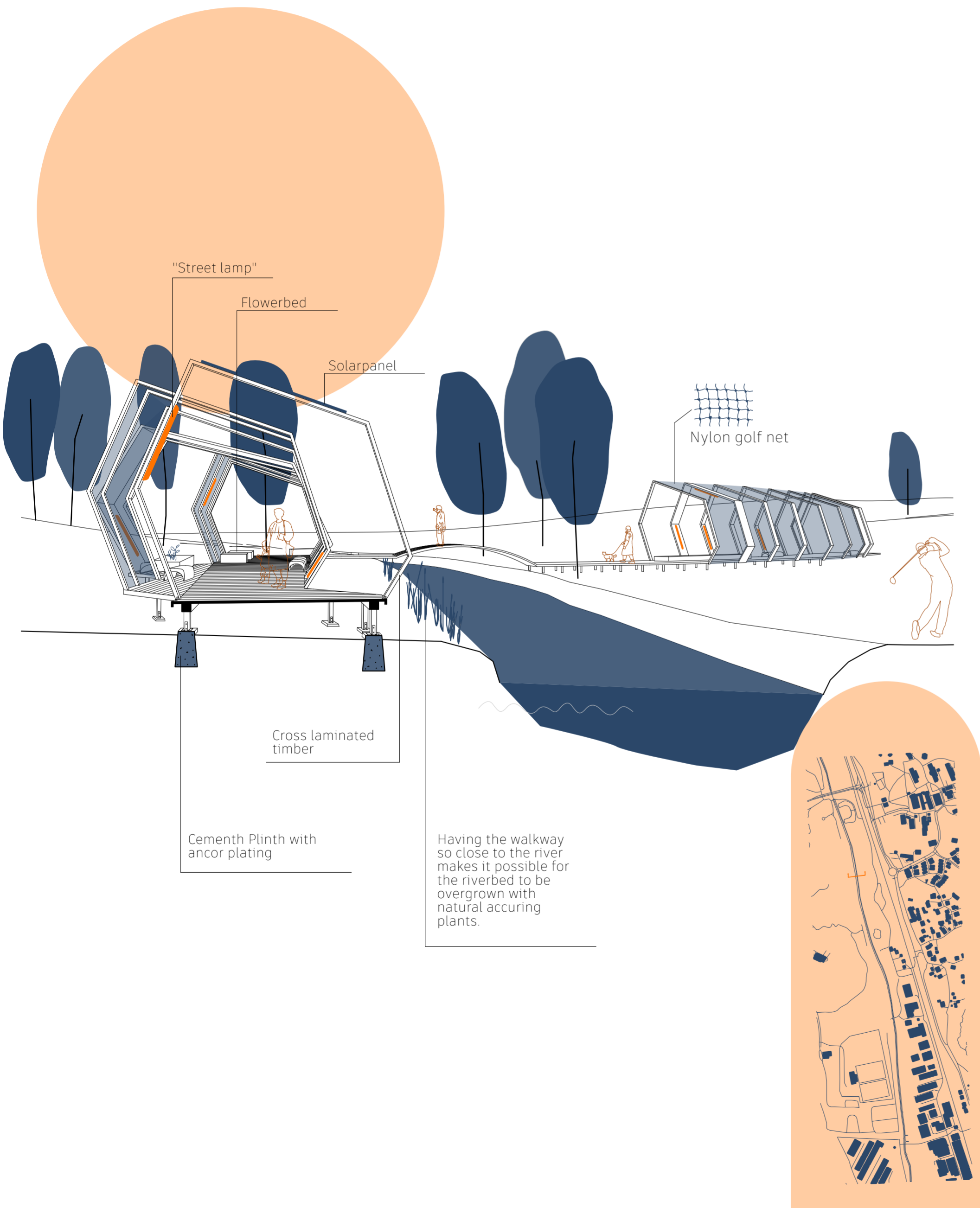
4	Technical Perspective 1:50
5	Exploded Isometric Sketch
6-9	Section & Plan 1:100
10-11	Model Fotos 1:100 & 1:50
12-19	Groupanalysis of the site
20-23	Individual site analysis
24-26	Process
27	SWOT

Connection & Barriers

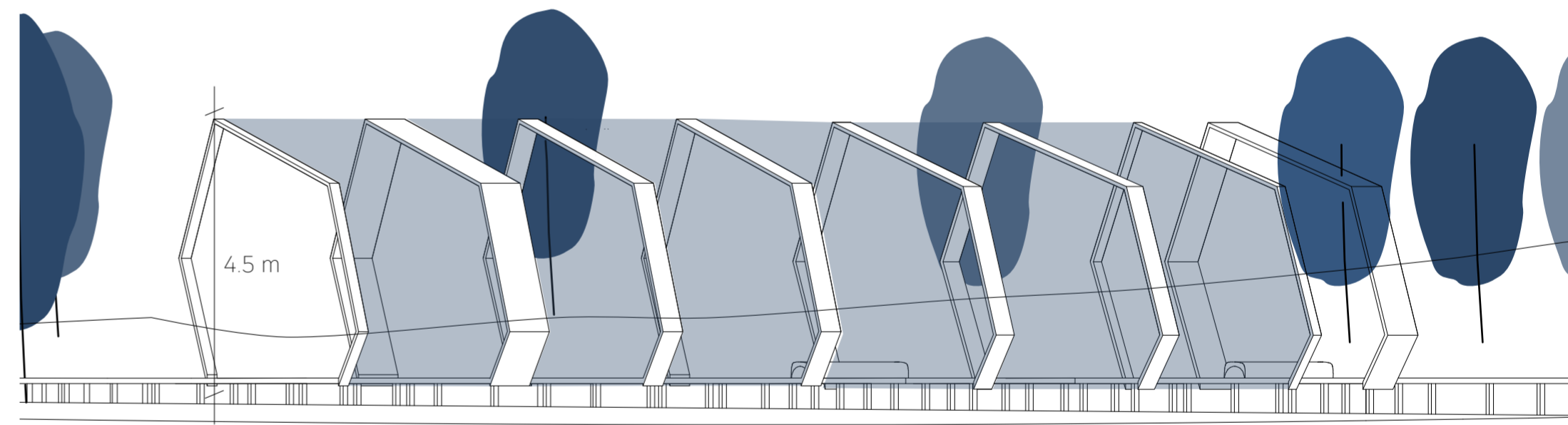
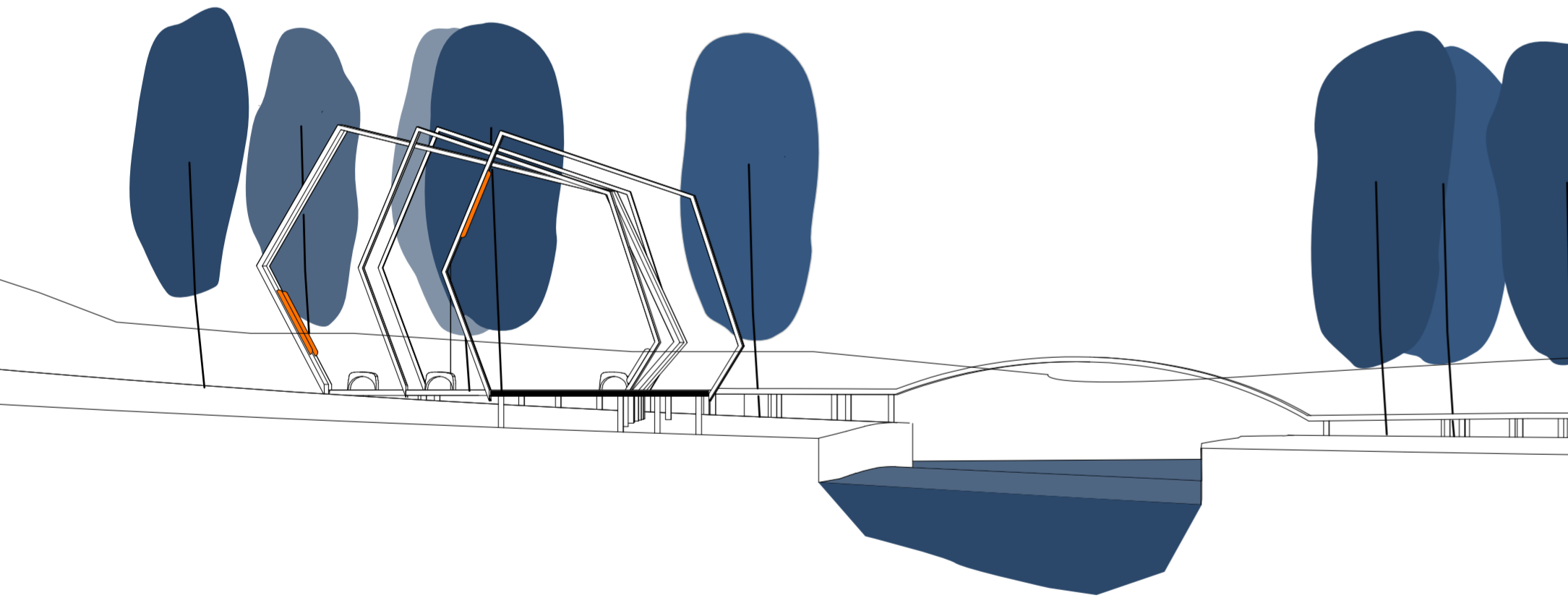
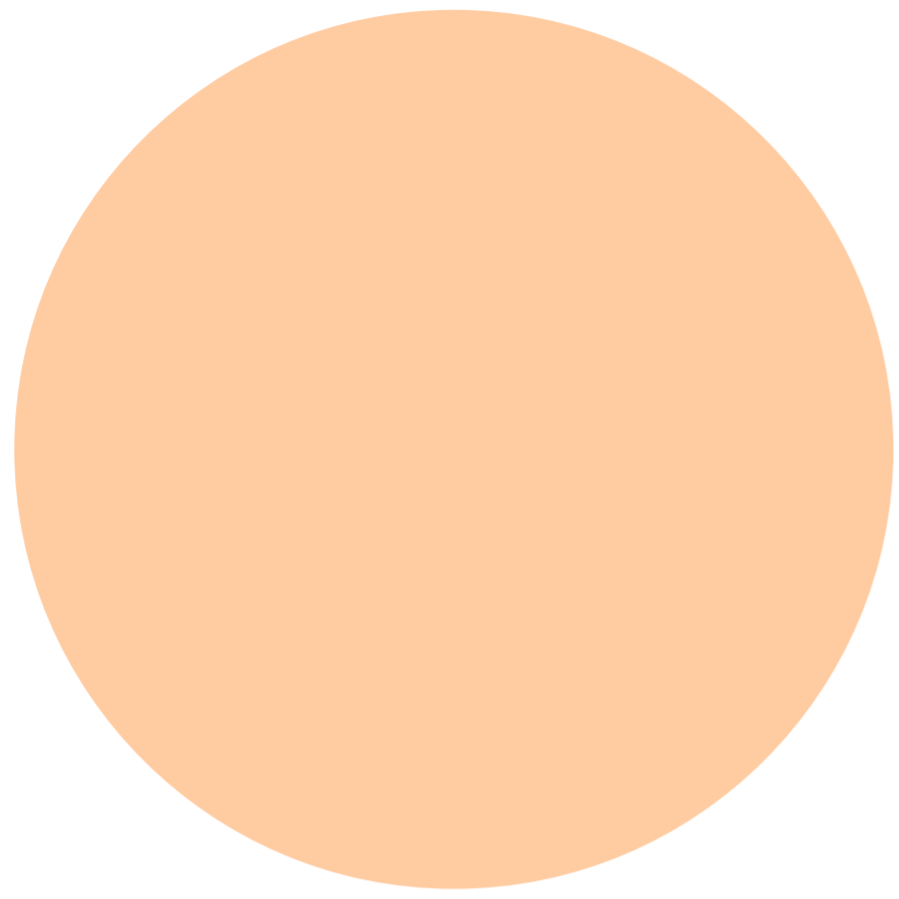
The prototype "Connection & Barriers" is an answer to different problems that occur along the Kvillebäcken river/stream. Problems such as lack of accessibility to the water, lack of sufficient lightning to make it feel safe for pedestrians and the possibility to cross the golf course without fearing for the golf balls. The prototype is modular and its different components cater to different problems.

The frame work can be a protection from golf balls but also hold streetlights and be a way of creating spaces along the water where it today is lacking. The wooden walkway is not needed everywhere along the water but in the future the water will rise and so will the water level in Kvillebäcken. Today the walkway can be a way of coming closer to the water, if placed close to or above.

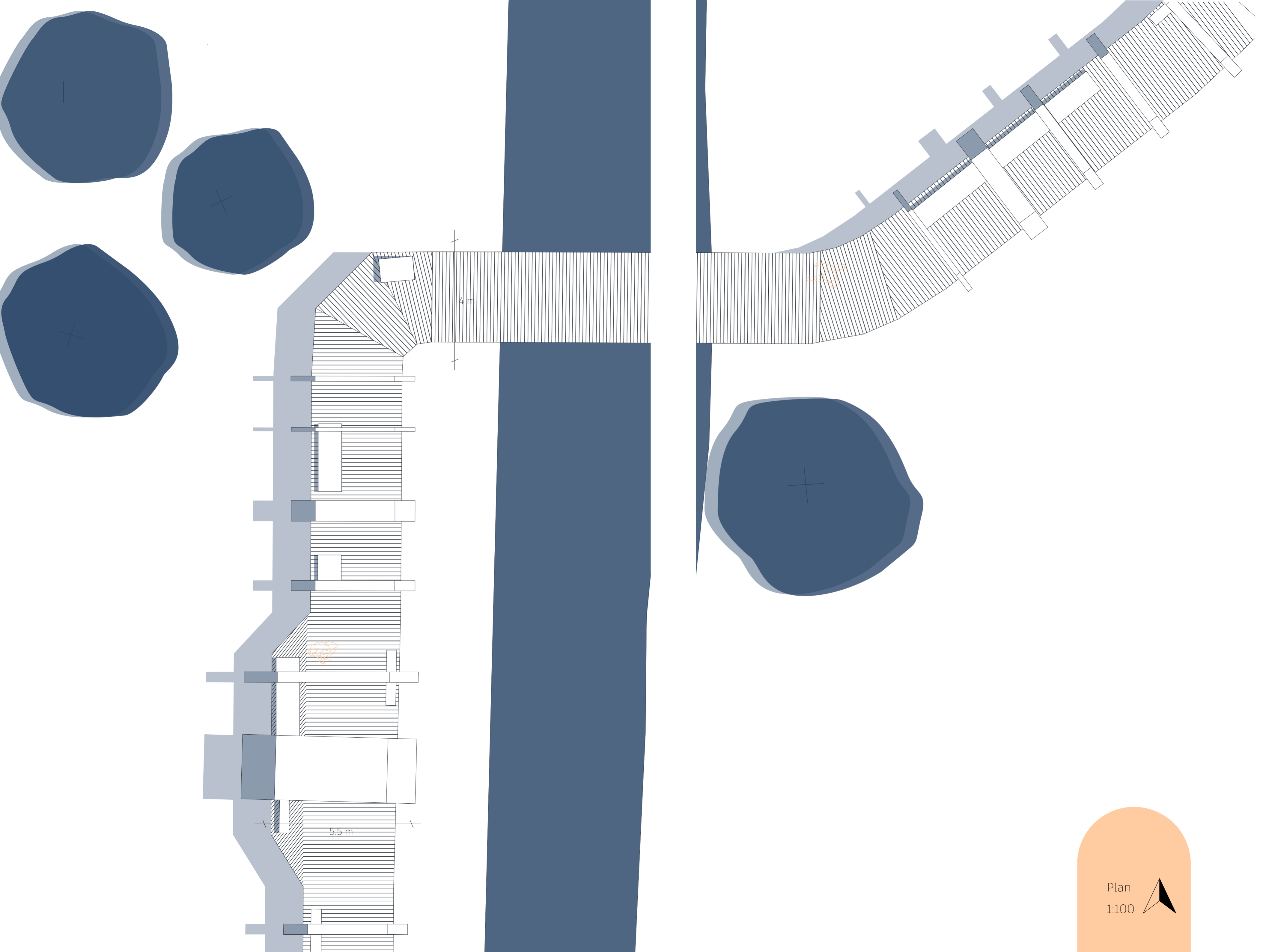




Exploded isometric sketch

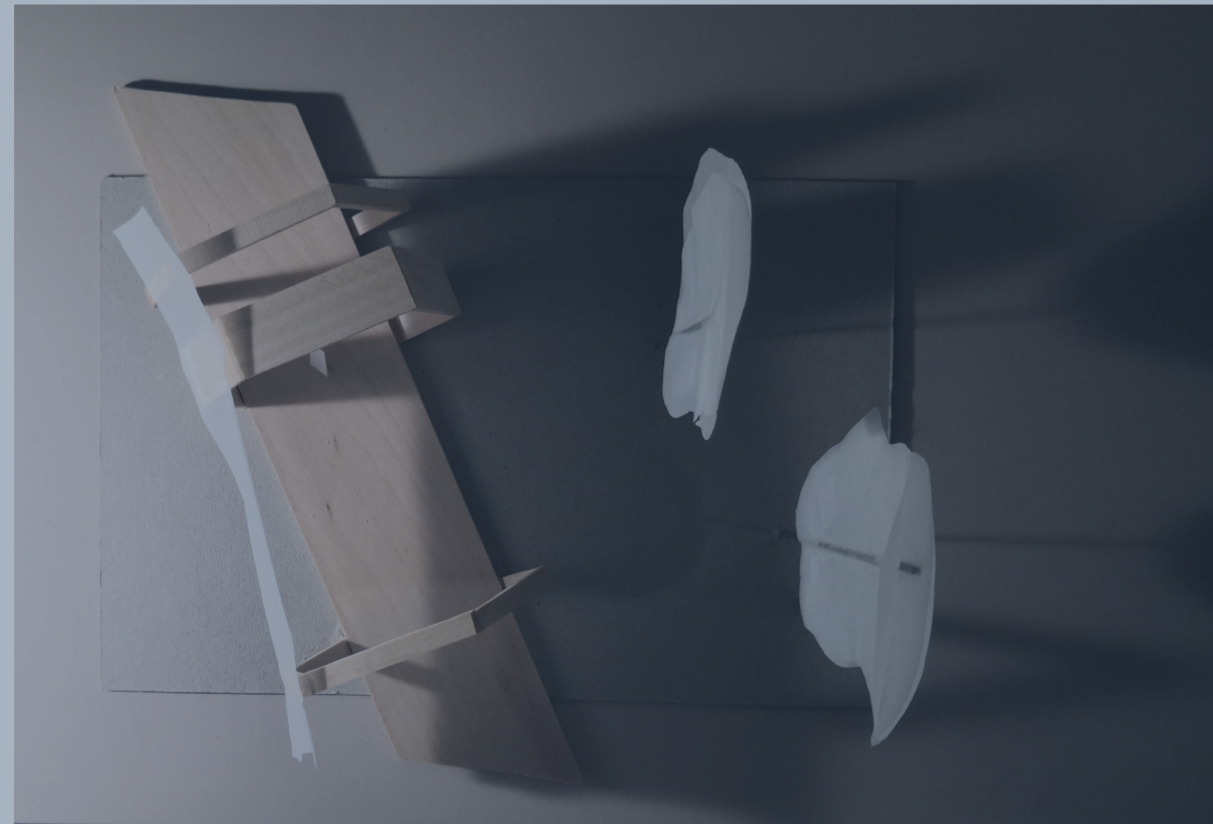


Section
1:100

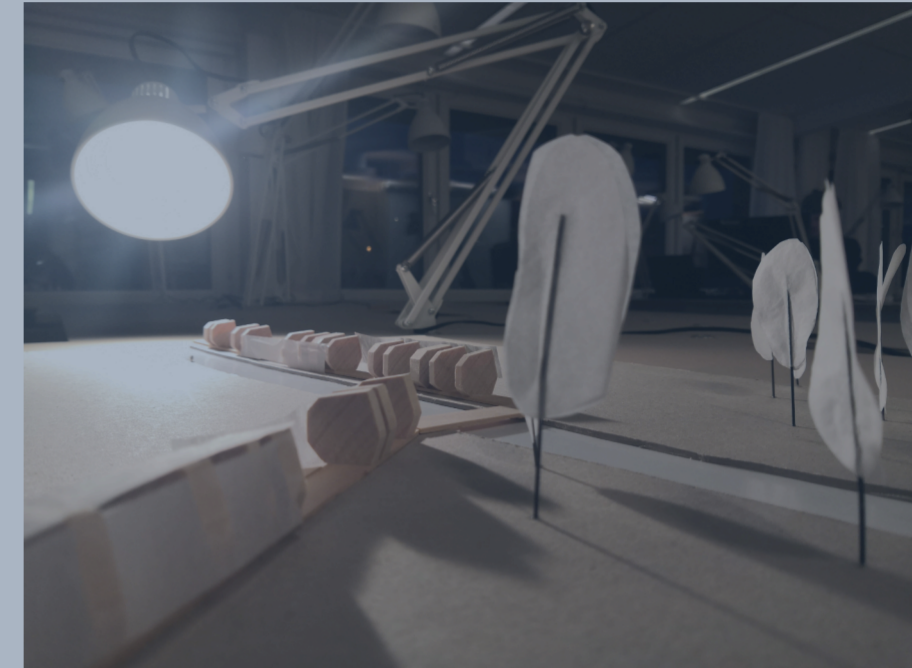


Plan
1:100





Model
1:50



Model
1:200

KVILLEBÄCKEN

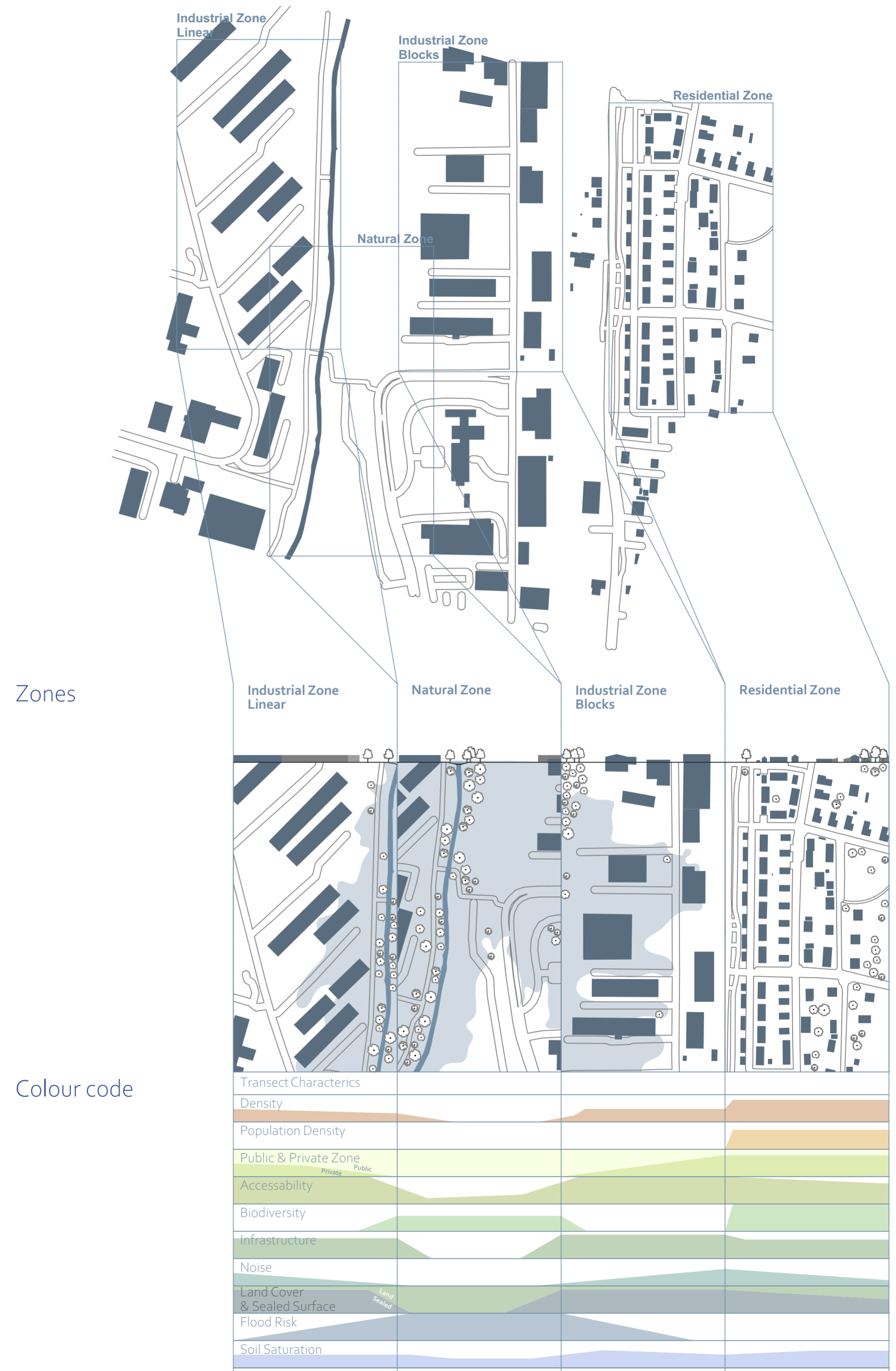
Exercise 1.2: River valley transect

Karla Patricia Olvera Covarrubias, Karolin Savitri Klein, Tove Matsson

Site visit: from Skändla to Jubileumsparken



Zoning & Colour coding

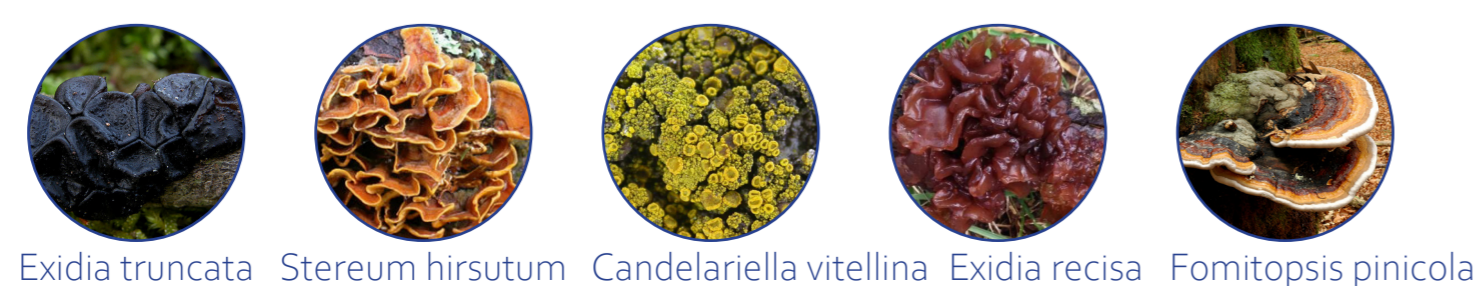




Industry 2m flood line

Mushrooms

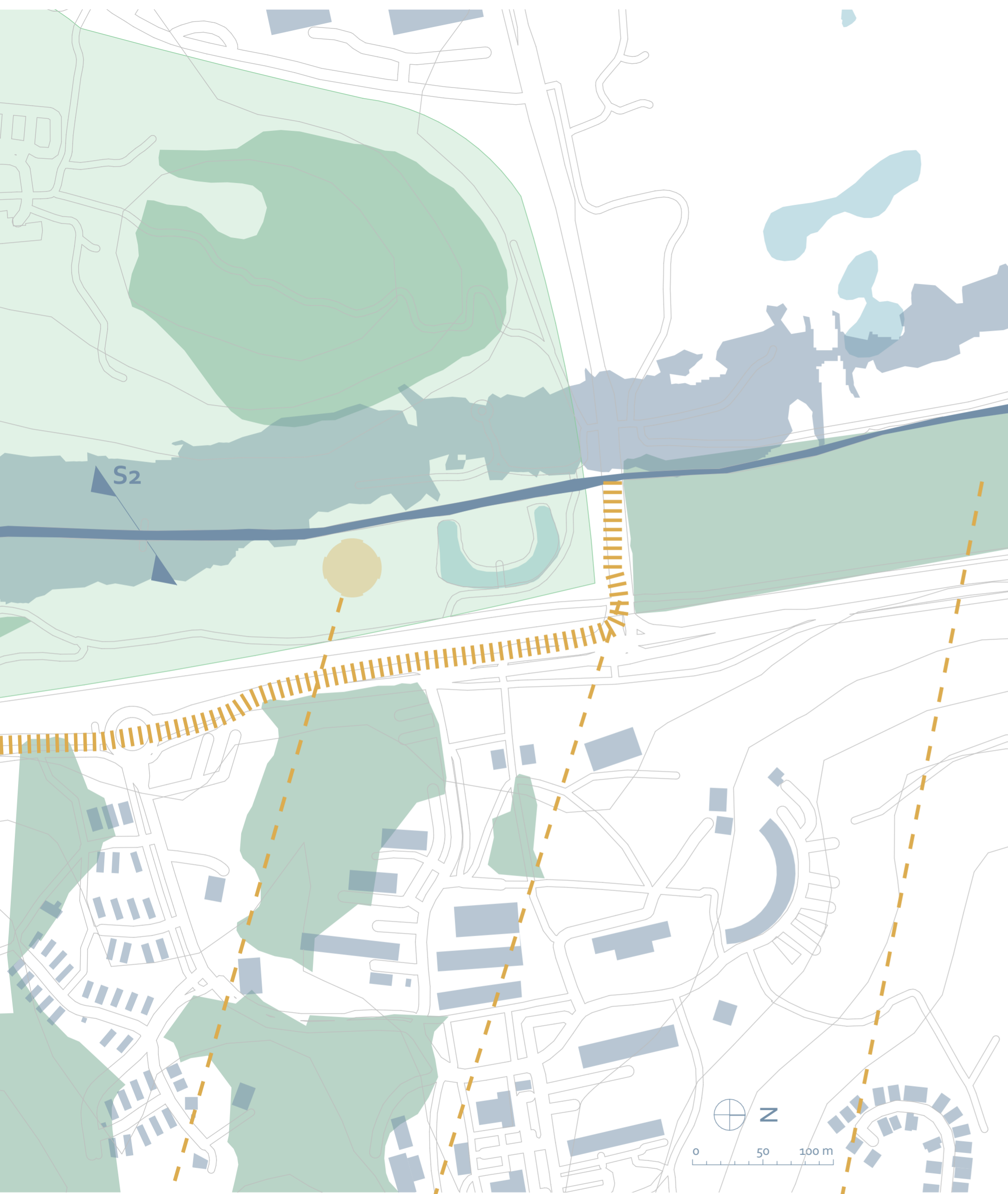
- Sealed surfaces in industrial and residential zone
 - Fences of industry and railways are framing the riparian area



Tree species in residential area



Biodiverse riparian area disappeared through human activities
 Tree species' richness visible in residential area



Gold course

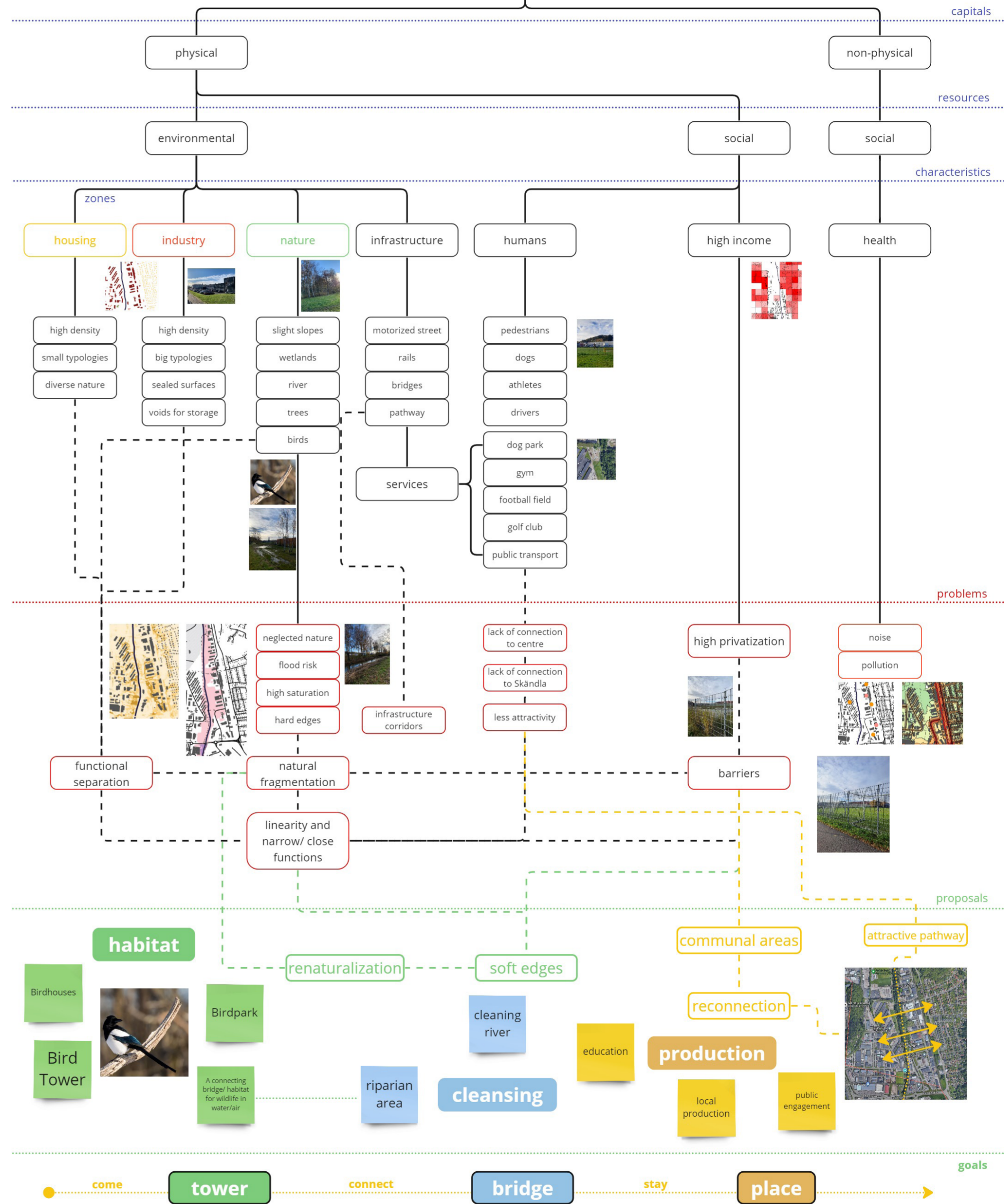
Non-accessibility

Natural reserve

- Cultivated land
- Hardened surfaces
- Fillings, cleaning and dredging
- Land degradation
- Limited migration
- Loss of wetlands

- High value of area with protected species
- Wetland

Assets in Kvillebäcken



habitat

renaturalization

soft edges

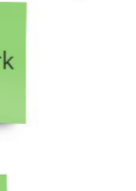
communal areas

attractive pathway

Birdhouses



Birdpark



A connecting bridge/habitat for wildlife in water/air



riparian area

cleaning river

education

production

local production

public engagement



come

tower

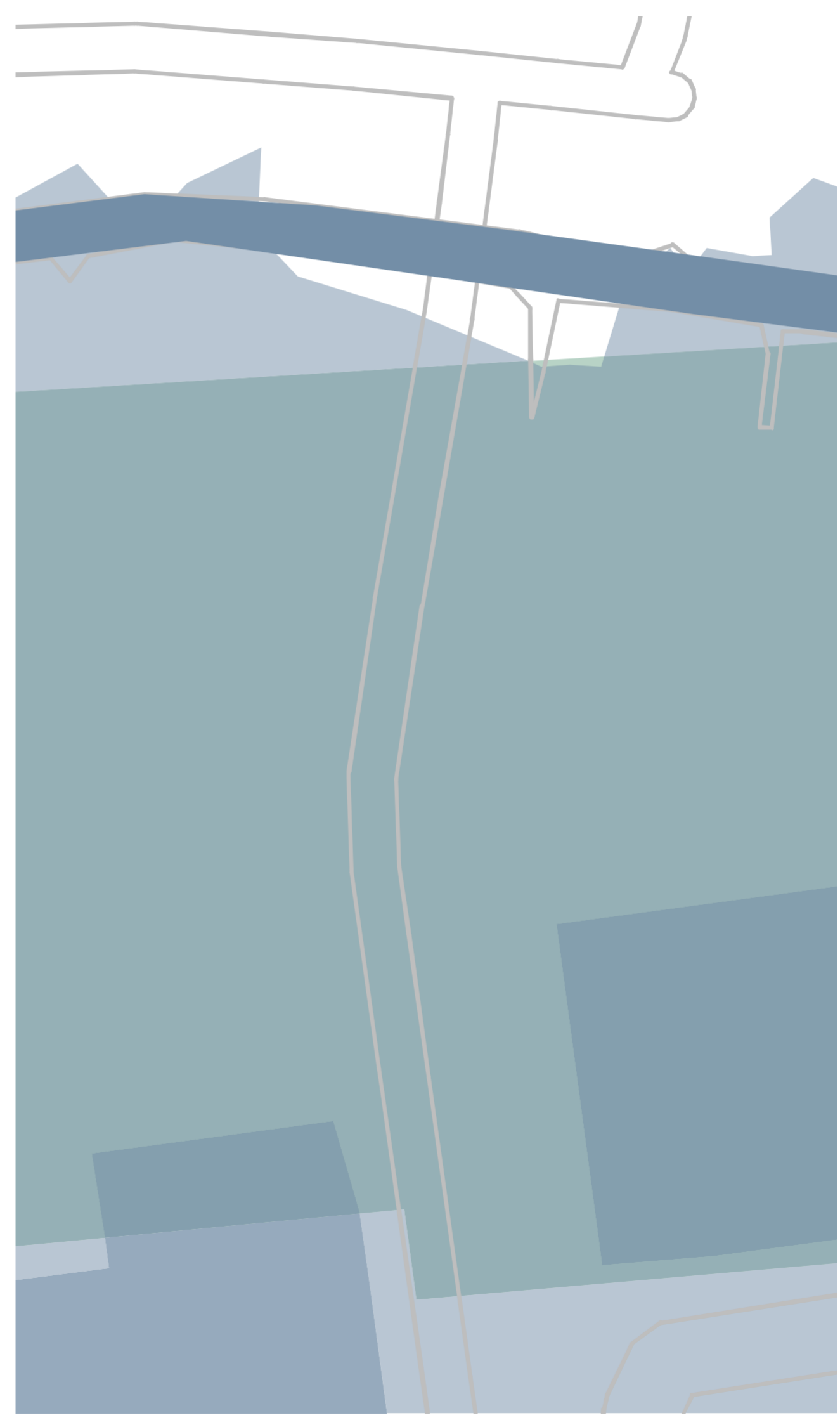
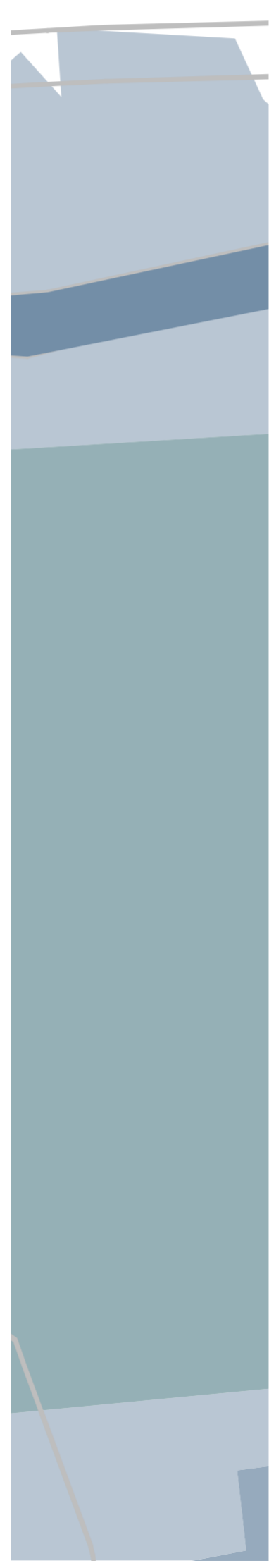
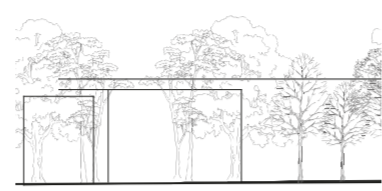
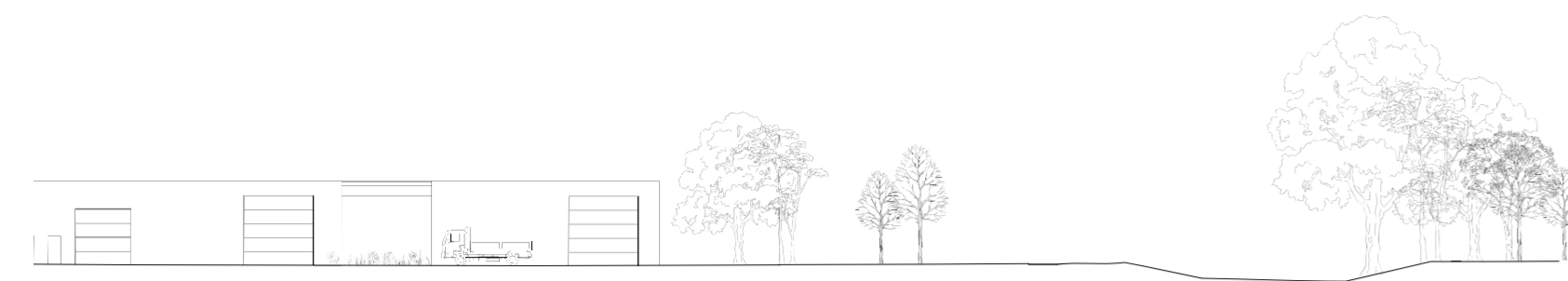
connect

bridge

stay

place

goals

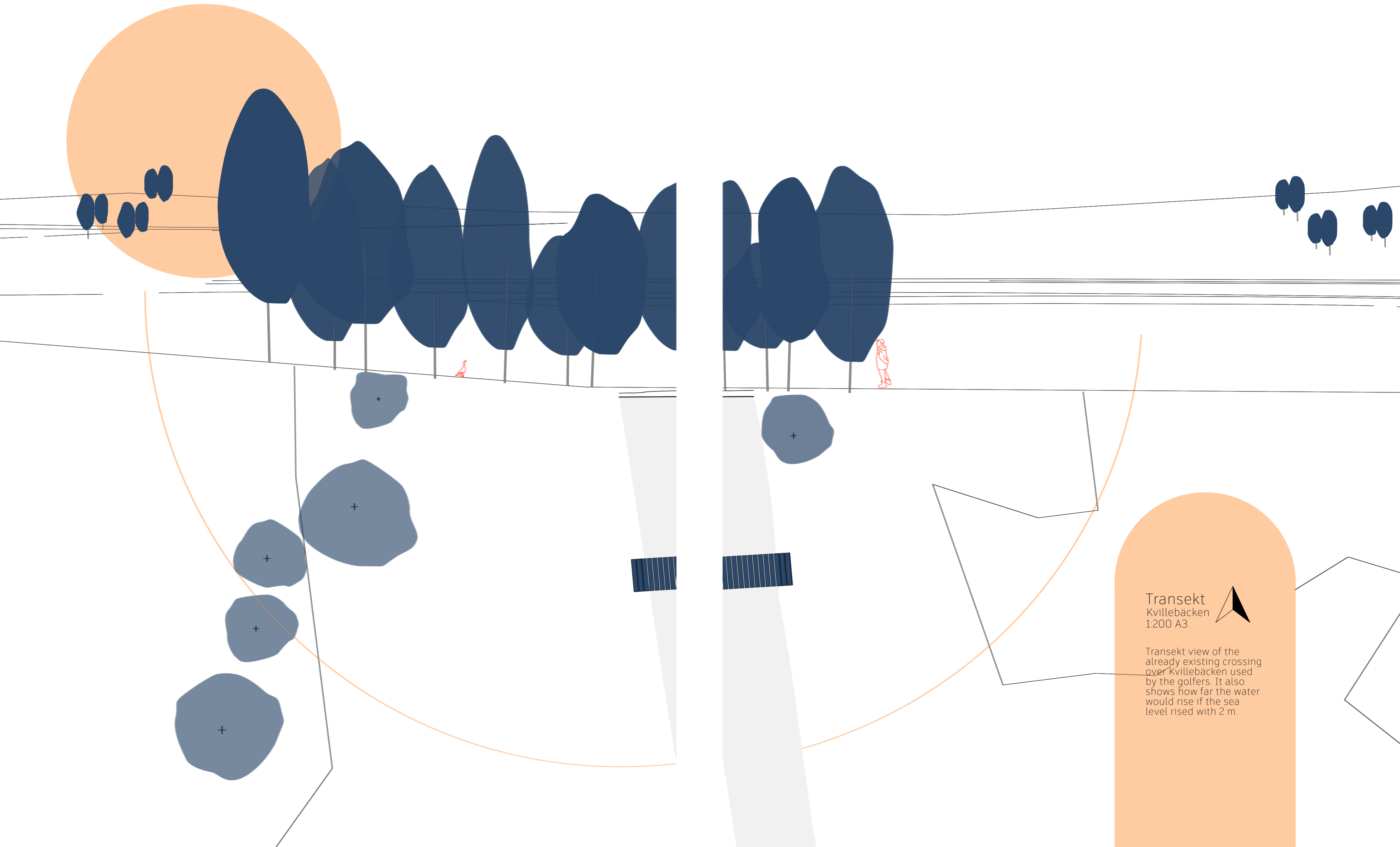




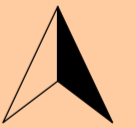
Kvillebäcken
1:2000 (A1)

- Possible rout of the walkway
- Direction of the golf shot
- Golfcours
- Possible Crossings
- Risks or Obstacle
- ACE495_h123_geodata Height Curves
- ACE495_h123_geodata Buildings
- ACE495_h123_geodata Flood_risk_2m
- ACE495_h123_geodata Green_coverage_2018
- ACE495_h123_geodata Landcover_woodland
- ACE495_h123_geodata Roads_motorized
- ACE495_h123_geodata Roads_non_motorized
- ACE495_h123_geodata Water_lines
- ACE495_h123_geodata Water_surfaces
- Railway

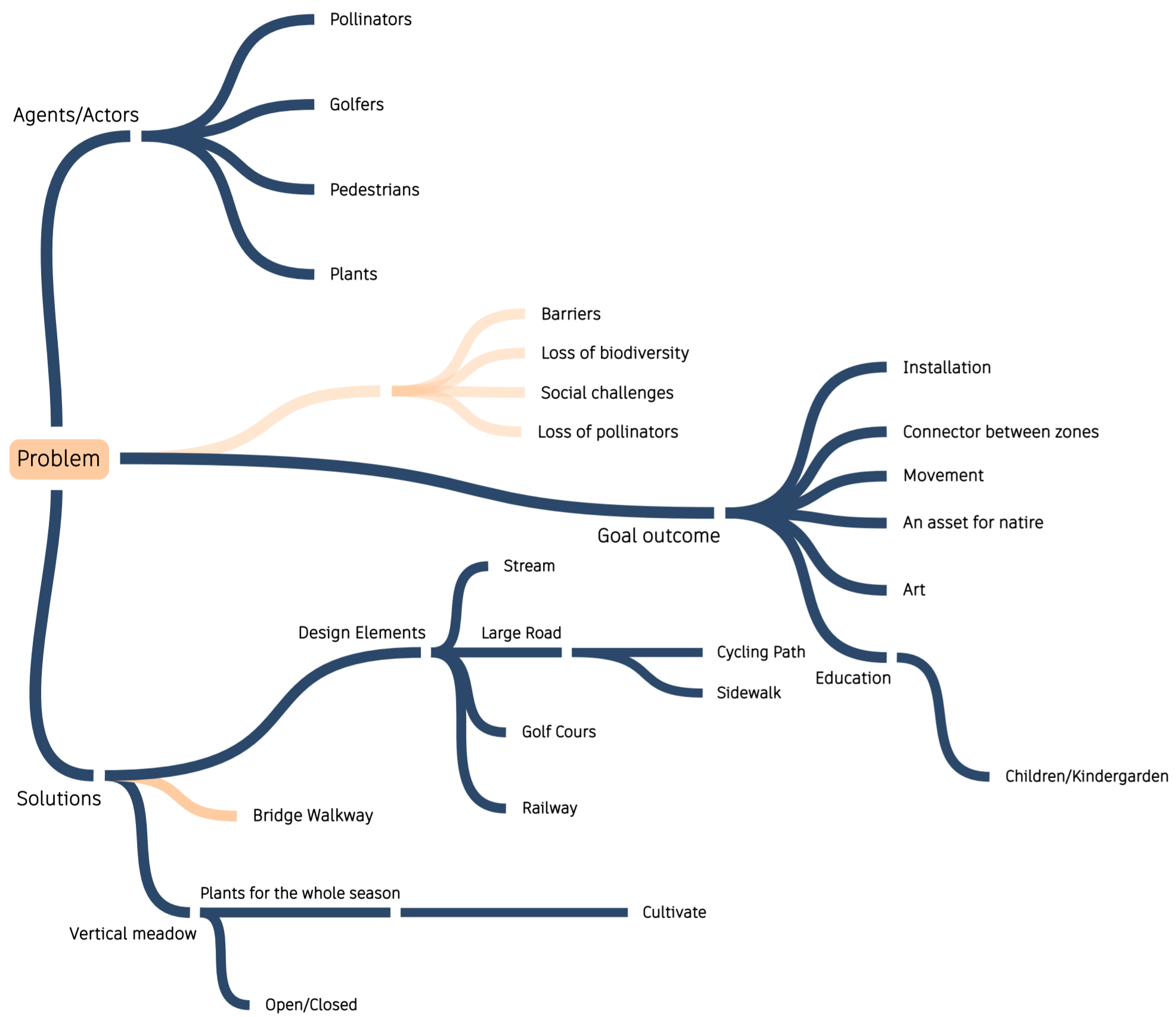
0 75 150 m



Transekt
Kvillebäcken
1:200 A3

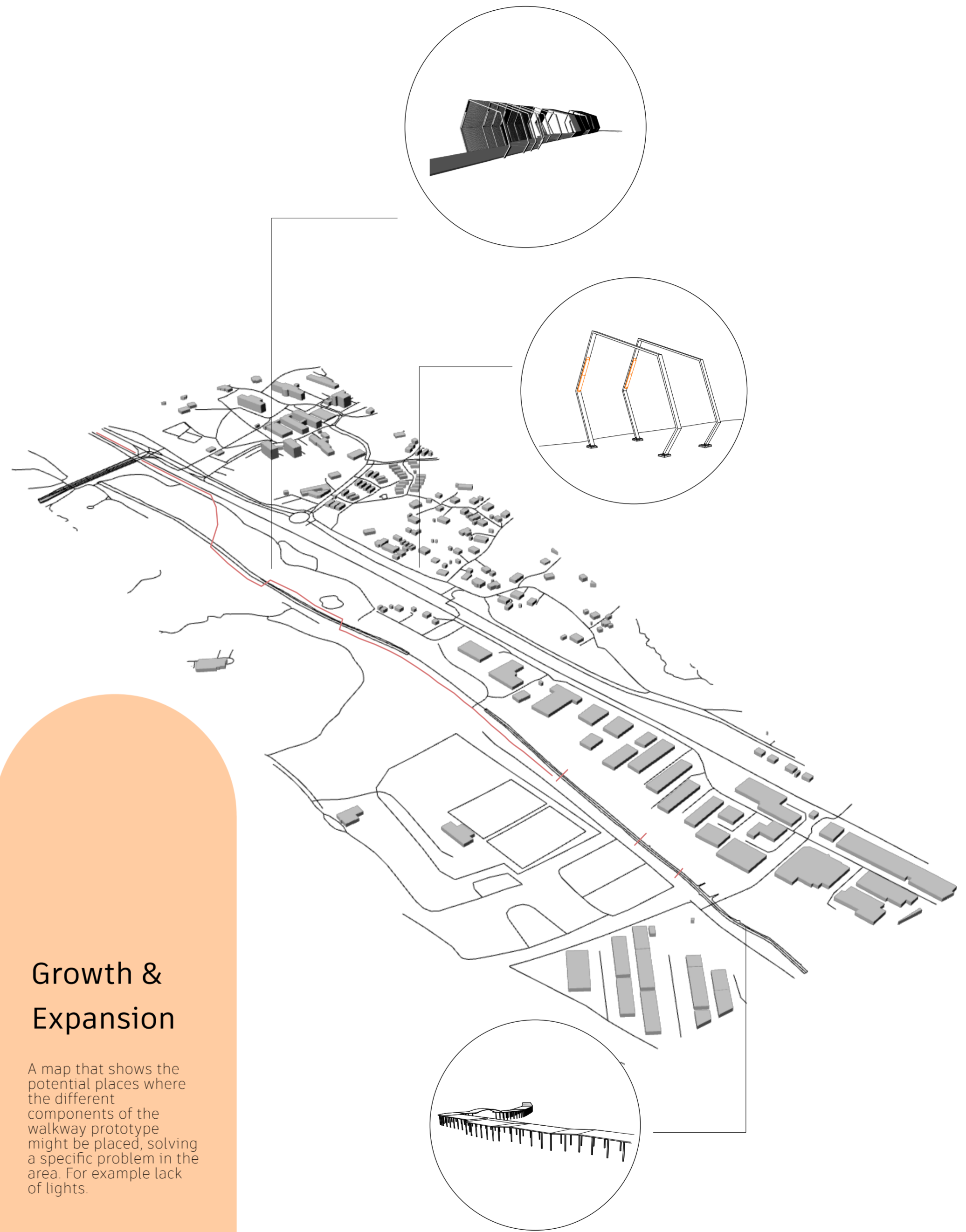


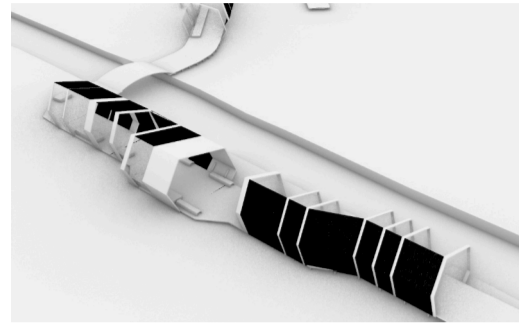
Transekt view of the already existing crossing over Kvillebäcken used by the golfers. It also shows how far the water would rise if the sea level rised with 2 m.



Growth & Expansion

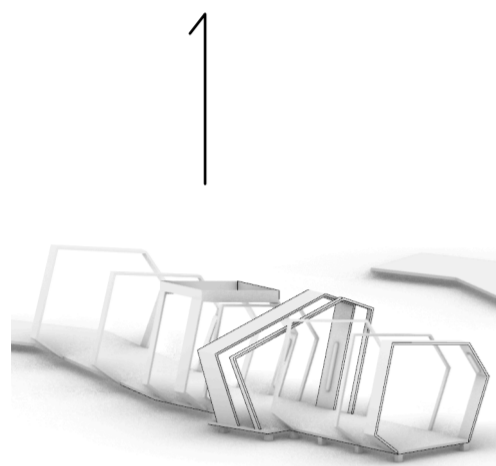
A map that shows the potential places where the different components of the walkway prototype might be placed, solving a specific problem in the area. For example lack of lights.



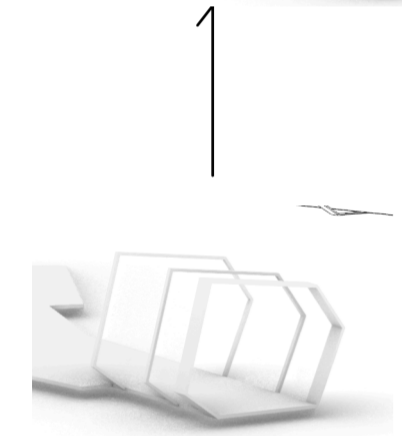


Adding widening meeting points on the walkingpath.

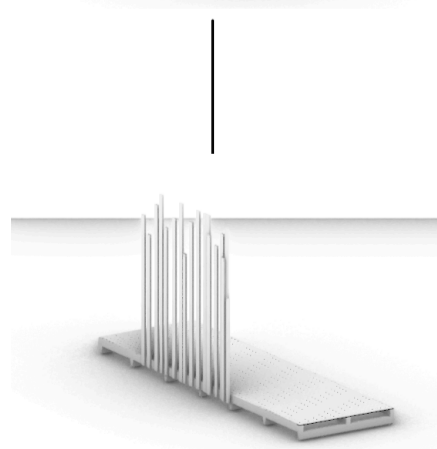
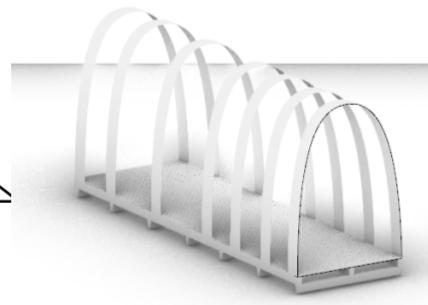
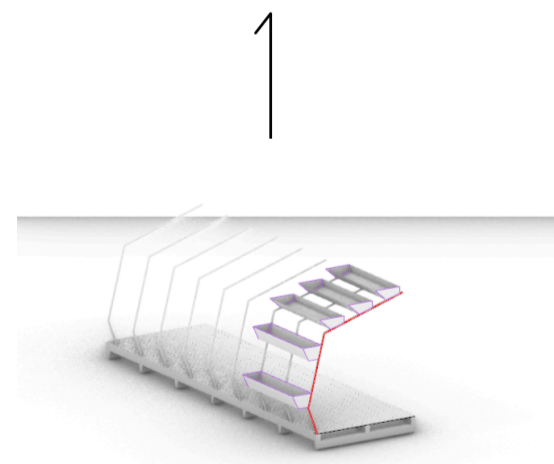
Flowerbeds and benches for resting.



A protection agains golfballs, a lighted path, a continuation of the green blue stretch, an asset for pollinators



Continuing with the charper angles in the design.



Evolutionary Tree

Materials:

Cross laminated timber for the frames and wood planking for the walkway.

A golf net made of nylon thats mounted on the timber frames when tje walkway crosses the golfcours.

Flowerbeds made of wood or reused corrugated steel.

Strength

One of the projects strength lies in that it based of a real problem that needs a real solution. There is a need for connection between different zones and the prototype could be a solution for that. It also has a possibility to work against the social problems that can occur by the divide that the golf course creates by stopping the public walking path.

Weaknesses

Weaknesses that the prototype might have could be the social tensions that might happen when proposing a public walking path that goes through private land. The project must be established as a benefit to all parties involved, both pedestrians, landowners and golfers.

Opportunities

The project creates opportunities for people to utilize a part of the river that has been denied them before and to encounter golf as a sport, where they might not have before. The prototype could also be a step towards taking back parts of the riverbank and remaking it to be more biodiverse than it is today.

Threats

Threats that the project might face could be from the business that is owning the golf course. The pathway is changing the landscape of the golf course and therefore also the way the players can use the ground.

S.W.O.T