

An aerial photograph of a coastal area. In the foreground, a large peninsula is densely packed with industrial buildings, mostly with flat roofs. A large, dark forest covers the central part of the peninsula. To the right, a residential area with houses and a parking lot is visible. The peninsula is surrounded by water, with several boats moving through the water, leaving white wakes. In the background, a city with various buildings and a road network is visible. The text 'Head of the Cape' is written in a large, white, serif font across the middle of the image, and 'Explore the Seclusion' is written in a smaller, white, sans-serif font below it.

Head of the Cape

Explore the Seclusion

Stefan van den Eshof
4640705

Content of presentation

Hembrug in general

Research question

Future use

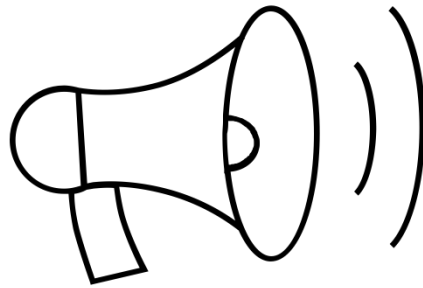
Design approach

Designs

Reflection

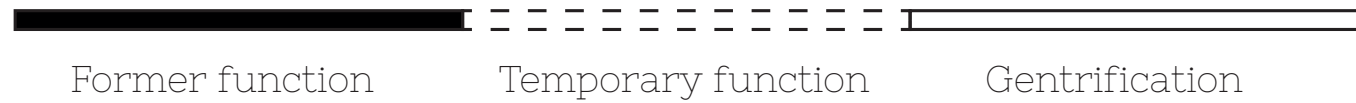
Preservation and renewal in existing architecture

Statement

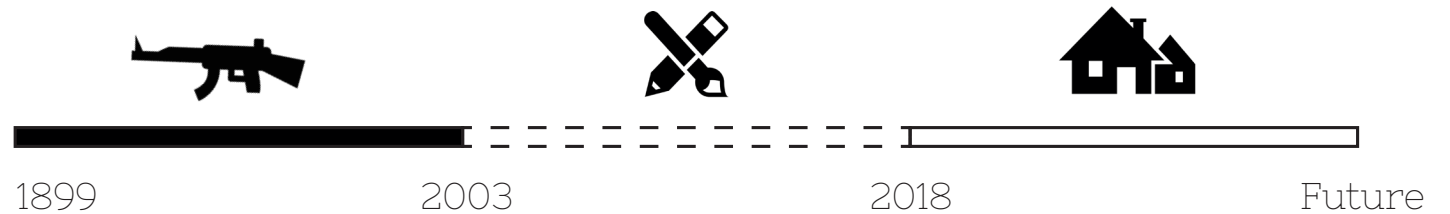


Gentrification vs. Creative industry

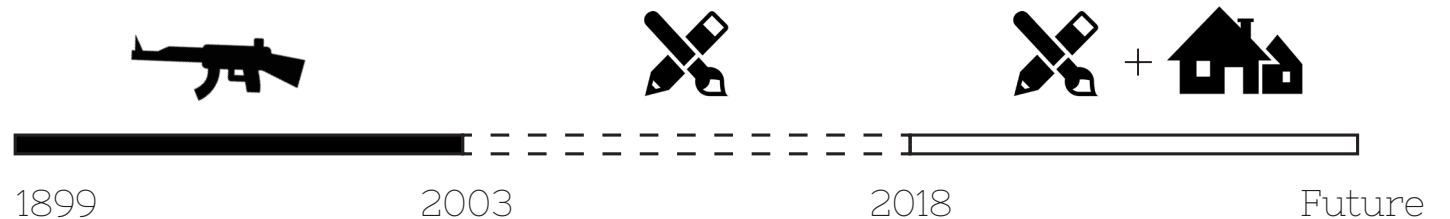
General transformation
process of industrial areas



Hembrug according general
transformation process



Hembrug according XX
transformation process



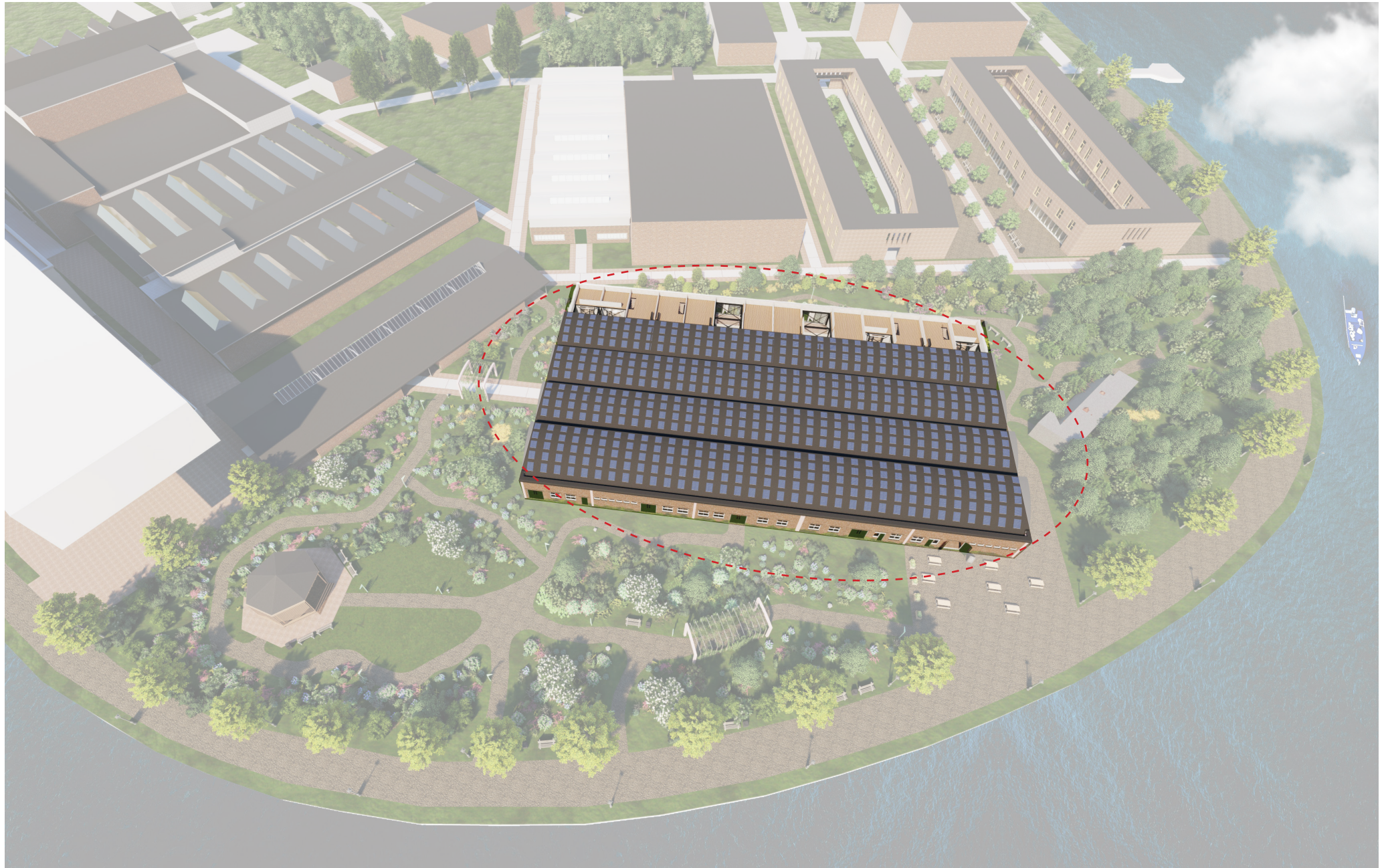
Create a place for the creative industry



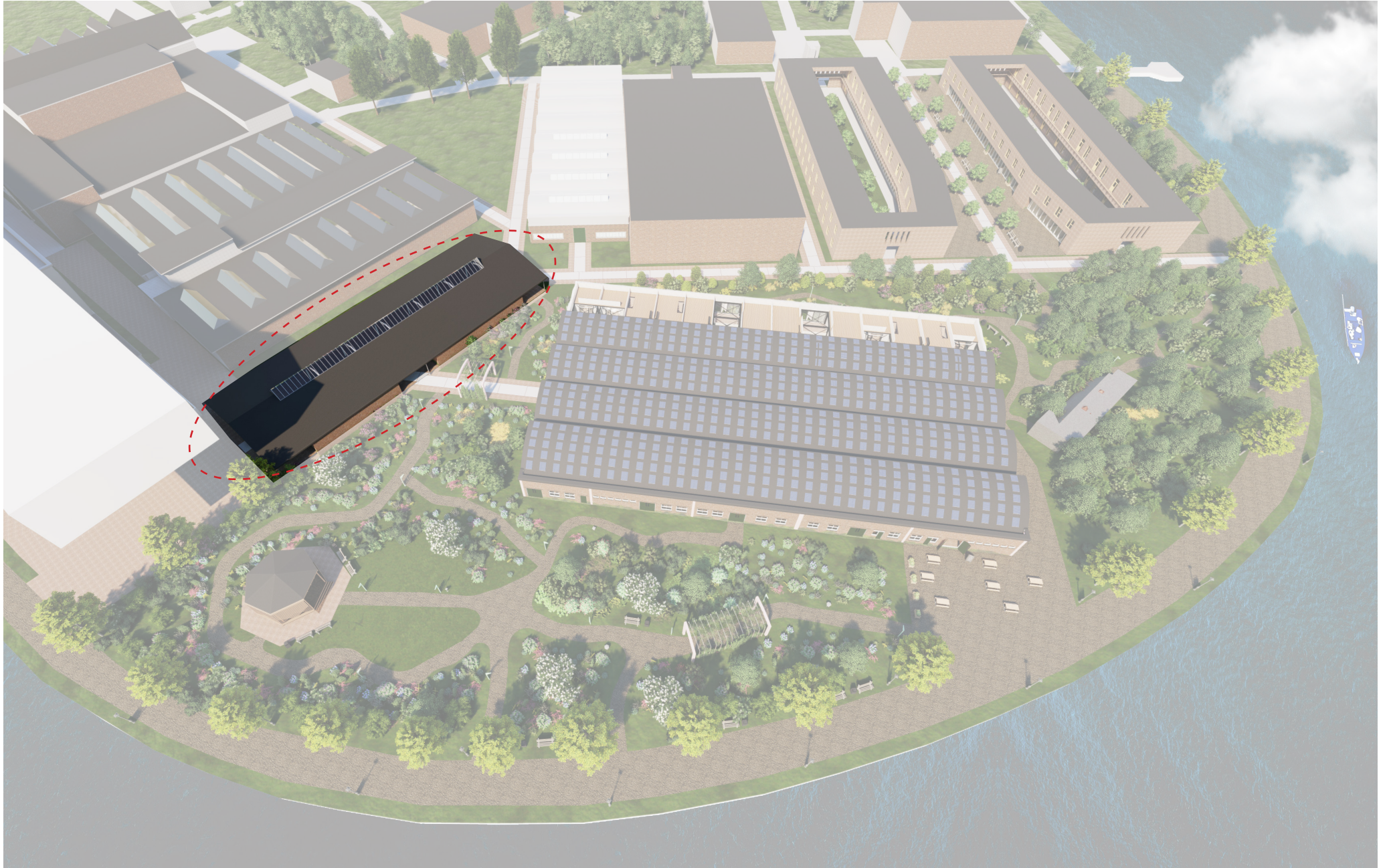
Artist housing and workspace



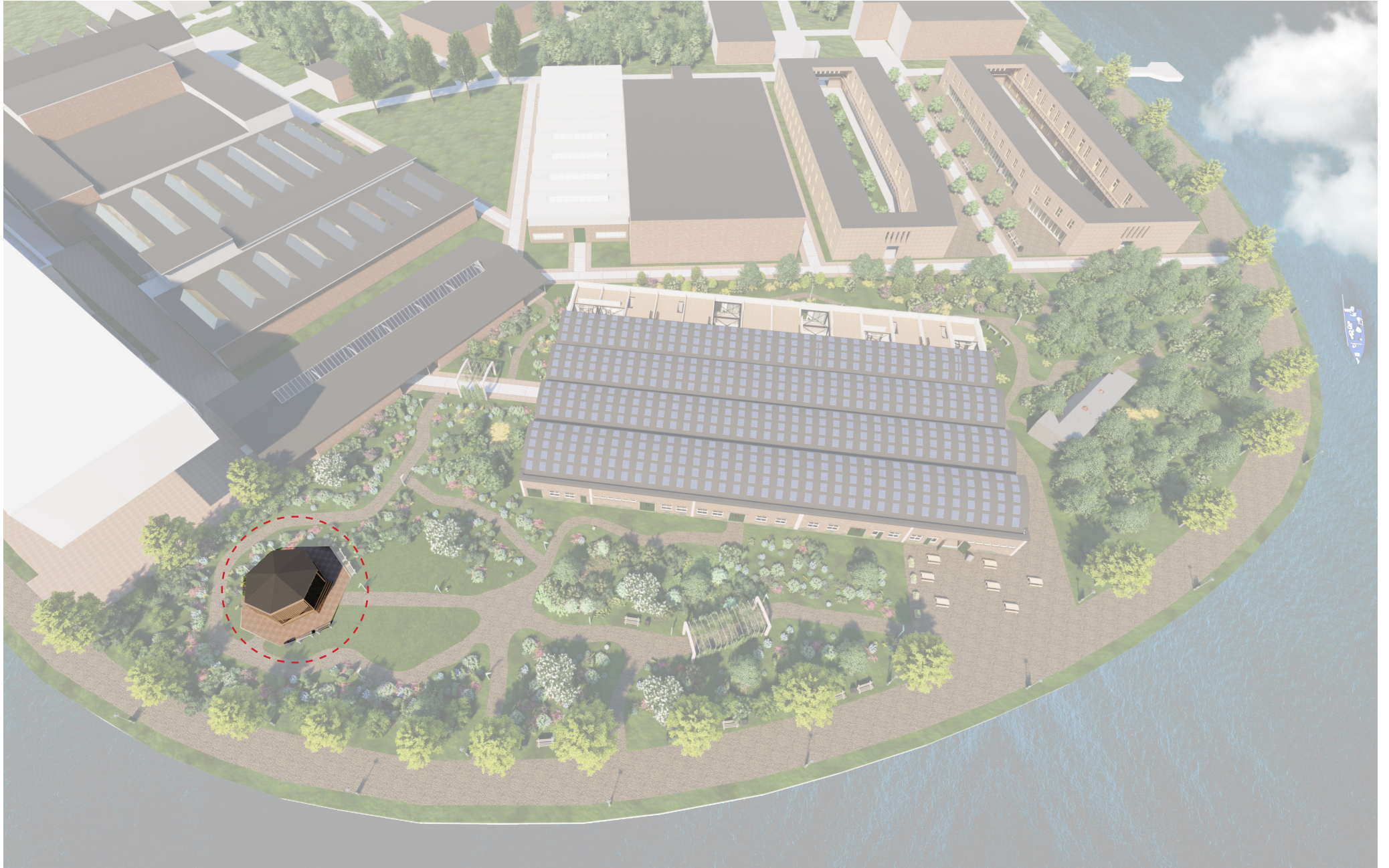
Artist housing and workspace



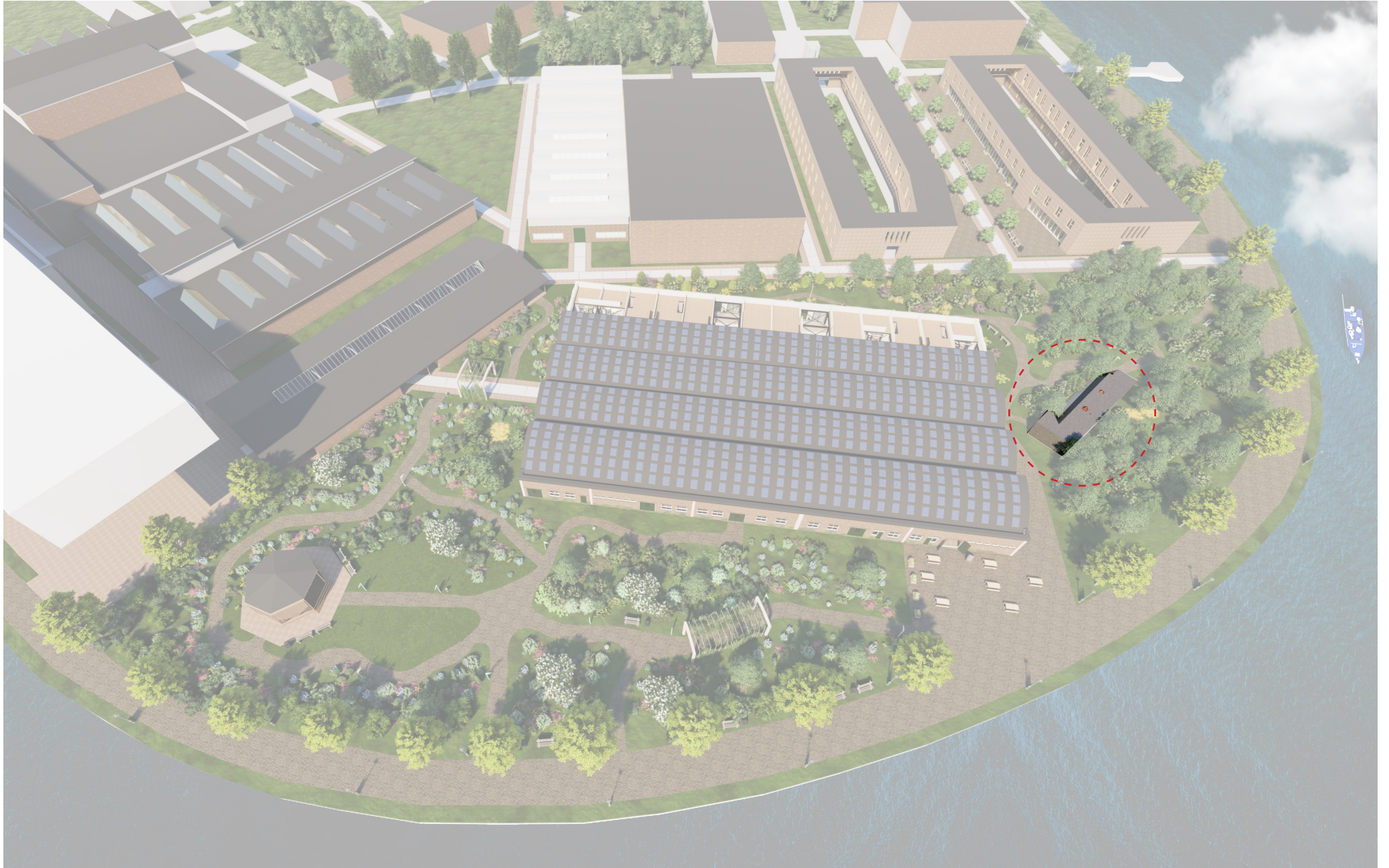
Open market and exhibition



Gazebo



Bunker

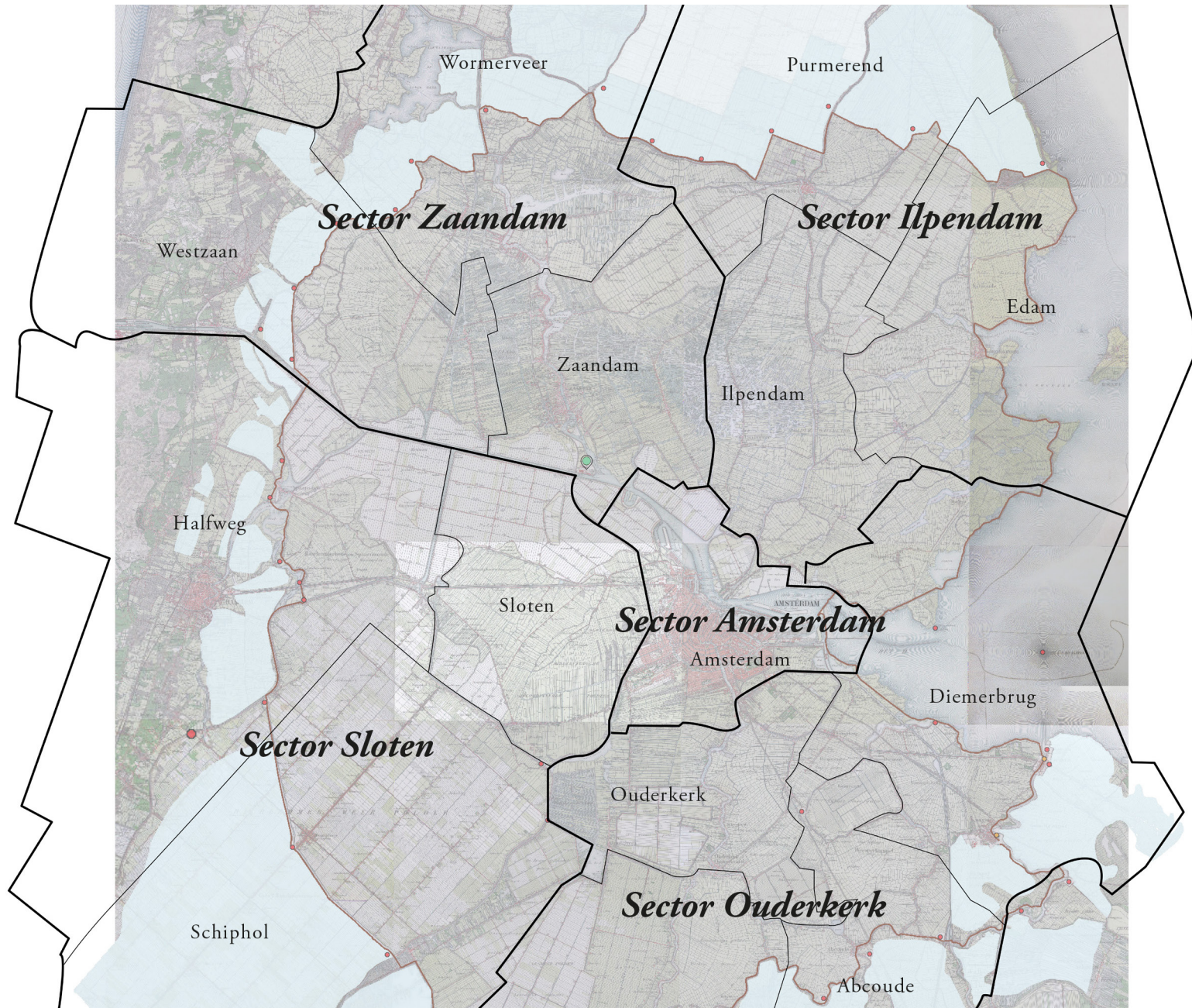


Hembrug in general

Location



Stelling van Amsterdam



Hembrug



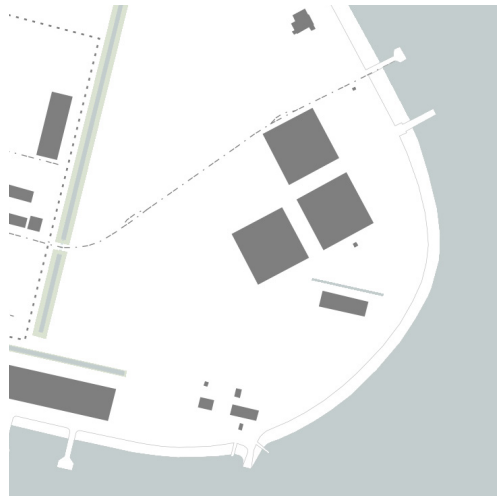
Ensembles



Ensembles



Development Head of the Cape



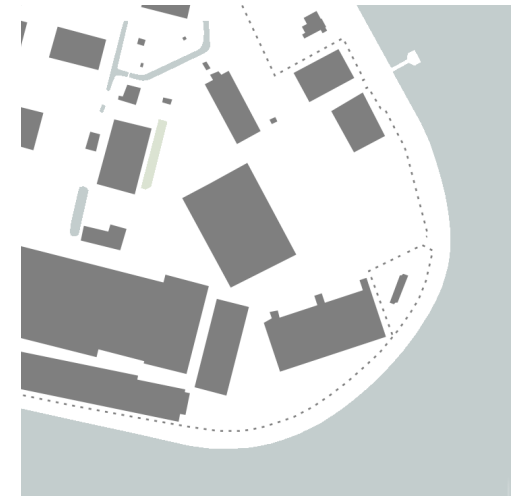
1901



1924



1941



1996



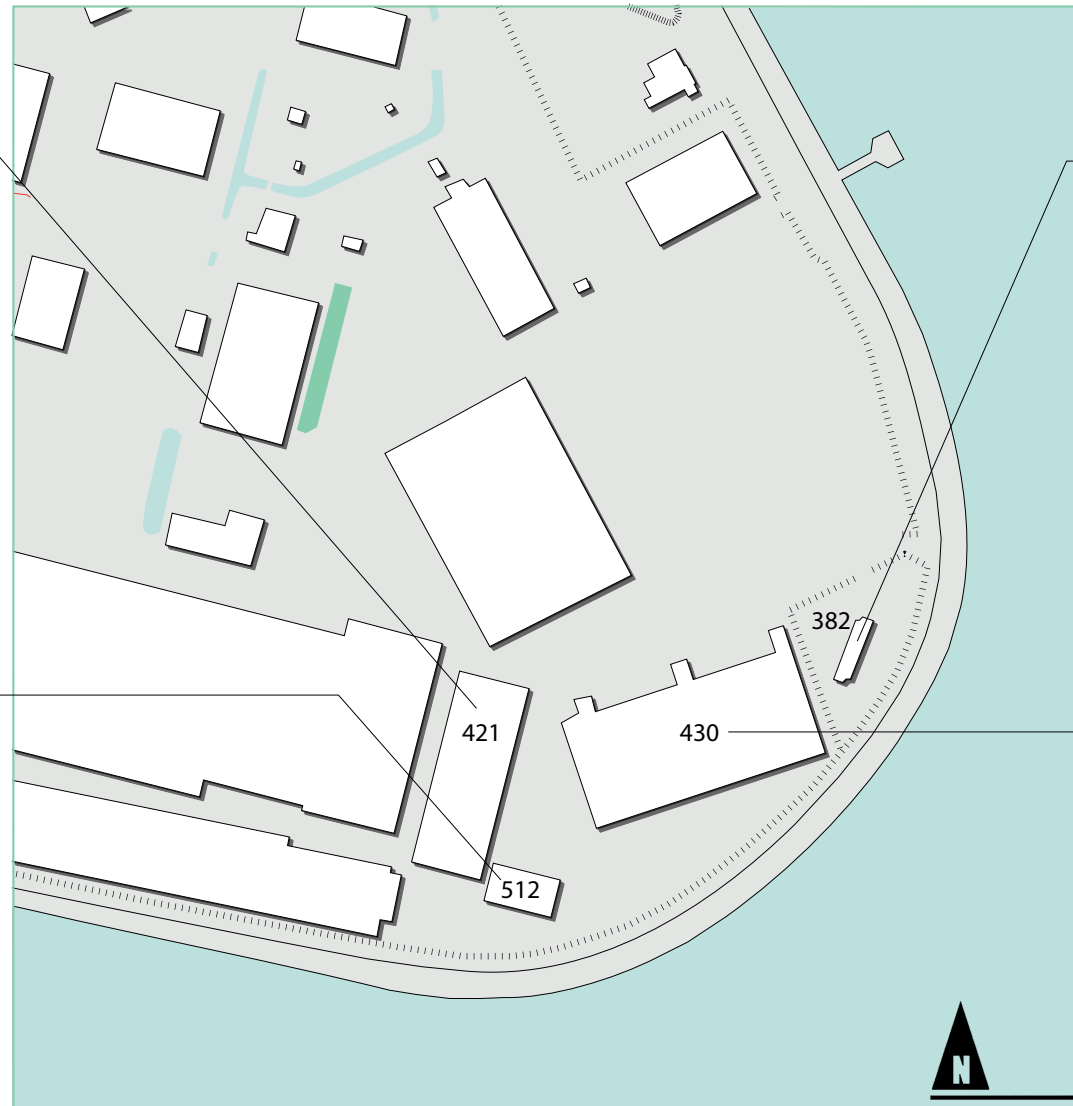
Overview of the buildings



Building name: Projectile Workshop
Building number: 421
Building year: 1952
Monument: No
Surface: 1.129 m²
Ridge height: 8 m
Former function: Projectiles workshop, washroom, fire brigade



Building name: Romneyloods
Building number: 512
Building year: 1980
Monument: No
Surface: 220 m²
Ridge height: 5,5 m
Former function: Storage



Building name: Bunker
Building number: 382
Building year: 1939
Monument: National
Surface: 107 m²
Ridge height: 3,2 m
Former function: Bunker

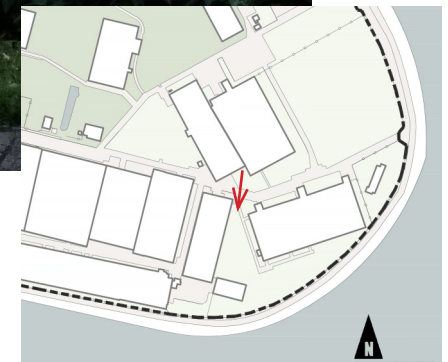


Building name: Ammunition Factory
Building number: 430a/b
Building year: 1958
Surface: 2.369 m²
Ridge height: 8 m
Former function: Assembling ammunition

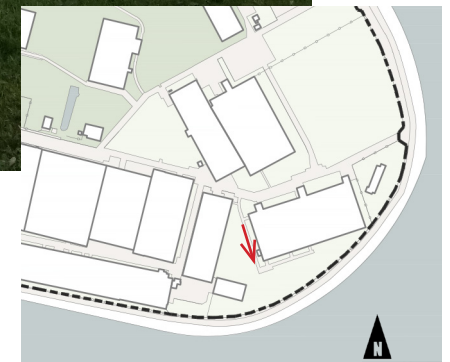
First experience



First experience



First experience

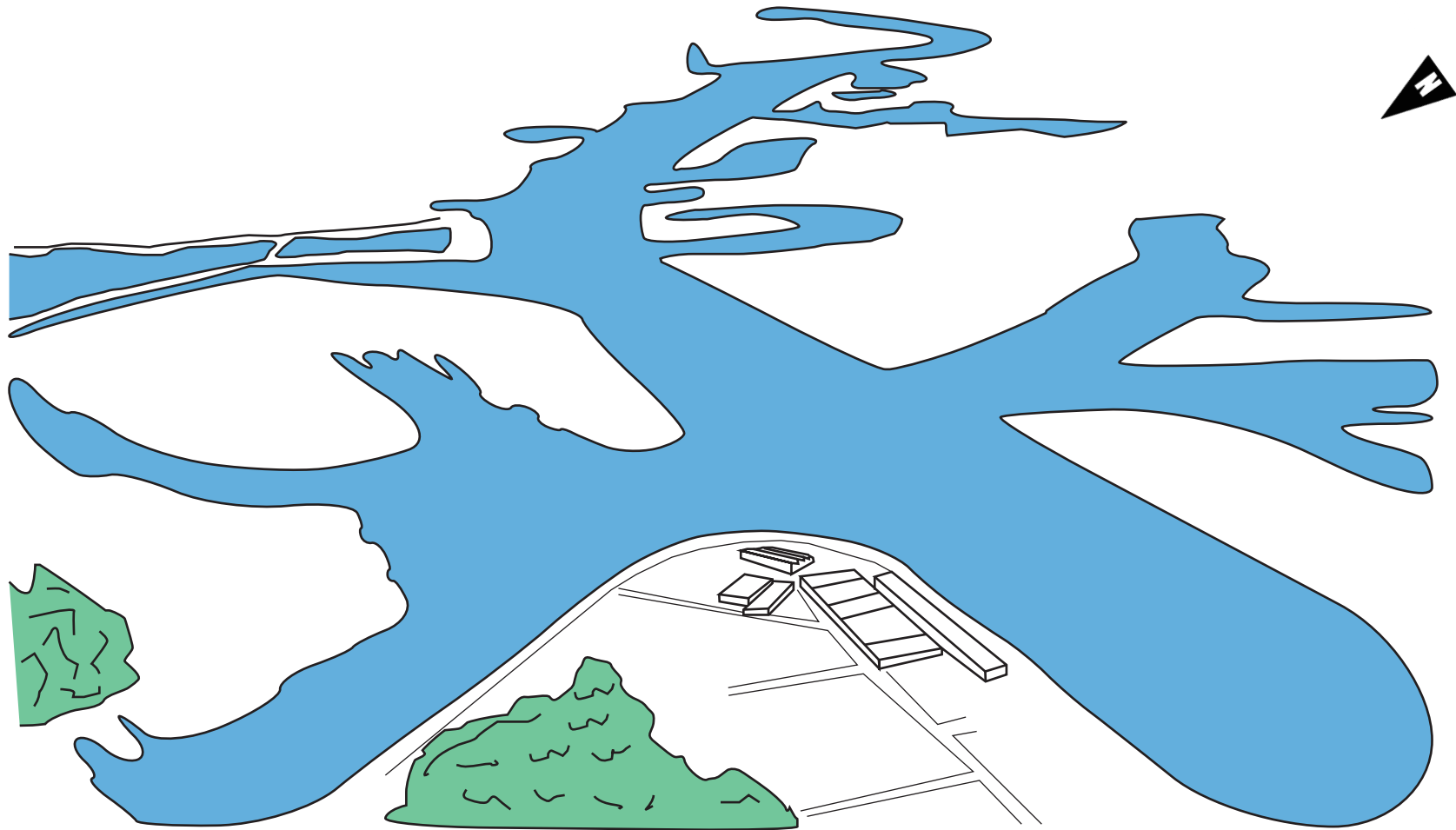


First experience

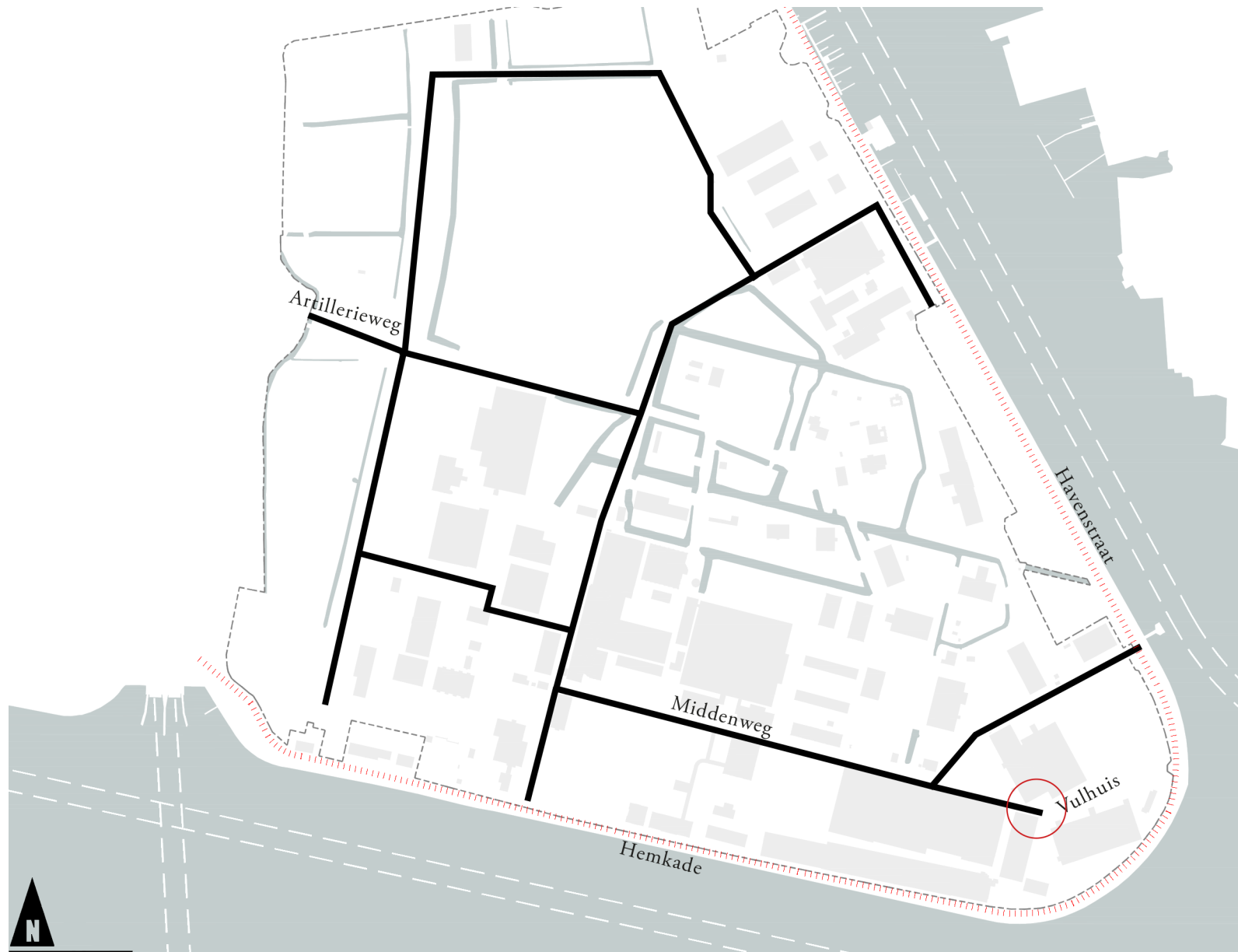


“What composes the
character of the
Head of the Cape?”

The face of Hembrug



Secluded from inland



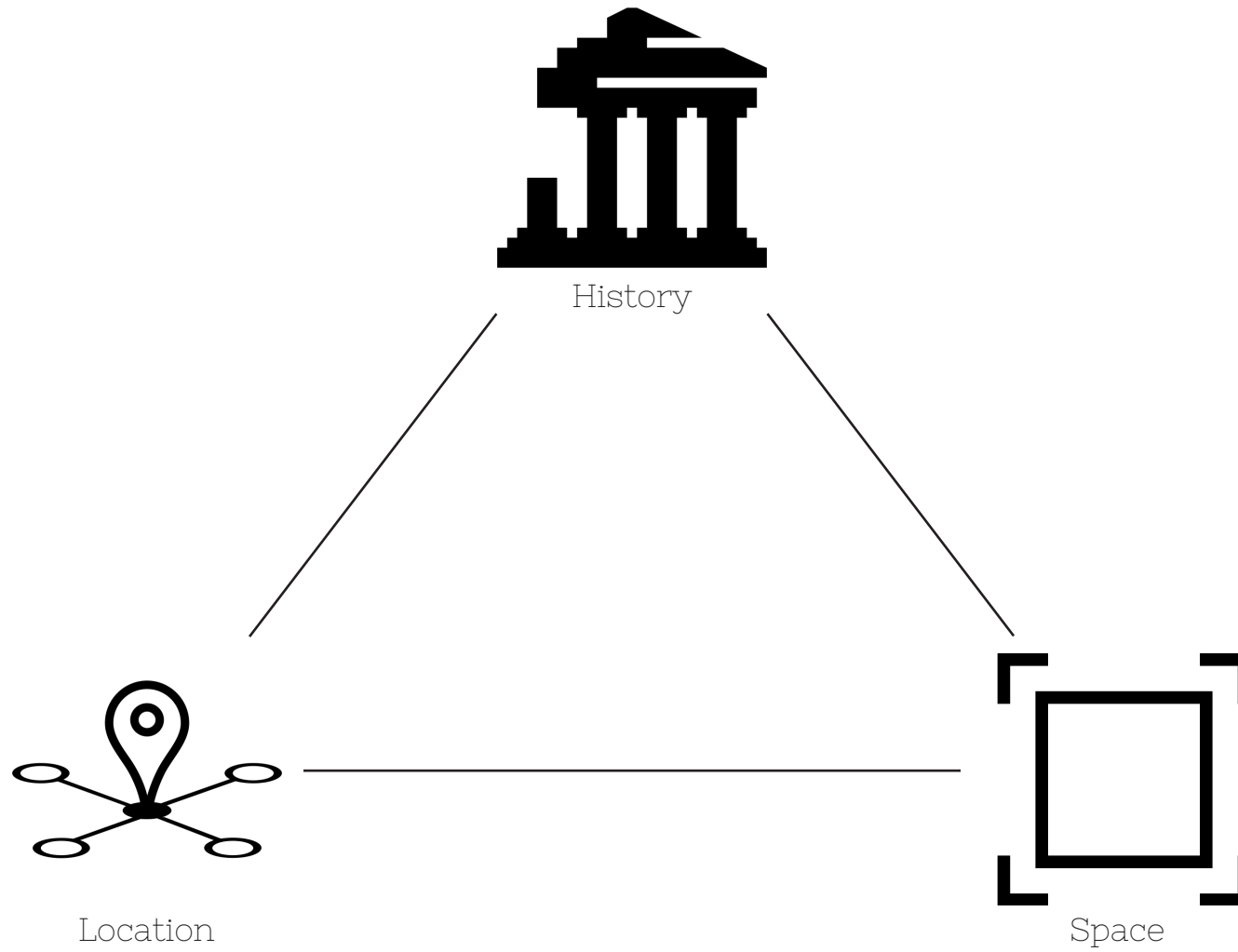
Off Grid



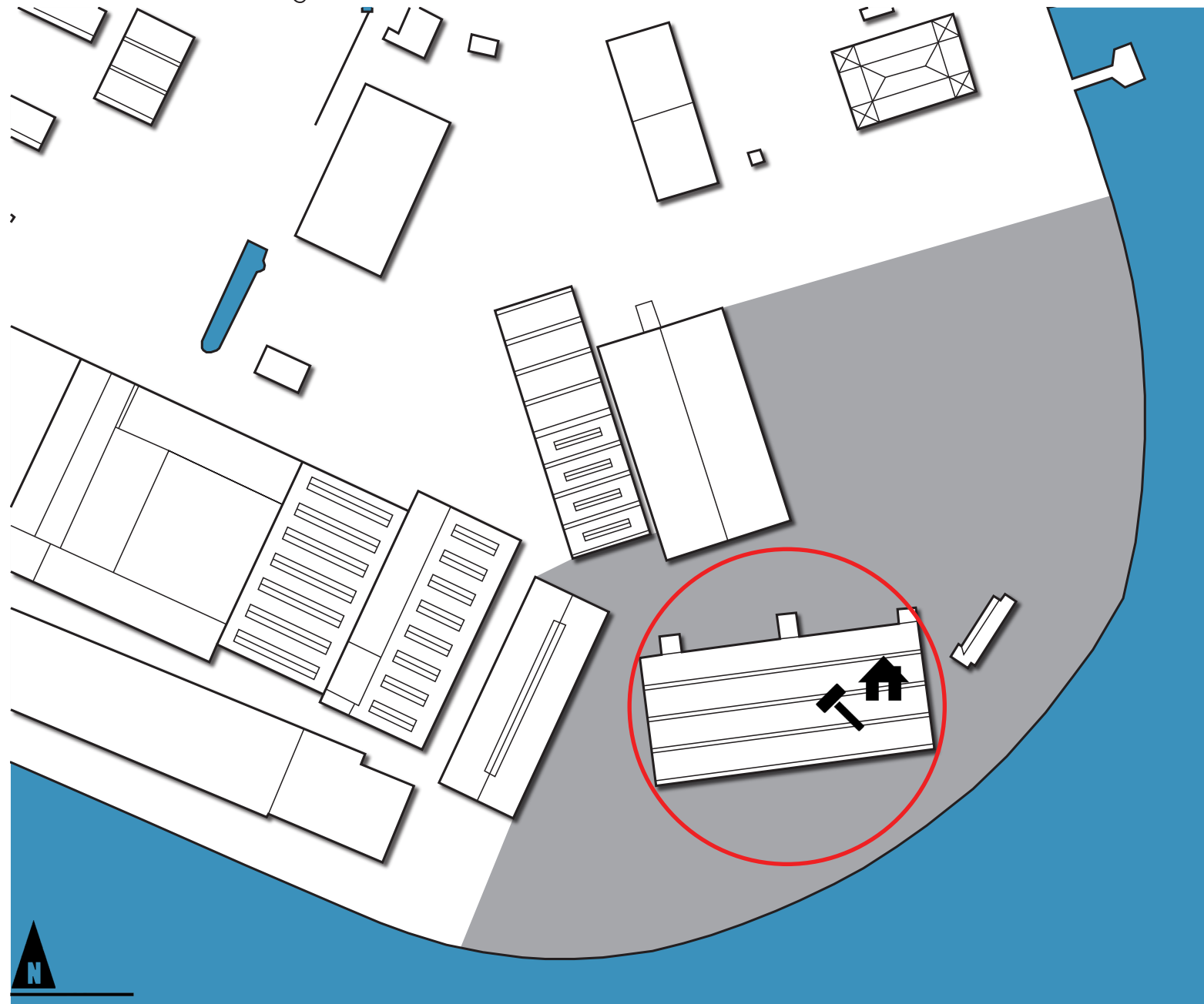
Sight lines



Characteristics of the Cape



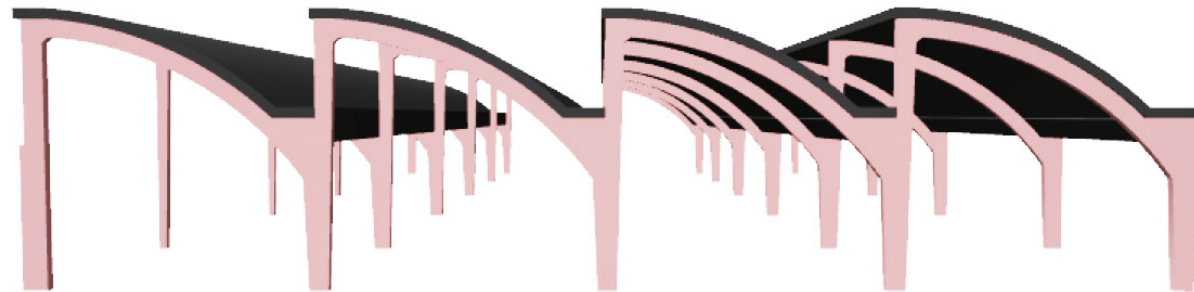
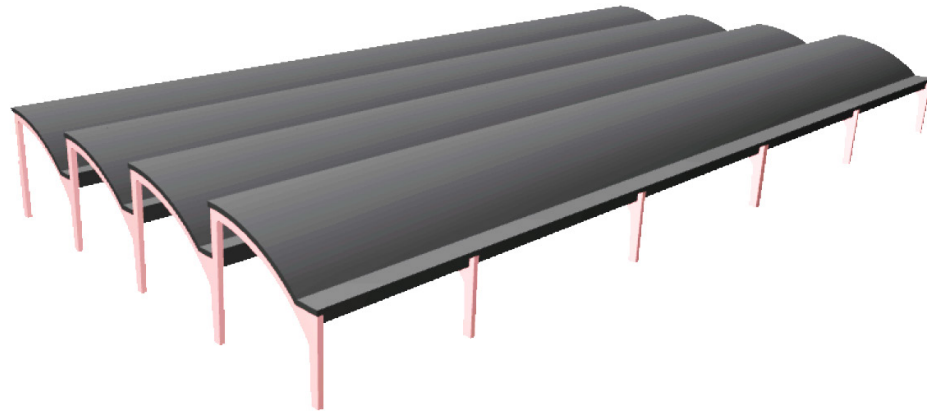
Ammunition Factory



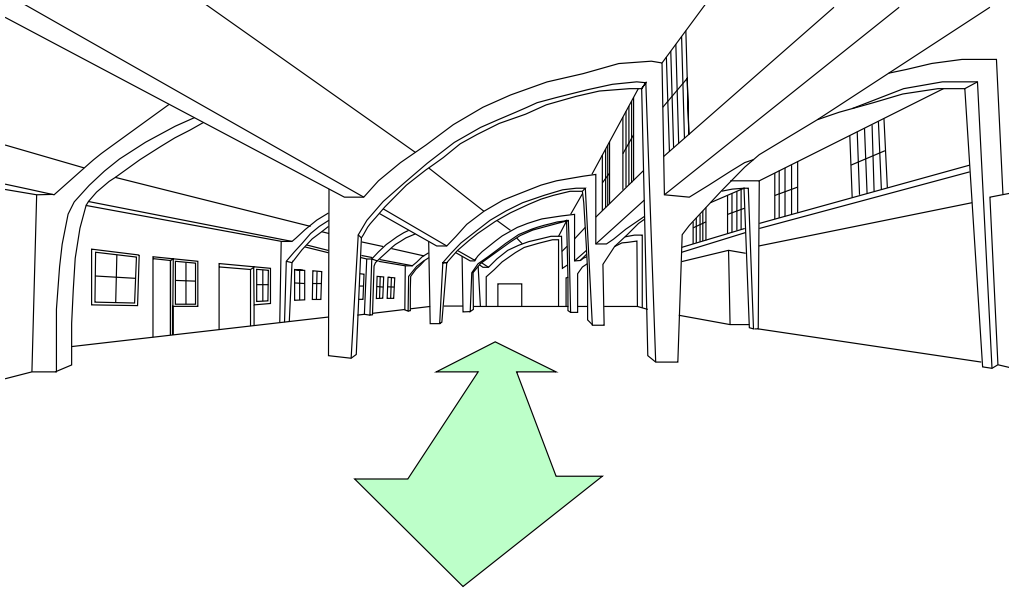
Ammunition Factory



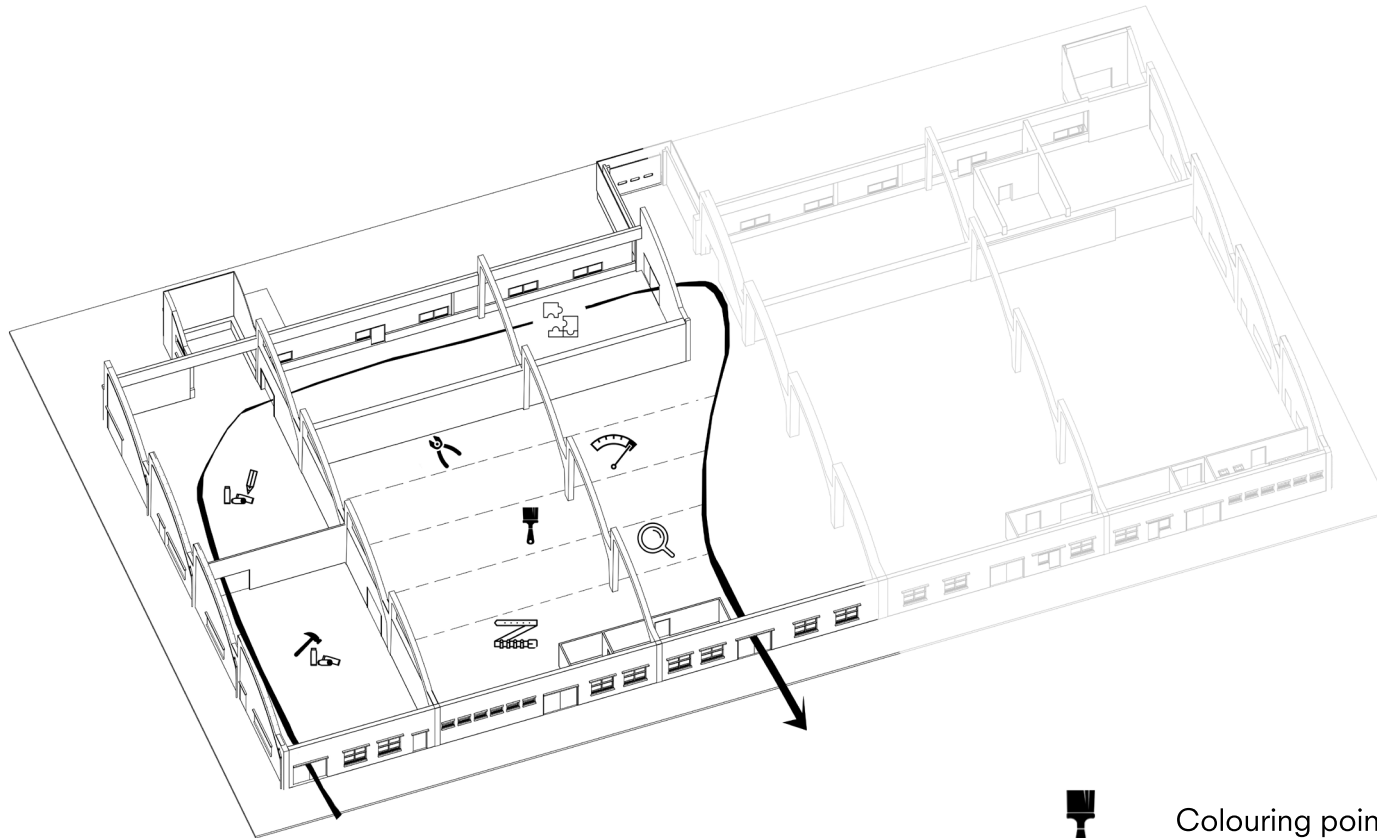
Building Typology




Spacious characteristics




Former use and function




 Crimping


 Gauging, riveting and varnishing cartridge cases


 Filling link-belts

 Cartridge loading and assembling

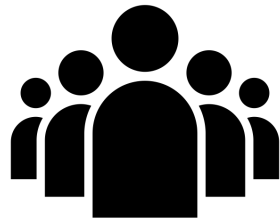
 Colouring point of bullet

 Gauging on dimension and weighing

 Marking cartridge cases

 Visual inspection

Future use and function



Target group



Creative industry

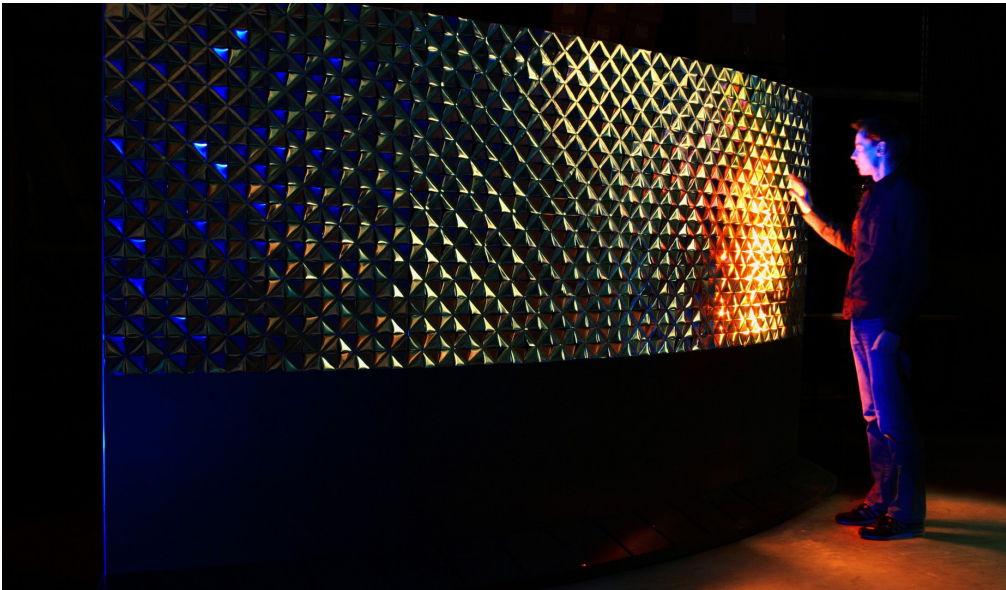
Daan Roosegaarde



Waterlicht



Van Gogh Path

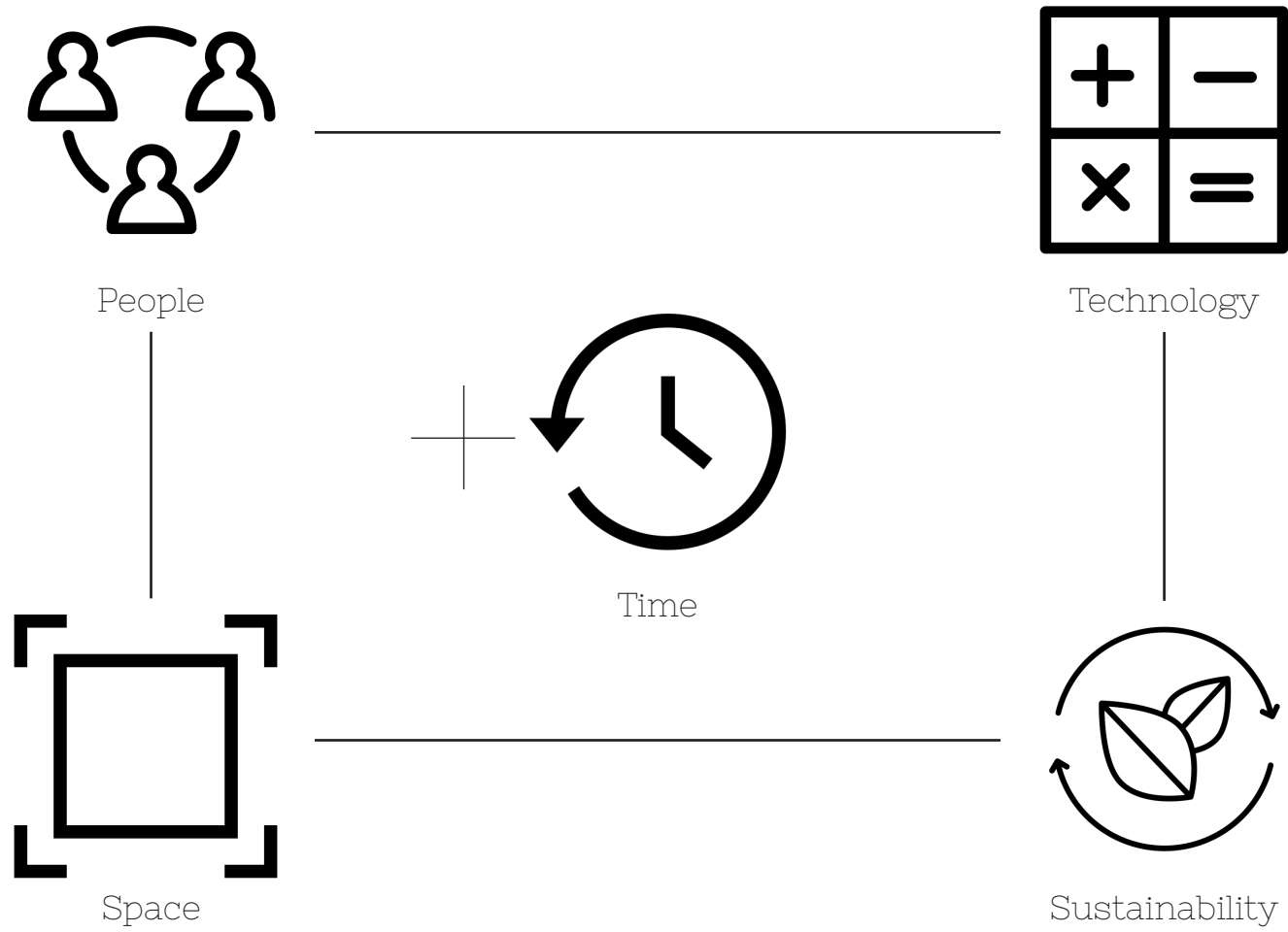


Lotus

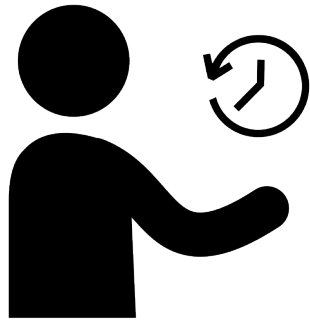


Smog Free Project

Profile



Hembrug's story

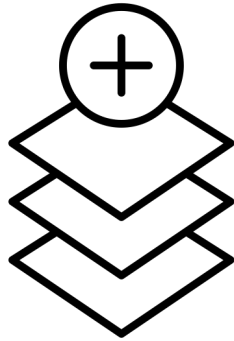


Explain the history

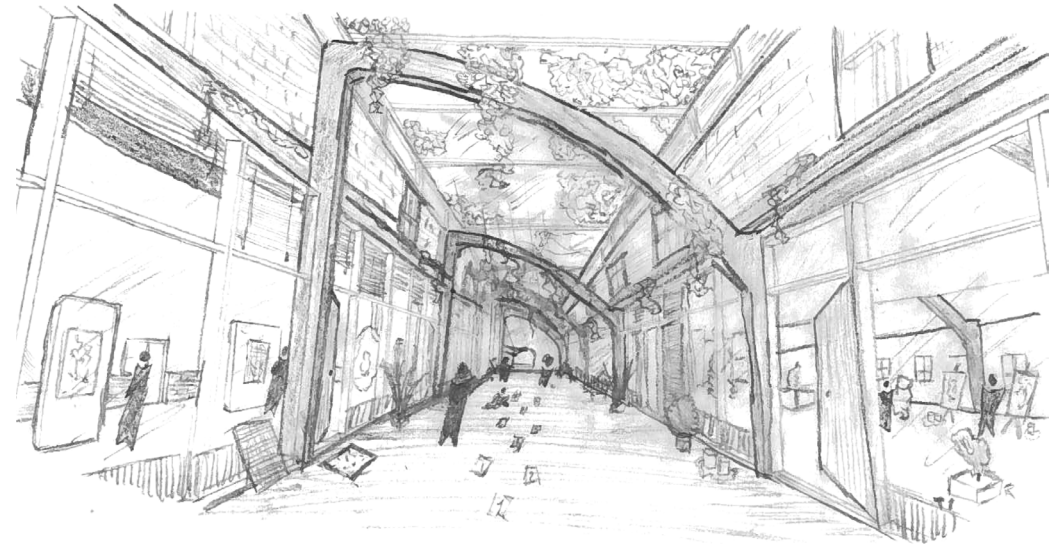


Former story

Hembrug's story

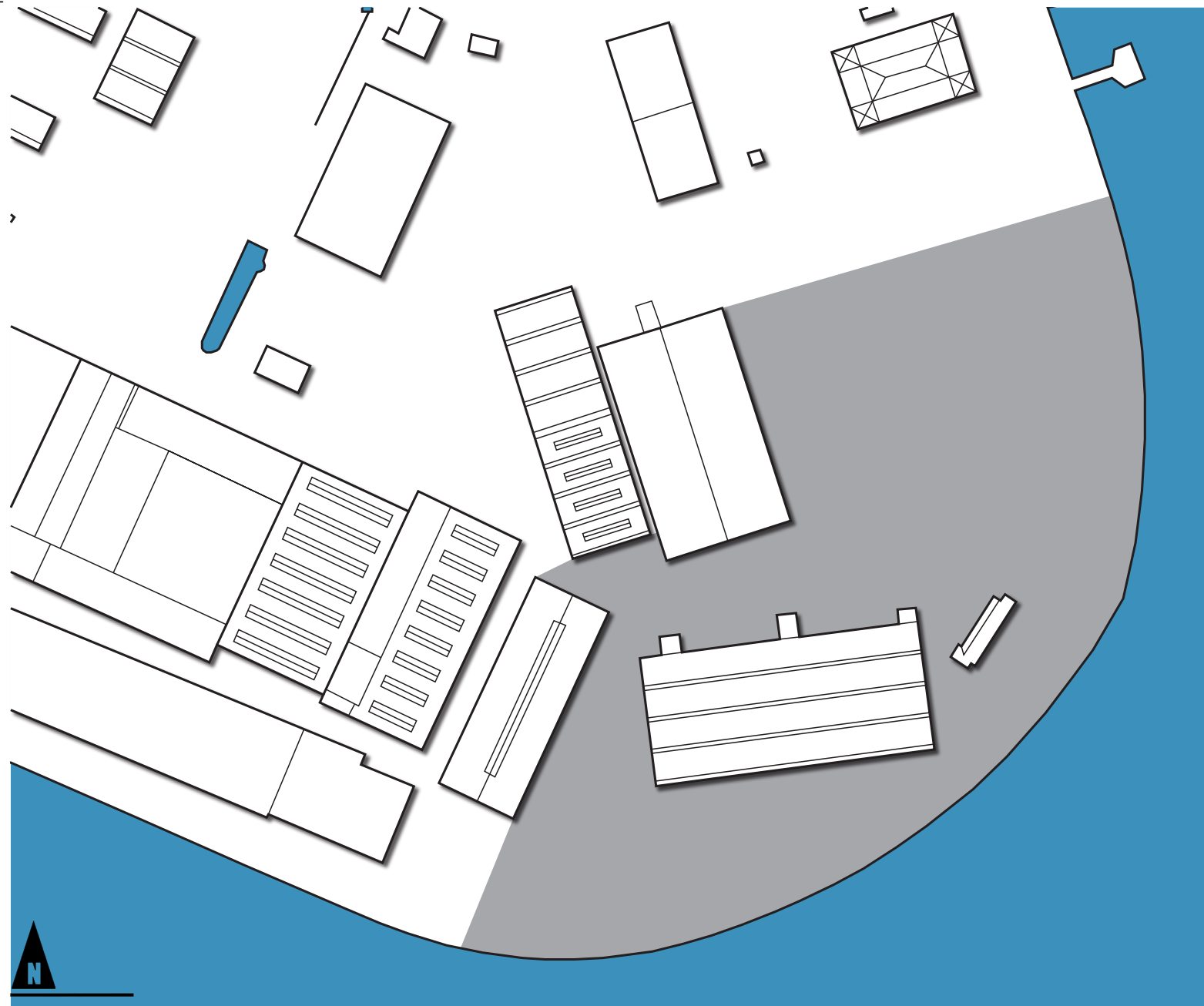


Add new time layer

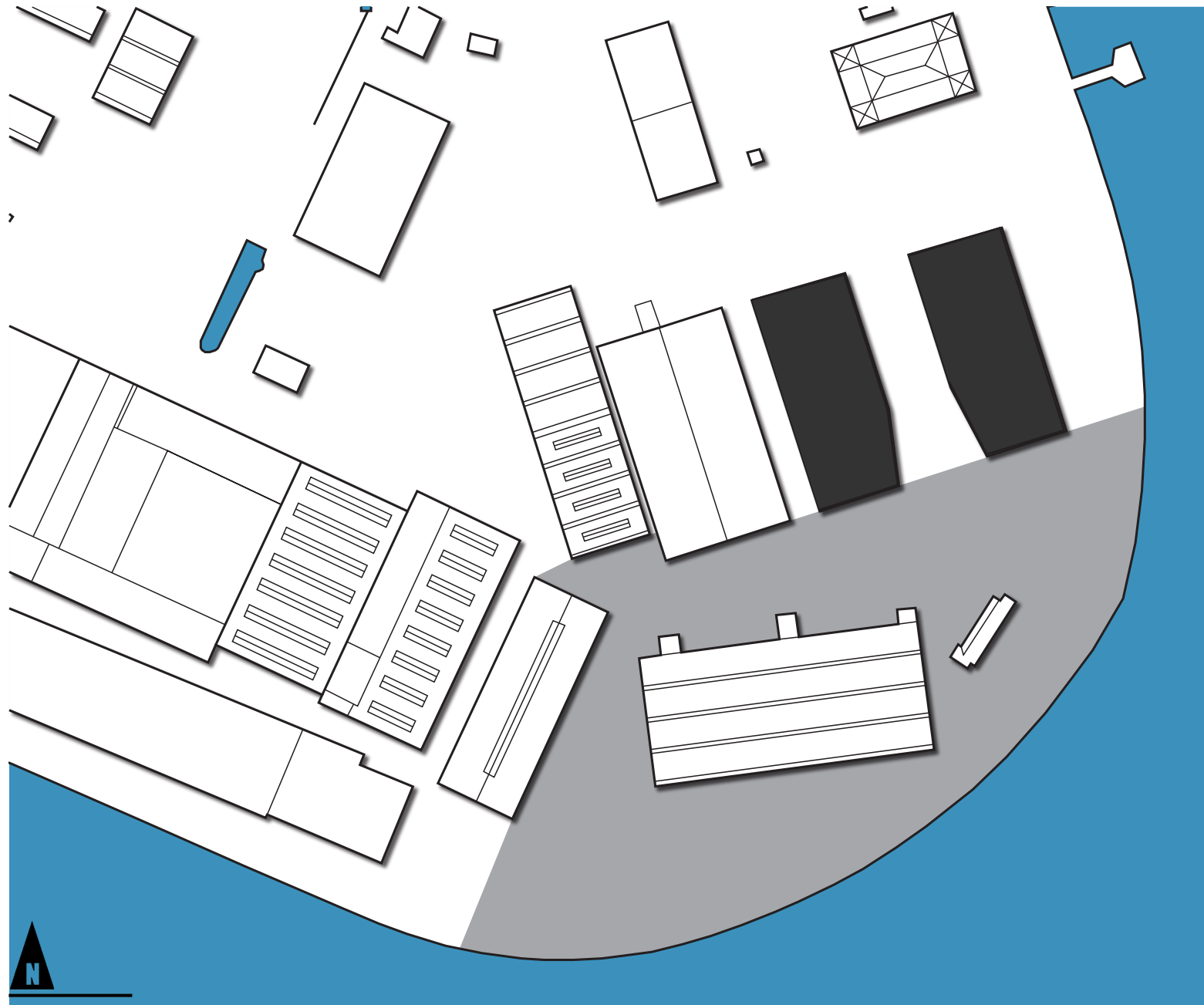


Future story

Open space current situation



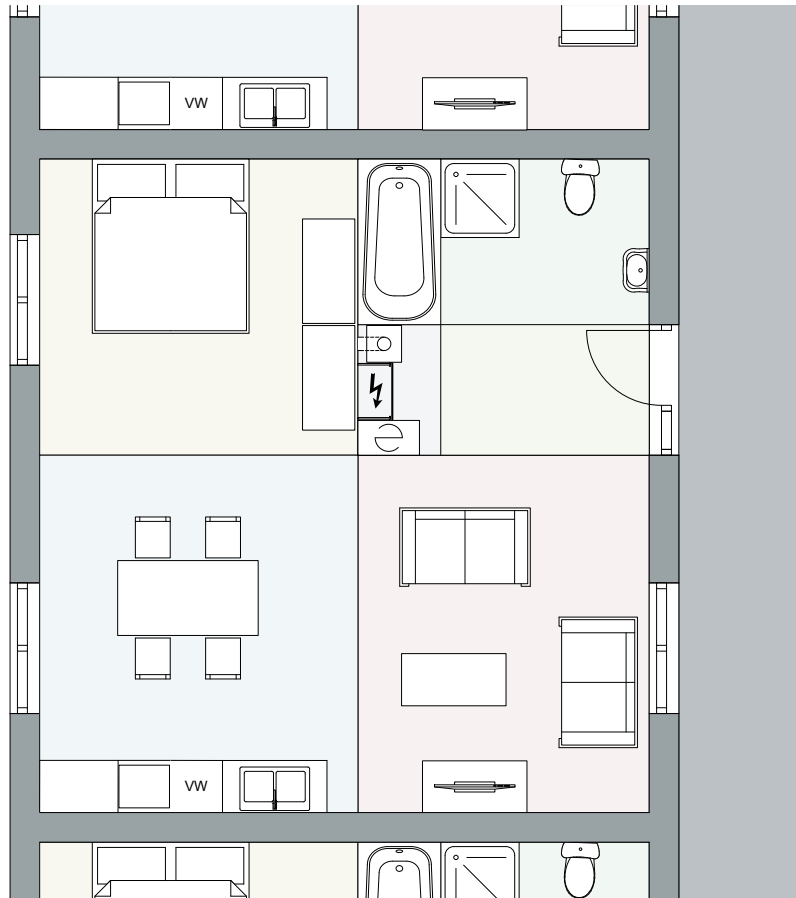
Emphasize on the seclusion



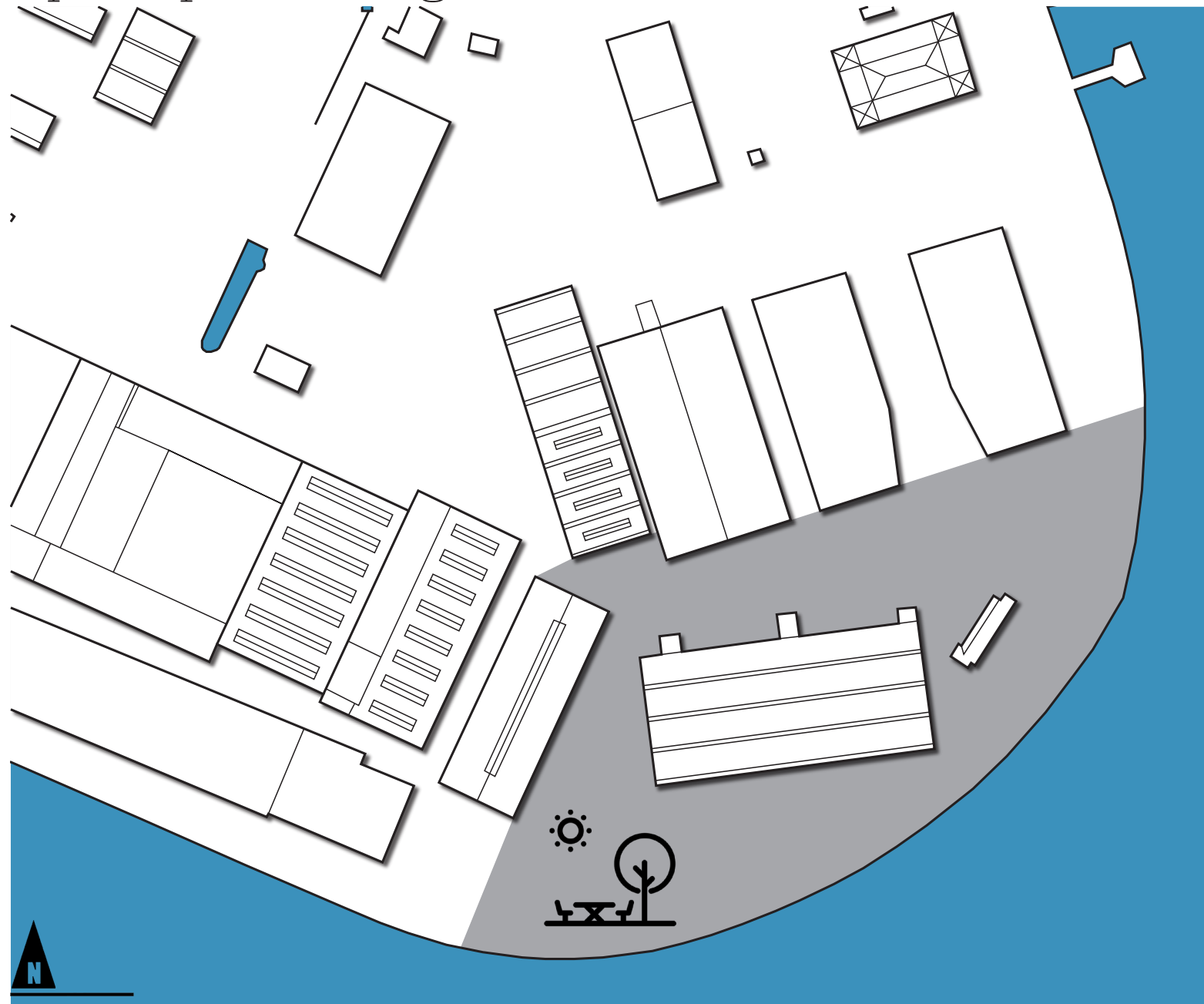
Impression



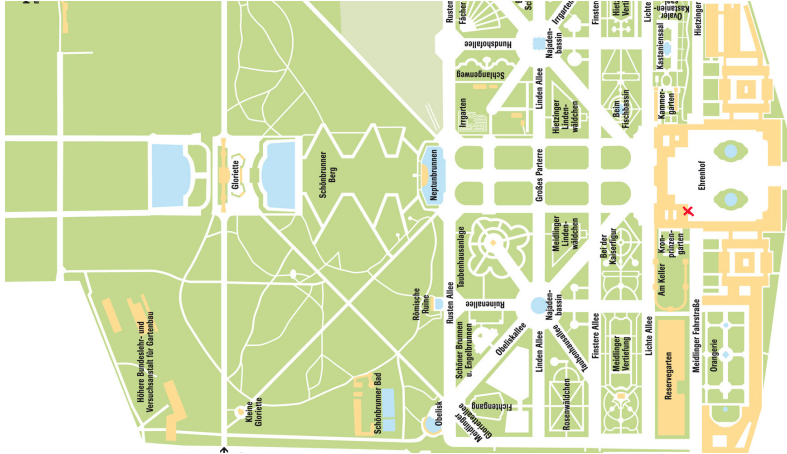
Floorplan



Use the open space as a garden



Use the open space as a garden



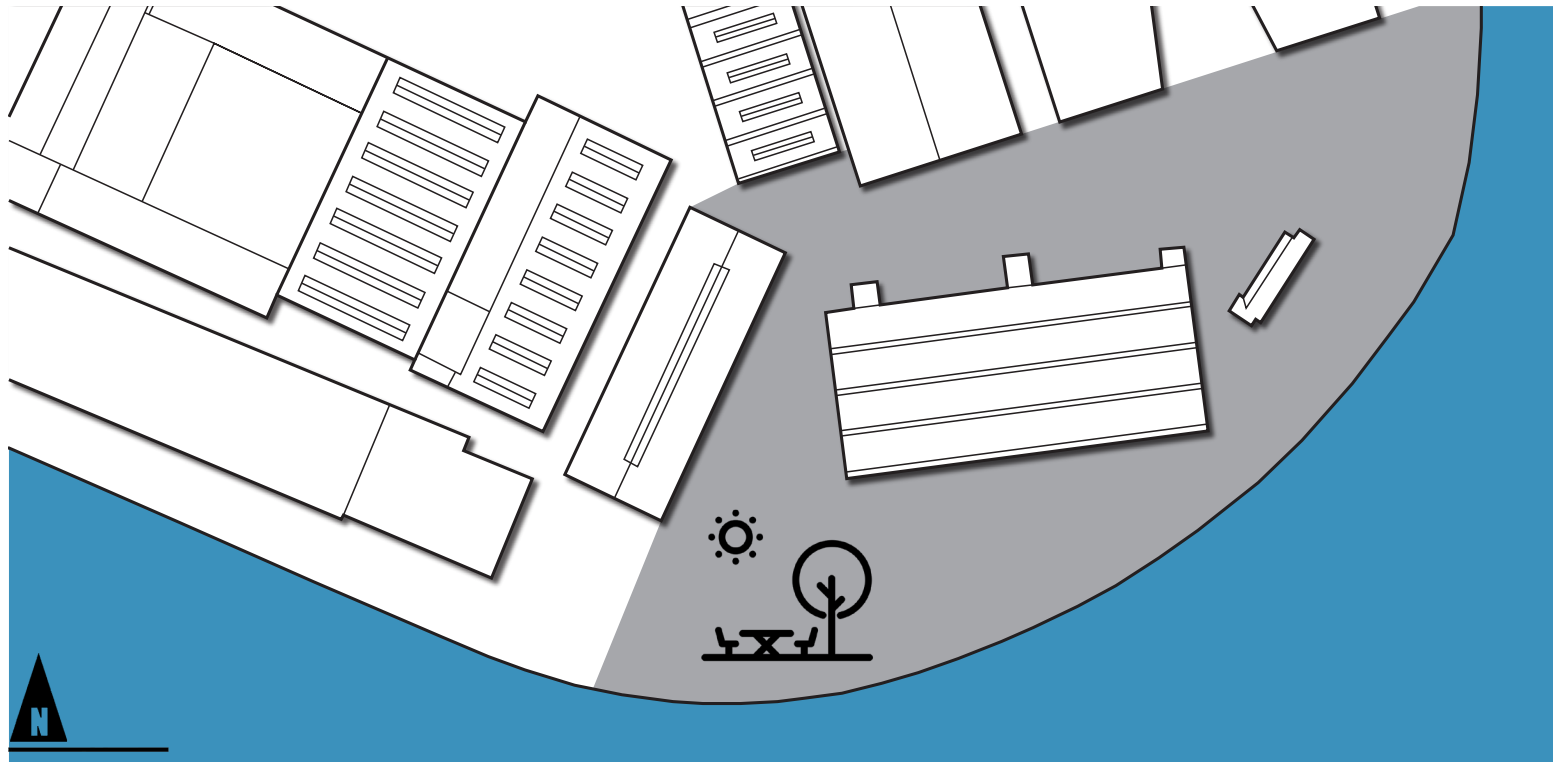
Schonbrunn, Vienna



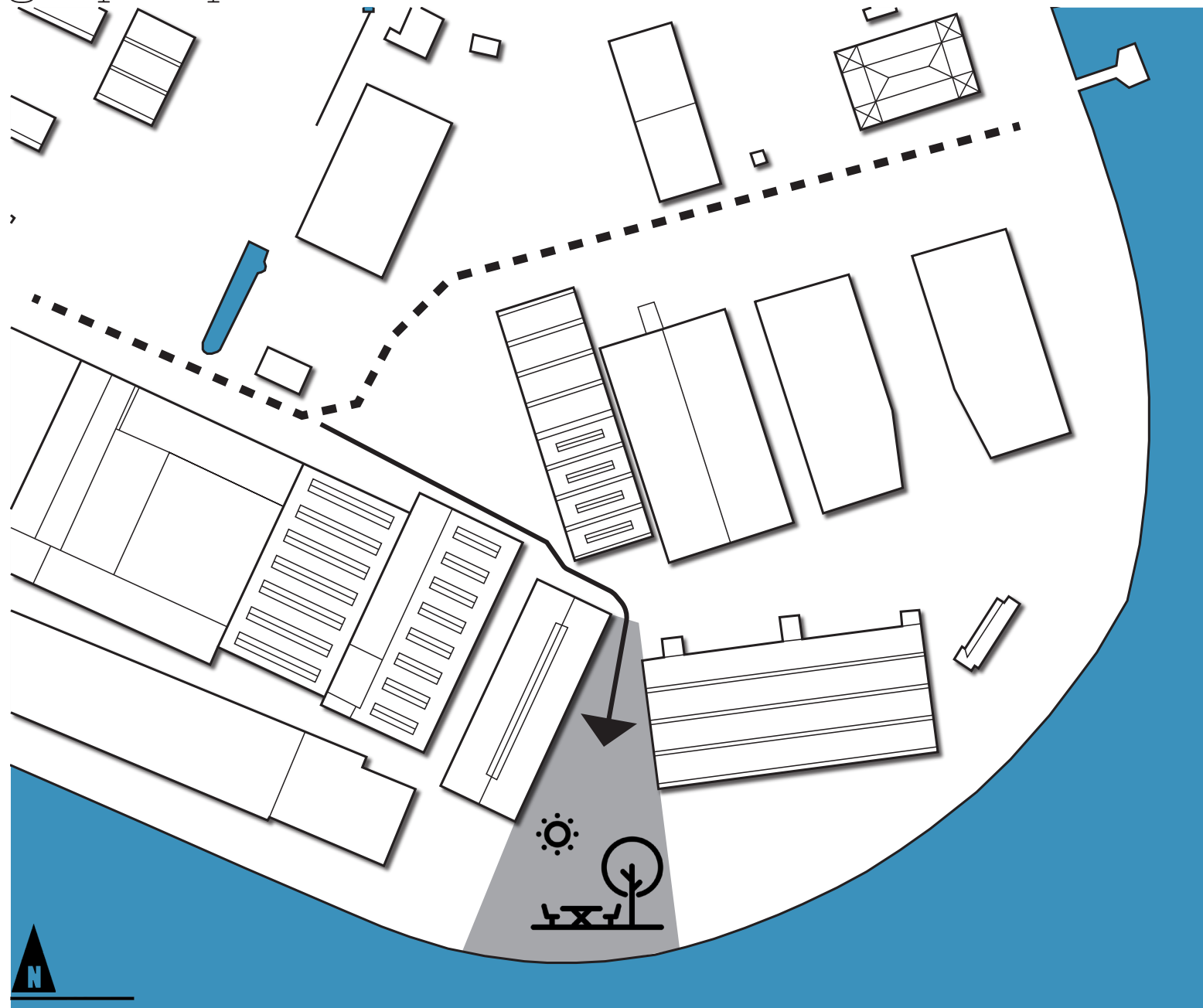
Pergola tunnel



Stourhead, United Kingdom



'Opening-up' experience



“How to deal with
the event ground of
the Kogelfariek?”

Development Kogelfabriek

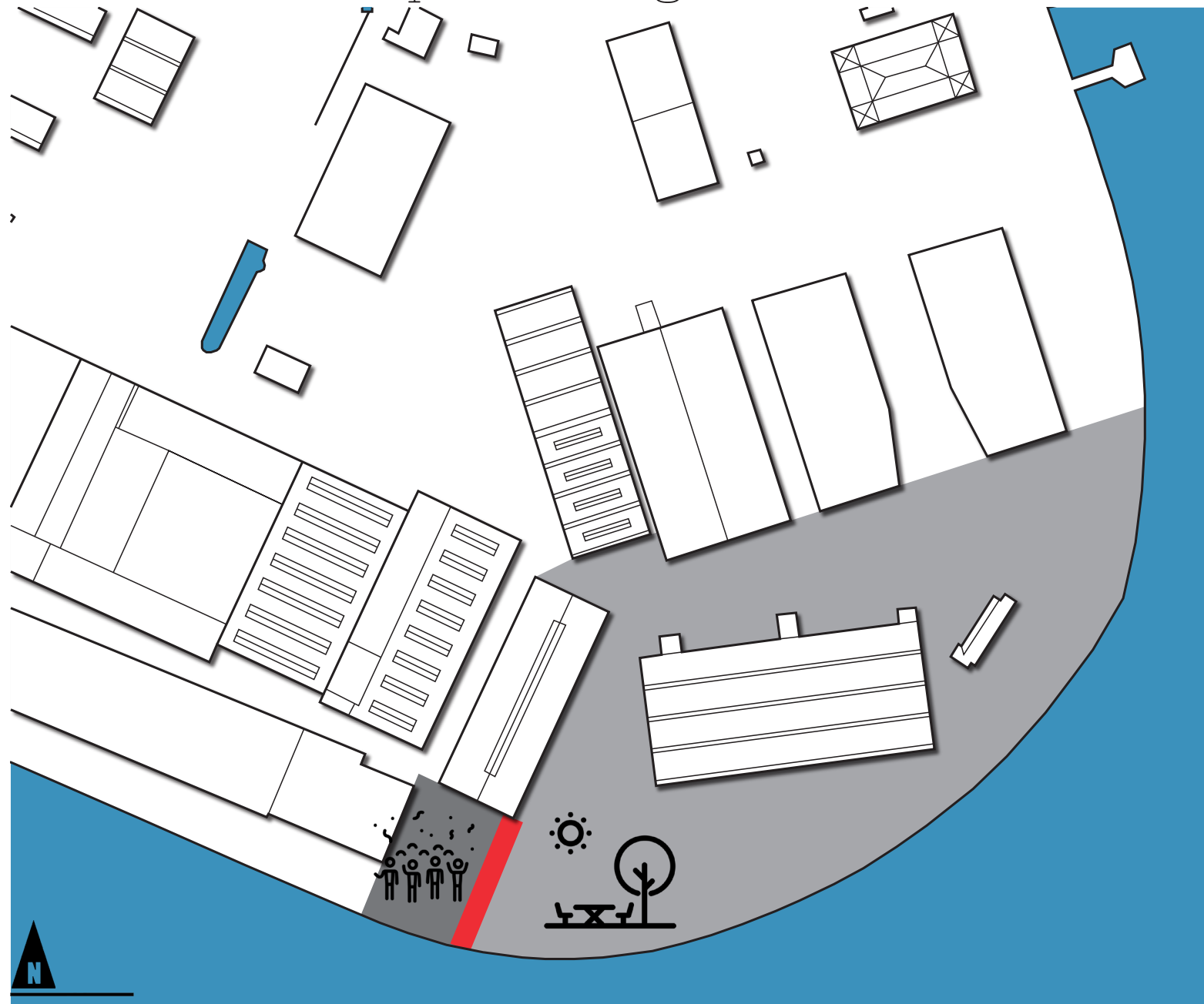


Design by OMA

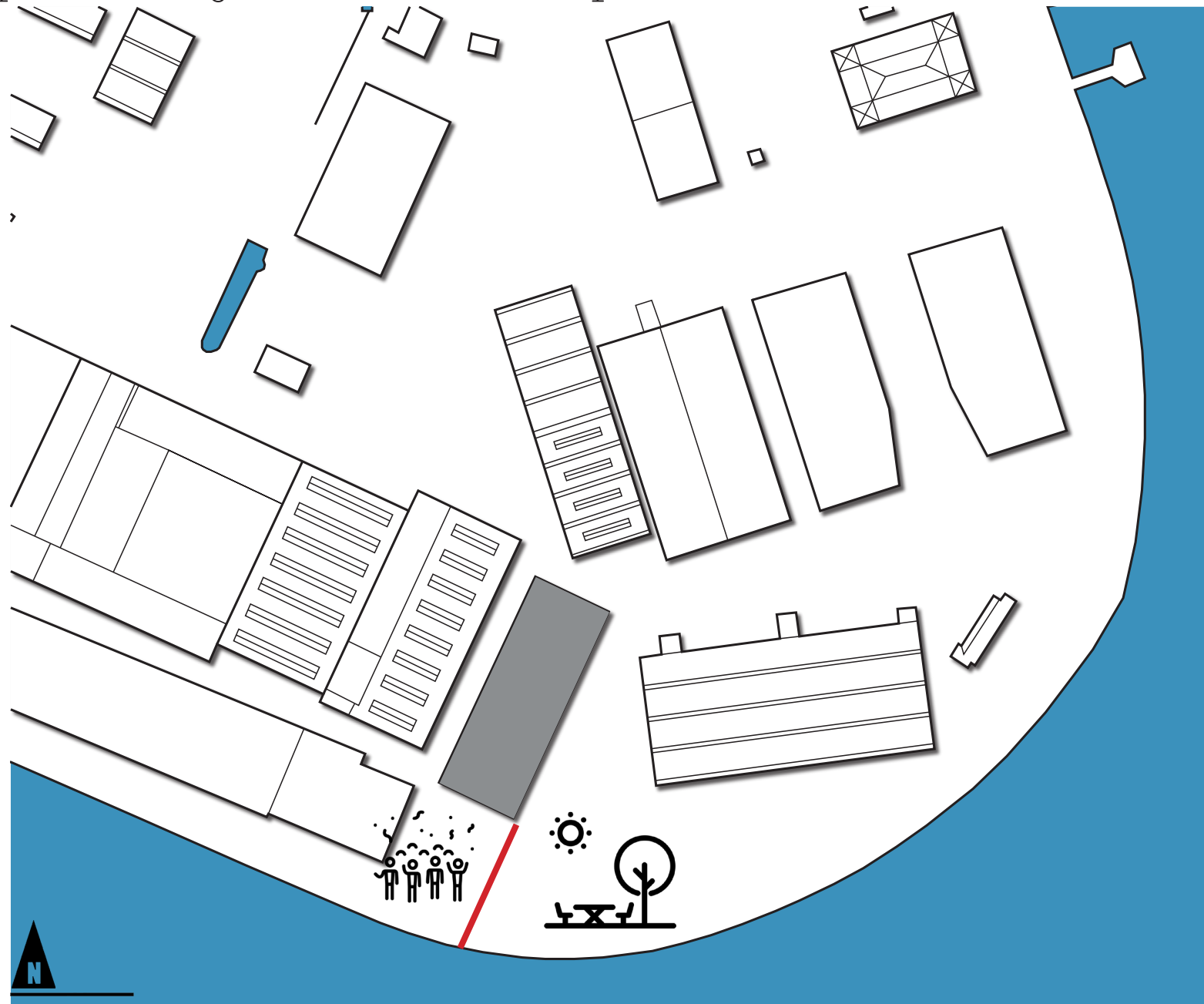


Approximately 5.000 visitors a day

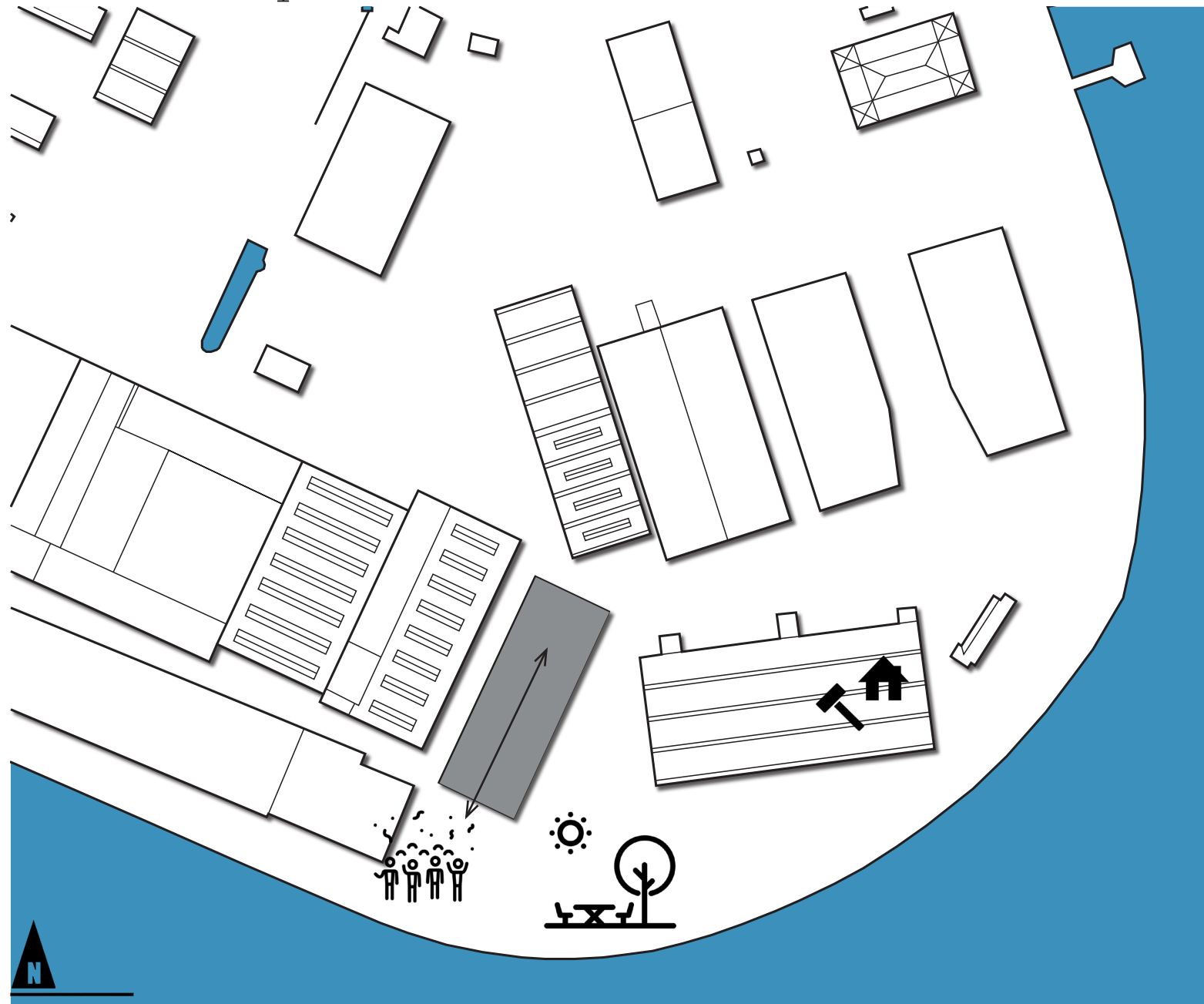
Contrast between the square and garden



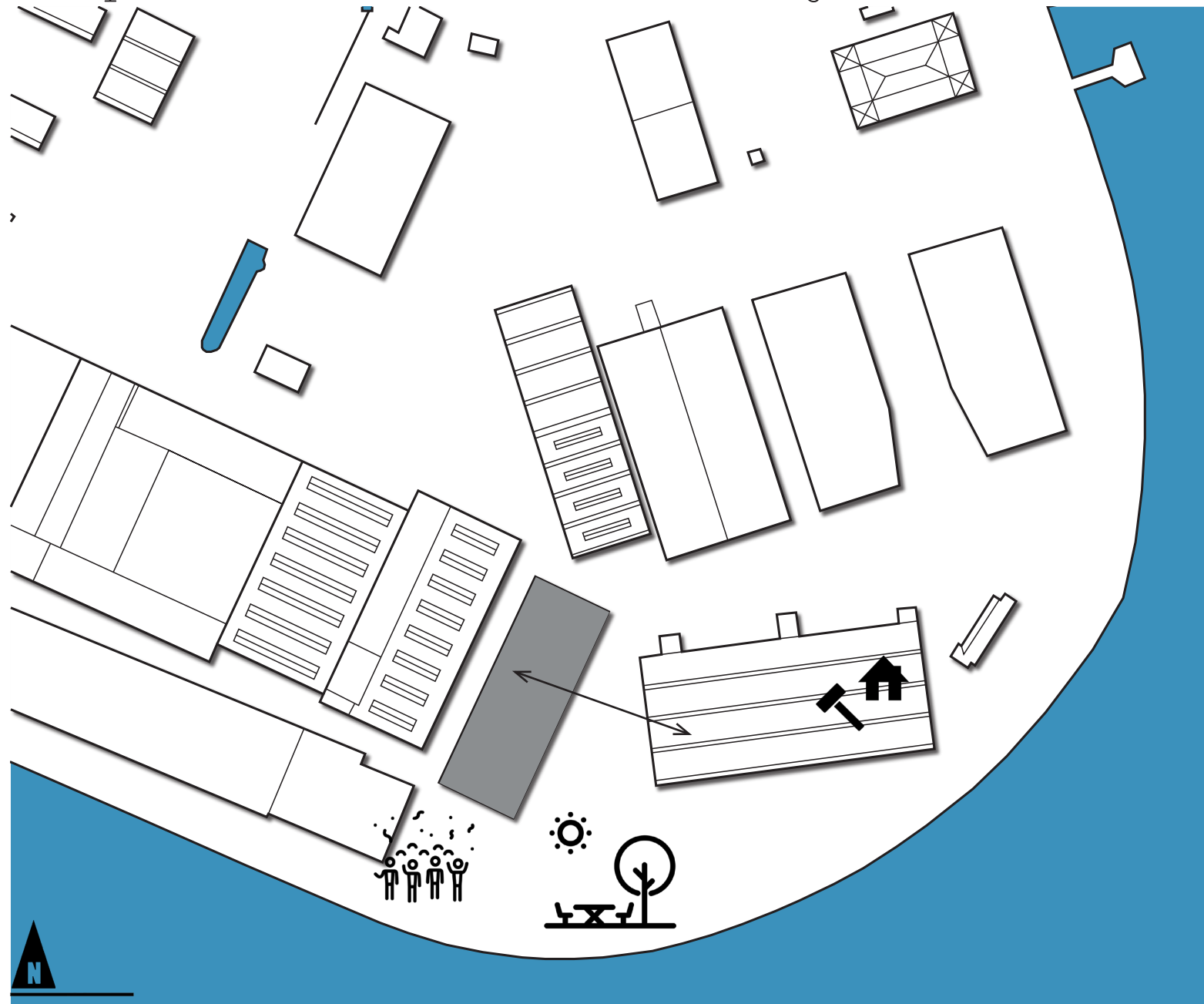
Open up the Projectile Workshop



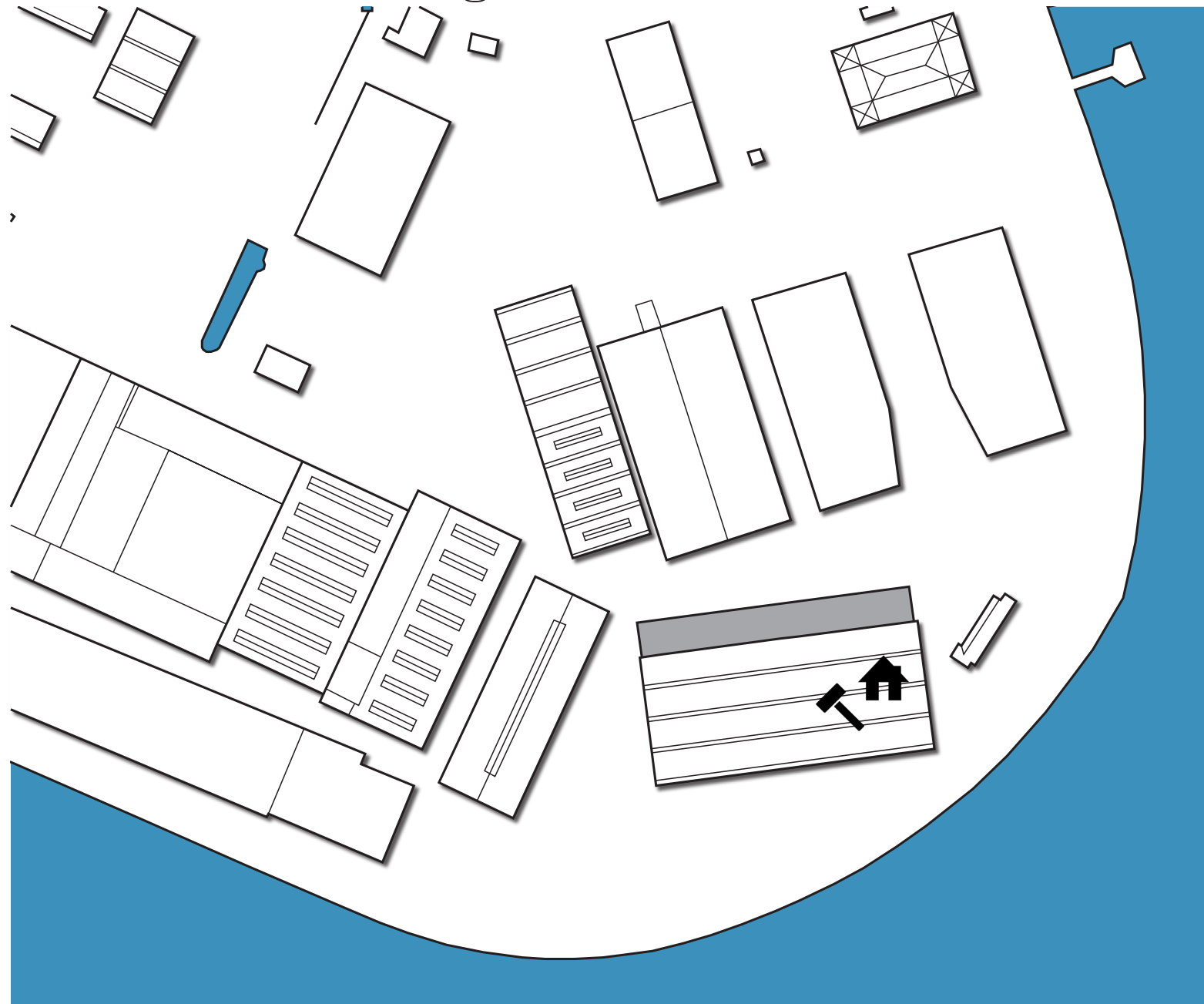
Extension of the square



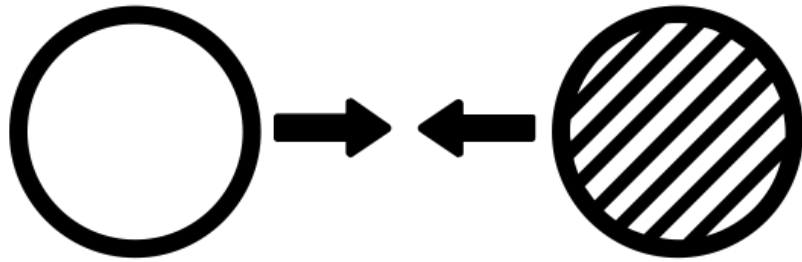
Exhibition space for the creative industry



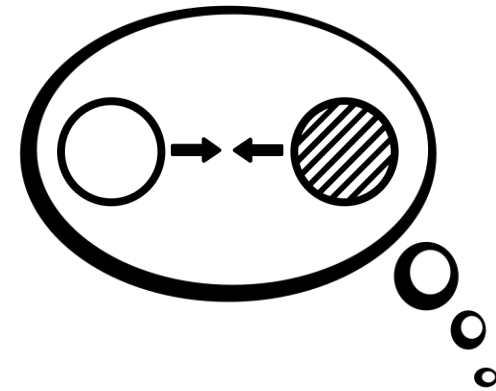
New volume: artist housing & ateliers



Starting points - New Volume



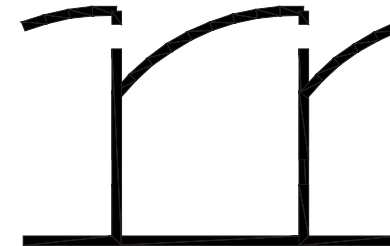
Create tension between the time layers.



The two worlds asks us to ponder the contrast

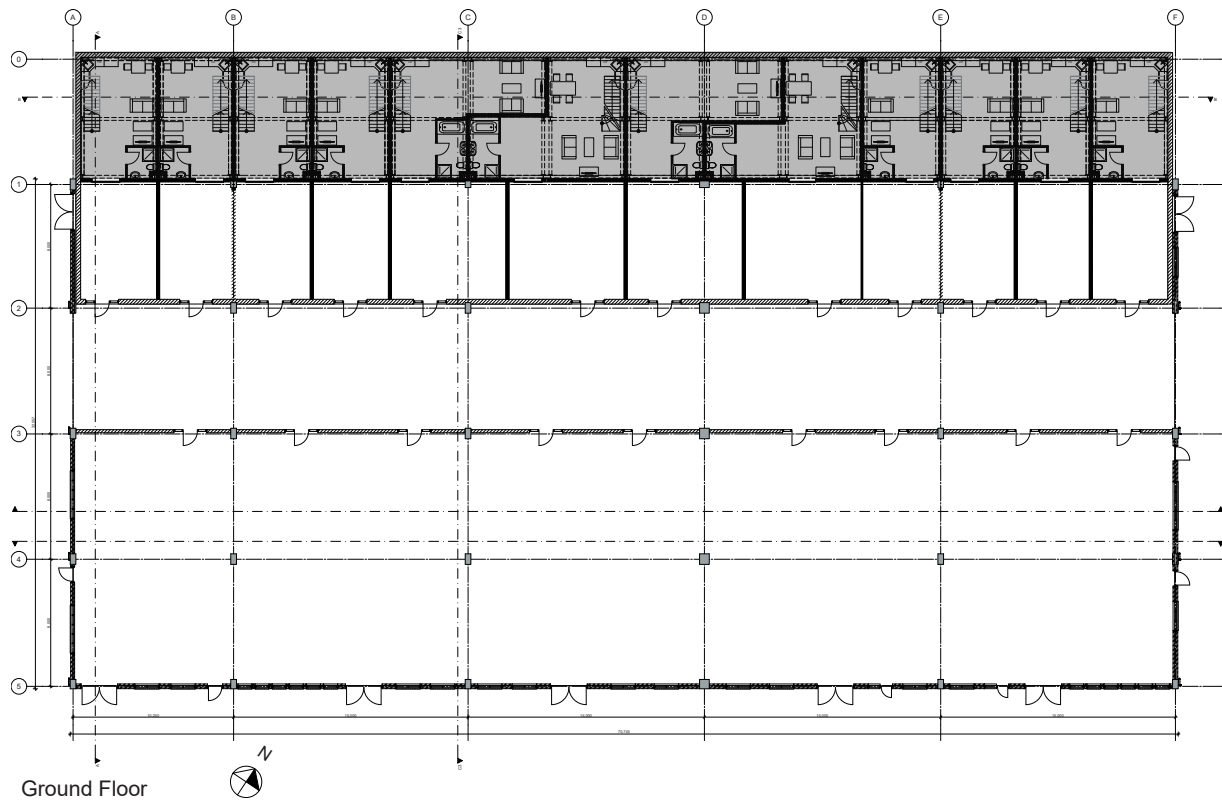
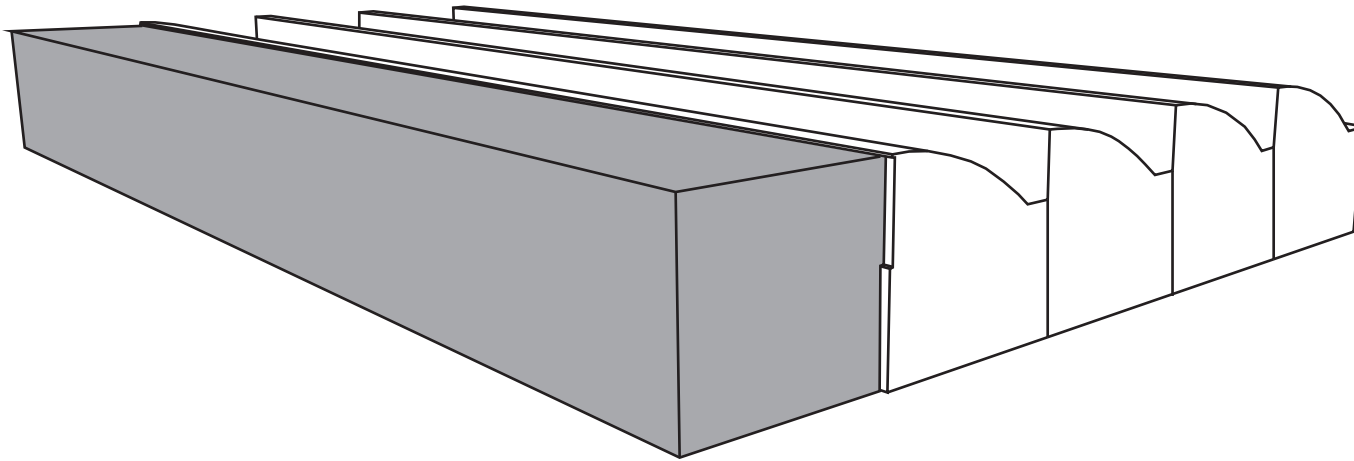


A balance between continuation and contrast



But.. don't forget the heritage!

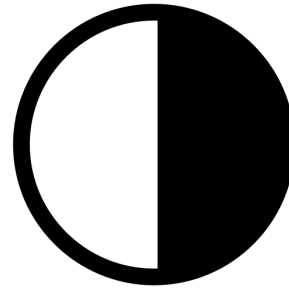
Add on



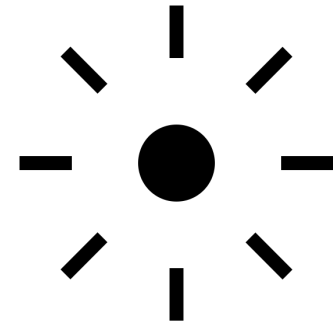
Facade requirements



Monolithic



In contrast with existing



Sufficient daylight

Facade

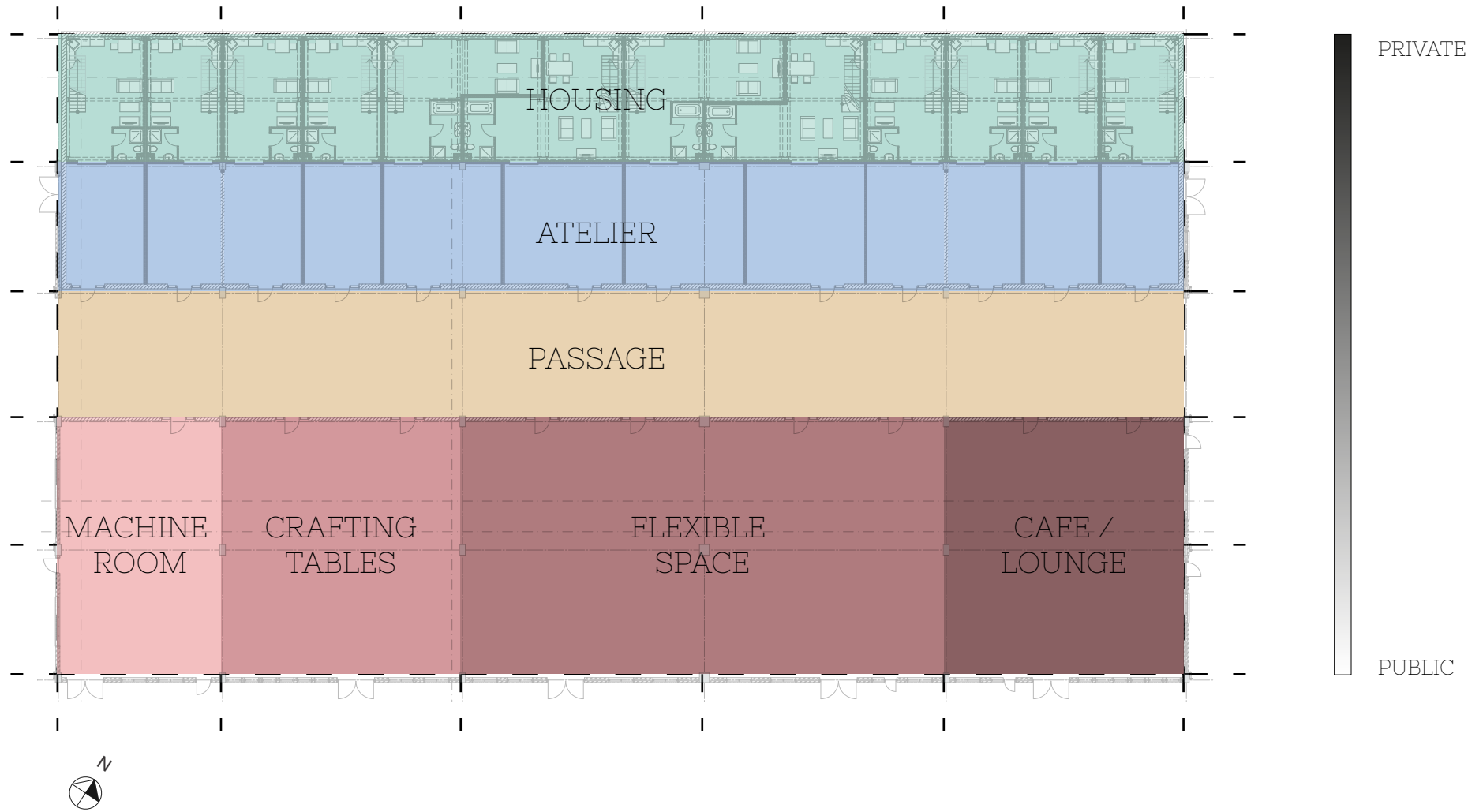


Facade





Program - Ammunition Factory



The creative industry.. just to name a few..

Fine Arts



Sculptor
Photographer
Glass artist
Ceramist
Painter

Digital Art



Animation creator
Interior designer
Graphic designer
Industrial designer
Web designer

Dance & Theatre



Actor
Choreographer
Dancer
Director
Theater Maker

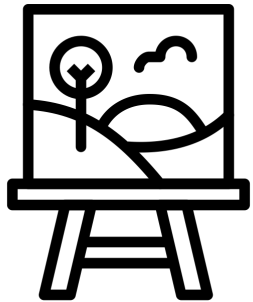
Music



DJ
Musician
Producer
Singer / songwriter
Rapper

Time Schedules

Painter



7.00 Waking up
Breakfast
Reading the newspaper
Yoga exercises
9.00 Painting
12.30 Lunch
Gain inspiration
Painting
18.00 Dinner
19.00 Relaxing

Graphic designer



7.00 Waking up
Breakfast
Dive into wish of client
9.00 Logo design
Branding design
12.30 Lunch
Web design
Web programming
18.00 Dinner
19.00 Relaxing

Dancer



7.00 Waking up
Breakfast
Yoga exercises
Gain inspiration
9.00 Work on choreography
12.30 Lunch
Work on theatre design
19.00 Dinner with group of dancers
20.00 Practice chereography
21.00 Relaxing

Producer



10.00 Waking up
Breakfast
Listen to music
Go for a walk
14.00 Lunch
15.00 Jamming on instruments
Compose a chorus
20.00 Dinner
21.00 Elaborate the beat
Record with fellow musicians
1.00 Relaxing

Demands of the type of users

Technical demands

- Height
- Light
- Adjustable source of light
- Ventilation
- Transport
- Low effort maintenance
- Water
- Electricity
- Storage
- Different climate in the work- and living space
- Drain for toxins

Liveability demands

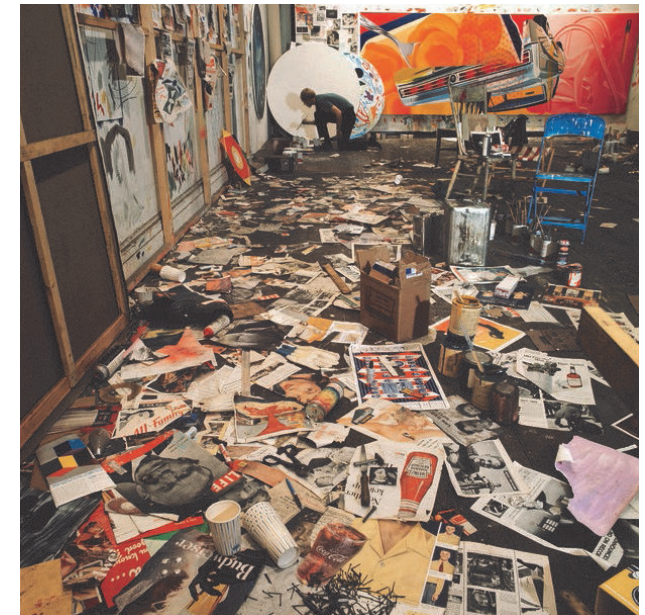
- Accessibility
- Private space
- Communal space
- Visual connections
- Flexibile spaces
- Sound barriers
- Sight barriers
- Toxin barriers
- Circulation barriers



Daan Roosegaarde's studio

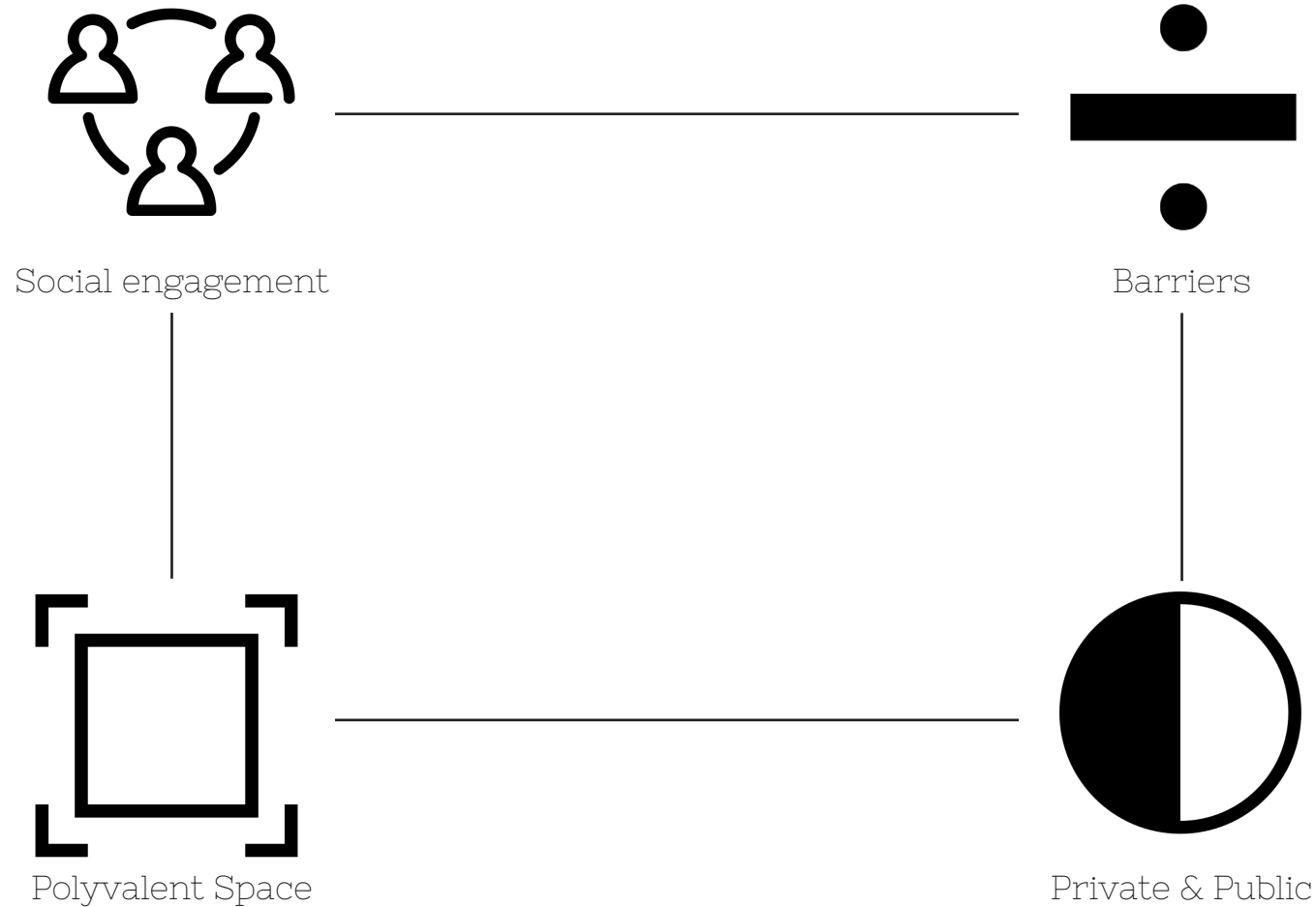


Philip Karlberg's studio

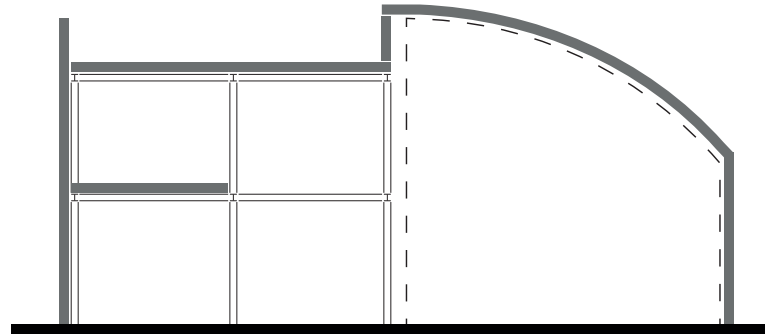
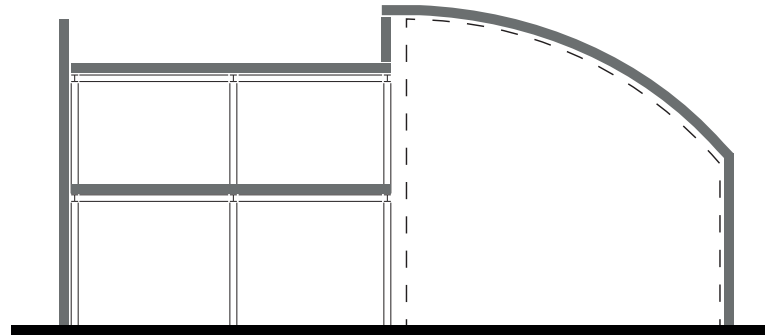
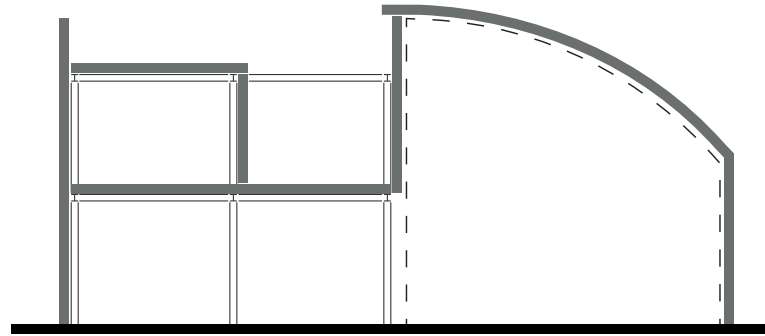


James Rosenquist's studio

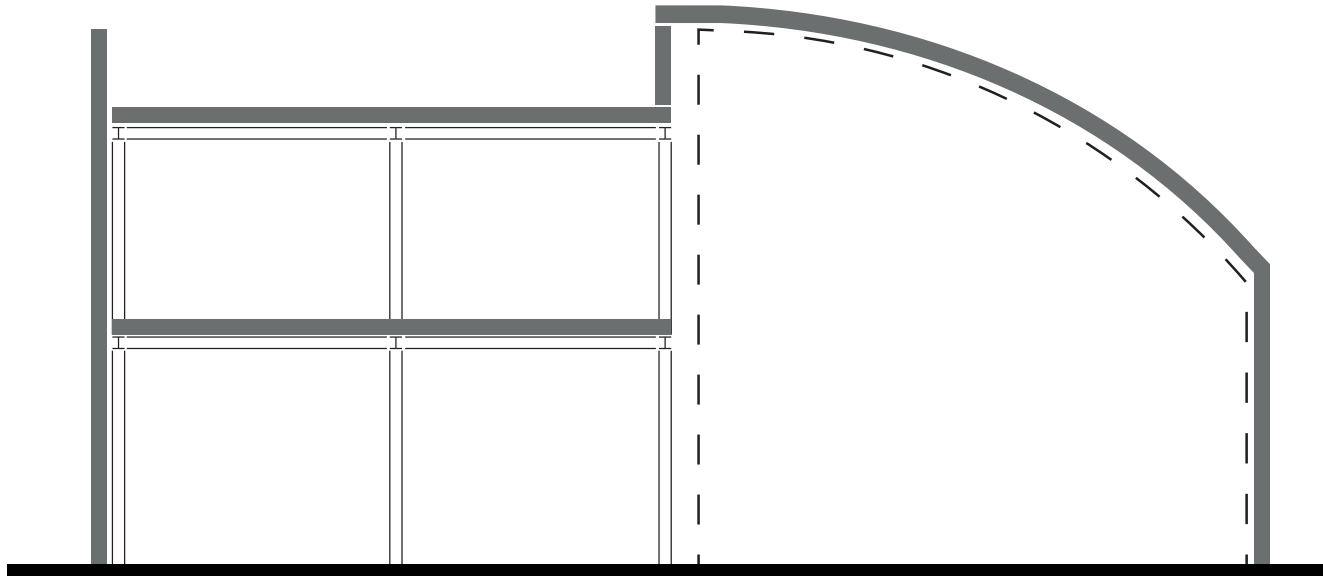
What distinguish an artist-dwelling from a traditional dwelling?



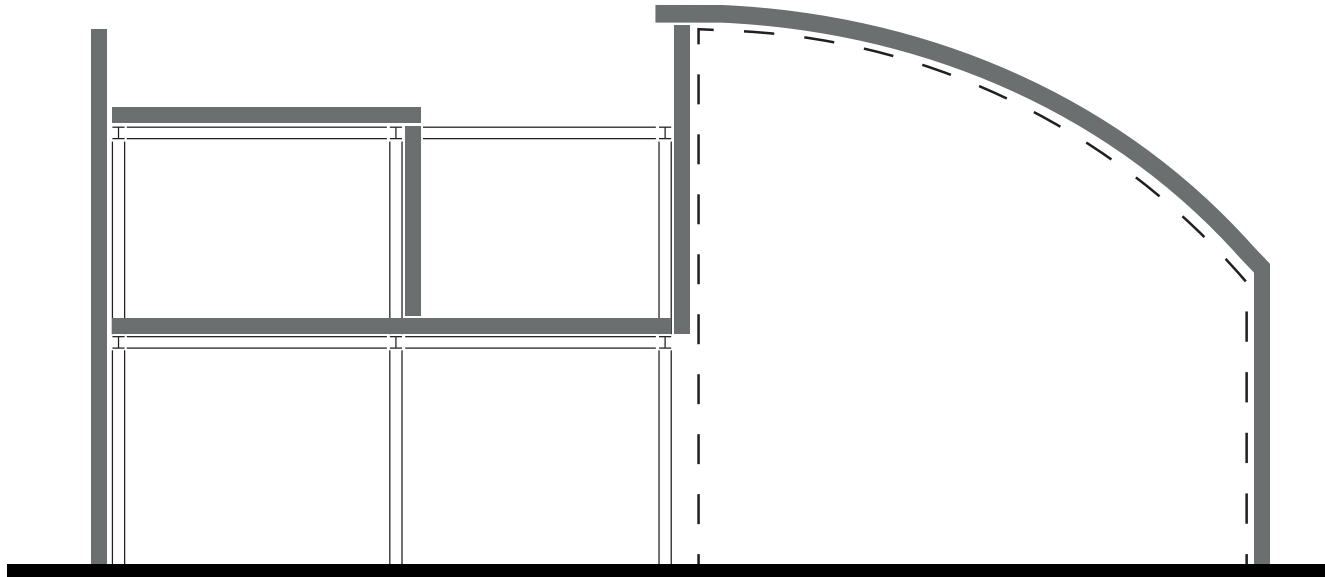
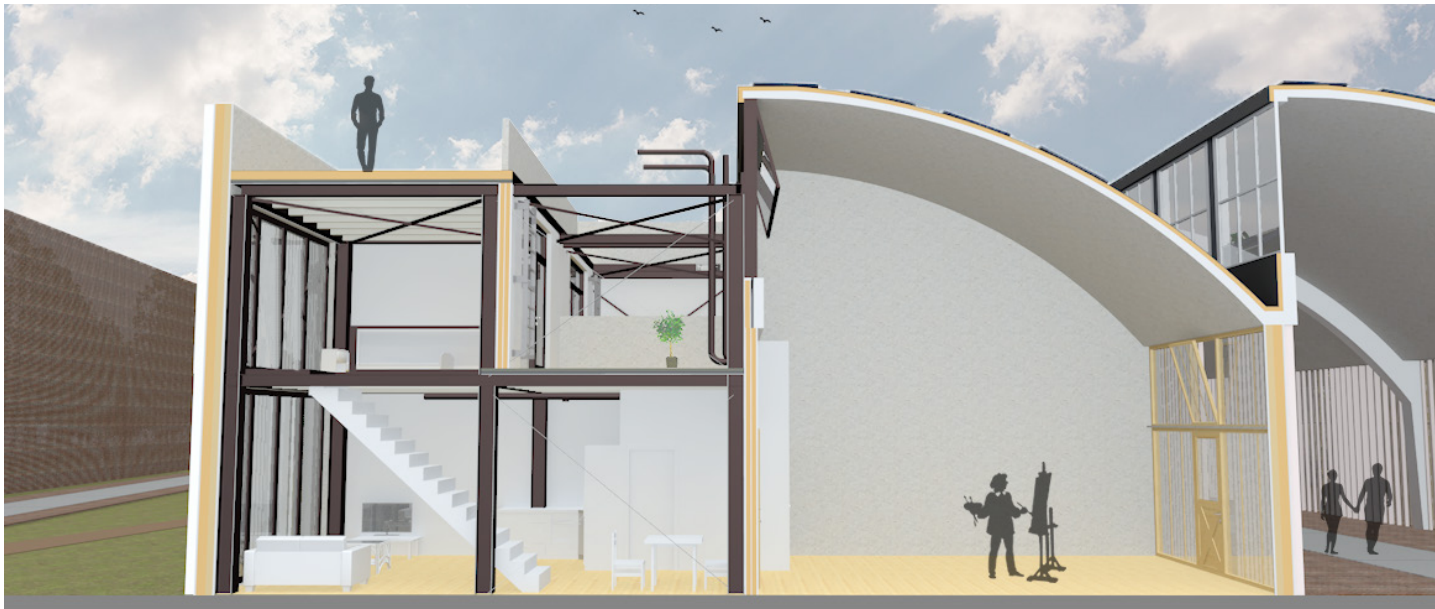
Flexibility



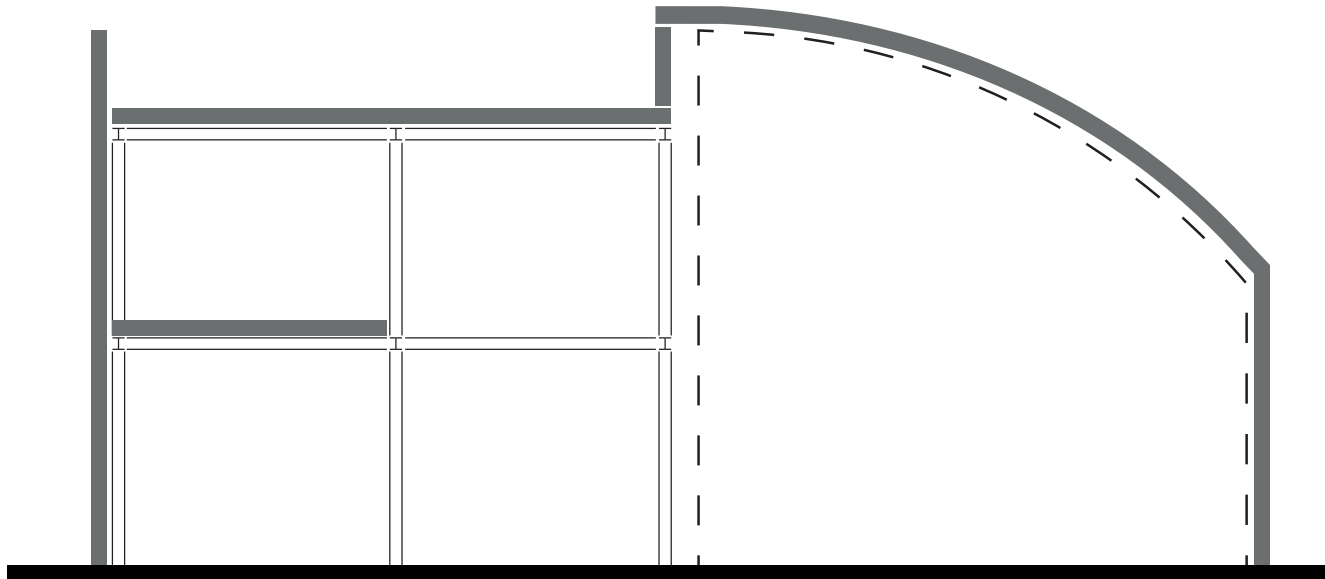
Option 1



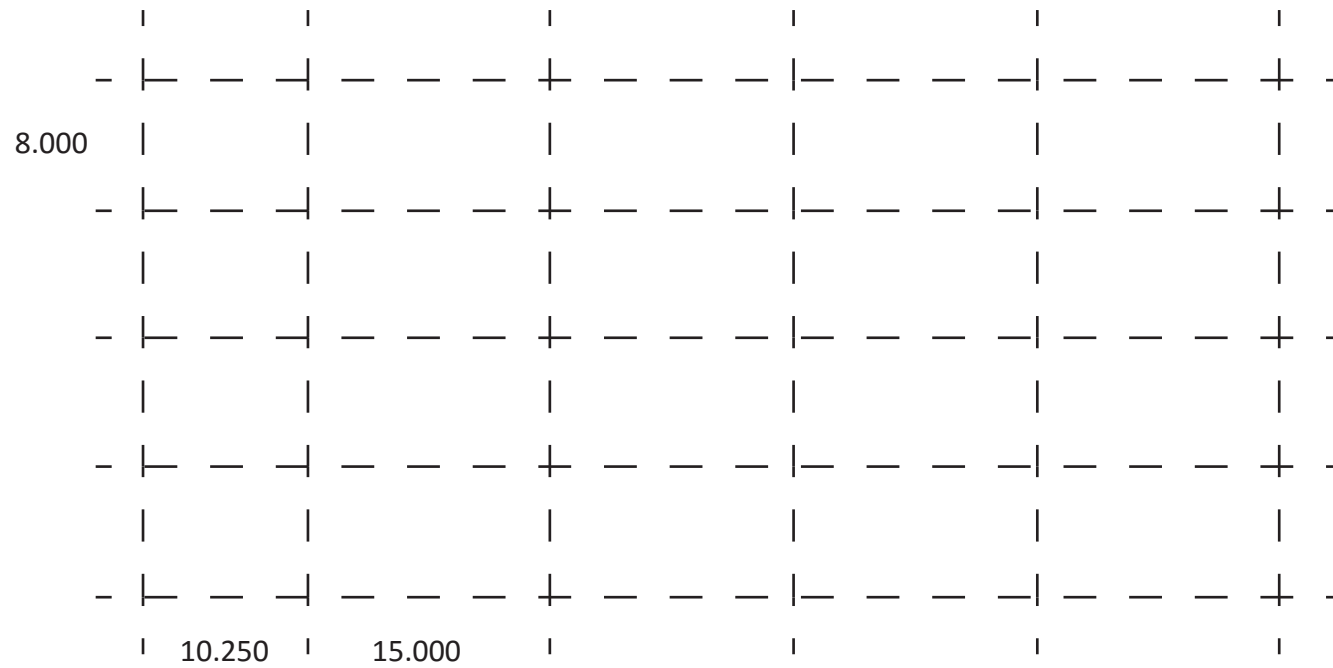
Option 2



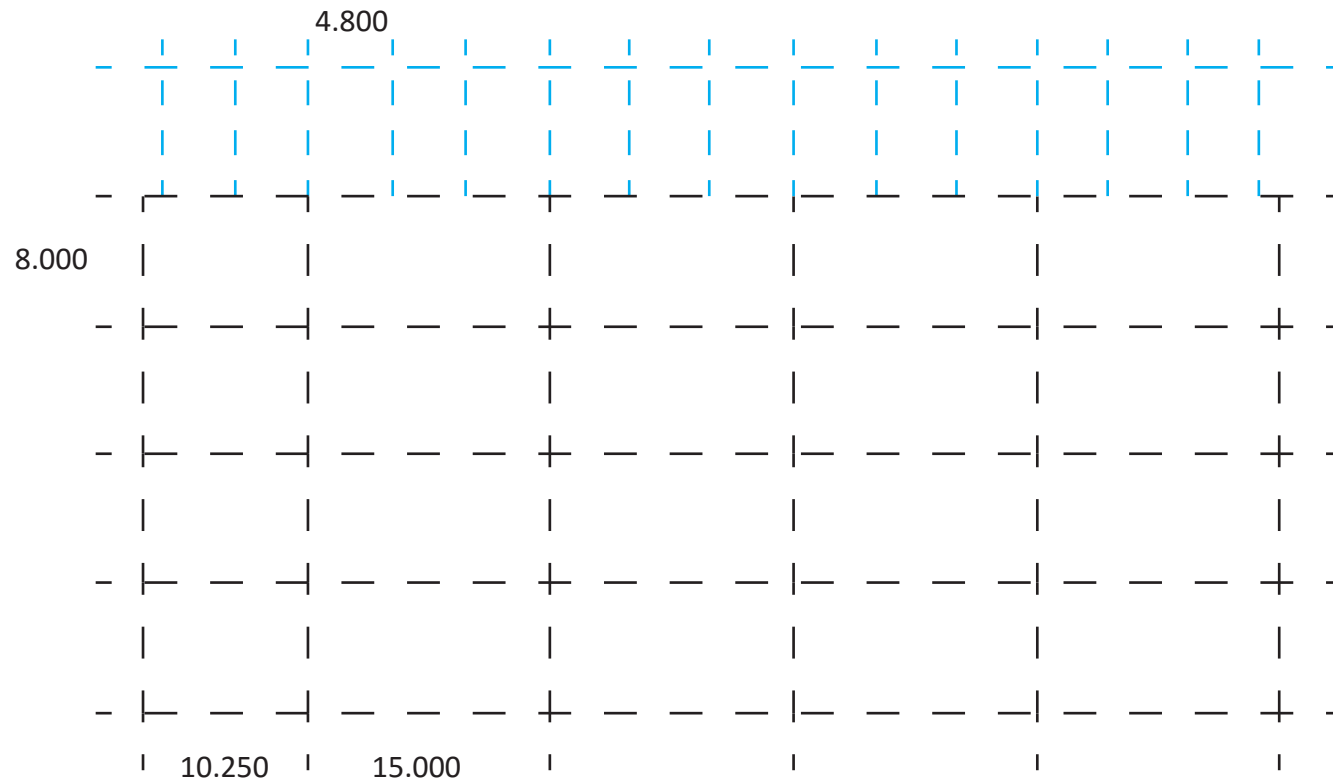
Option 3



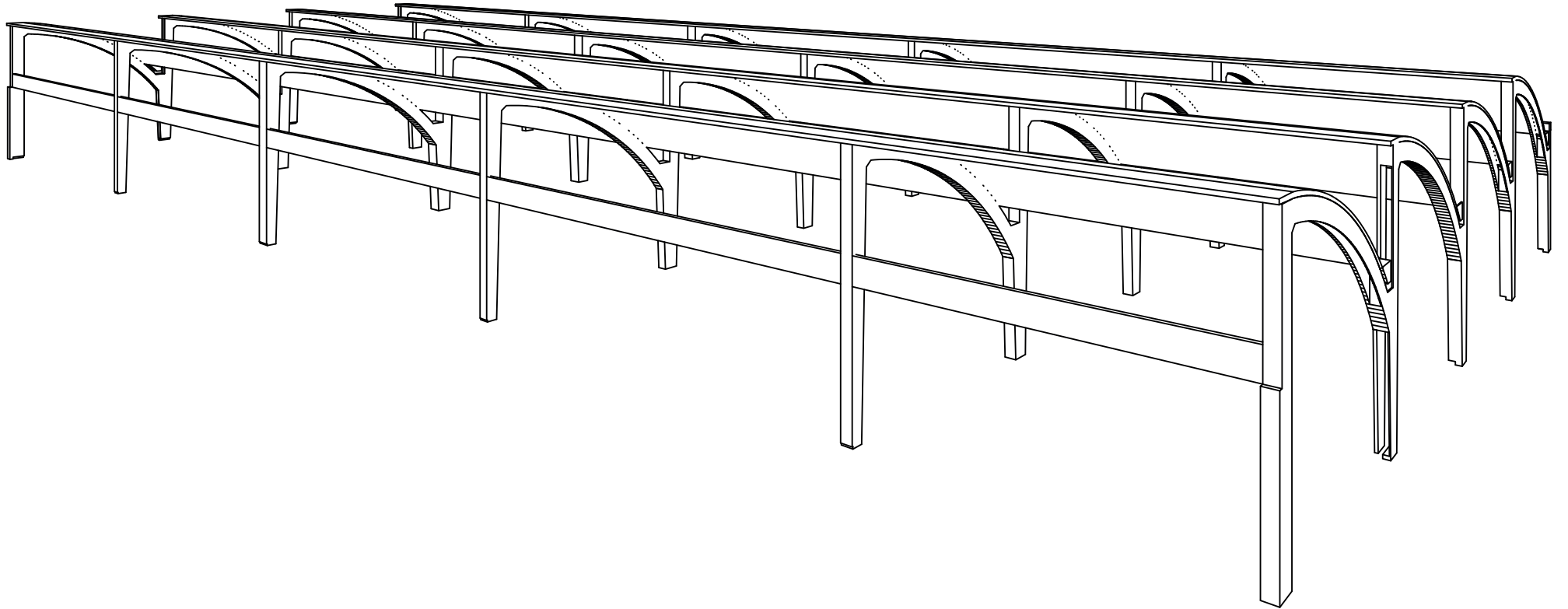
Current Grid



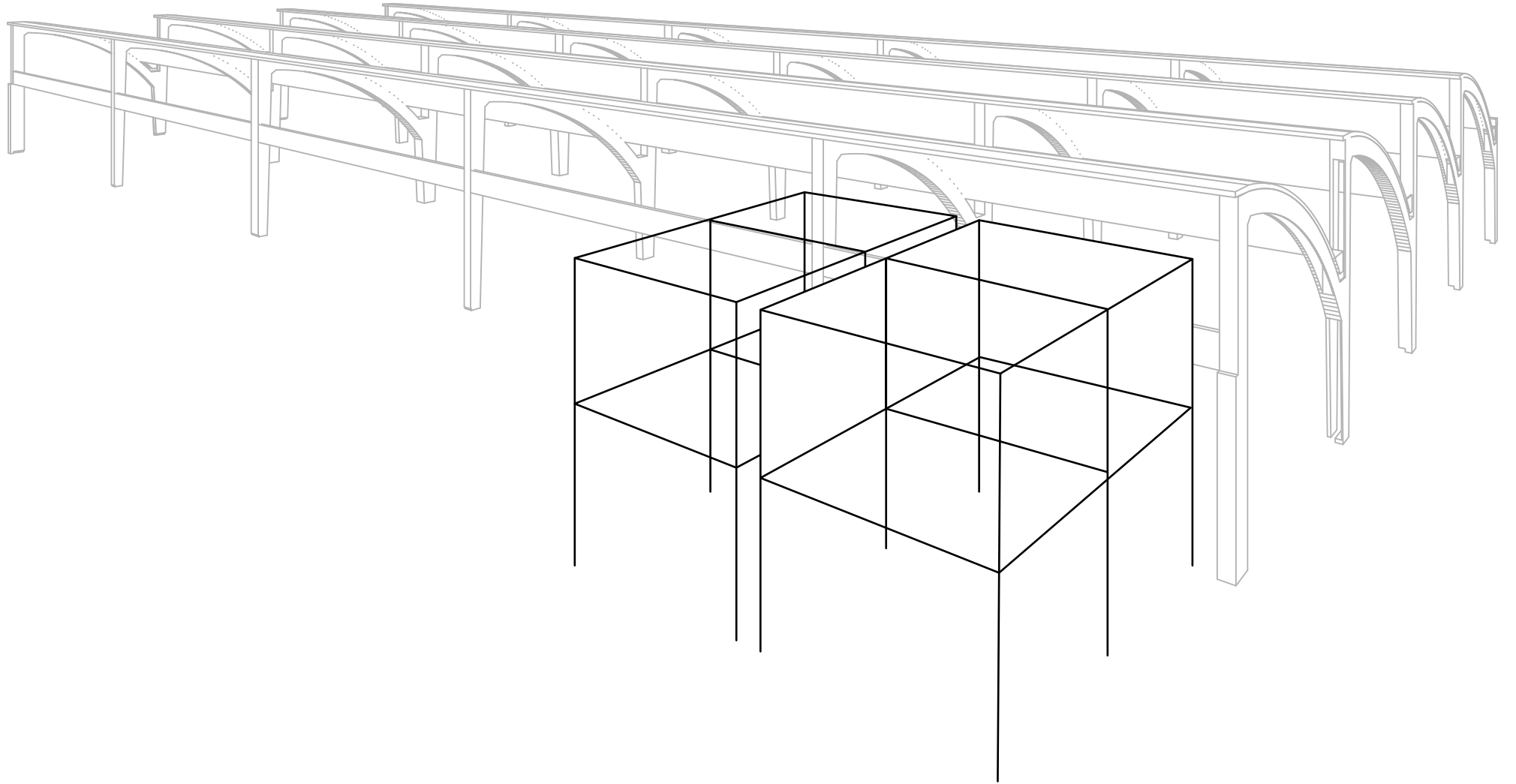
New Grid



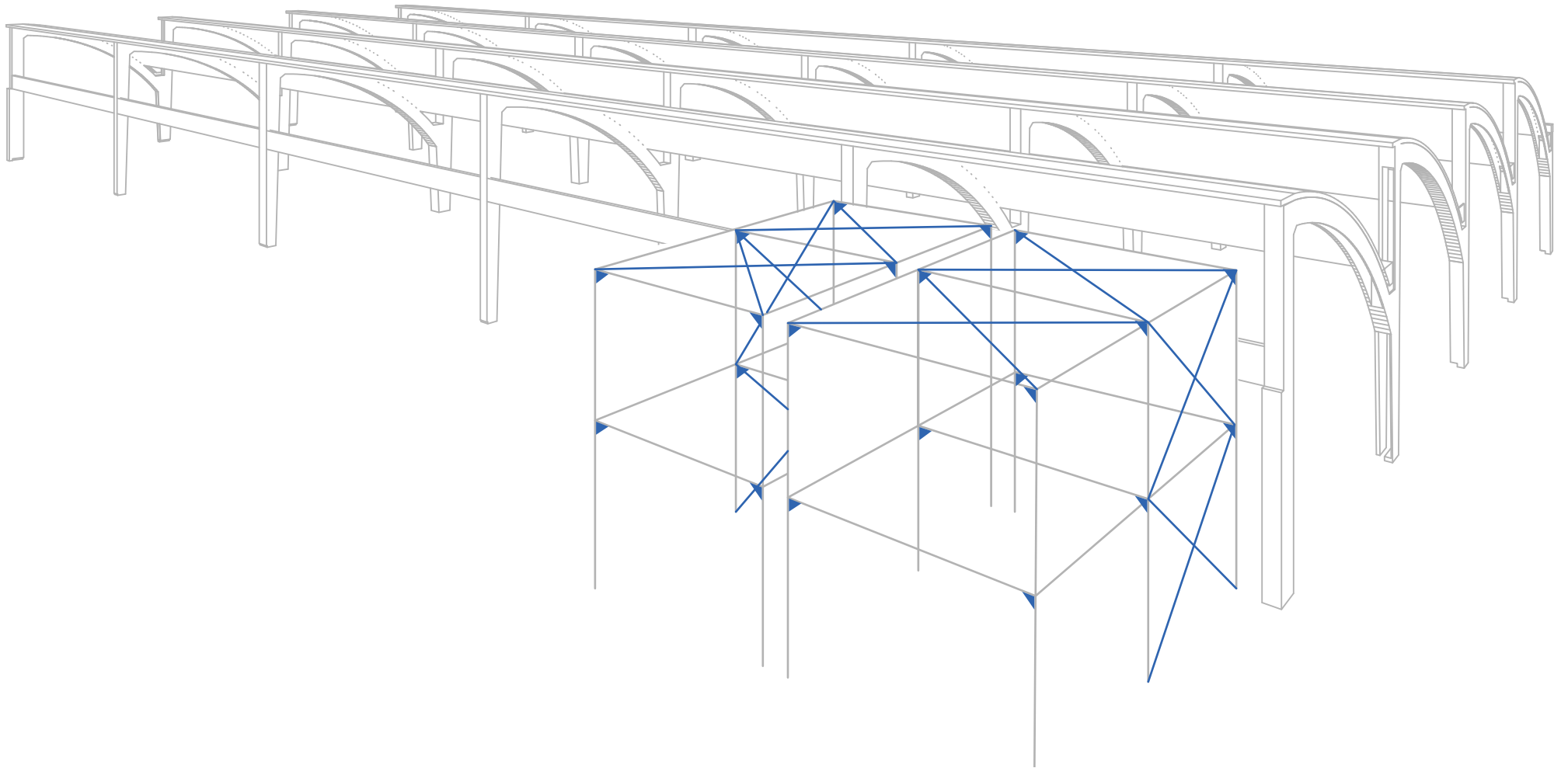
Current Structure



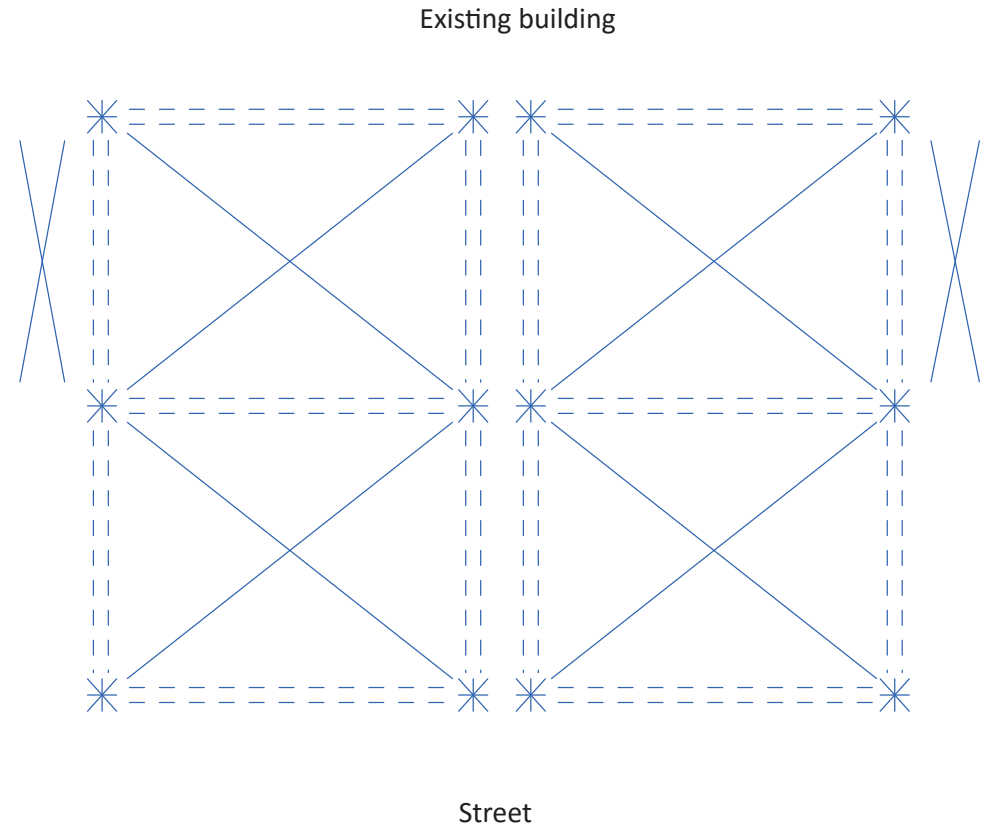
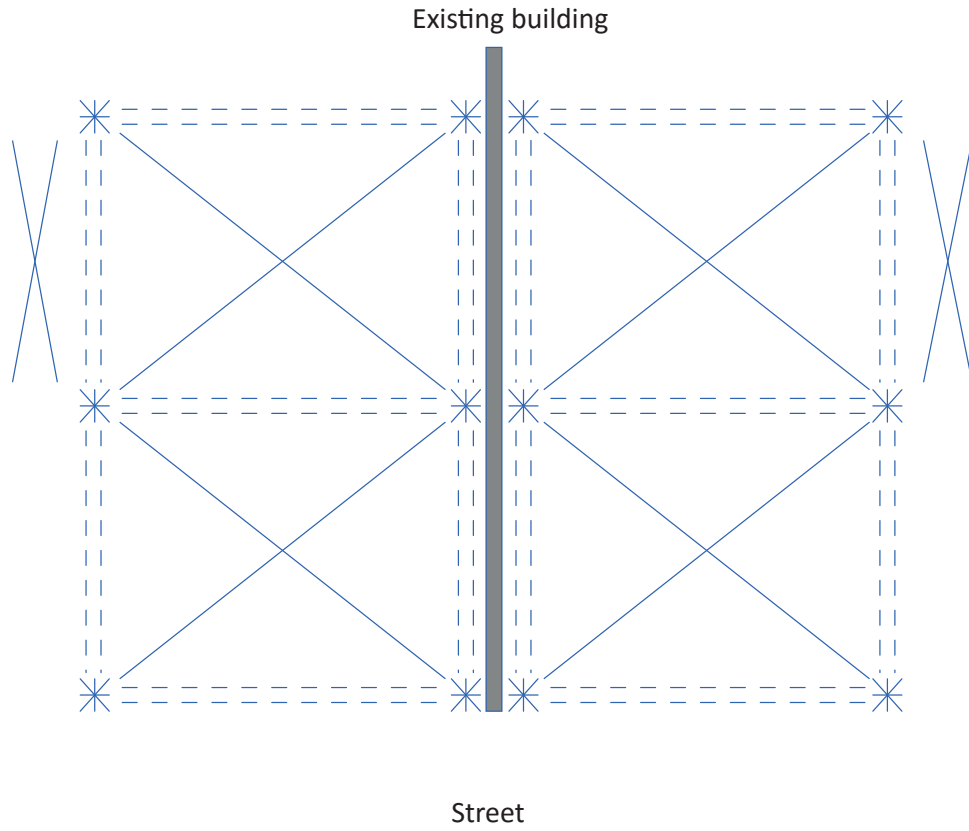
New Structure



Stability



Flexibility



Type of users

Music & Theatre

Fine Arts

Digital Art

Light



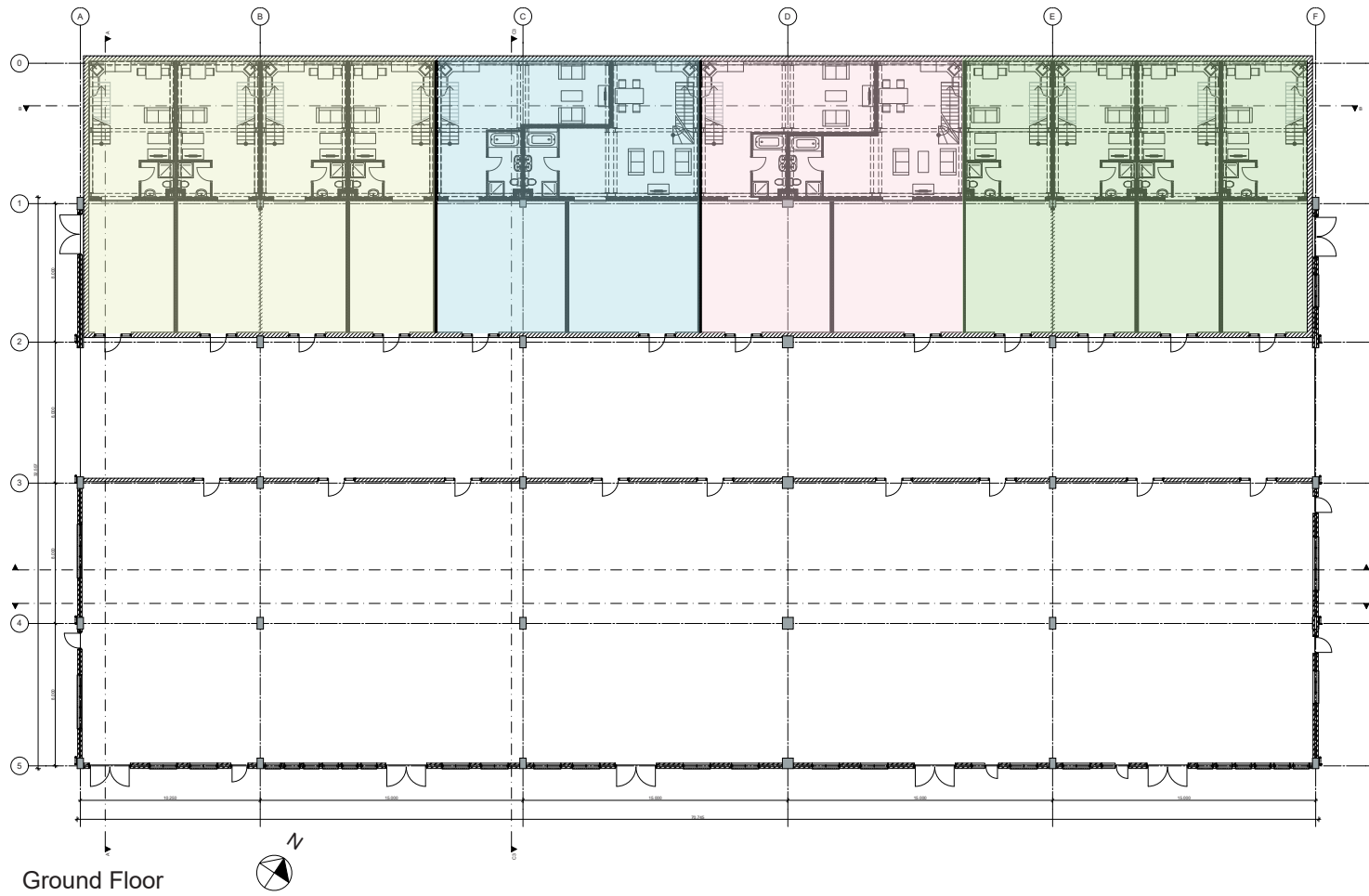
Ventilation



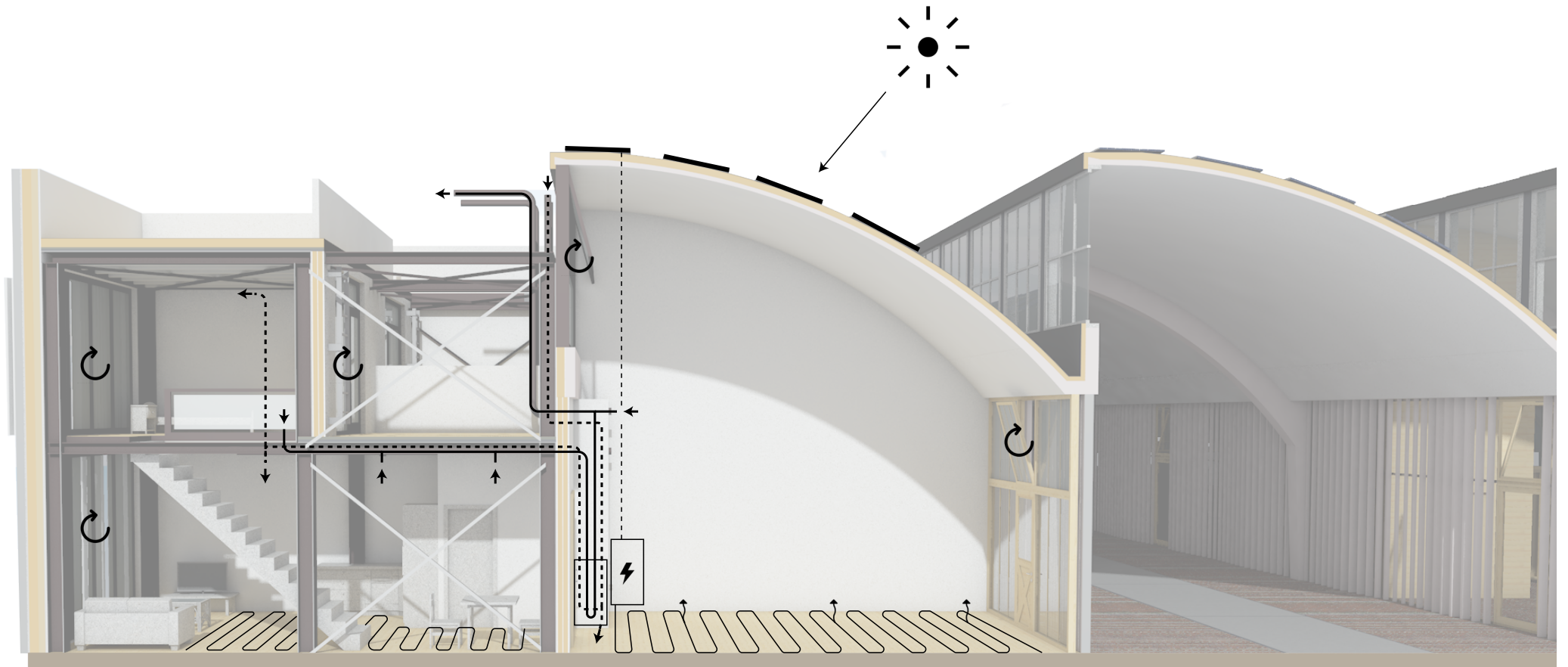
Sound



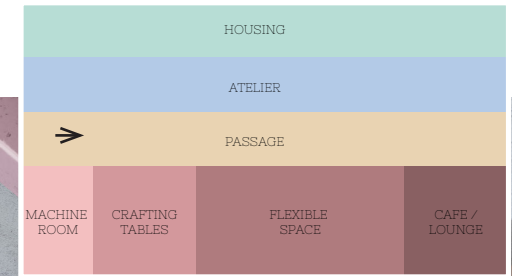
Zones of usage



Climate



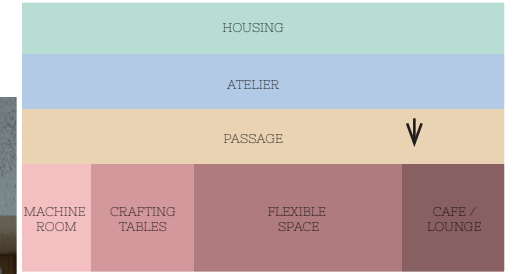
The street



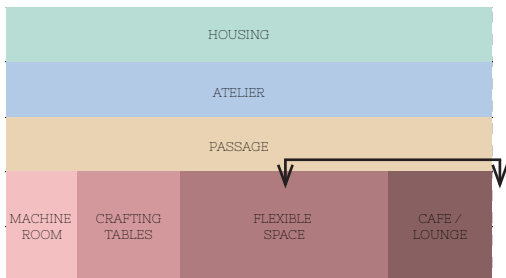
Housing side



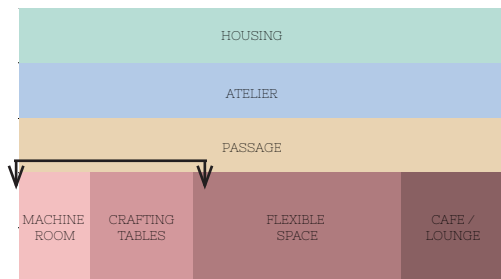
Workplace side



Workplace



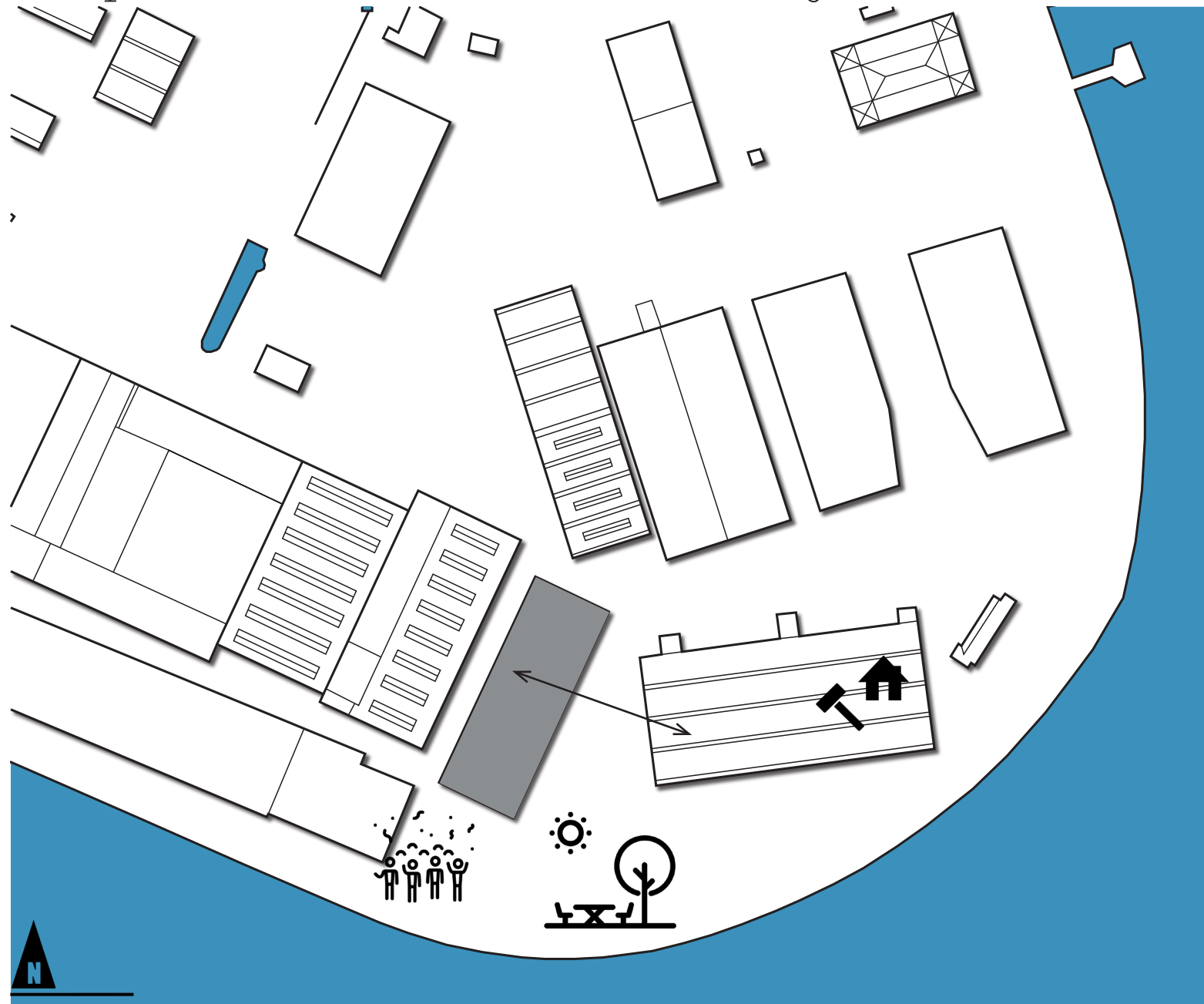
Workplace



Entrance



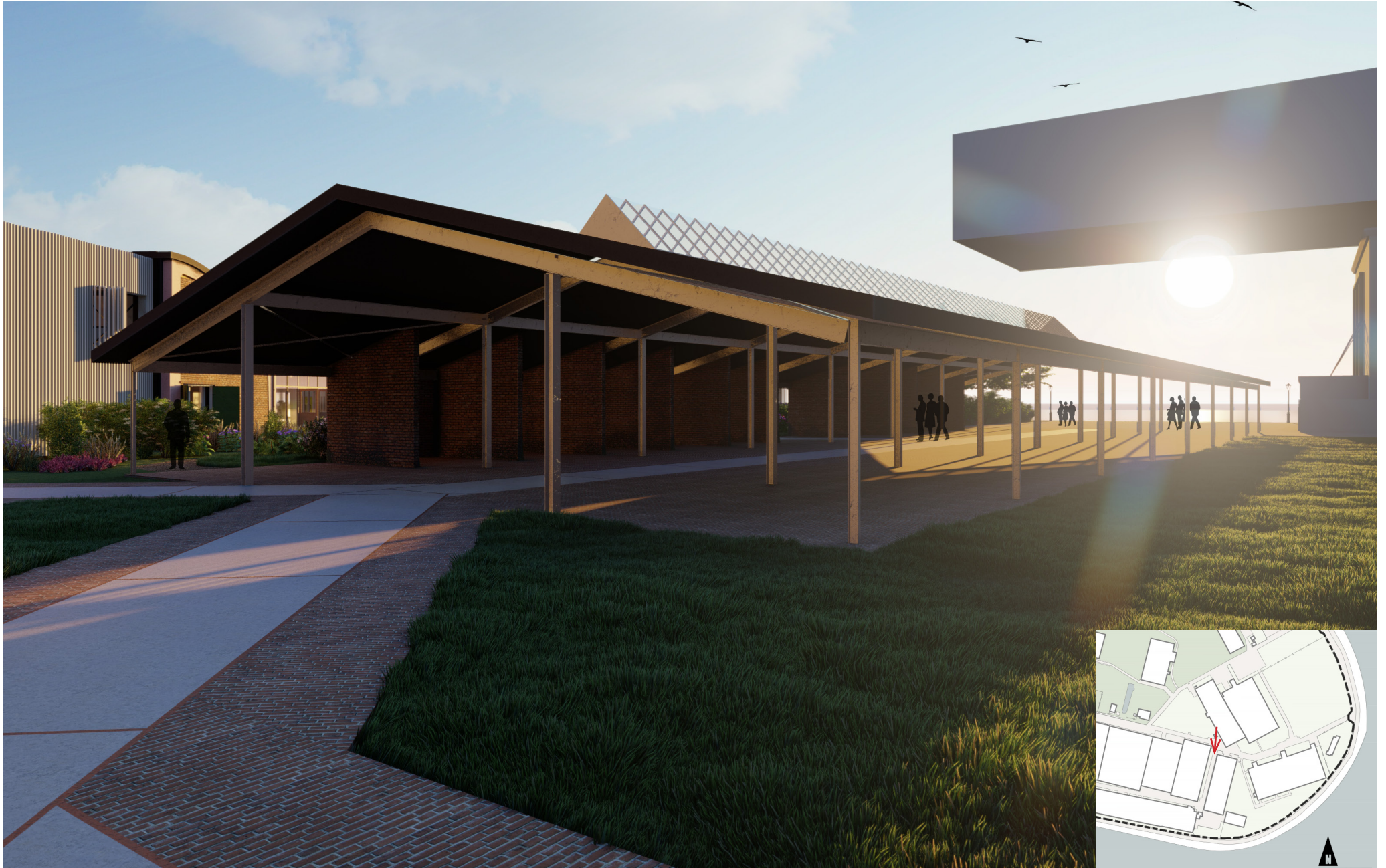
Exhibition space for the creative industry



Projectile Workshop



Visual connection with the water & square



Projectile Workshop as open market / exhibition space



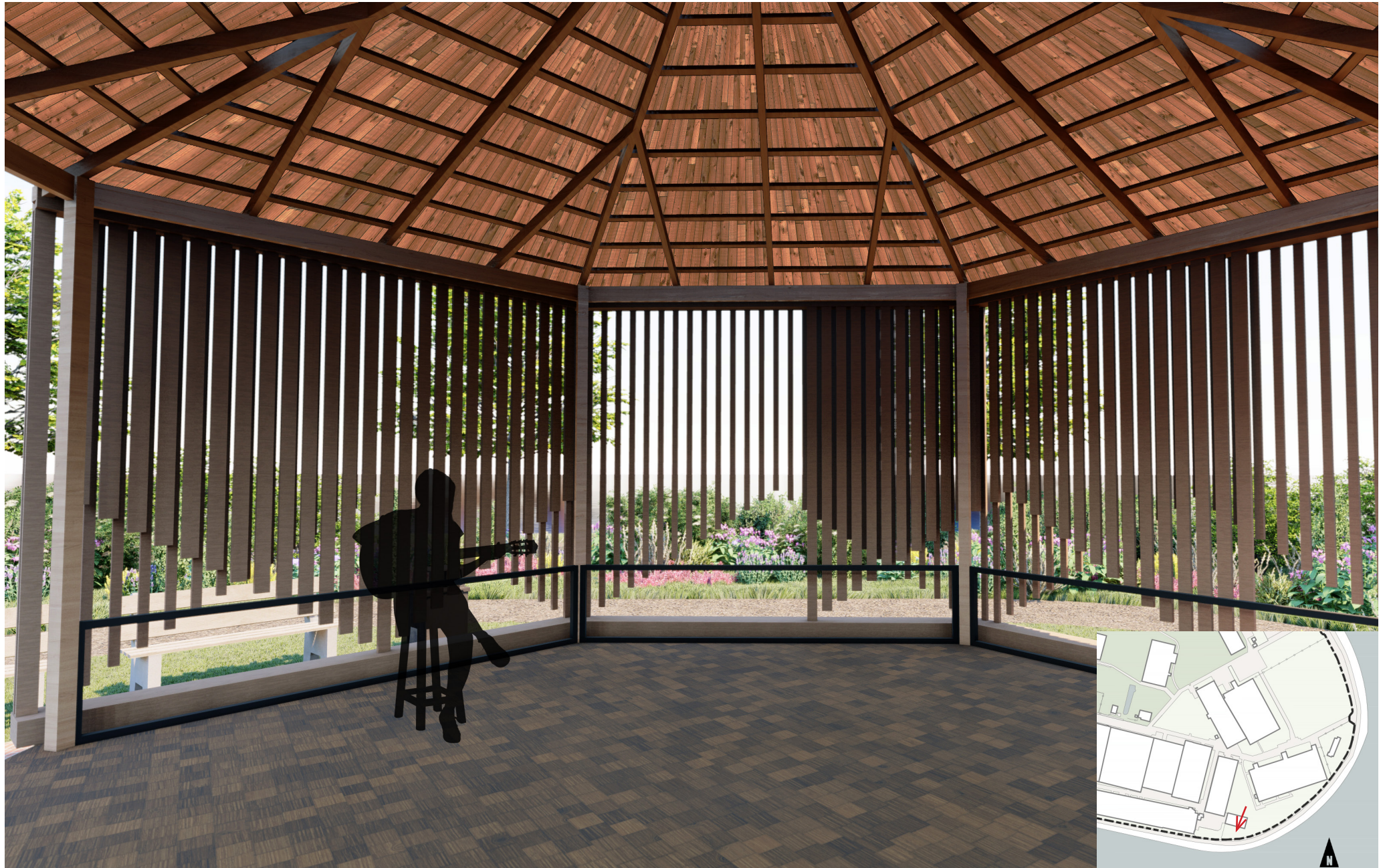
Opening up effect strengthened



Gazebo



Wind protection



Exploring the area



Terrace - A place to stay



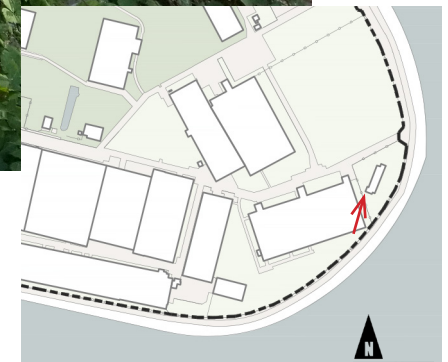
Park - Visual Connection with bunker



Park – Visual connection with the new volume



Historical journey



Another world





An aerial architectural rendering of a campus. The central focus is a large courtyard with a grid of paths, surrounded by various buildings. A prominent building in the center has a dark roof with a grid of skylights. To the left is a large building with a dark roof and several skylights. To the right are several long, multi-story buildings with brick facades and dark roofs. The campus is bordered by a body of water on the right and bottom. The text "Thank you" is overlaid in the center of the courtyard area.

Thank you