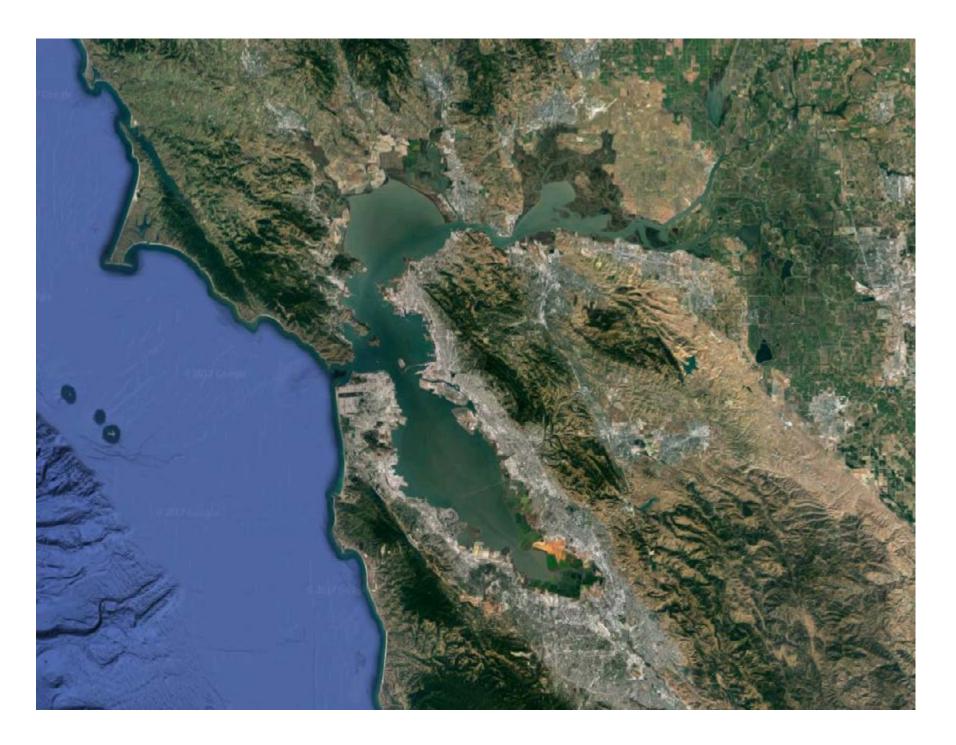
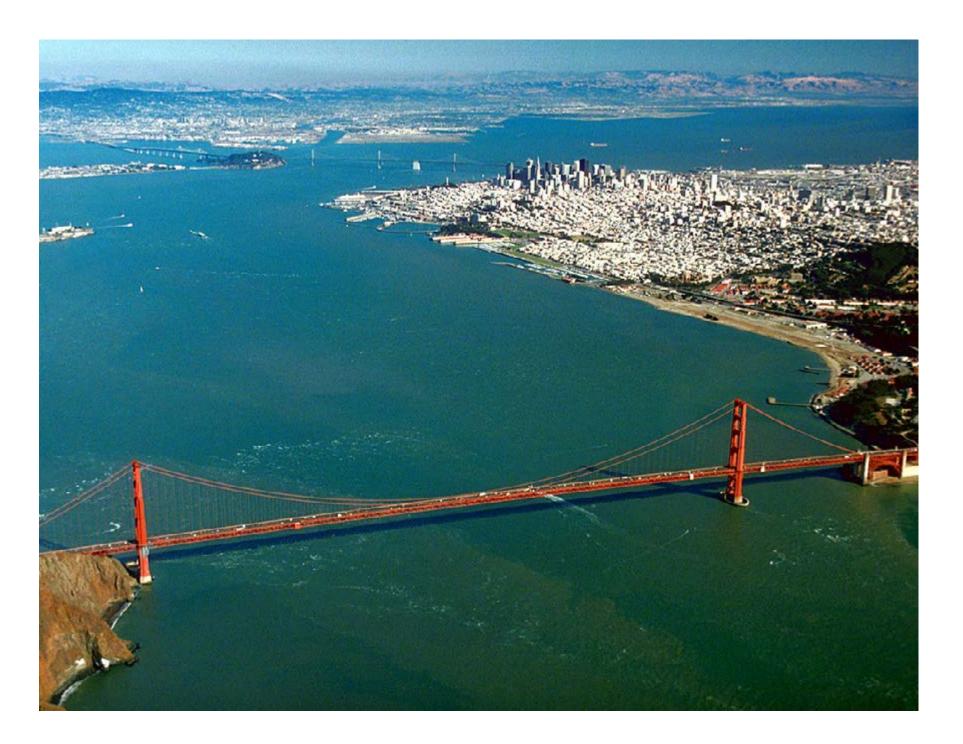


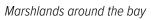
Where? San Francisco Bay Area









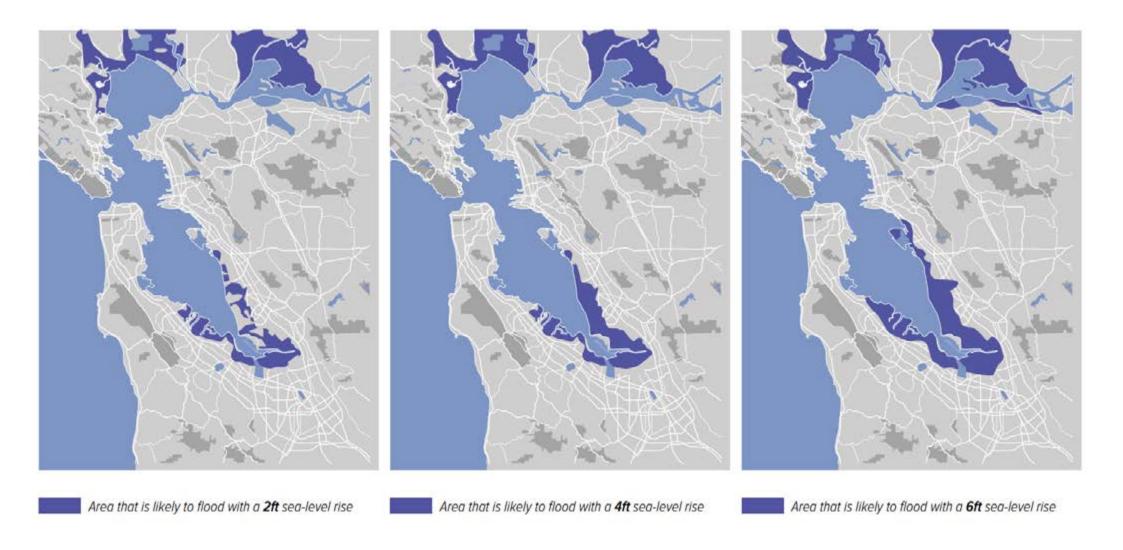




Sub-urban residential neighborhoods



High-density urban areas



HOME CHALLENGE SPONSORS TEAM CONTACT



BAY AREA: RESILIENT BY DESIGN CHALLENGE

As a region, it's time to act.

We know that climate change, sea level rise, increased flooding, and earthquakes pose a real threat to Bayshore communities. There's no time to wait — it's time to come together and begin imagining a new future for all of us.



Intervention *Hunters Point*





START SHIPYARD

1860

947

959

974

926

The first drydock is carved out of the hard-serpentine stone by the SF Drydock Company.



SF Drydock Company builds a second graving dock



The United States Navy takes ownership of the Shipyard. Together with the local community they form the Hunters Point Improvement Association and build 12.000 new houses for defense workers.



The crane is also used for the "Operation Skycatch" a launch study for testing missiles.



The sculptor Jacques Terzian discovers the shipyard.
The navy subleases a warehouse to Terzian where he starts his studio. Terzian is the founder of 'The Point', the artist colony that would later emerge.



Two entrepreneurs A.W. Von Schmidt and Thomas Hardy buy land under the condition that they build a drydock.



The SF Drydock Company opens the shipyard at Hunters Point for commercial service. A period full of commercial activity has started.



Hunters Point houses its first artist, the painter and sculptor Adrien Voisin starts his studio in the old Albion Brewing Company castle.



The iconic Shipyard crane is built by the American Bridge Company. It is the largest crane in the world at that time and it is capable of lifting objects up to one million pounds.



The navy base starts to partly decommission and leases facilities to private tenants.



The first conversations are held on what to do with the economic vacuum after the Navy's departure. It takes a couple of decades for this redevelopment plan to come alive in the mid-2010s.



The Navy announces to reestablish the Shipyard and therefore wants to end the private leases. The artist colony start a protest and successfully stop the development. The Navy's proposal is overturned in 1989.



The City of San Francisco ratifies the Bayview-Hunters Point Area Plan.

The plan, based on the Citizen Advisory Committee's (CAC) guidelines, range from creating jobs for economic vitality to supporting an artist community to environmentally-responsible development.



The City of San Francisco adopts the Bayview-Hunters Point Redevelopment Plan, which promises to invest in local education, transportation, public open spaces, hiking and biking trails, community facilities and energy efficiency.



The City and the CAC agree on a mixed-use plan with 300+ acres of public park and open space improvements, up to 10,000 homes for sale or rent and over 2 million square feet of office space for green business, science, technology and research.



A striking and immense wall painting is made by the artist team Haddad Drugan and becomes a Bayview landmark. It is a metaphor for the ongoing transformation of Bayview-Hunters Points area.



A lot of artists follow the example of Jacques Terzin an in a couple of months more than 300 working artists have opened studios and workspaces in the former Navy facilities. The group of artists form The Point and become the largest artist colony of the US.



985

6

366

666

2000

200

013

The Navy closes down the rest of the shipyard and a new era of transformation is started.



Lennar becomes lead developer.



A new light-rail route is build, the T Third Street line, the line improves the accessibility of Hunters Point area.



The nonprofit Clean Coalition, in partnership with PG&E, launches a clean energy pilot program. The goal is to generate at least 25% of Bayview-Hunters Point's energy needs by developing 50 megawatts of local solar cells.



A collection of 88 new houses are built. It is the start of the new development plan of the Bayview-Hunters Points area.

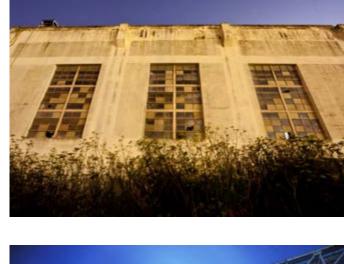




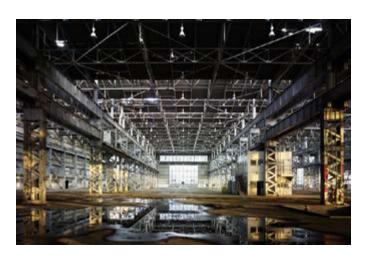














Delta Interventions Gijs Beckman



Masterplan Hunters Point

"A new neighborhood with a focus on living, culture research and the bay."



Living



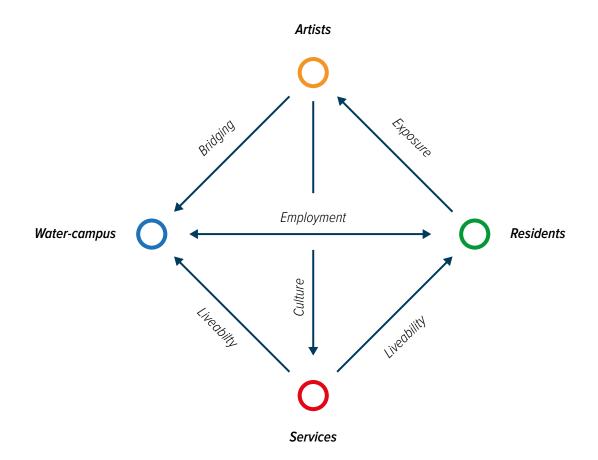
Culture

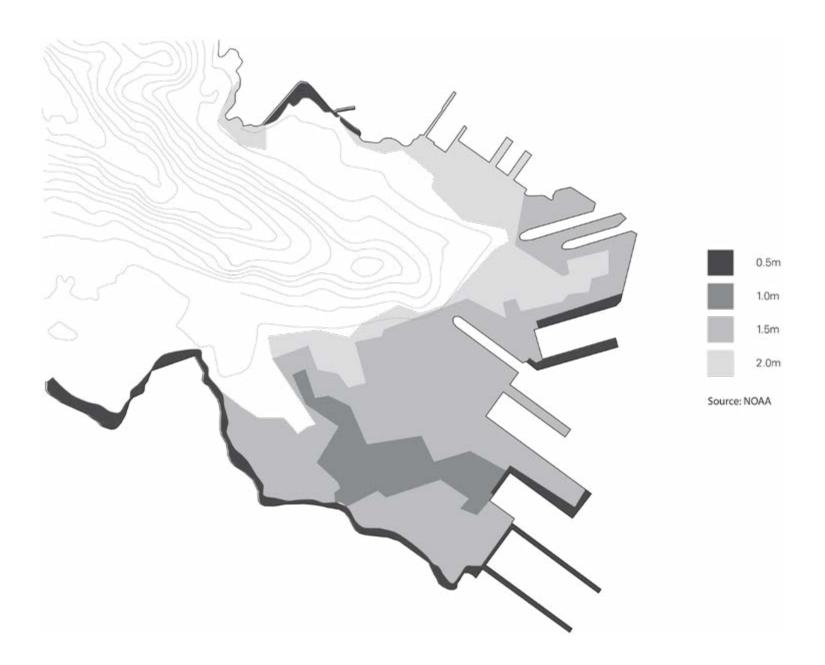


Research

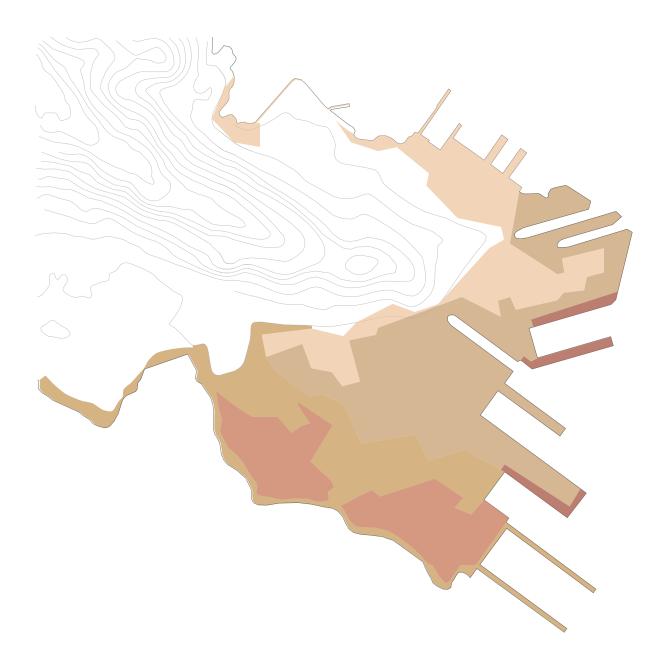


The bay

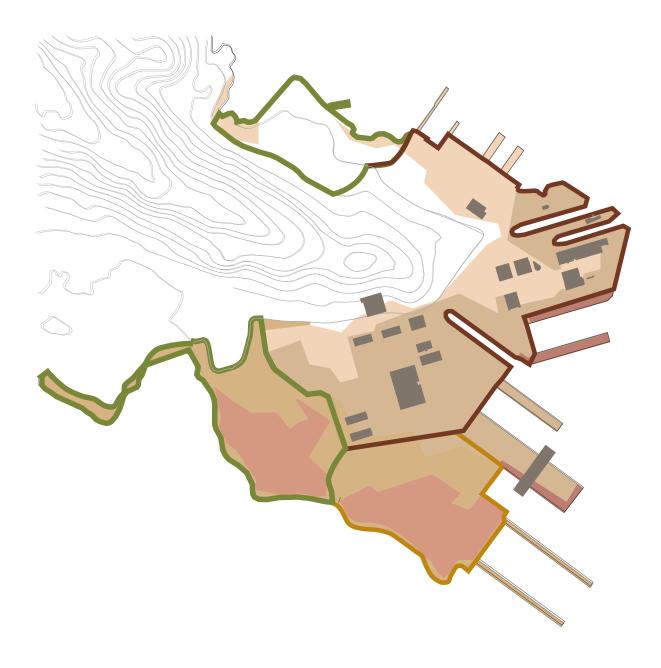




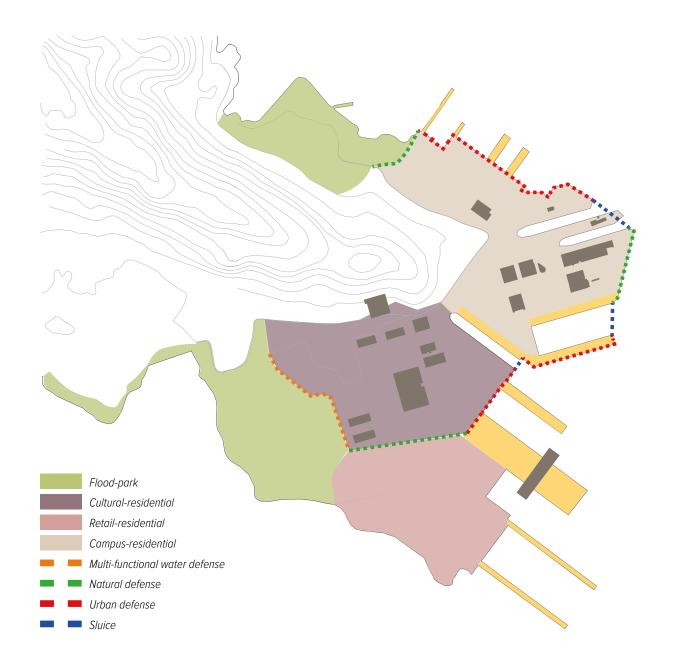




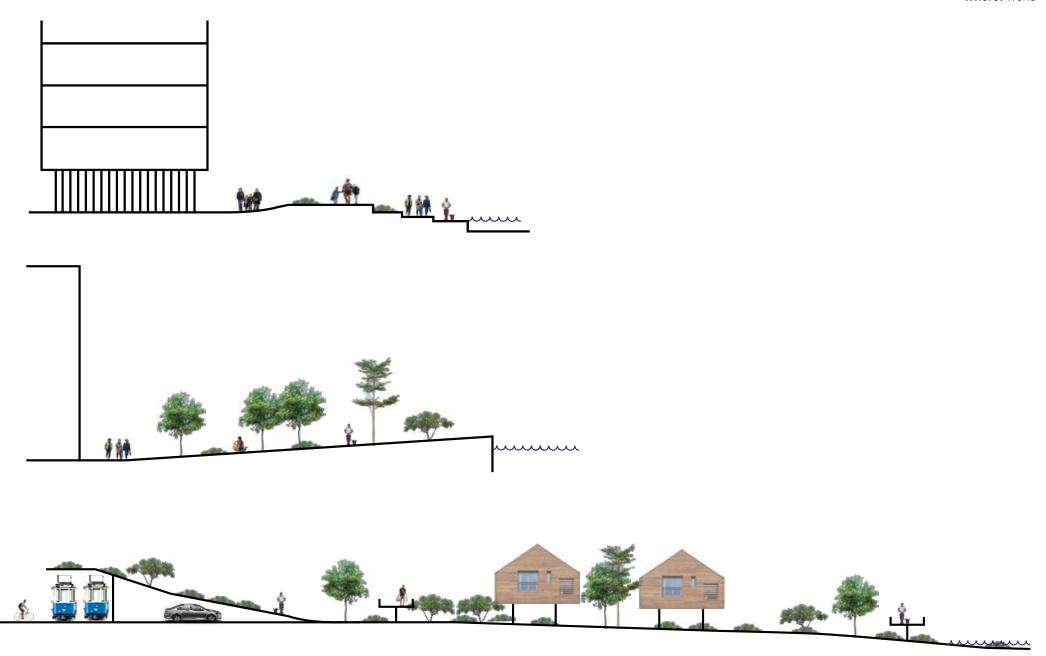












Acrylic





































































Ceramics









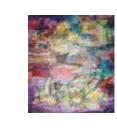
















Delta Interventions Gijs Beckman

Plaster





Jewelry









Costume





Mosaic



Opera



Drawing

















































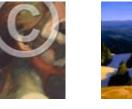




















Etching





Film



Furniture





Installation











Landscape













Metal









Mixed media





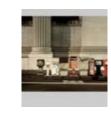


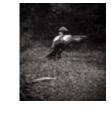
Photography





















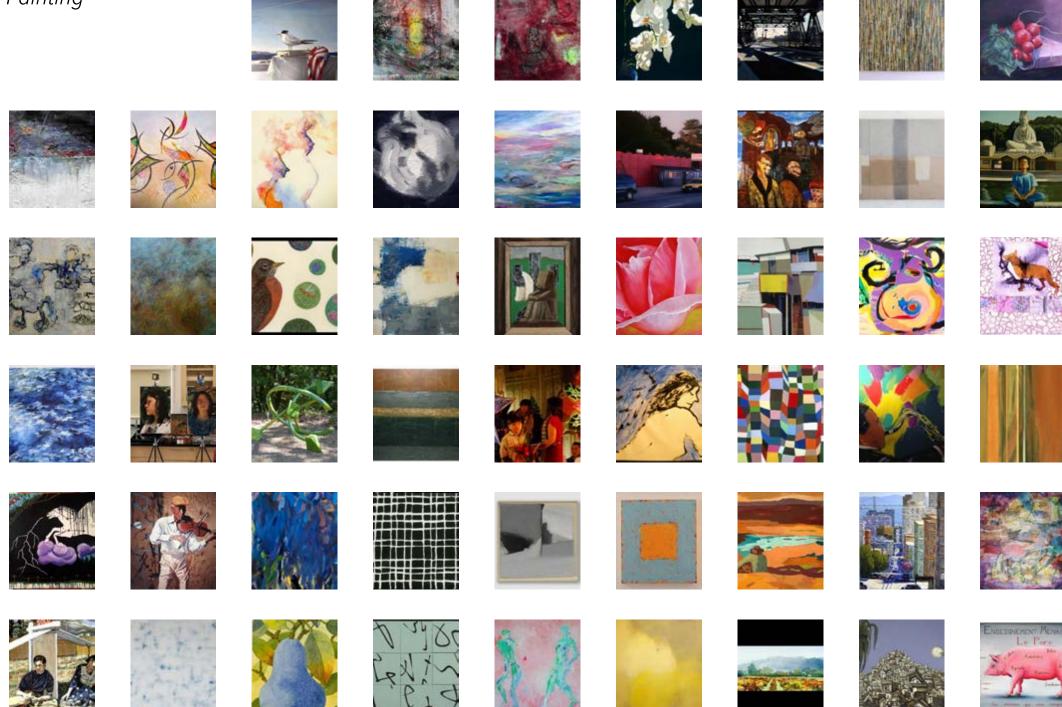








Painting



Delta Interventions Gijs Beckman

Painting















Printmaking



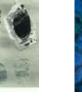




































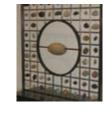
























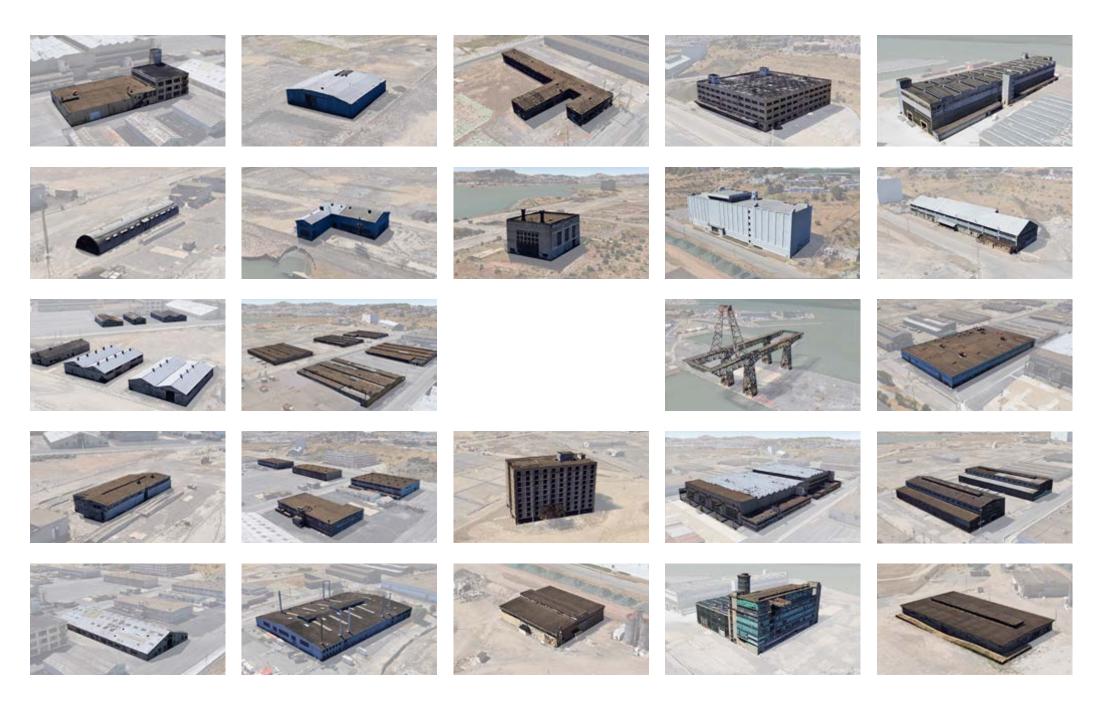


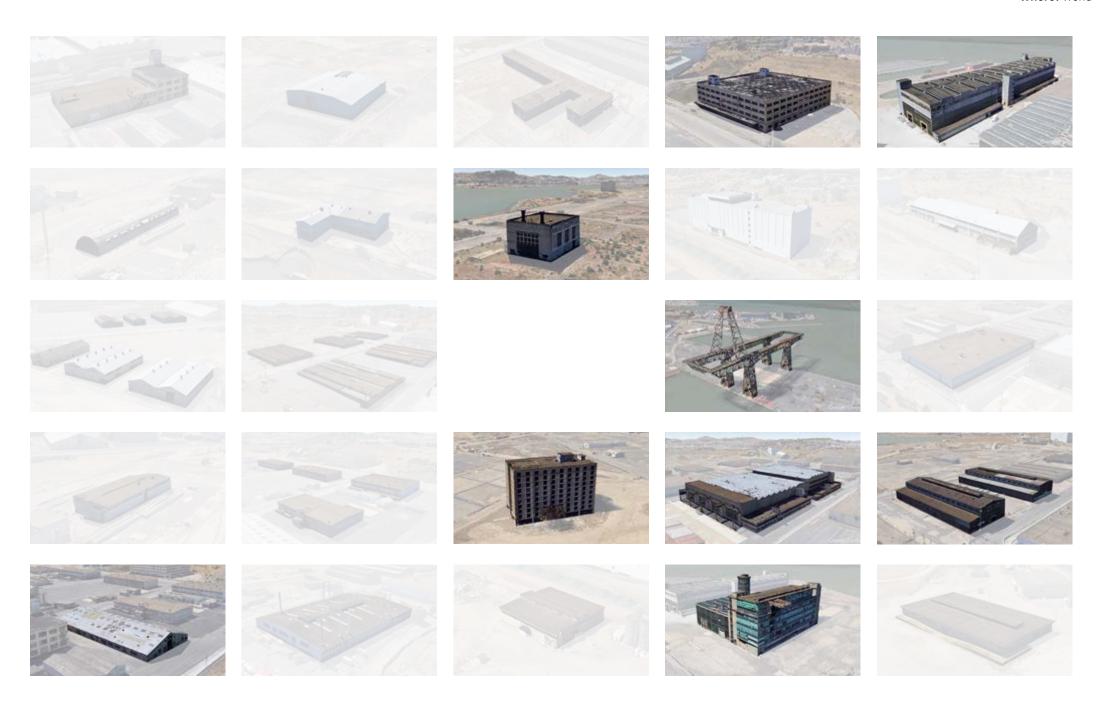










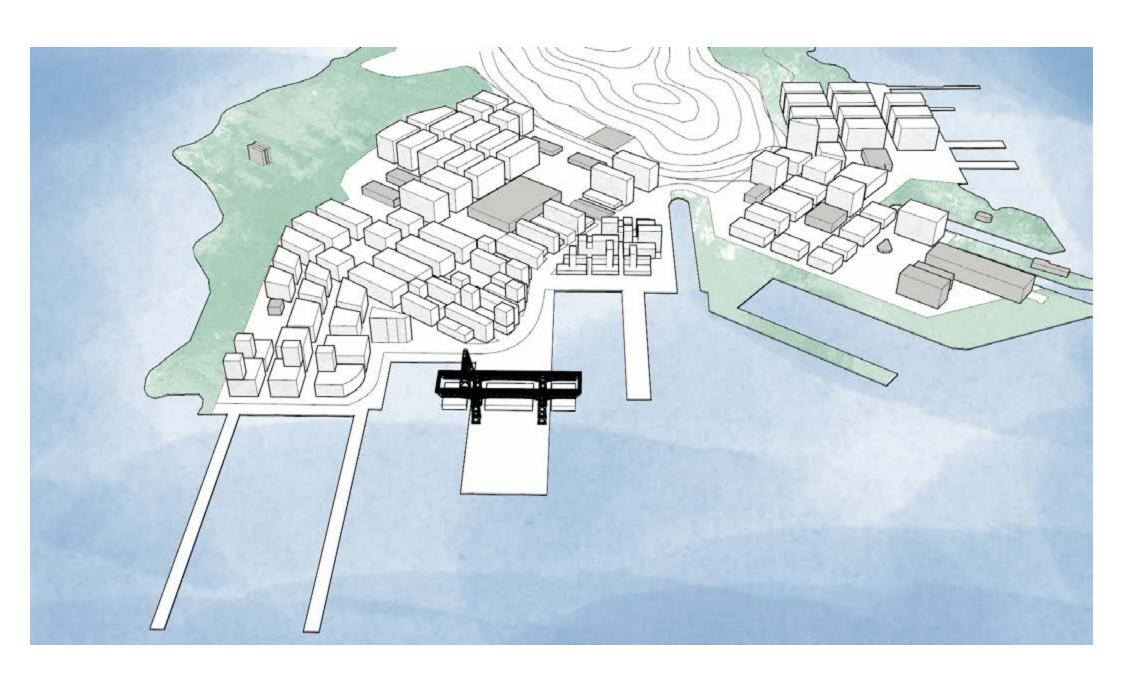






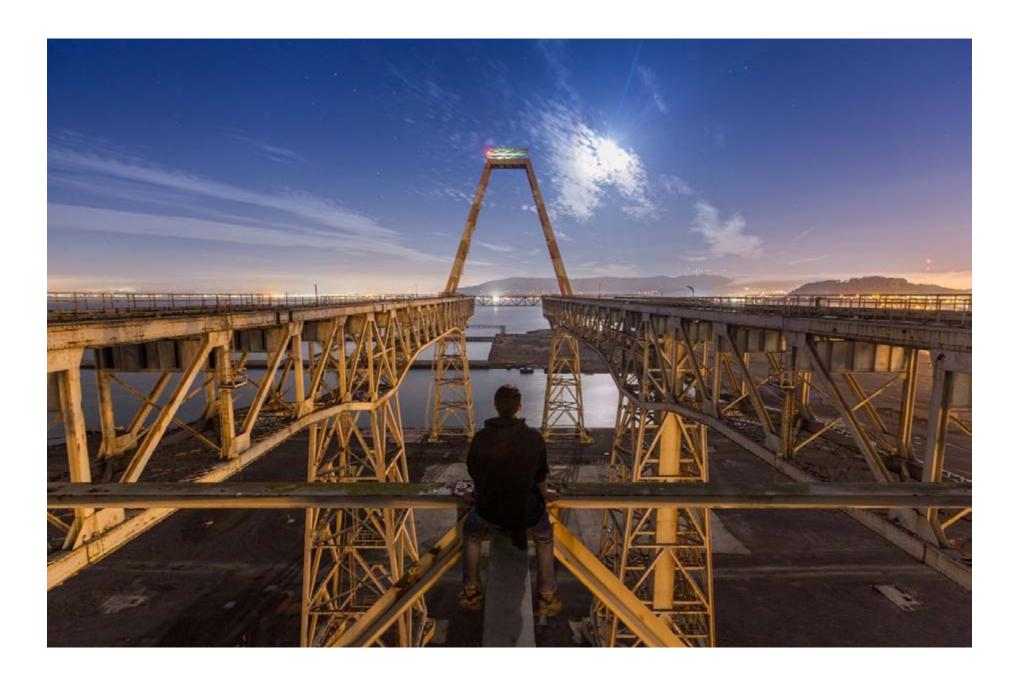




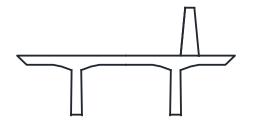


Project *The Crane*

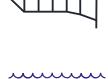




Why is this crane a possible interesting intervention?











Landmark

Potential public attraction.



Viewpoint over the bay.

50m over water

Connection with the bay.

Extraordinary structure

Potential unique building and spaces.

Historic value

Reinventing current real estate around the bay.





History

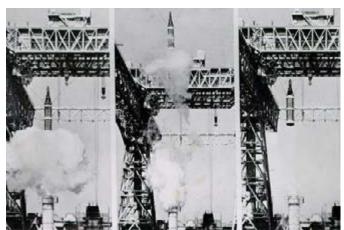
The Hunters Point gantry crane in San Francisco. It's the largest gantry crane in the world and was decommissioned in the early 70s. It's visible from most of the bay, but most people aren't aware of its size and don't notice the 8,400 ton behemoth looming over the water.







to swap gun turrets on ships and can lift a million pounds. In 1959 the tower on top was added for Operation Skycatch, a program for testing missiles.





Delta Interventions Gijs Beckman

The Crane Appearance

How to create new space?

The former crane:

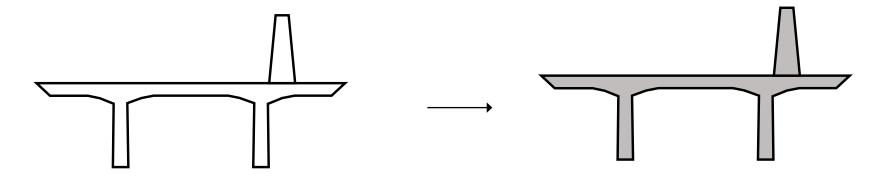
- Complex steel structure
- Mostly symmetrical
- Powerful appearance

Landmark:

- A building or place that is easily recognized
- A prominent identifying feature of a landscape
- A building or site with historical significance

The future crane should:

- Emphasize the shape of the crane
- Complement the experience of the crane
- Be easily recognized







NDSM Kraan IAA Architects Amsterdam

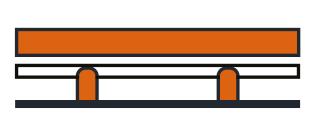
Kraanspoor OTH Architects Amsterdam

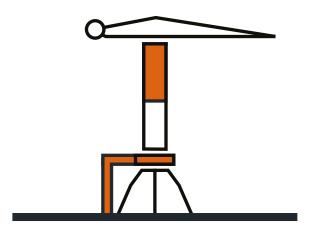




- Filling up space - Contrast

- Adding space - Complement











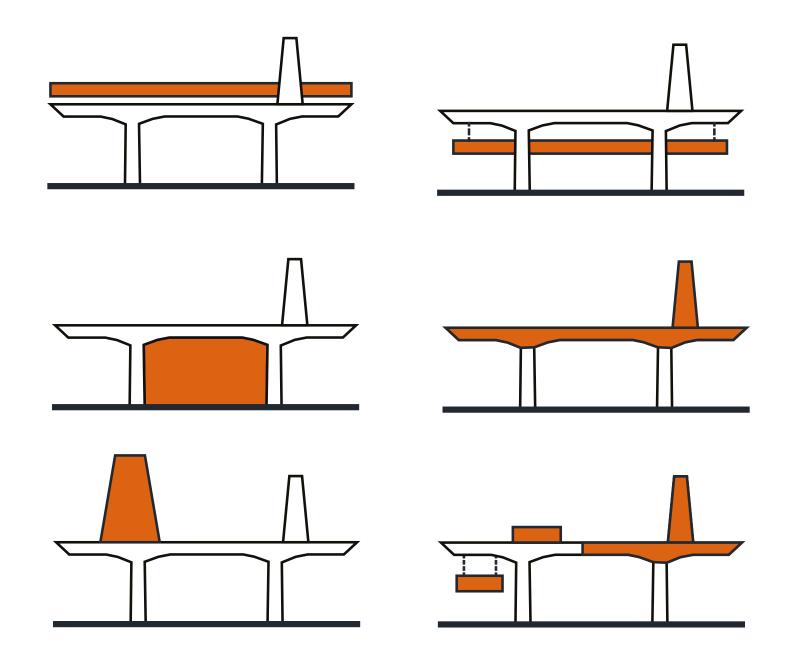


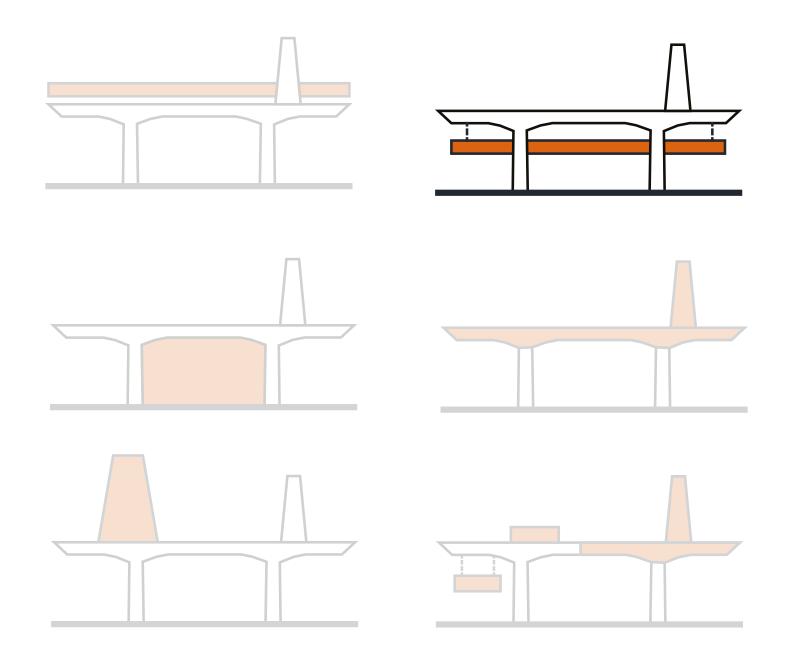


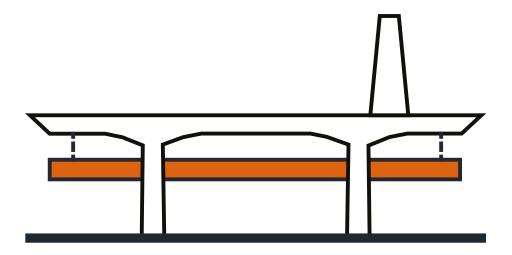


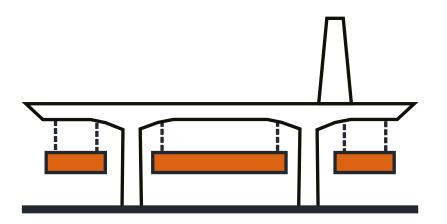


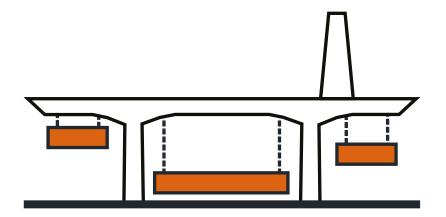






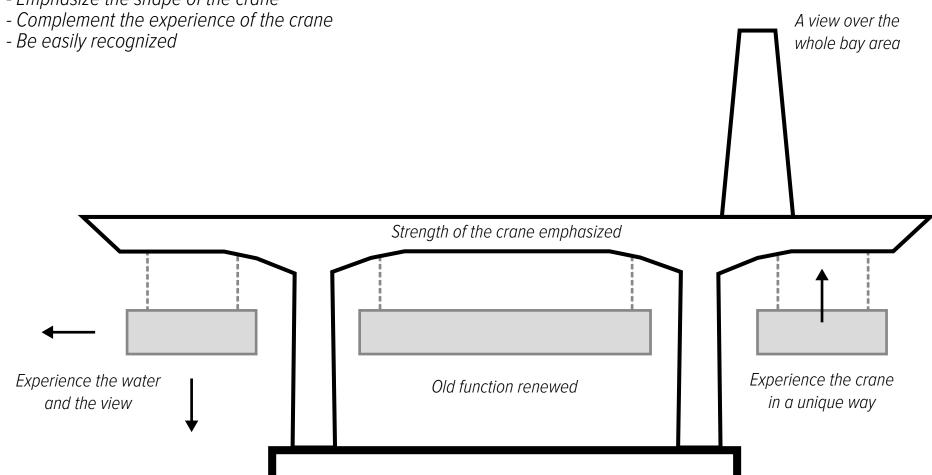






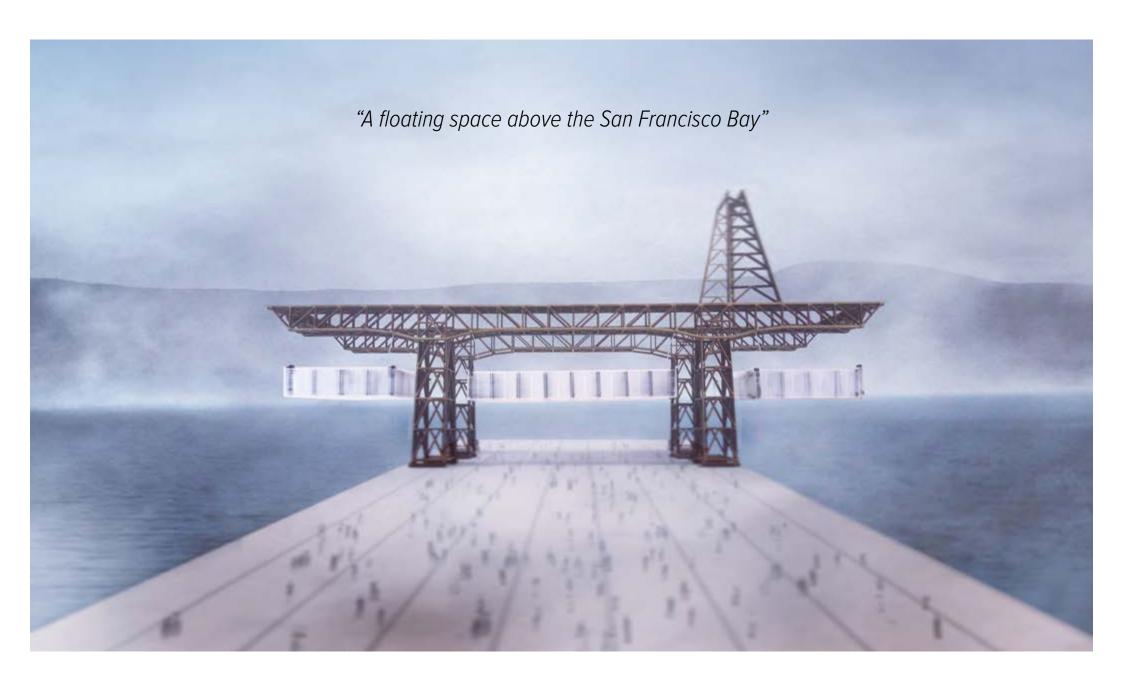
The future crane should:

- Emphasize the shape of the crane









Use *Program*









Visitors

- Viewpoint
- Culture
- Education

Residents

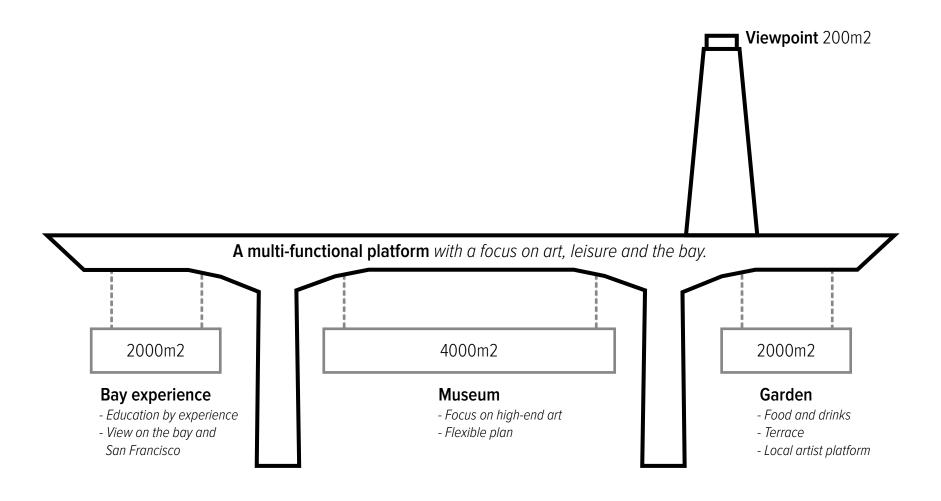
- Leisure
- Culture
- Liveliness

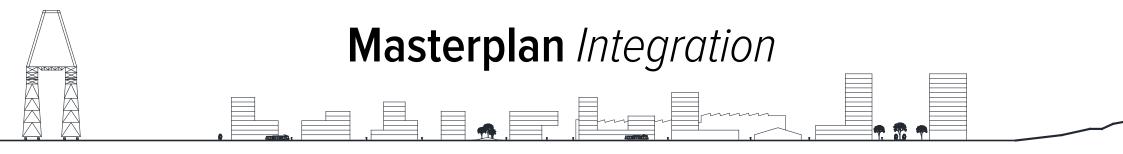
Local artists

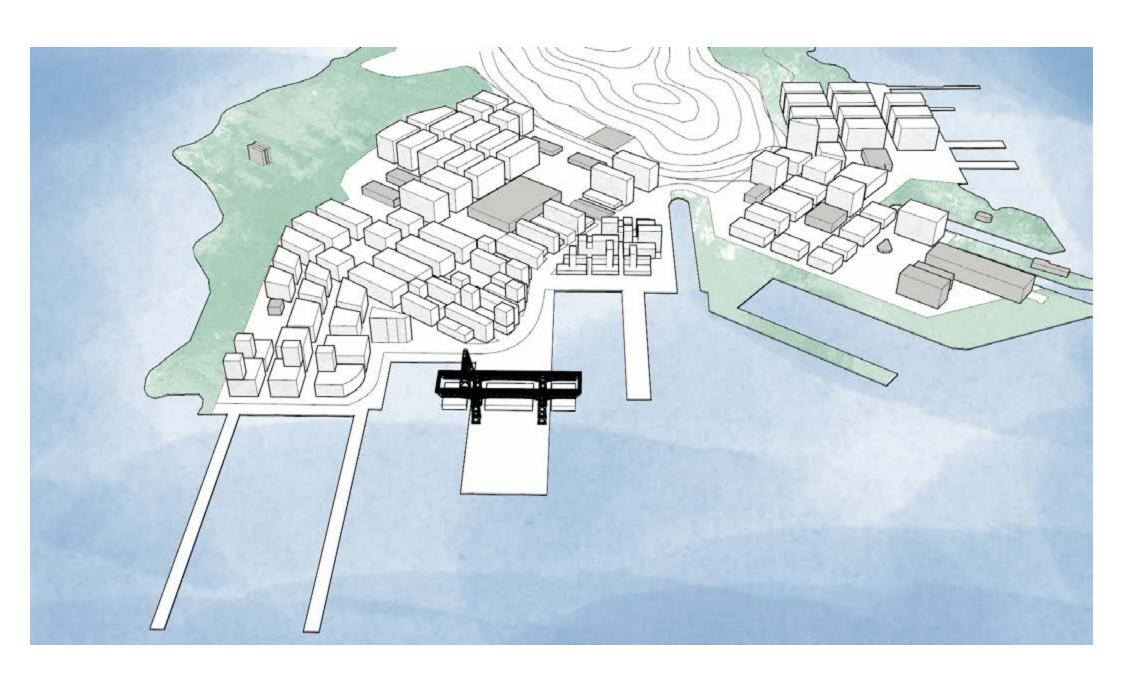
- Icon
- Interaction platform
- Exhibition platform

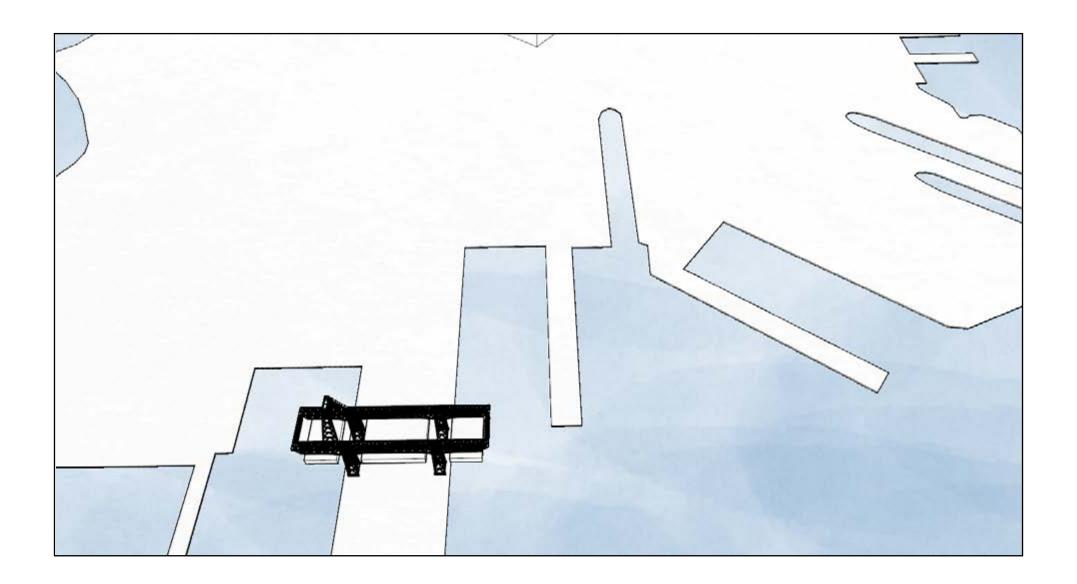
Business

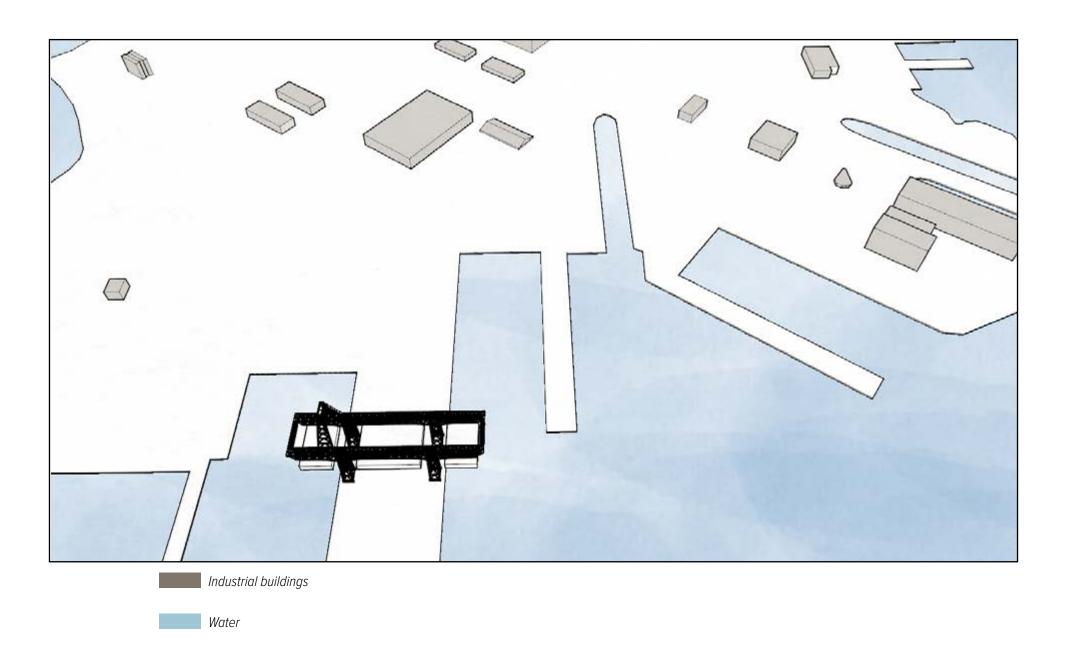
- Centre
- Accelerator
- Exposure





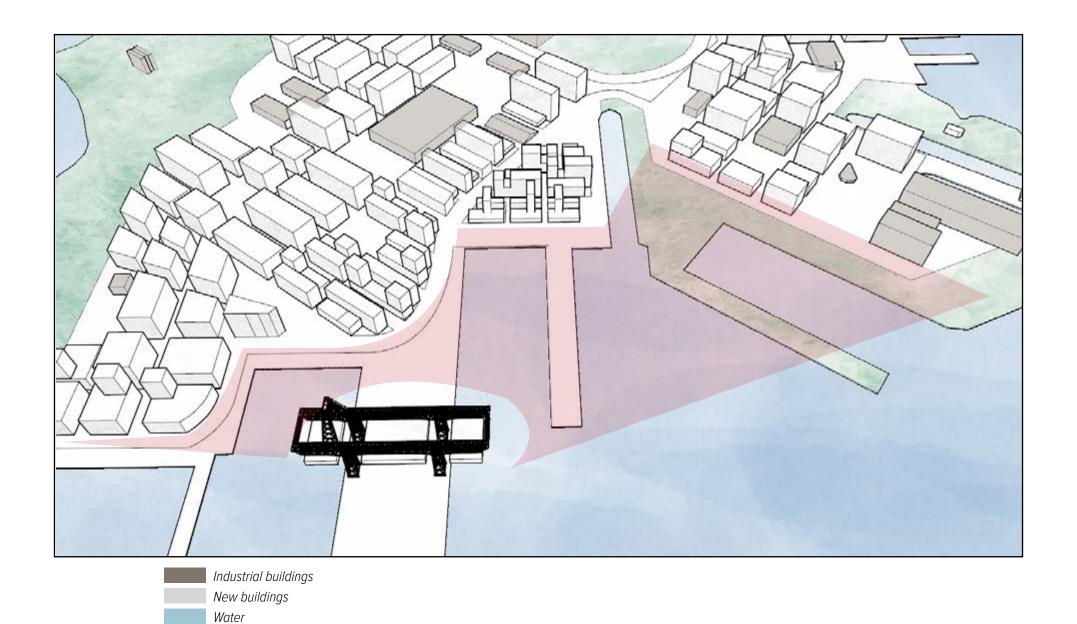






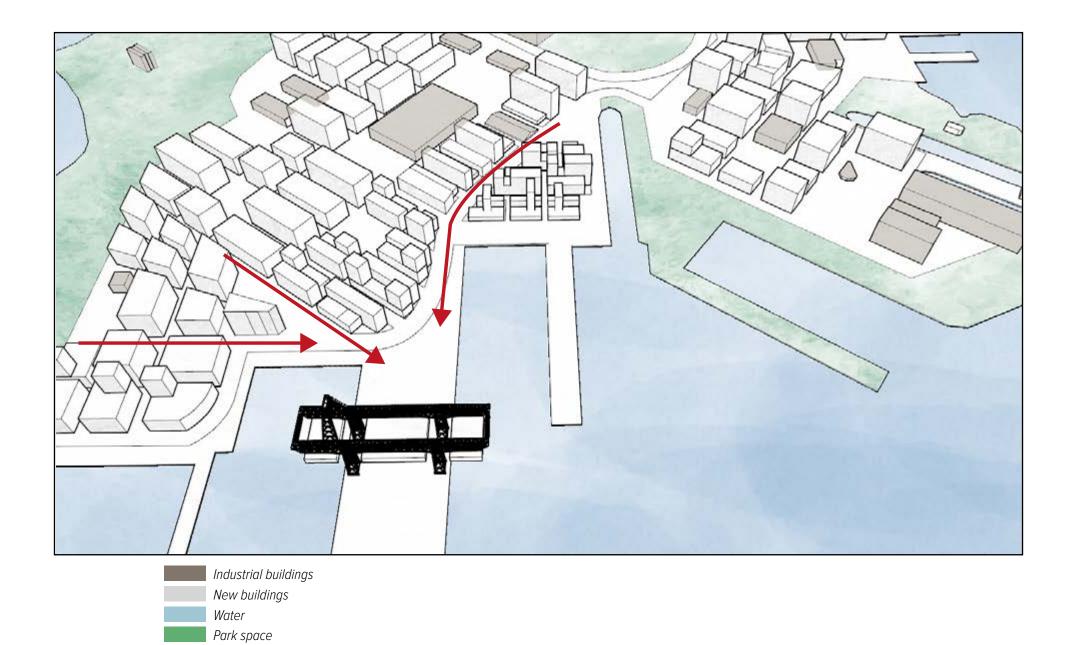




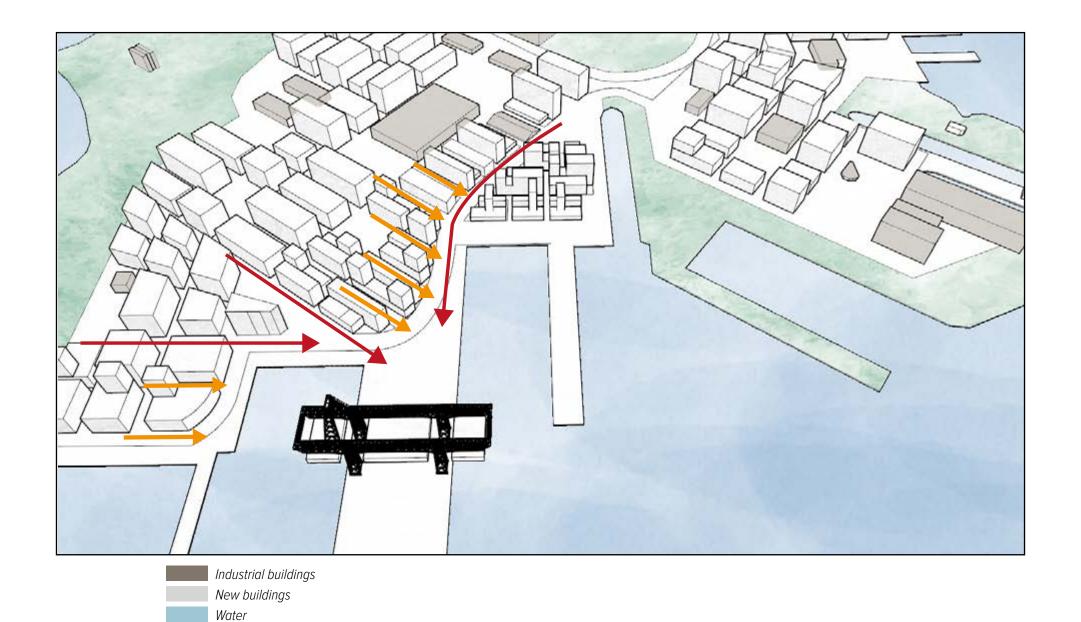


Park space

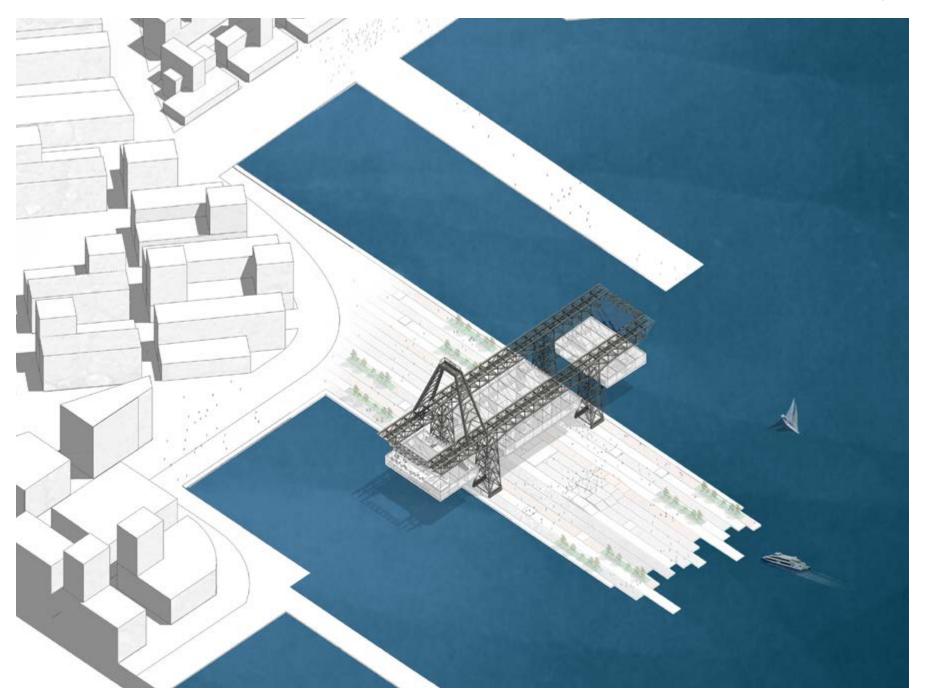
Visibility of the crane

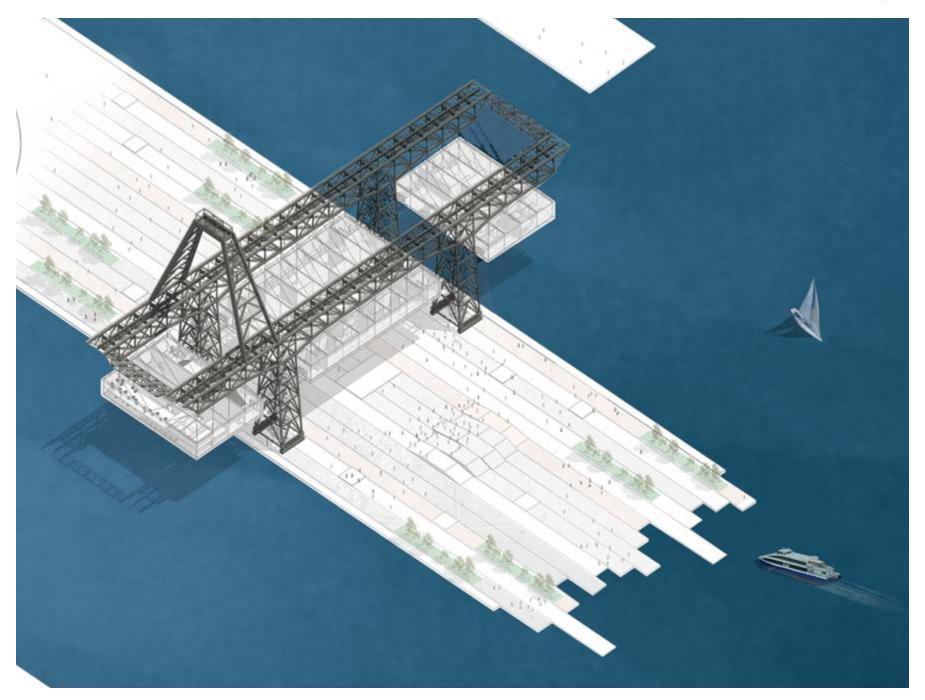


Main roads

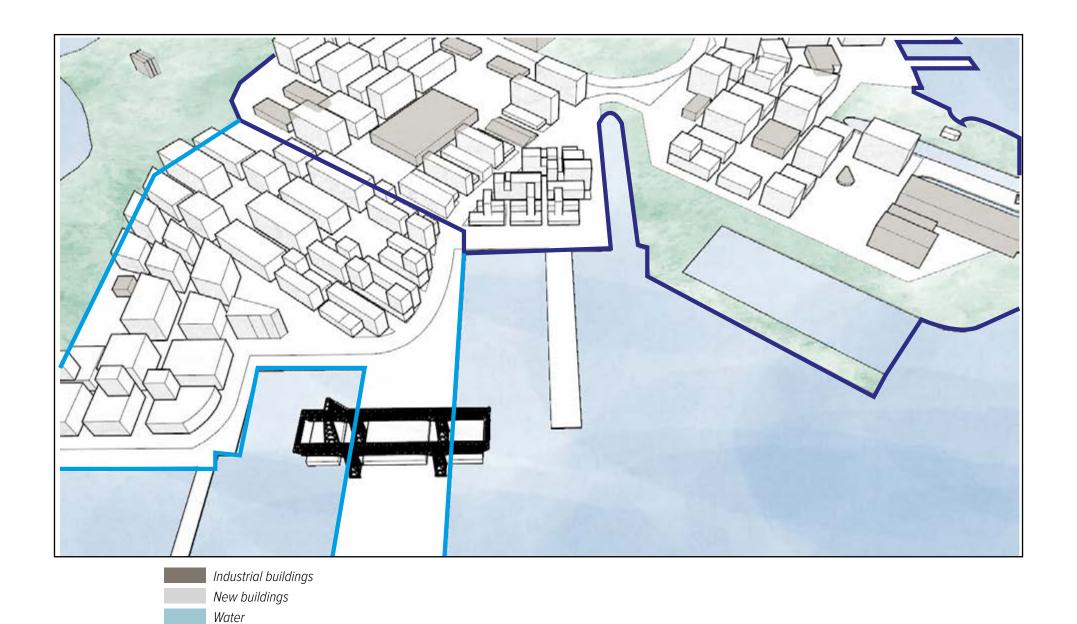


Park space Main-roads Sub-roads





Project *Groundlevel*



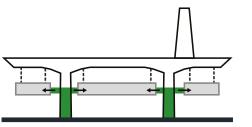
Park space

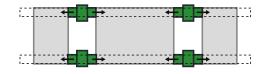
Water defense line Water defense line

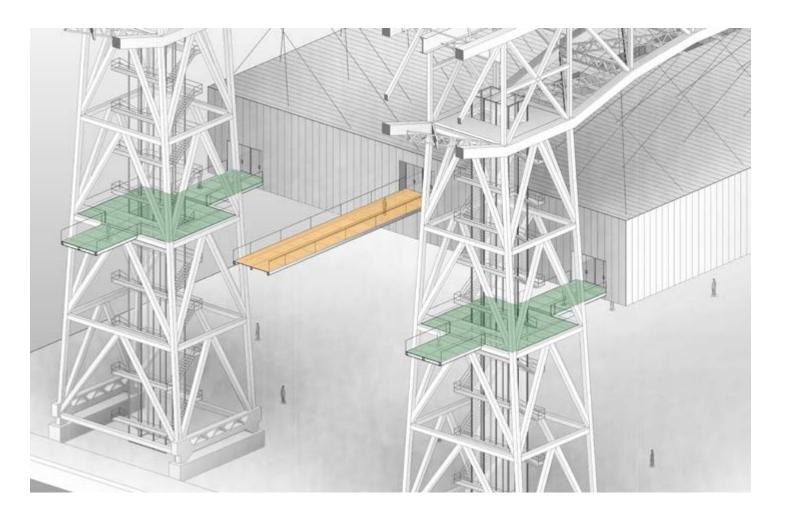


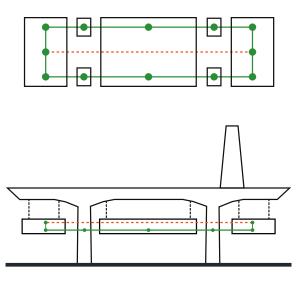
Project *Accessibility*

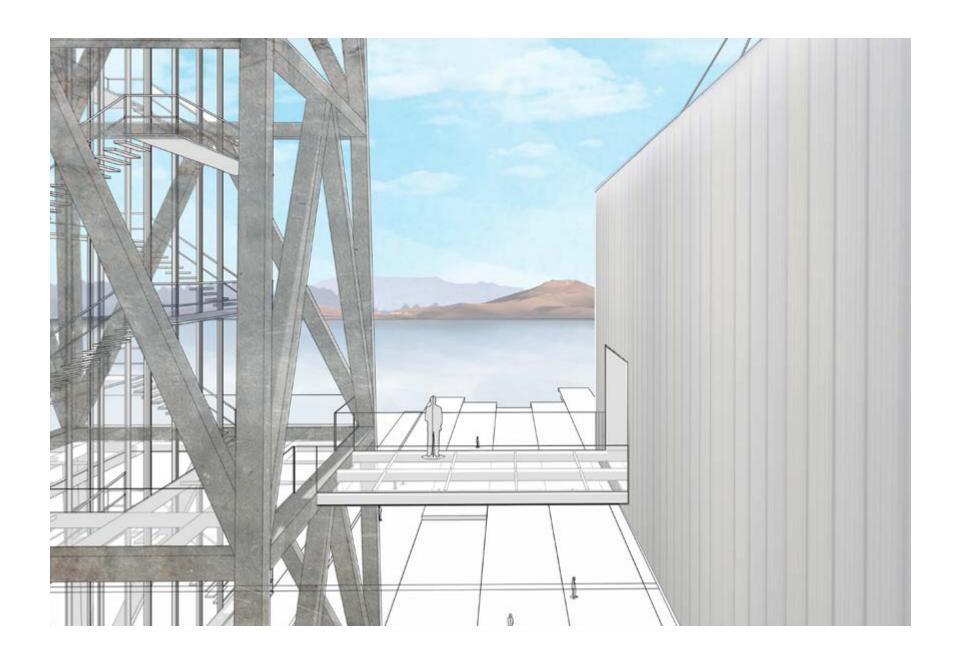












Volumes *Material*

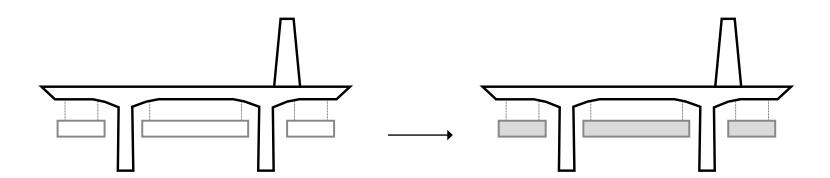
What material is best to use?

Characteristics of the shape

Emphasizes the shape of the crane Complement the experience of the crane Be easily recognized

Consequences for the used material

Clear form Surrealistic appearance Contrast to steel

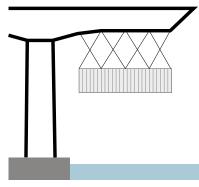












Wooden slats

Polycarbonate

Sustainability + Recycle + Light

+ Contrast to crane and cables

- Not a total clear volume (when using transparent views)

+ Floating appearance + Lighting up at night

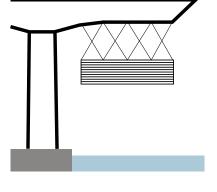
+ One clear volume

- More maintenance

- Conflict with crane and cables
- Less magical appearance



- + Low maintenance
- Heavy

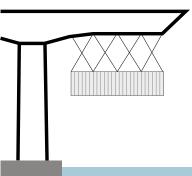


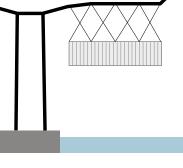
Glass with print

- + Contrast to crane and cables
- + Lighting up at night
- Not a total clear volume (when using transparent views)

Sustainability

- + Low maintenance
- Heavy







Fondazione Prada, OMA



Inside



Outside

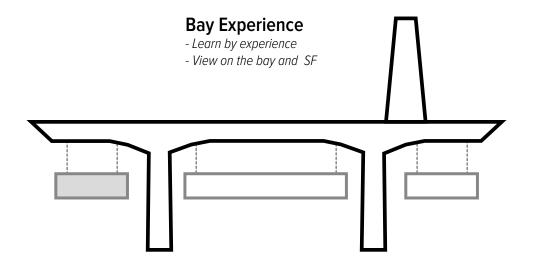


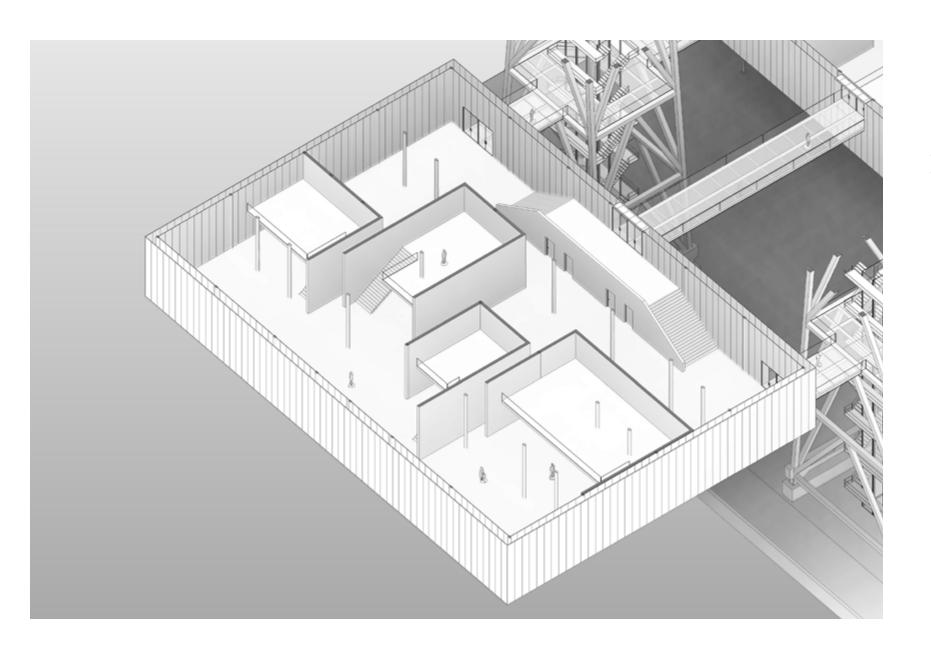
Inside

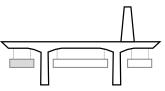


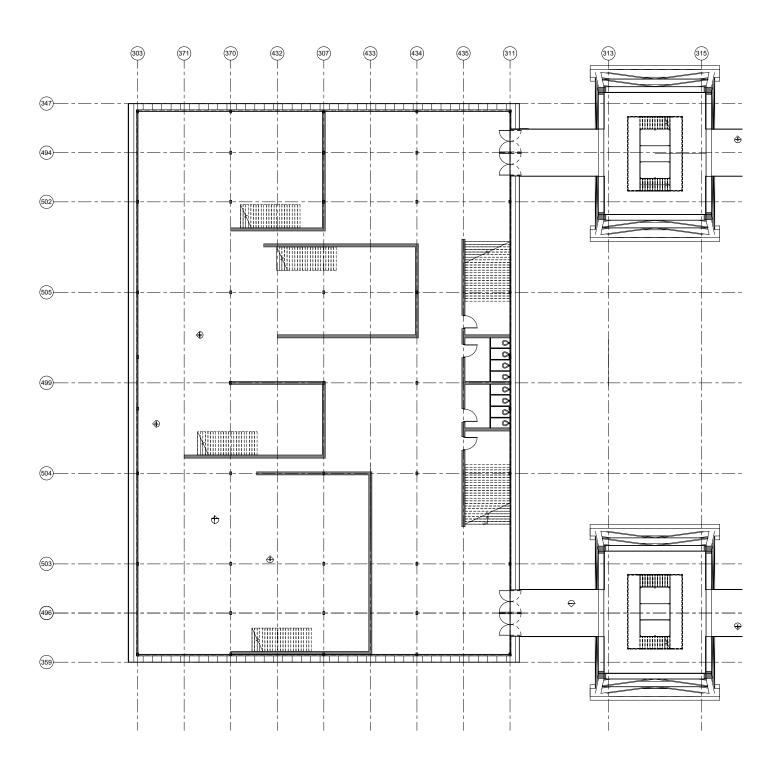
Volumes *Internal experience*

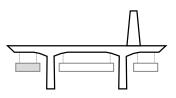
Bezoekers stromen







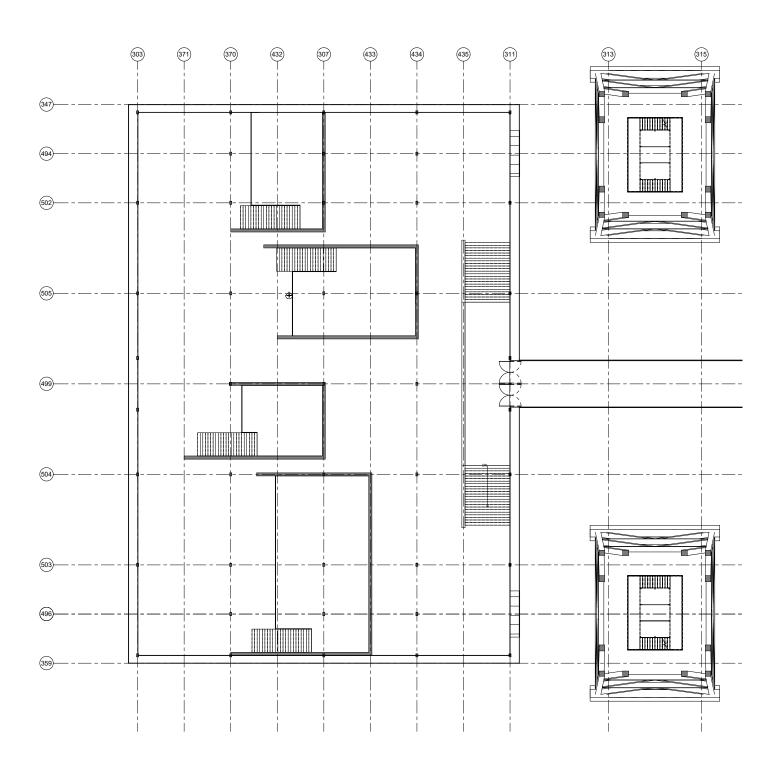


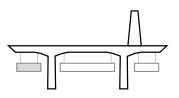


Bay Experience

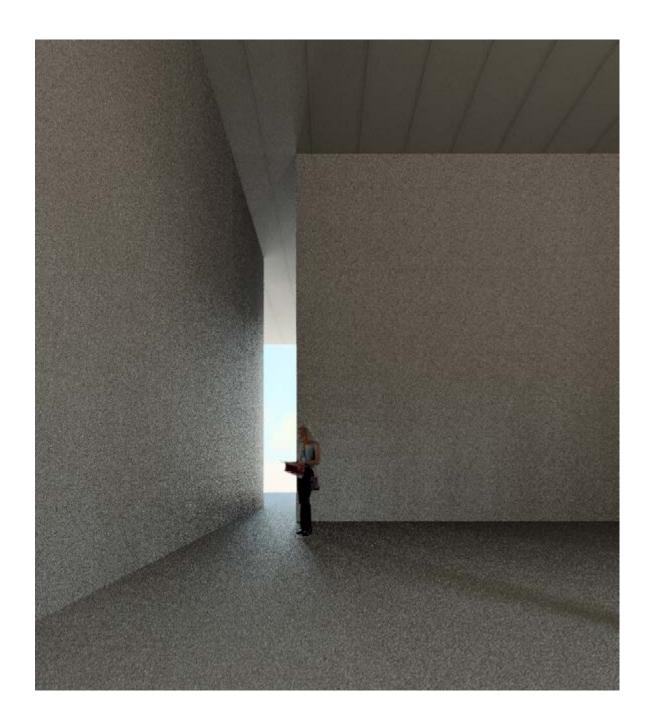
- Learn by experience
- View on the bay and SF

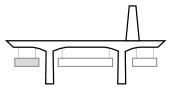




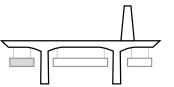


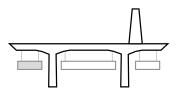


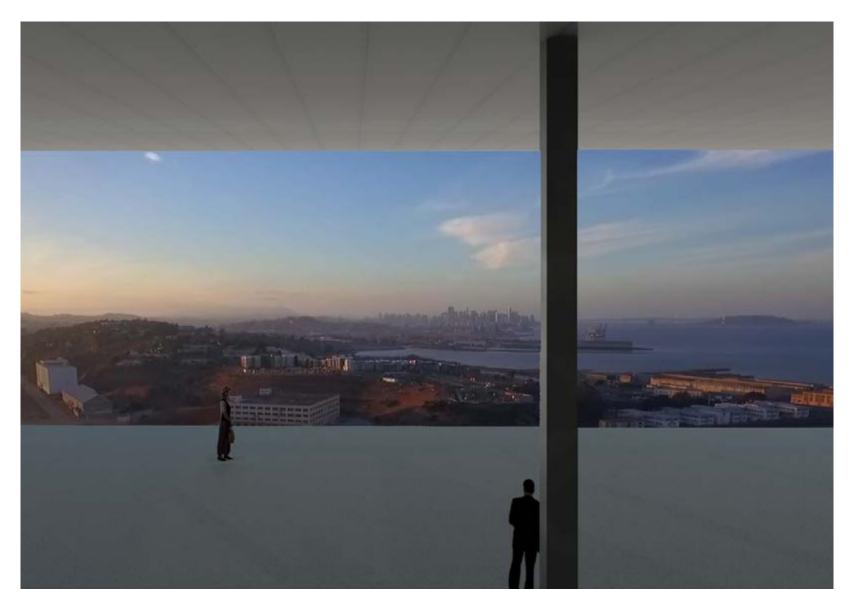


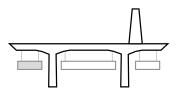




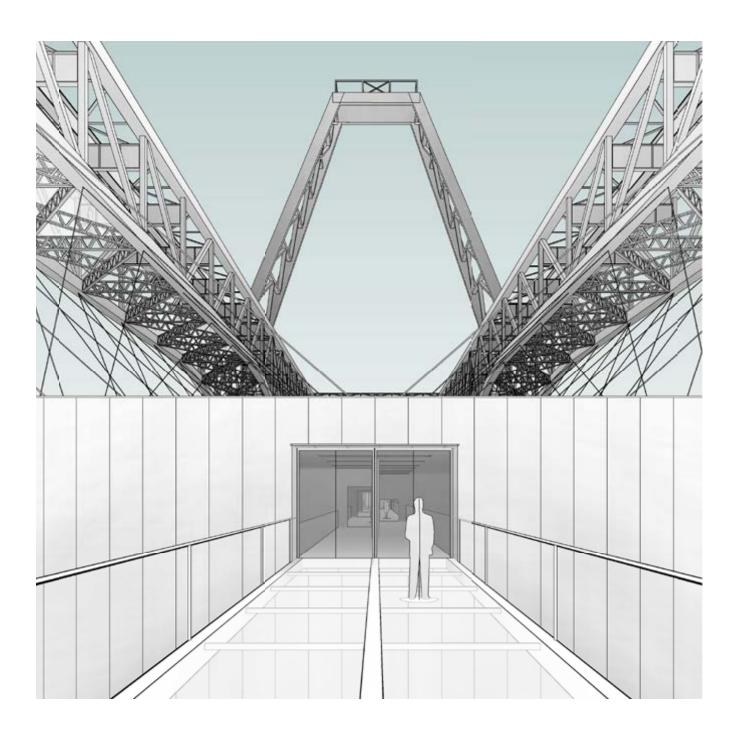


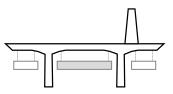




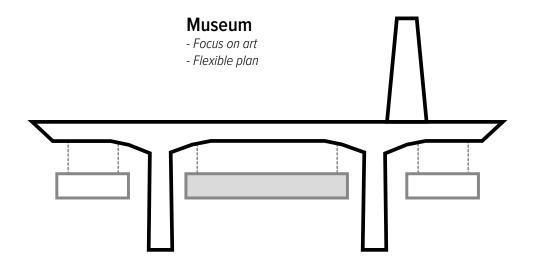


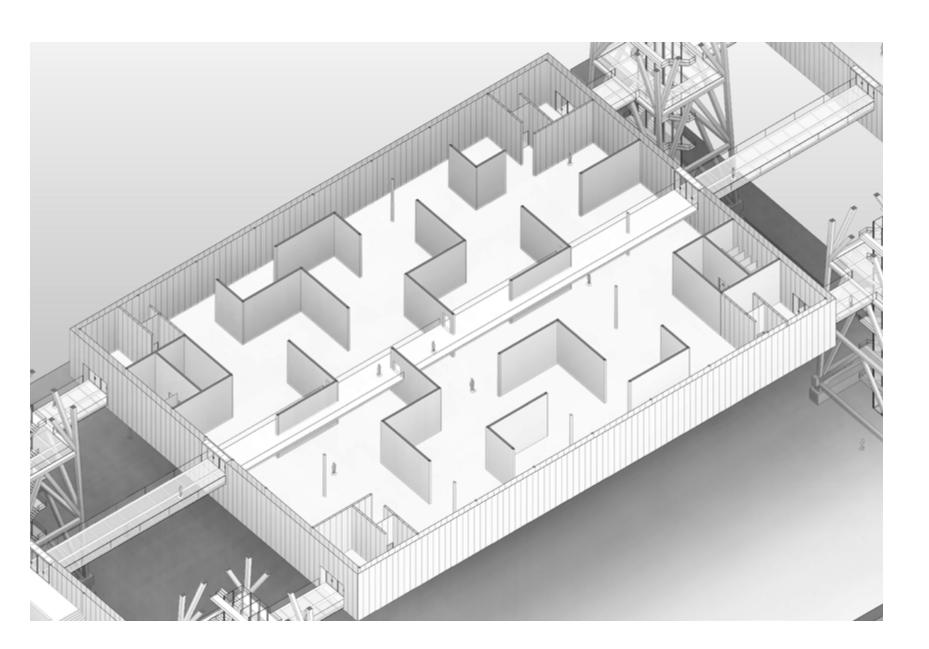


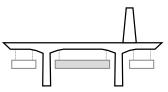




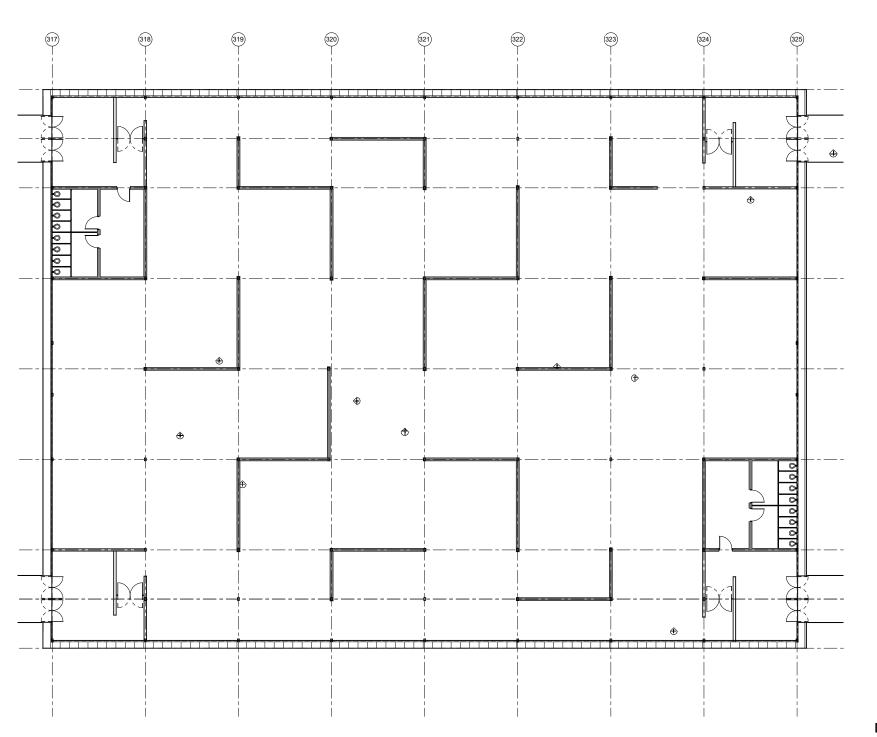
- Focus on art
- Flexible plan

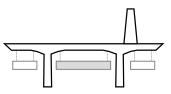






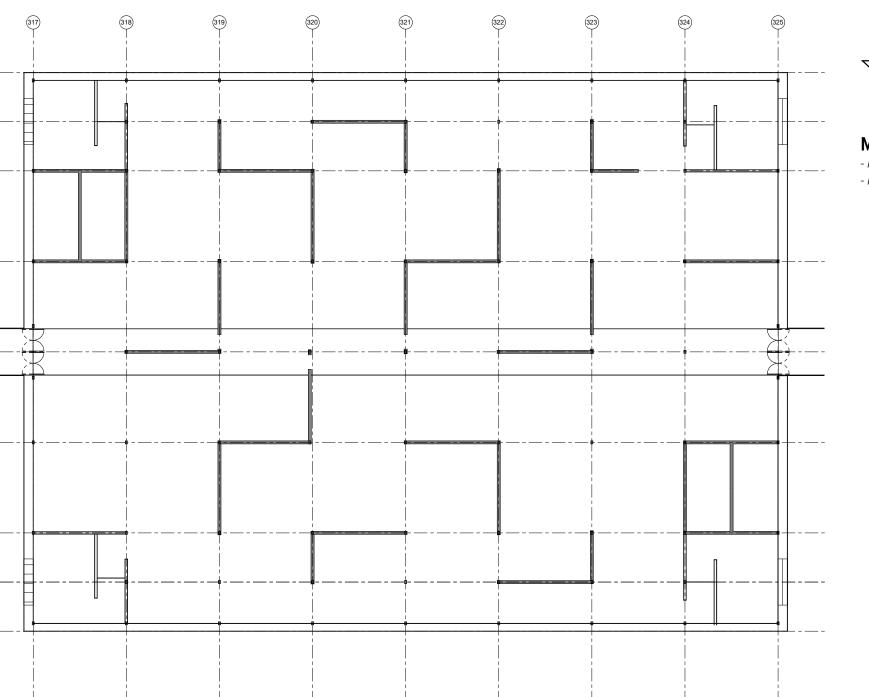
- Focus on art
- Flexible plan

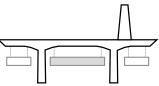




- Focus on art
- Flexible plan

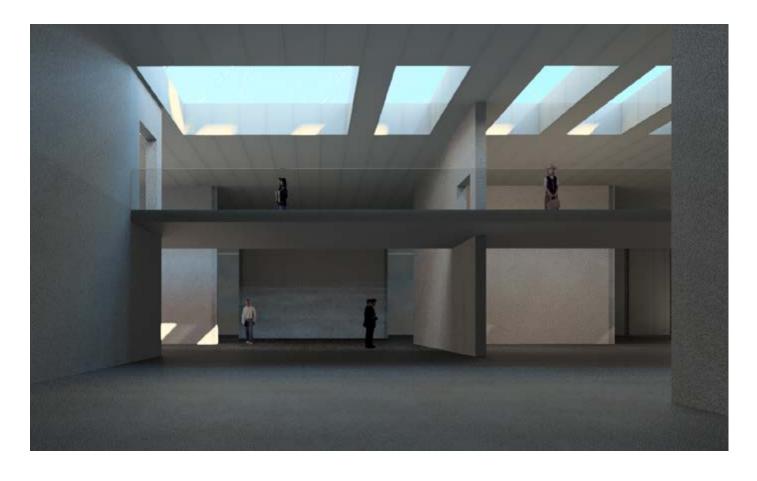


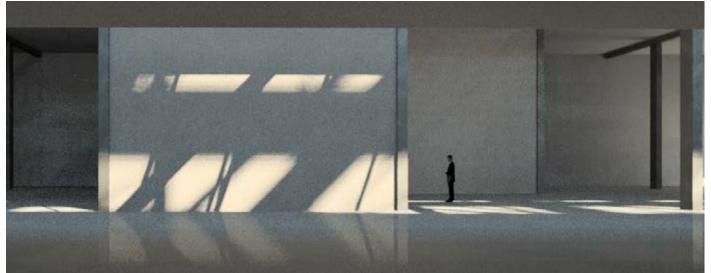


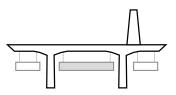


- Focus on art Flexible plan

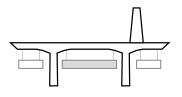








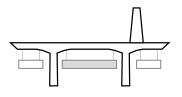
- Focus on art
- Flexible plan





- Focus on art Flexible plan

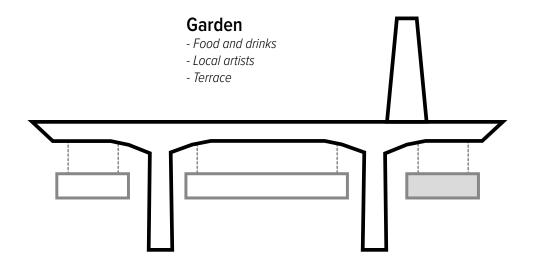


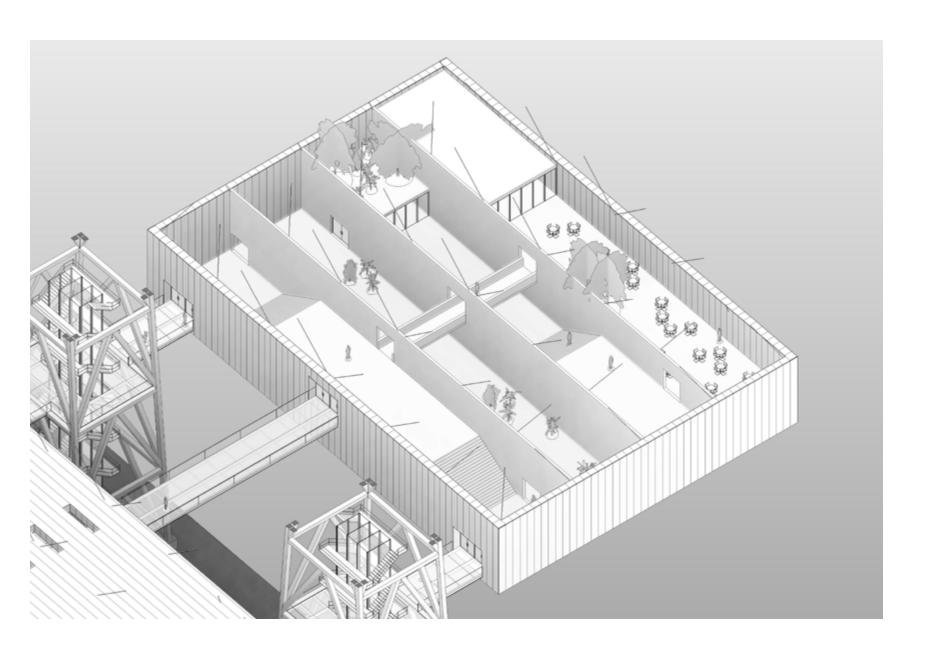


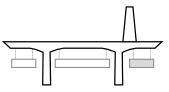


- Focus on art Flexible plan

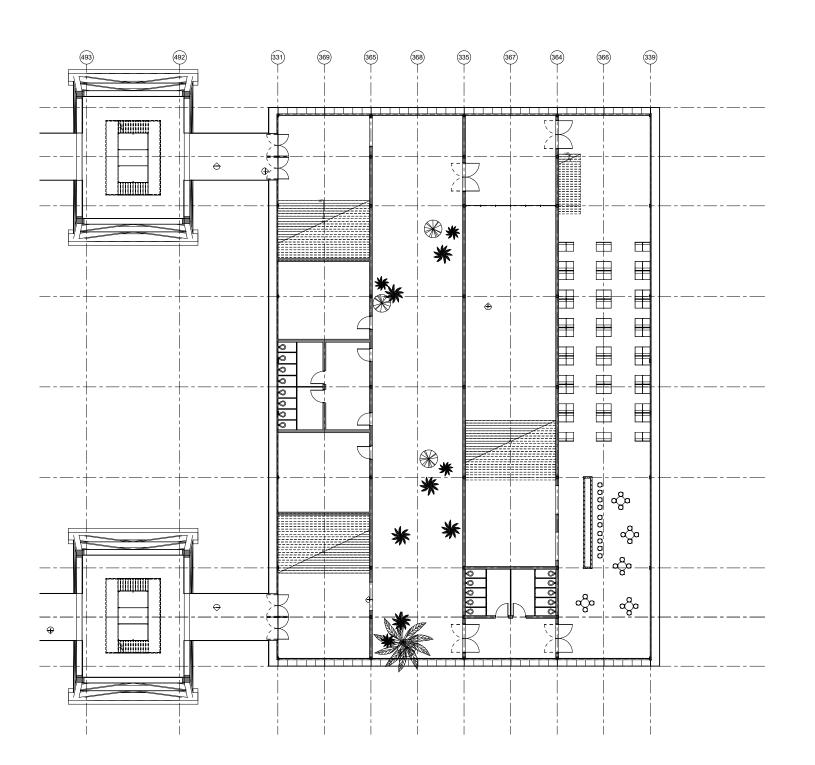


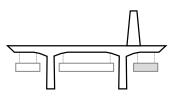






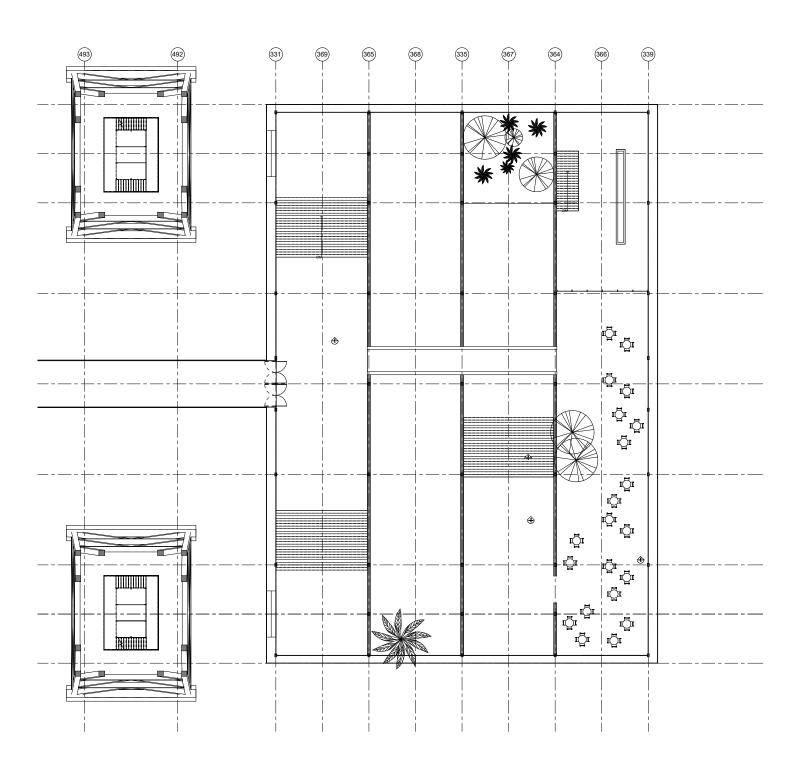
- Food and drinksArt gardenTerrace

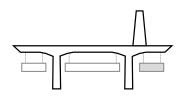




- Food and drinks
- Art garden
- Terrace

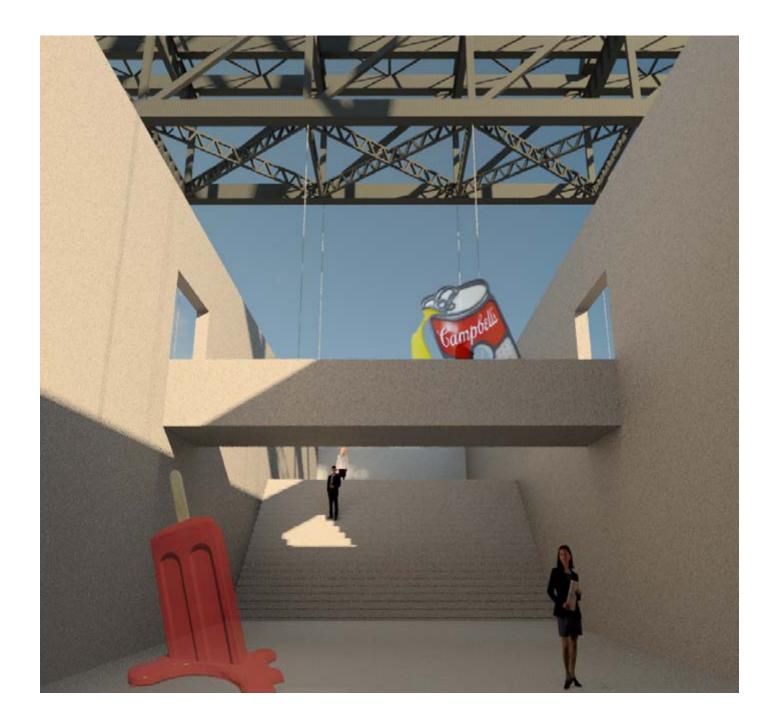


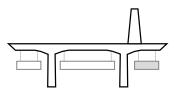




- Food and drinks
- Art garden
- Terrace

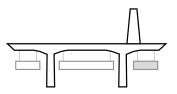




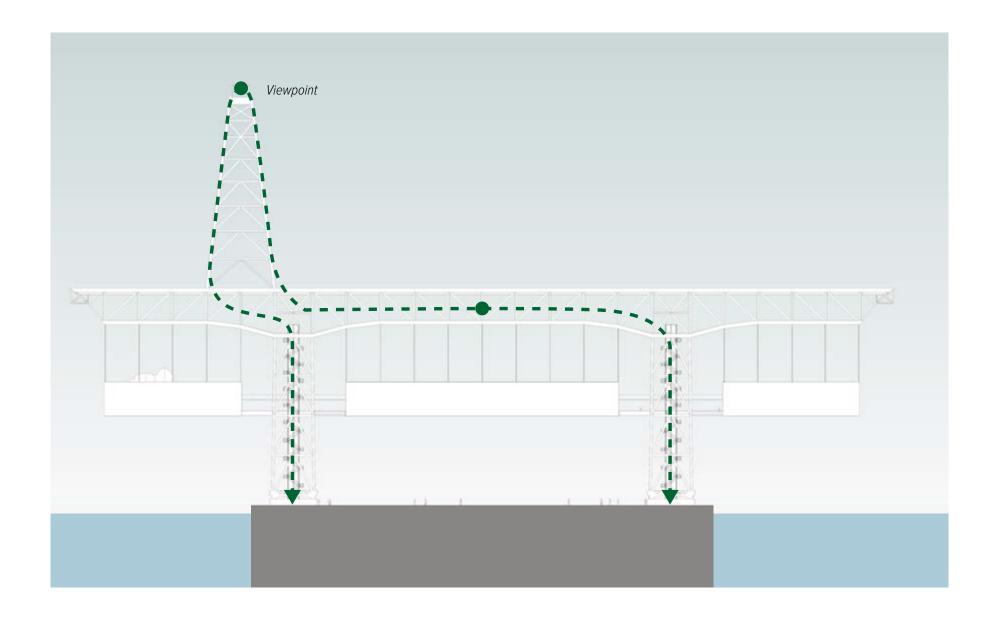


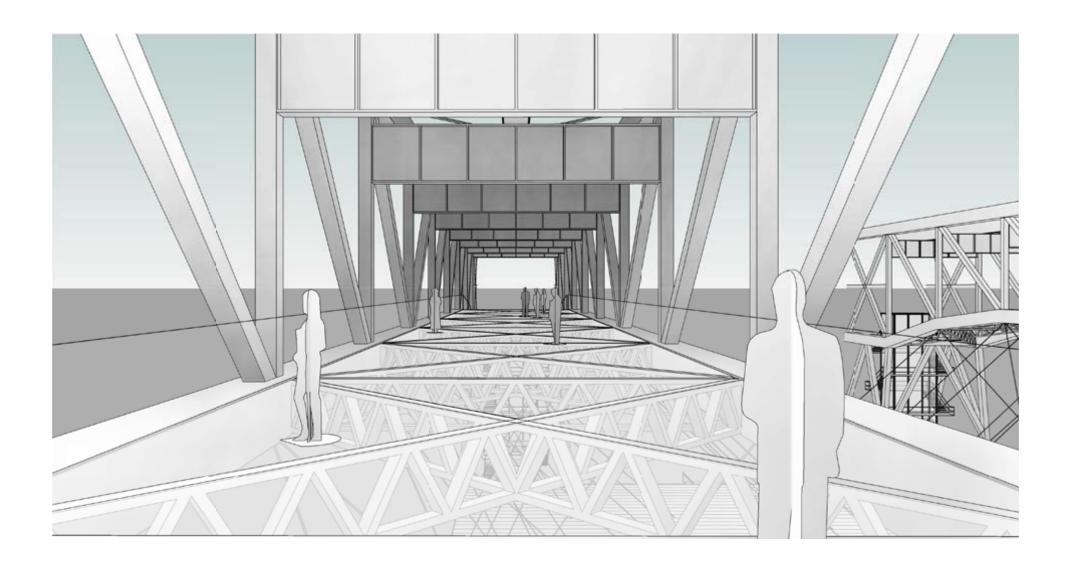
- Food and drinks
- Art garden Terrace

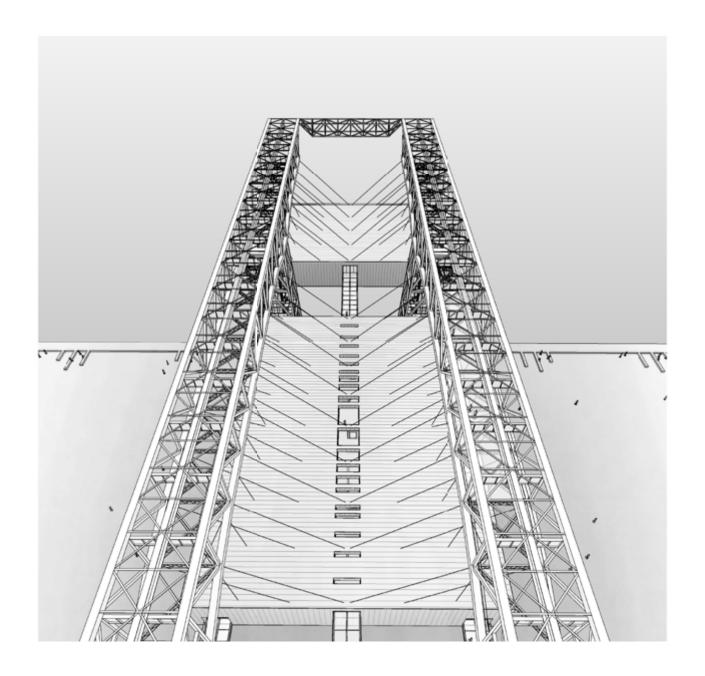


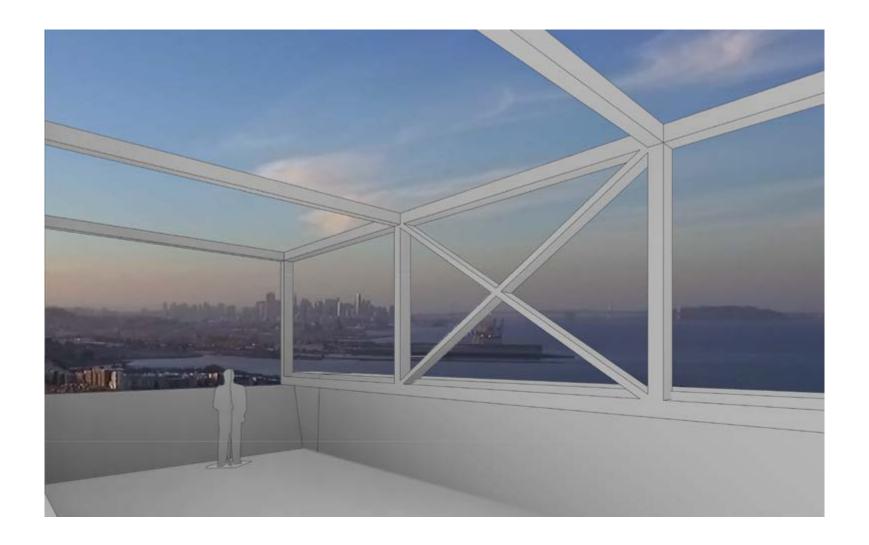


- Food and drinks
- Art garden Terrace

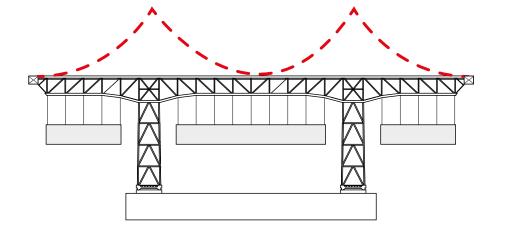


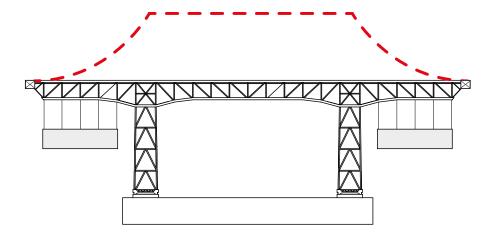


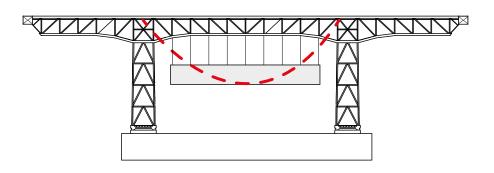


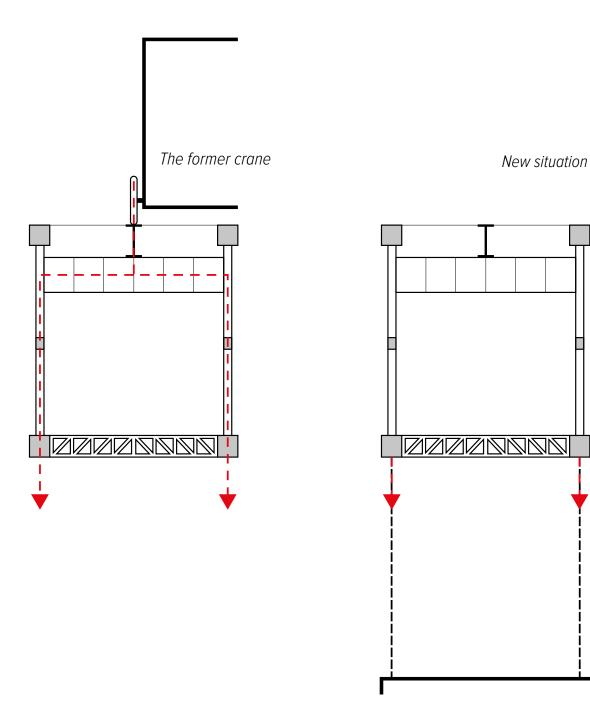


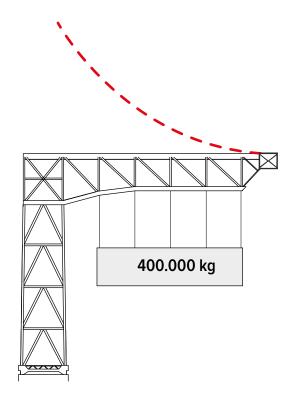
Technology Construction

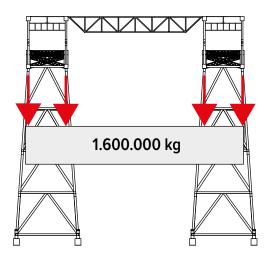


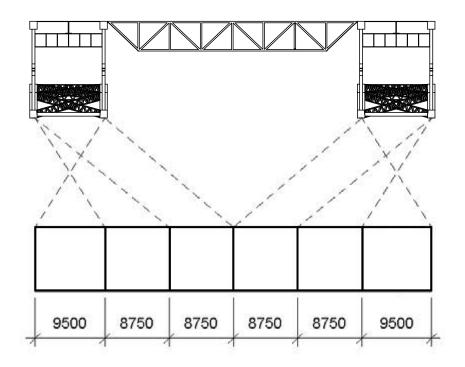


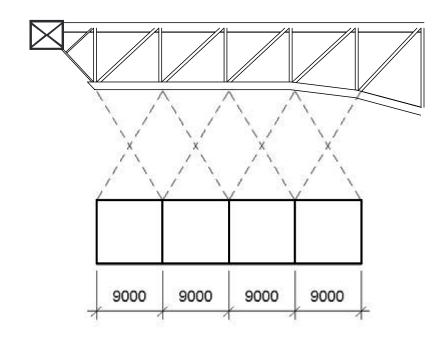


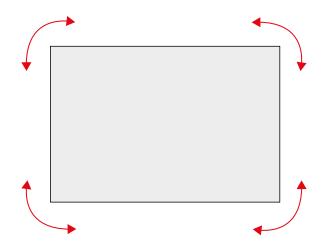




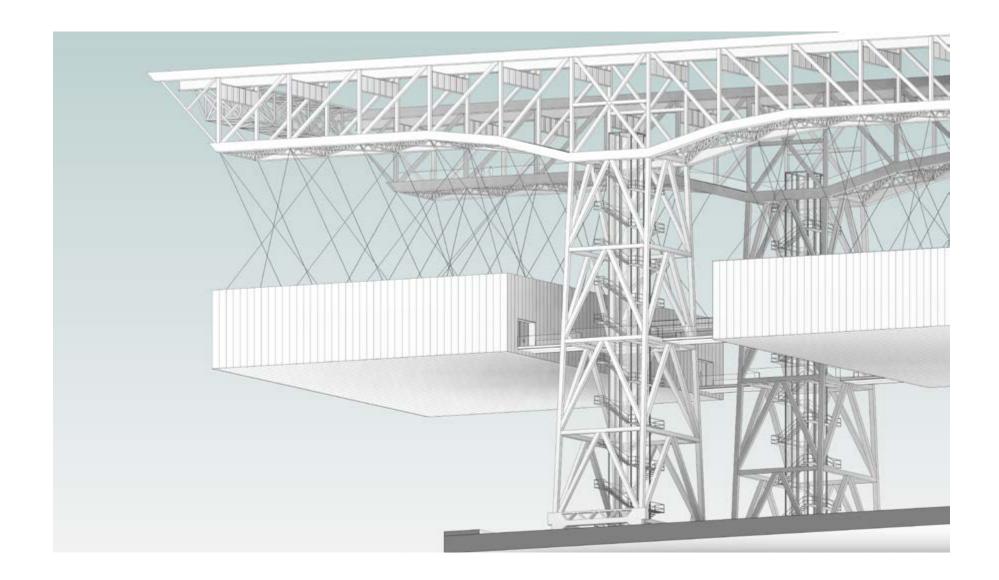


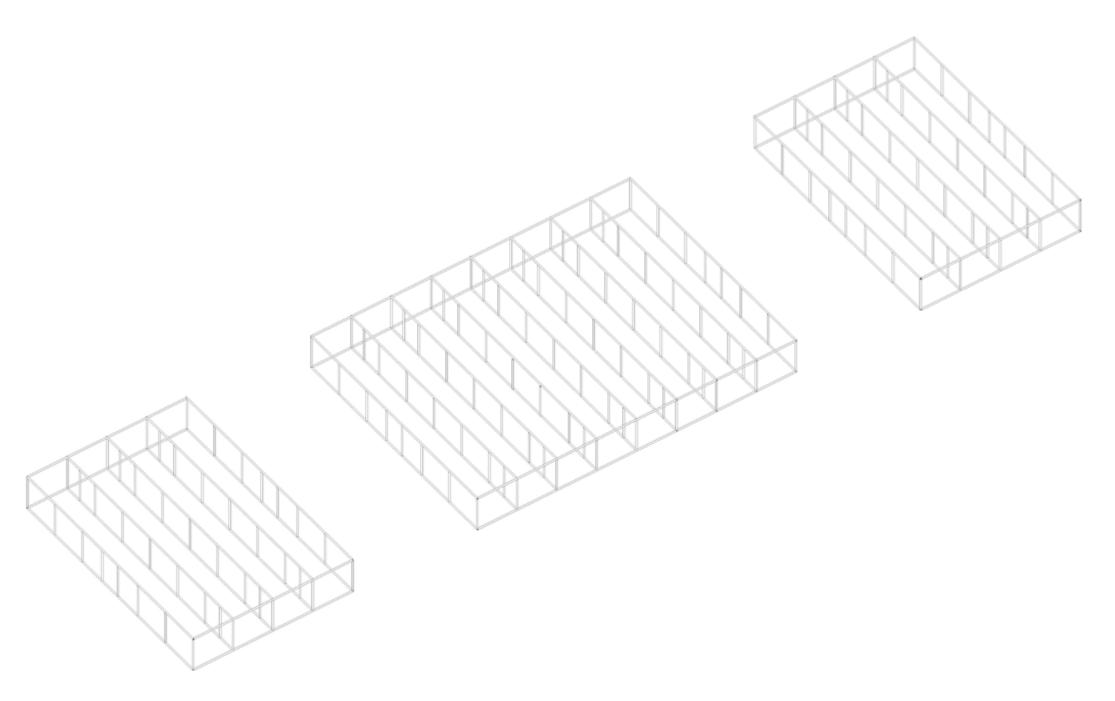


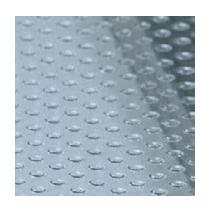


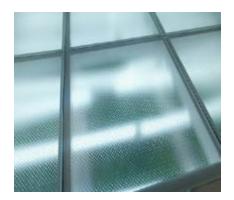


- Maximum span of 9500 meter
- Volume cannot move horizontally

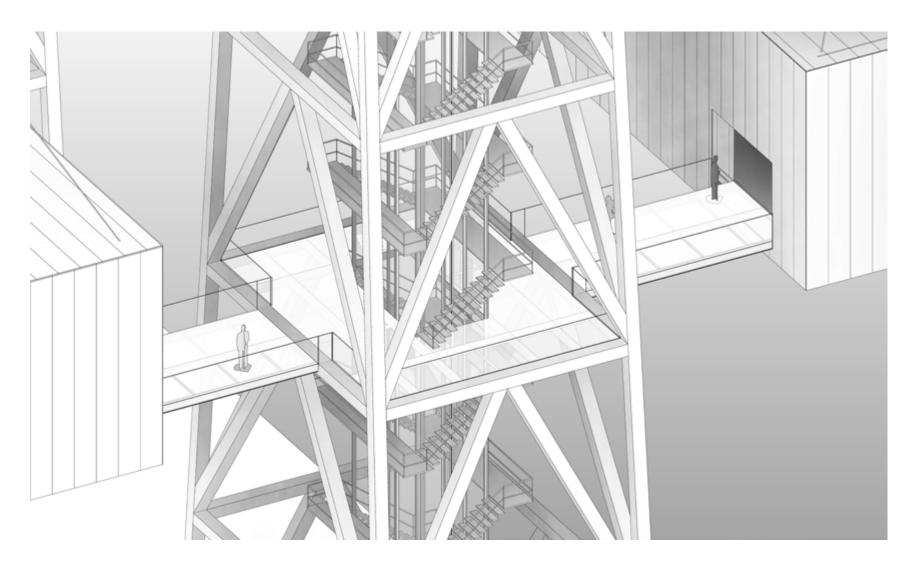


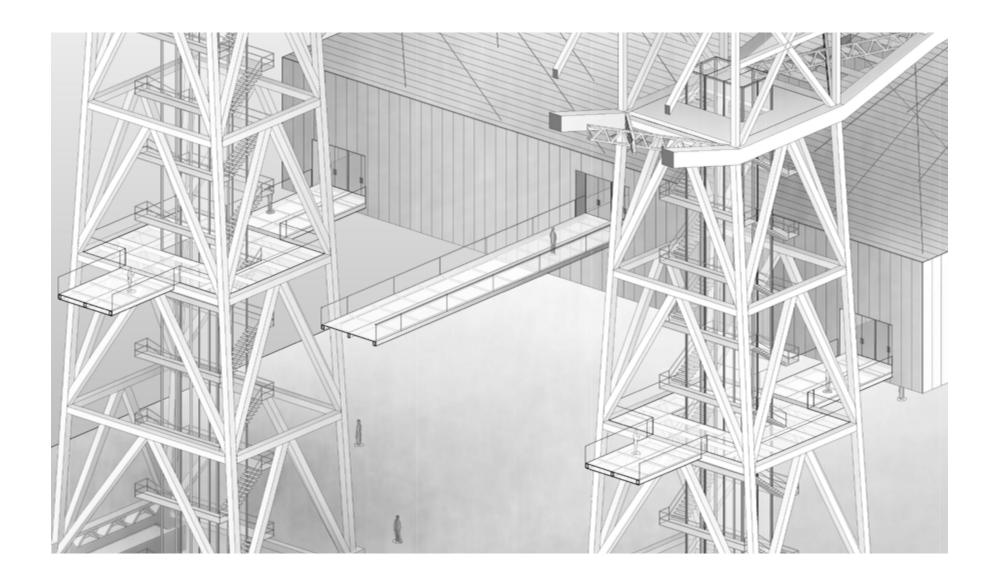


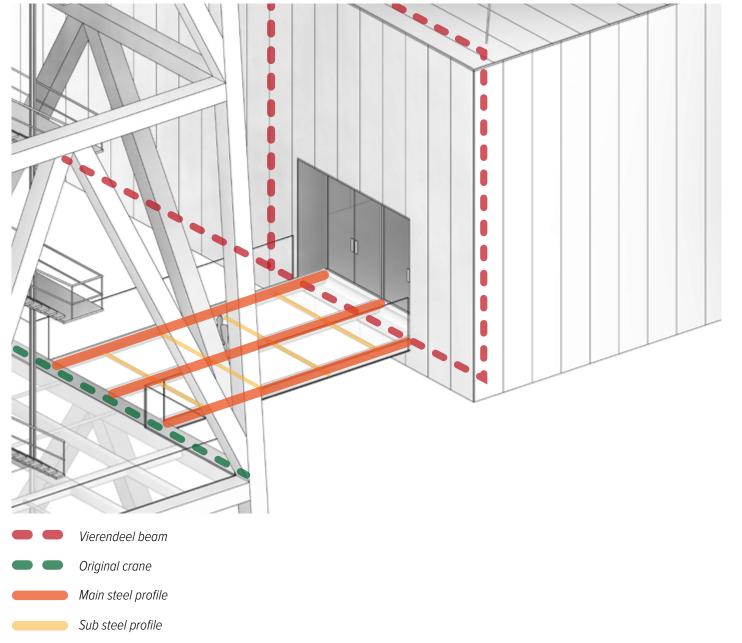




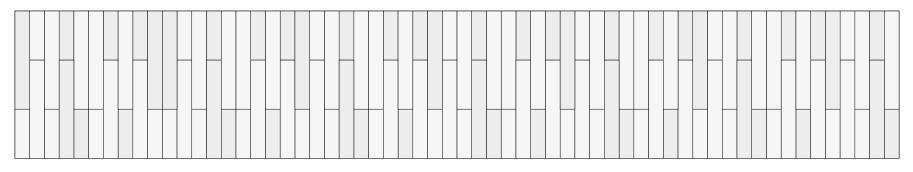




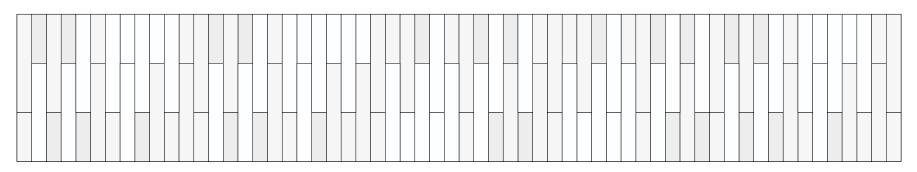




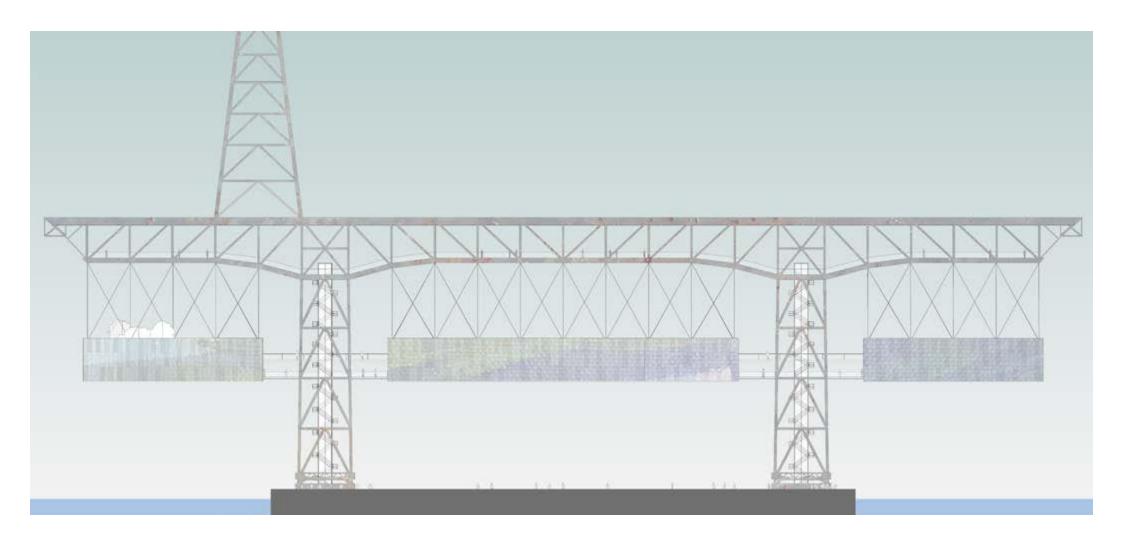
Technology Facade



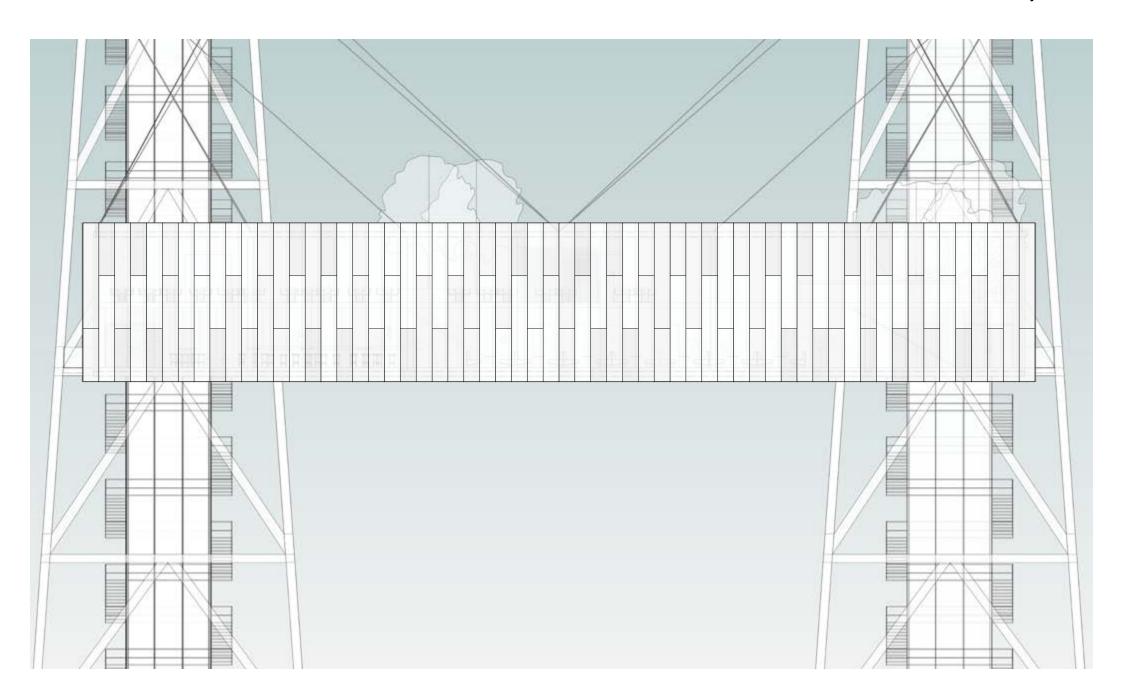
South-West facade with only polycarbonate

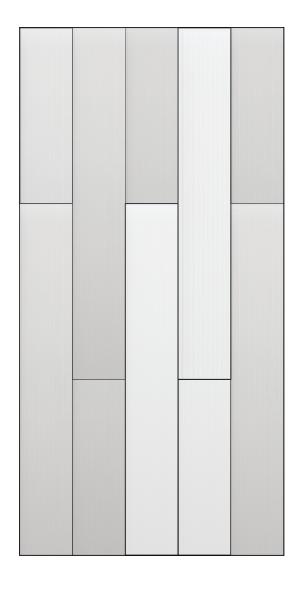


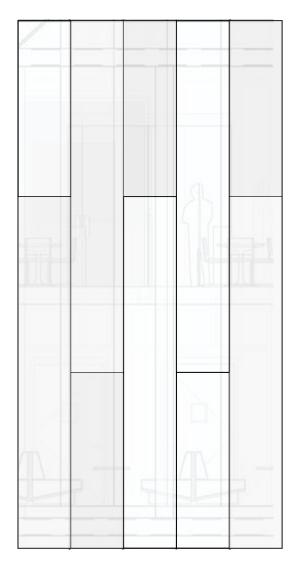
South-East facade with some whitened glass

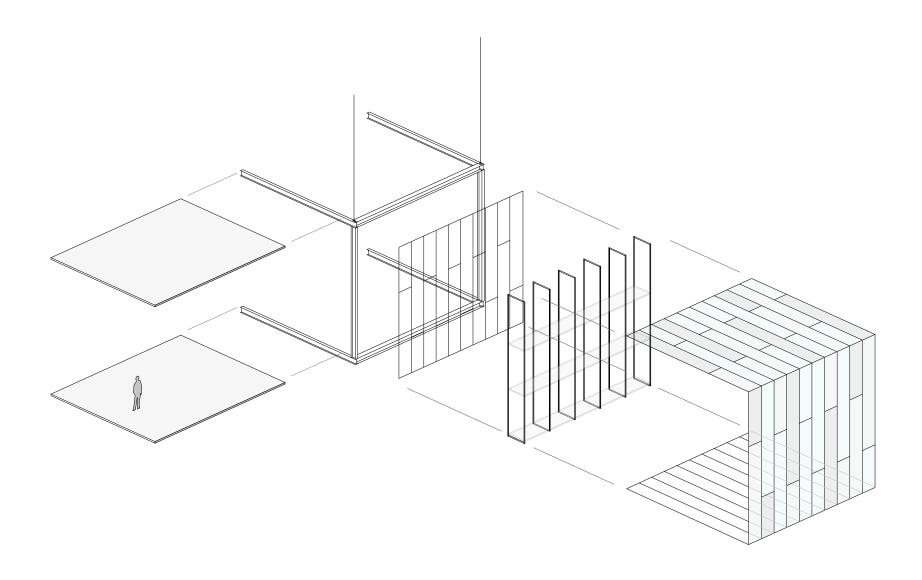


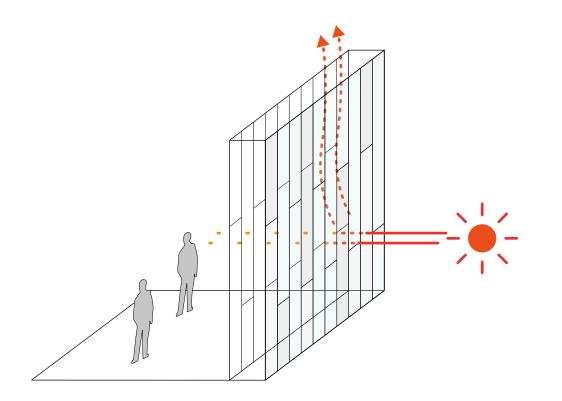


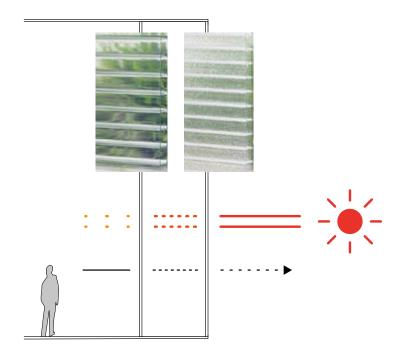




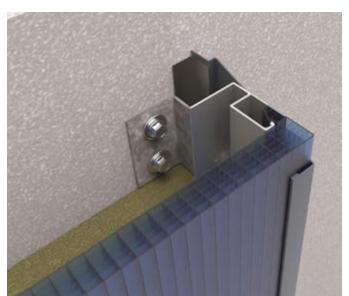


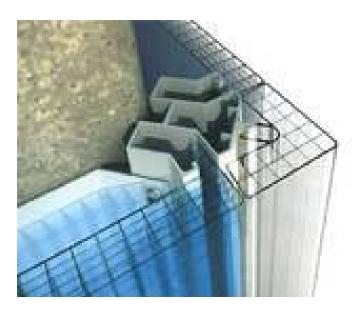




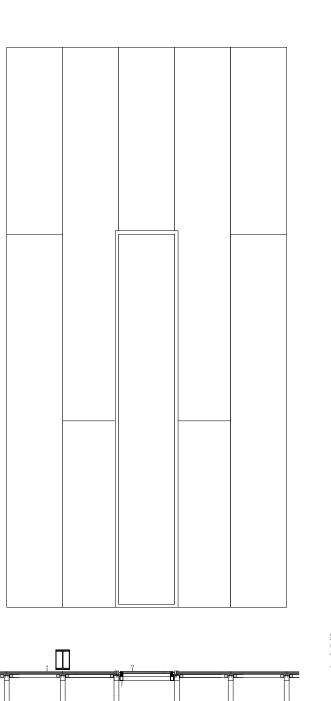


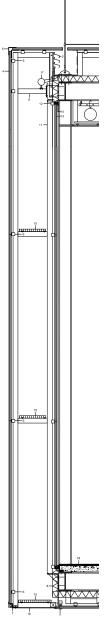


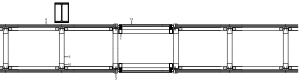




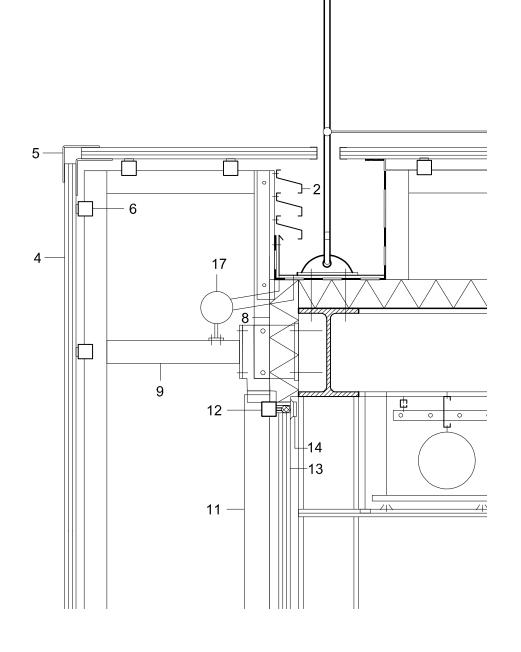


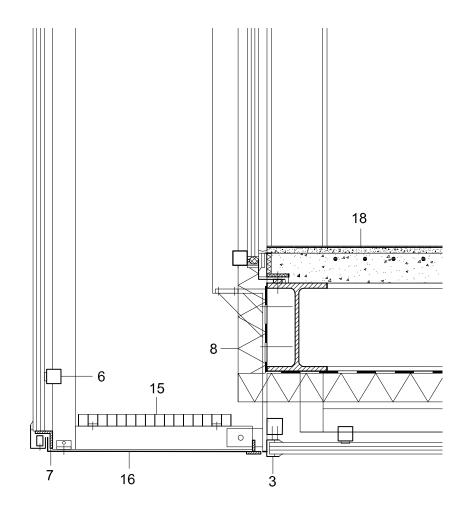


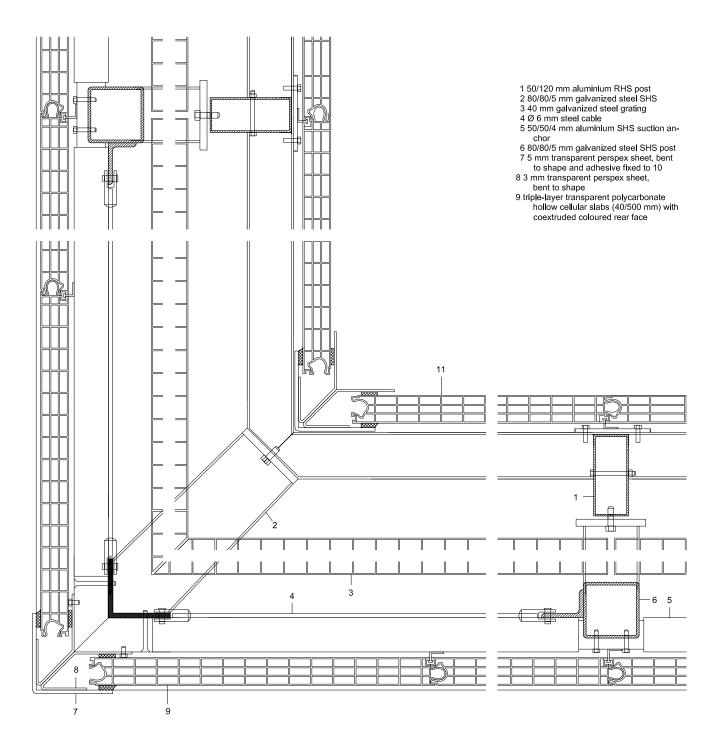




AFWATERING + ONDERHOUD

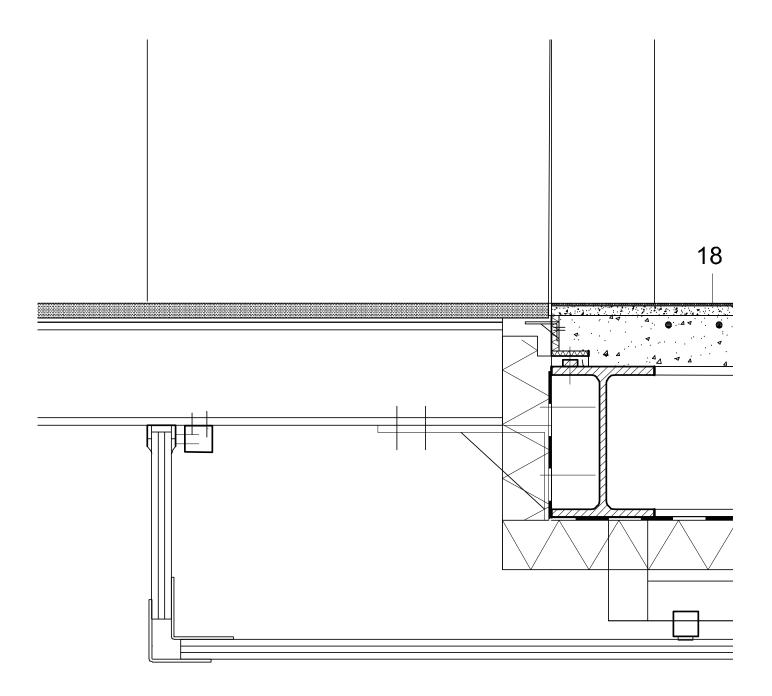




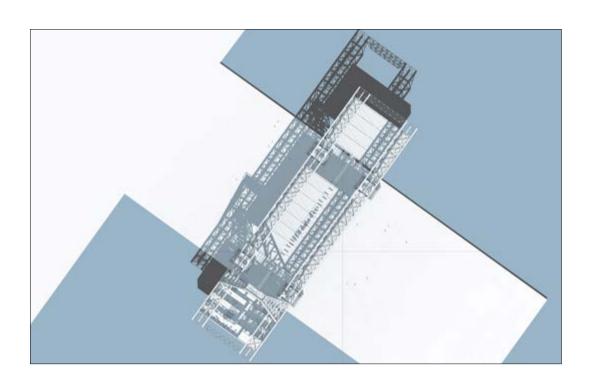


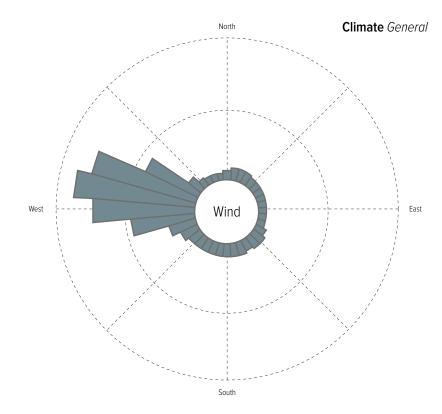


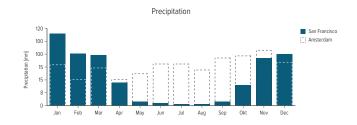


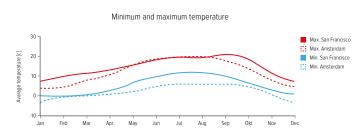


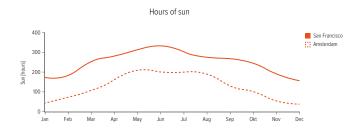
Technology *External climate*

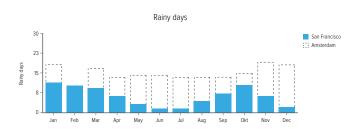


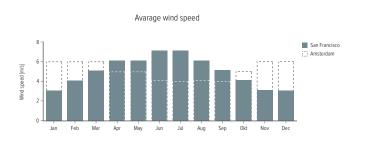


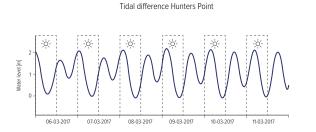


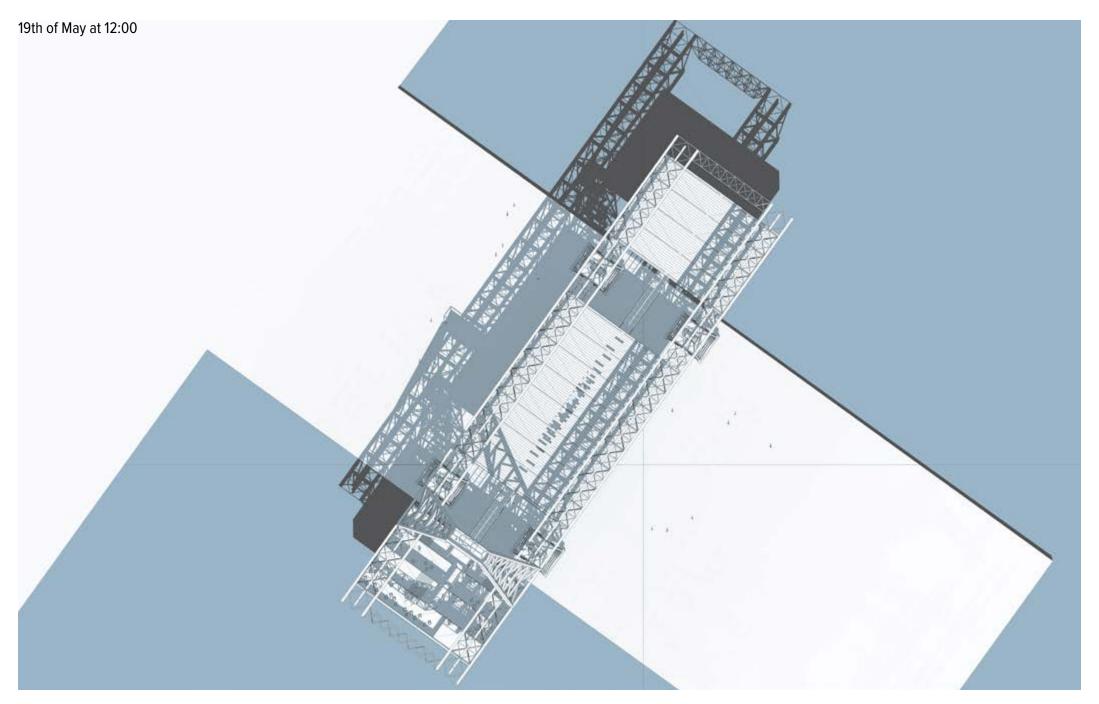


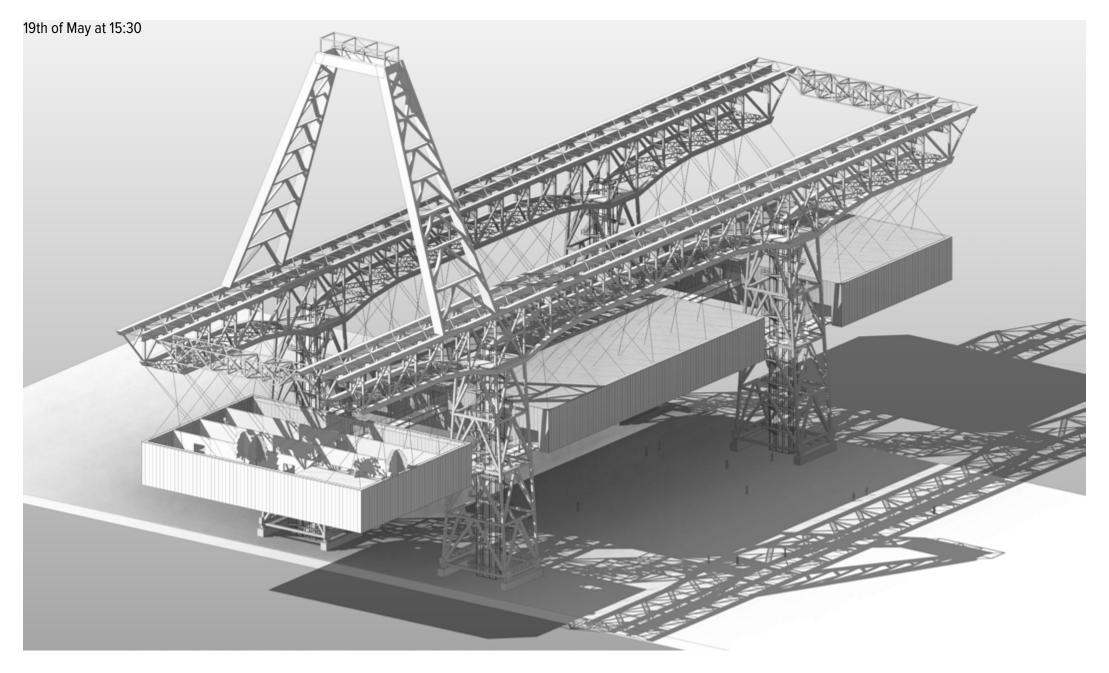








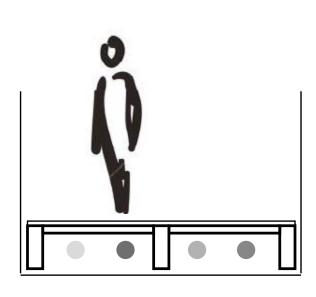




Technology *Internal climate*



Heating / cooling system



Ducts trough truss

