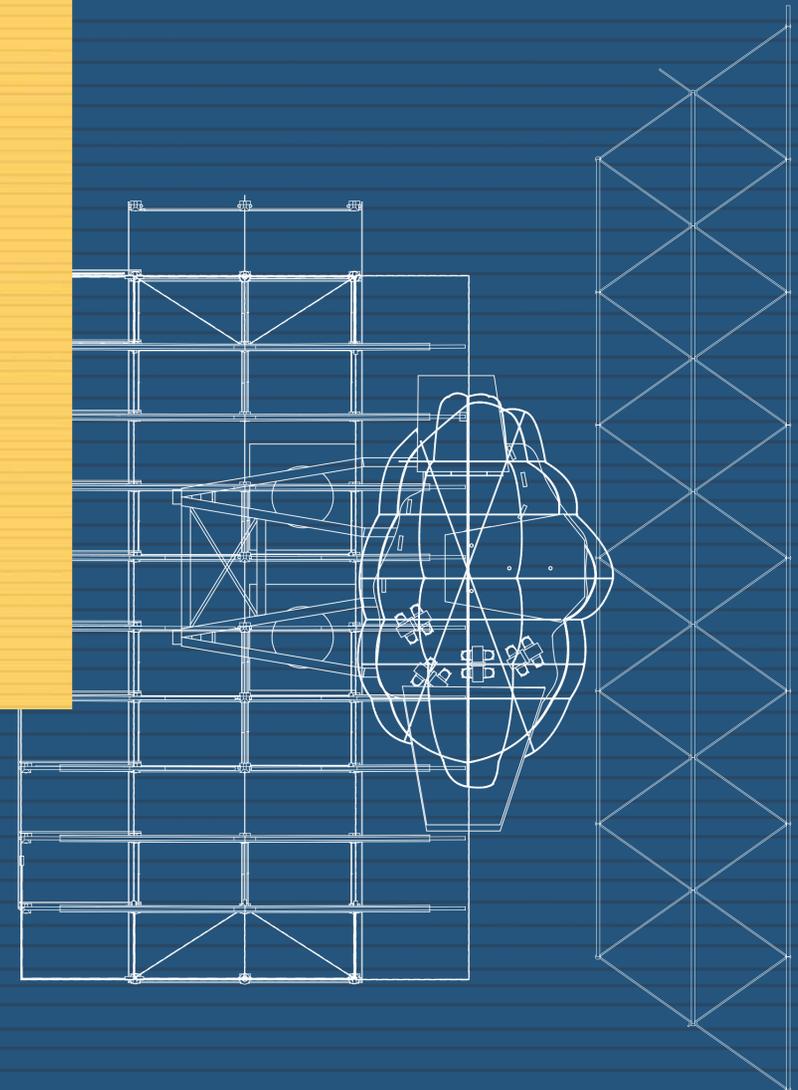
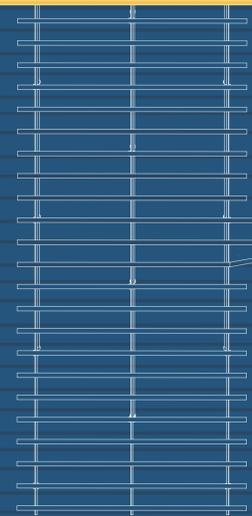




DESIGN W
WOMEN OF DESIGN

ANGELIKA UCIEKLAK
AD676



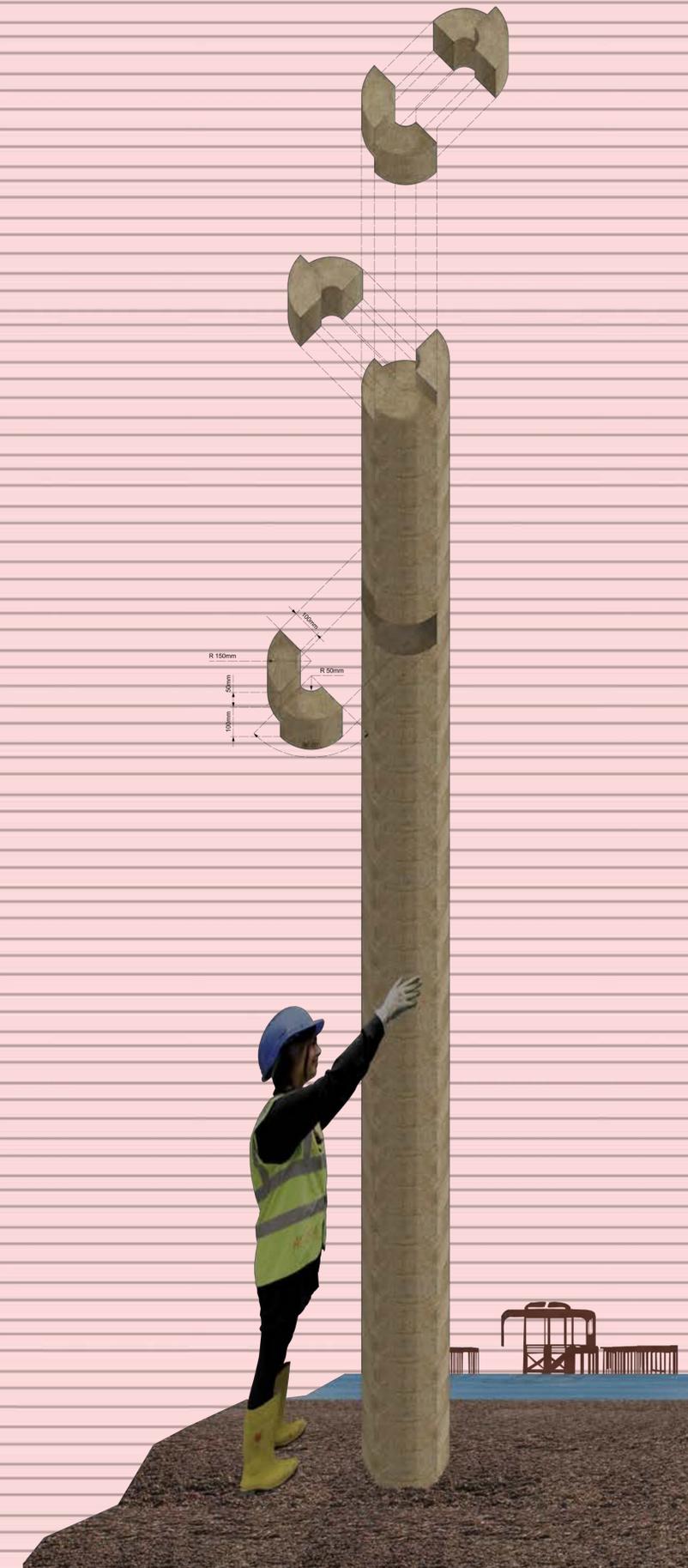
Part W

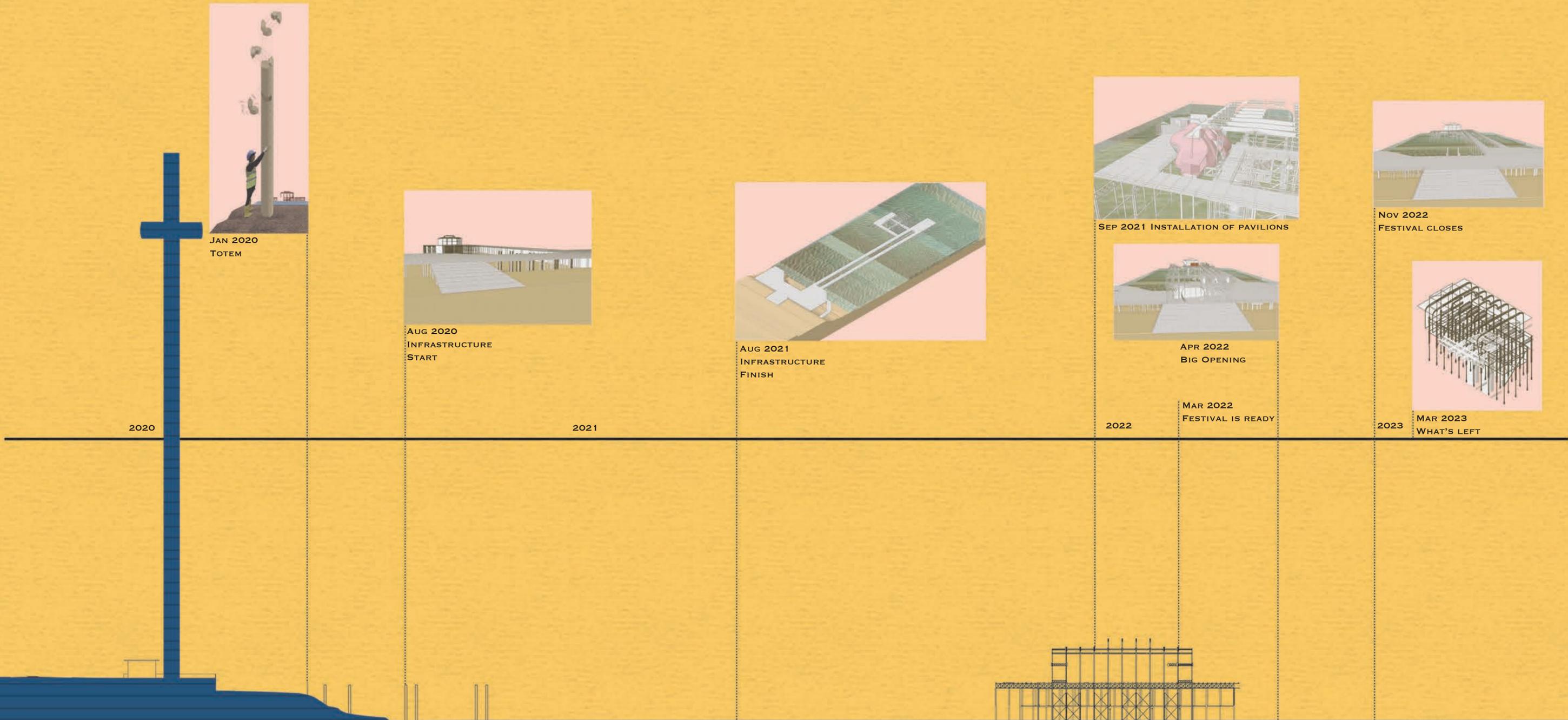


The idea behind this project has sparked during semester one design module, where I looked at gender equality more specific female rights. Since then I looked more into how female designers, artists and other professionals are treated in today's society. During my research, I came upon a collective called "Part W" which is an action group consisting of only women working across architecture and design, infrastructure and construction and campaigning for gender parity across the built environment. Part W campaigns for gender equality and empowering women within design and architectural industry. They support women from diverse backgrounds, ethnicities, across generations and with different experiences. Being a woman myself I've realised how important it is for all women to fight for equality, especially in disciplines which are dominated by men. That led me to want to celebrate female designers during the Festival of Britain 2022. I've created a space where all women can gather to educate themselves and help to improve our rights and fight for gender equality.

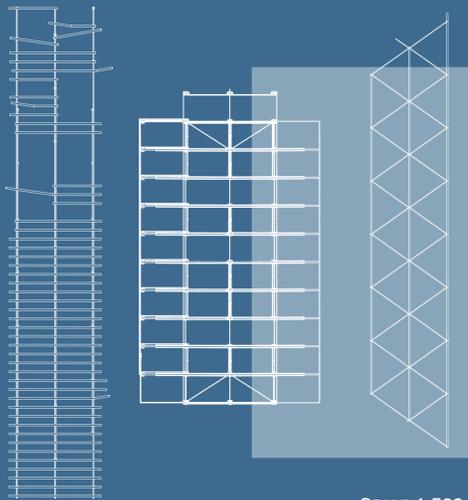


During semester one design module, I've designed a totem which was supposed to draw attention to women's position in the construction trade. More so, the lack of it. I was very intrigued that so little women are recognised and respected in this trade. My research started with looking at women's rights in the United Kingdom, how they look right now and what they might be after Brexit. Females rights haven't been recognised in the UK until 1918. That's when women gained the right to vote just like men. Since then, women started the long journey to gain equal rights as men in our society. Unfortunately, even today, 102 years later, we experience gender inequality in modern society. Gender inequality became my catalyst for semester one design. As that catalyst was so broad I've decided to analyse woman role in a specific profession in which I thought that women weren't treated equally. The profession that lacks in female specialists is masonry. Construction trade has been dominated by men since its beginnings, I've chose to focus my research on this particular trade. To narrow it even further I've chose to look at masonry trade, bricklaying. That trade is dominated by men and women aren't encouraged to be specialised in this profession. My totem was a live installation directed by a female artist whose main goal was to create a new sustainable material using locally found waste. As I focused on bricklaying I've picked construction waste as my recycled material to create custom interlocking bricks. The whole process of material making happened on the beach with the help of simple non-electrical tools. The new bricks were used to reconstruct a column that once stood on the beach to support West Piers decking. I wanted the public to view a female bricklayer at work. As well let the public observe the process of creating new sustainable material which can be cast into any shape and used in construction.

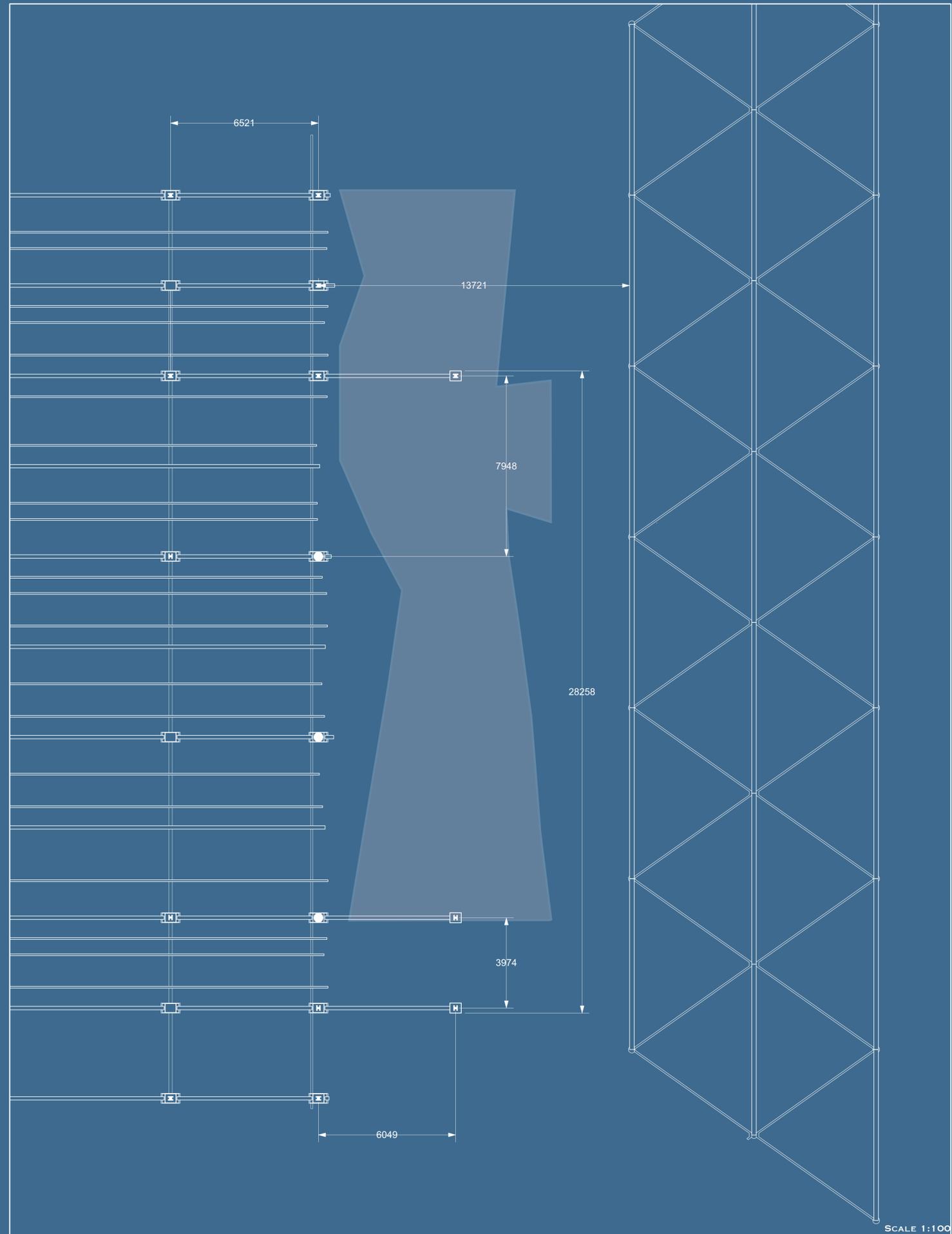




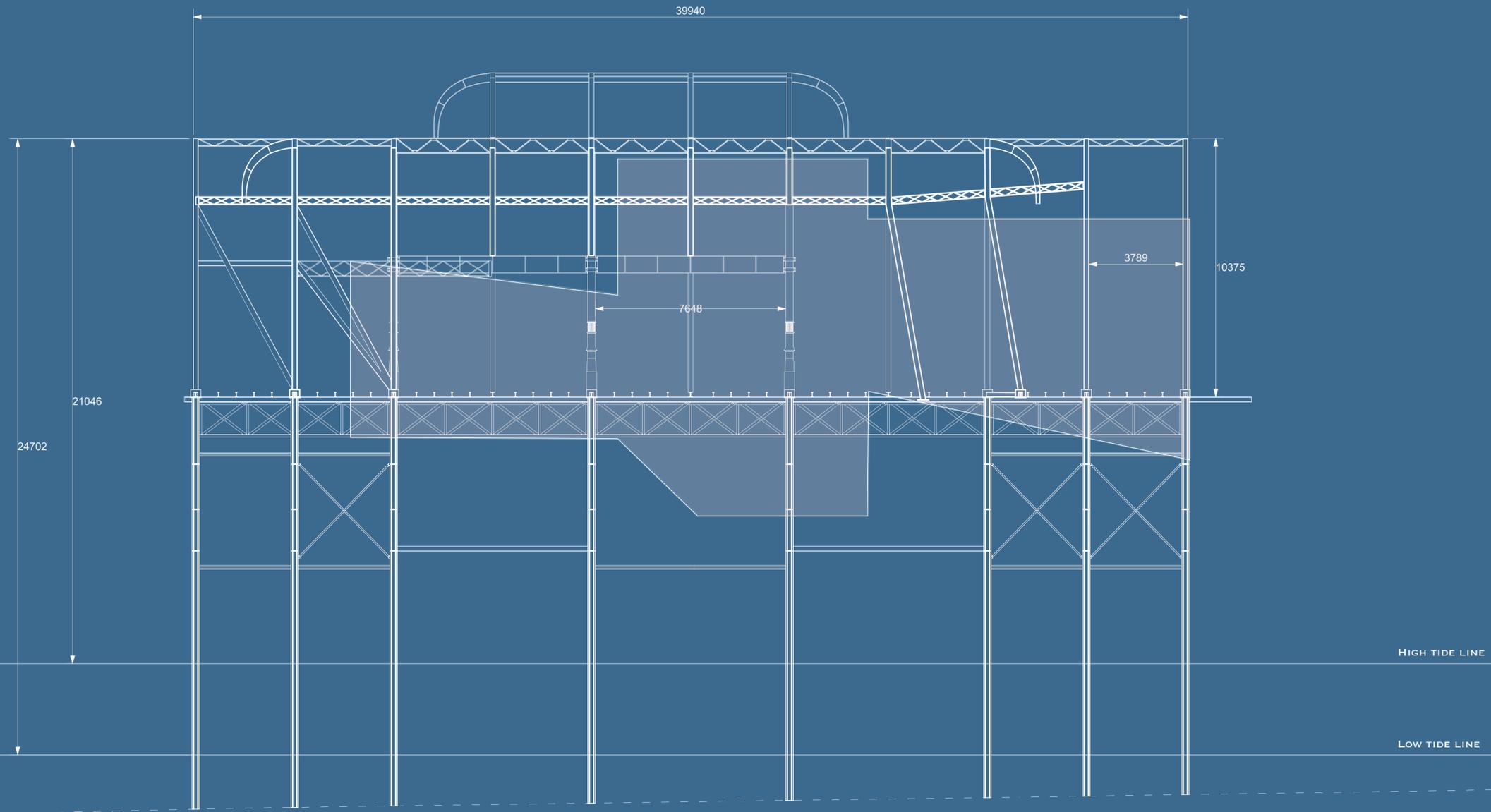
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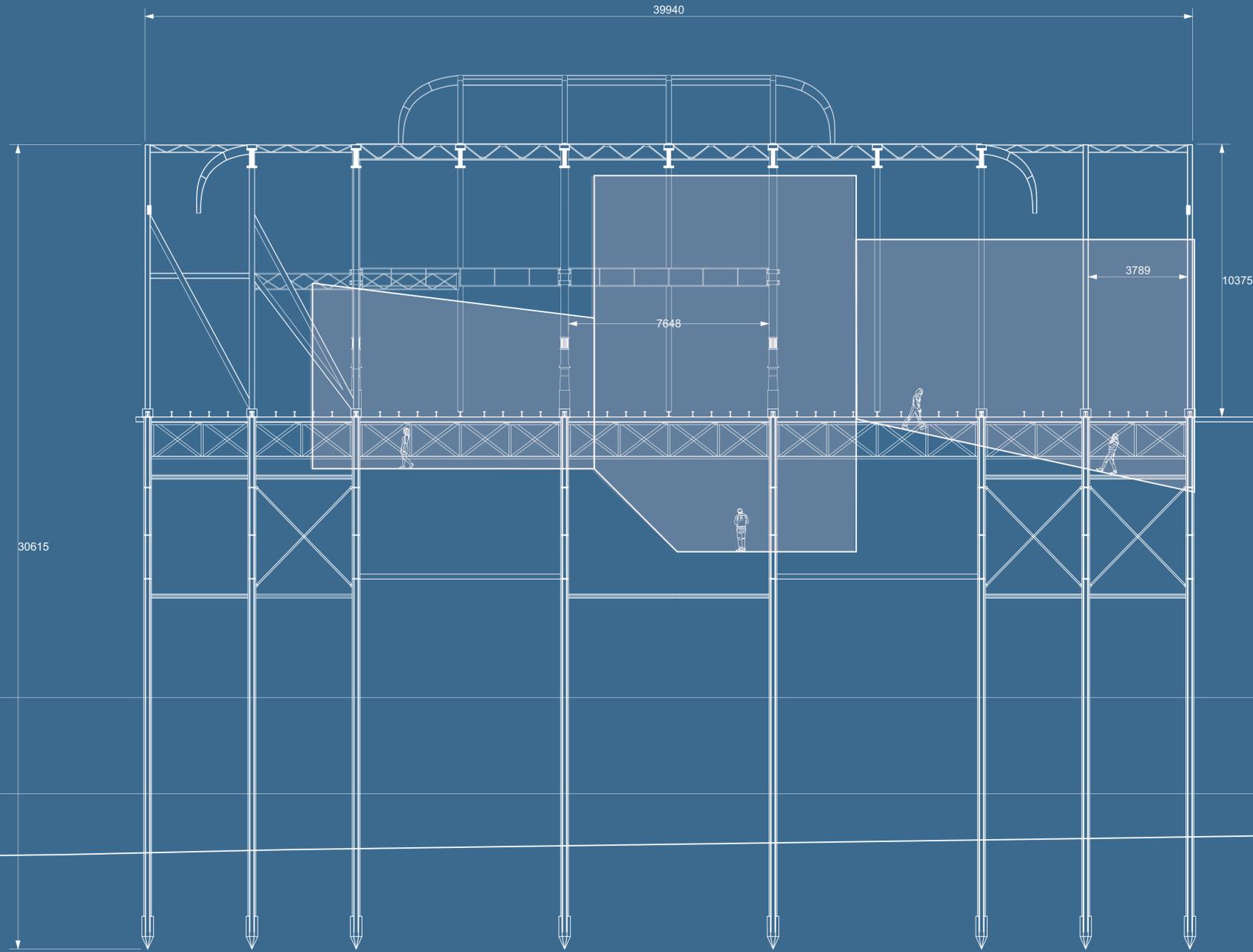


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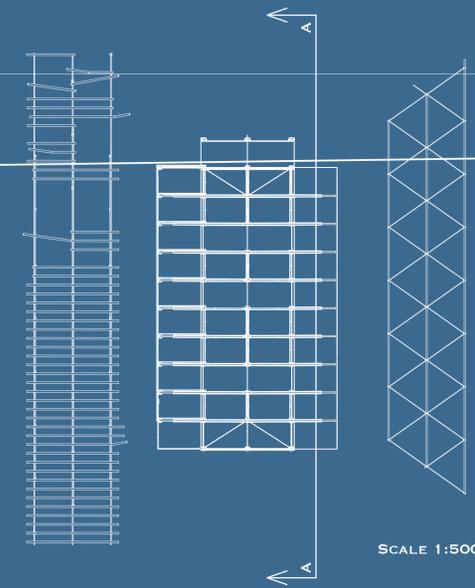


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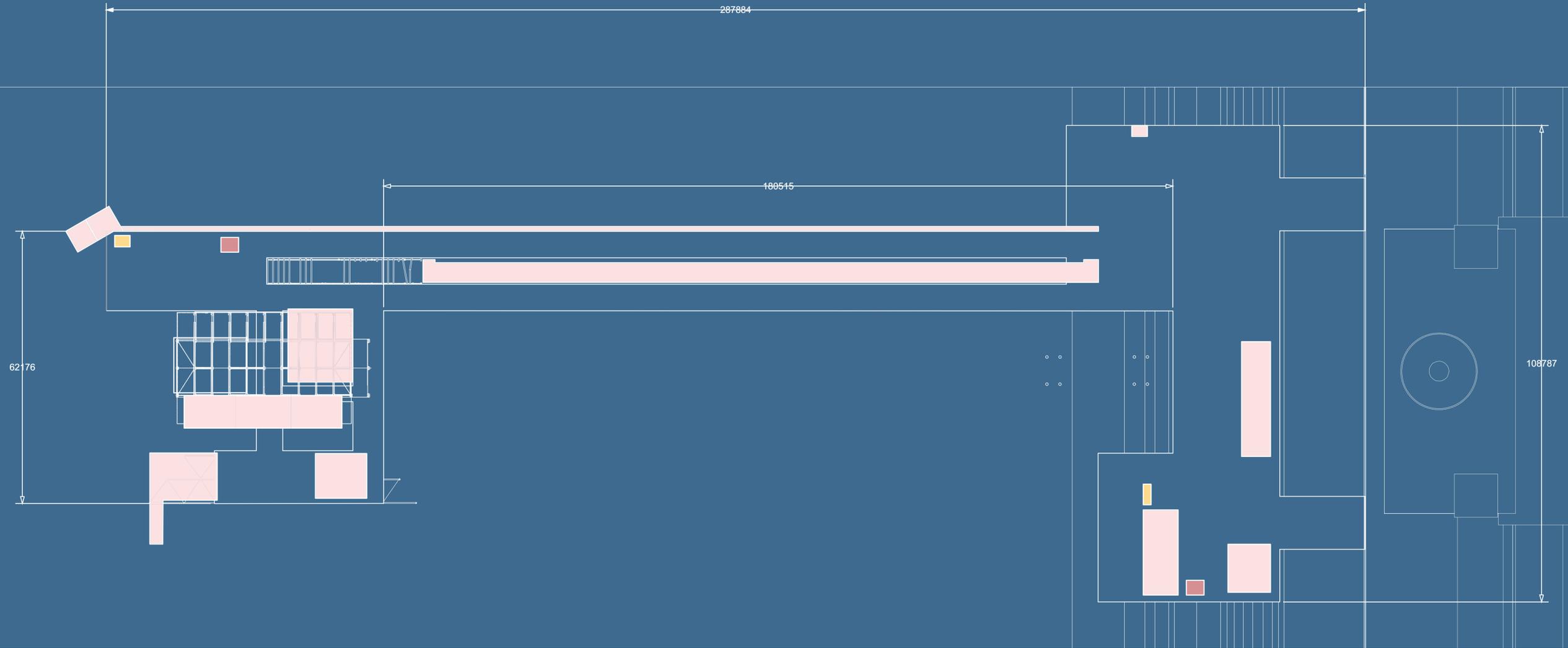


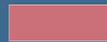
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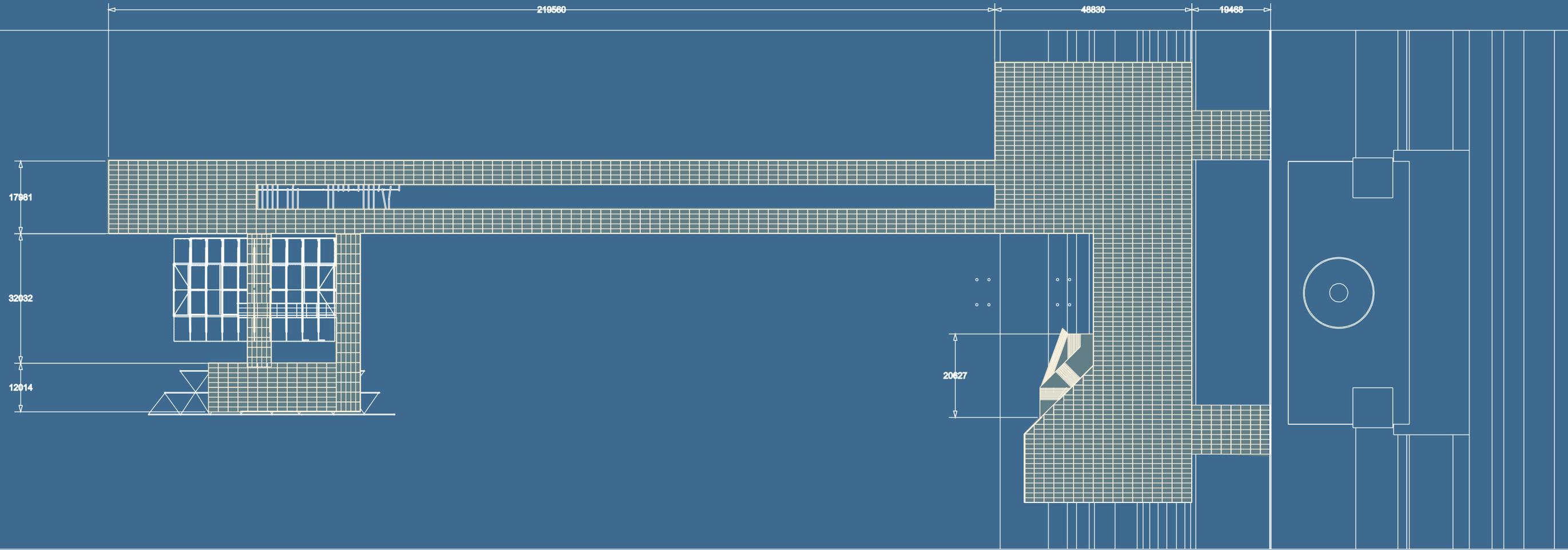


HIGH TIDE LINE

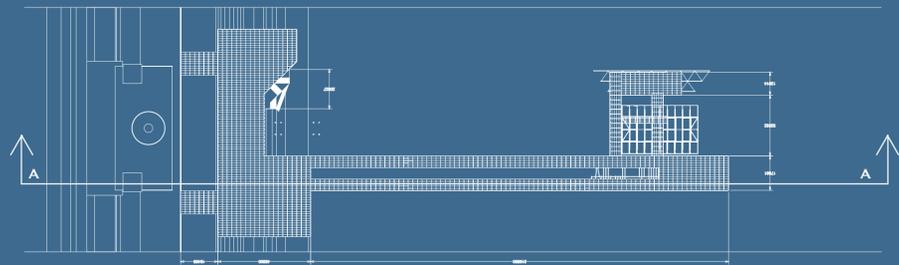
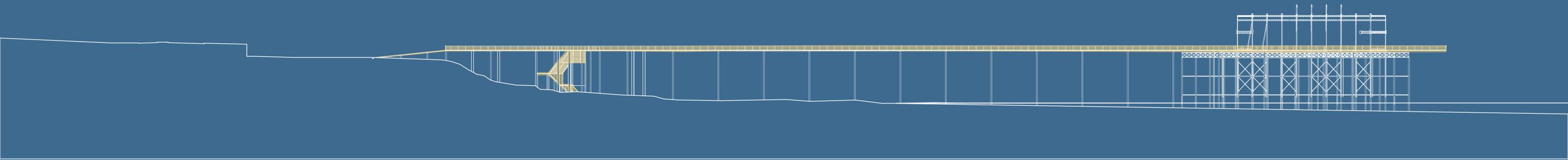
LOW TIDE LINE



-  PAVILIONS
-  INFORMATION POINTS
-  TOILETS

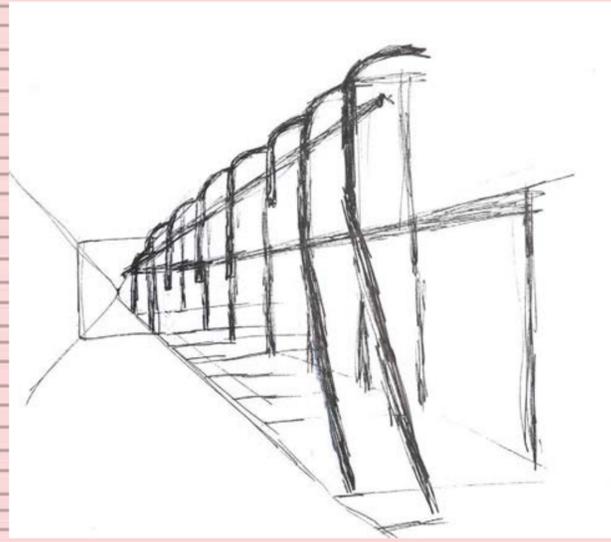
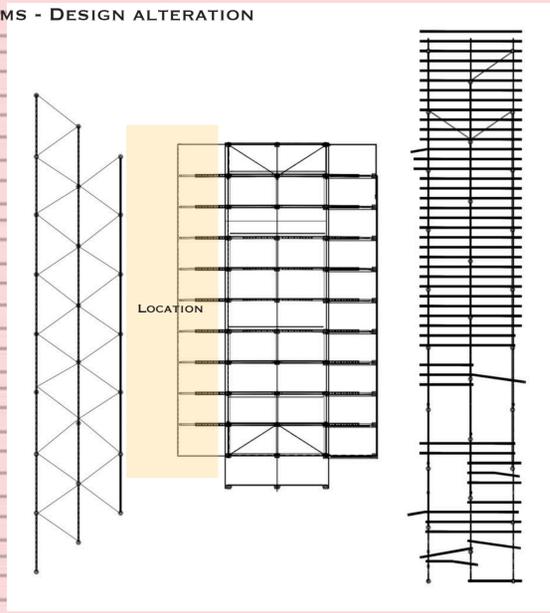


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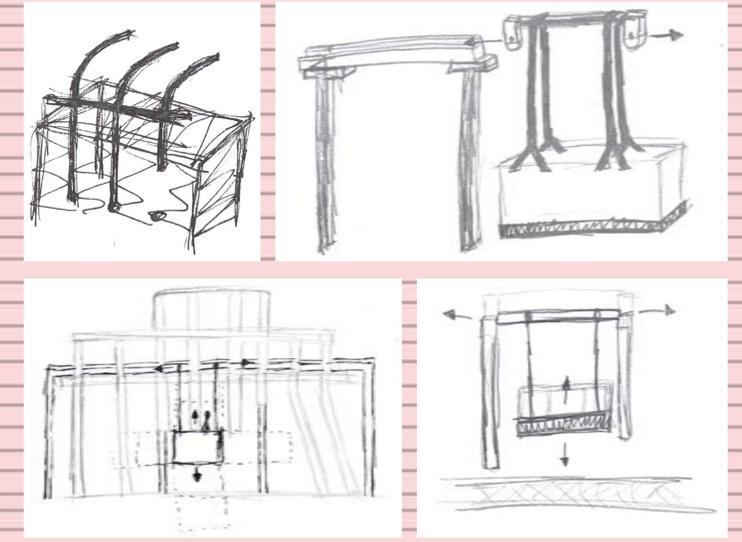


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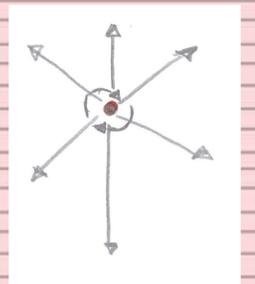
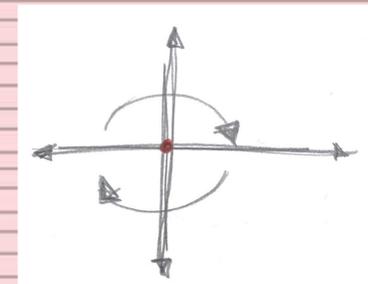
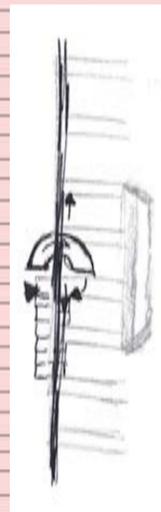
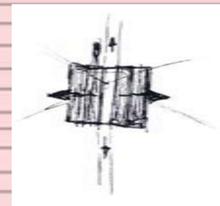
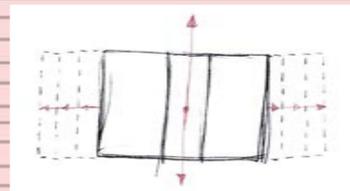
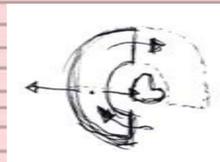
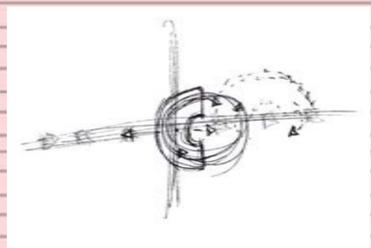
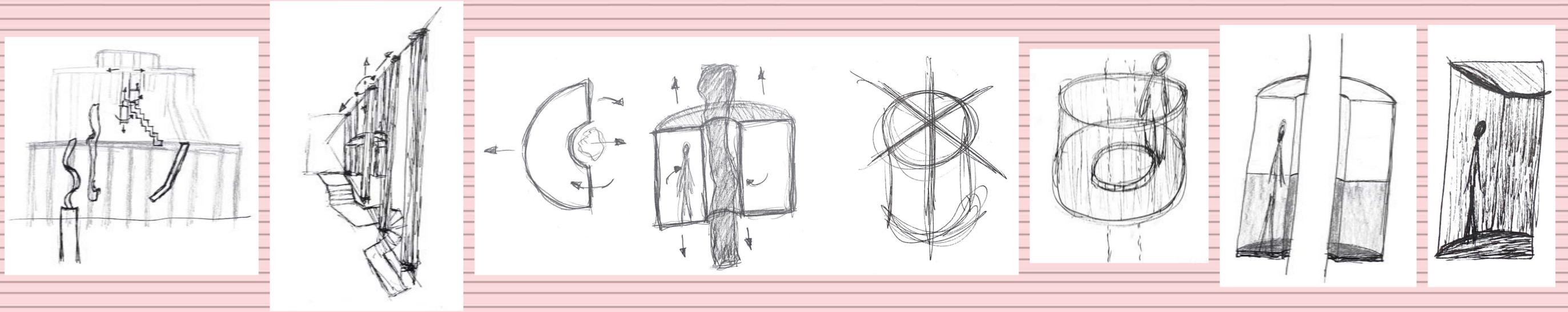
PARTI DIAGRAMS - DESIGN ALTERATION



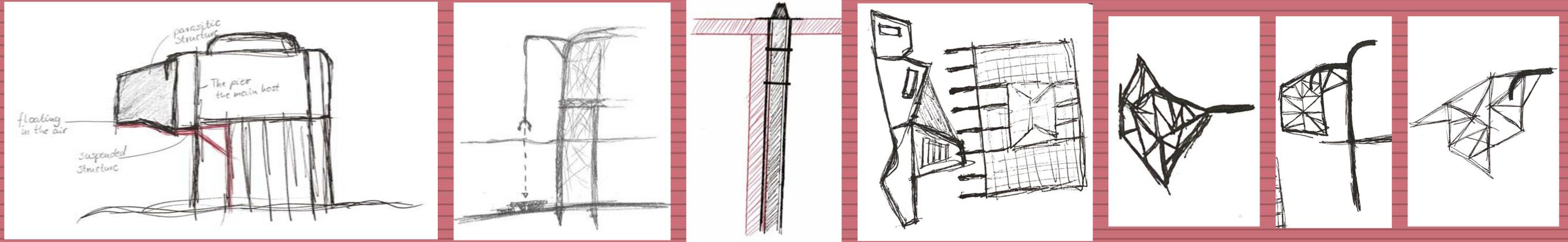
FIRST ALTERATION



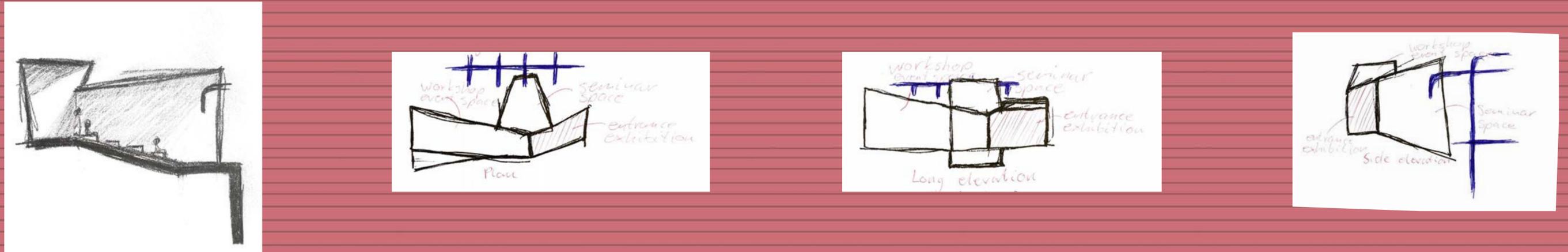
SECOND ALTERATION



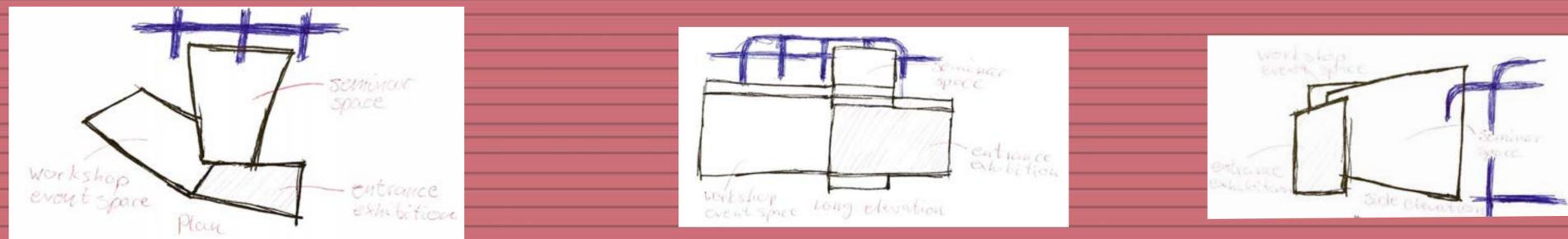
THIRD ALTERATION



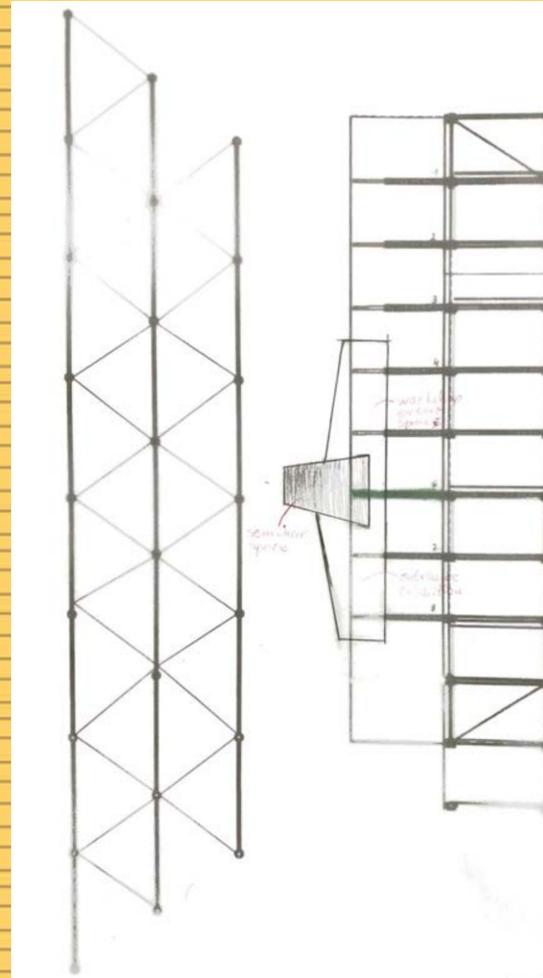
FOURTH ALTERATION



FIFTH ALTERATION



SIXTH ALTERATION



PLAN



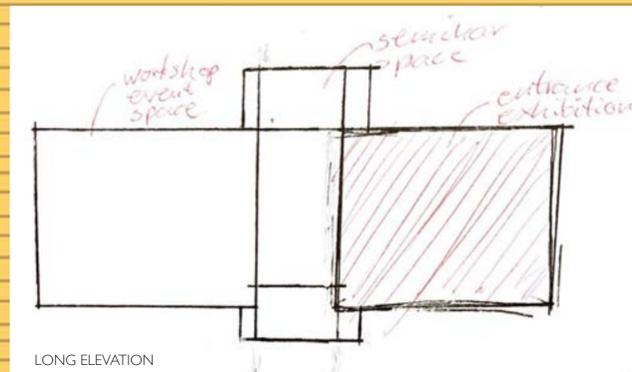
Concept for this pavilion is to create a space that will serve three purposes, space for exhibition, seminar room and a workshop/event space. The spaces will be connected but have the option to separate them from one another depending of the size and type of event.



PLAN



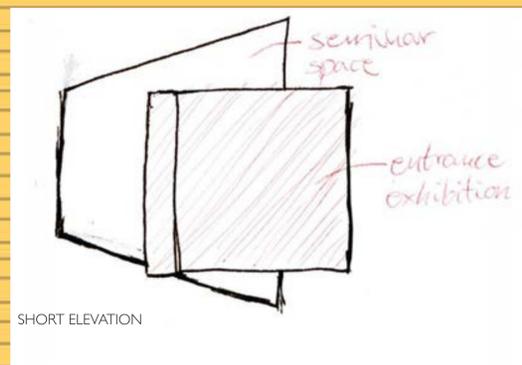
LONG ELEVATION EAST



LONG ELEVATION



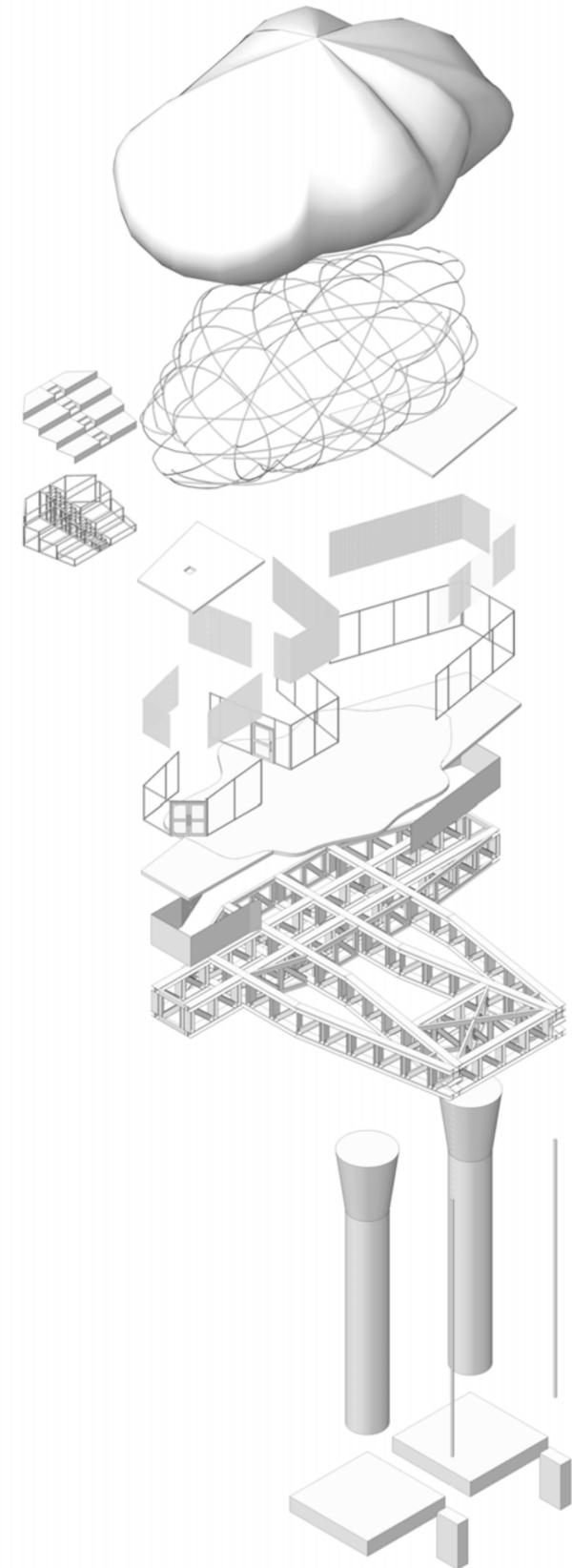
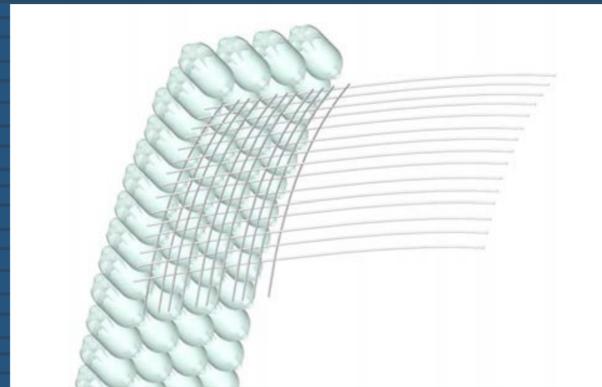
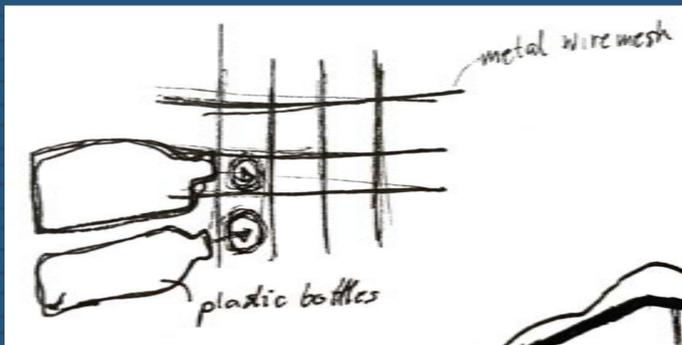
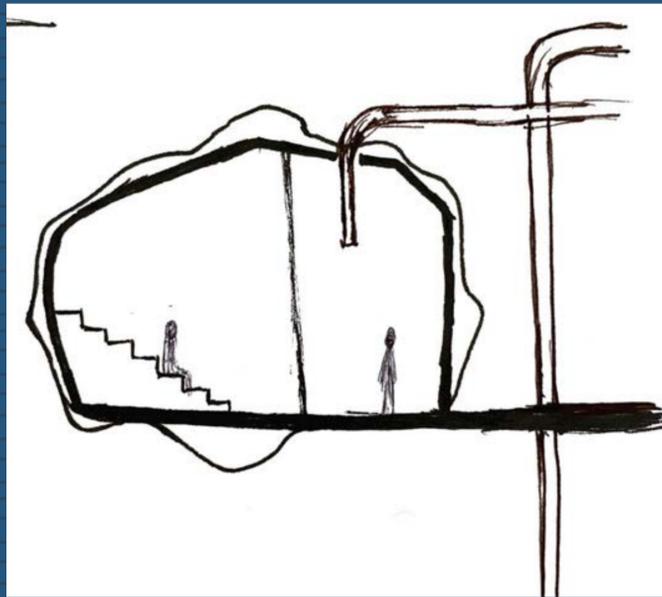
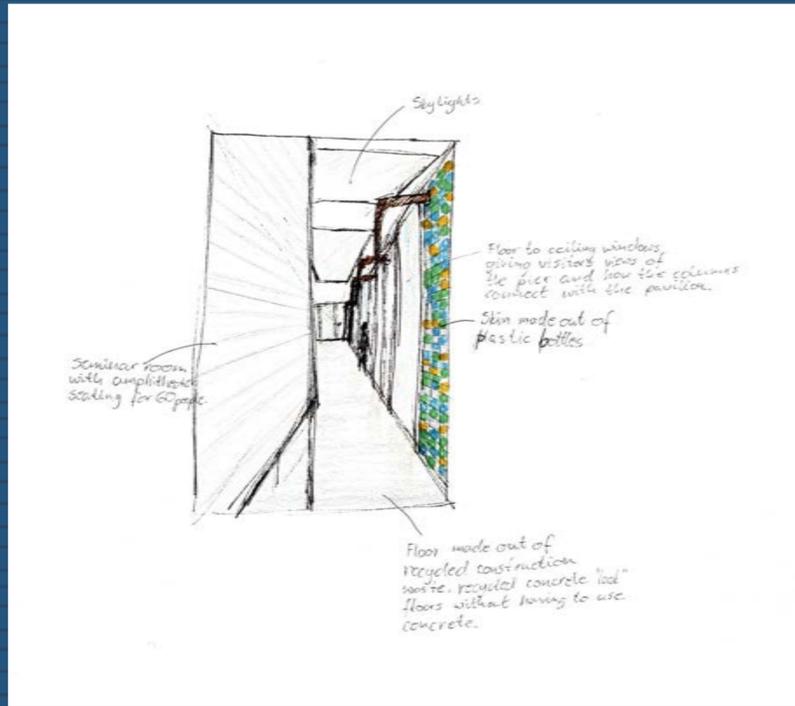
LONG ELEVATION WEST

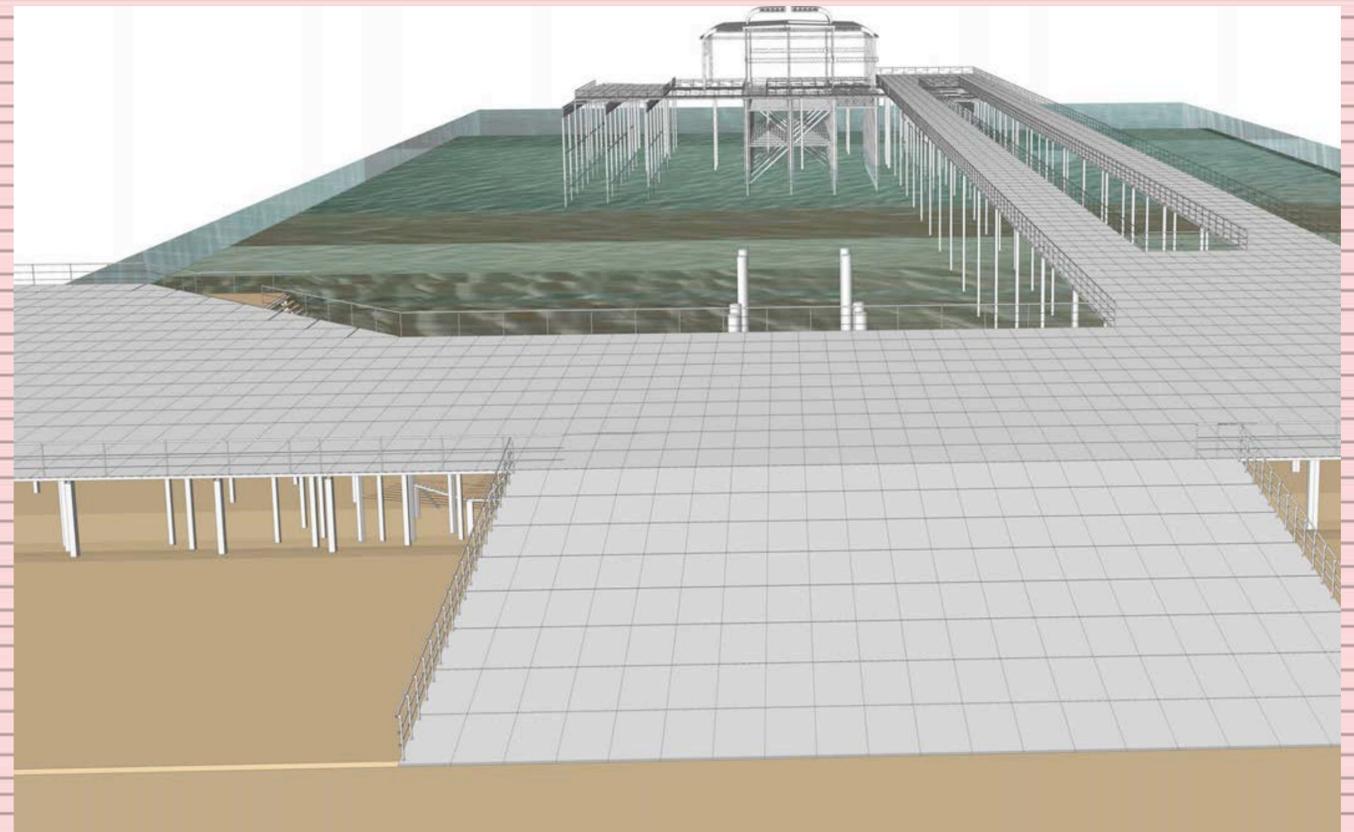
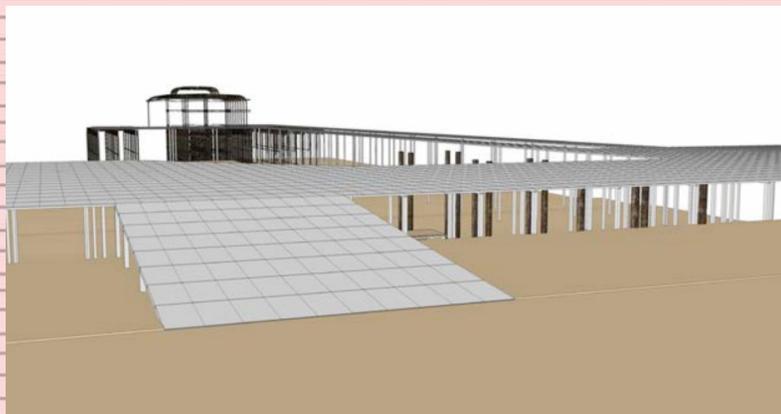
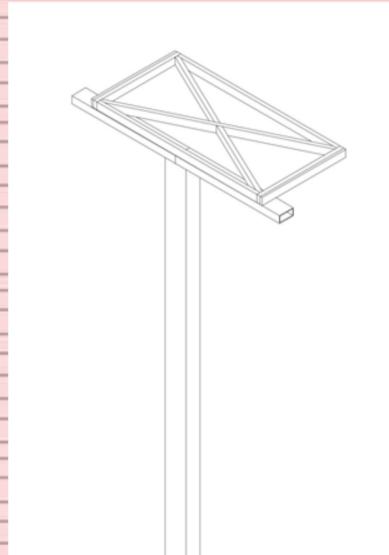
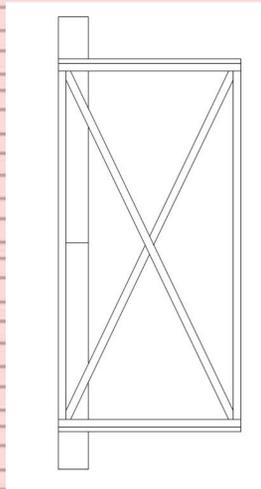
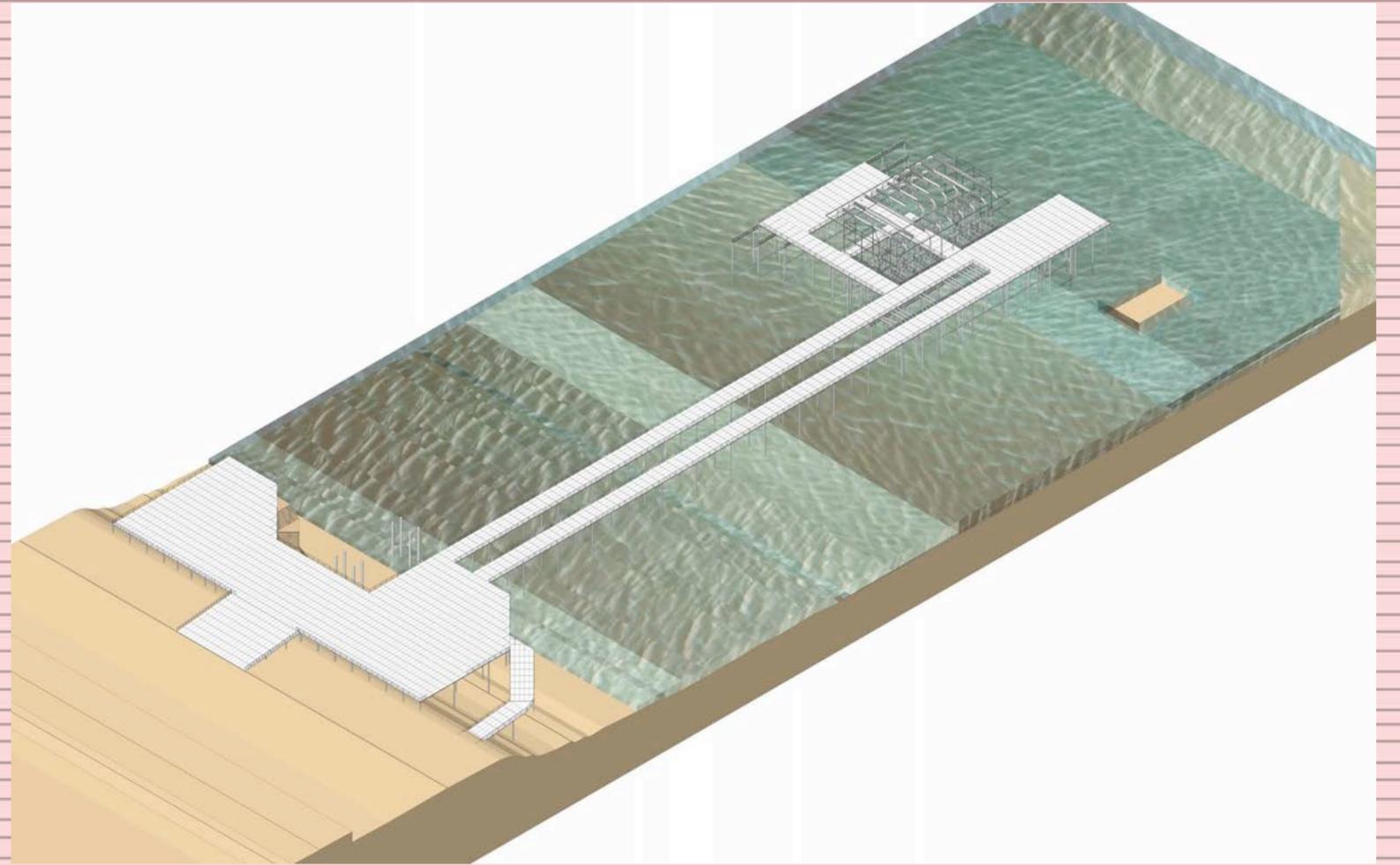
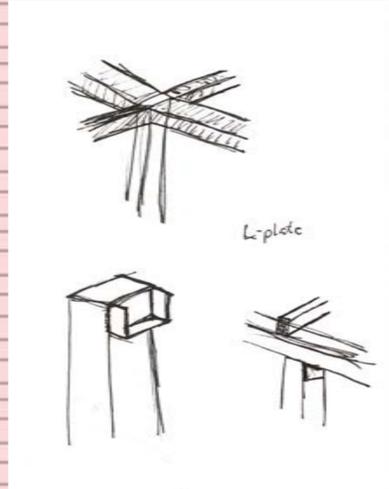


SHORT ELEVATION

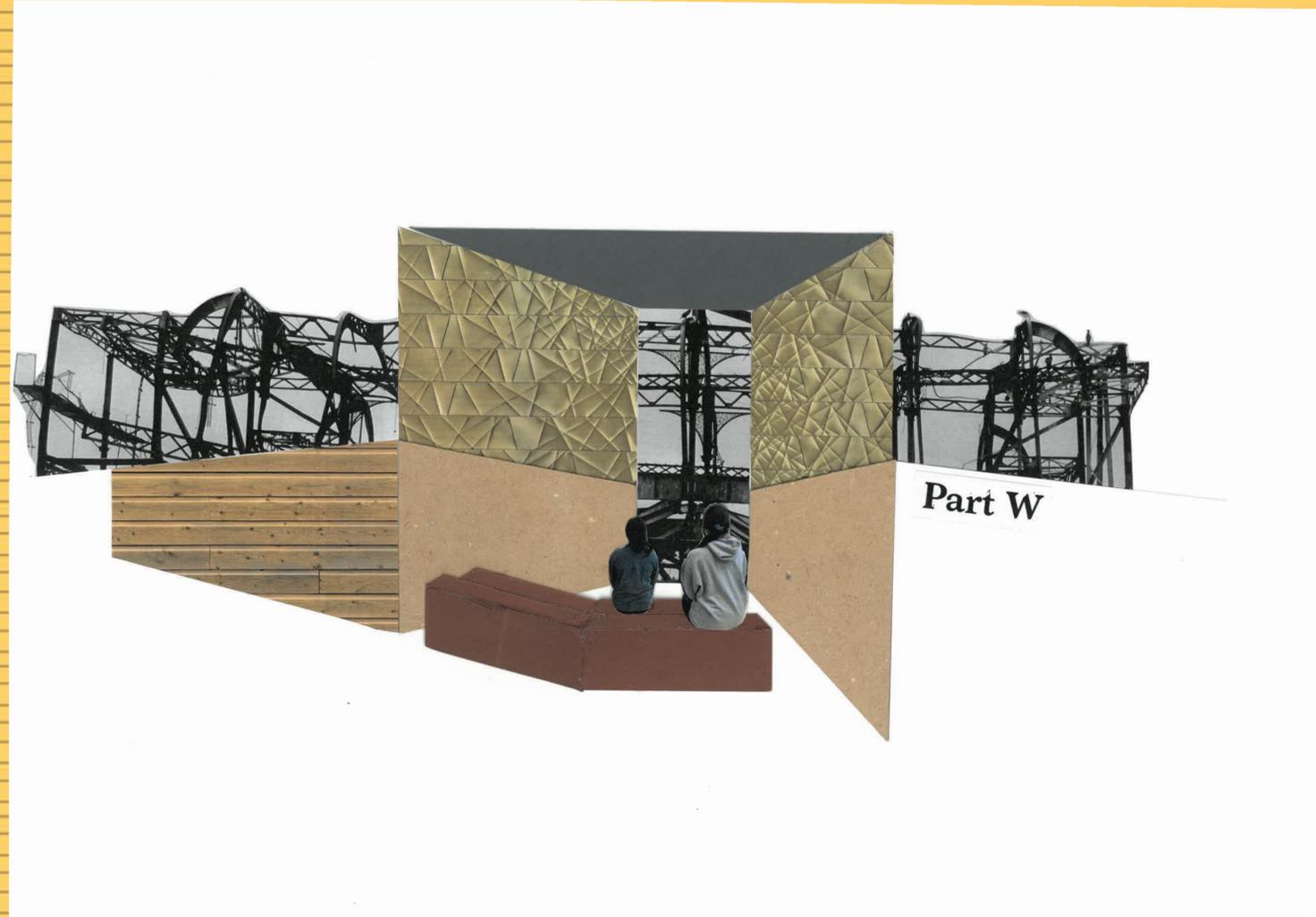


UNDERNEATH



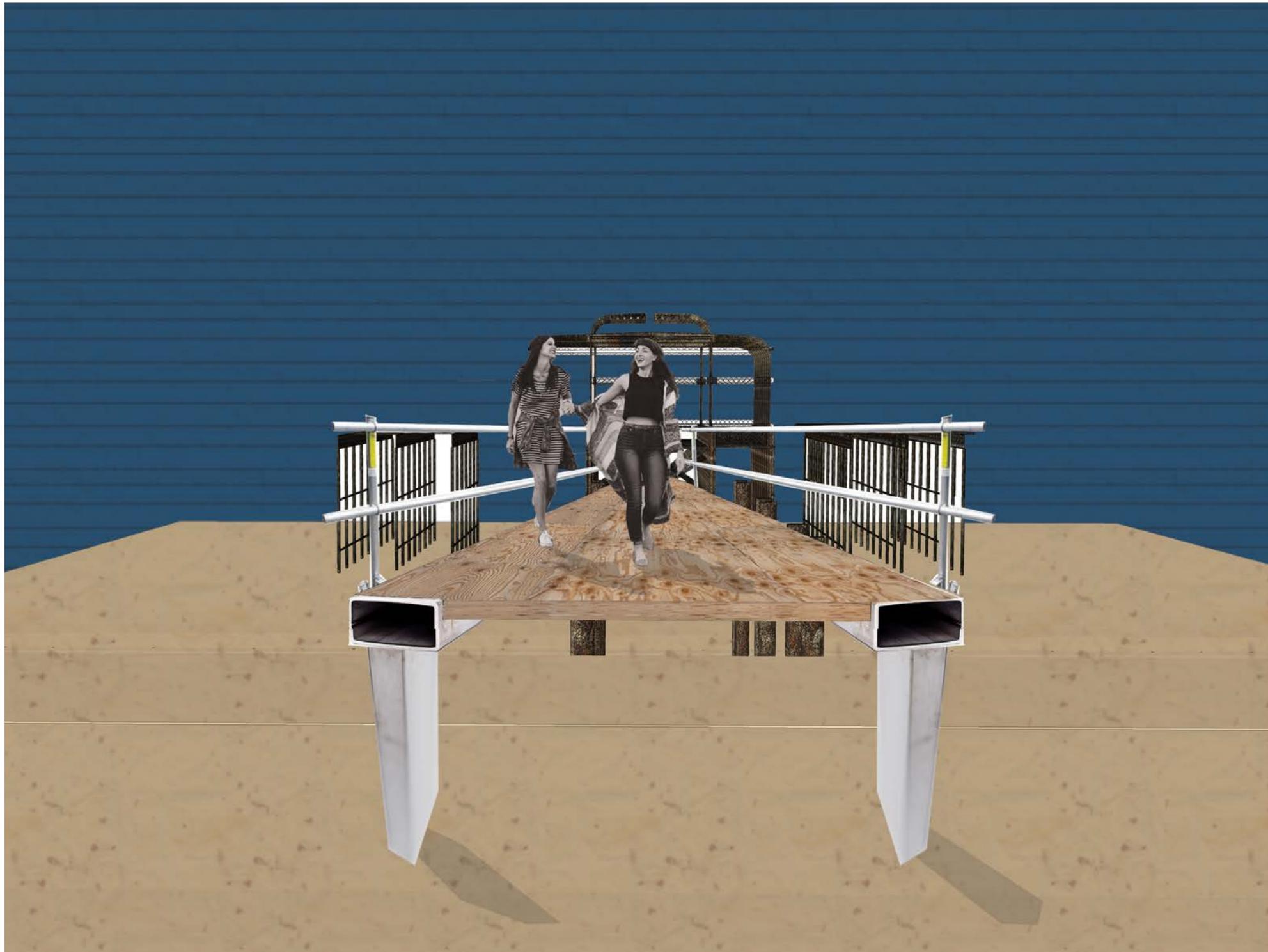


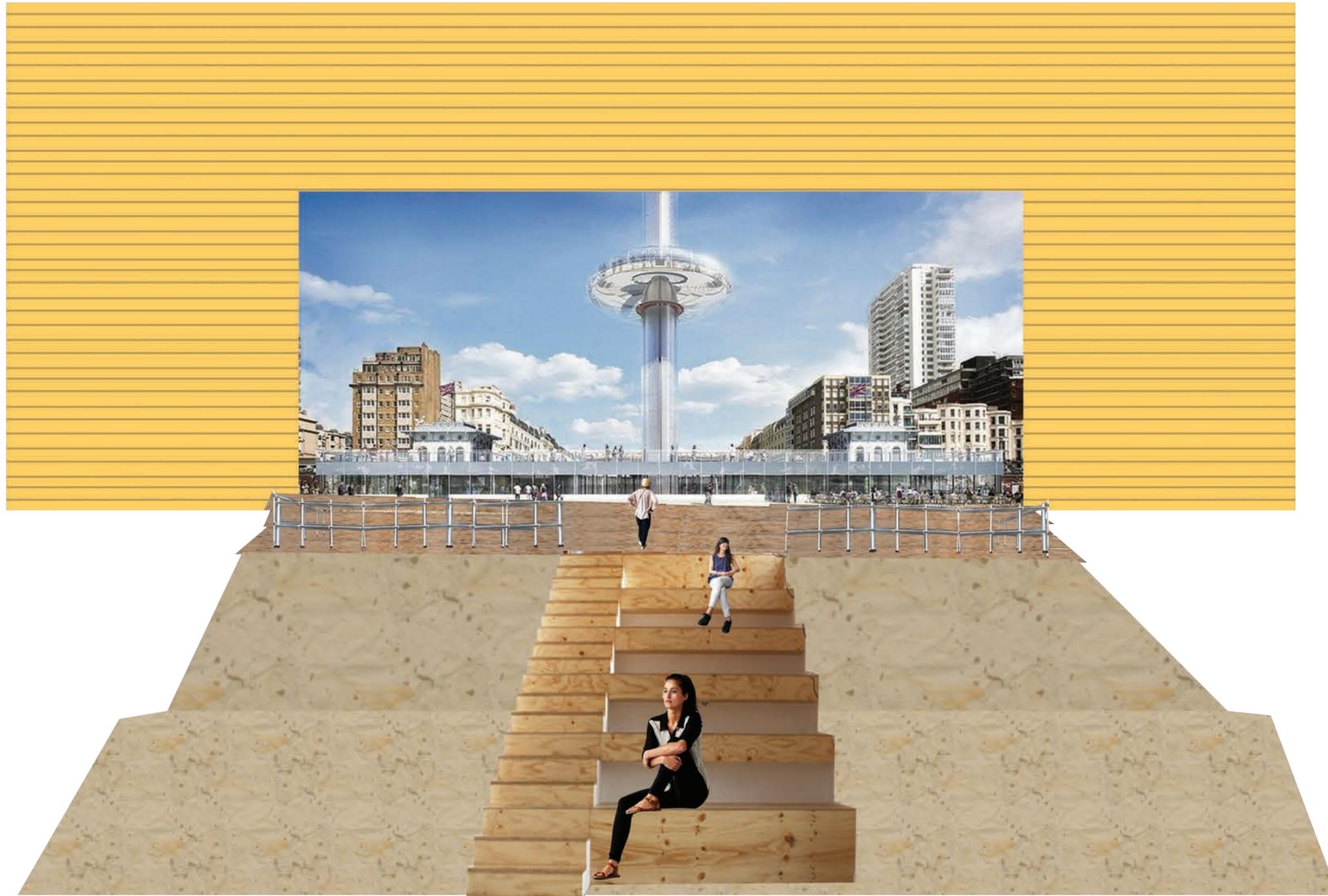


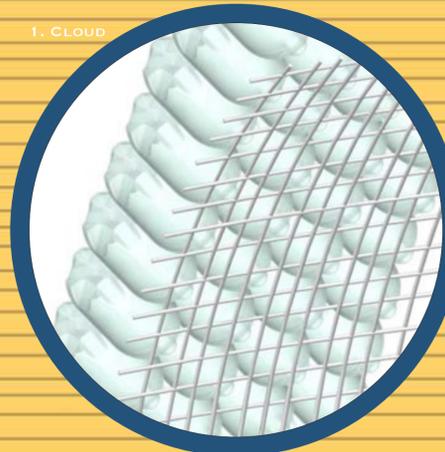


Part W

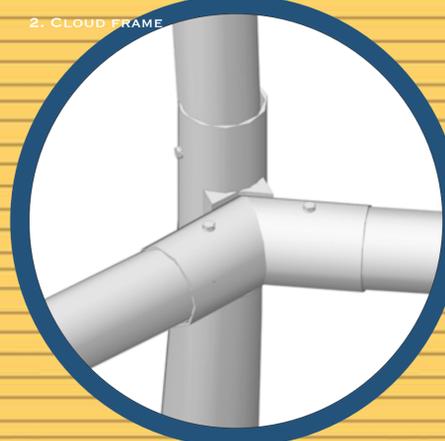








1. CLOUD
The outer skin of the pavilion is fully made out of recycled materials. The Cloud is made out of plastic bottles which are fixed to a metal wire. The envelope is made of multiple modular pieces which are made off site than brought to the location and attached to the scaffold pipe frame.



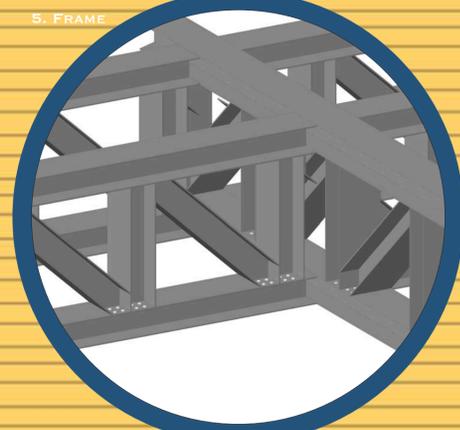
2. CLOUD FRAME
The clouds frame is made out of bent scaffold pipes which are fixed together with simple pipe fixings like pipe tee, 45 and 90 degree elbow and cross pipe connector.



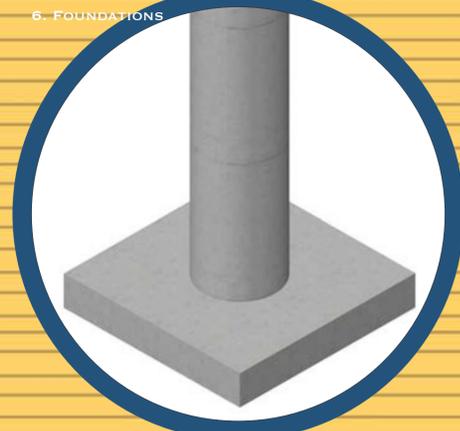
3. SEATING
The auditorium seating in seminar room is made out of two materials. Welded steel frame and recycled plywood sheets. The plywood sheets are joint together with a seamless wood joinery. Edges on both sheets are cut at 45 degrees which creates a seamless edge.



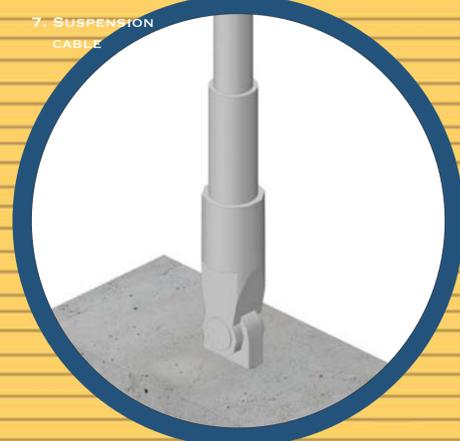
4. WALLS
Interior and exterior walls are constructed with help of two materials, steel and polycarbonate sheets. The frame is made out of steel which is welded together and covered with polycarbonate sheets.



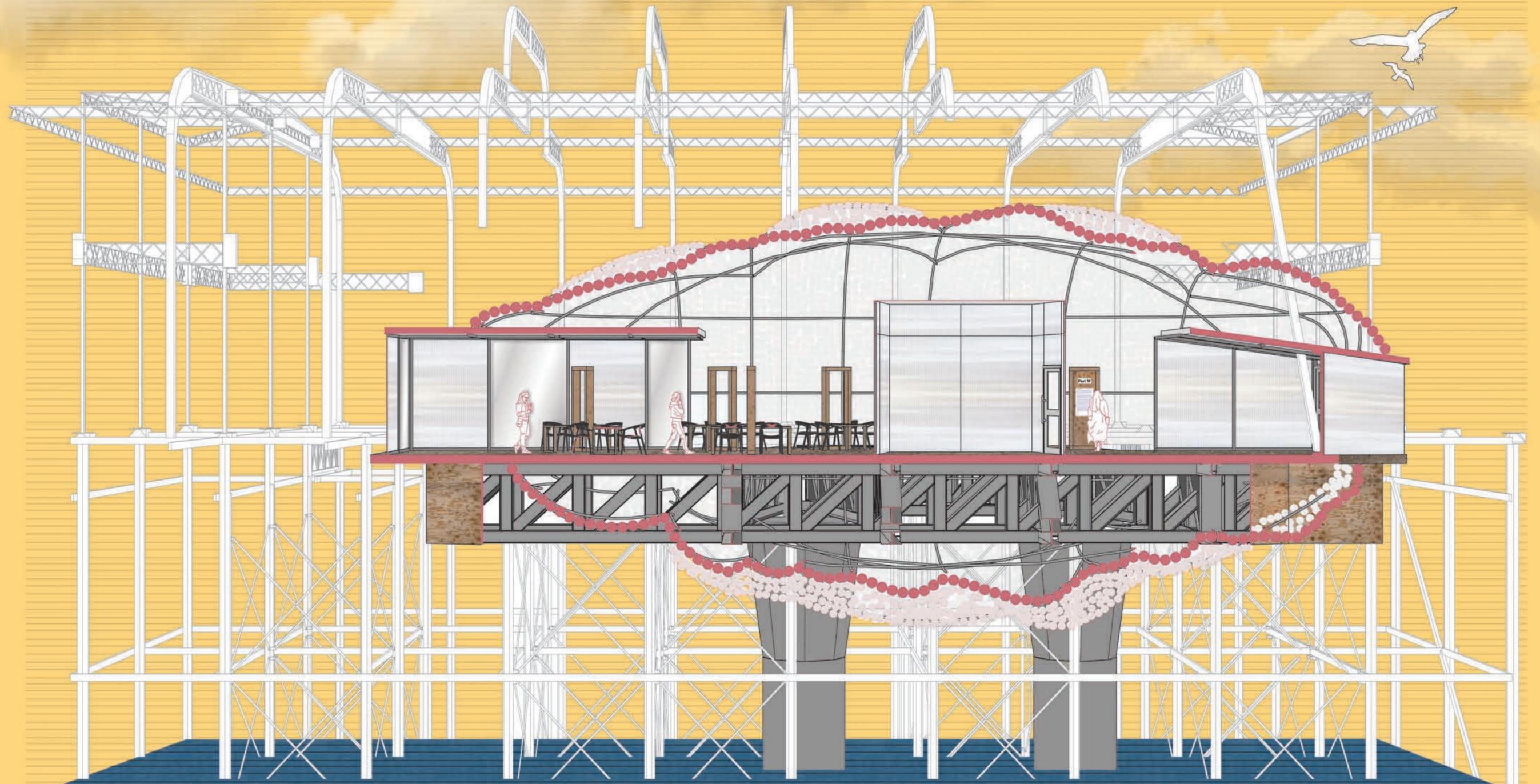
5. FRAME
Cantilever frame which holds up the whole structure is made out of steel beams. The steel beams and cantilever will remain on site after the festival but the pavilion will be dismantled.

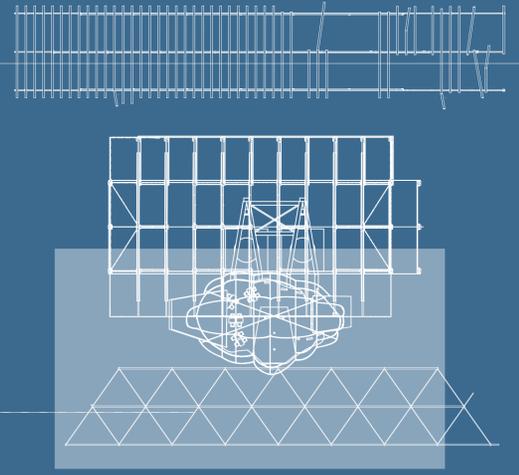


6. FOUNDATIONS
Foundations for the columns that support the steel frame are made out of concrete as it's the most durable material which can support the weight of the heavy structure.

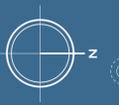
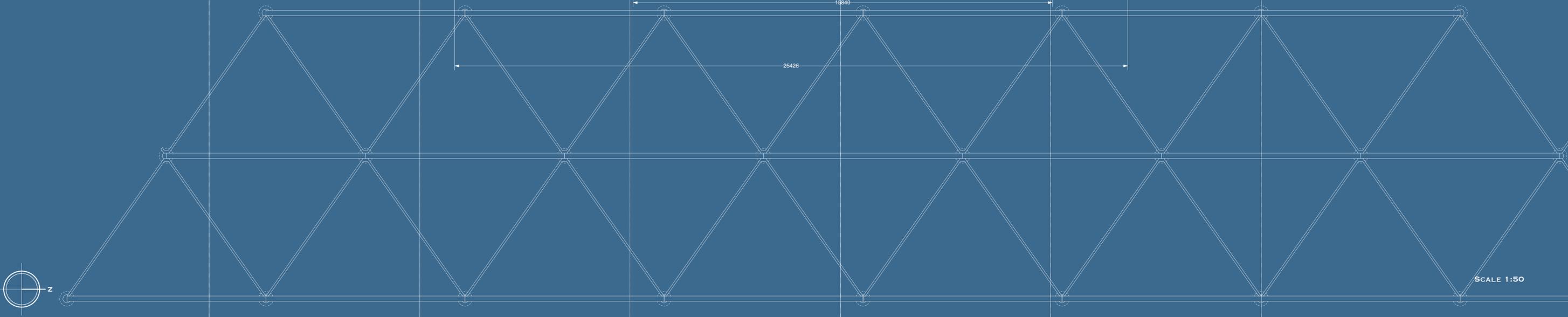
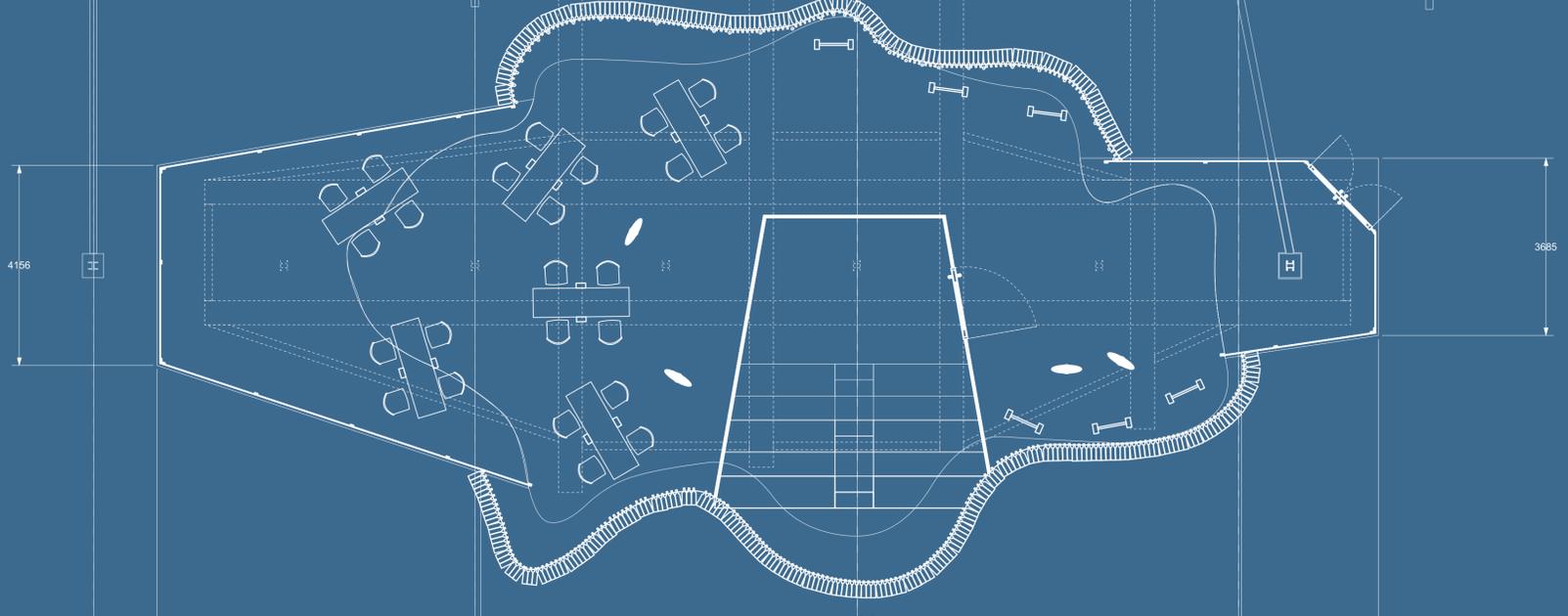
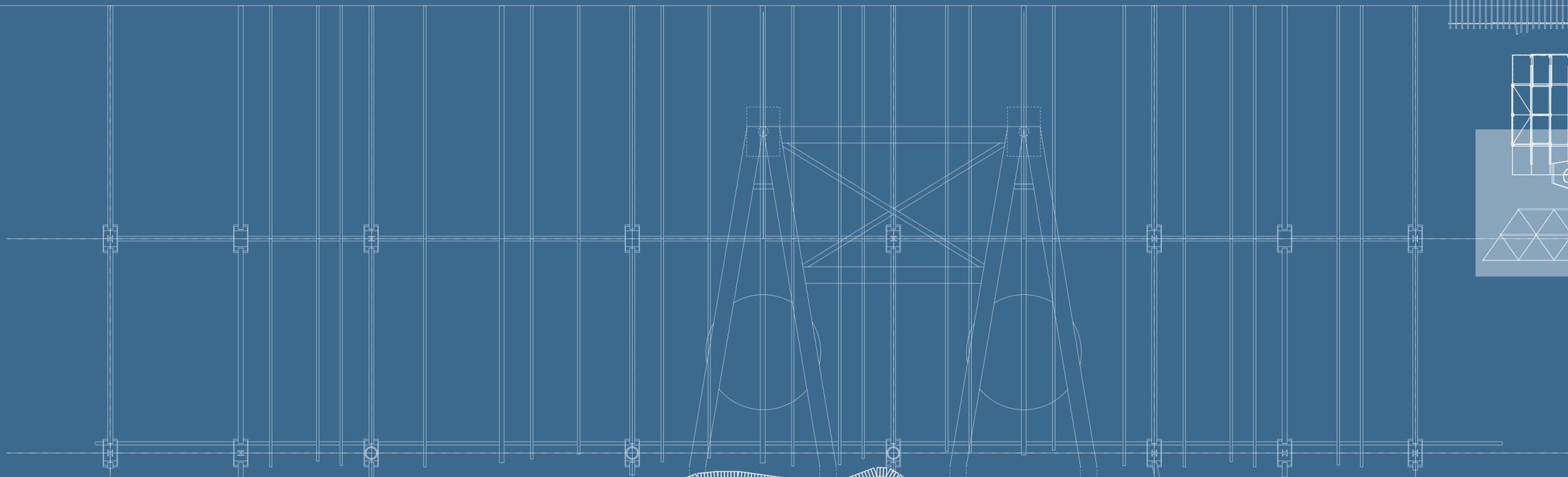


7. SUSPENSION CABLE

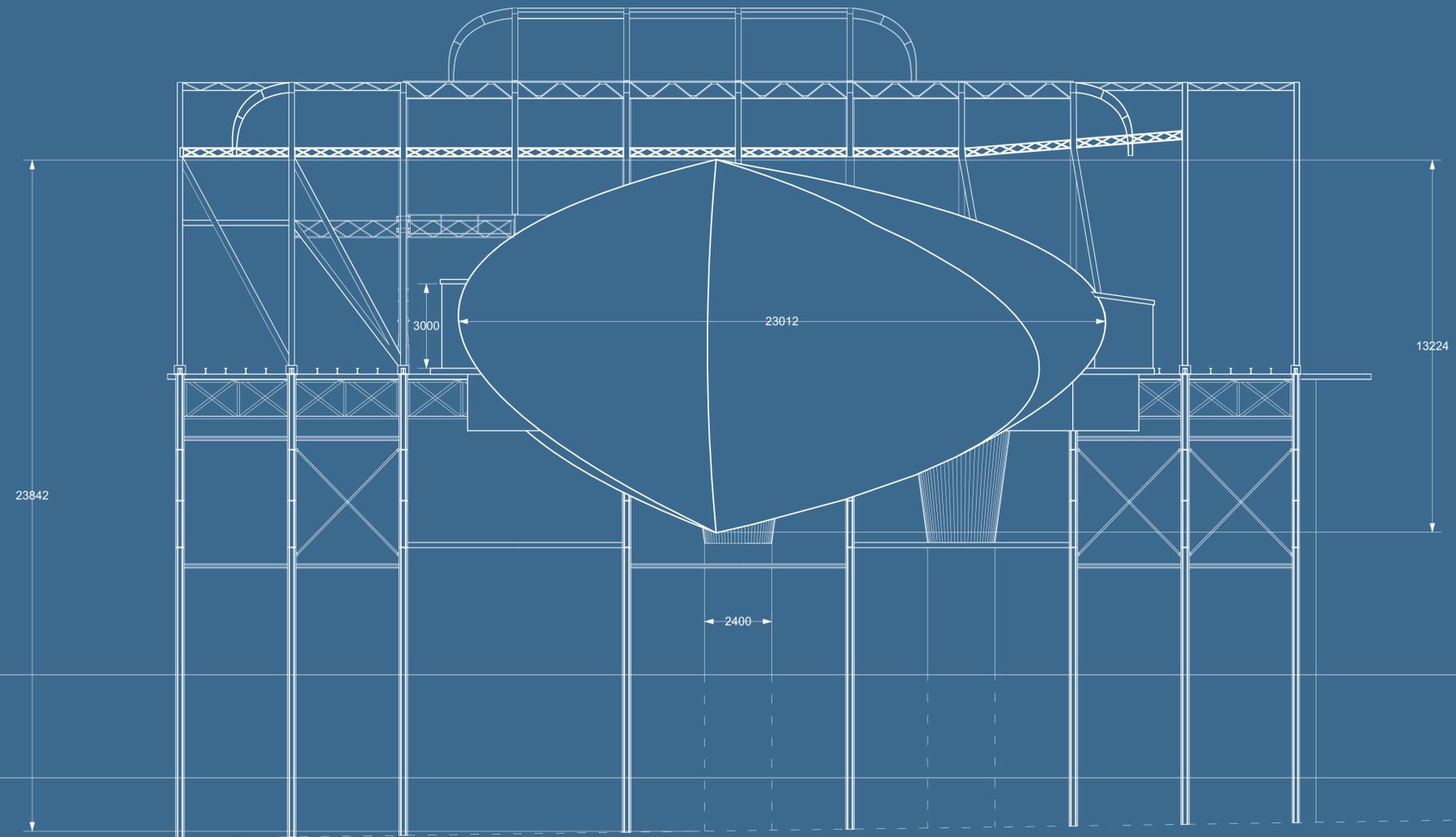


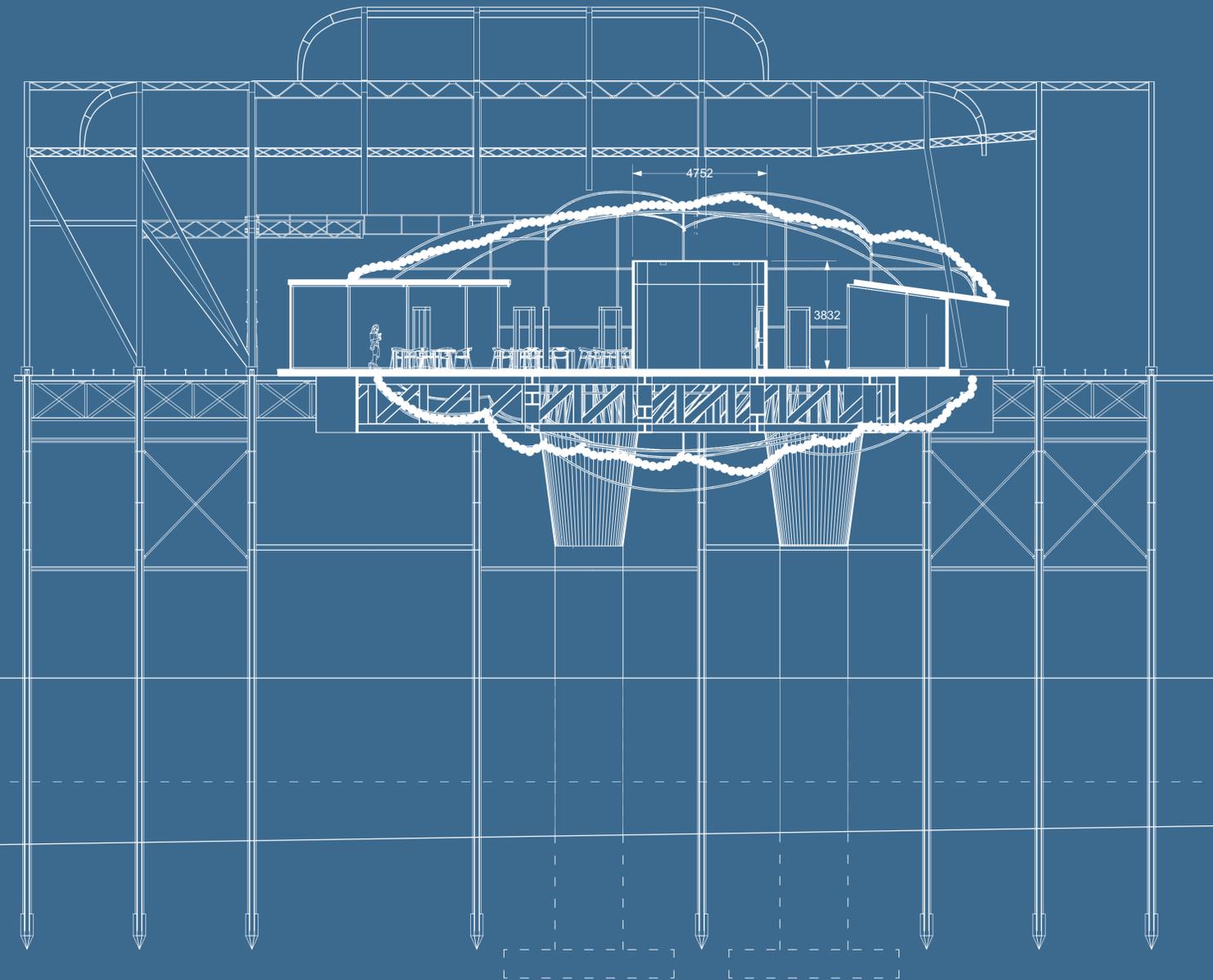


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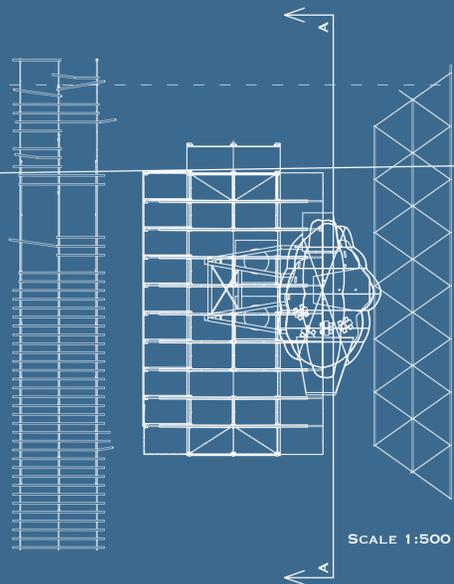
SCALE 1:50





HIGH TIDE LINE

LOW TIDE LINE



SCALE 1:500

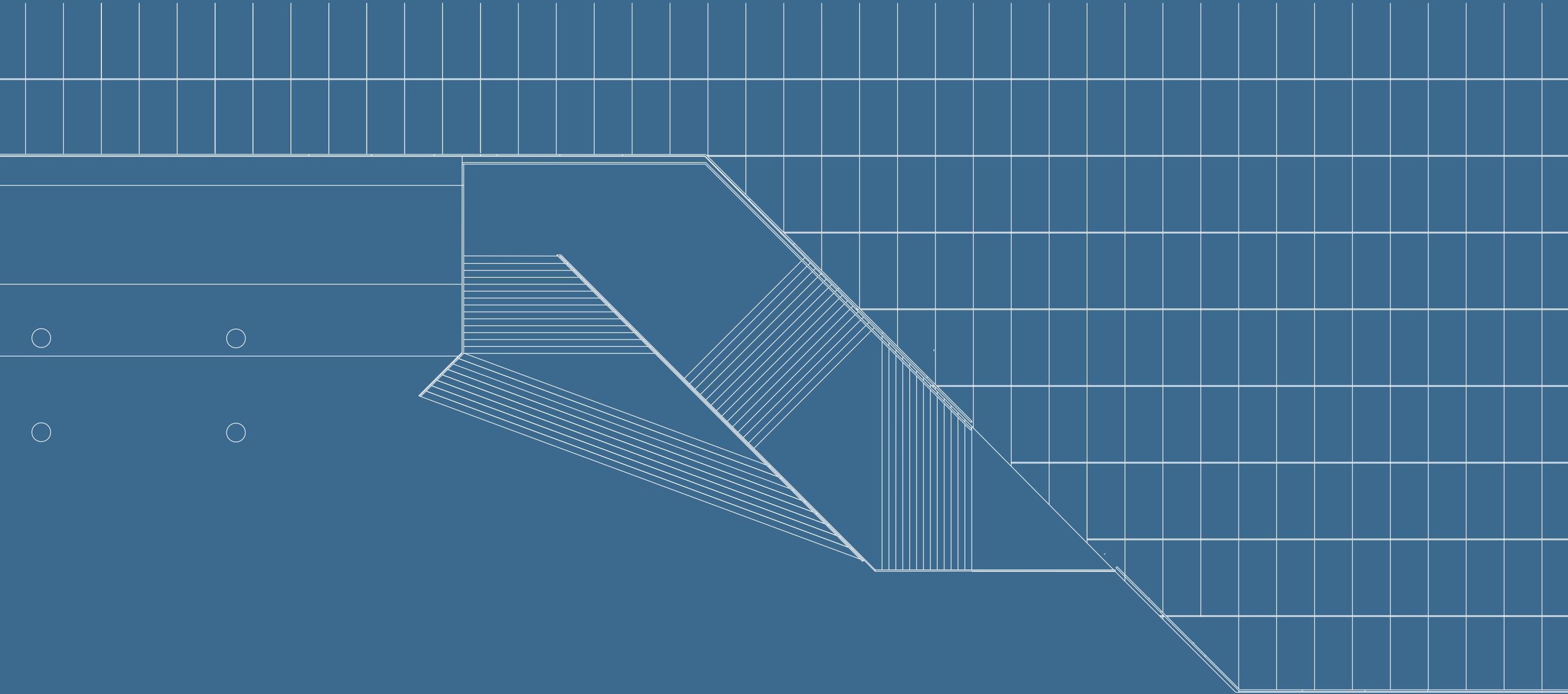


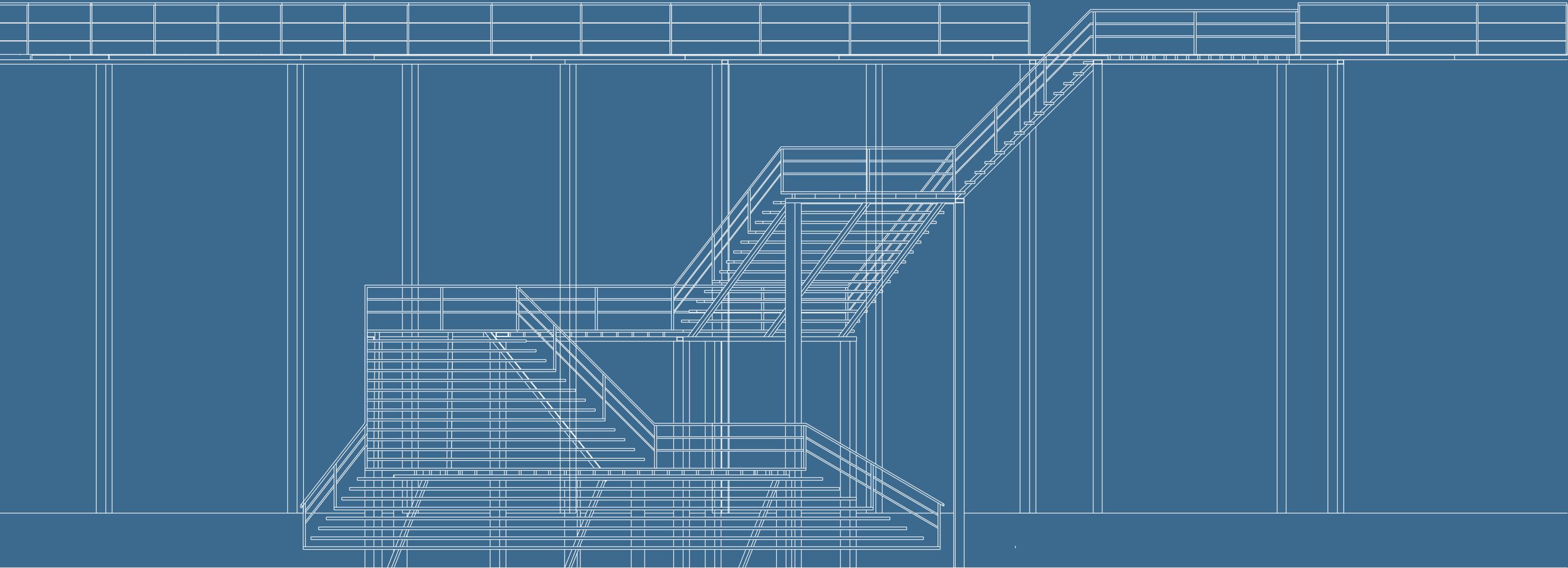
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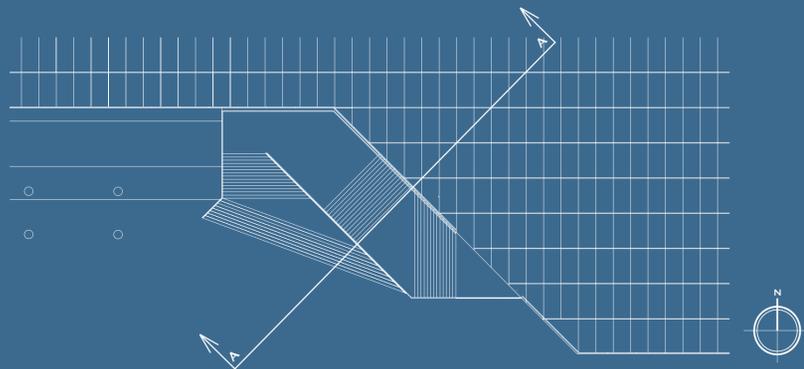
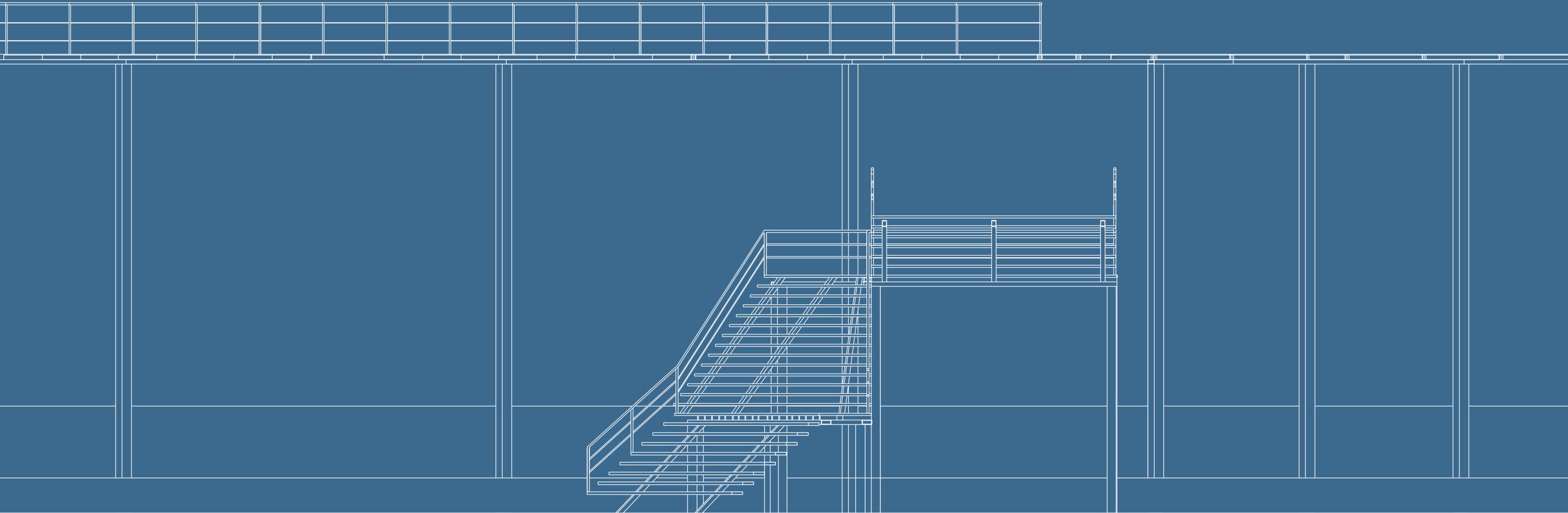


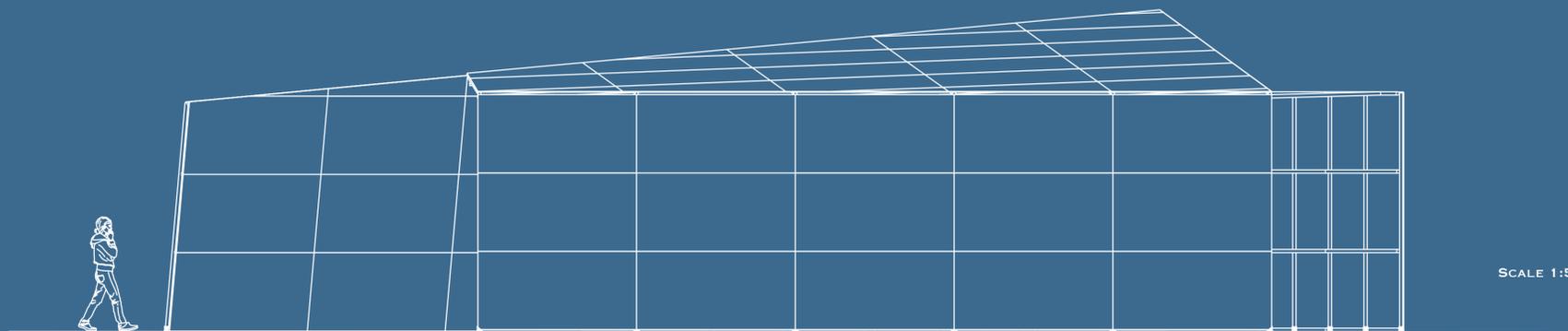
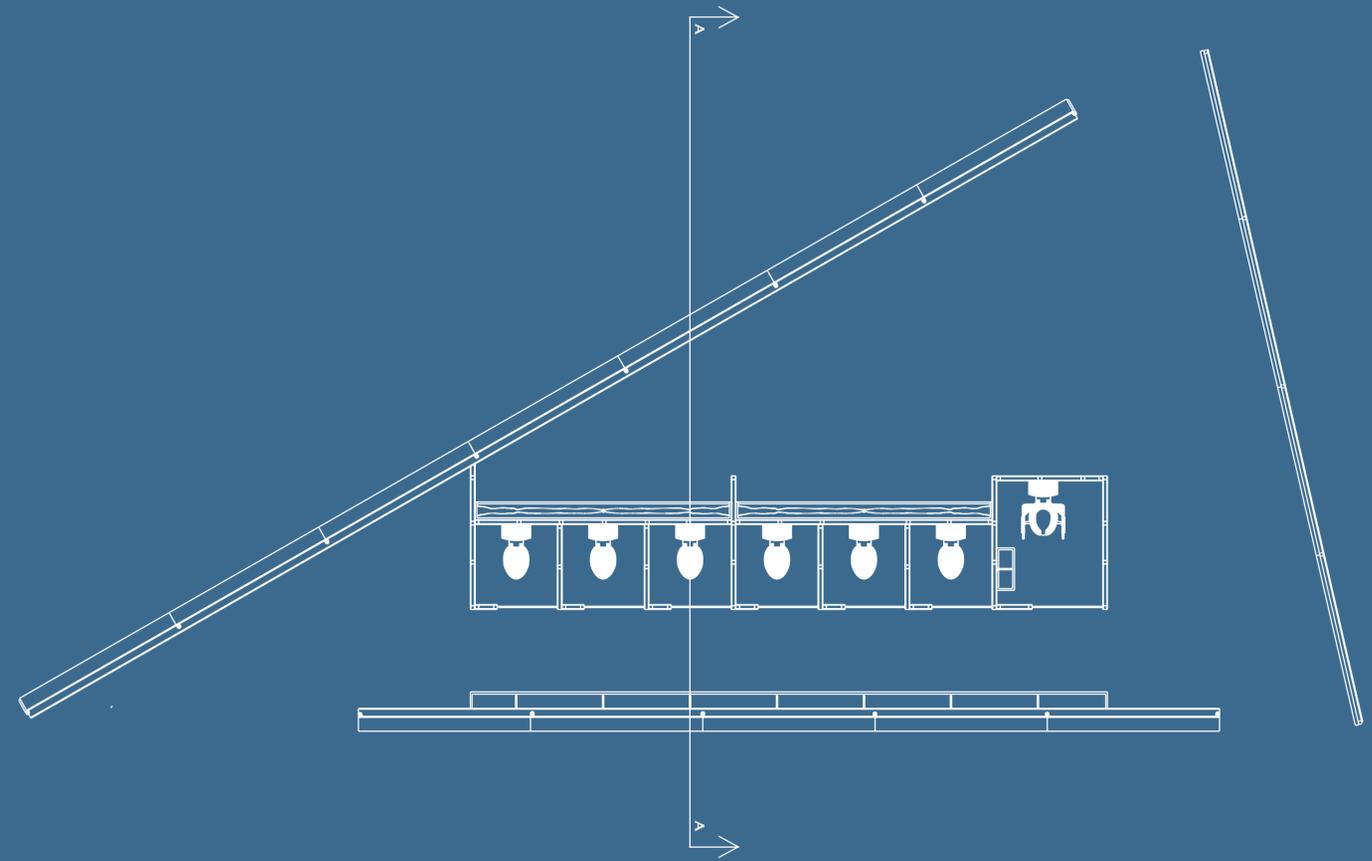
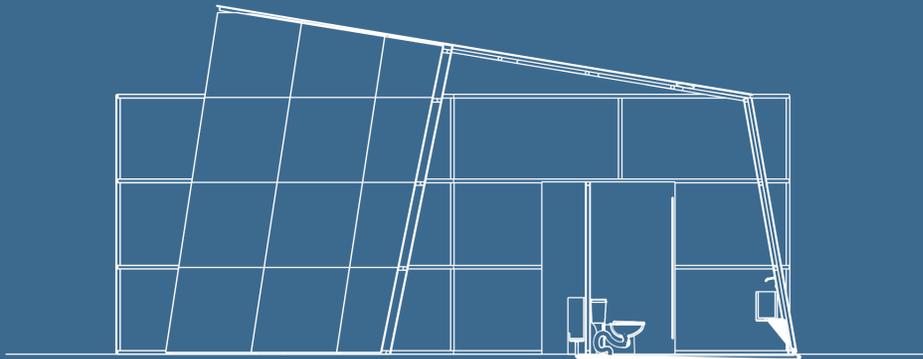
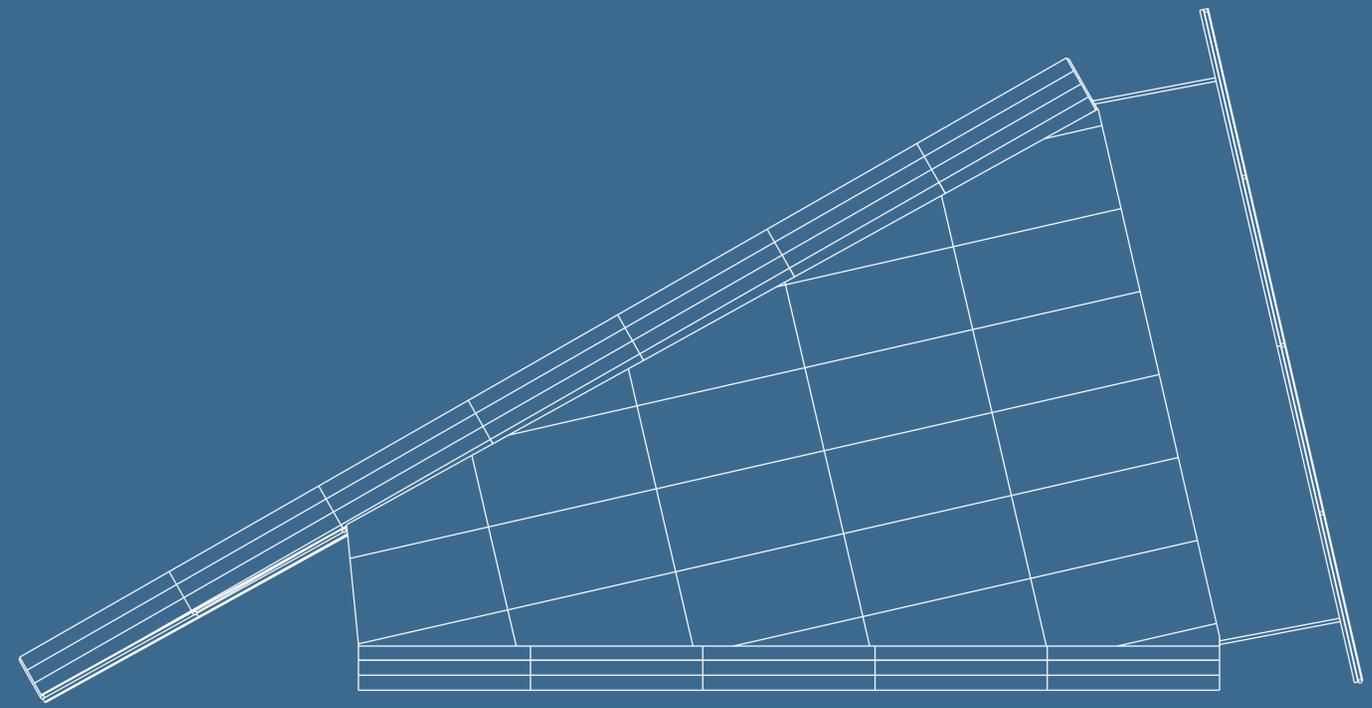
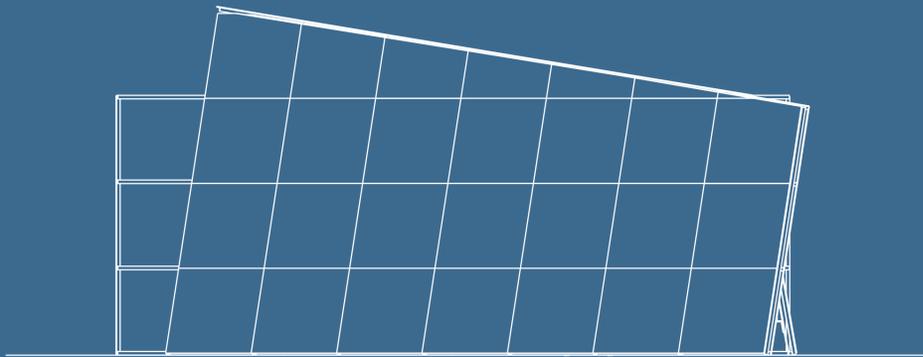


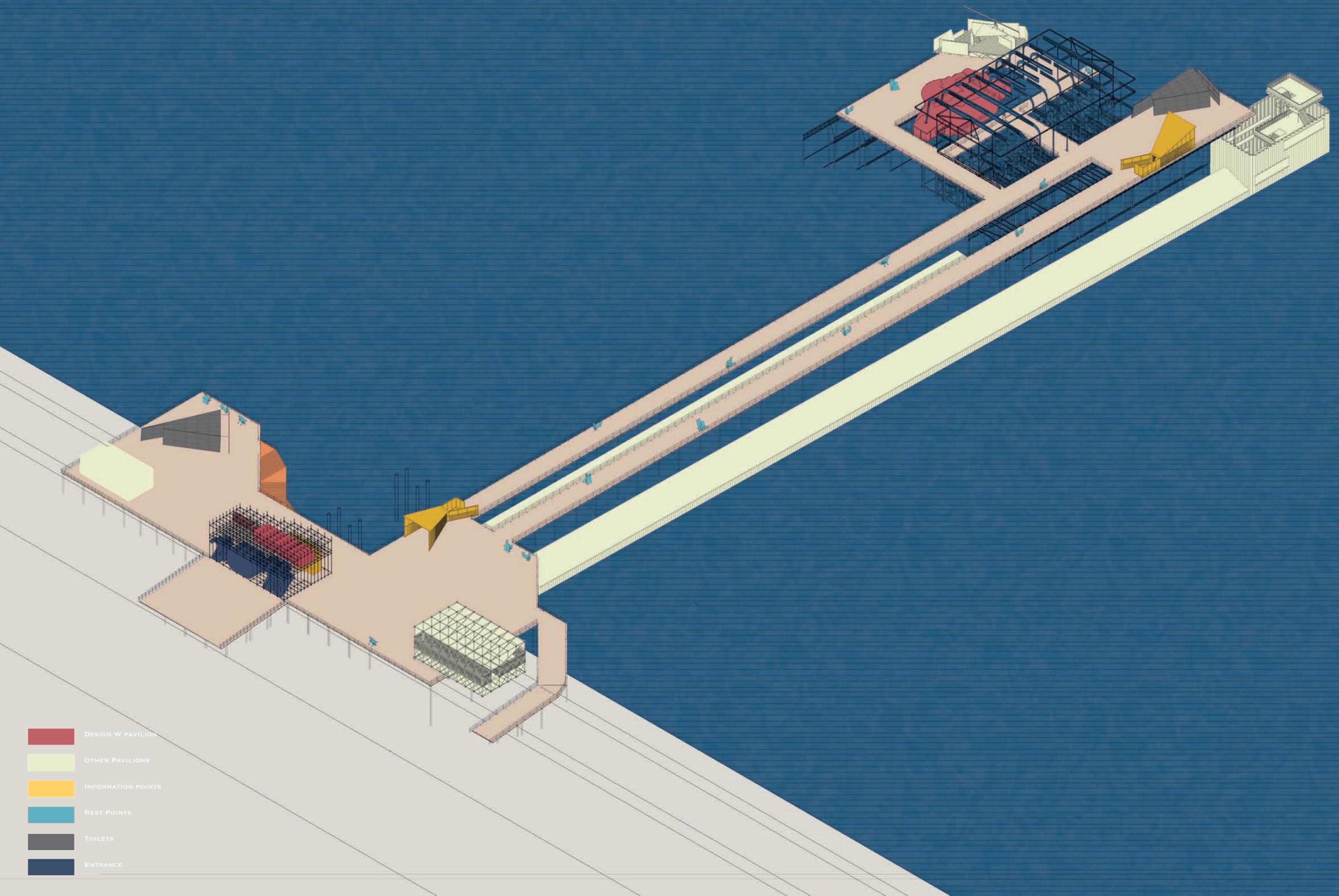












- DESIGN W PAVILION
- OTHER PAVILIONS
- INFORMATION POINTS
- REST POINTS
- TOILETS
- ENTRANCE