



Bnext

Visit Bnext to collect and examine constructin waste materials.



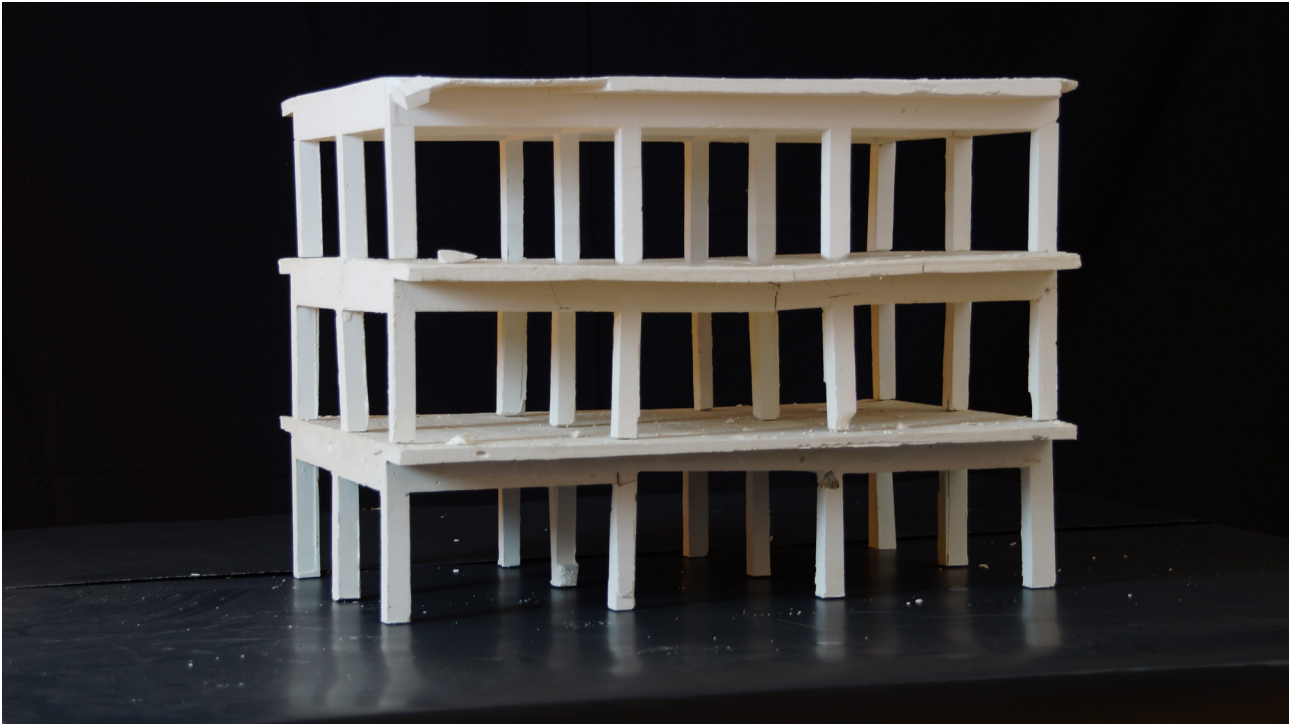
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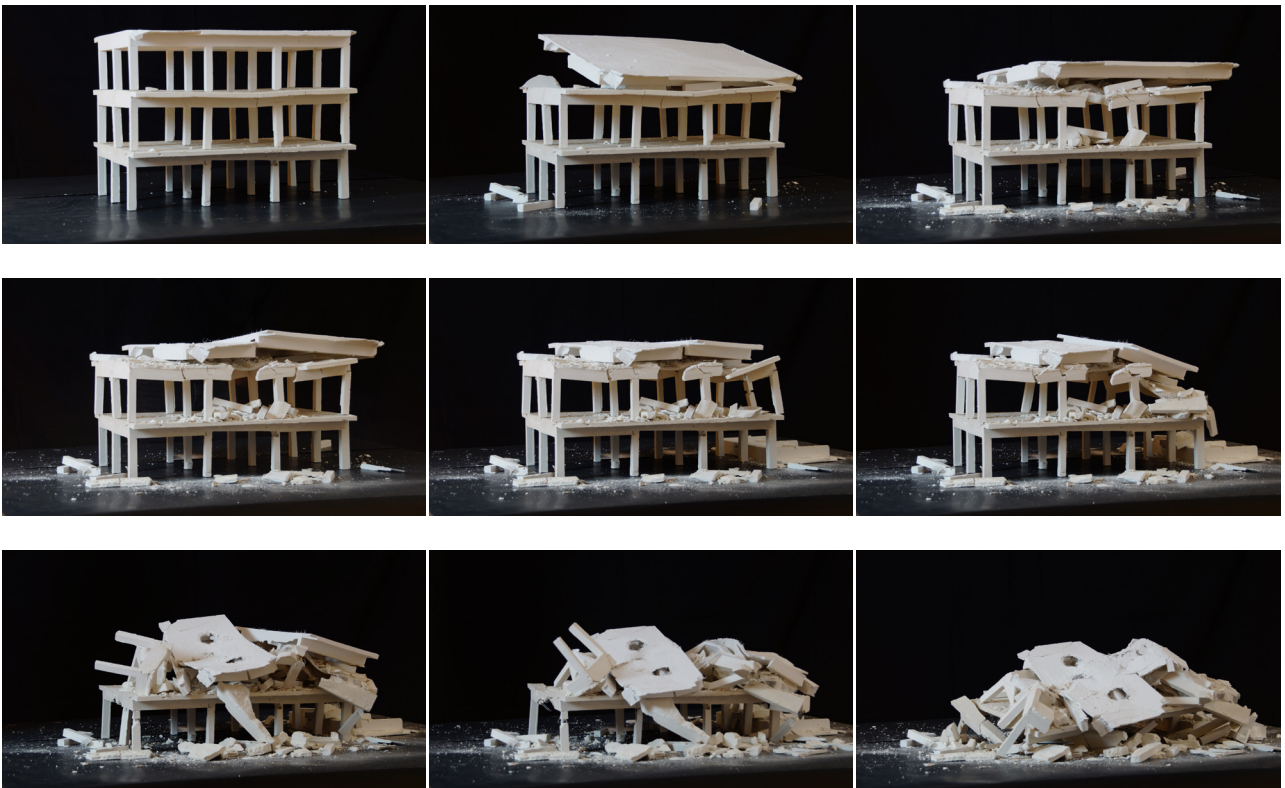
Initial State

The model before the demolition process began.



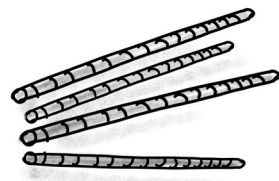
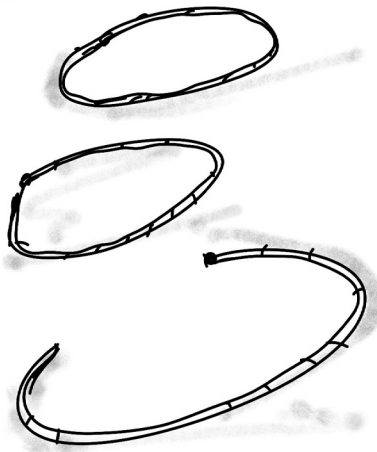
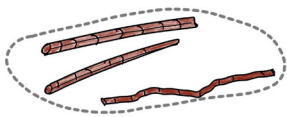
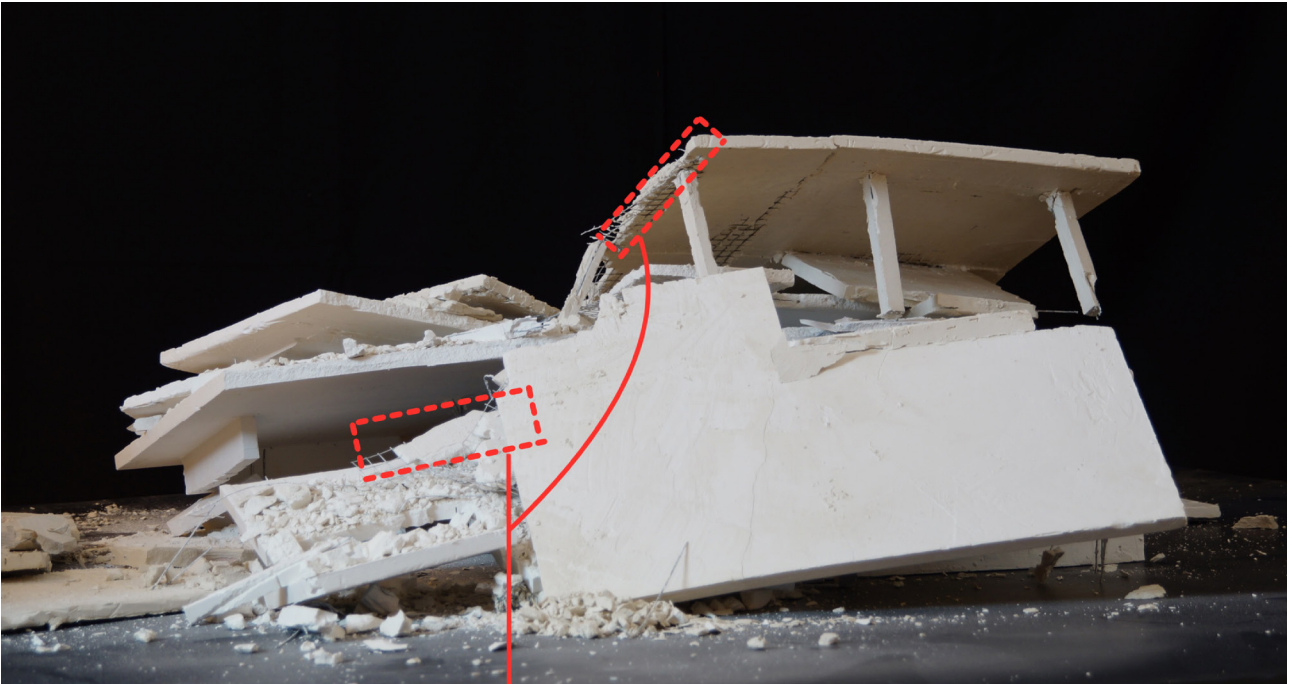
Final State

The model after the demolition has been completed.



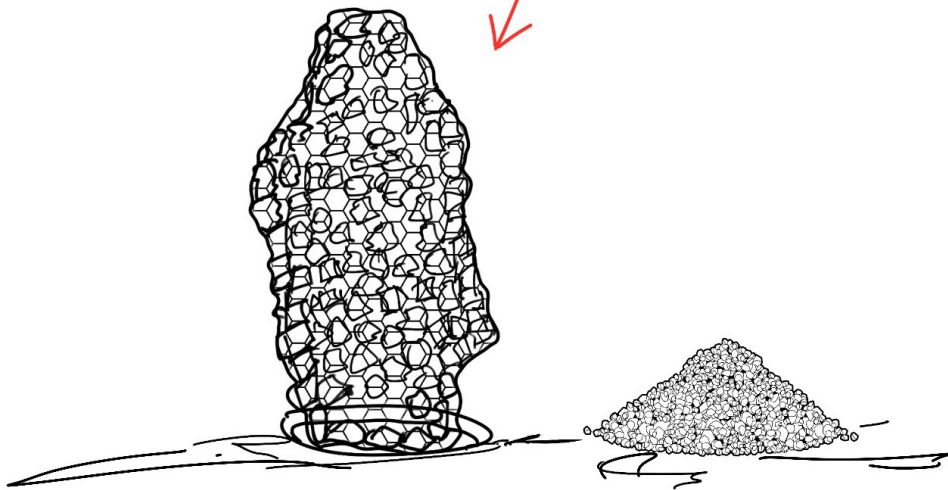
Demolition Process Matrix

This collection of photos provides an overview of the demolition process..



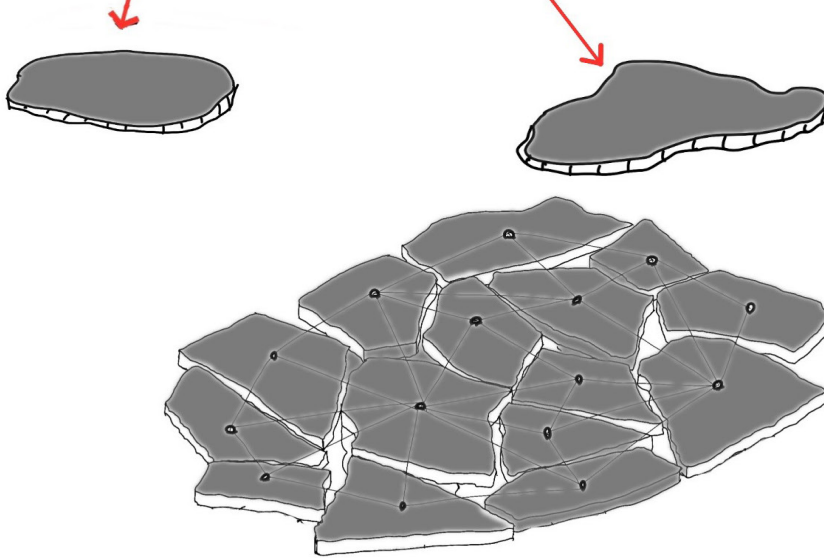
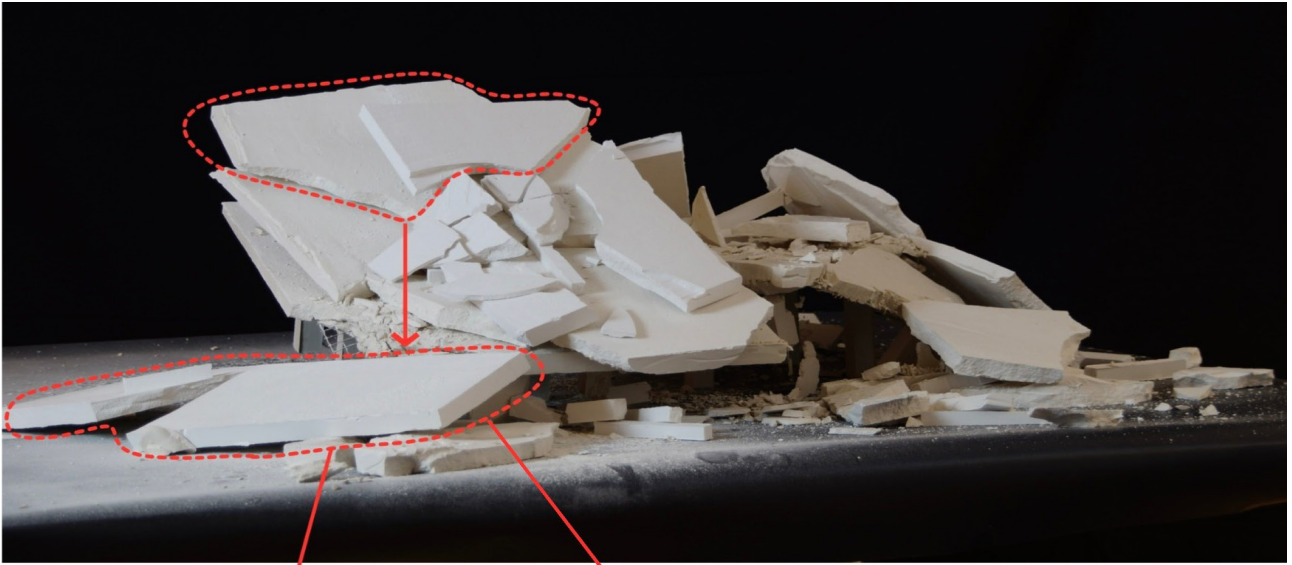
Harvesting Material

Collecting rebar for reuse in the pavillion as conscrtruction element.



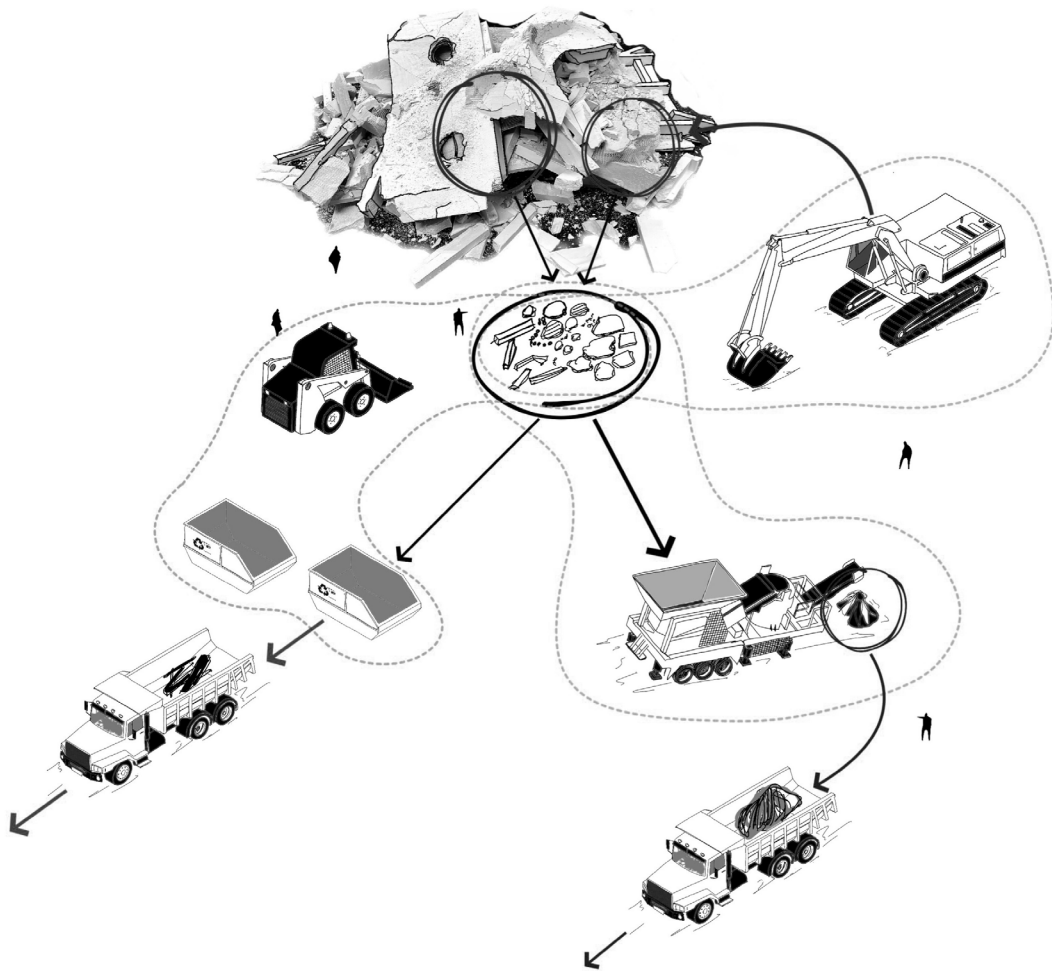
Harvesting Material

Collecting medium to small size construction waste to reuse it in the pavillion.



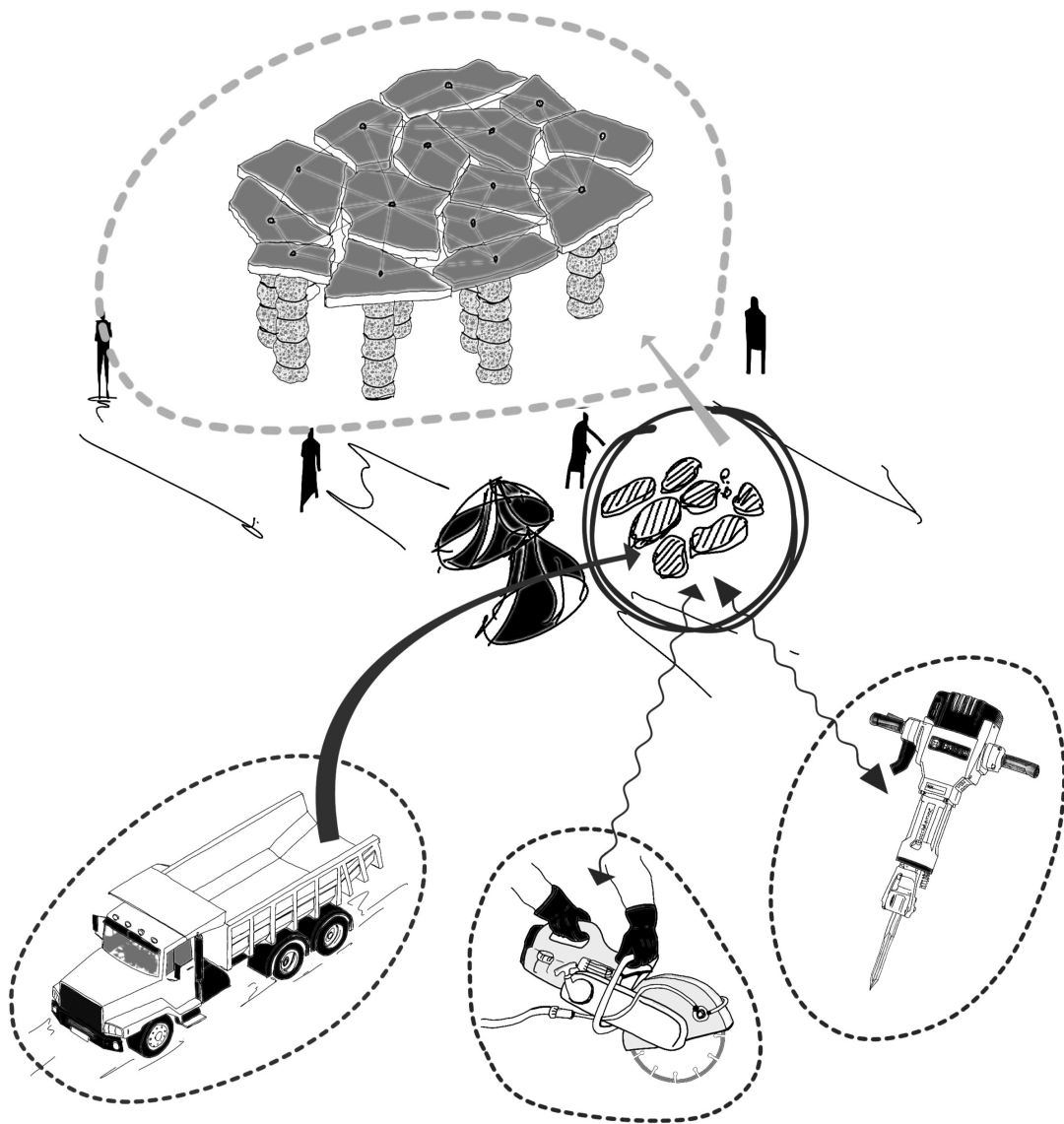
Harvesting Material

Collecting broken roofslabs to reuse it as a new roof for the pavillion.



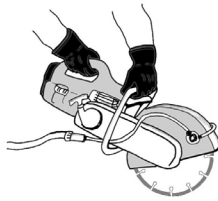
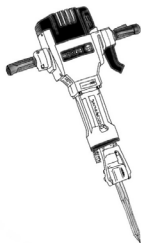
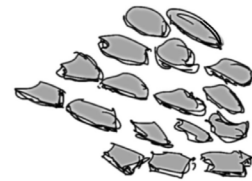
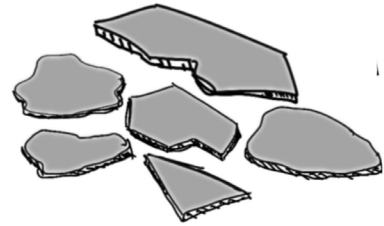
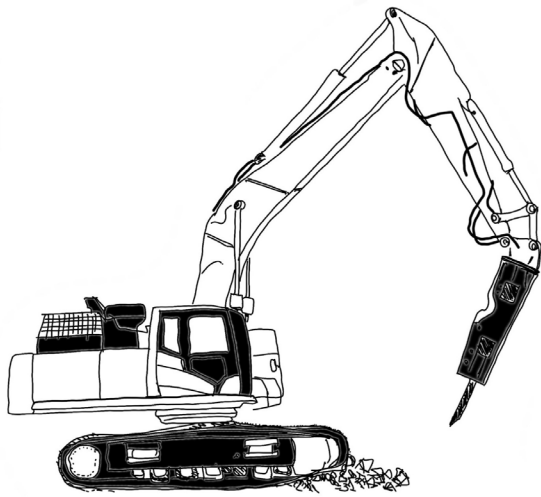
Axonometric view of the harvesting plan

Diagram of how the needed material will be picked up and will separated.



Axonometric view of the processing material

Diagram of how the material will be processed and reused.



Tools & Products

Used equipment to process the construction wastes and their products.

ConsciousBuild Pavilion

Building Awareness for a Sustainable Future

The ConsciousBuild Pavilion is a powerful and immersive space dedicated to raising awareness about the significant environmental impact of construction waste. By showcasing the alarming scale of waste generation and its implications for the future, the pavilion aims to inspire visitors to embrace sustainable practices and make conscious choices for a better world.

Step into the ConsciousBuild Pavilion and be prepared to embark on a journey of awakening. The pavilion's design seamlessly blends aesthetics with education, providing a visually stunning experience that captivates the senses. Through interactive exhibits, engaging displays, and thought-provoking installations, visitors are invited to delve into the depths of construction waste and its far-reaching consequences.

Inside, you'll witness the staggering amounts of discarded materials and learn about the detrimental effects on the environment, ecosystems, and climate. The pavilion serves as a catalyst for introspection, encouraging visitors to question the current state of affairs and consider the long-term implications of unsustainable practices.

The ConsciousBuild Pavilion goes beyond showcasing the problem—it illuminates solutions and sparks hope for a sustainable future. By highlighting innovative technologies, eco-friendly materials, and construction practices that minimize waste, the pavilion offers a vision of what is possible. Visitors are empowered to become agents of change, taking away practical knowledge and inspiration to apply in their own lives and communities.

As you explore the ConsciousBuild Pavilion, you'll discover the interconnectedness between construction, the environment, and our collective well-being. The pavilion ignites a sense of responsibility, urging visitors to adopt conscious building practices, advocate for change, and contribute to a more sustainable and resilient future.

Join us in the ConsciousBuild Pavilion, where awareness transforms into action, and each choice we make becomes a building block for a better world.



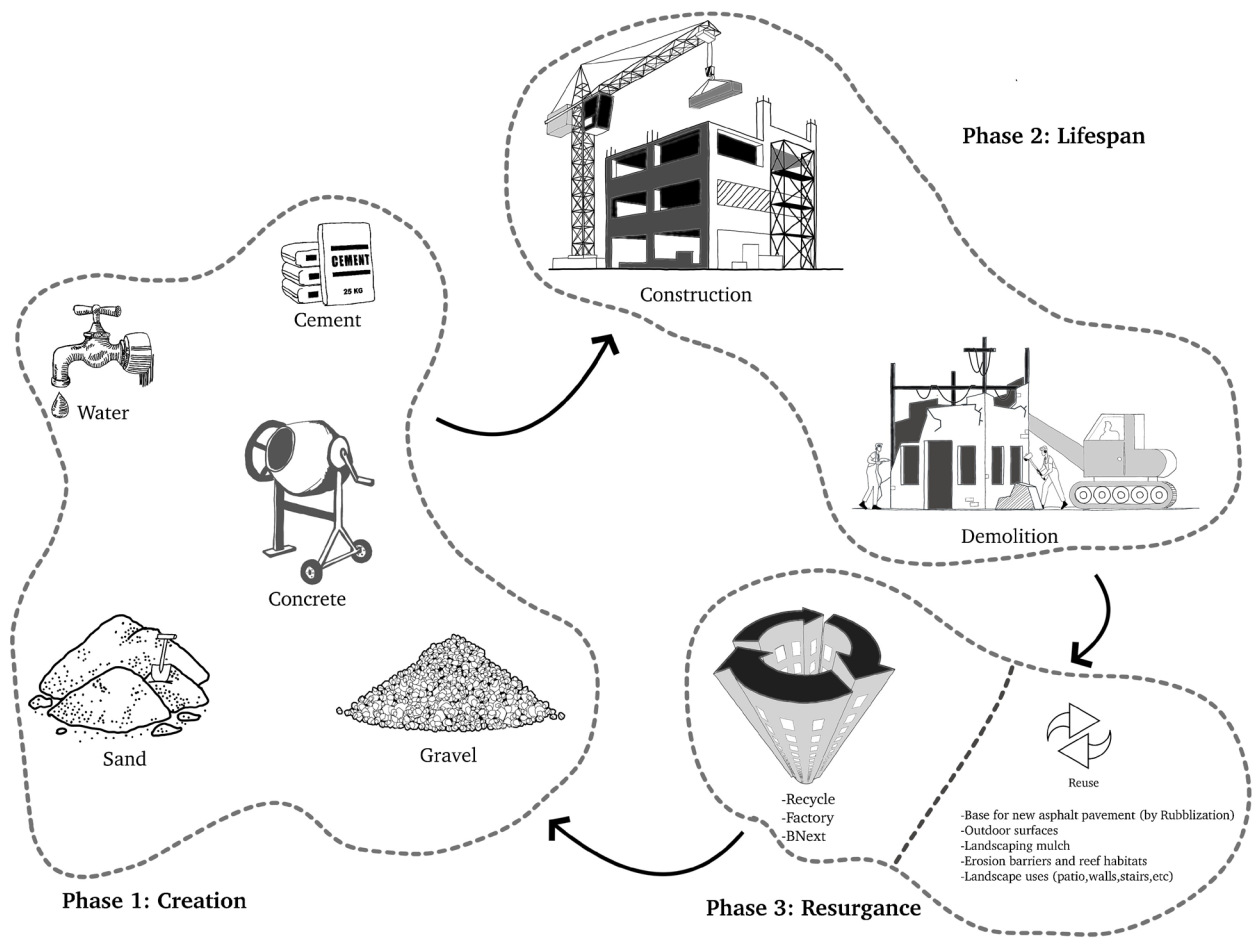
Referentie beeld (Gabions wall system)

Using this system to construct large structures with the help of metal provides an attractive appearance.



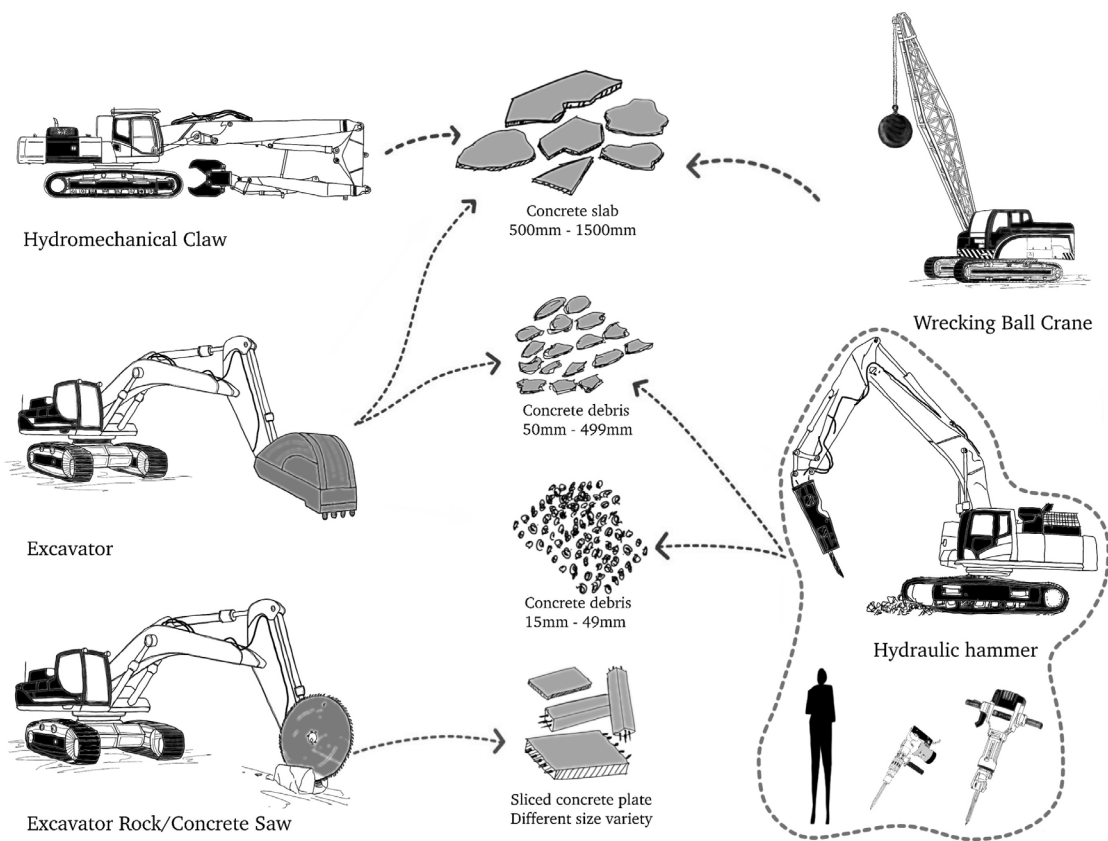
Reference (Gabions wall system)

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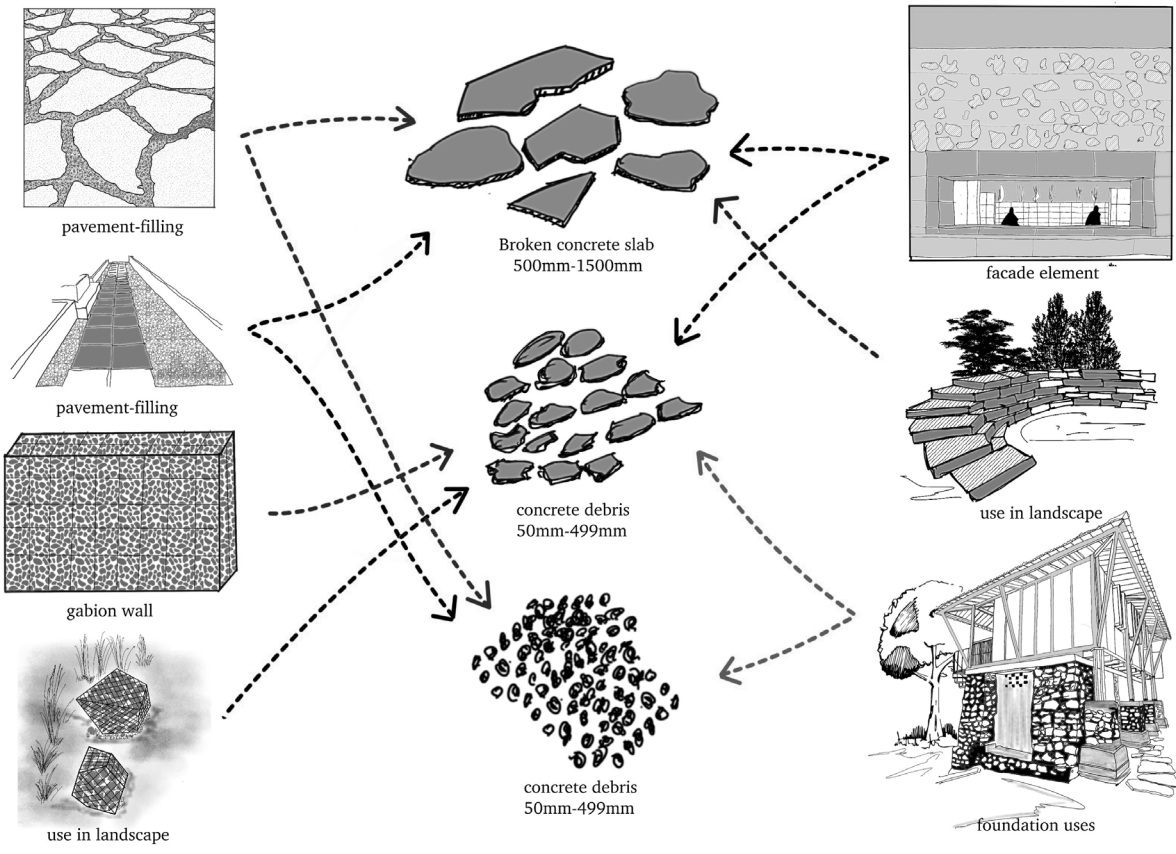
Material stream-concrete

Showing the lifespan of concrete from creation phase until the recycle process.



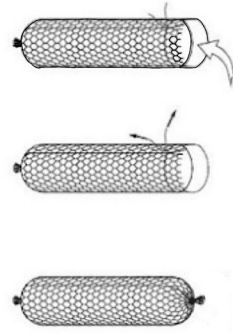
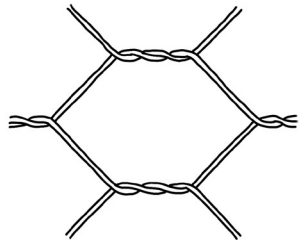
Demolition

Equipment type for demolition and their products.

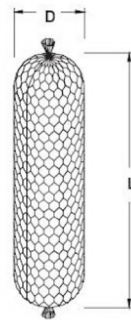
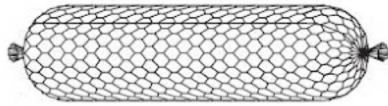


Reuse

Showing the method's of reuse concrete wastes with different size and form.



Stainless steel mesh
Used to make cylinders shape sacks
Highly strong structure and anti corrosion



Stainlees Steel /Galvanized Steel Sack

Diagram of how the cylindrical sack will come to gether.



Inspiration

Using this structures in river control and various emergency applications.



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Using this structures in river control and various emergency applications.



Site visit

The texture seen in the photo has been used as an inspiration for the design.



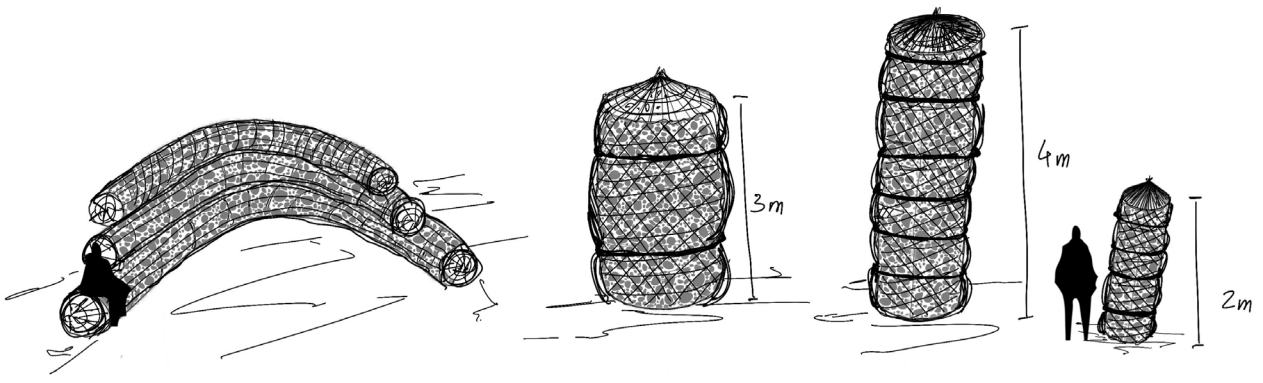
Site visit

Location for potential pavilion.



Site visit

Aligning perspective lines with the envisioned pavillion.



Models

Showing different type and size sacks and their property related to being horizontal and vertical.



Inspiration

Retaining walls, prevent erosion, control waterflow and soil management.



Interior Photo



Interior Photo



Interior Photo



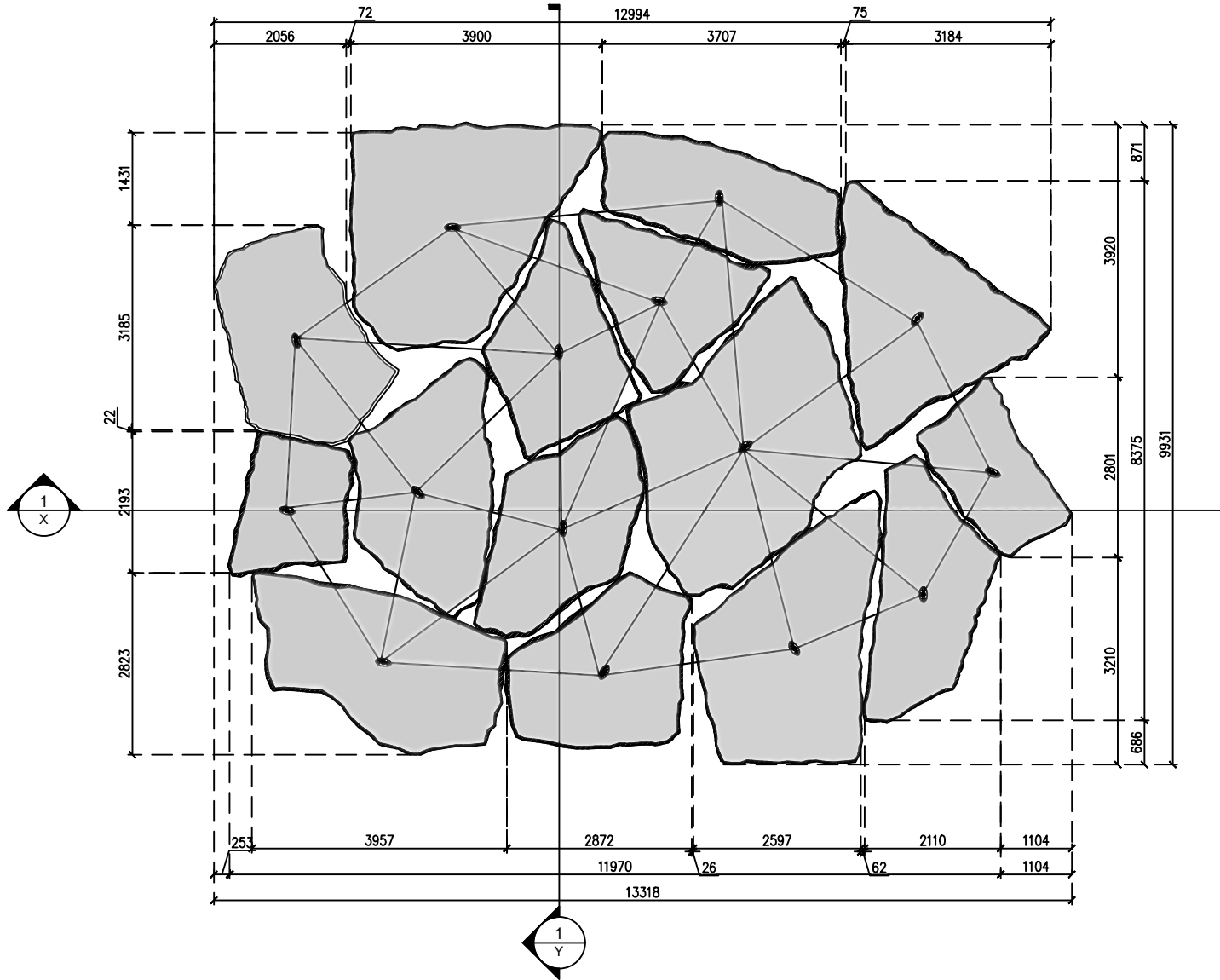
Exterior Photo



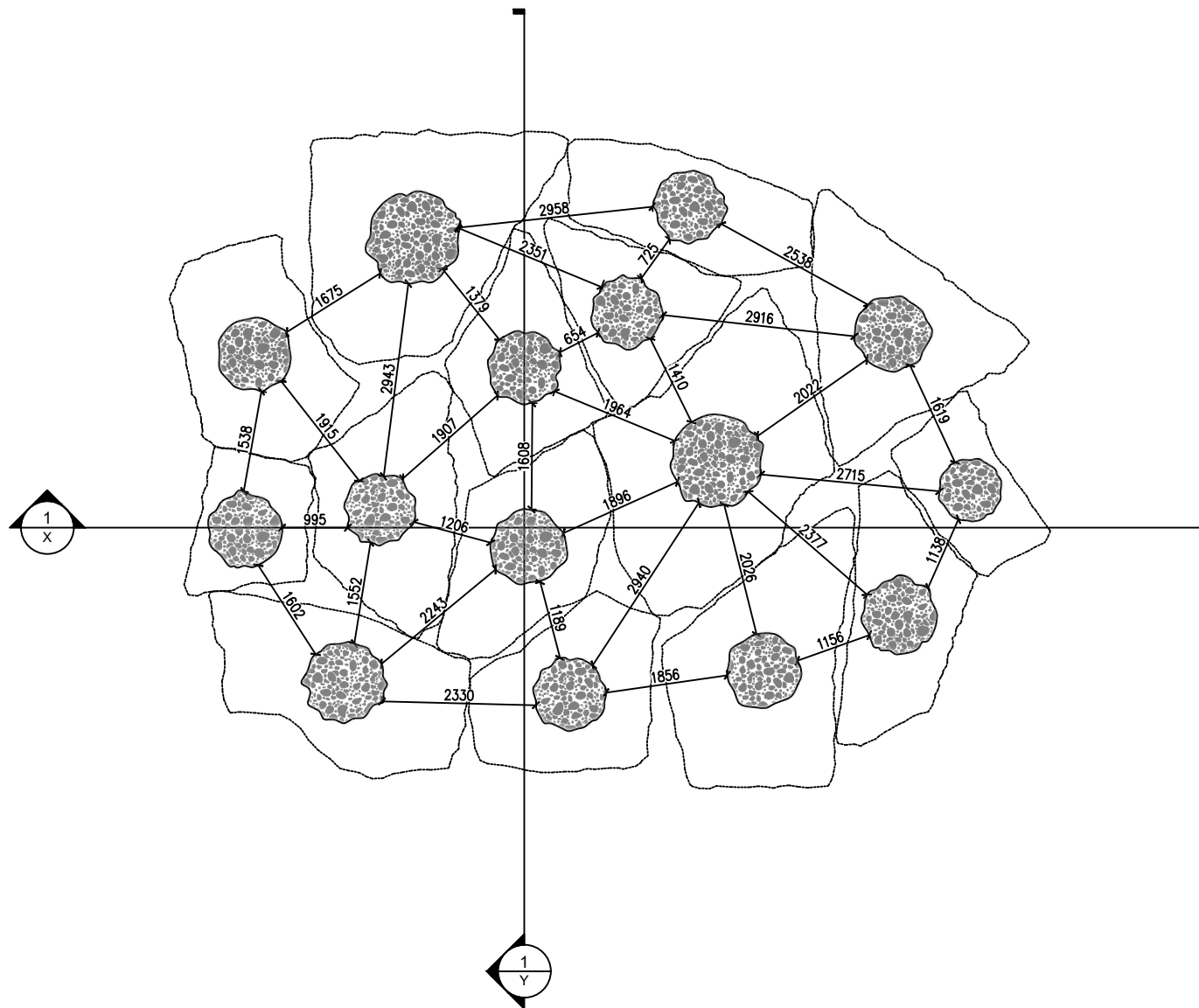
Exterior Photo



Exterior Photo



Ground floor
Scale 1:100

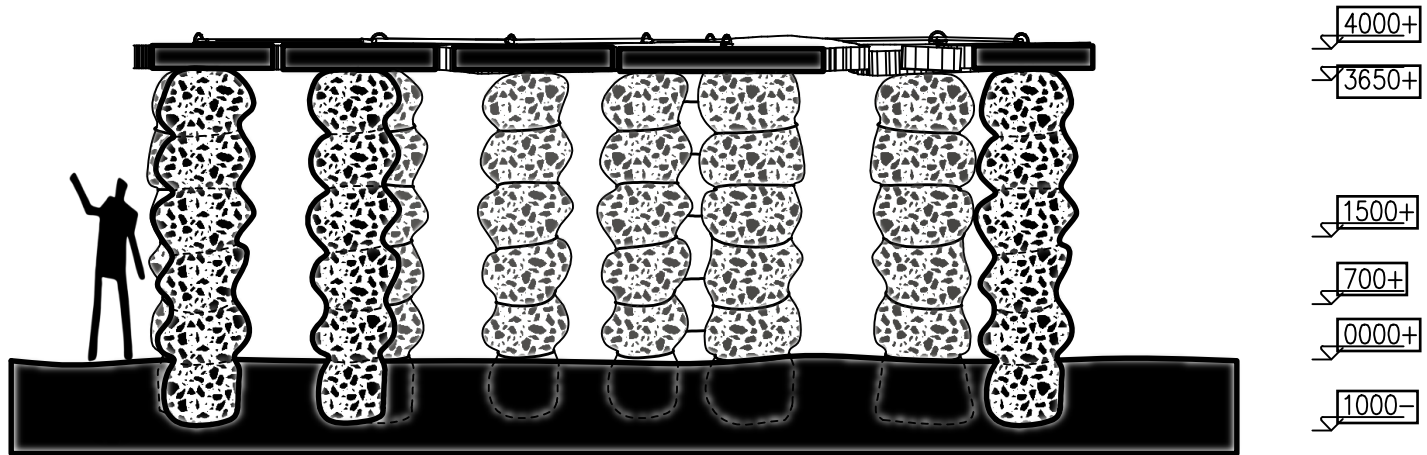


Ground floor
Scale 1:100

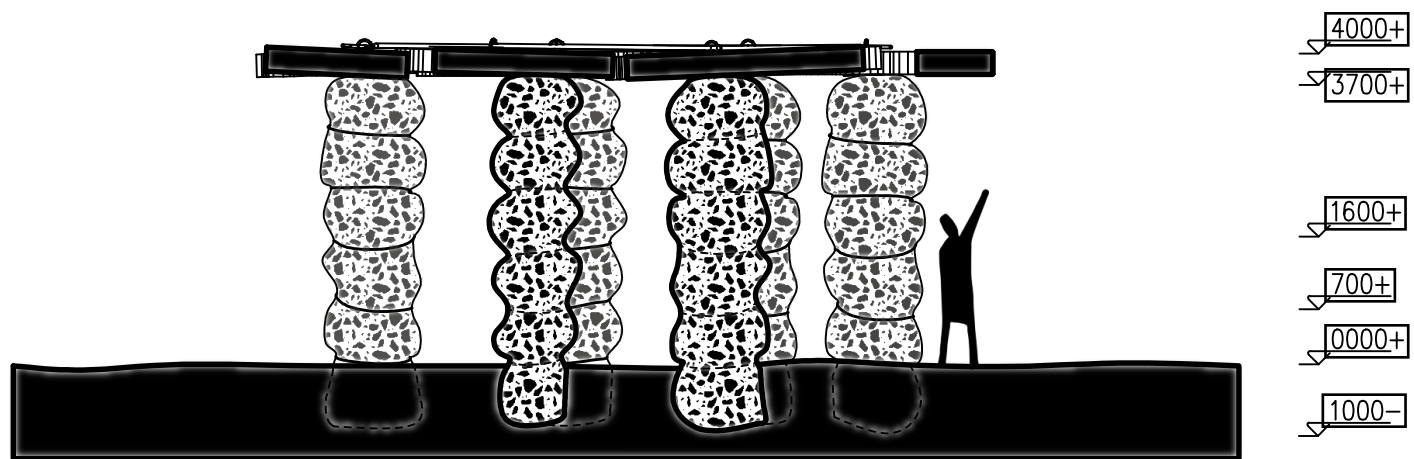
Attention: the exact dimension should be controlled on the construction site



Studio: one more time with feeling
Date: 16-06-2023



Section X-1
Scale 1:100

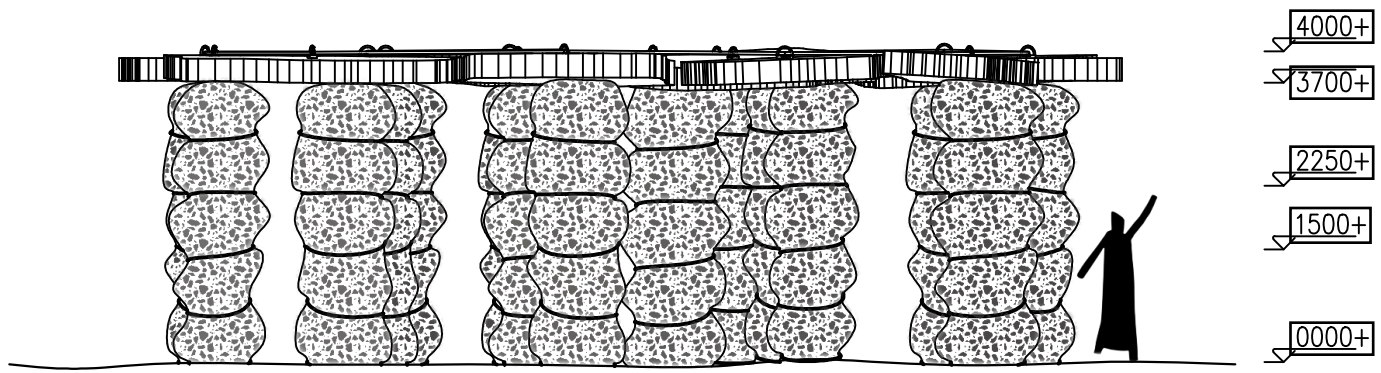


Section Y-1
Scale 1:100

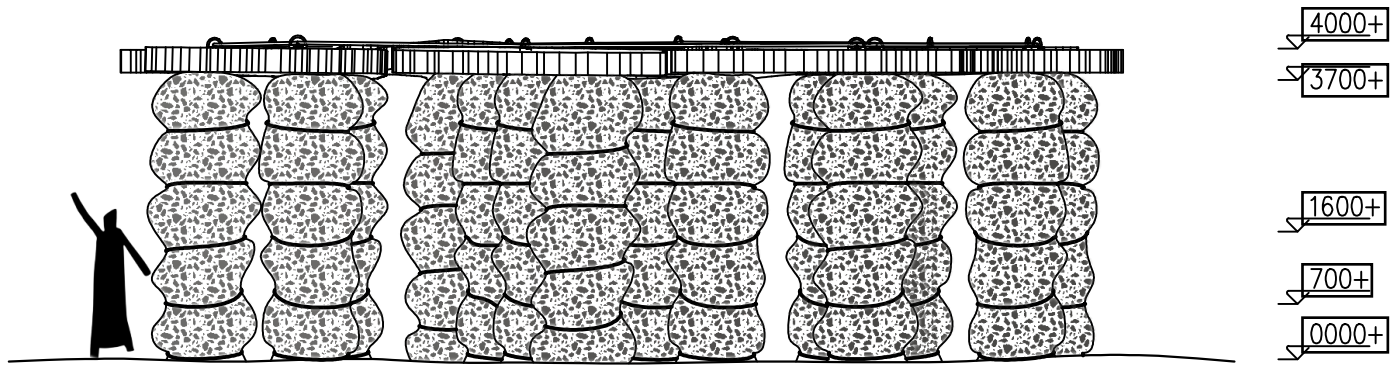
Attention: the exact dimension should be controlled on the construction site



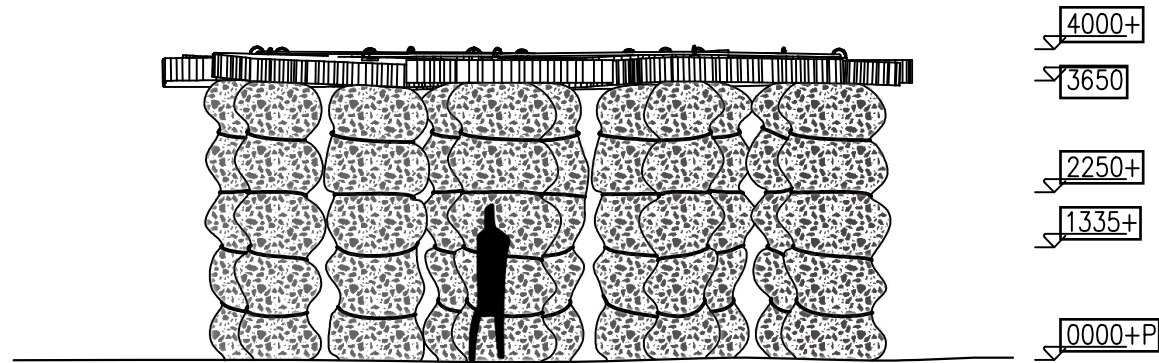
Studio: one more time with feeling
Date: 16-06-2023



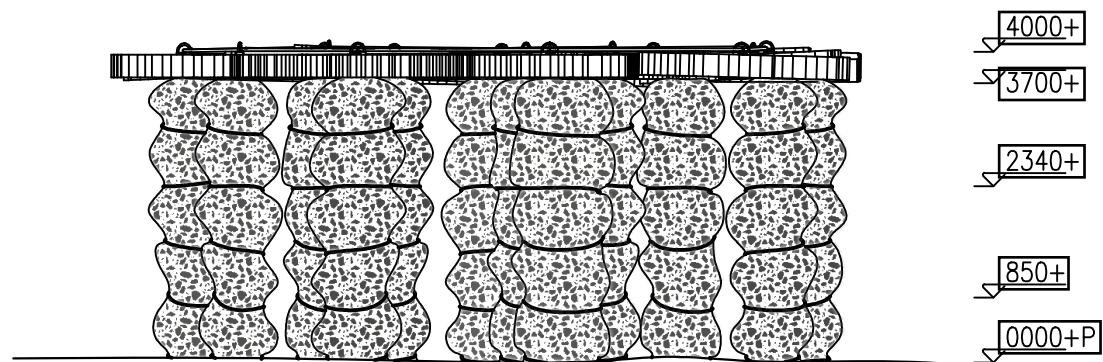
South Elevation
Scale 1:100



North Elevation
Scale 1:100

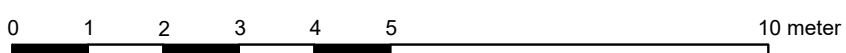


East Elevation
Scale 1:100

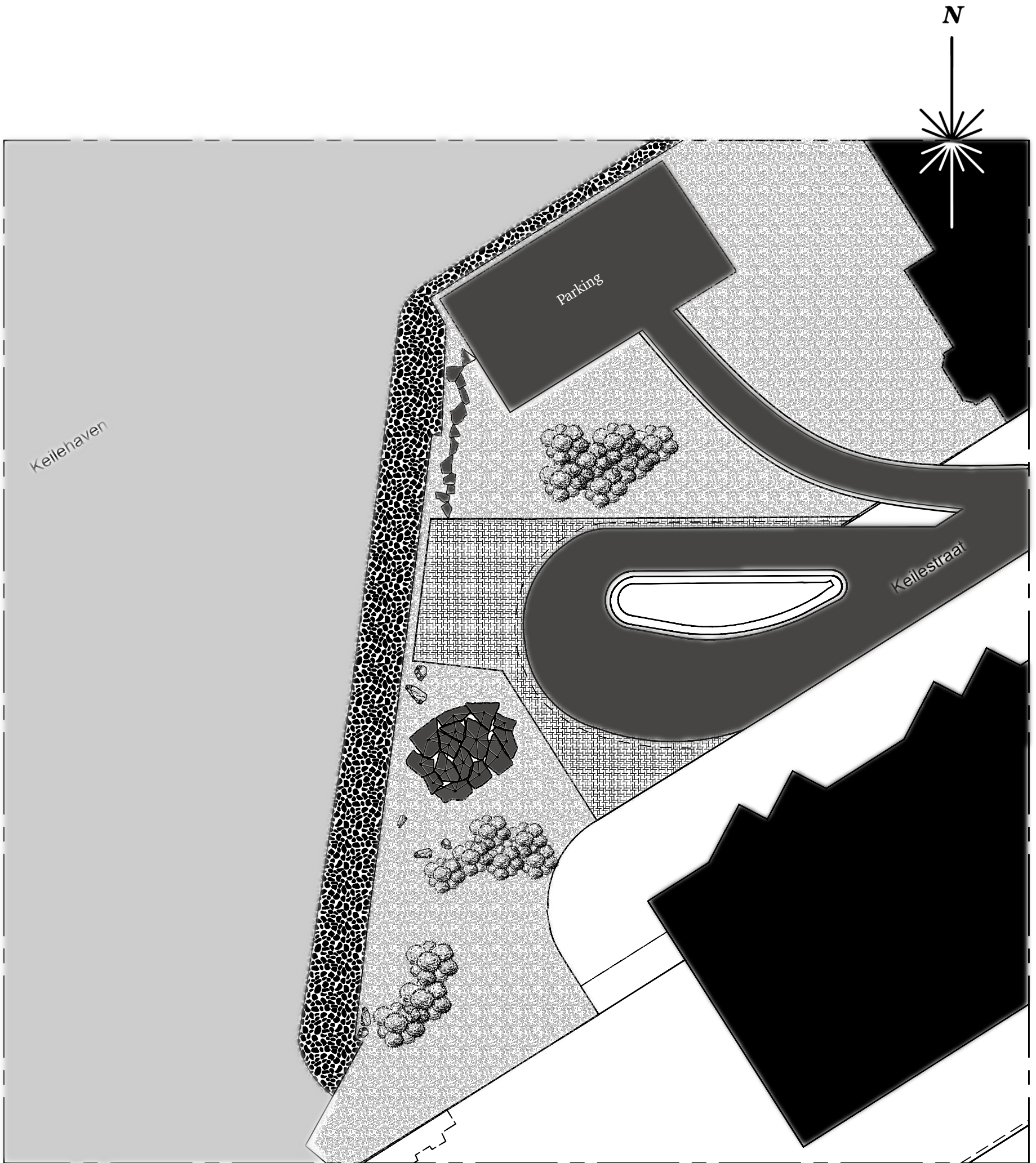


West Elevation
Scale 1:100

Attention: the exact dimension should be controlled on the construction site



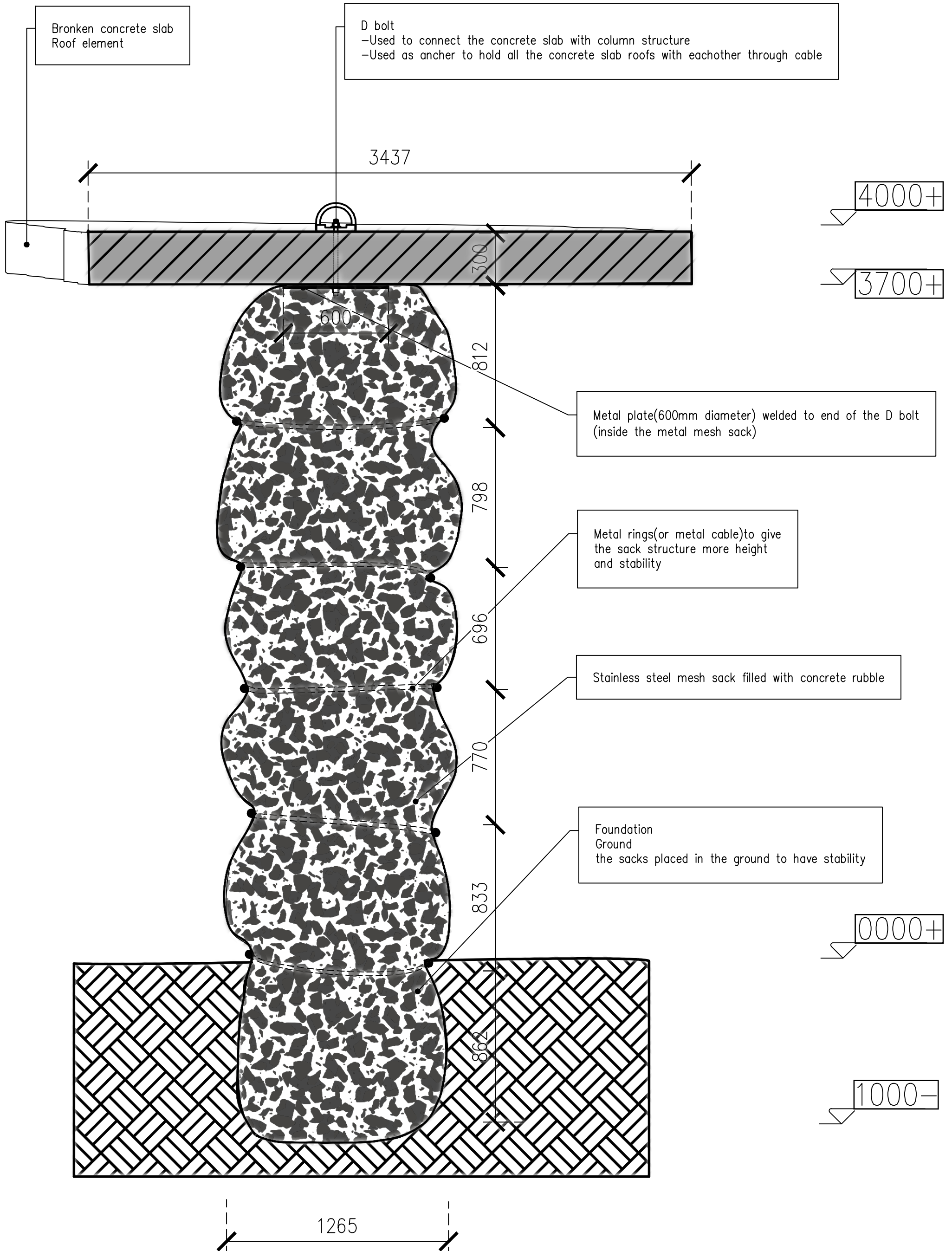
Studio: one more time with feeling
Date: 16-06-2023



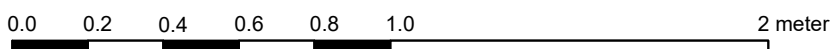
Attention: the exact dimension should be controlled on the construction site

0 10 20 30 40 50 meter

Studio: one more time with feeling
Date: 16-06-2023
Drawing: Siteplan
Scale: 1:500



Attention: the exact dimension should be controlled on the construction site



Studio: one more time with feeling
 Date: 16-06-2023
 Detail: Foundation connection - Roof connection
 Scale: 1:20