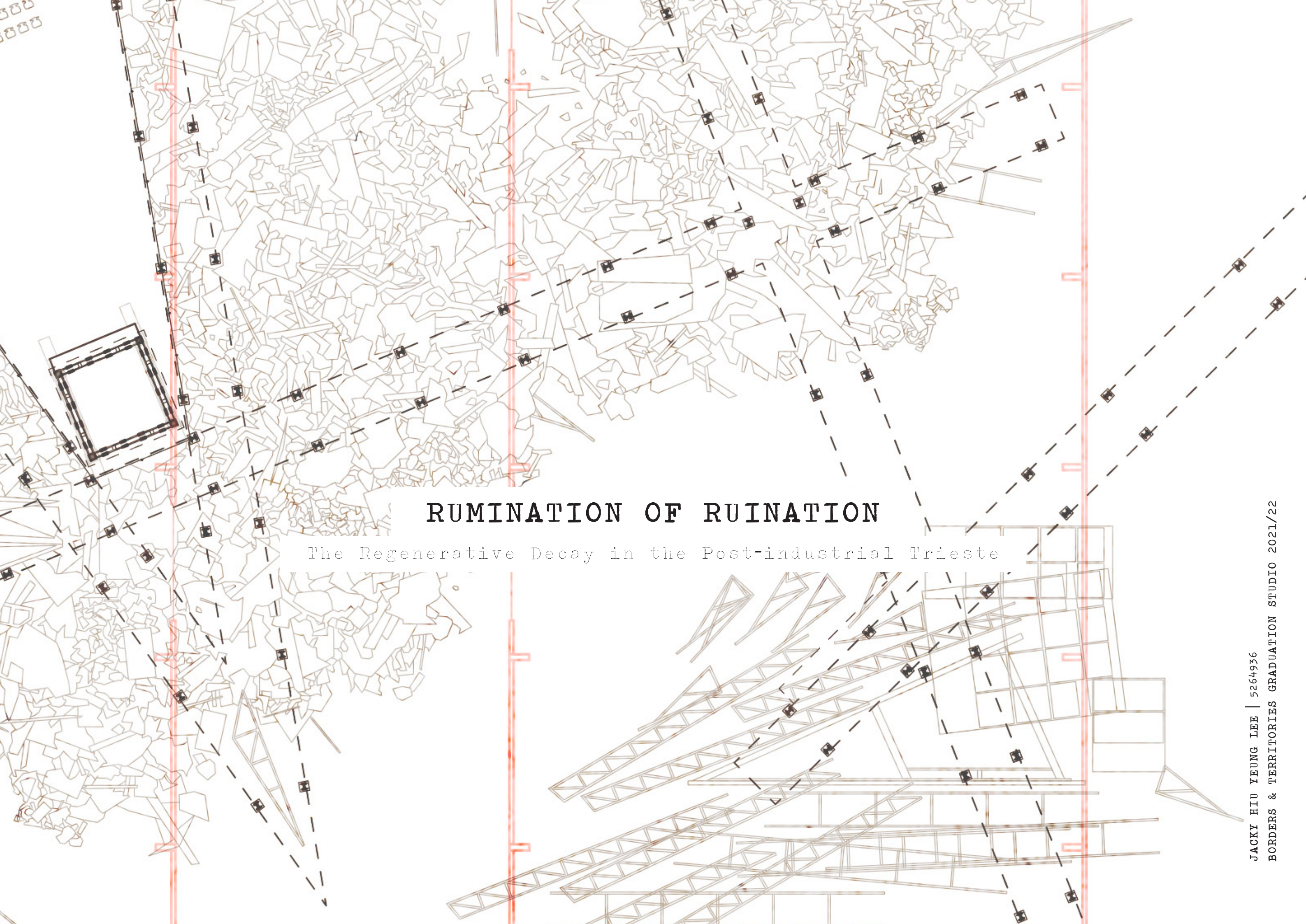




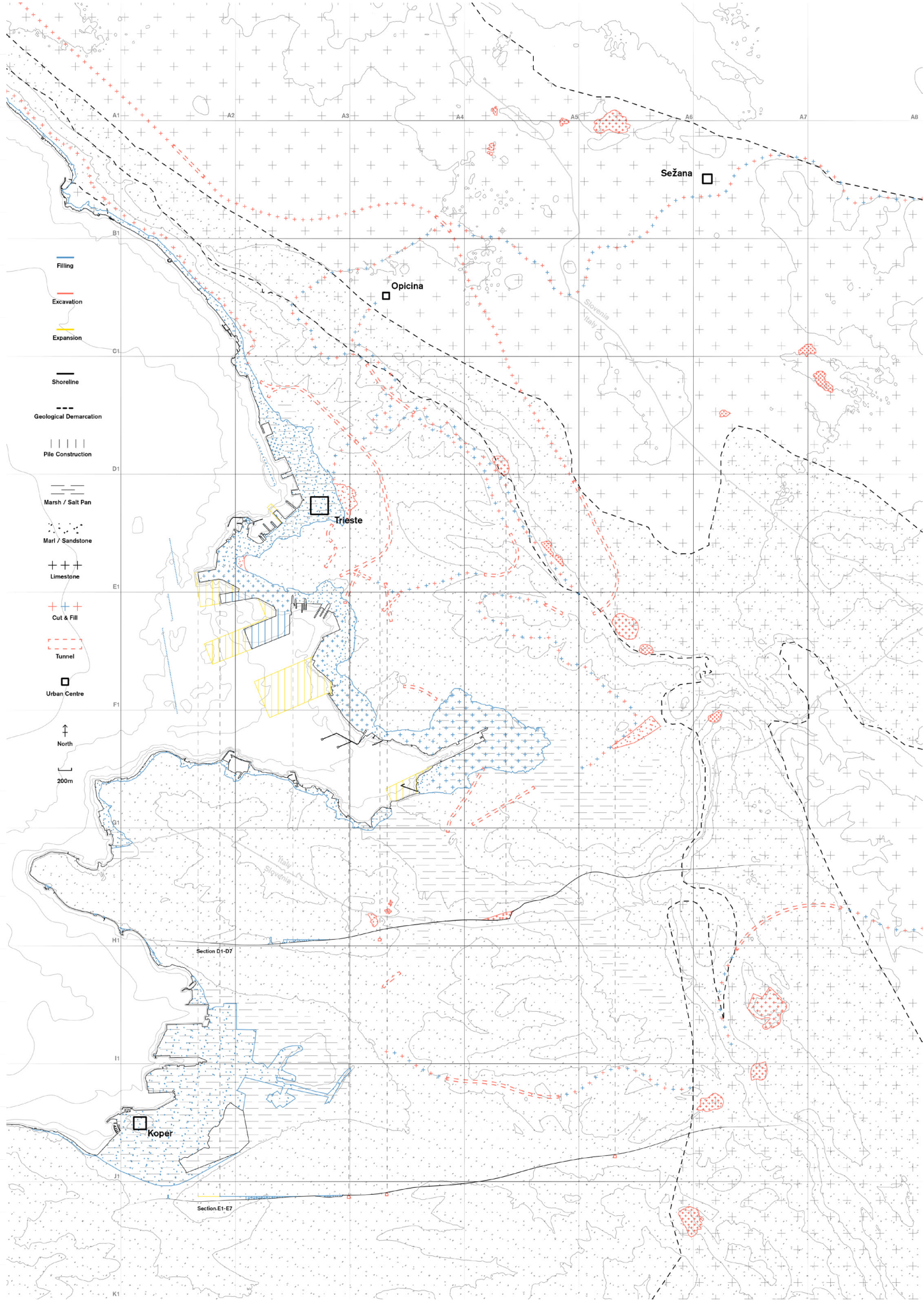
RUMINATION OF RUINATION

The Regenerative Decay in the Post-industrial Trieste



INTRODUCTION

The Meanings of Decay for Trieste







to decay

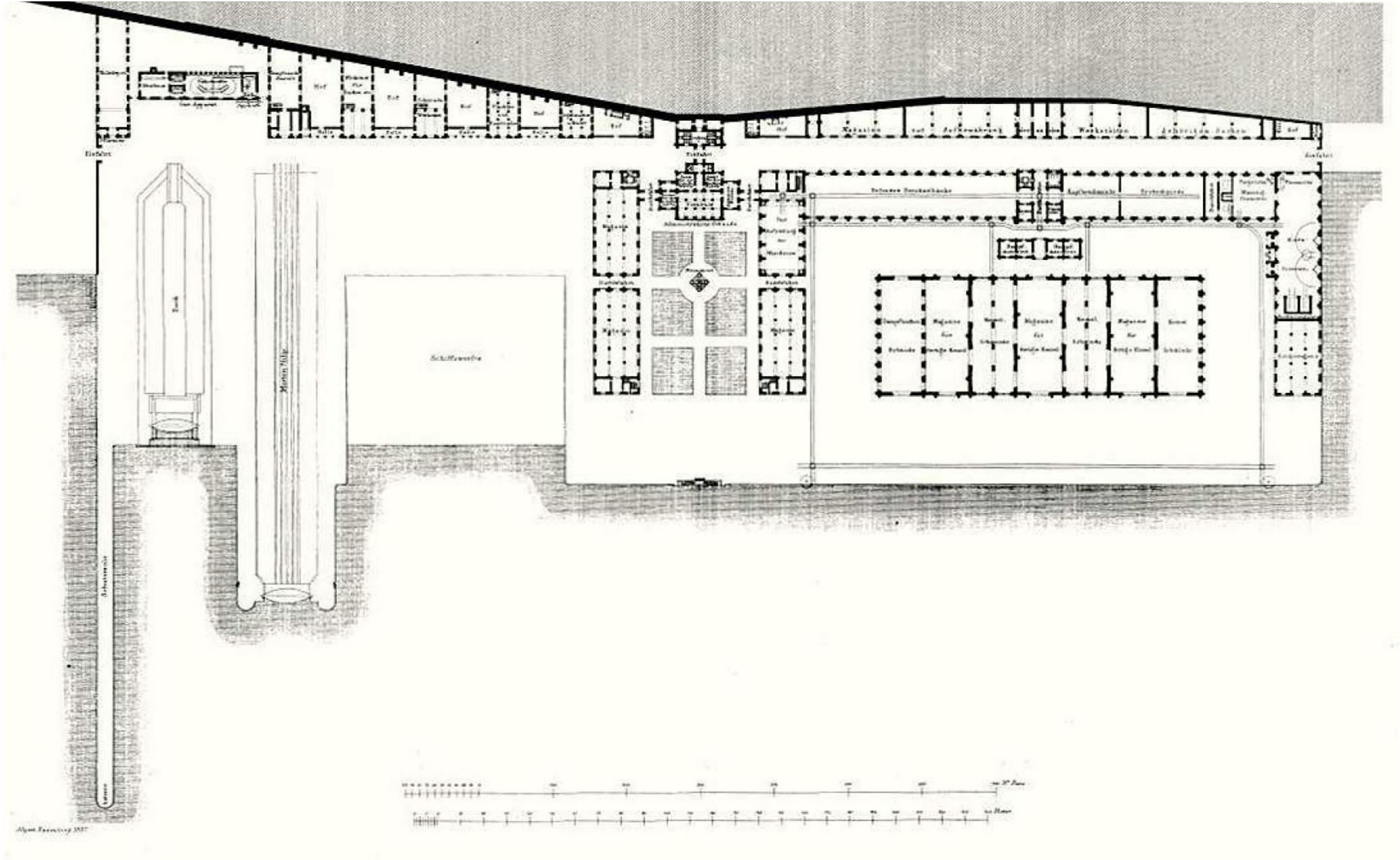
to weather / to corrode / to dissolve / to lessen / to dwindle /
to worsen / to rot / to rust / to degrade / to deteriorate
to collapse / to scatter / to fragment / to twist / to bend / to lean /
to break / to damage / to destroy / to deconstruct / to demolish / to disappear

to disintegrate / to decompose / to degenerate /

to reflect / liberate from the state of disability to disappear

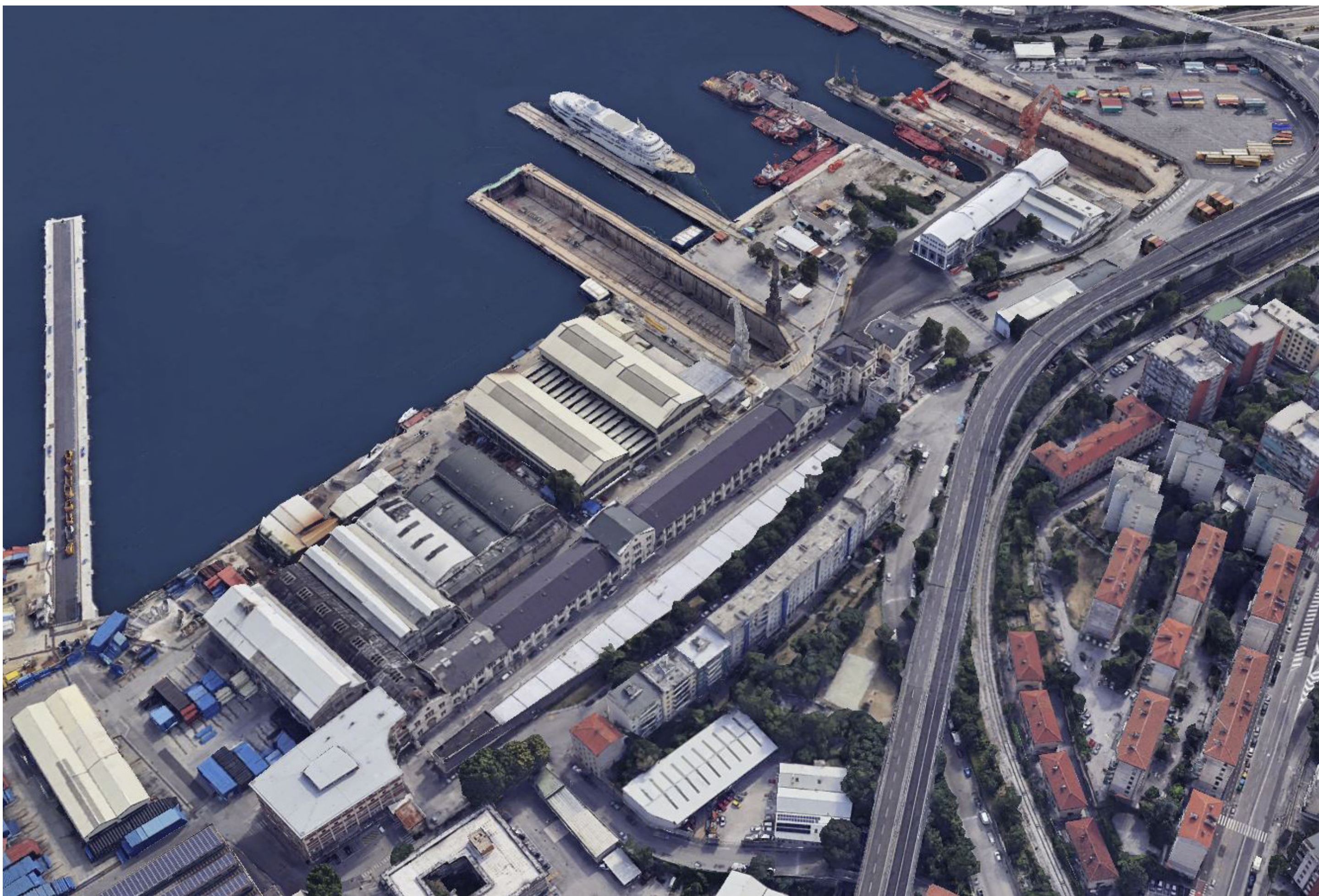
to return / to recreate /

to reuse / to recompose / to regenerate



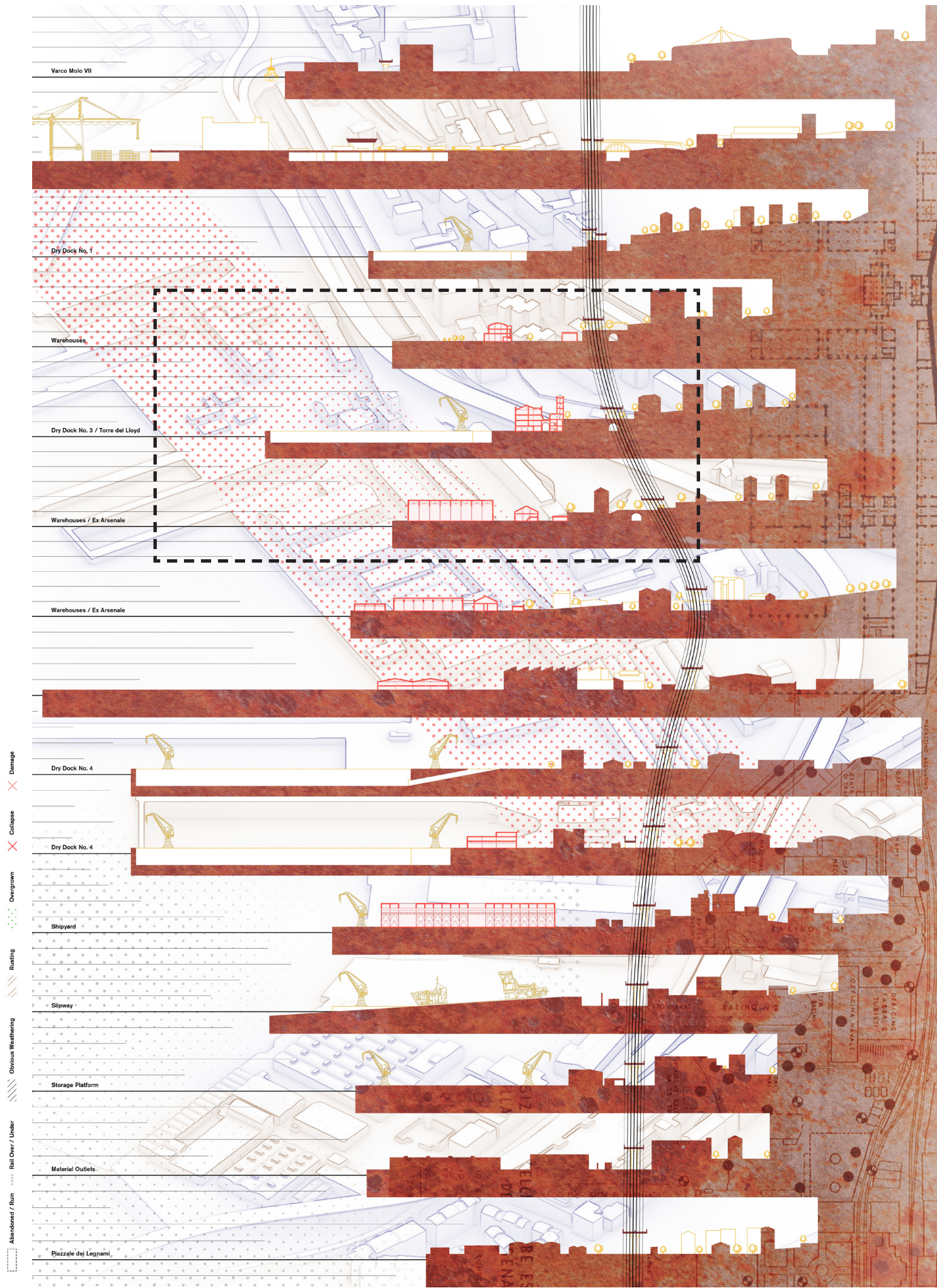
SITE

The Ex Arsenale of Trieste

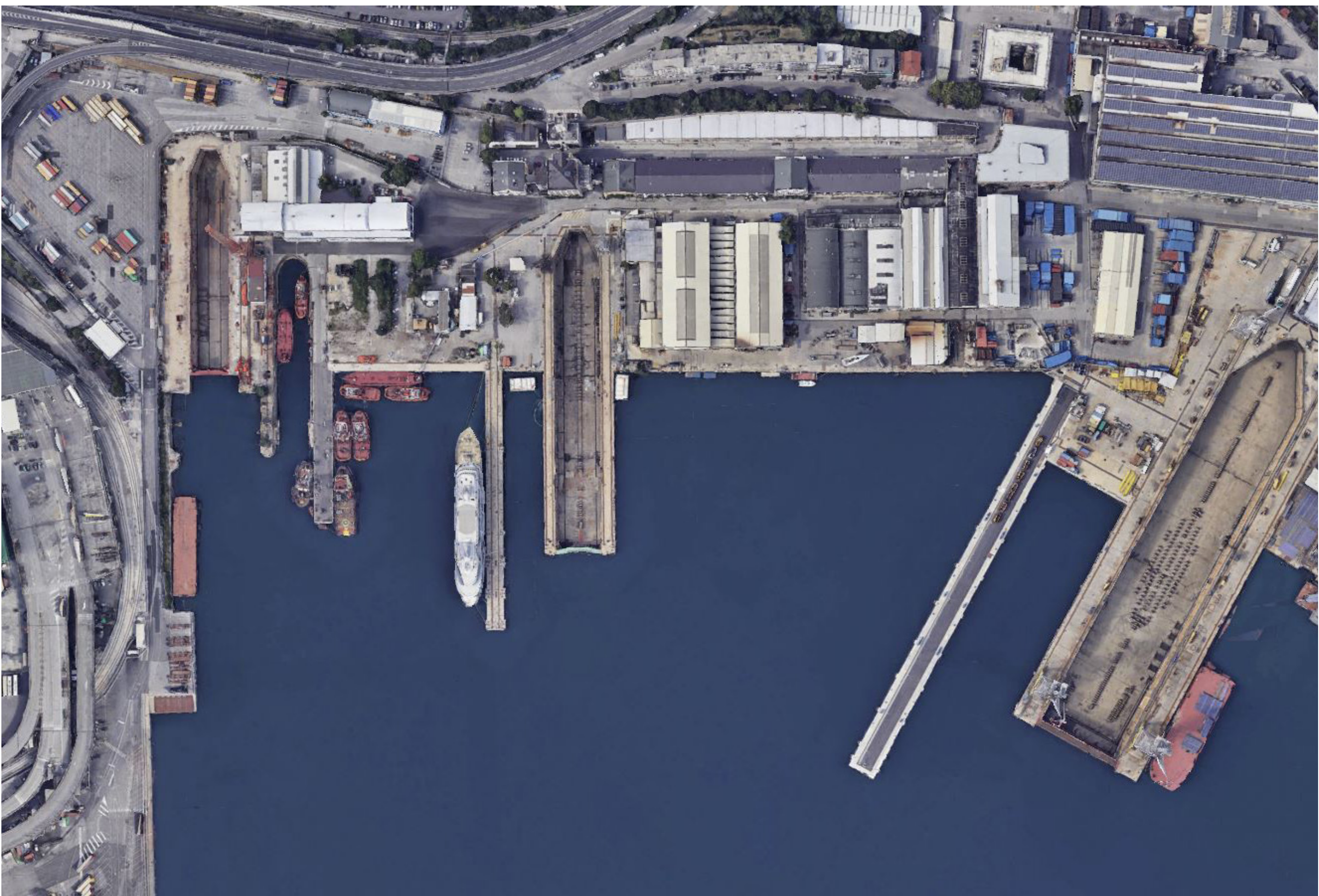


SITE

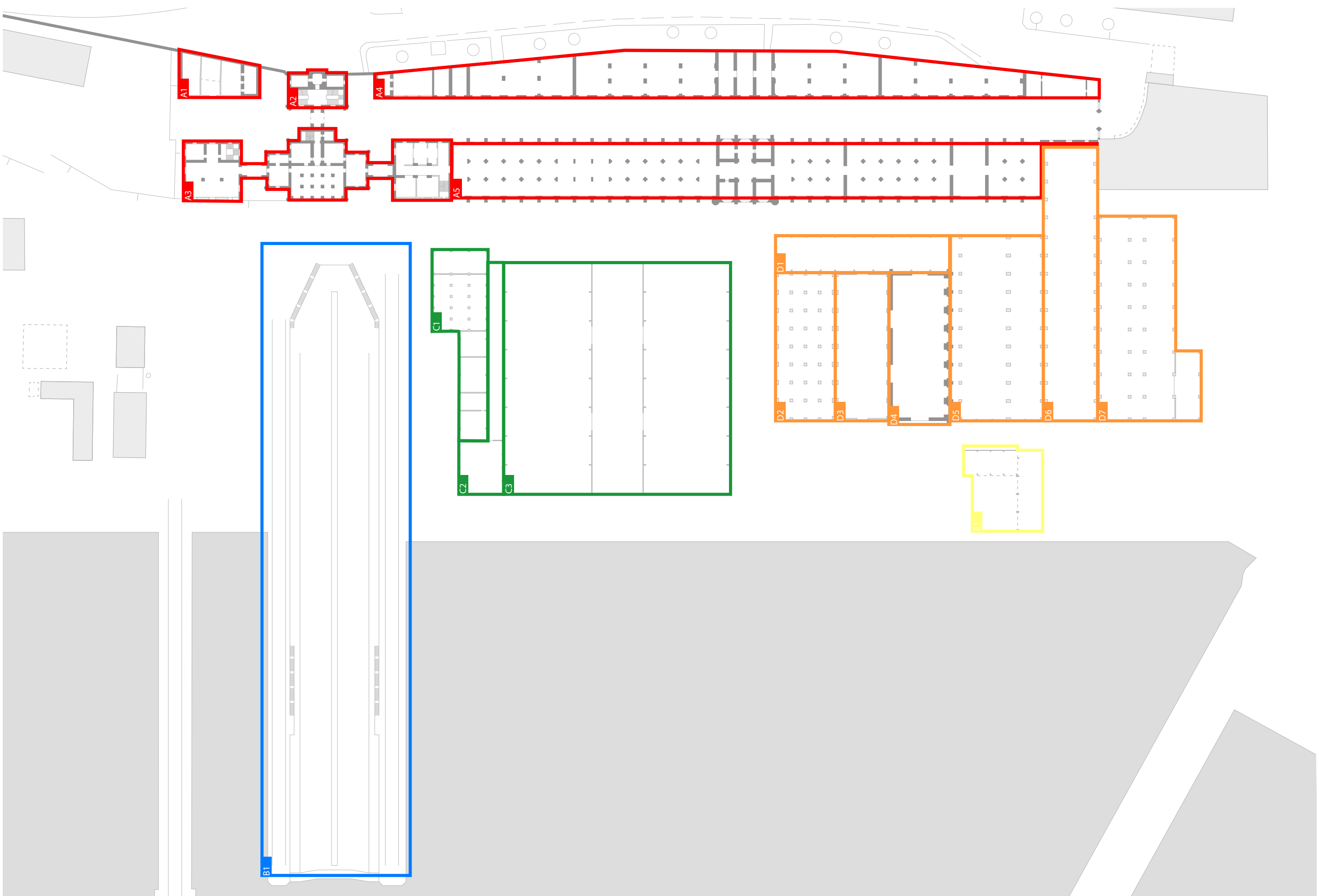
- Industrial
- Administrative
- Commercial
- Residential
- Public Service



ABANDONMENT, DECAY & ISOLATION

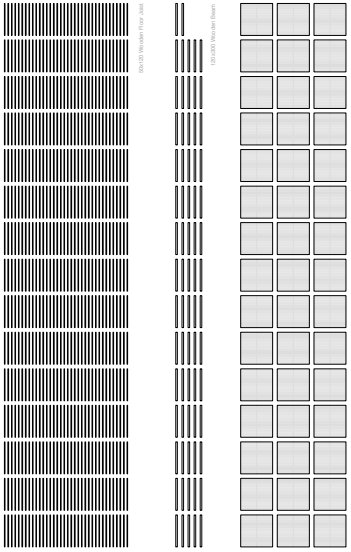


SITE

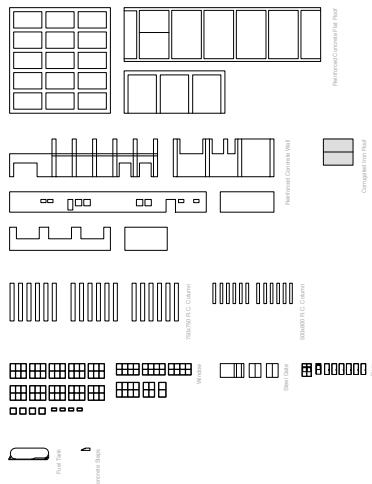


SITE DEMARCATION

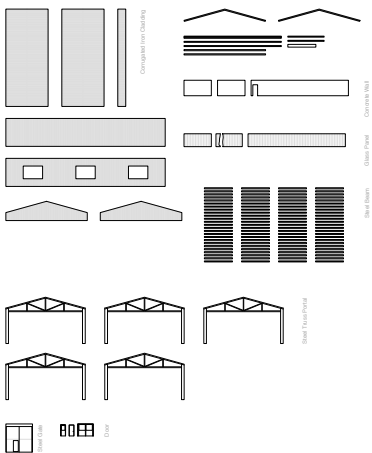
A5



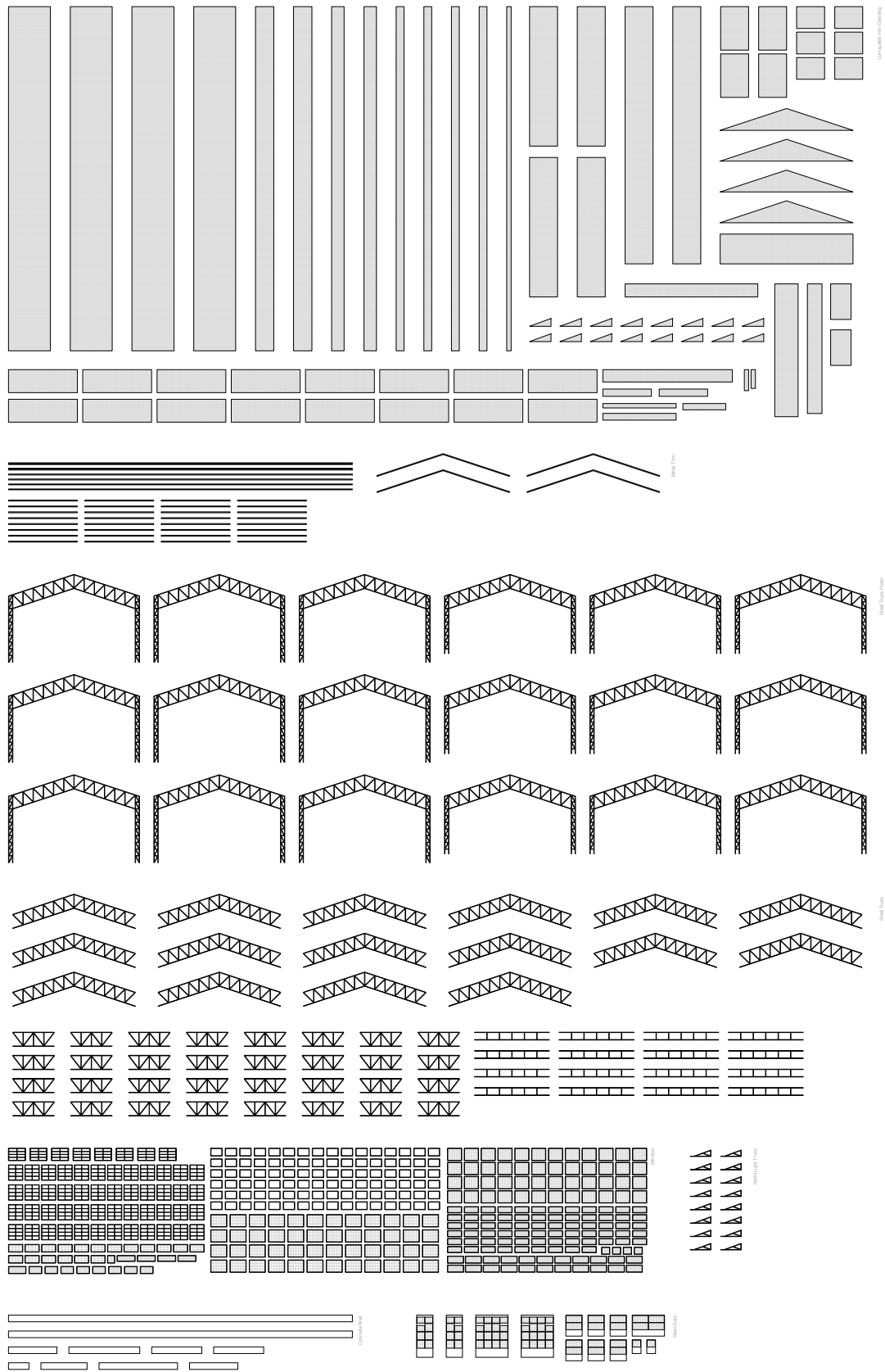
C1



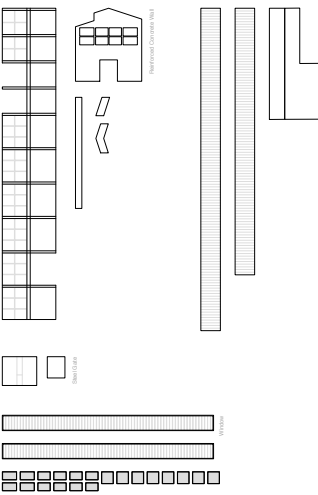
C2



C3



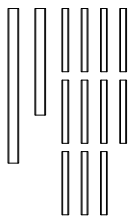
D1



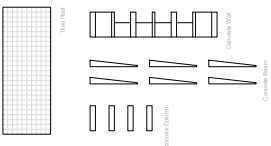
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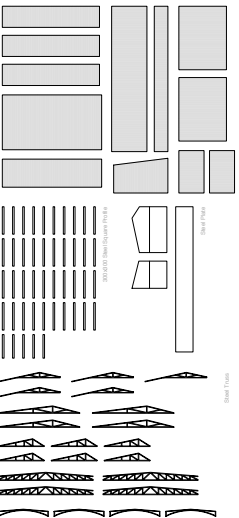
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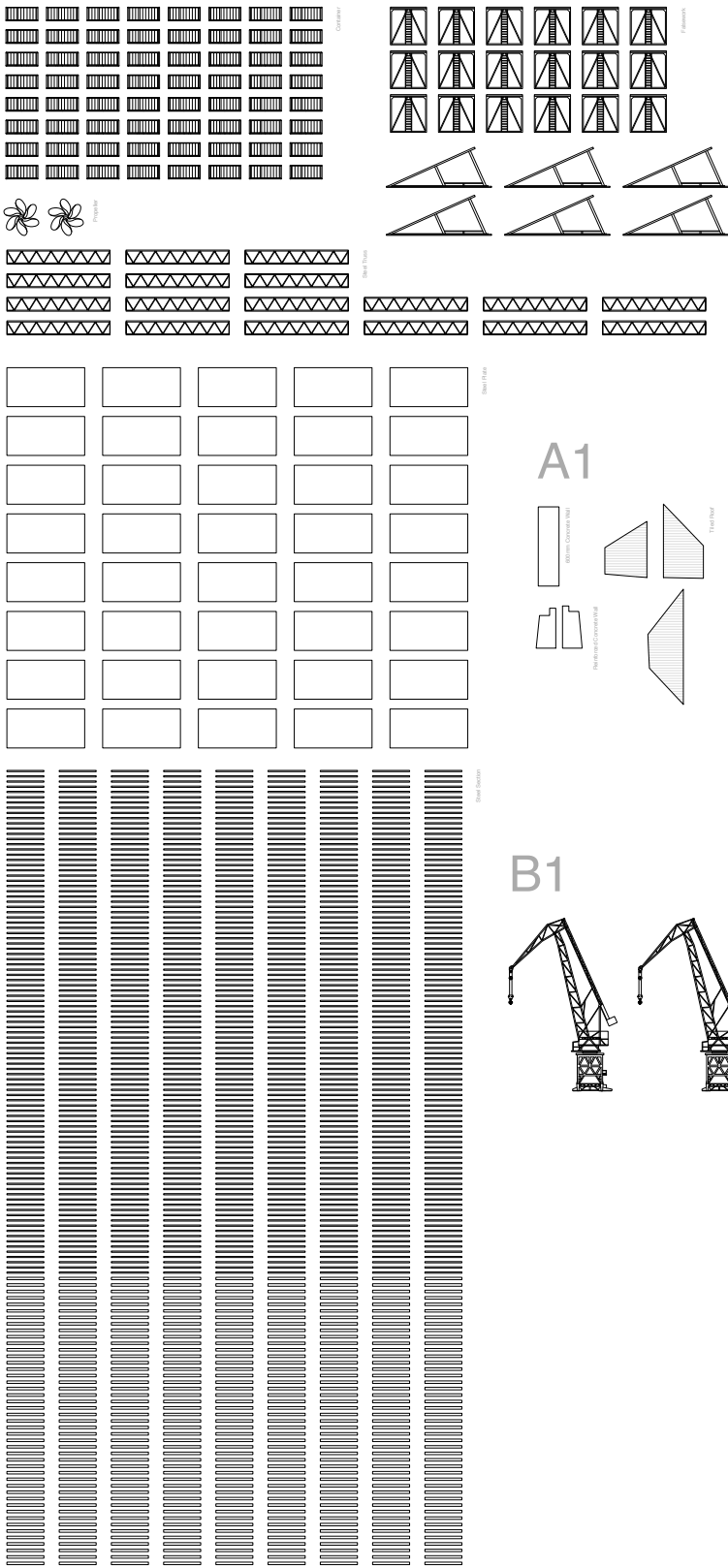
D7



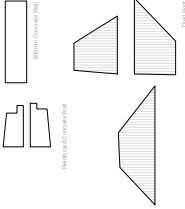
E1



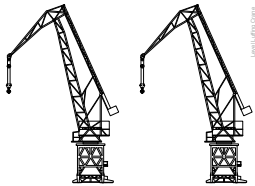
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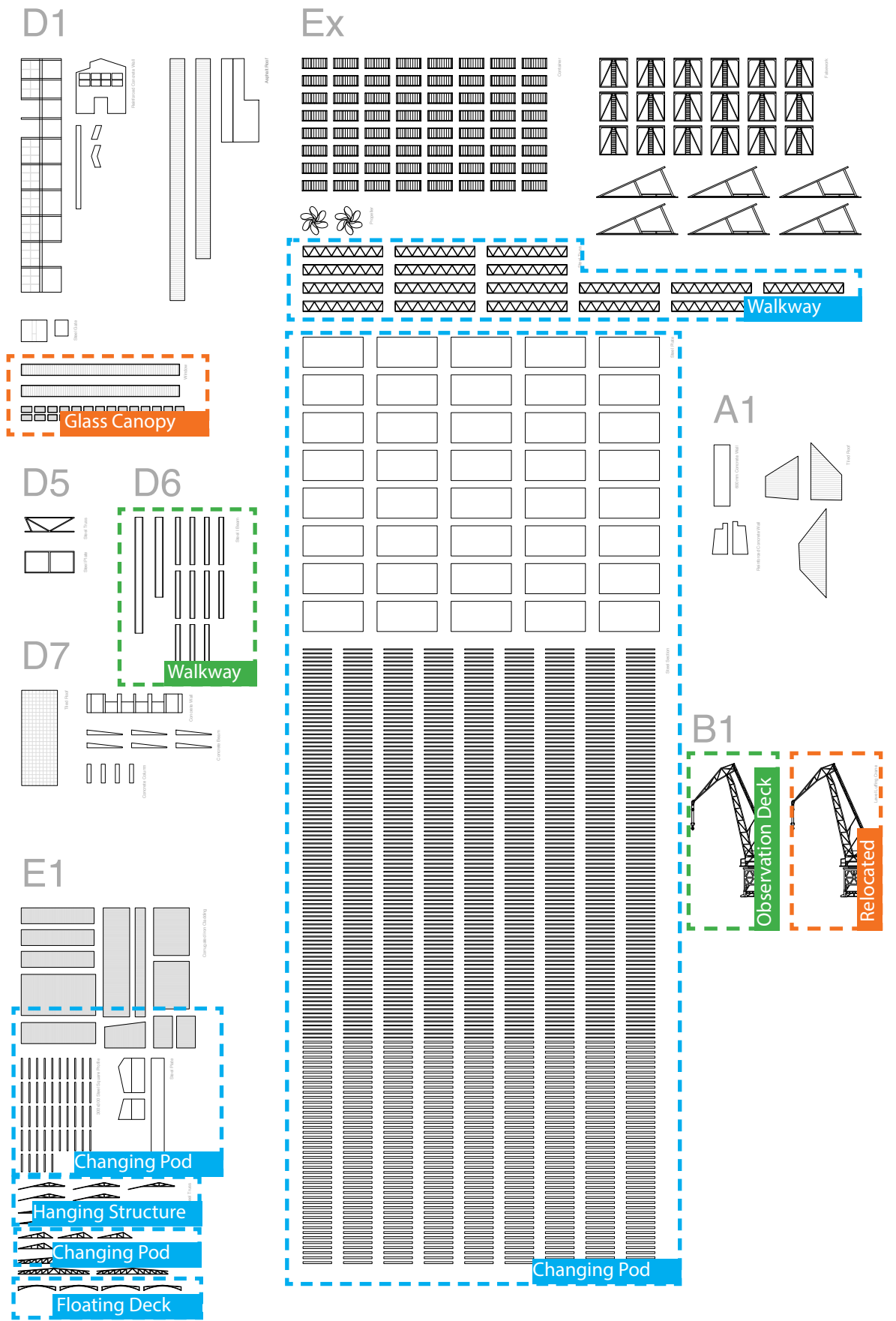
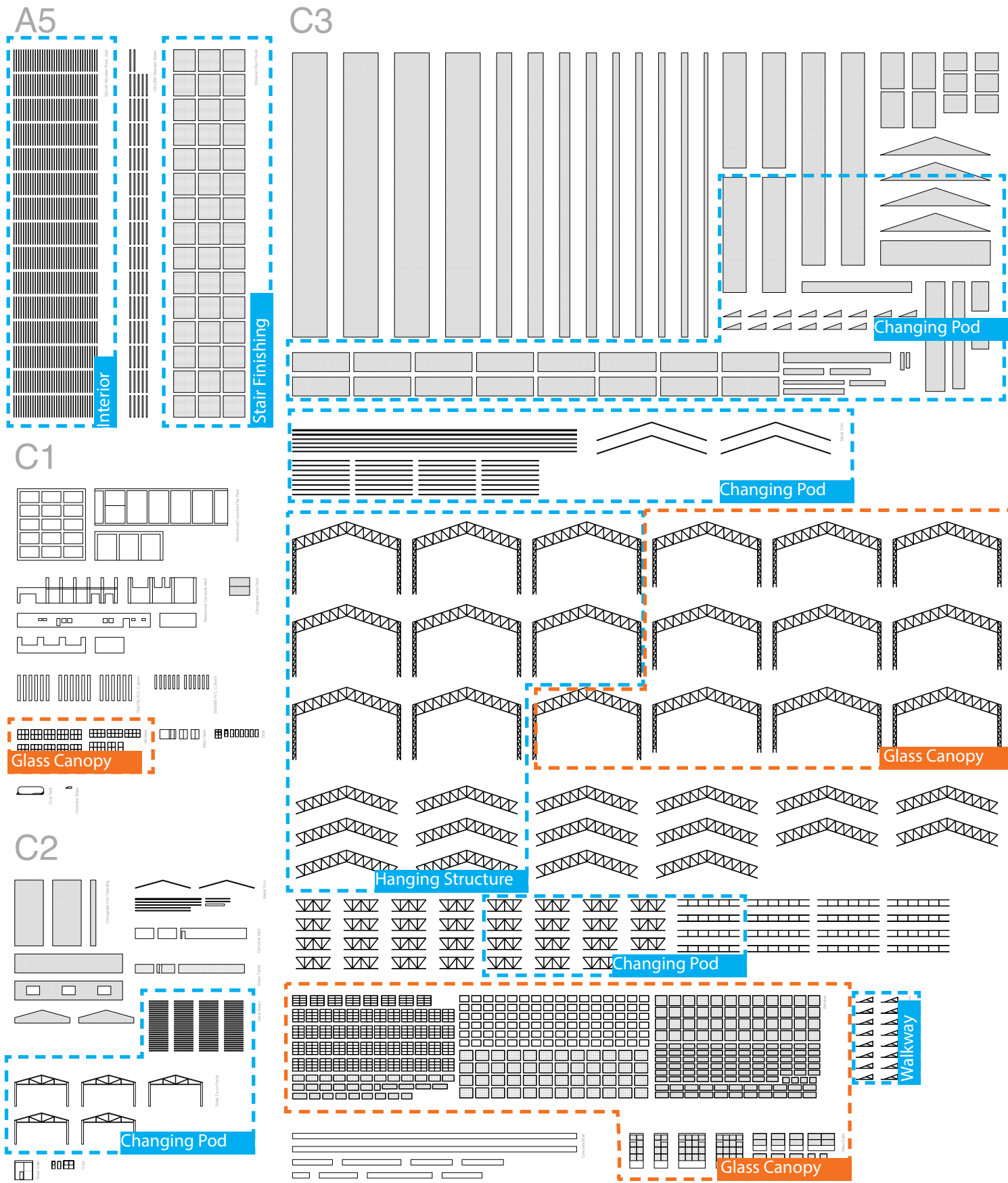


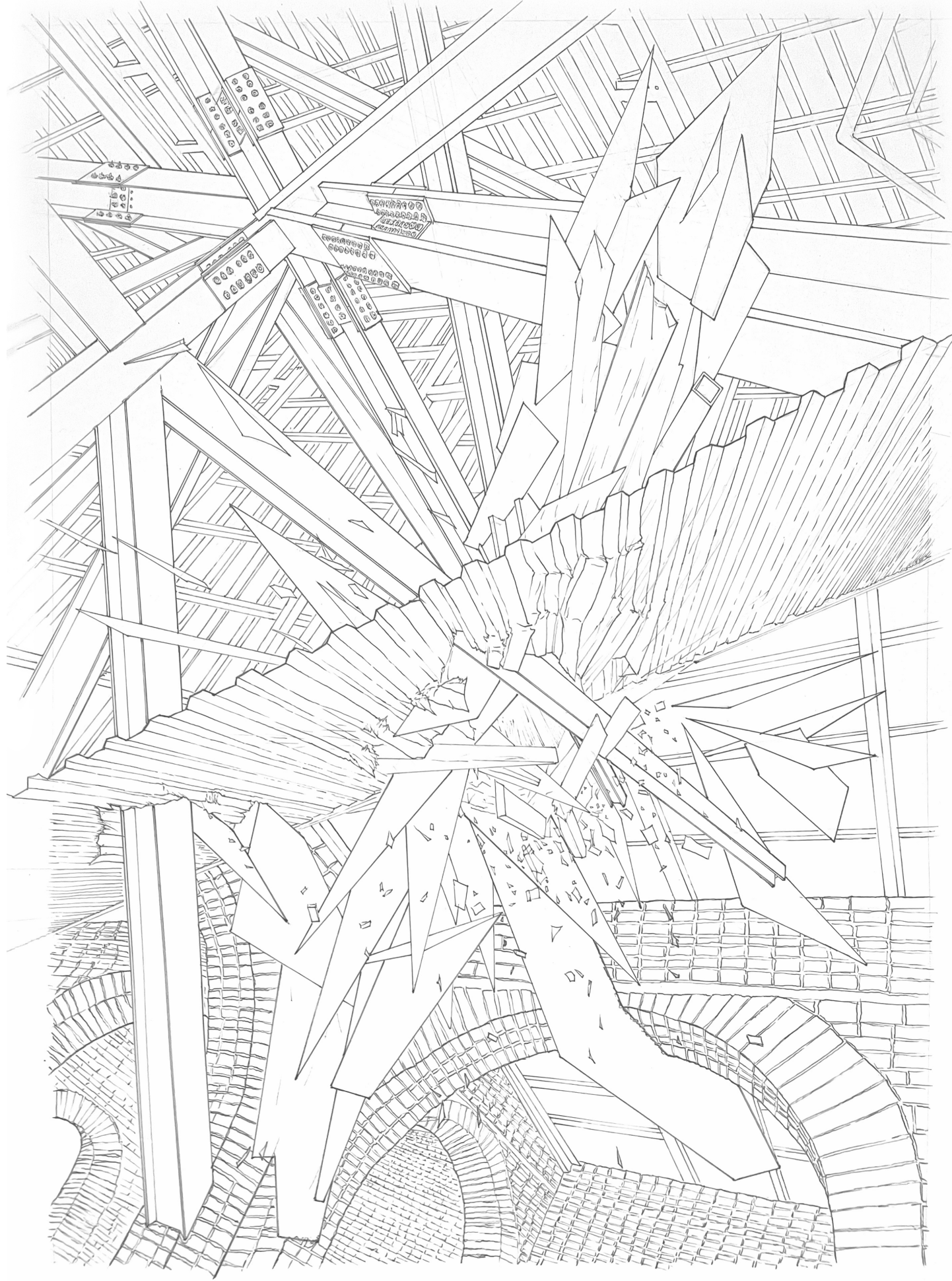
A1



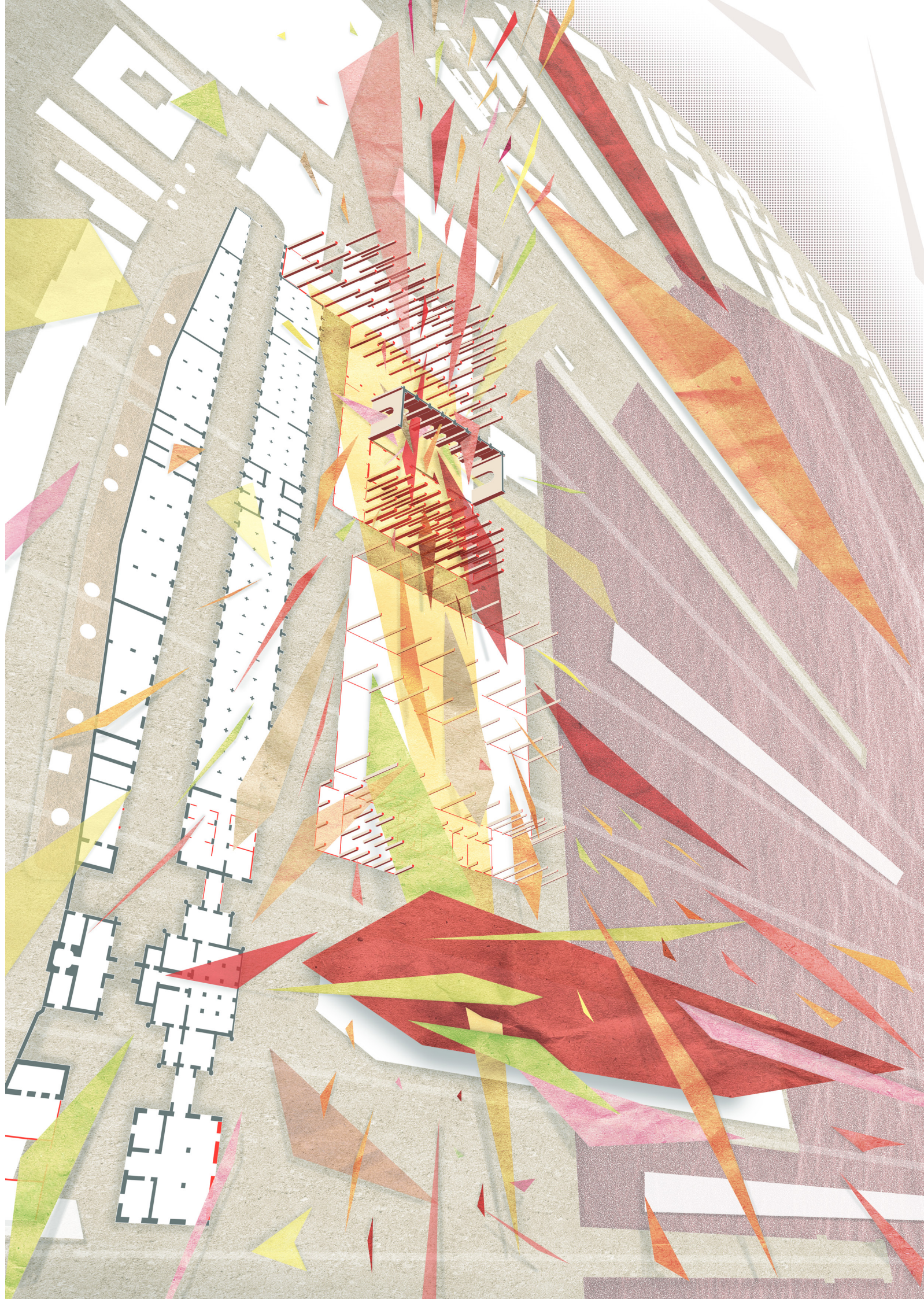
B1









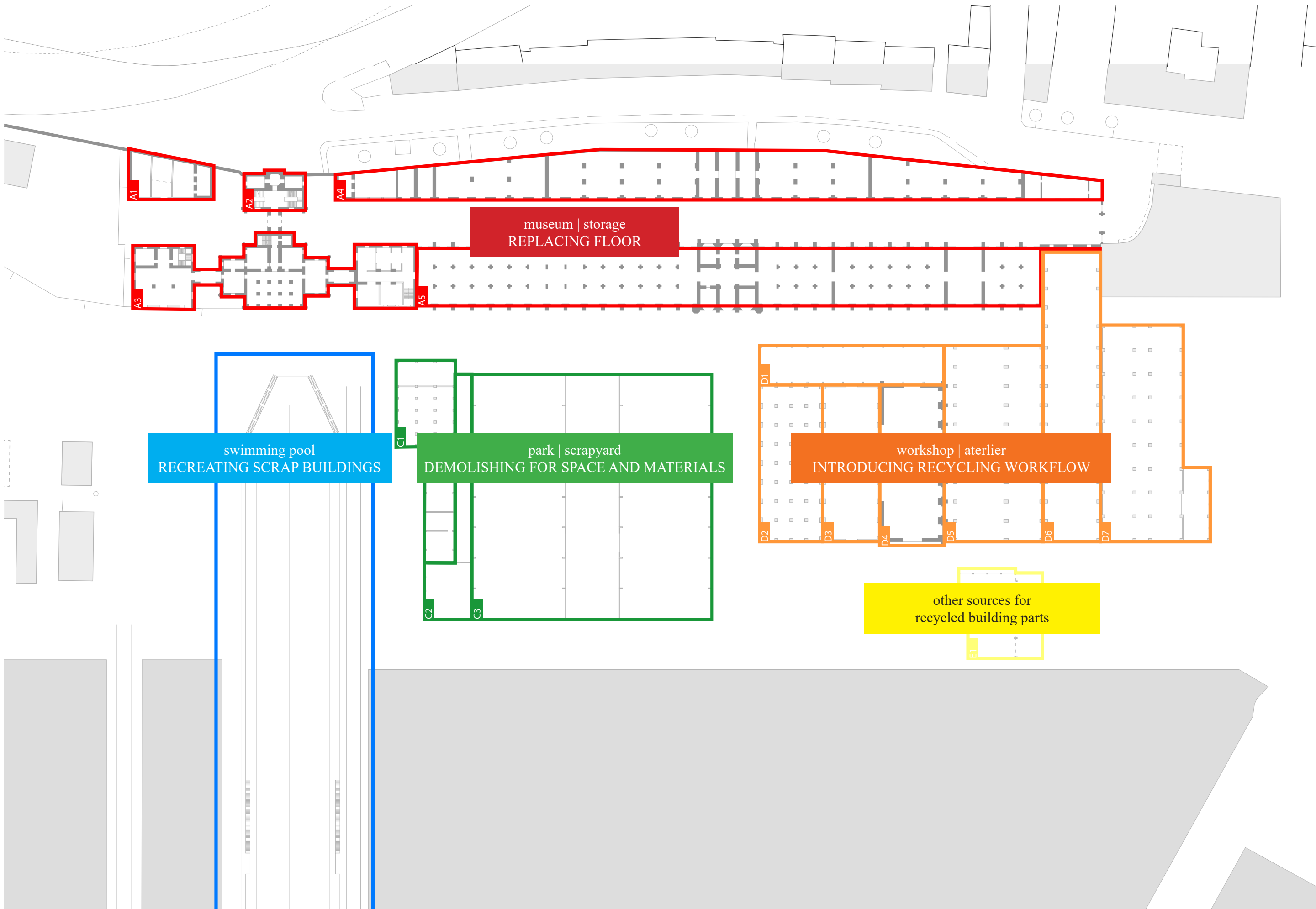


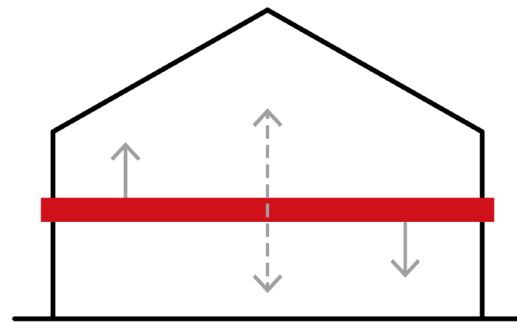


(Ref. Verbeke Foundation)

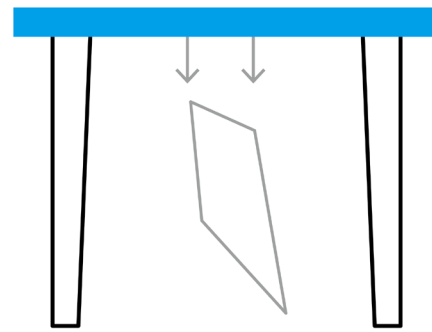
PROGRAMME

Public Spaces Amid The Site for Reuse and Recycling

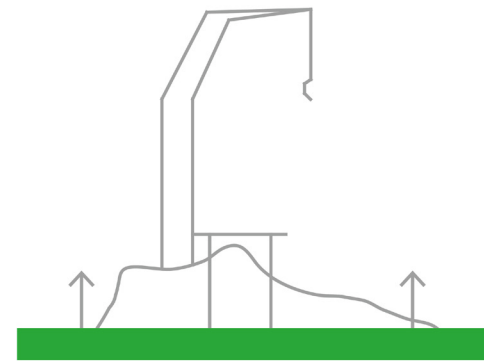




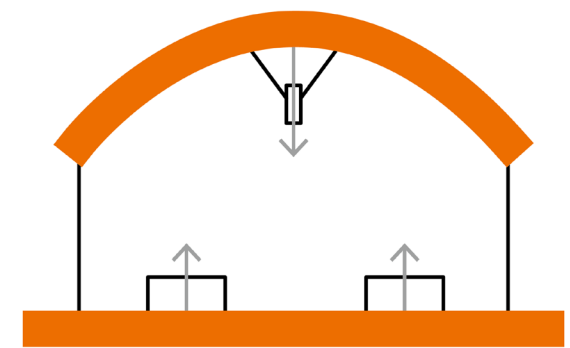
FLOOR



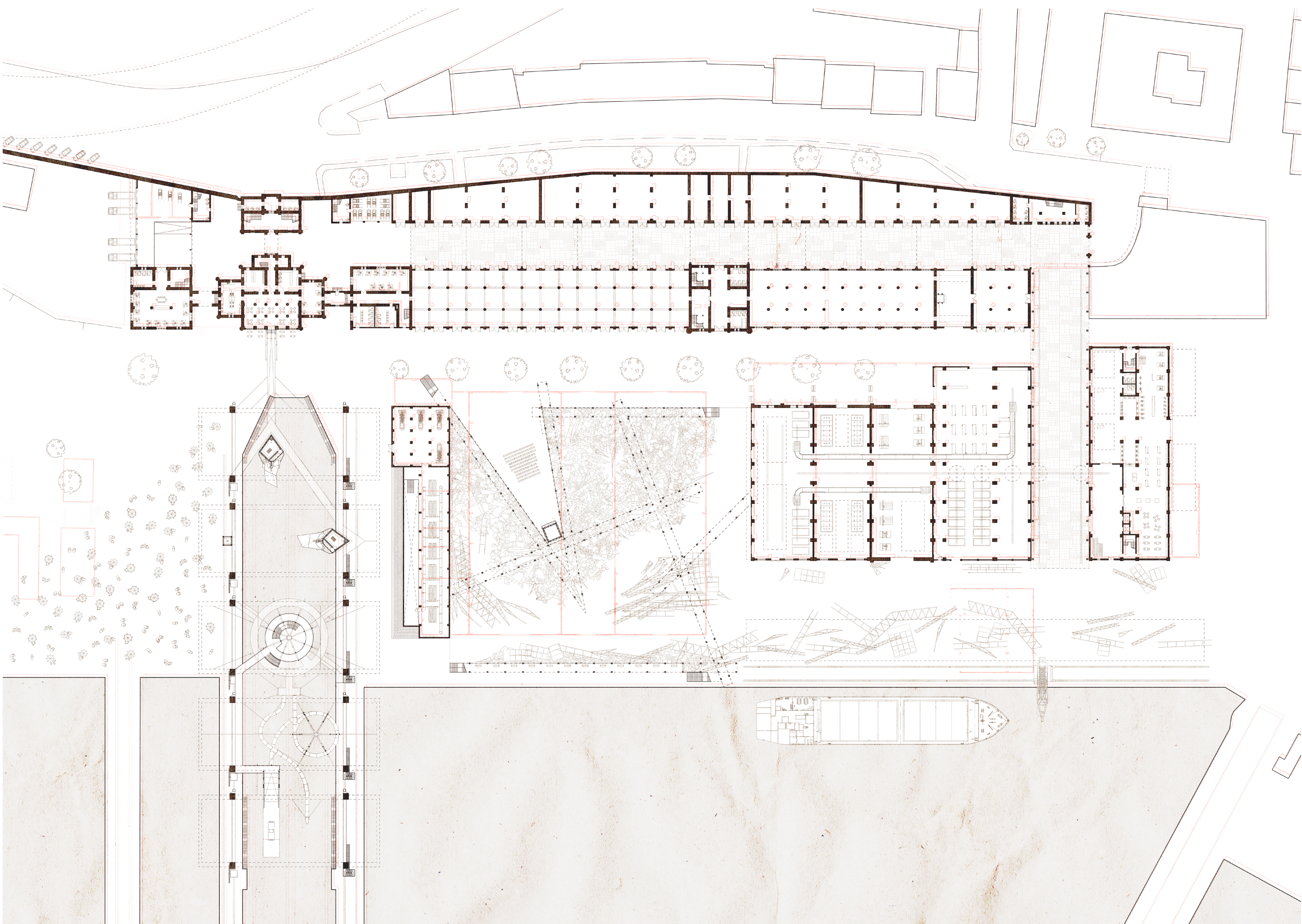
HANGING

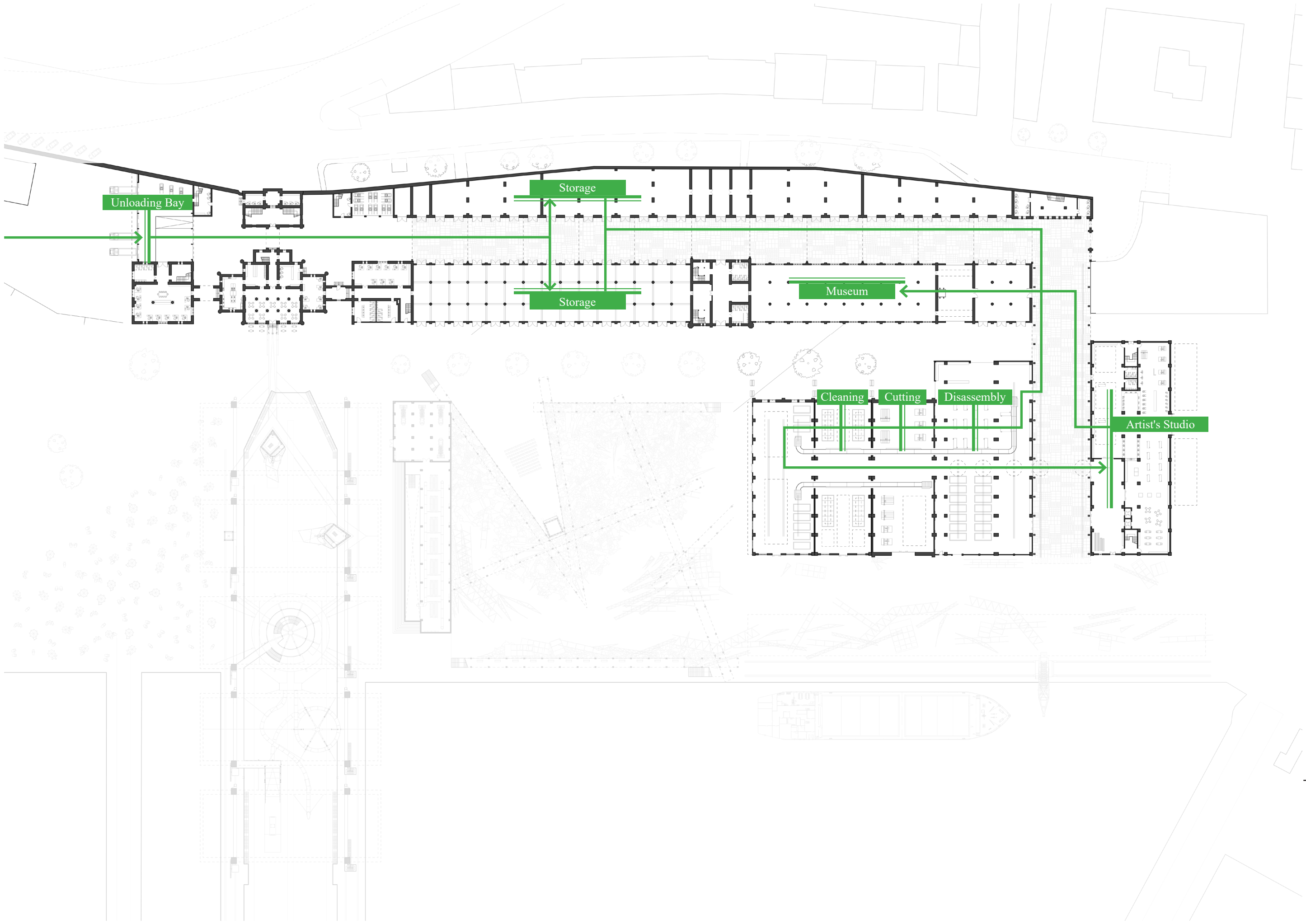


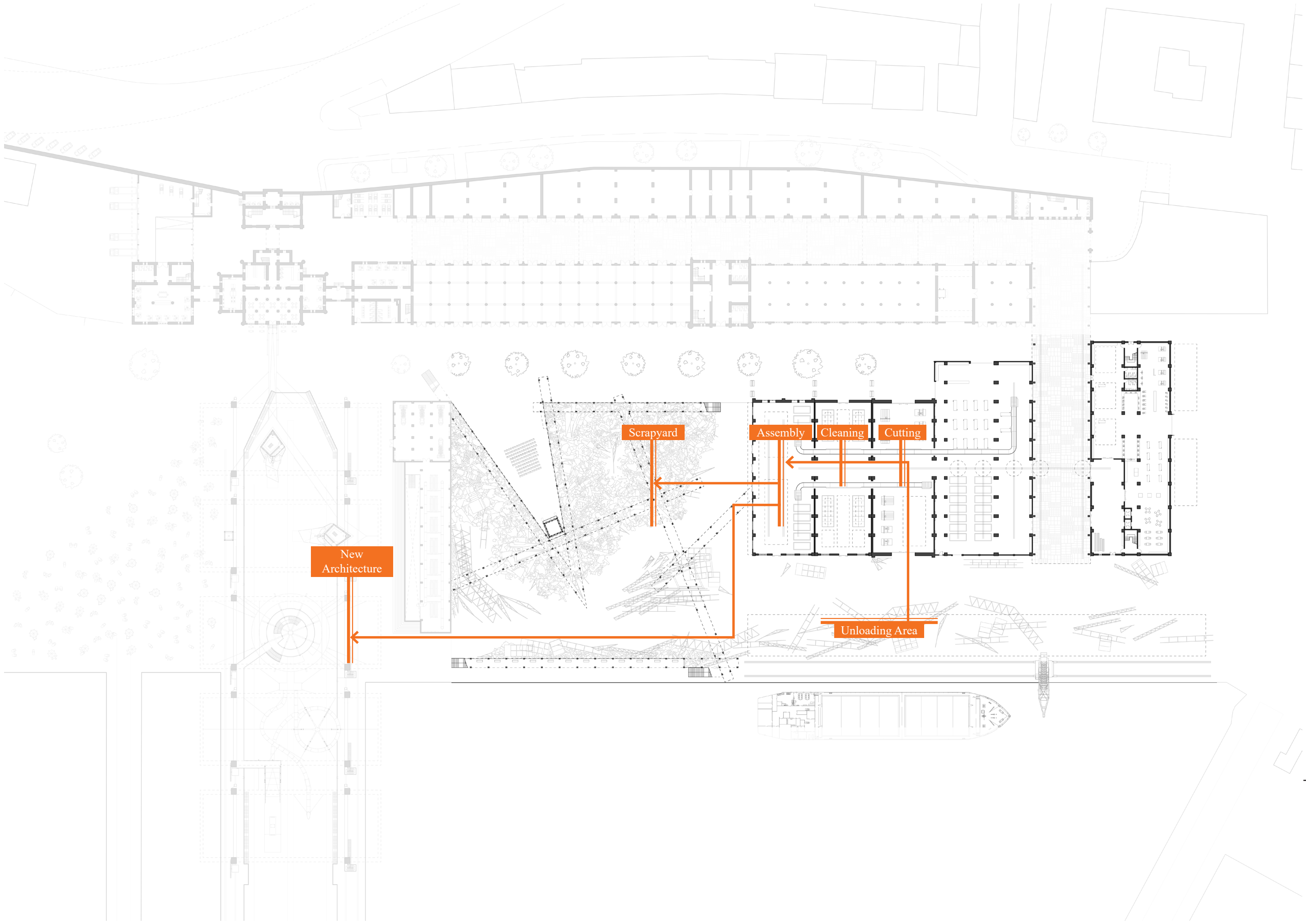
GROUND

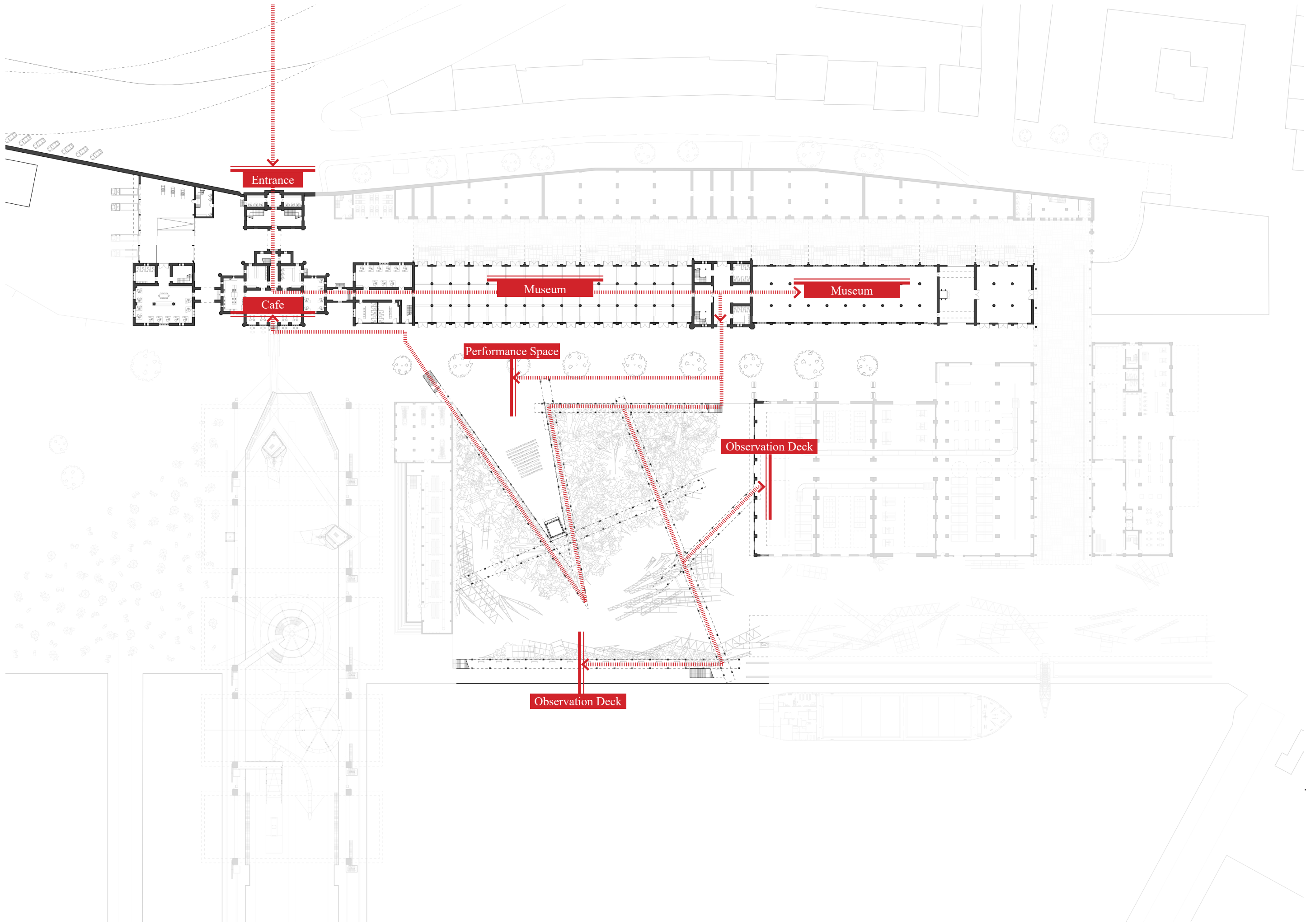


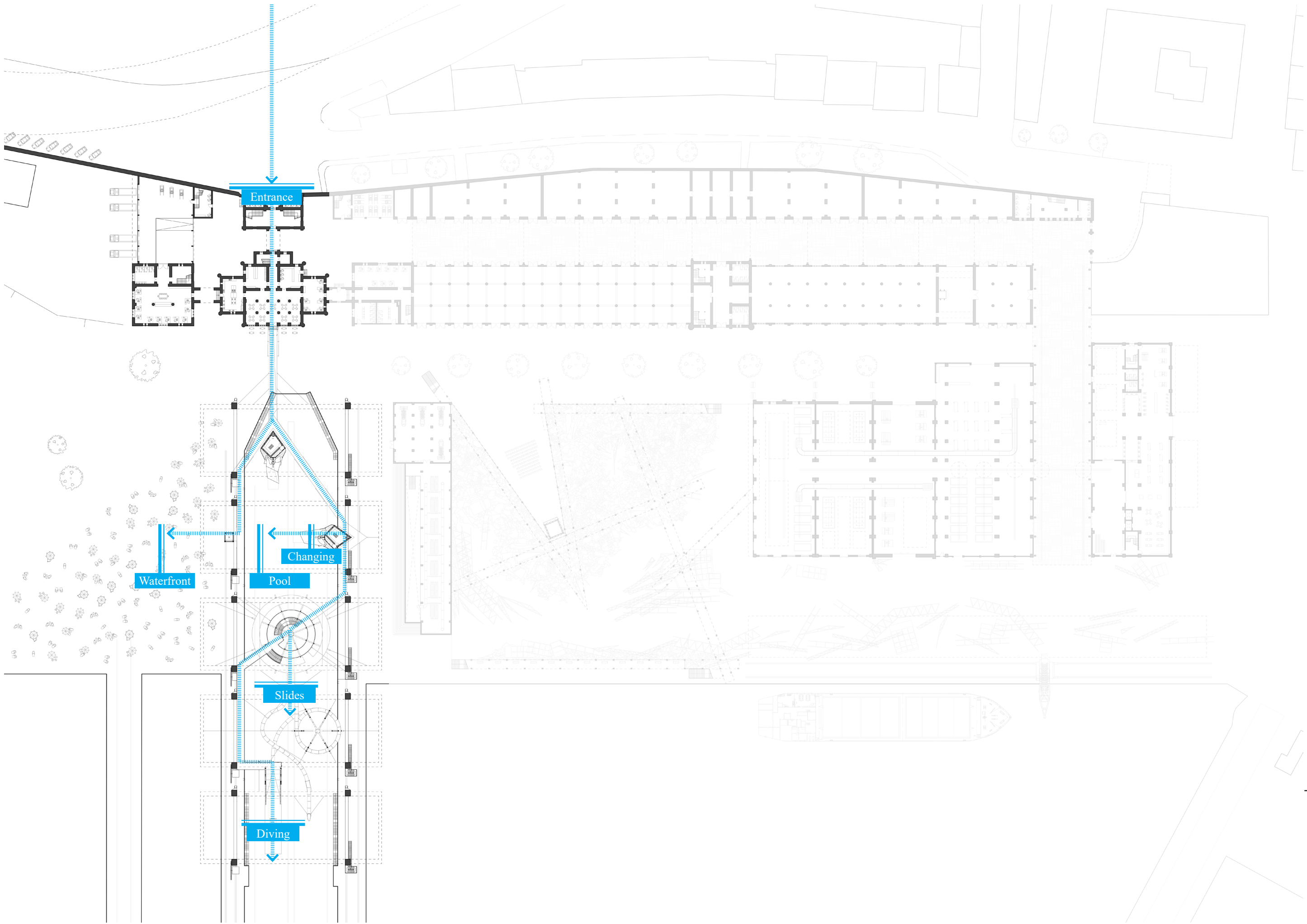
FLOOR & CEILING

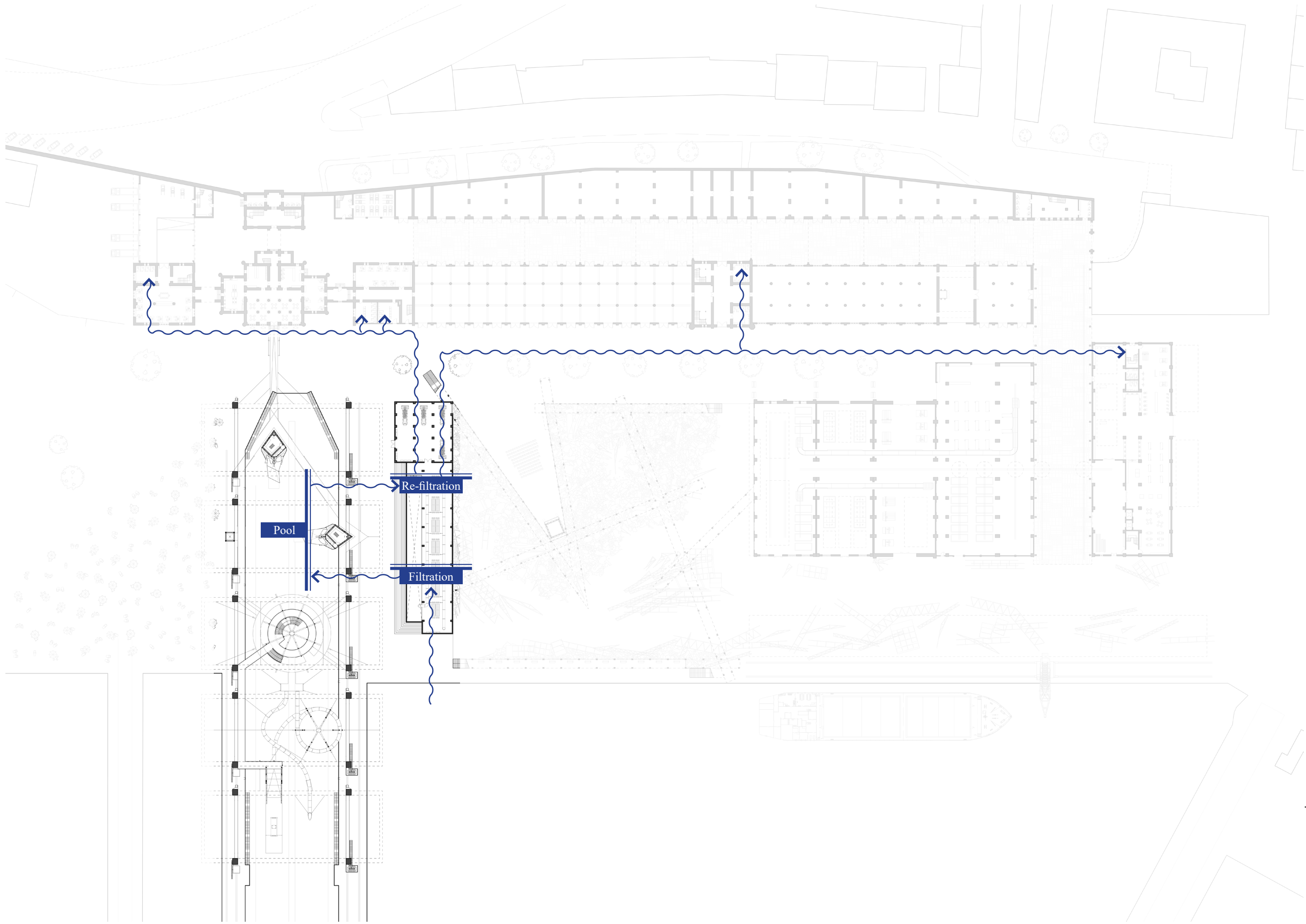




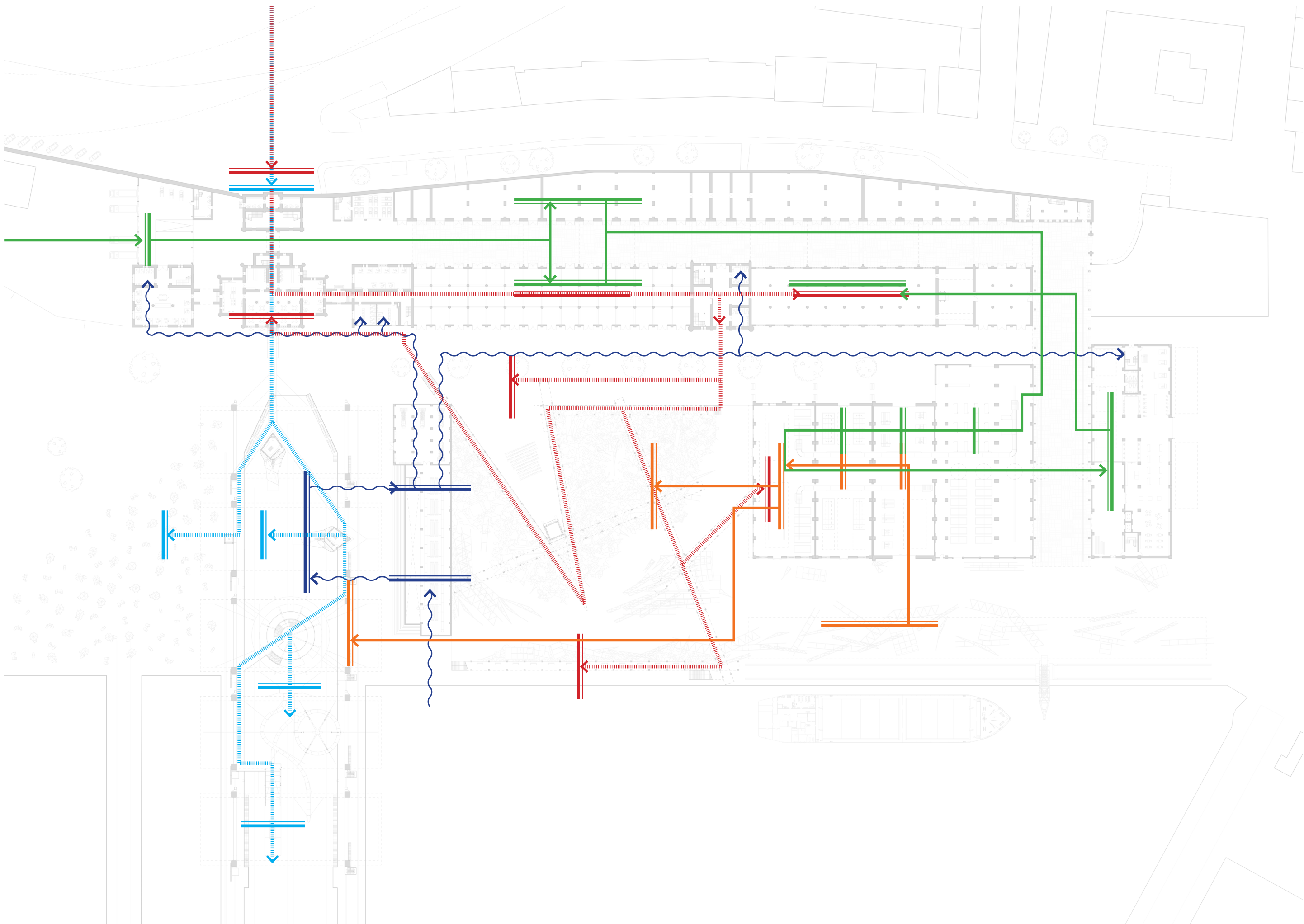




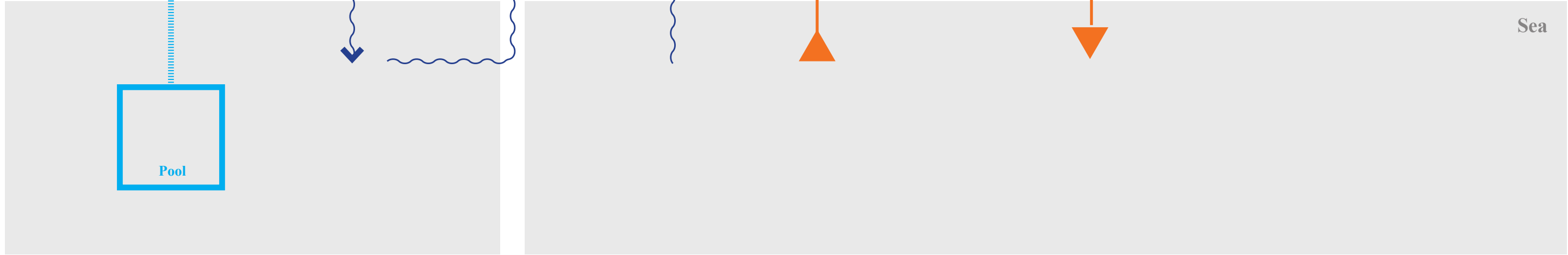




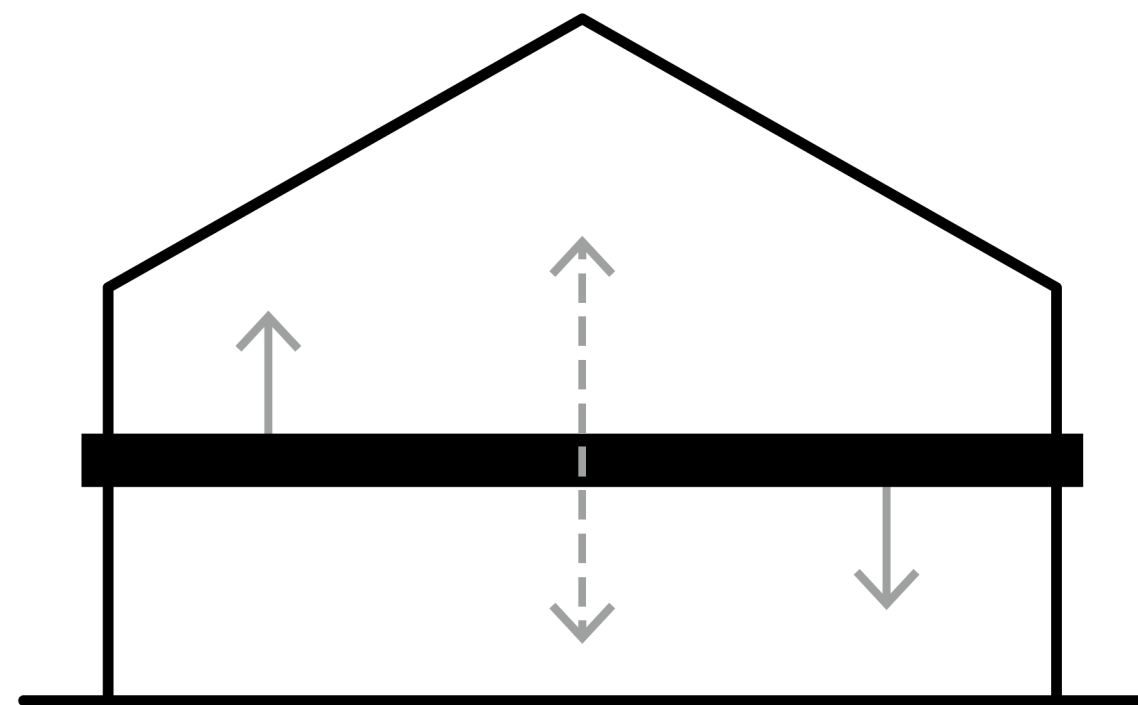
PROGRAMME



OVERALL FLOW

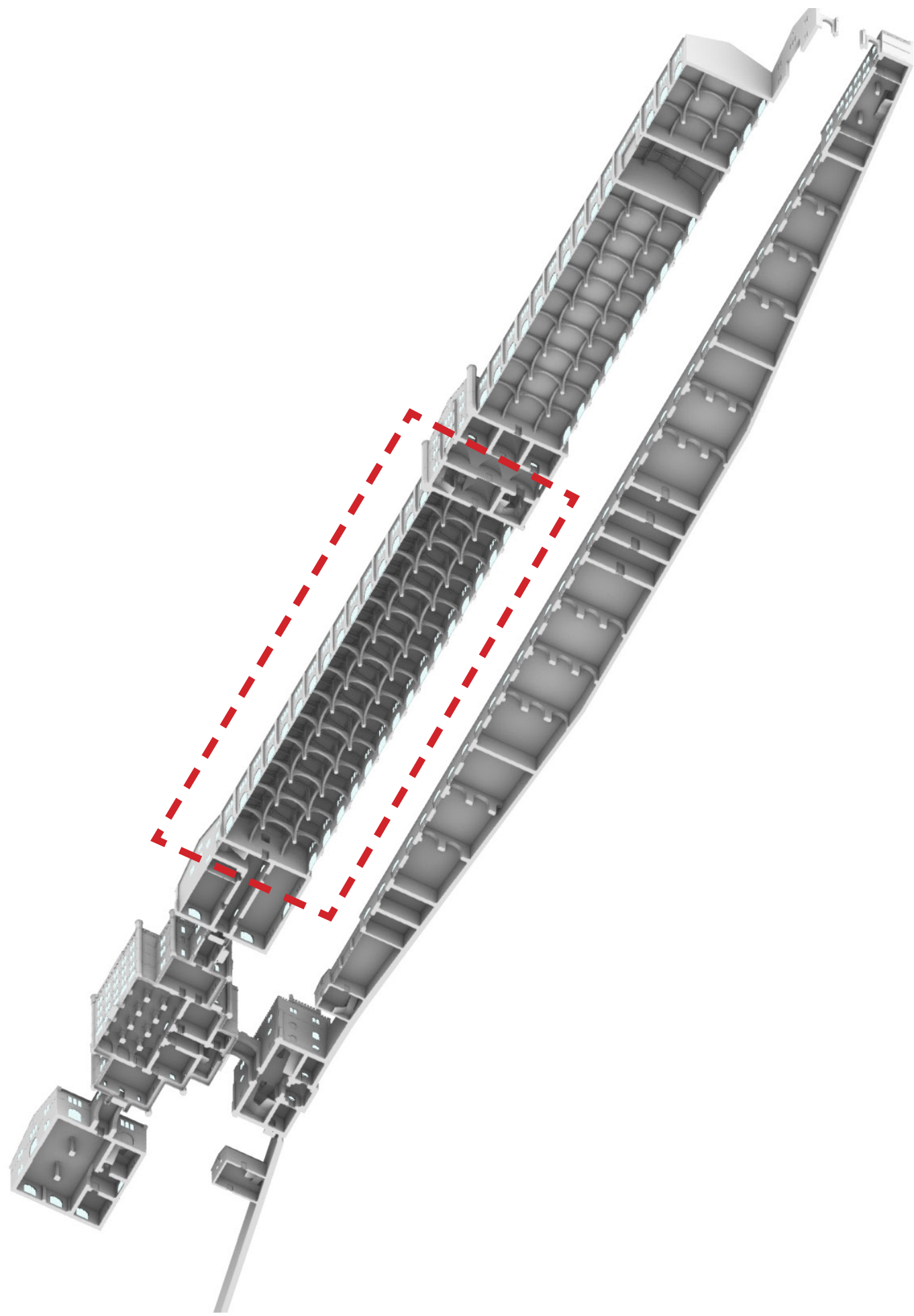


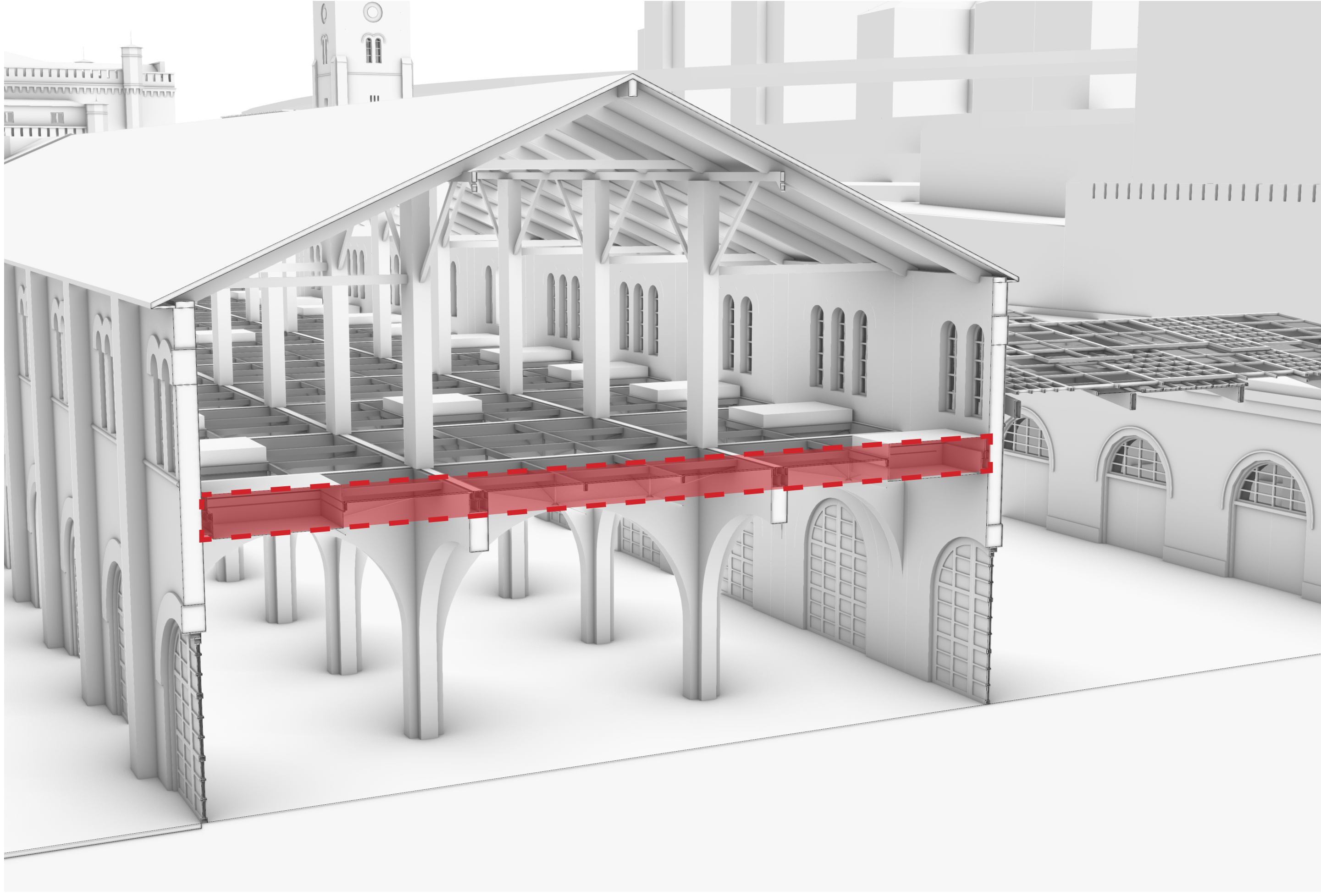
- Human Flow
- Museum
- Pool
- Material Flow
- Item
- Building Part
- Water Flow

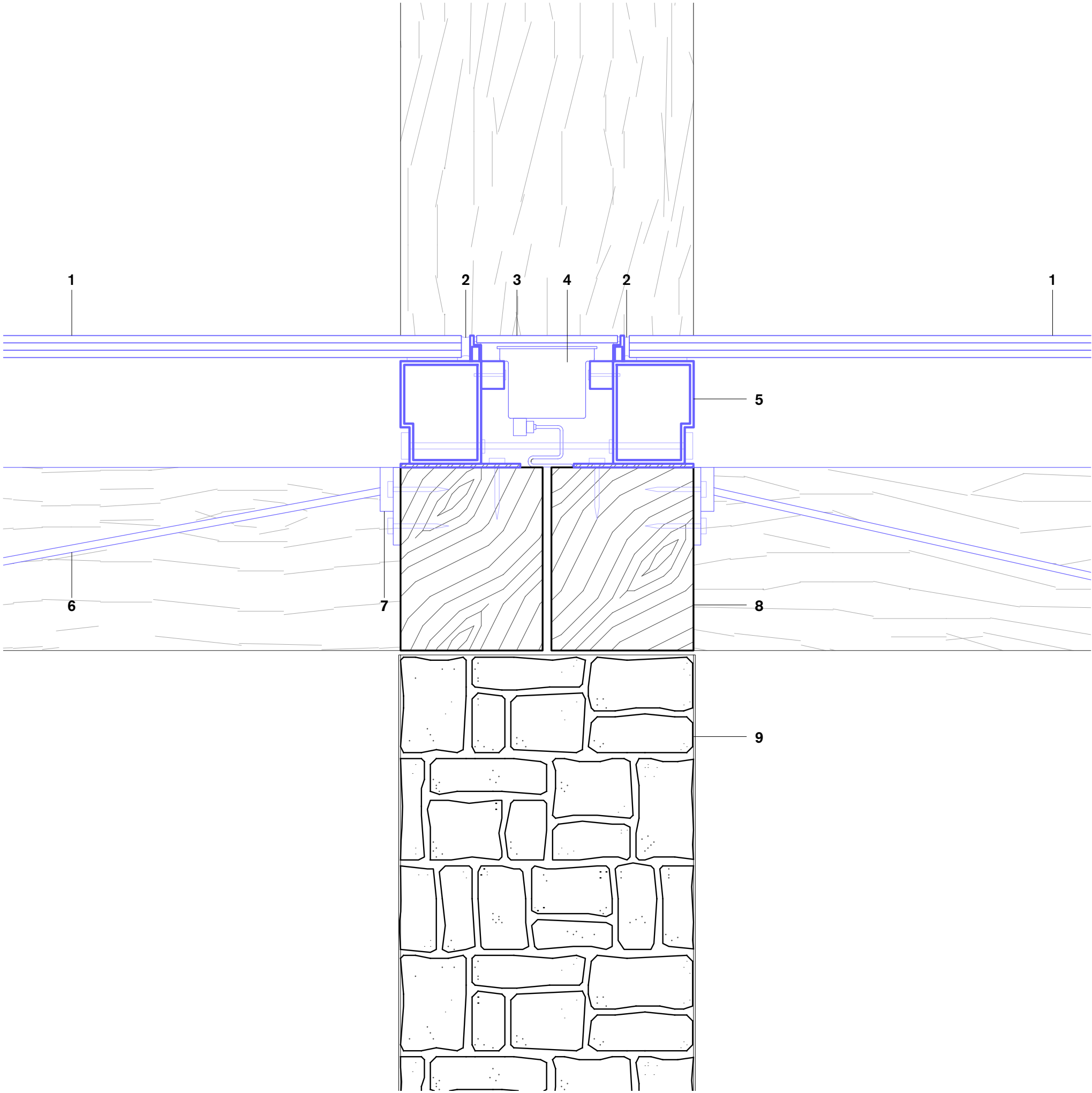


MUSEUM | STORAGE

Visualising the Industrial Consequence by Scrap Art



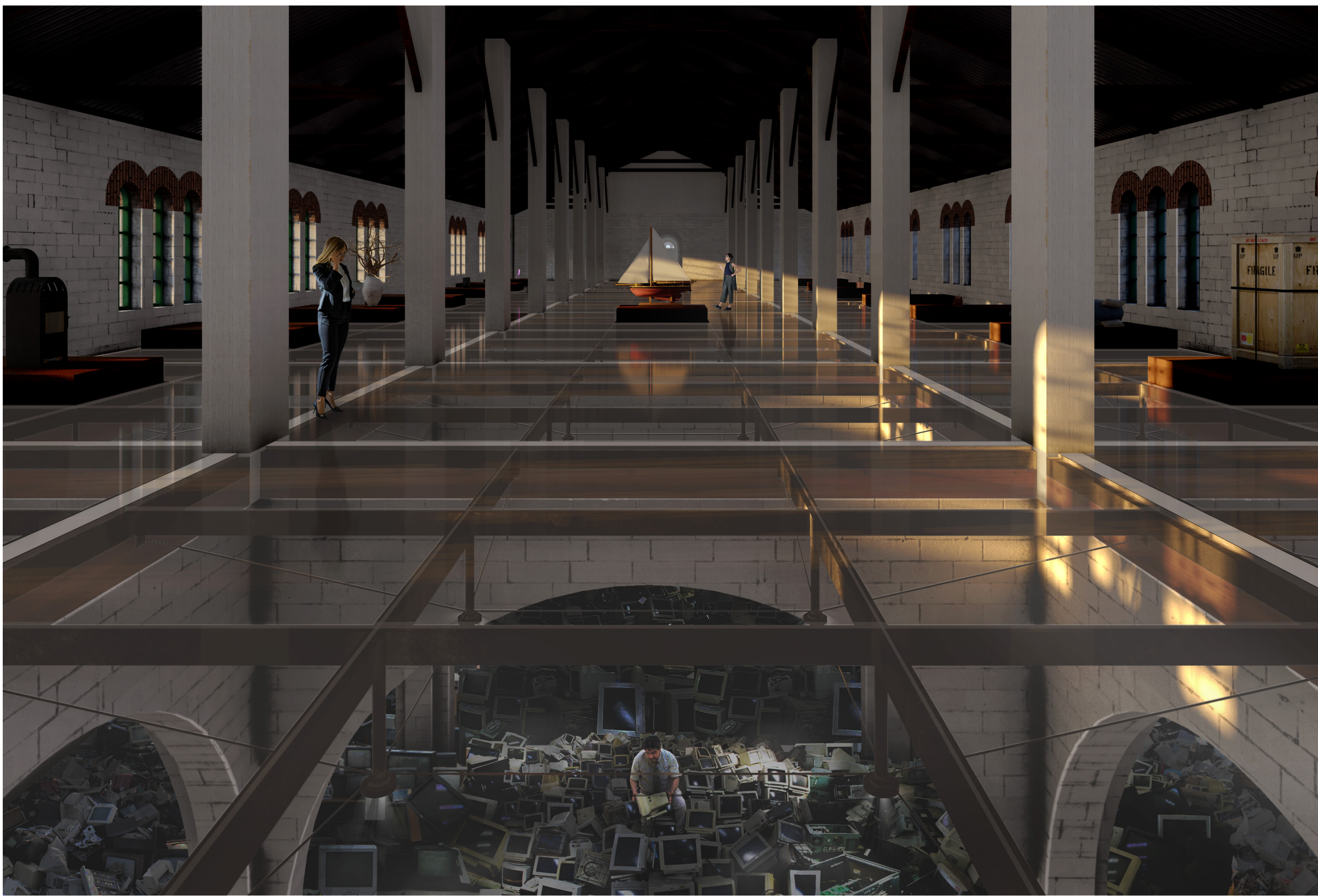


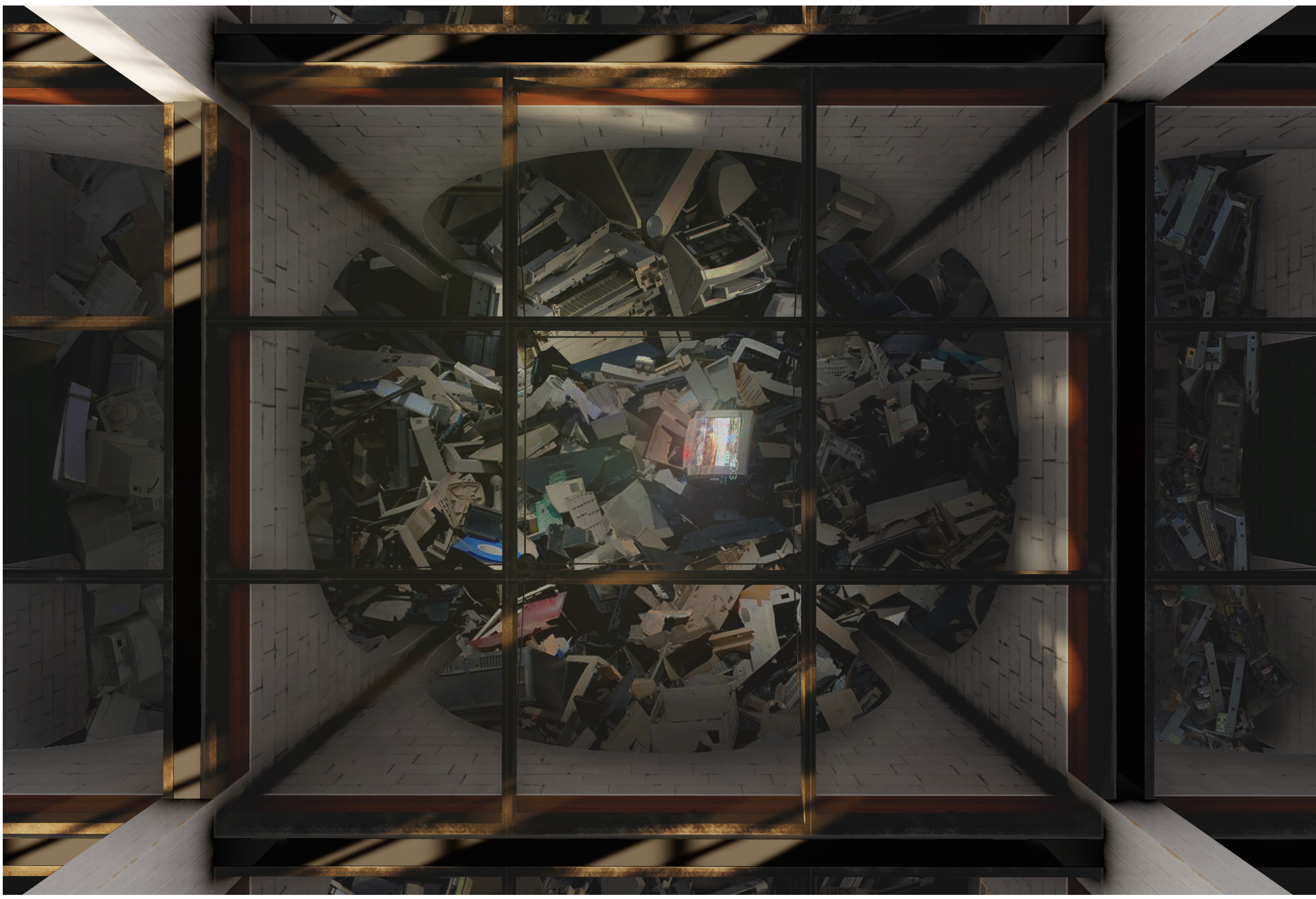


Existing
New
Reused

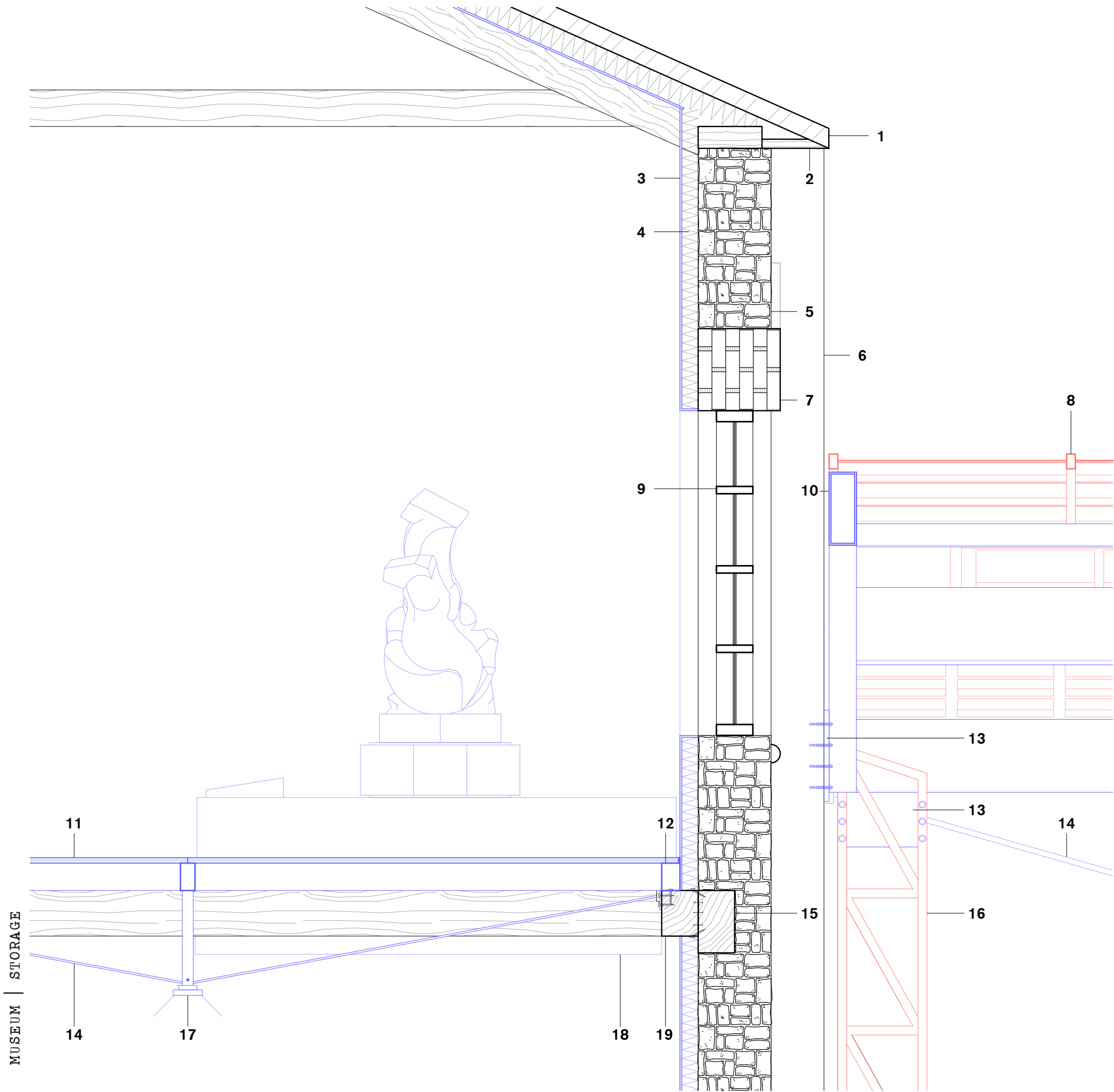
Detail Section | Floor Condition
1:5

- 1 30mm 3-ply Structural Glass Floor
- 2 Silicone Sealant
- 3 Frosted Glass
- 4 LED Recessed Light Fixture
- 5 Aluminium Mullion
- 6 Tensile Cable Truss Chord
- 7 Cable Anchor
- 8 Existing Wooden Floor Beam
- 9 Existing Brick Arch Structure







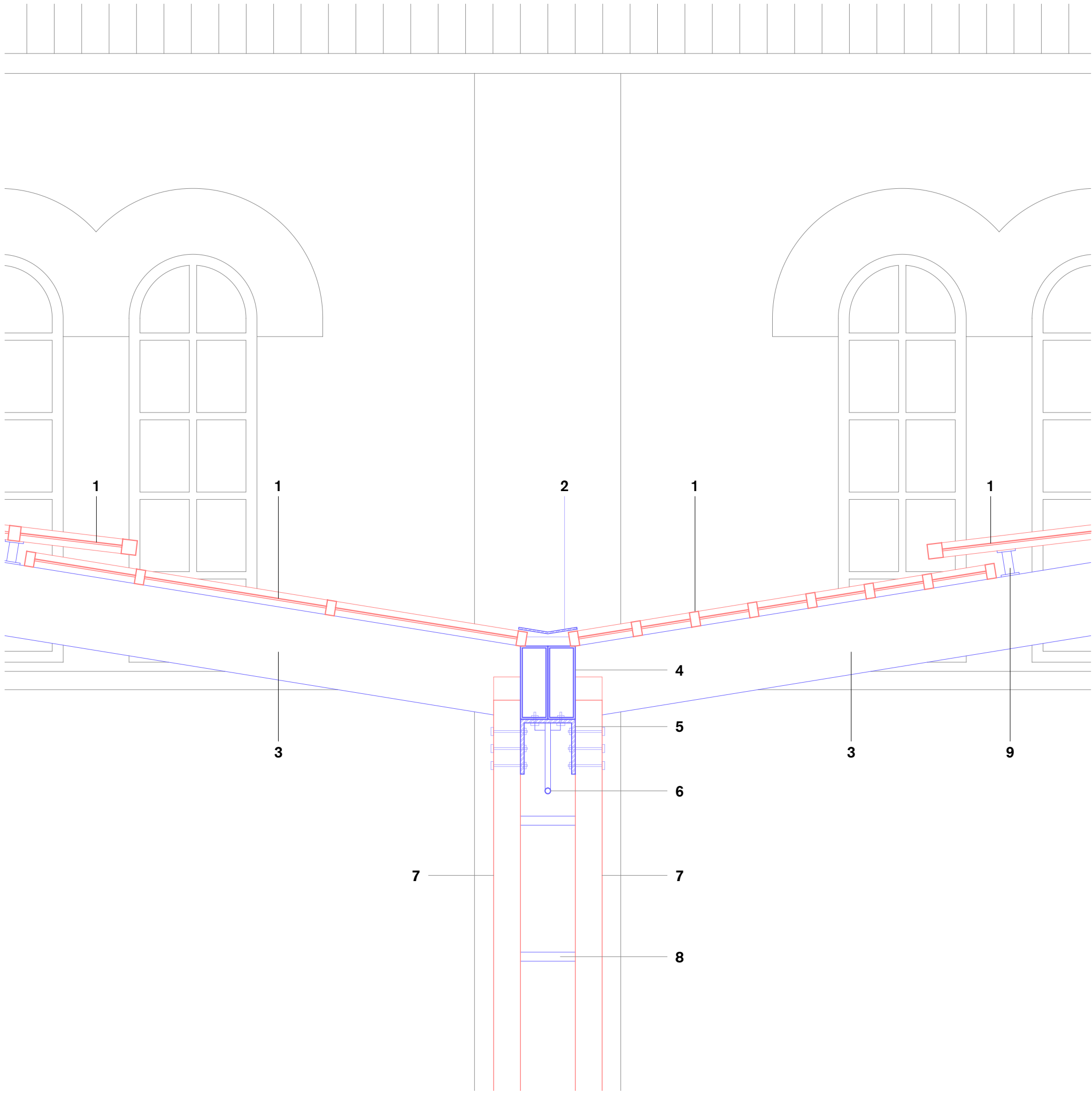


- Existing
- New
- Reused

Detail Section | Wall Condition
1:20

- 1 Existing Metal Roof Panel
- 2 Existing Wooden Soffit
- 3 Plastered Interior Cladding
- 4 Rigid Insulation
- 5 Existing Brick Wall
- 6 Existing Brick Buttress
- 7 Existing Brick Arch Lintel
- 8 Reused Window Canopy
- 9 Double-glazed Window
- 10 Canopy Steel Beam
- 11 30mm 3-ply Structural Glass Floor
- 12 Aluminium Mullion
- 13 Steel Connection Plate
- 14 Cable Truss
- 15 Existing Timber Wall Plate
- 16 Reinforcing Truss Column Reused from Shipyard
- 17 Cable Truss Post with LED Spotlight
- 18 Infill Stage Box
- 19 Existing Wooden Floor Beam

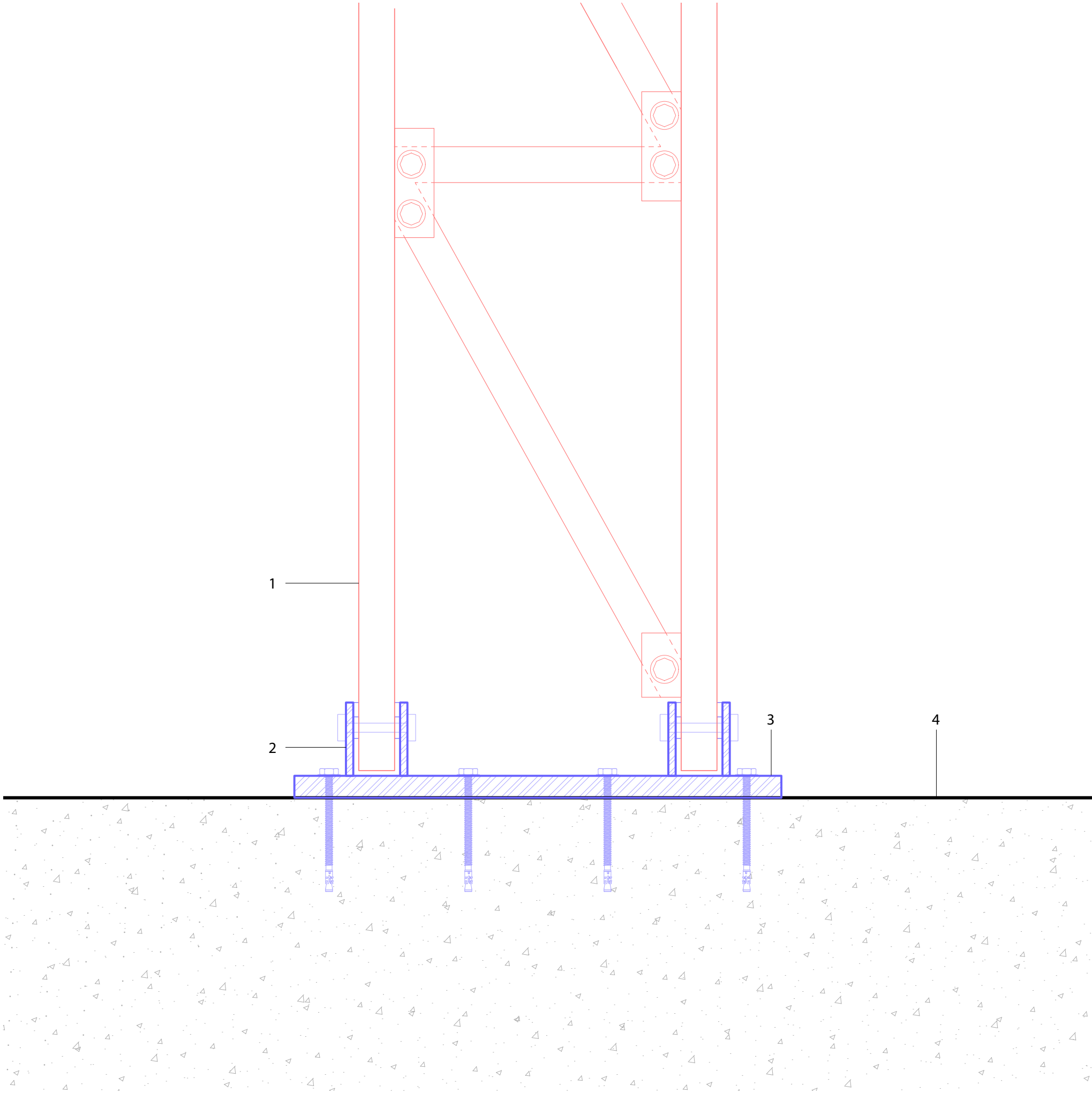
WALL CONNECTION DETAIL



- Existing
- New
- Reused

Detail Section | Canopy Condition
1:20

- 1 Reused Window
- 2 Metal Trim
- 3 150x400mm Steel Beam
- 4 150x400mm Steel Girder (2x)
- 5 Steel Connection Bracket
- 6 Steel Cable
- 7 Reinforcing Truss Column Reused from Shipyard
- 8 Steel Bracing Piece
- 9 Supporting Pedestal



- Existing
- New
- Reused

Detail Section | Foundation Condition
1:5

- 1 Reinforcing Truss Column Reused from Shipyard
- 2 Steel Receiving Bracket
- 3 30mm Steel Ground Connection Pate
- 4 Ground Concrete Plinth

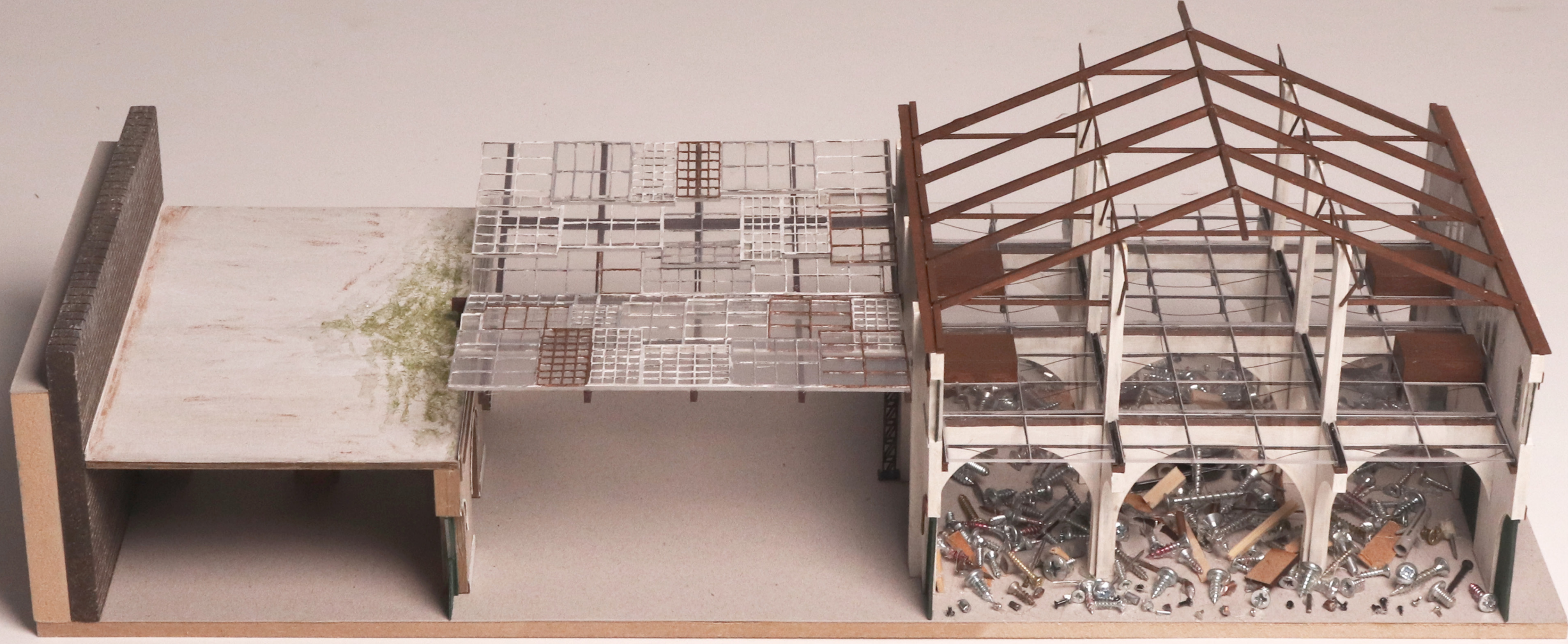


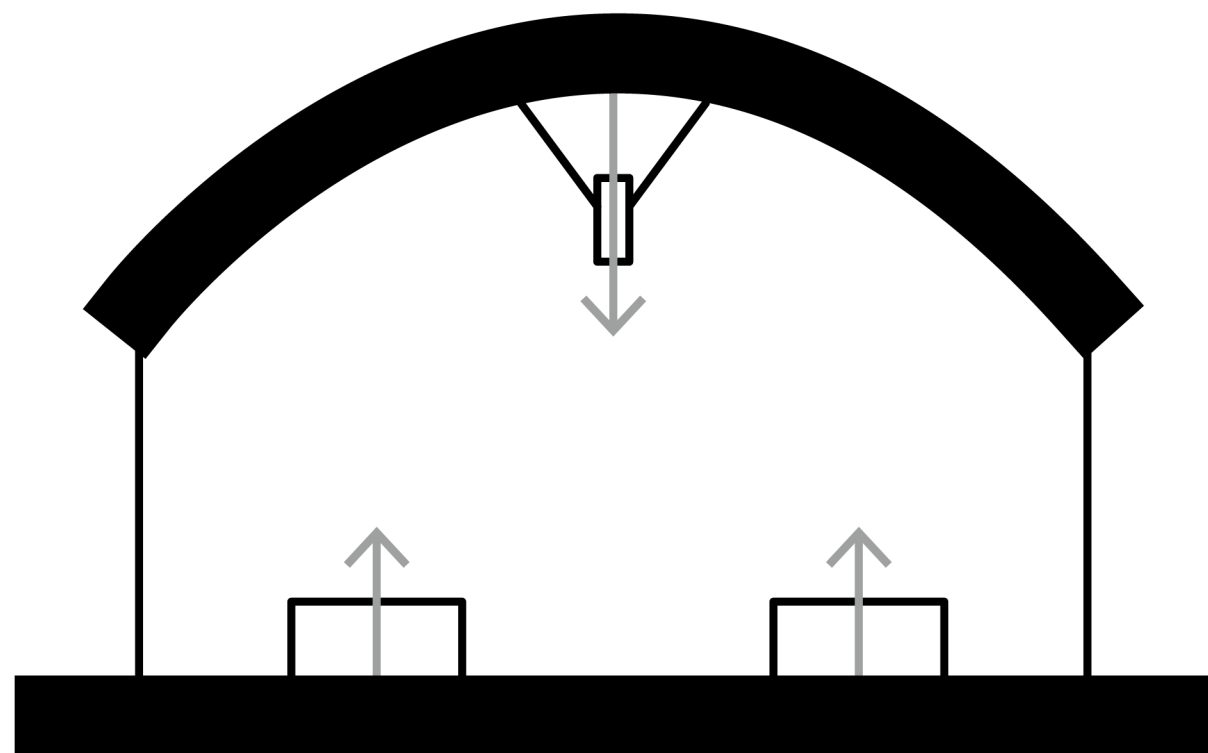












WORKSHOP | ATERLIER

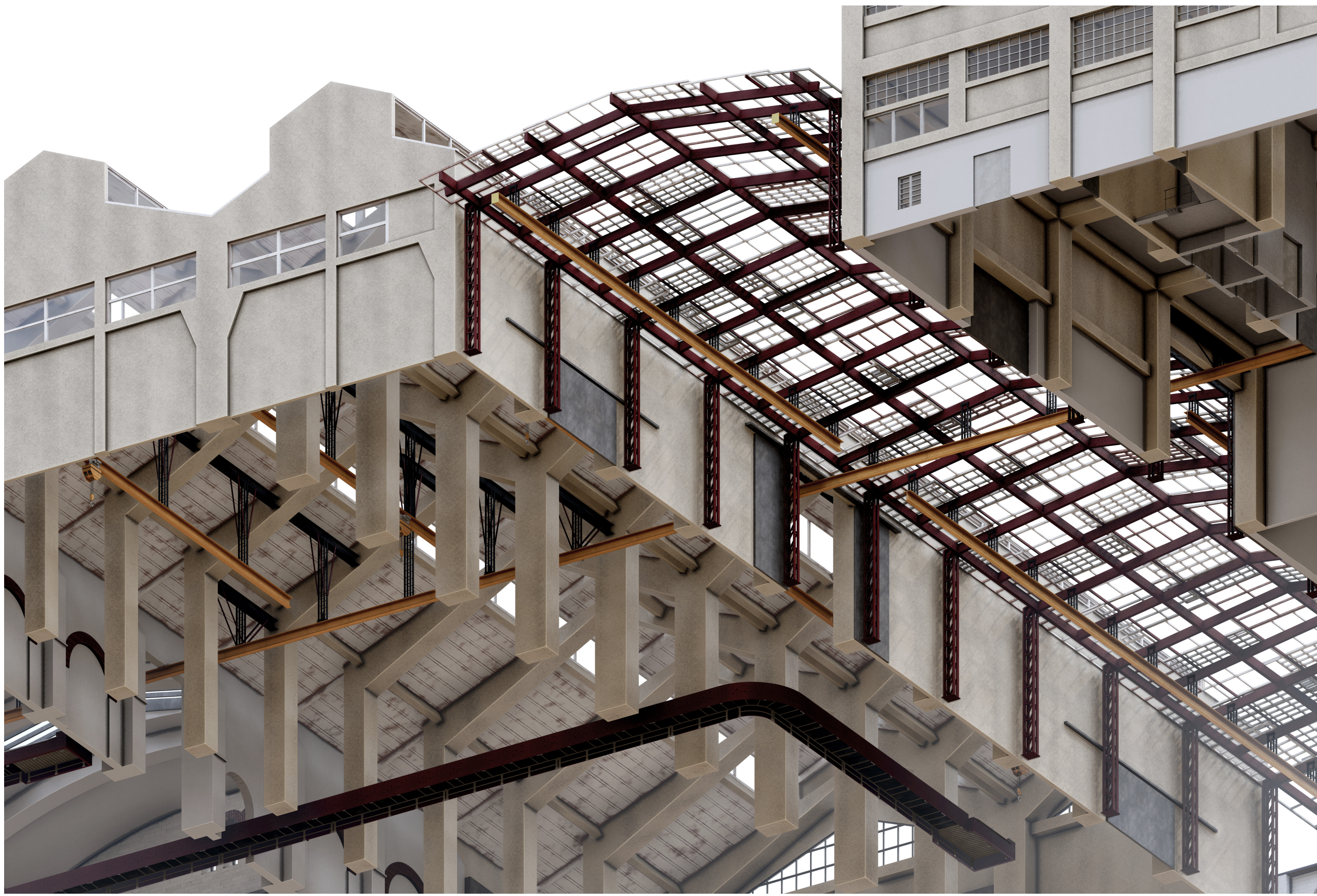
Transforming Scrap into Art & Architecture







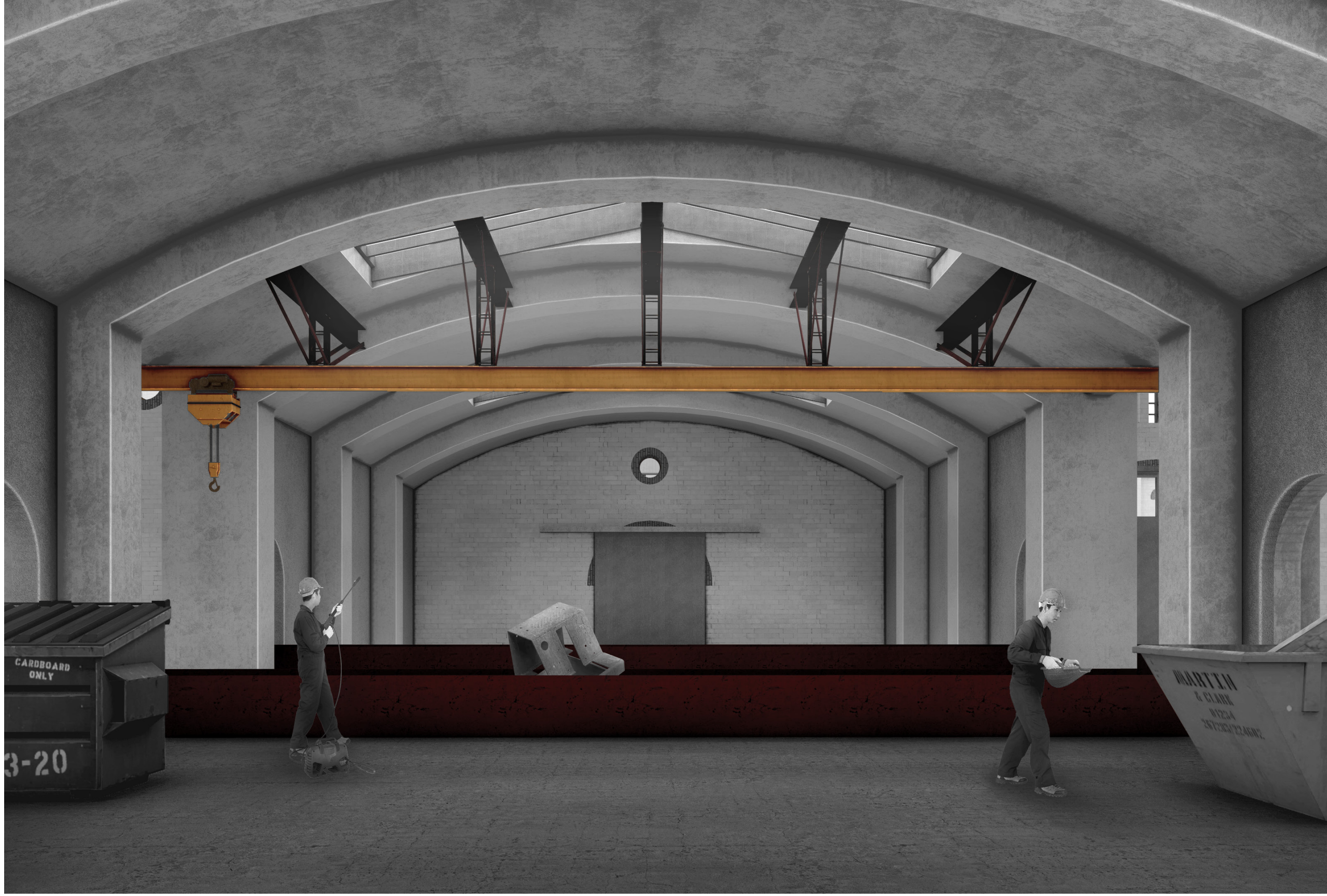












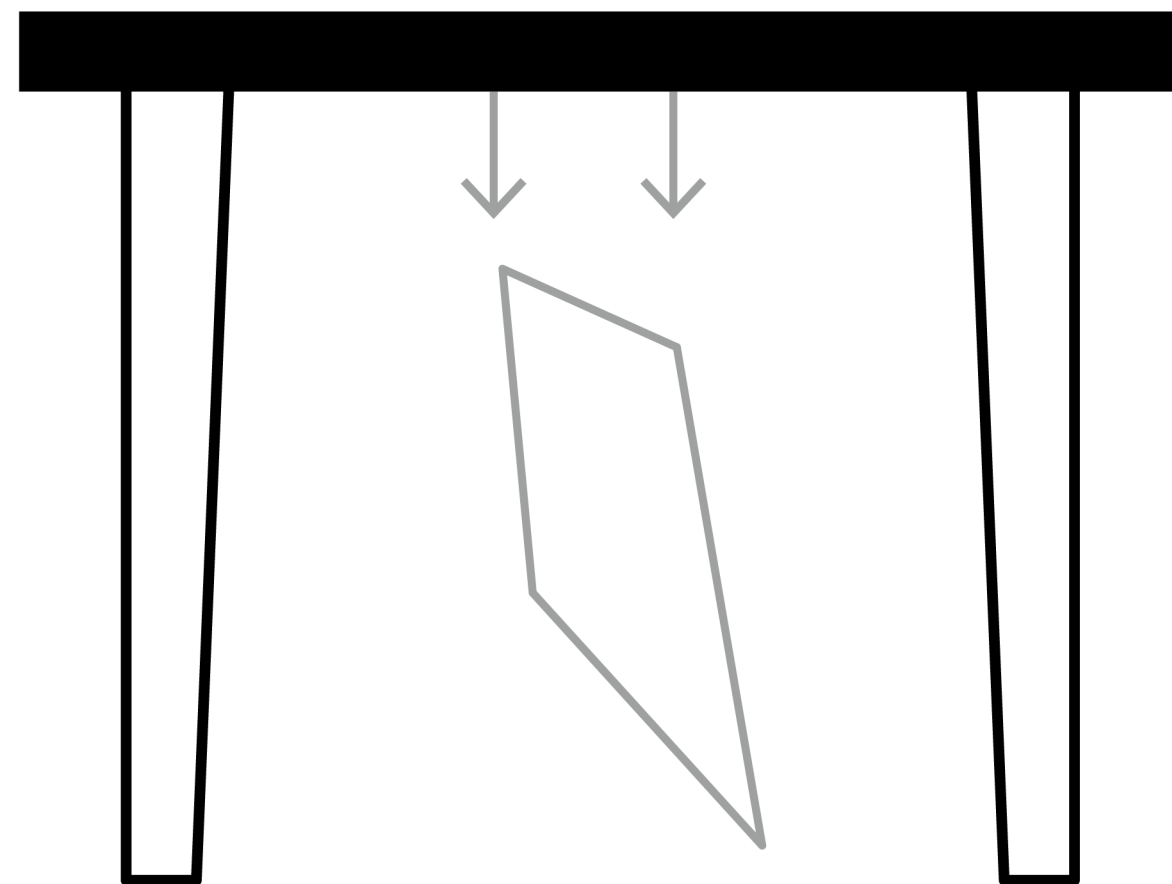








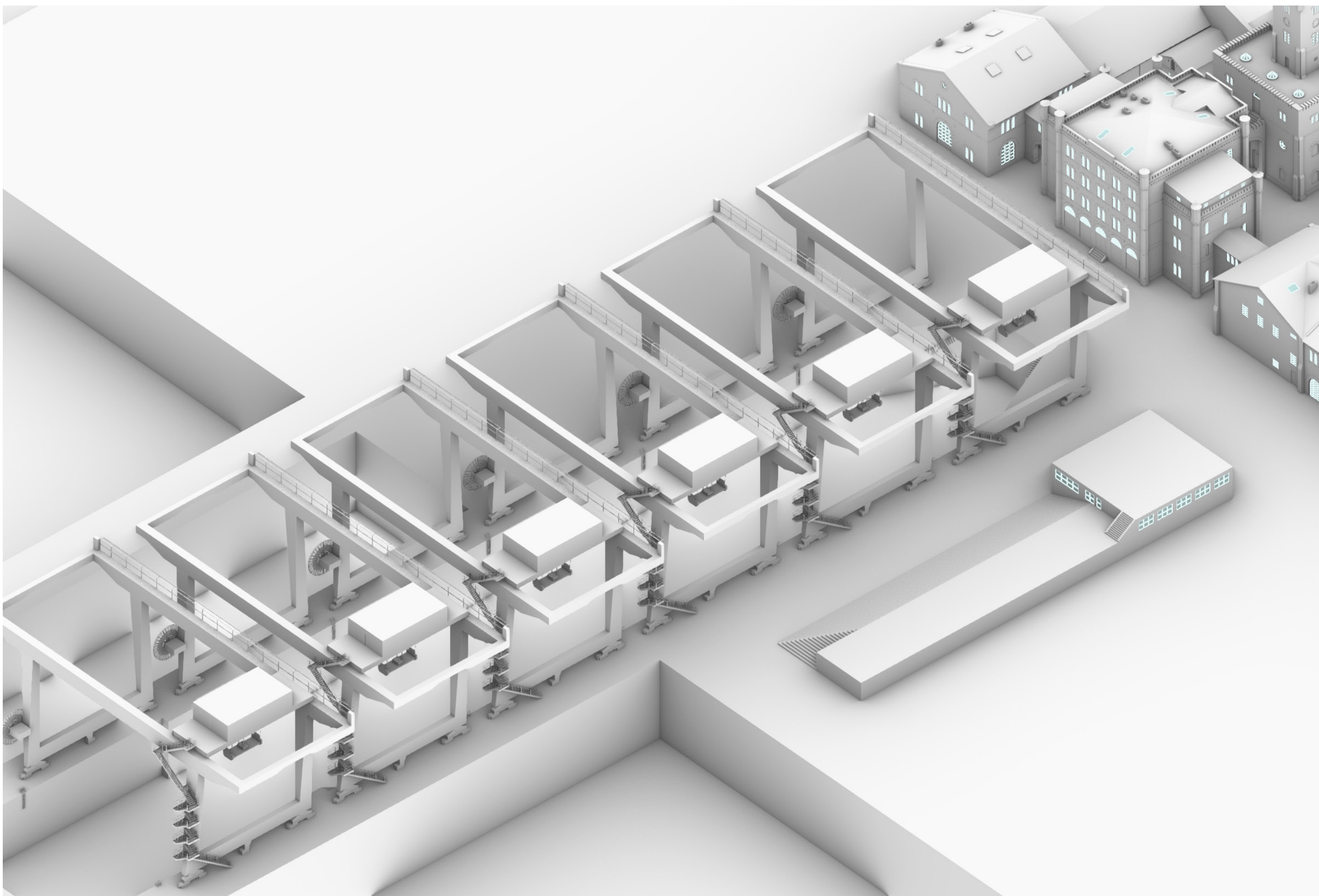




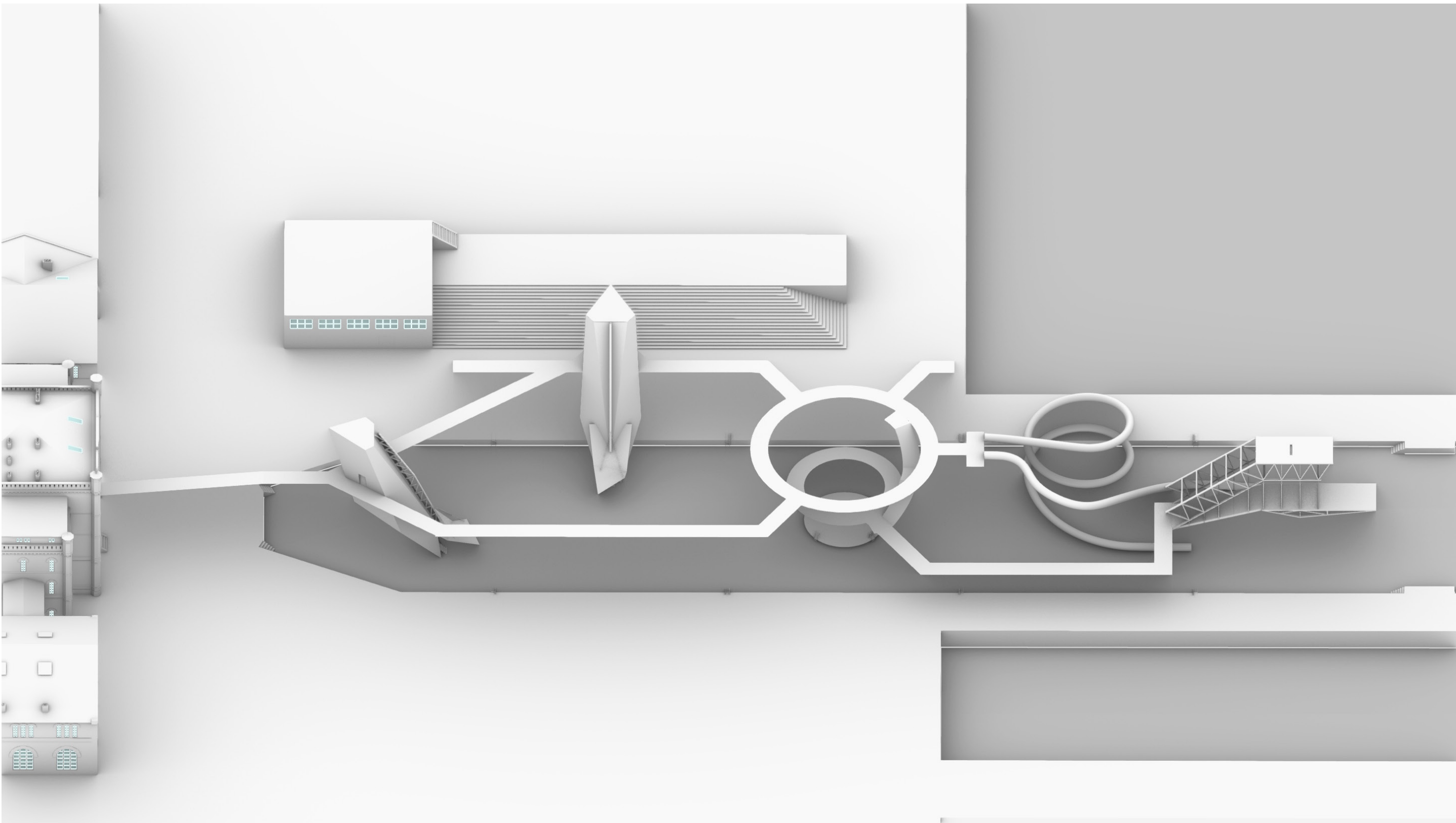
SWIMMING POOL

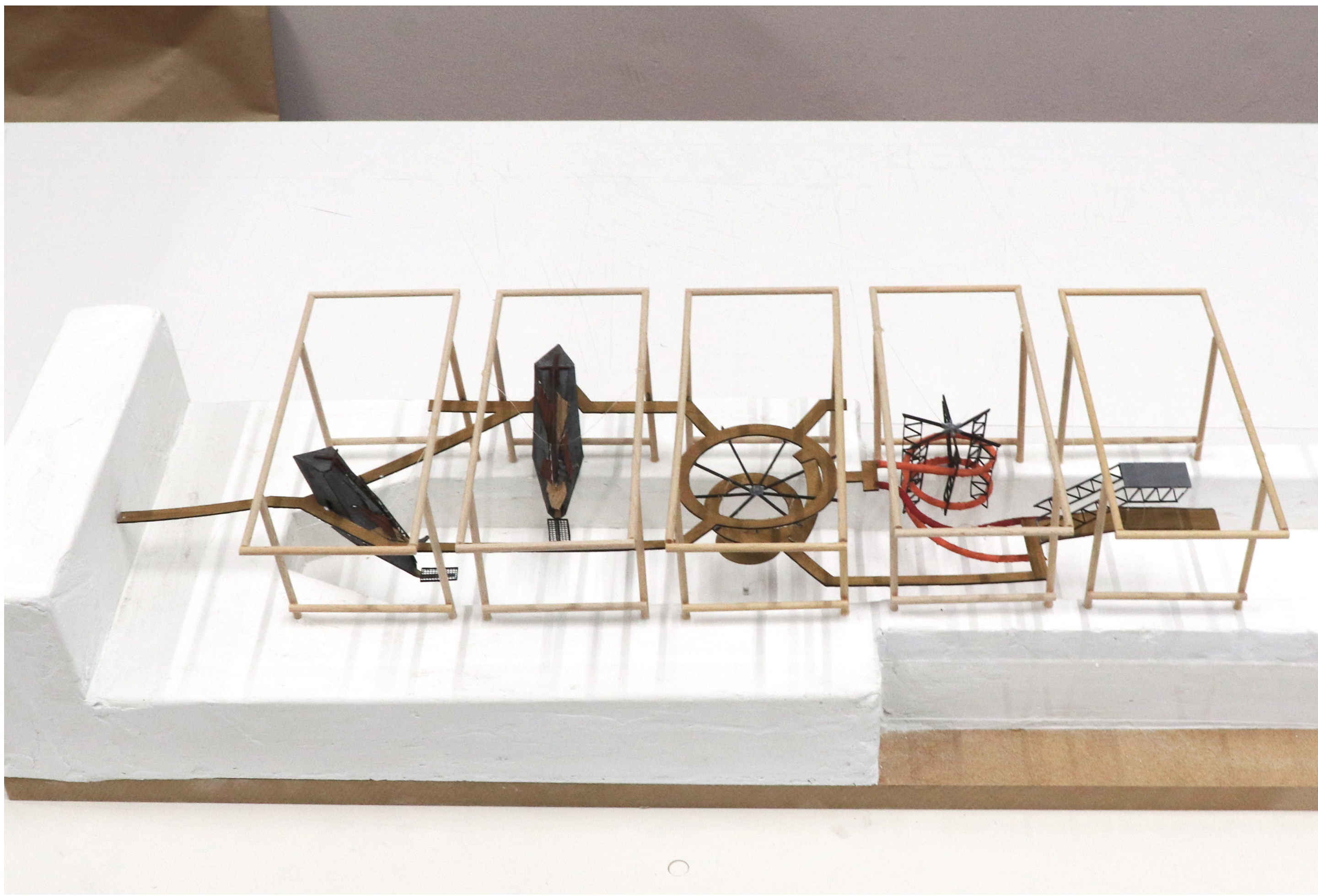
Reusing Infrastructure to Activate the Waterfront

SWIMMING POOL

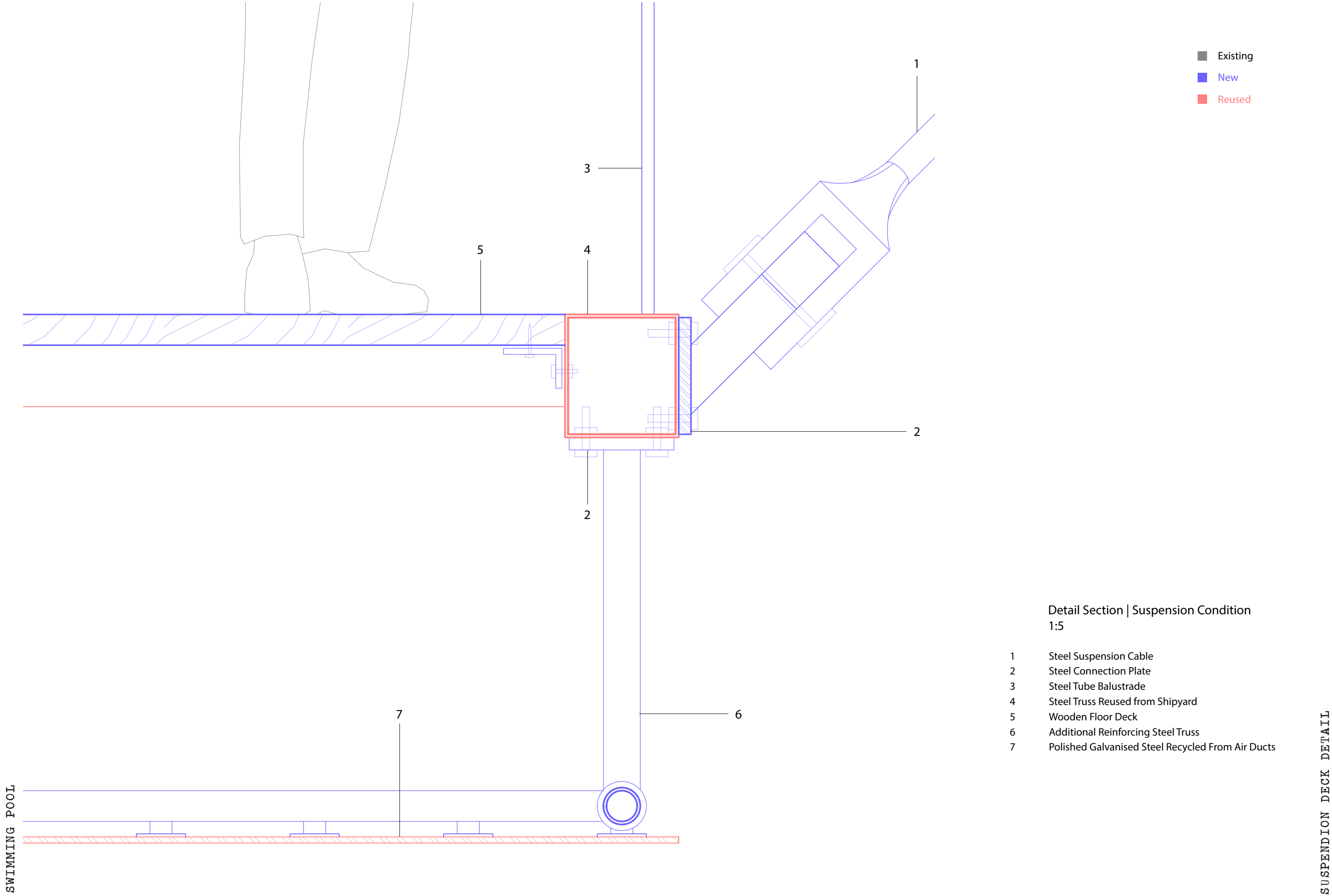


CRANES AS EXTERNAL STRUCTURE







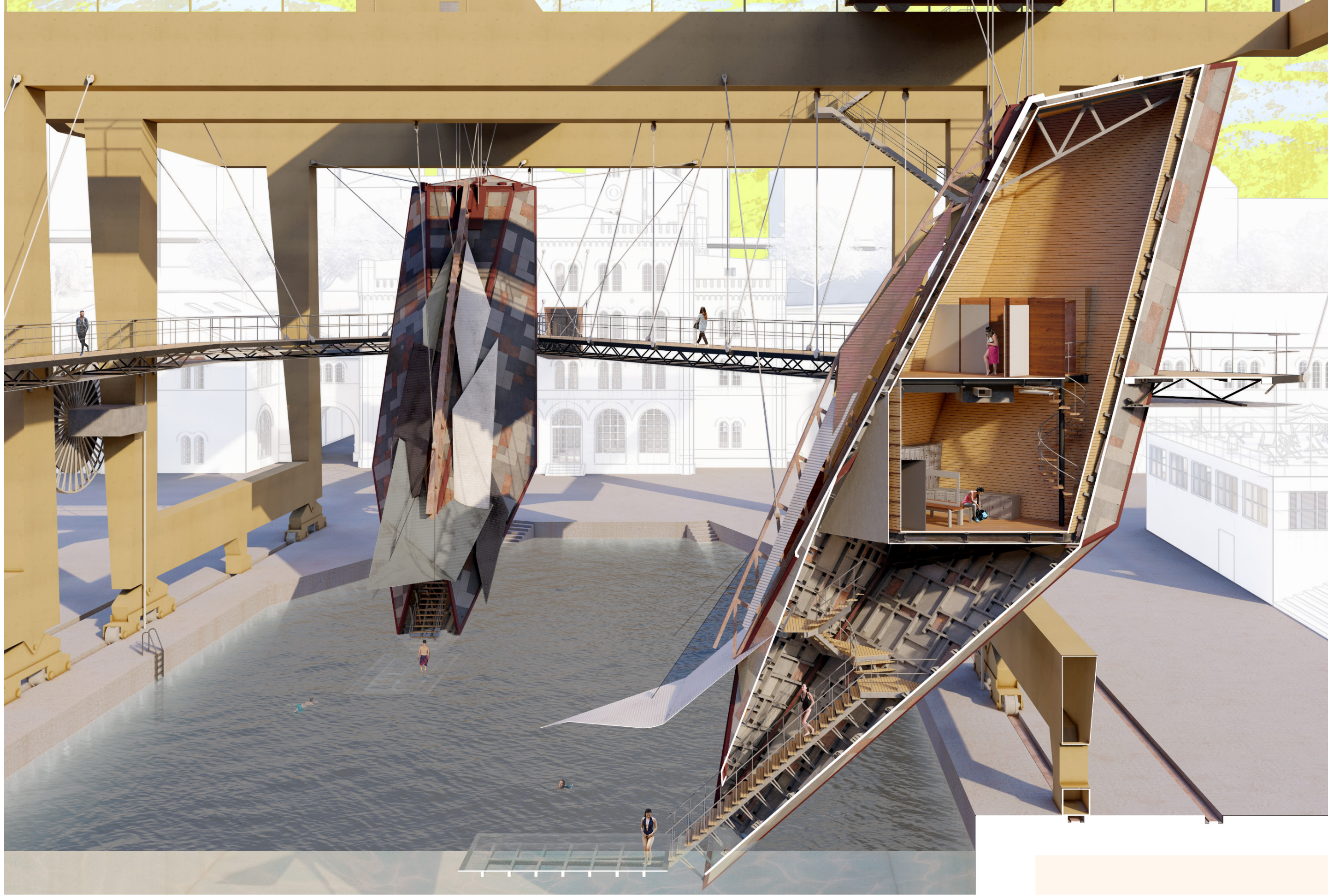


SWIMMING POOL



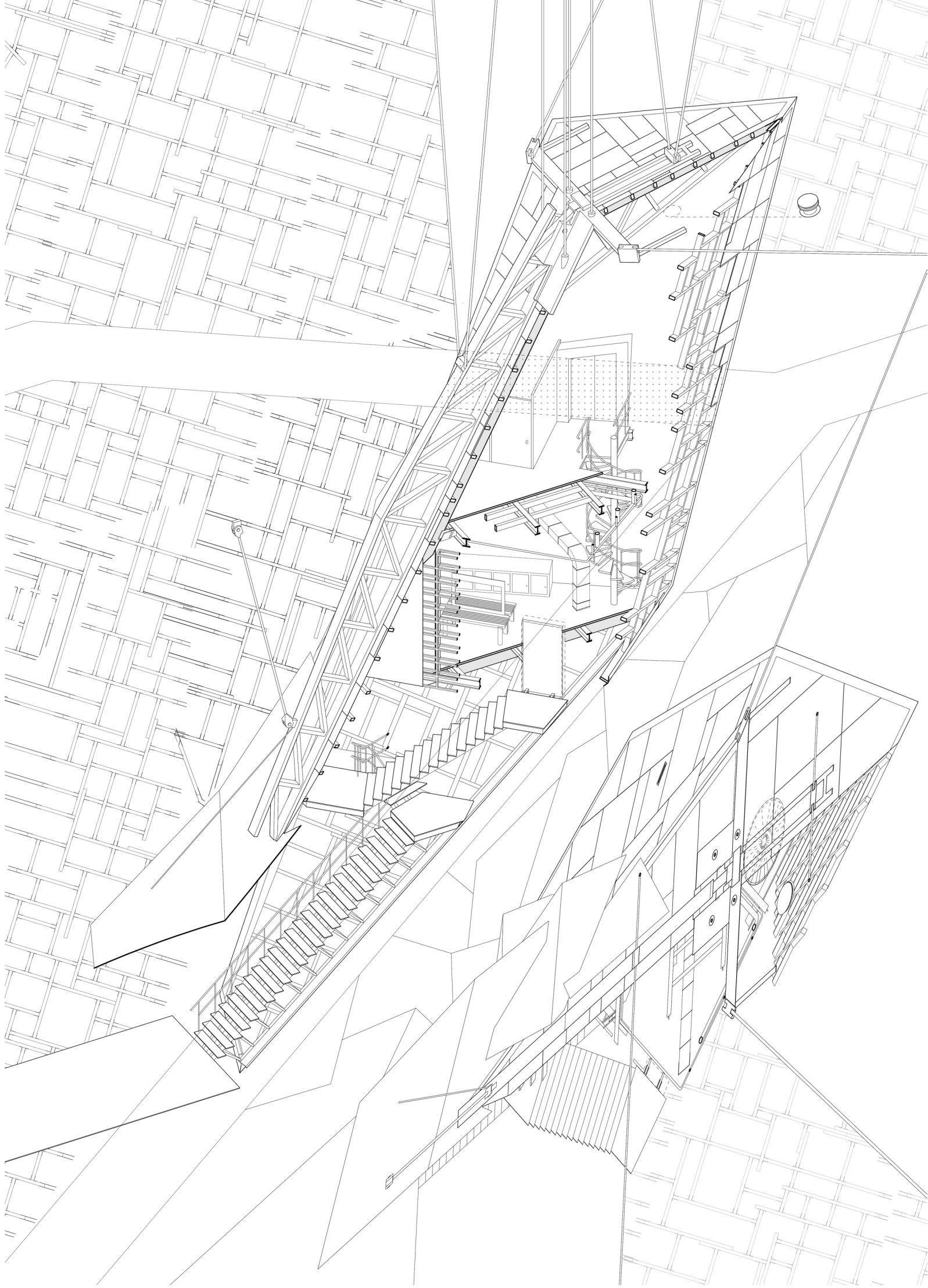
SWIMMING POOL AXIS

SWIMMING POOL

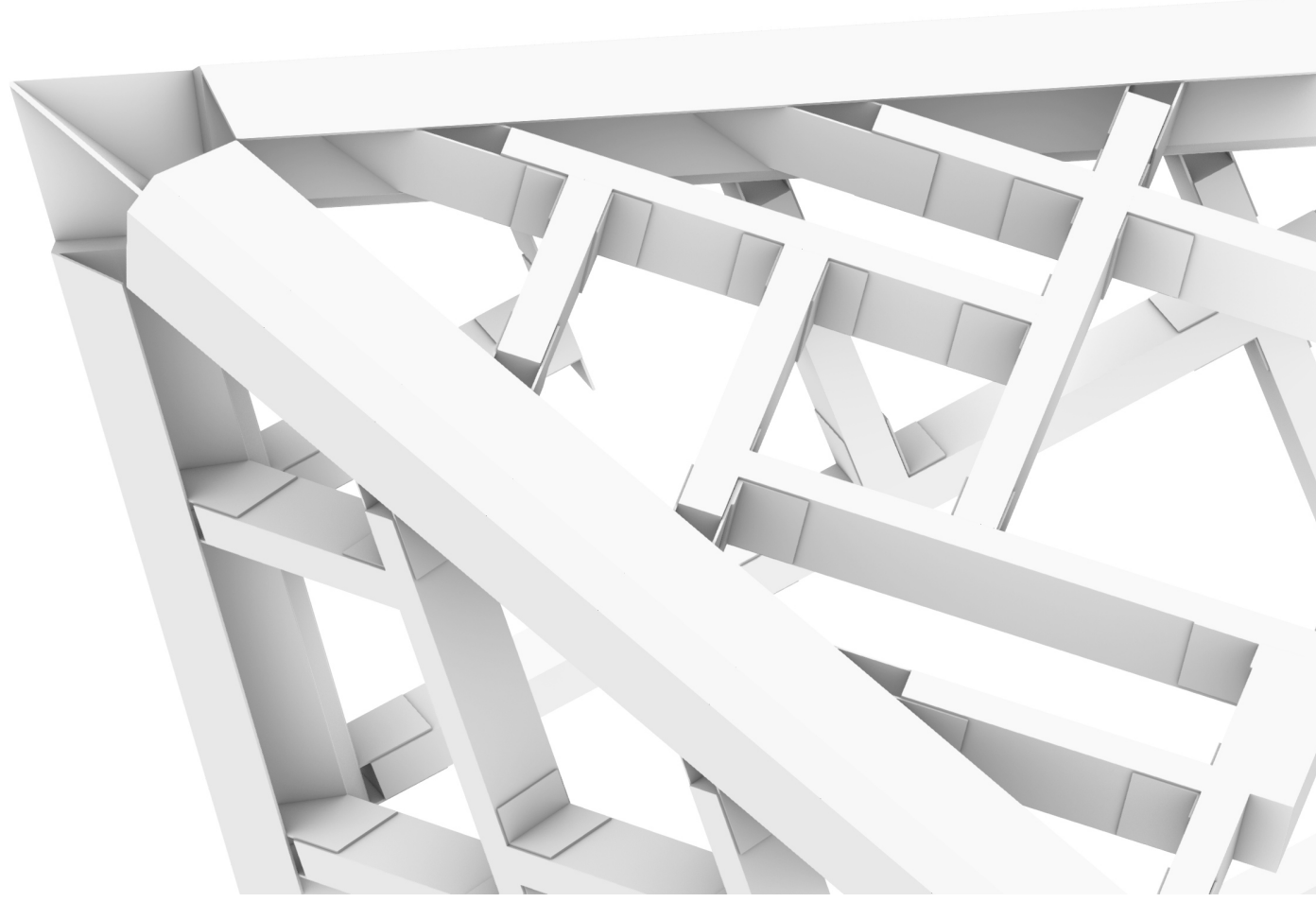
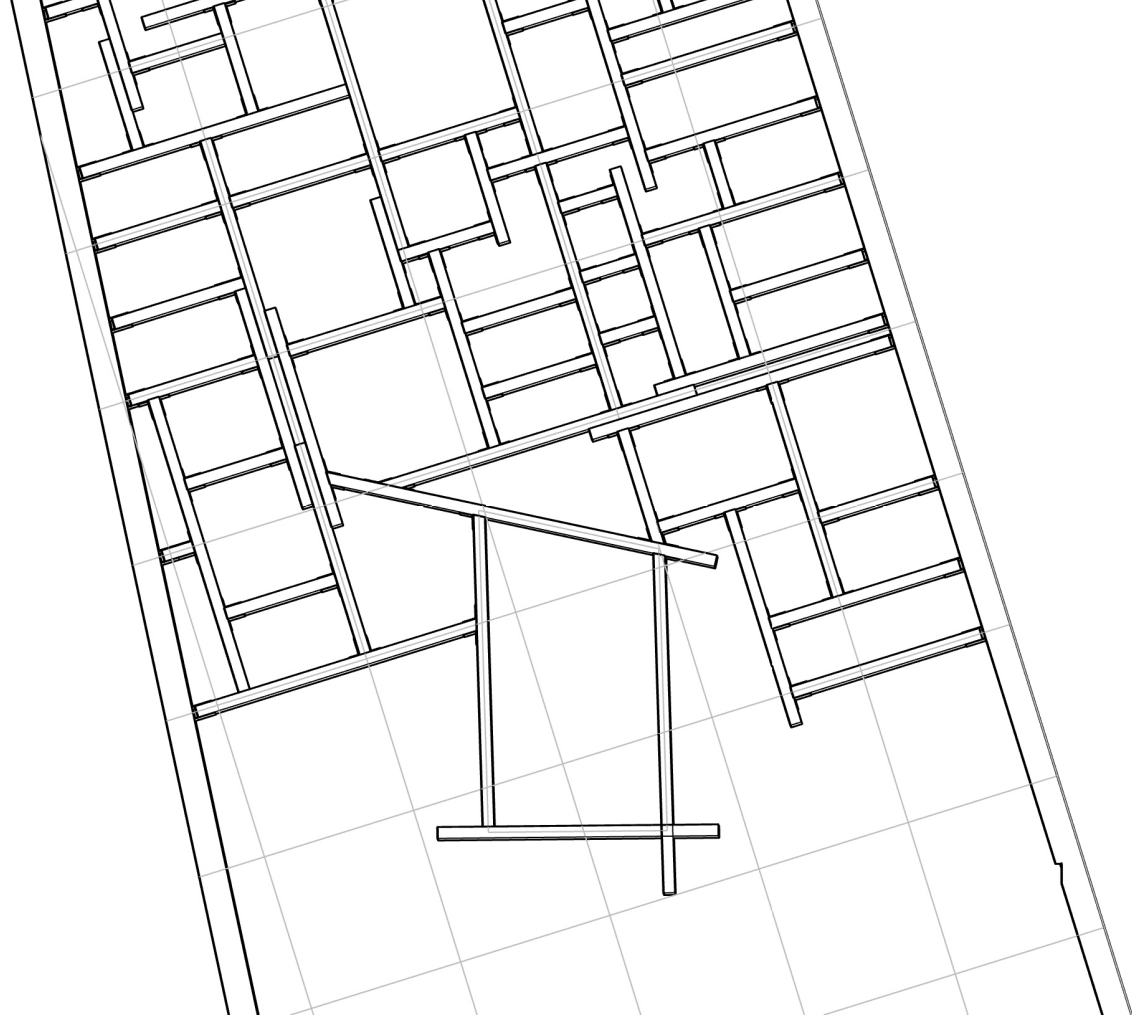


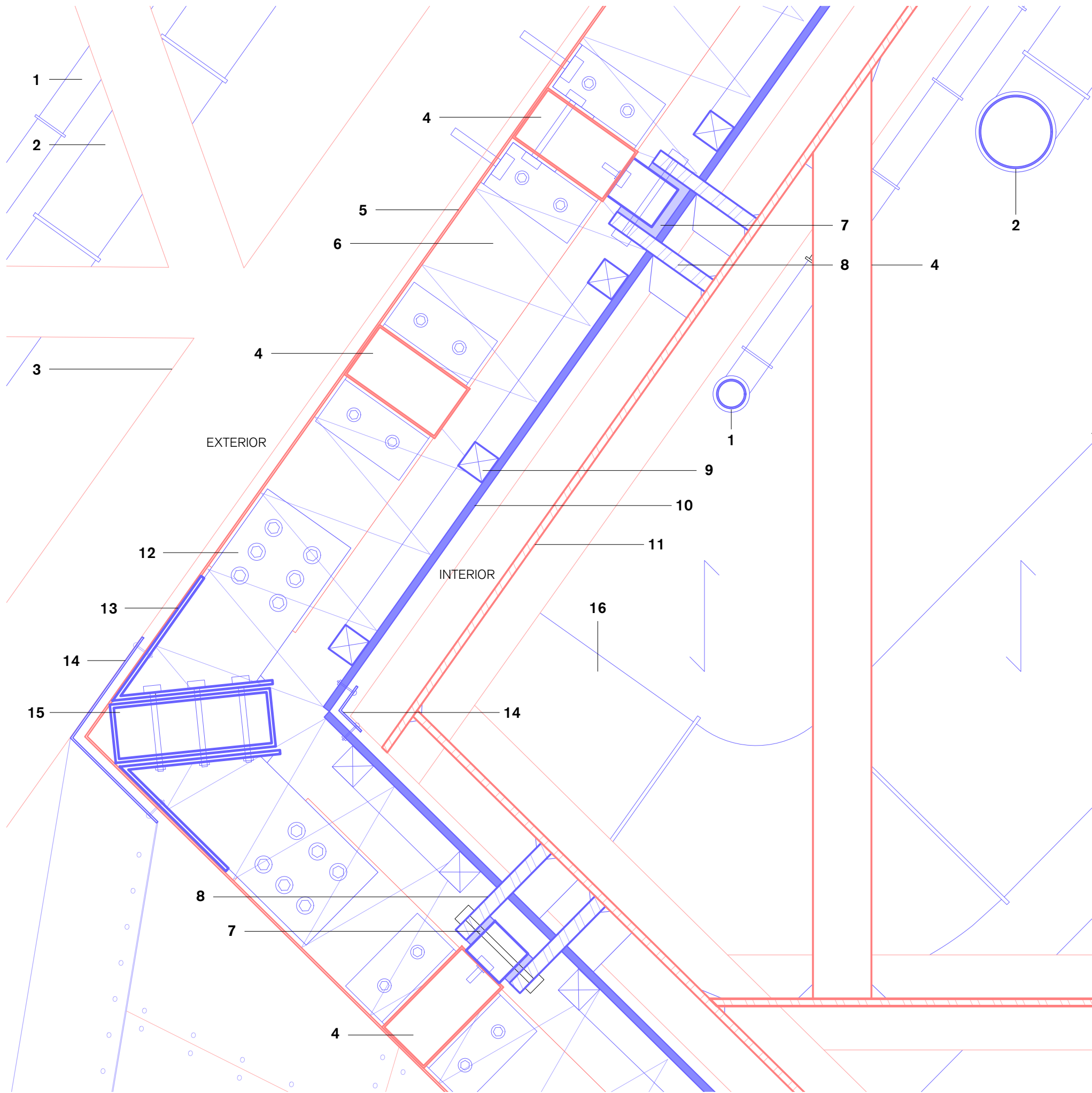
THE CHANGING POD SECTION

SWIMMING POOL



THE CHANGING POD

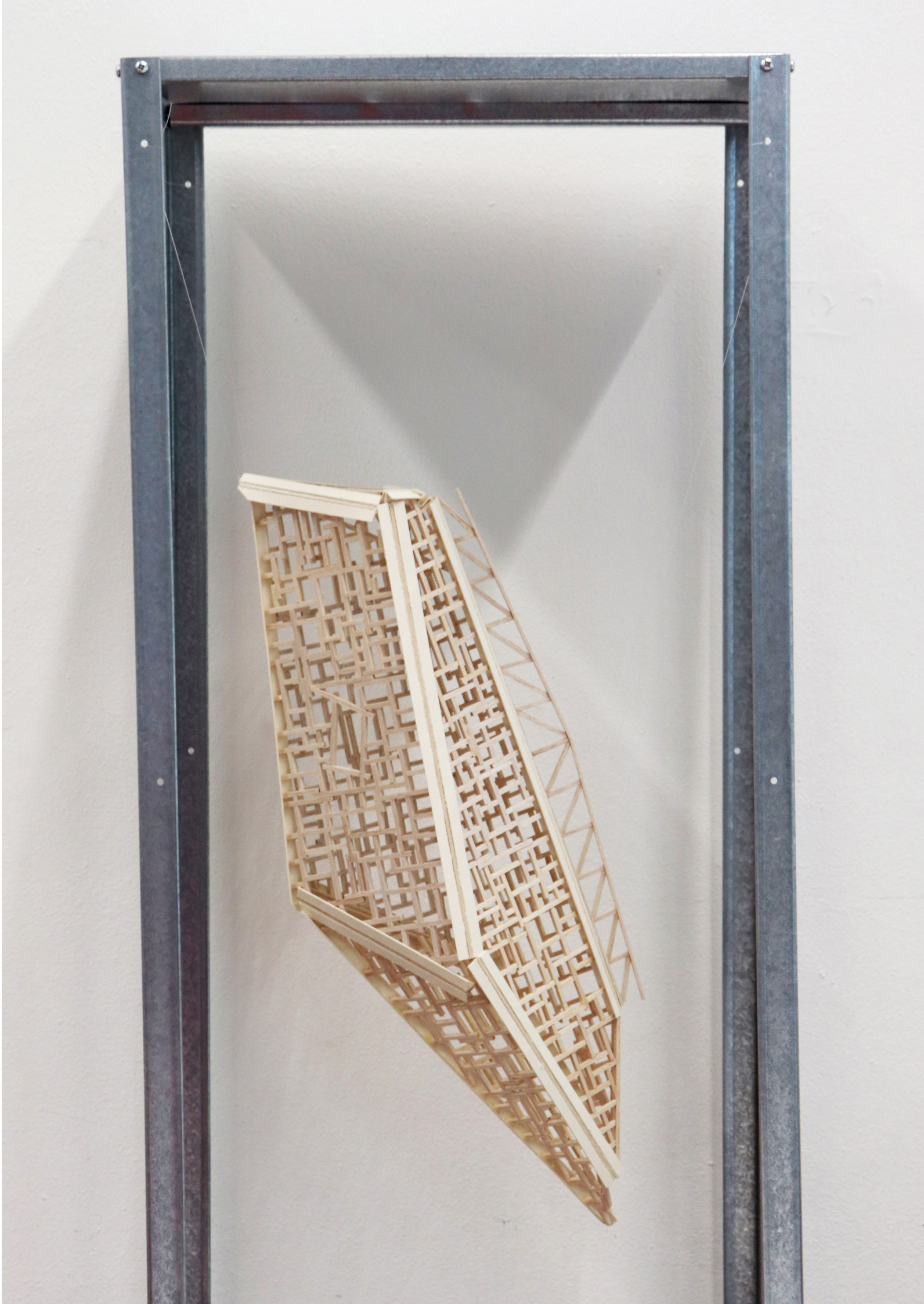




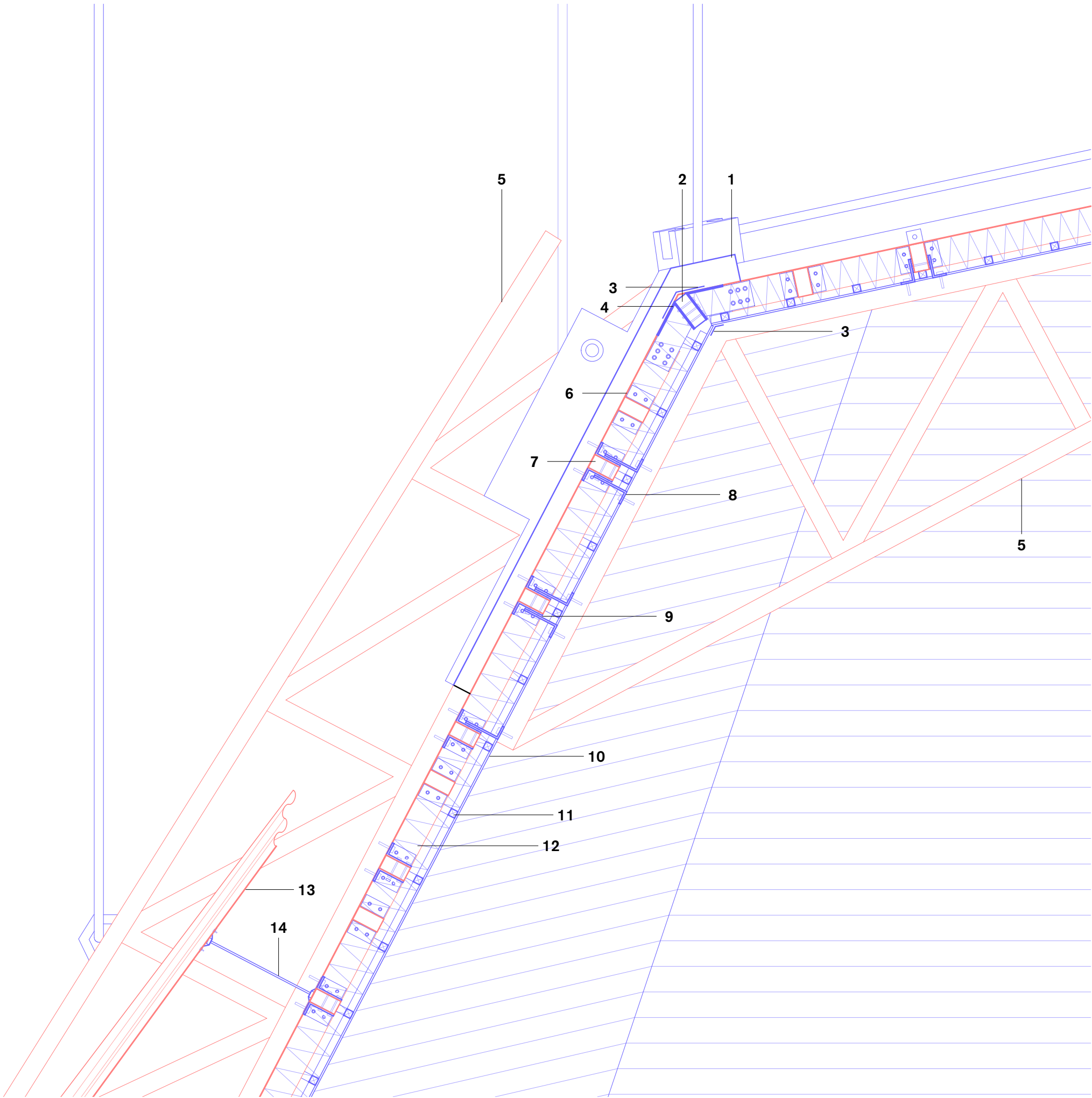
- Existing
- New
- Reused

Detail Plan | Corner Condition 1:5

- 1 ϕ 40mm Fresh Water Pipe
- 2 ϕ 100mm Greywater Pipe
- 3 Reused Truss as External Walkway Structure
- 4 80x150mm Reused Steel Profile
- 5 2.5mm Steel Plate from Shipyards
- 6 Rigid Insulation
- 7 10mm Structural Teflon Pad
- 8 Steel Receiver (Welded to Floor Frame)
- 9 40x40mm Wood Batten
- 10 Wooden Interior Cladding
- 11 Steel I-Beam
- 12 Steel Receiving Bracket
- 13 Steel Corner Angle
- 14 Metal Trim
- 15 80x220mm Steel Profile Edge Beam
- 16 Ventilation Air Duct



SWIMMING POOL



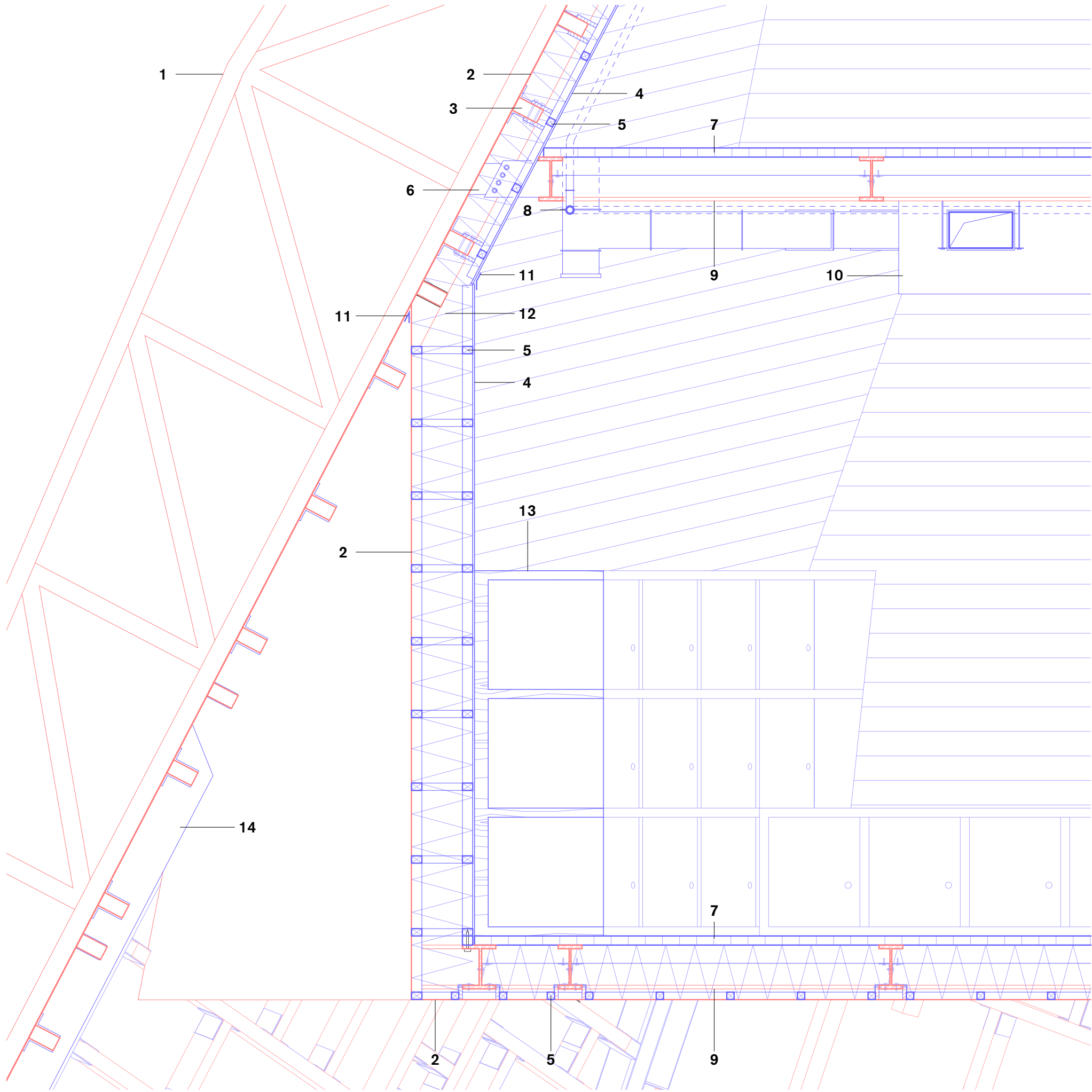
- Existing
- New
- Reused

Detail Section | Roof Condition
1:20

- 1 Crane Hanger Unit
- 2 80x190mm Steel Profile Edge Beam
- 3 Metal Trim
- 4 Steel Corner Angle
- 5 Reused Truss from Warehouses
- 6 2.5mm Steel Plate from Shipyards
- 7 80x150mm Reused Steel Profile
- 8 Steel Angle
- 9 10mm Structural Teflon Pad
- 10 Wooden Interior Cladding
- 11 40x40mm Wood Batten
- 12 Rigid Insulation
- 13 Reused Corrugated Metal Sheet
- 14 Steel Bar

ROOF CONNECTION DETAIL

SWIMMING POOL

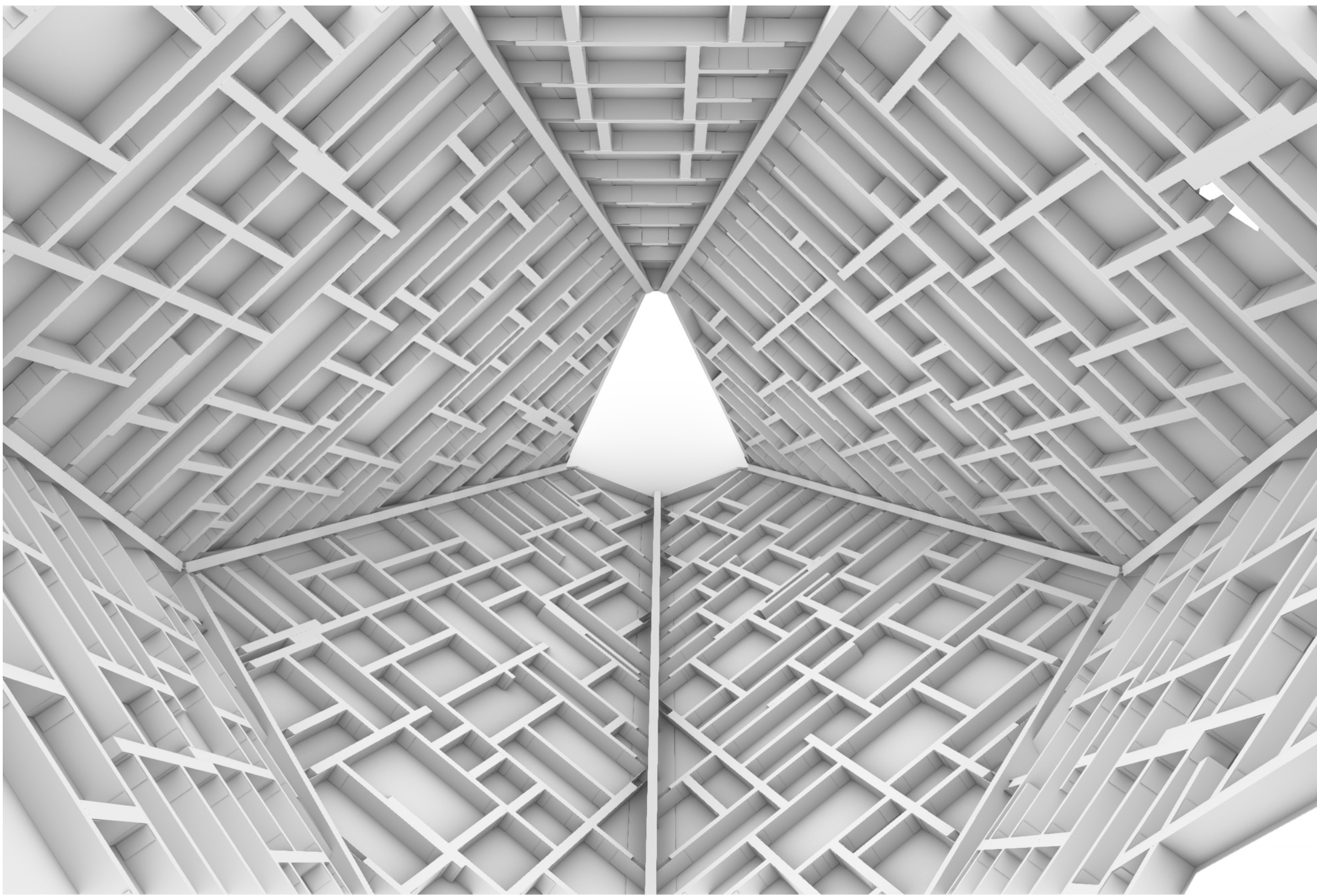


- Existing
- New
- Reused

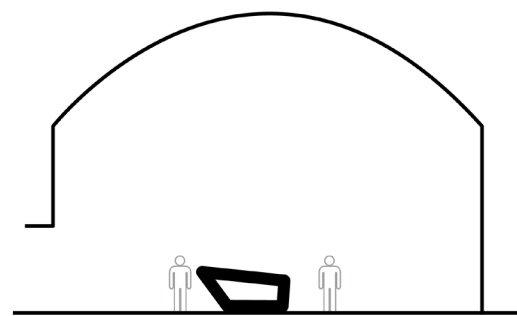
Detail Section | Floor Condition
1:20

- 1 Reused Truss from Warehouses
- 2 2.5mm Steel Plate from Shipyards
- 3 80x150mm Reused Steel Profile
- 4 Wooden Interior Cladding
- 5 40x40mm Wood Batten
- 6 Structural Frame-Floor Connector (see Detail Plan)
- 7 Wooden Flooring
- 8 ϕ 40mm Fresh Water Pipe
- 9 Steel I-Beam
- 10 Air Handling Unit
- 11 Metal Trim
- 12 Rigid Insulation
- 13 Locker Cabinet
- 14 Steel Corner Angle

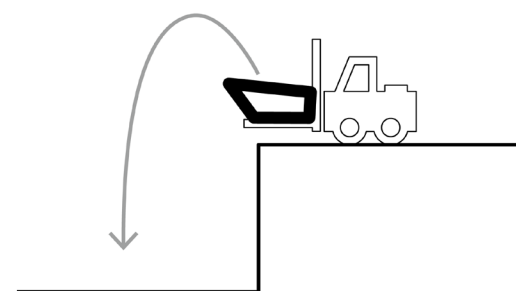
FLOOR CONNECTION DETAIL



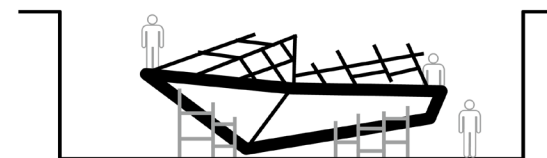




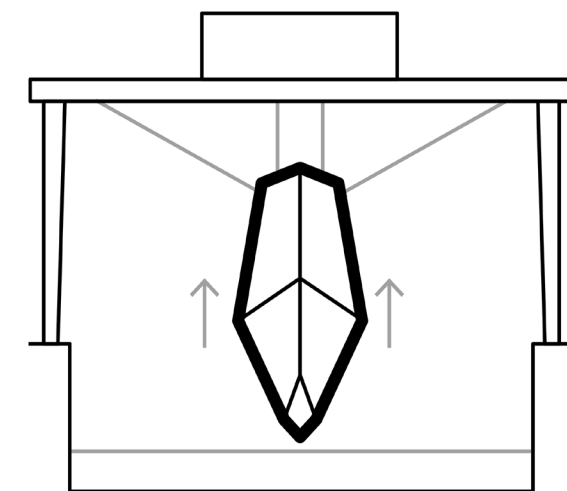
1. Partially assemble in the workshop



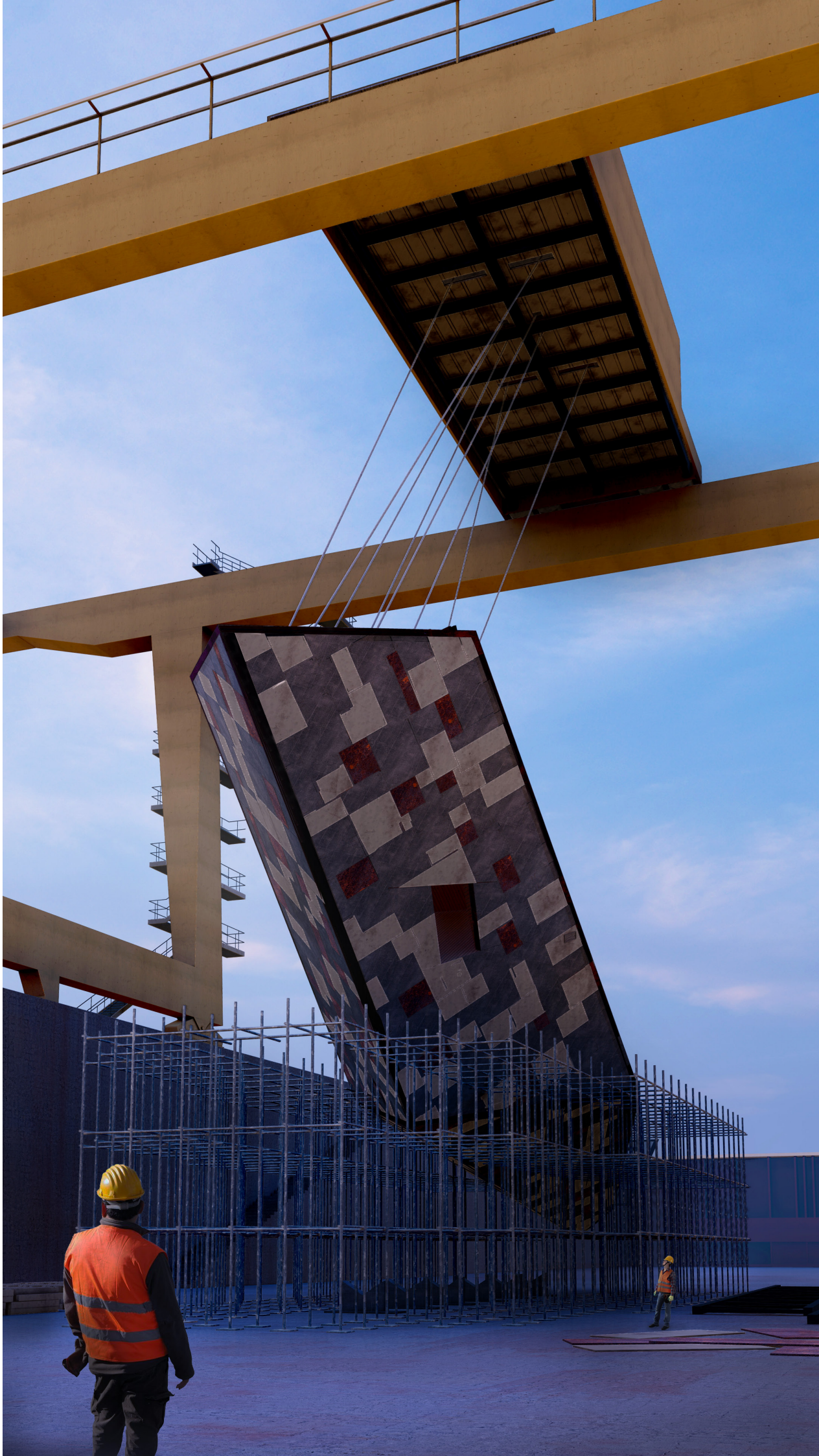
2. Transfer to the drydock



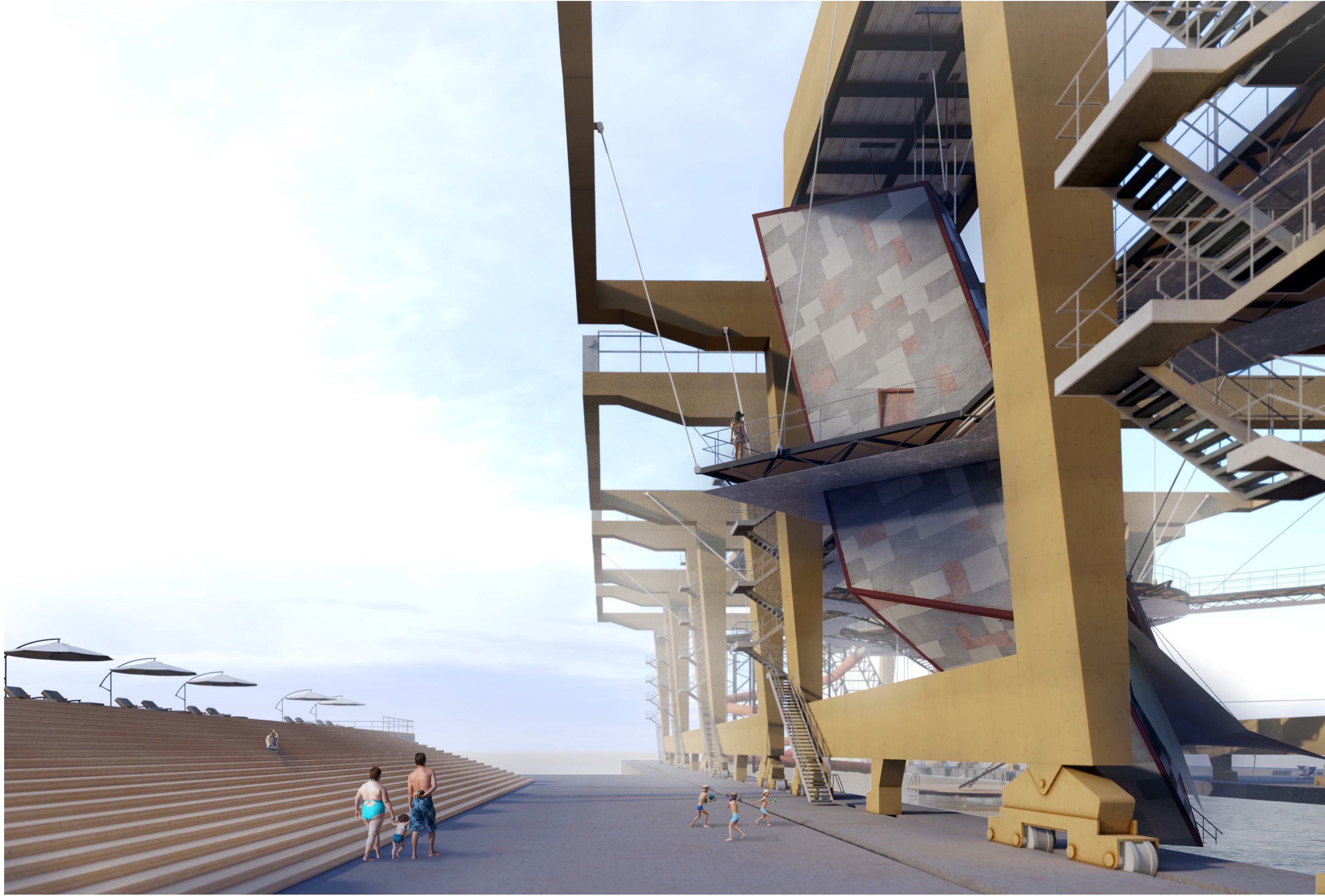
3. Assemble inside the drydock



4. Hang up by the crane & fill with water



SWIMMING POOL



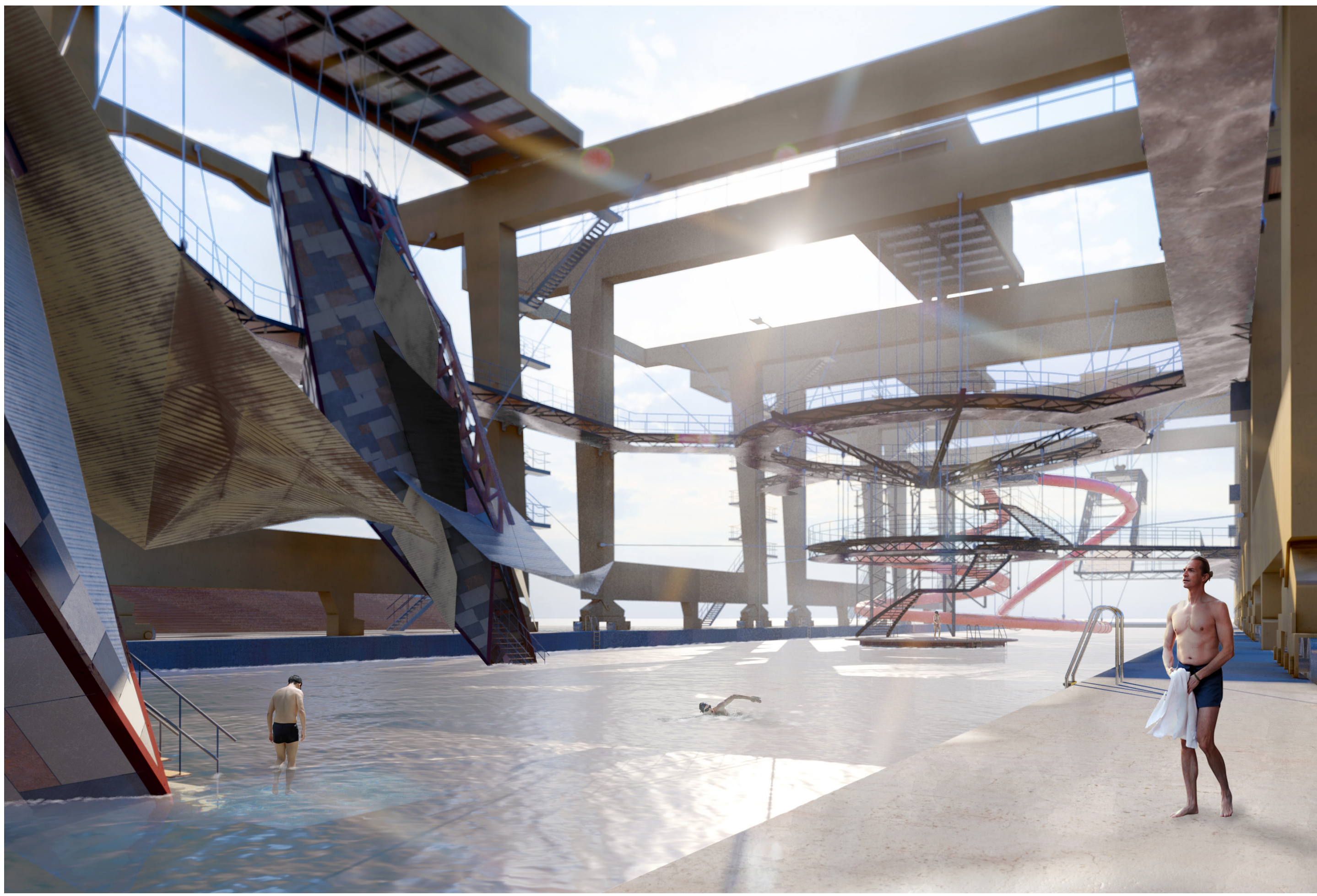
SWIMMING POOL VIEW

SWIMMING POOL



SWIMMING POOL VIEW

SWIMMING POOL



SWIMMING POOL VIEW

SWIMMING POOL

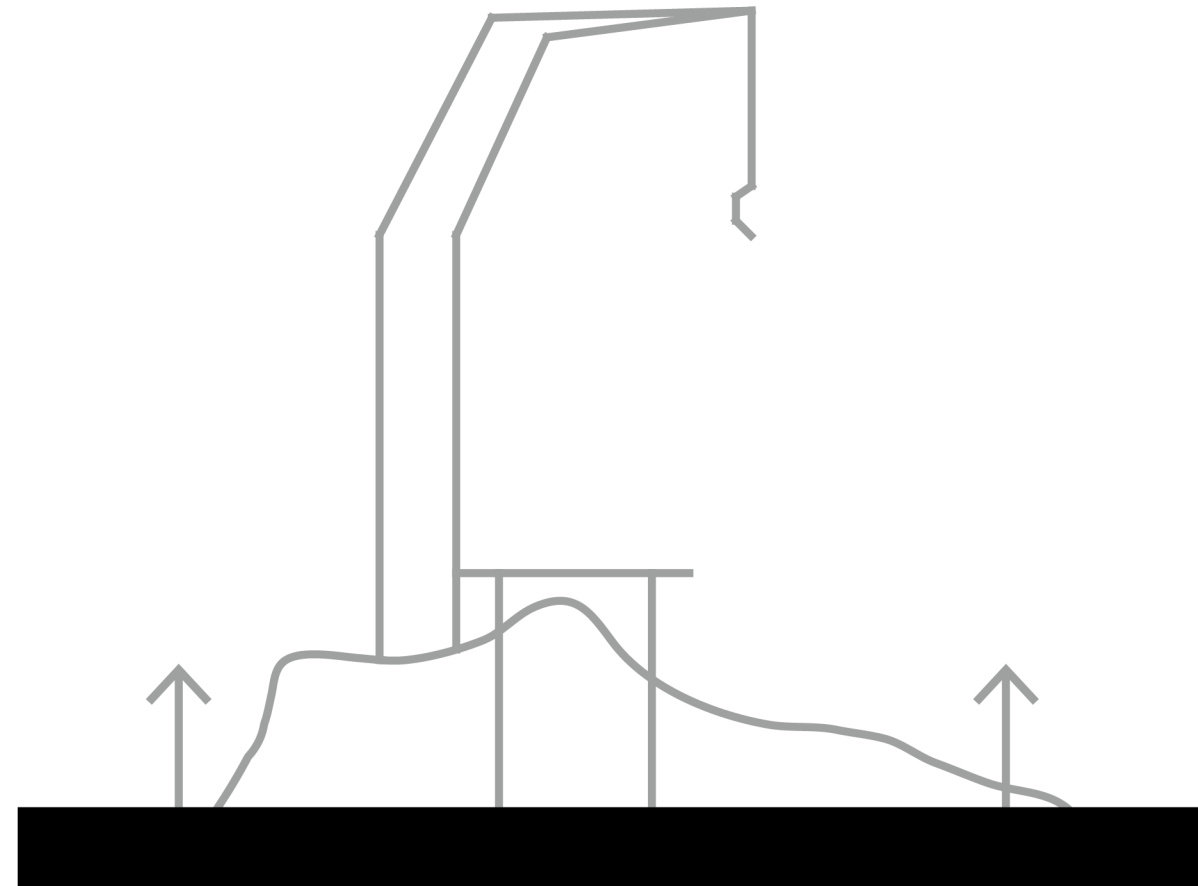


SWIMMING POOL VIEW

SWIMMING POOL

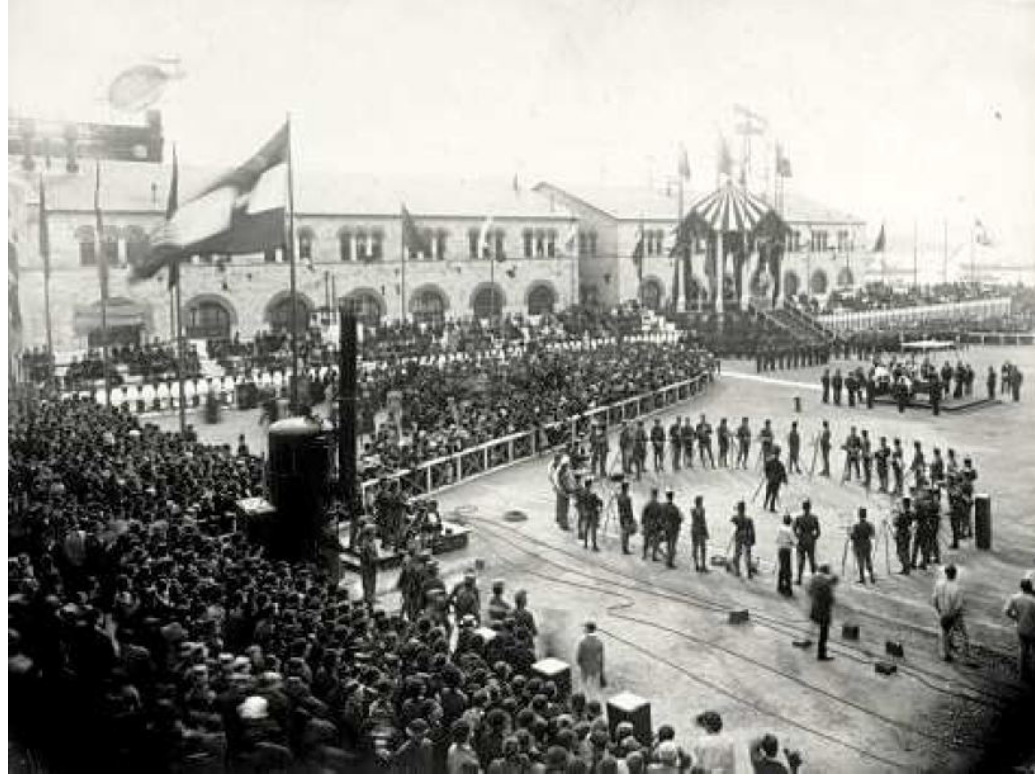


UNDERWATER VIEW

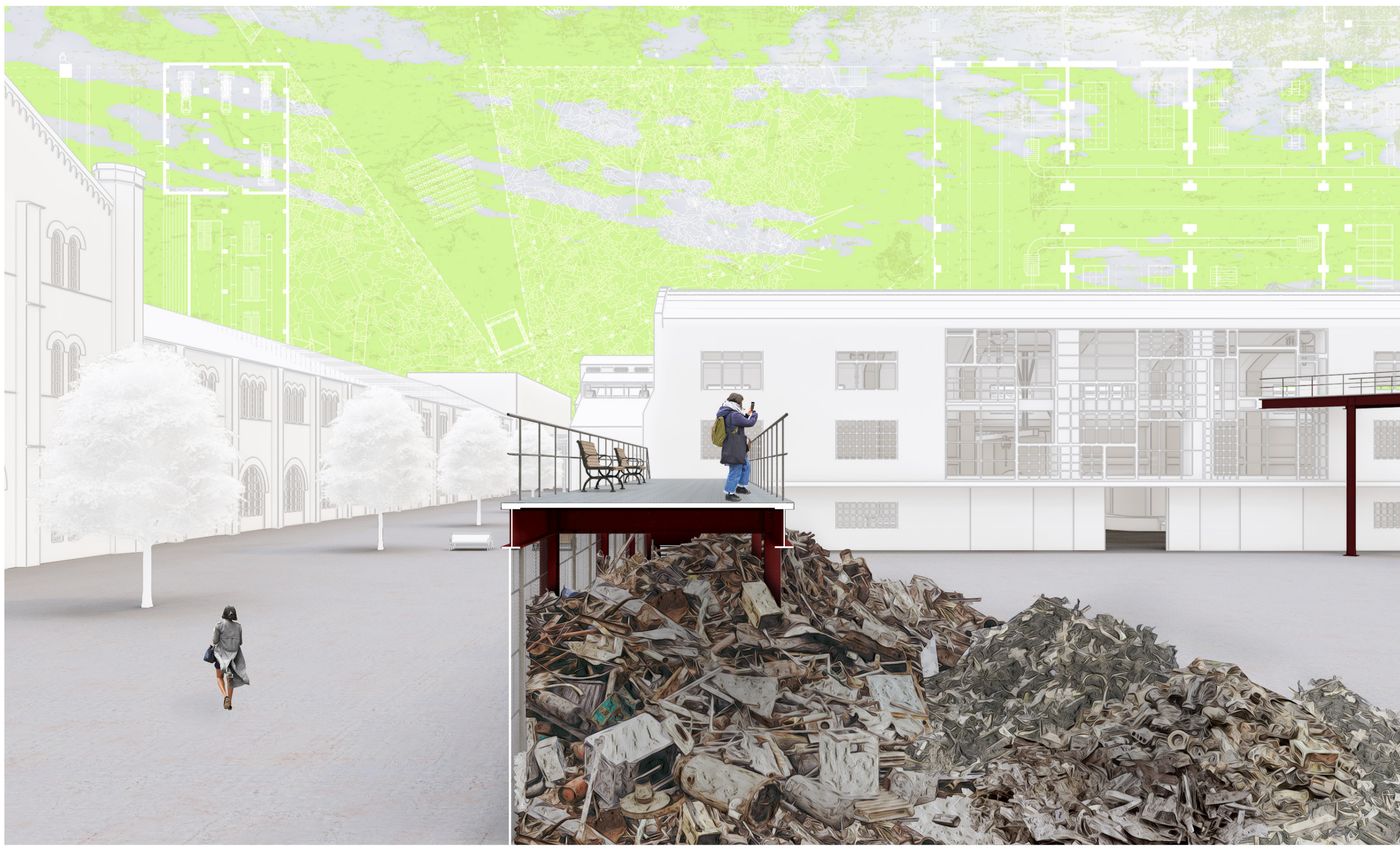


PARK | SCRAPYARD

Open Space for Both People & Materials



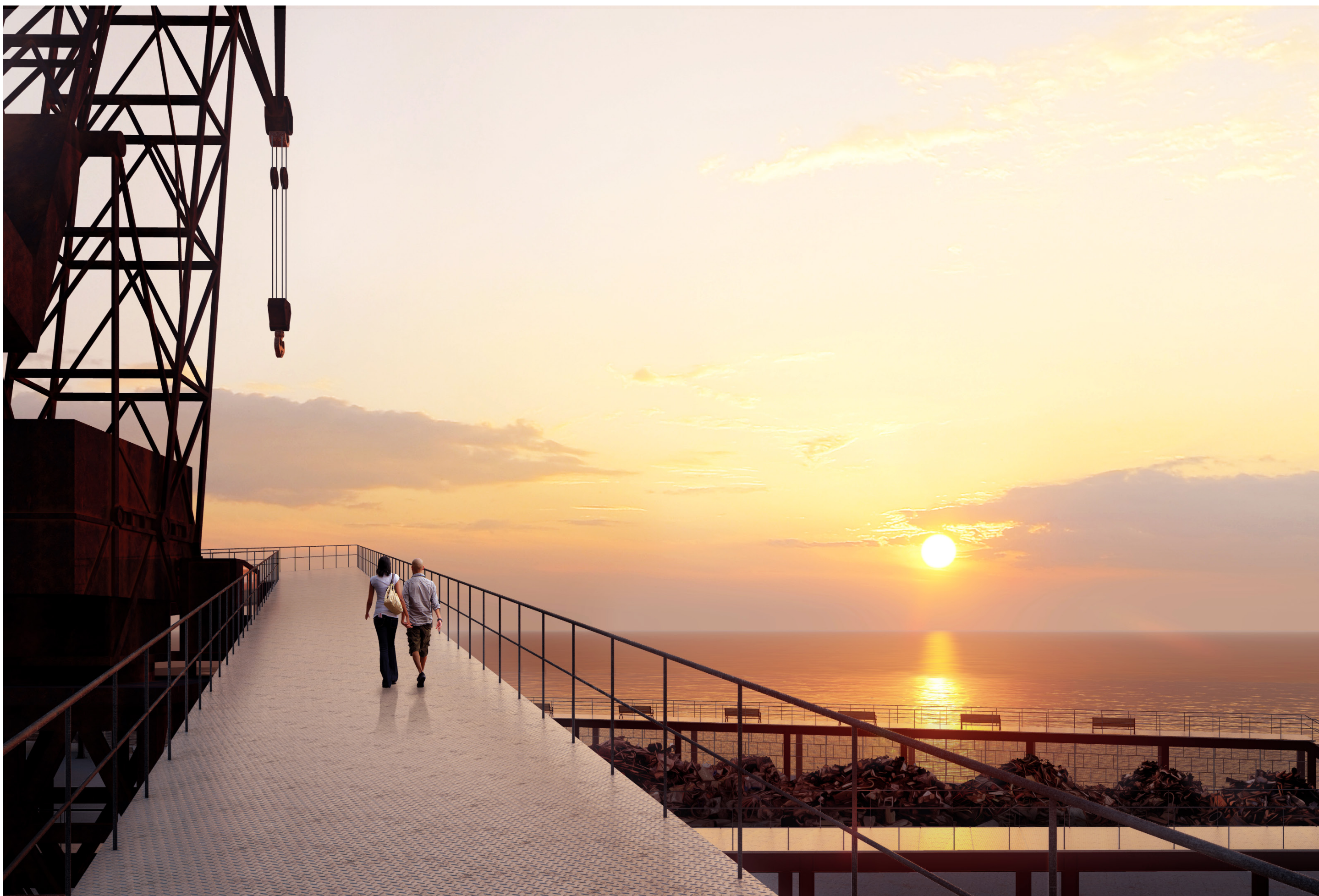


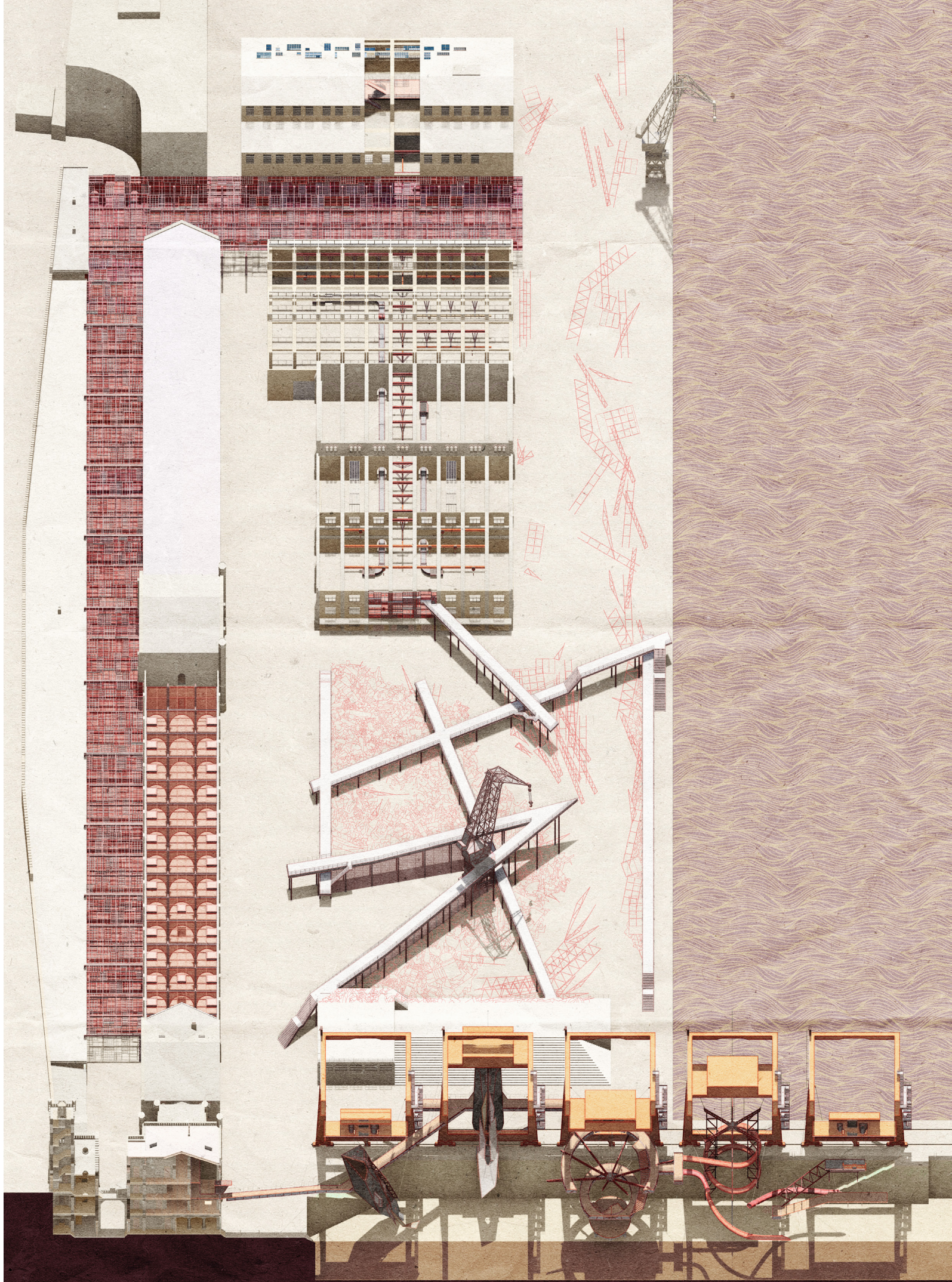


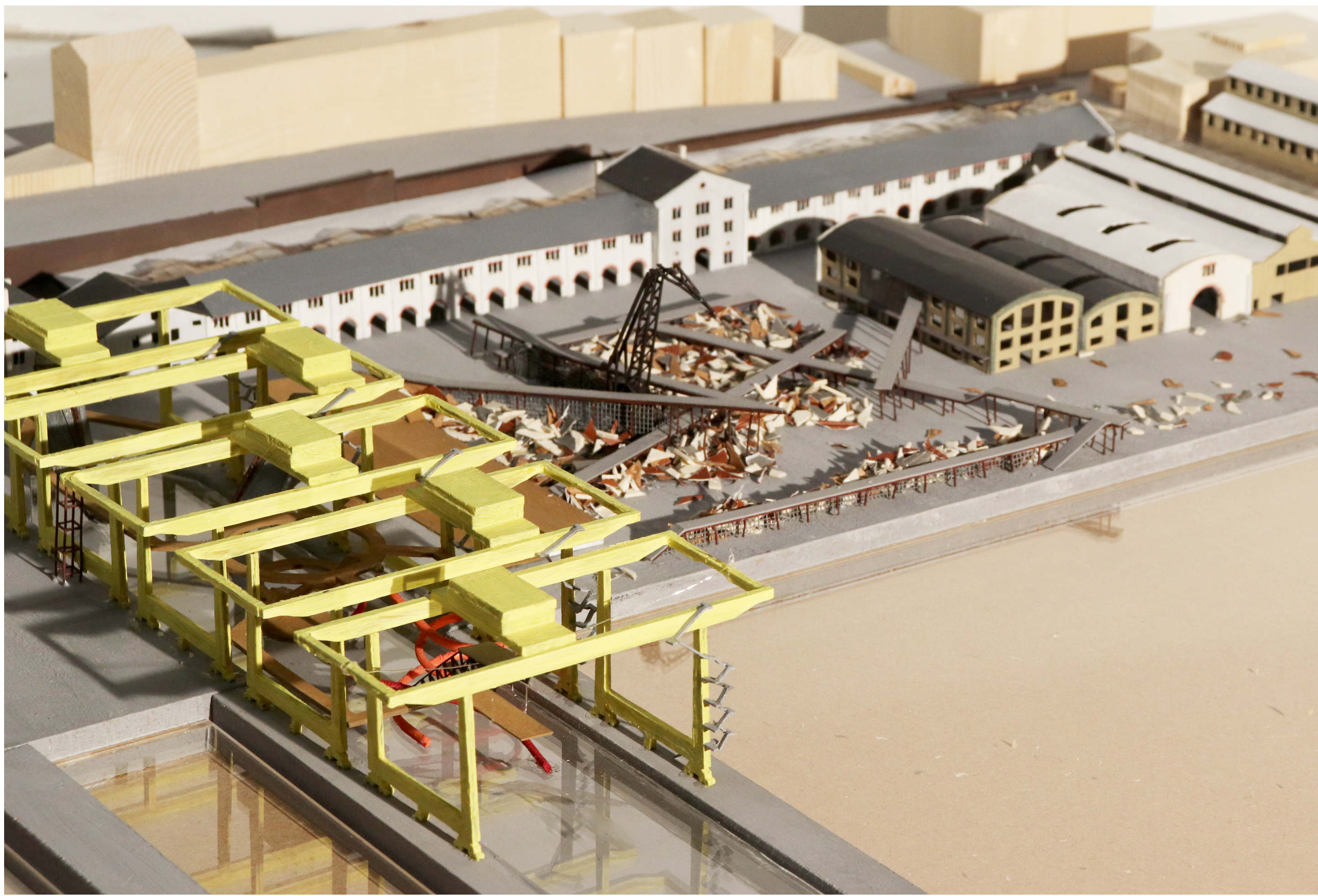












THANK YOU.