



REUSE
SHEPPEY WAR MUSEUM

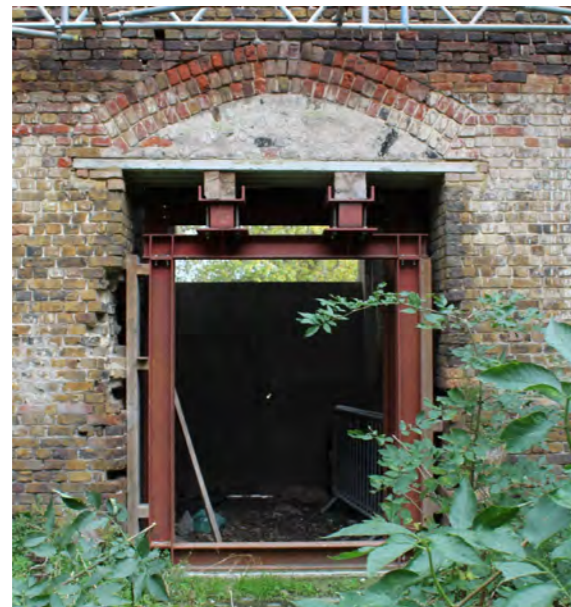
Royal College of Art
School of Architecture
Interior Design

Tutor
Professor Graeme Brooker

KEXIAN LU

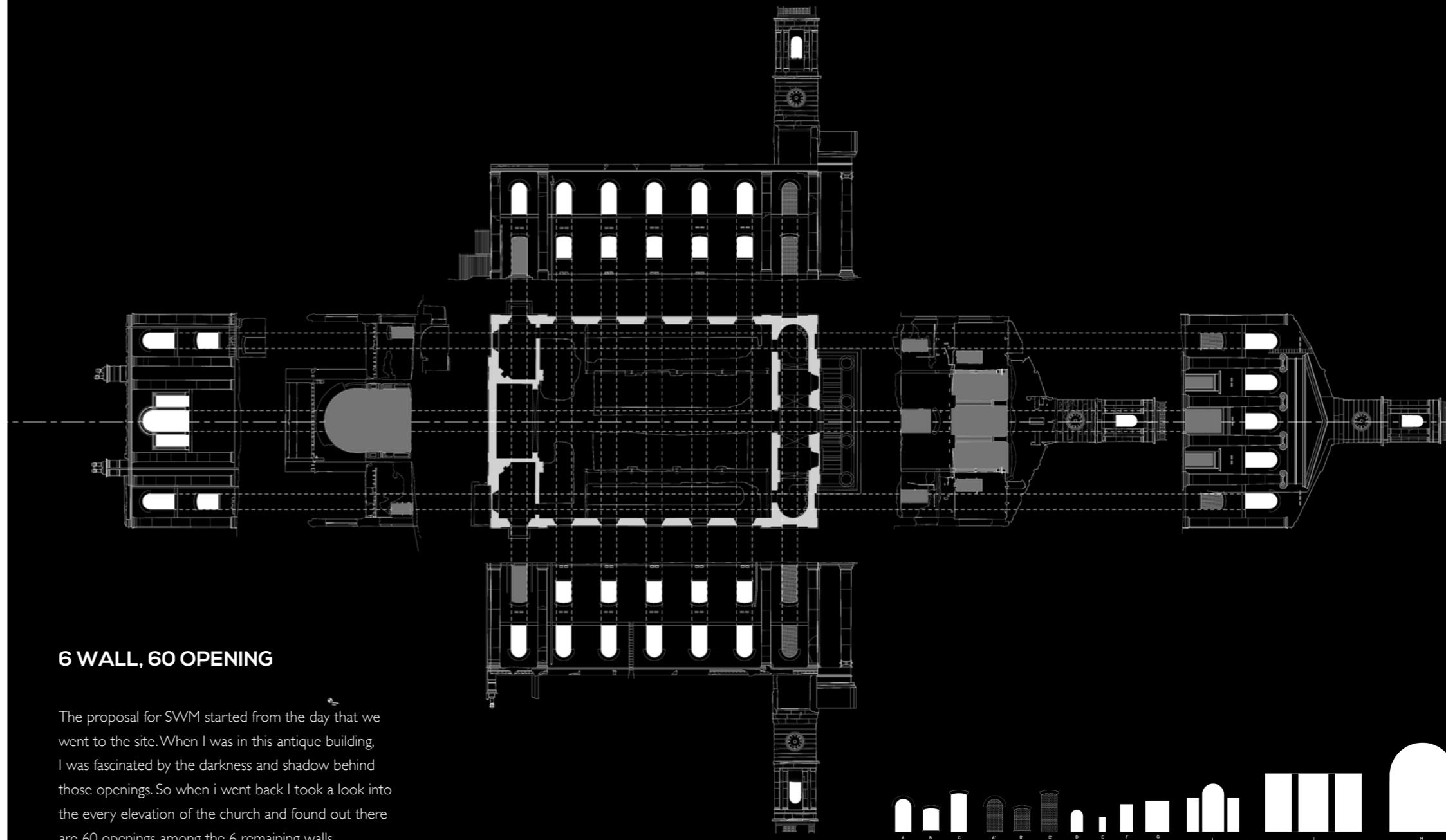
The project illustrates a war museum adapted from an antique religious building.

- OPENING -

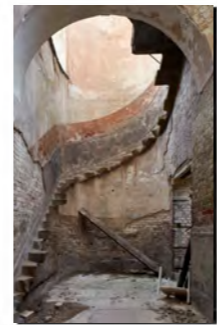
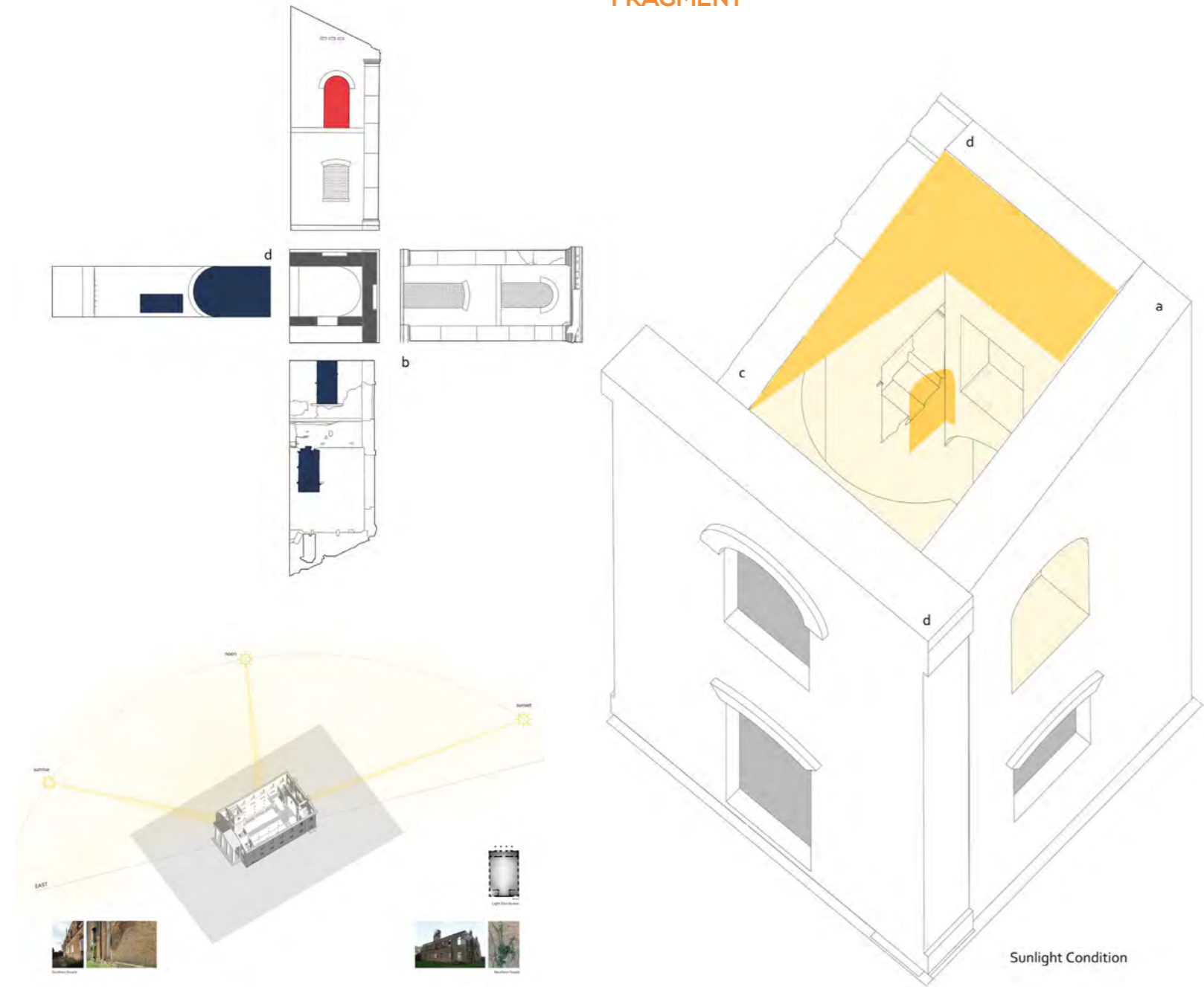


6 WALL, 60 OPENING

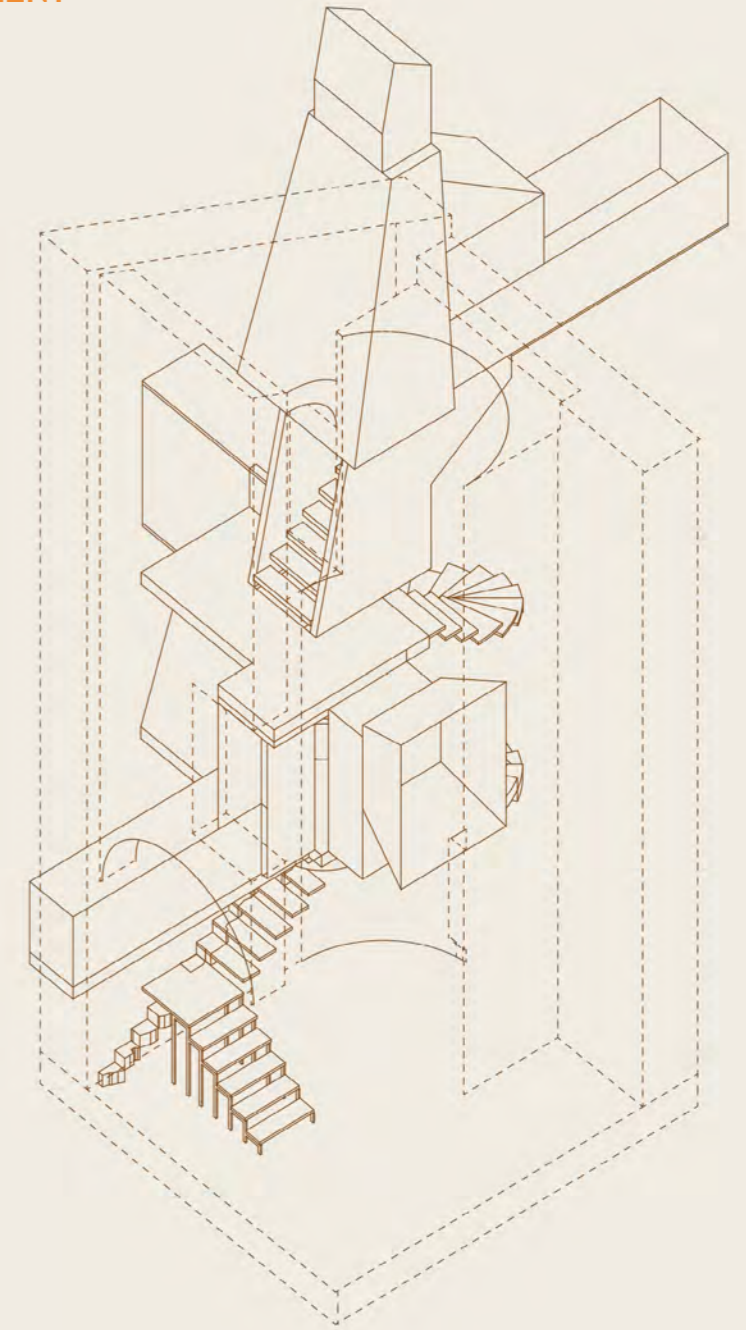
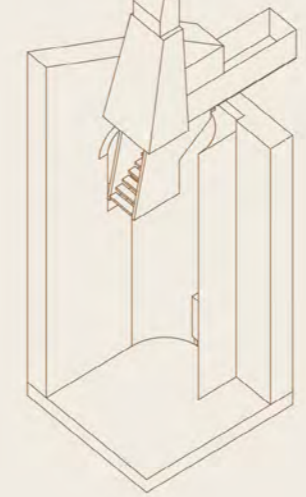
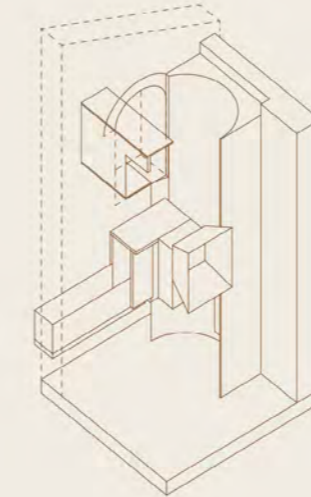
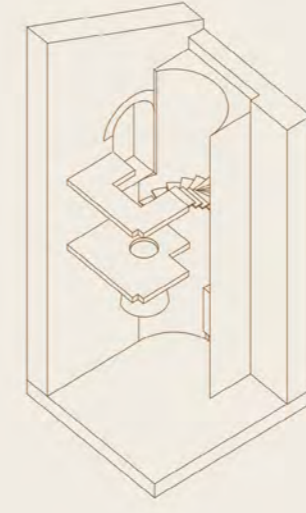
The proposal for SWM started from the day that we went to the site. When I was in this antique building, I was fascinated by the darkness and shadow behind those openings. So when I went back I took a look into the every elevation of the church and found out there are 60 openings among the 6 remaining walls.



- FRAGMENT -

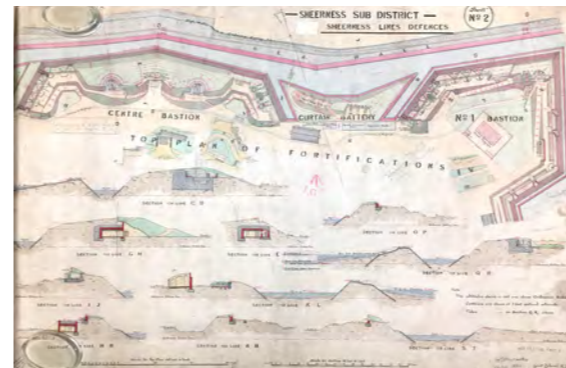
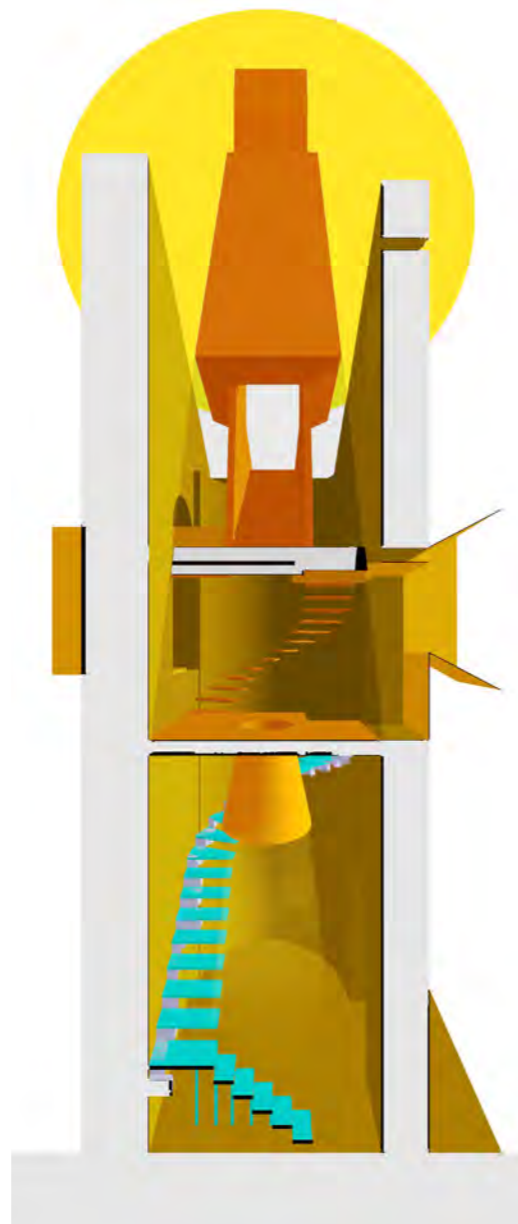


- LIGHTING INSTRUMENT -

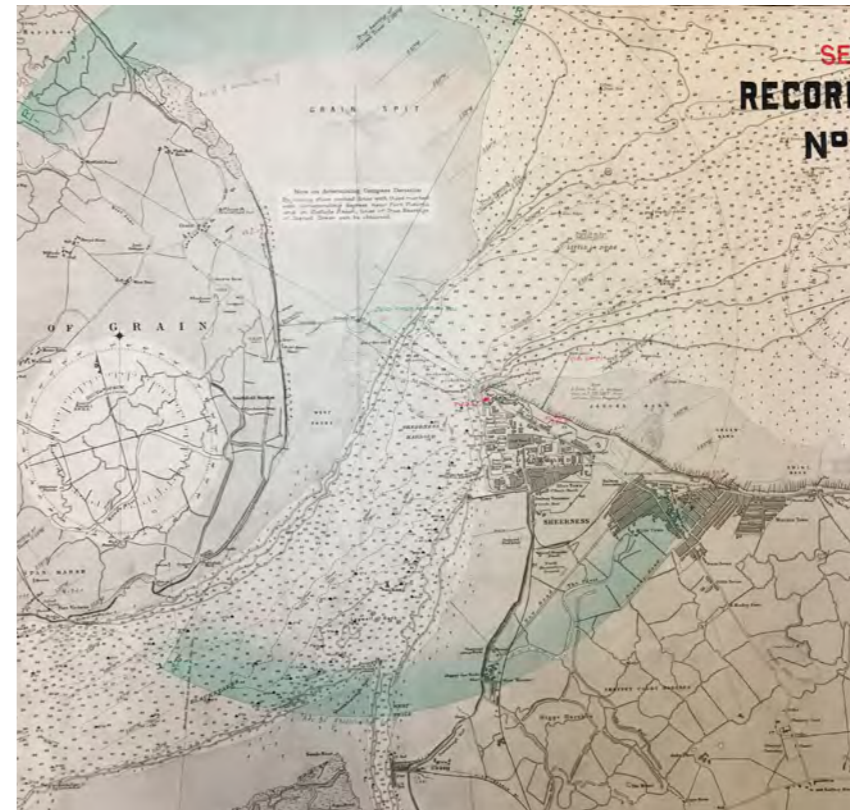




- TOWER -



- HISTORICAL CONTEXT -





Dockyard Life



War & Fortification



Munition Shipping





-SCHEME-



Scheme I elements of walls, bastion, towers, bridges and so on

Scheme II dividing the church in to individual bastions

Scheme III entrance wall facing No.1 Bastion while light tower facing Central Bastion Battery

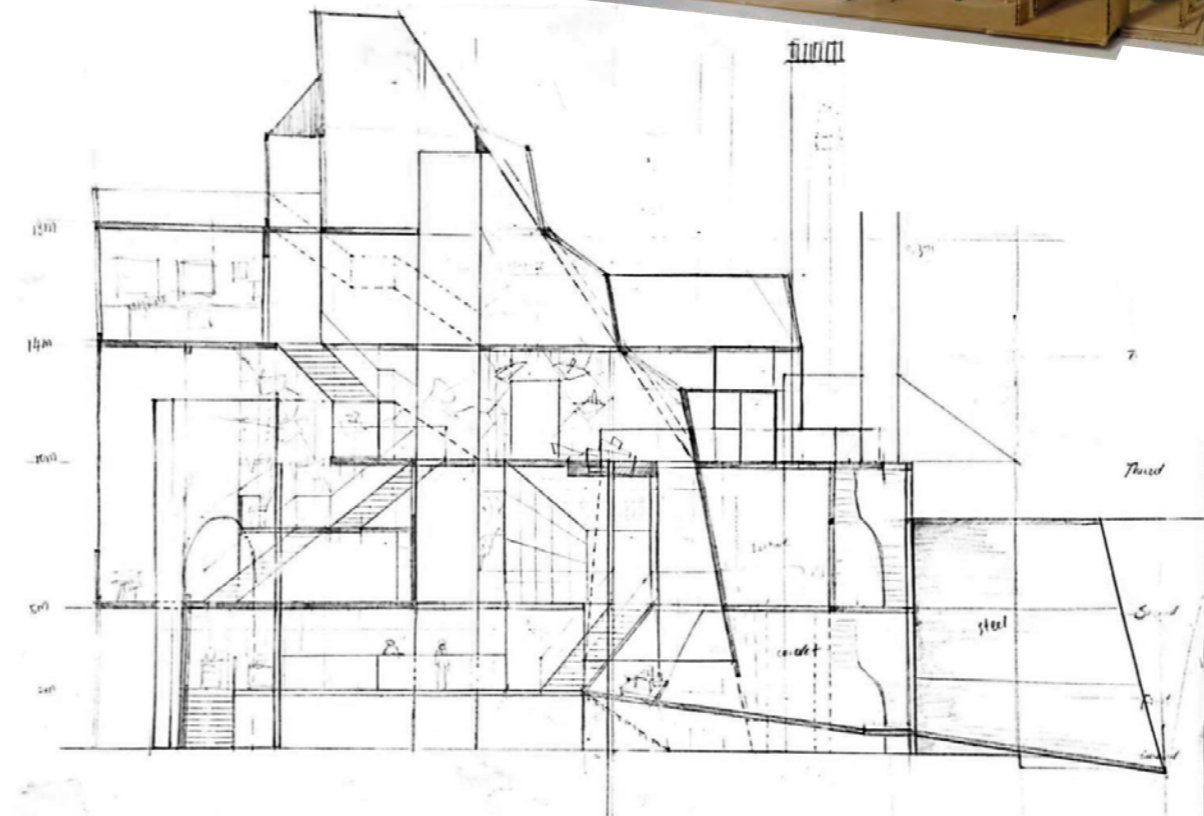
-STAGE I-



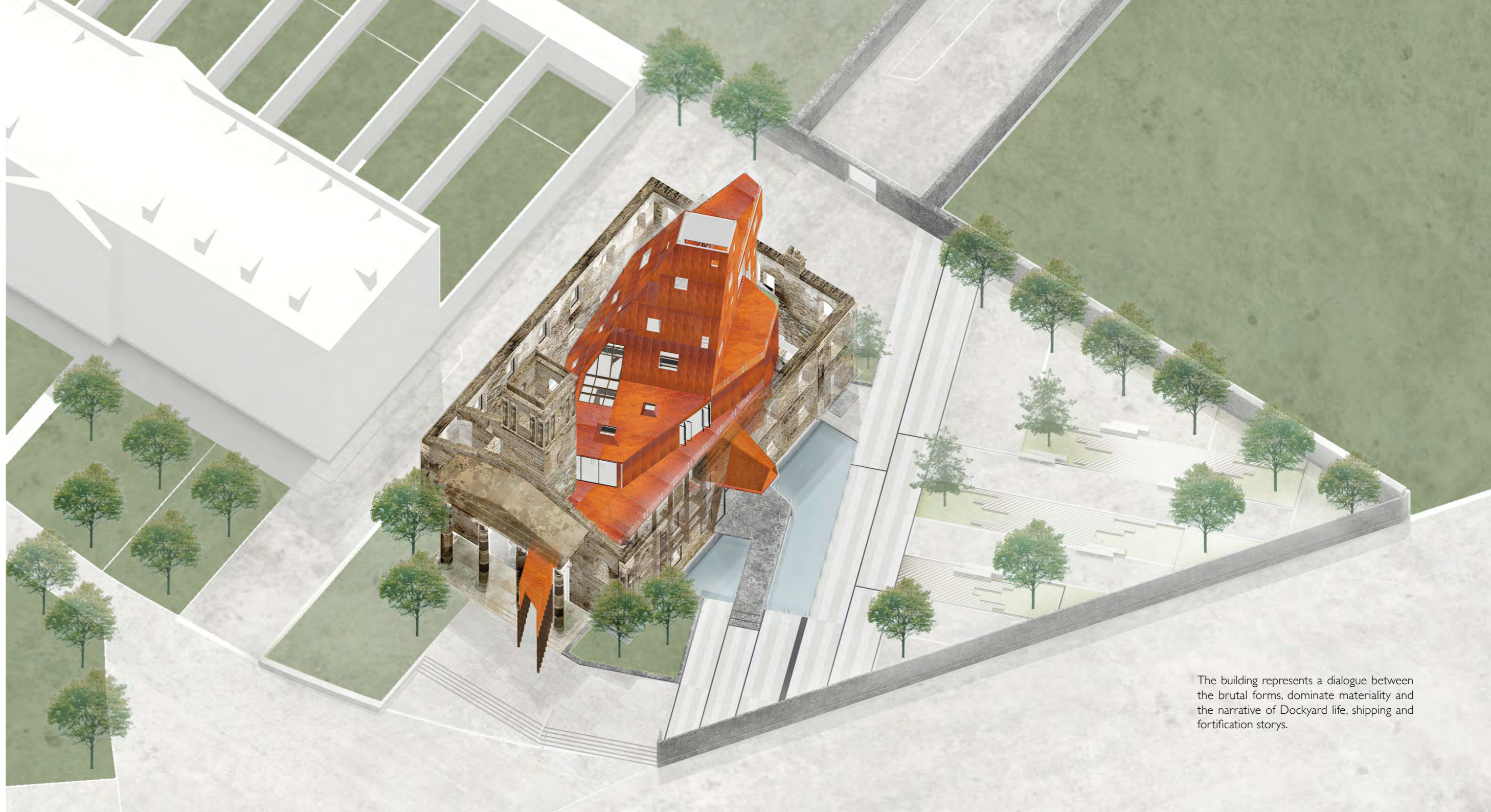
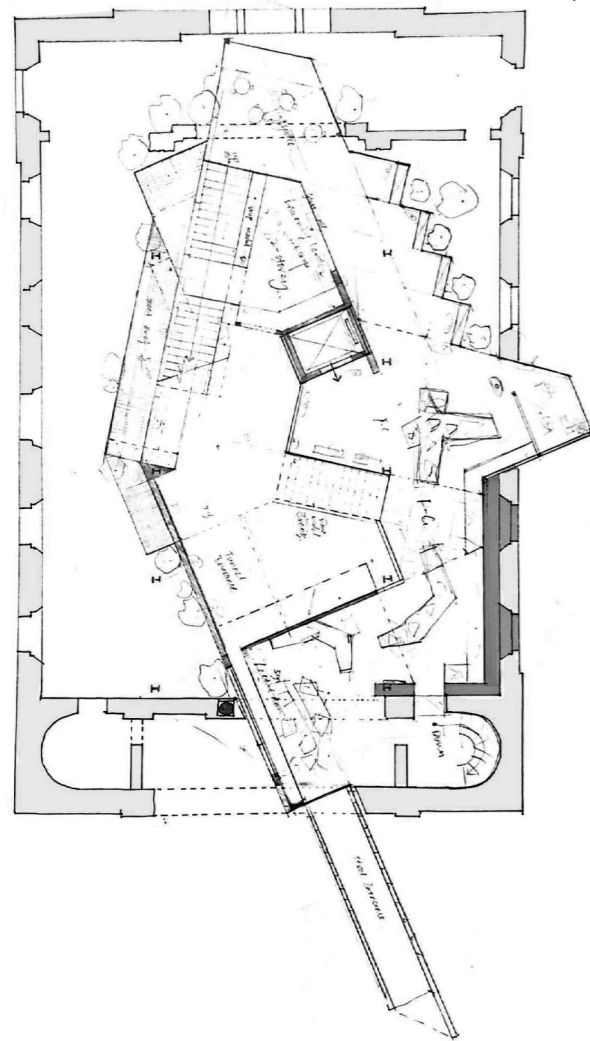
-STAGE II-



-STAGE III-



- "INVADER" -

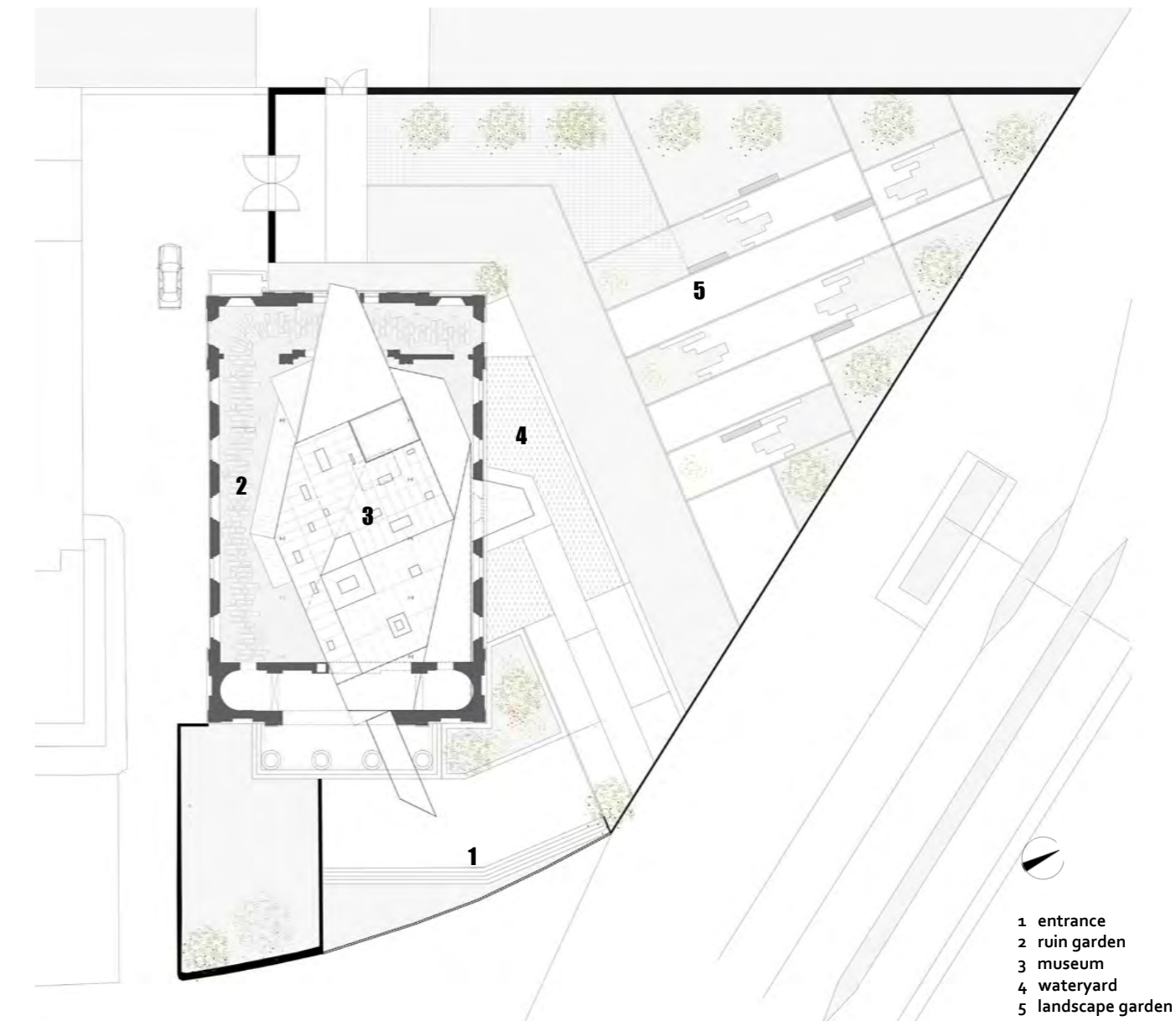


The building represents a dialogue between the brutal forms, dominate materiality and the narrative of Dockyard life, shipping and fortification stories.



The 3000 m² project brings together the museum and a water yard which could accommodate a wide variety of outdoor events and activities. The 700 m² church floor area was irregularly distributed into the solid part of museum and the ruin garden, a walled roofless yard serving as the transitional space in between.

- General Plan -

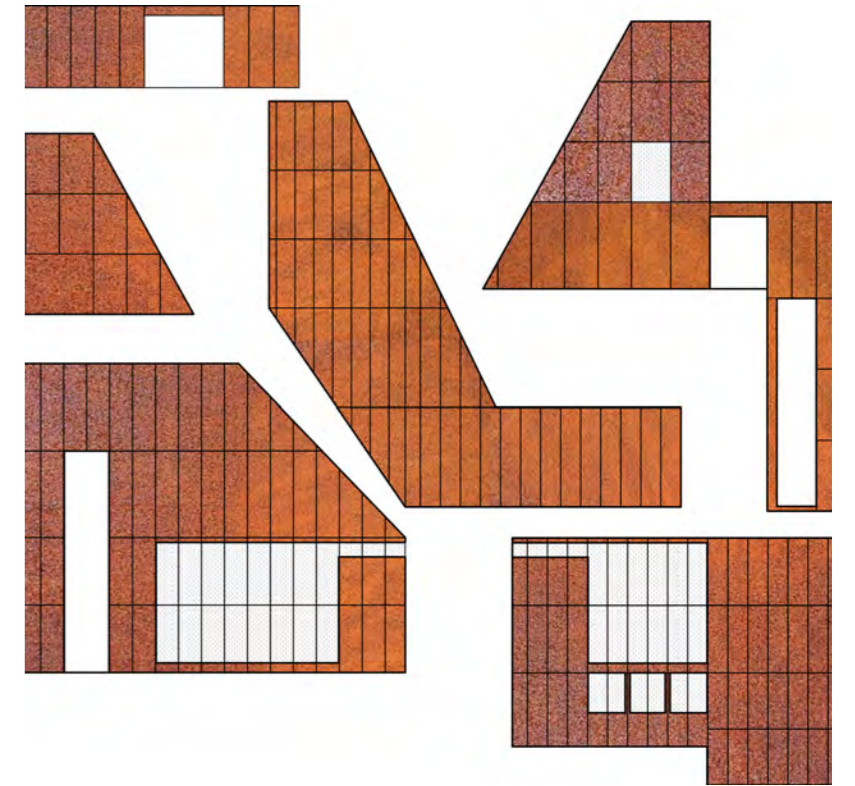


-The Intervention-



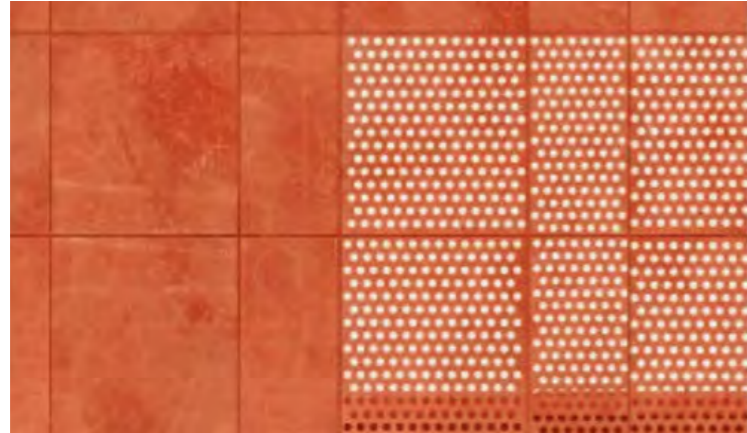


-METAL PANEL-



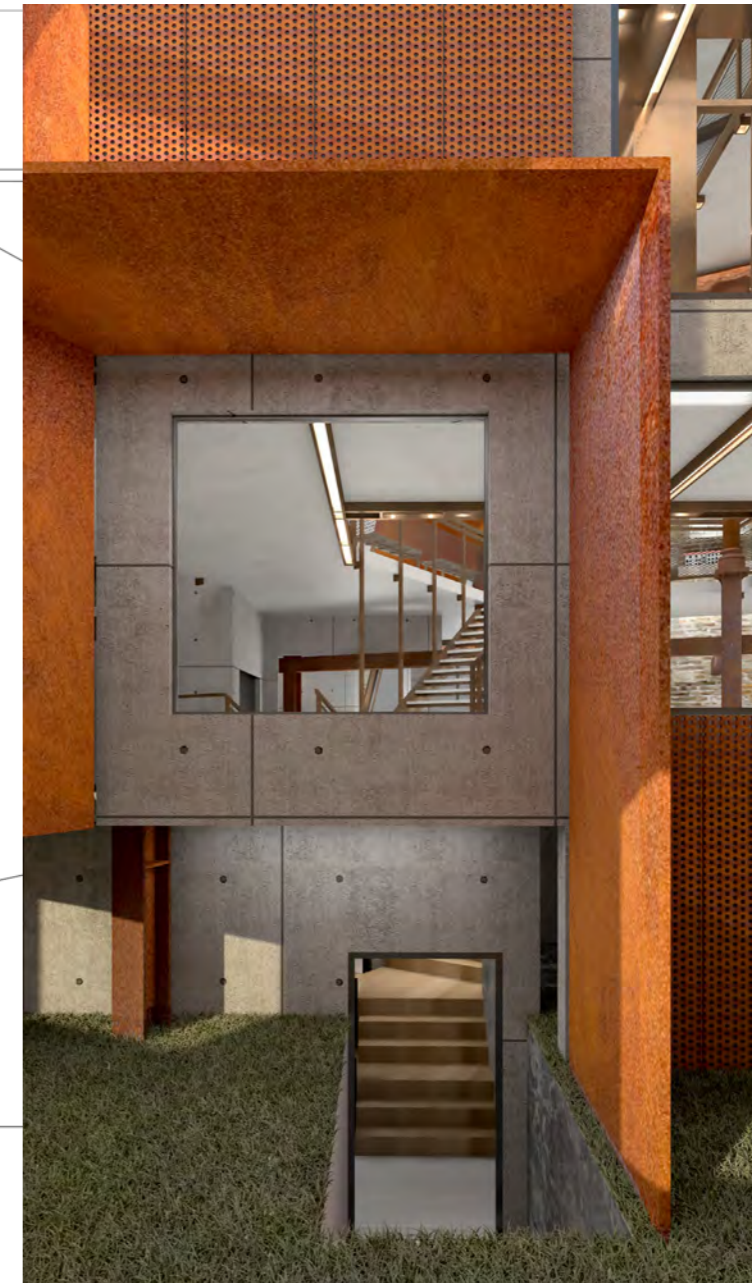
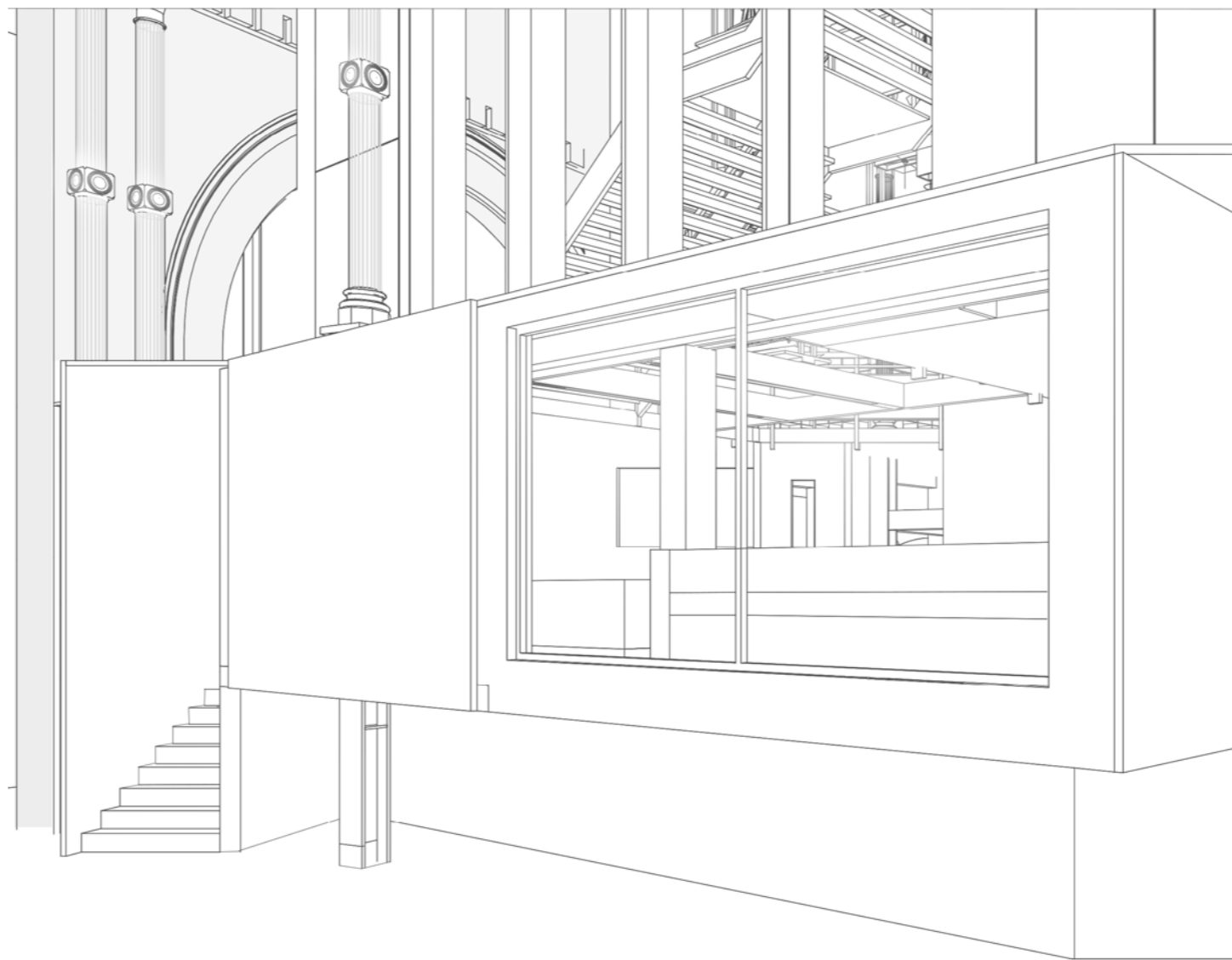
It takes the form of a series of parallel oblongs coated in rusty corten steel with interstices in between. The building is wrapped in a skin of cor-ten steel which is articulated with perforation and hollow opening on it

-MATERIALITY-



The steel is referring to the simple forms and materials of the local ship building and major steel industry. Its weathered patina makes it feel iconic and at home in its surroundings, as if it too has endured centuries of the harsh North Sea weather.





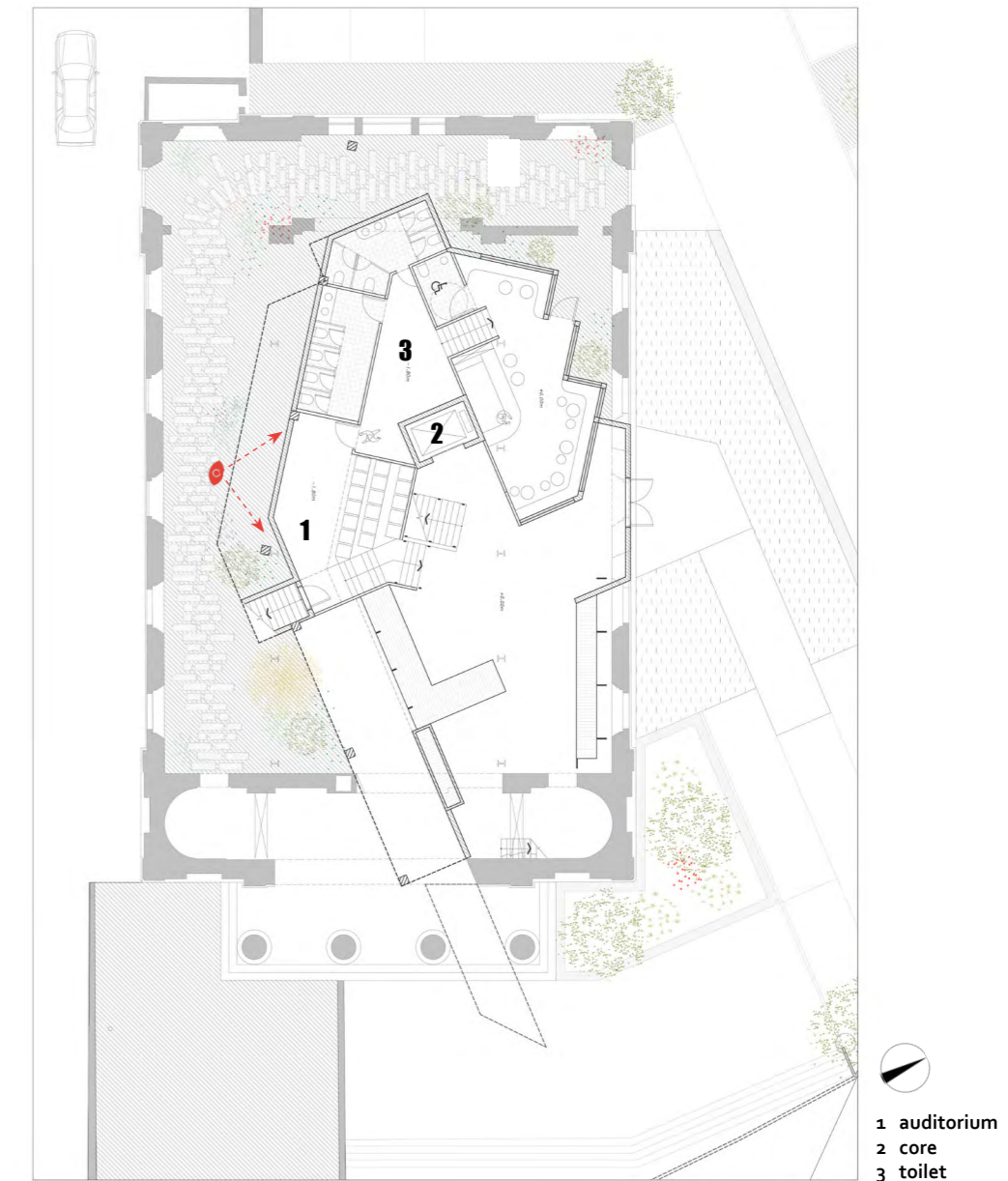
- RUIN GARDEN -

Ruin Garden entrances to museum

Entry to the building is through a protruding sloping passage way. A large basement houses a cozy lecture room, and the Dorckyard models telling the story of Life theme on the ground floor and first floor. Here the ticket desk, shop and cafeteria are housed, with services and circulation placed to the sides, allowing ruin garden views between the museum and the church.

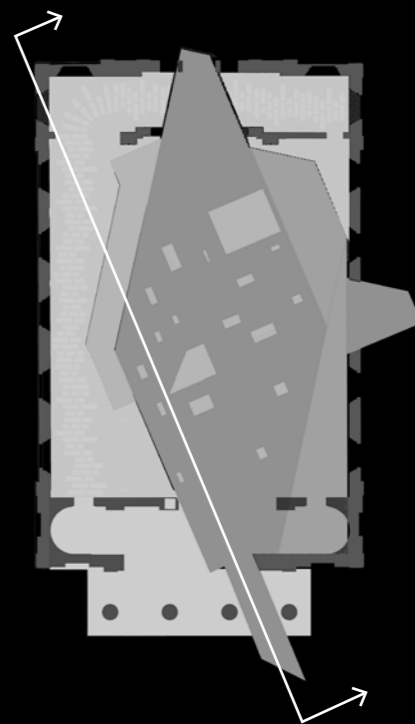


-Basement Plan-





- Section -





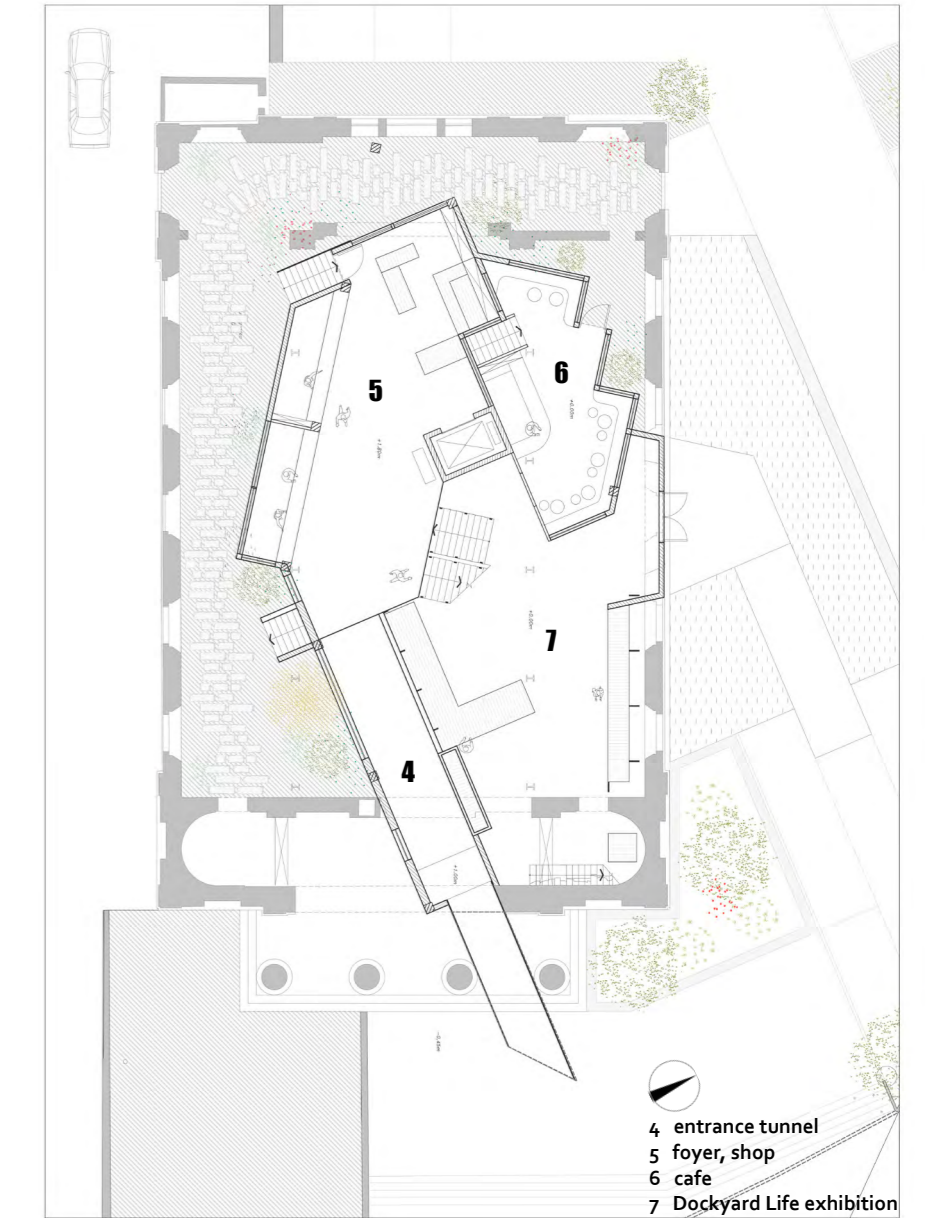
- DOCKYARD MODEL -



So as you walked in, you would have a look firstly at the Dockyard Life theme. It would start as an introduction of shipyard history, illustrating those information of local people, old towns and buildings and ancient objects.



- Ground Floor Plan -





- RECEPTION -

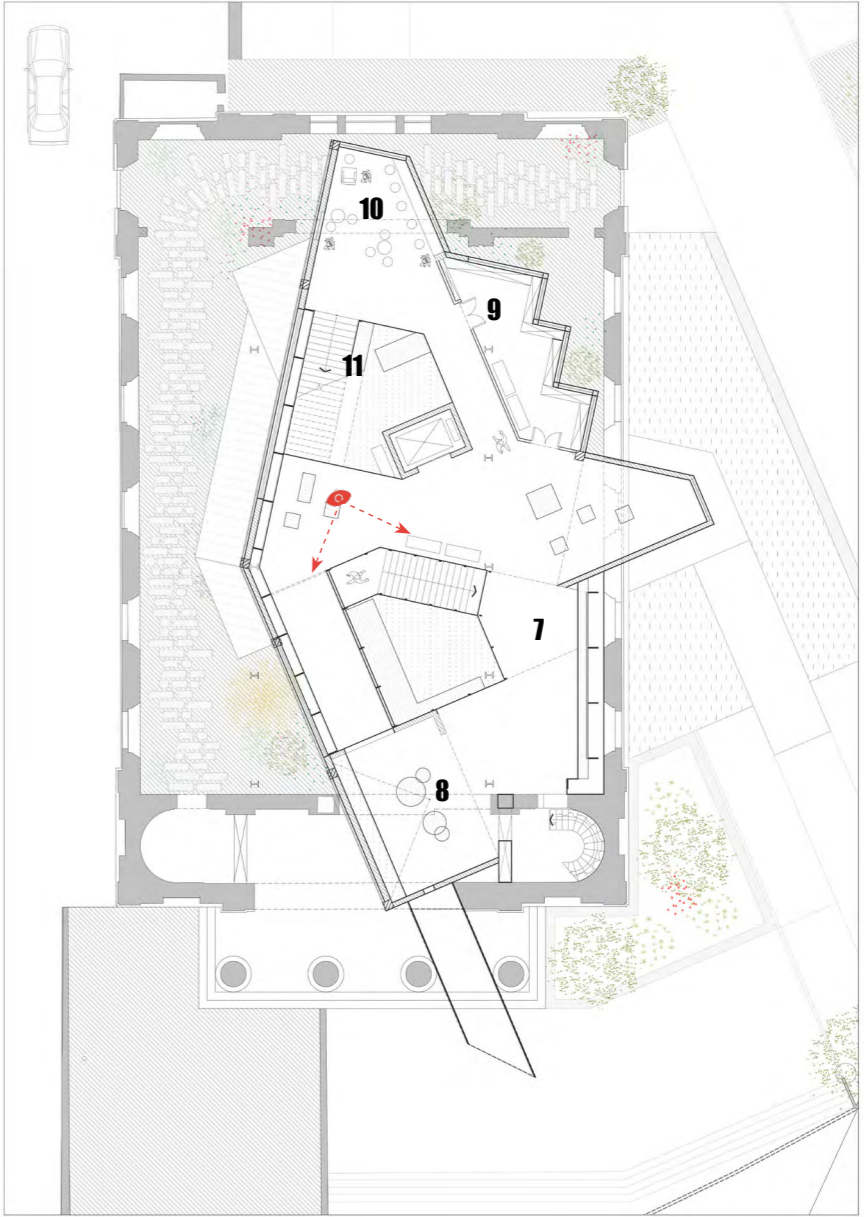


After you finish the service in the reception, you could either walk downstairs to the ground floor which mainly holds the exhibition of Dockyard models built at the end of 19th century, or you could walk upstairs to the atrium part set as a continuity of Dockyard life theme offering various of exhibits of media, models and drawings.



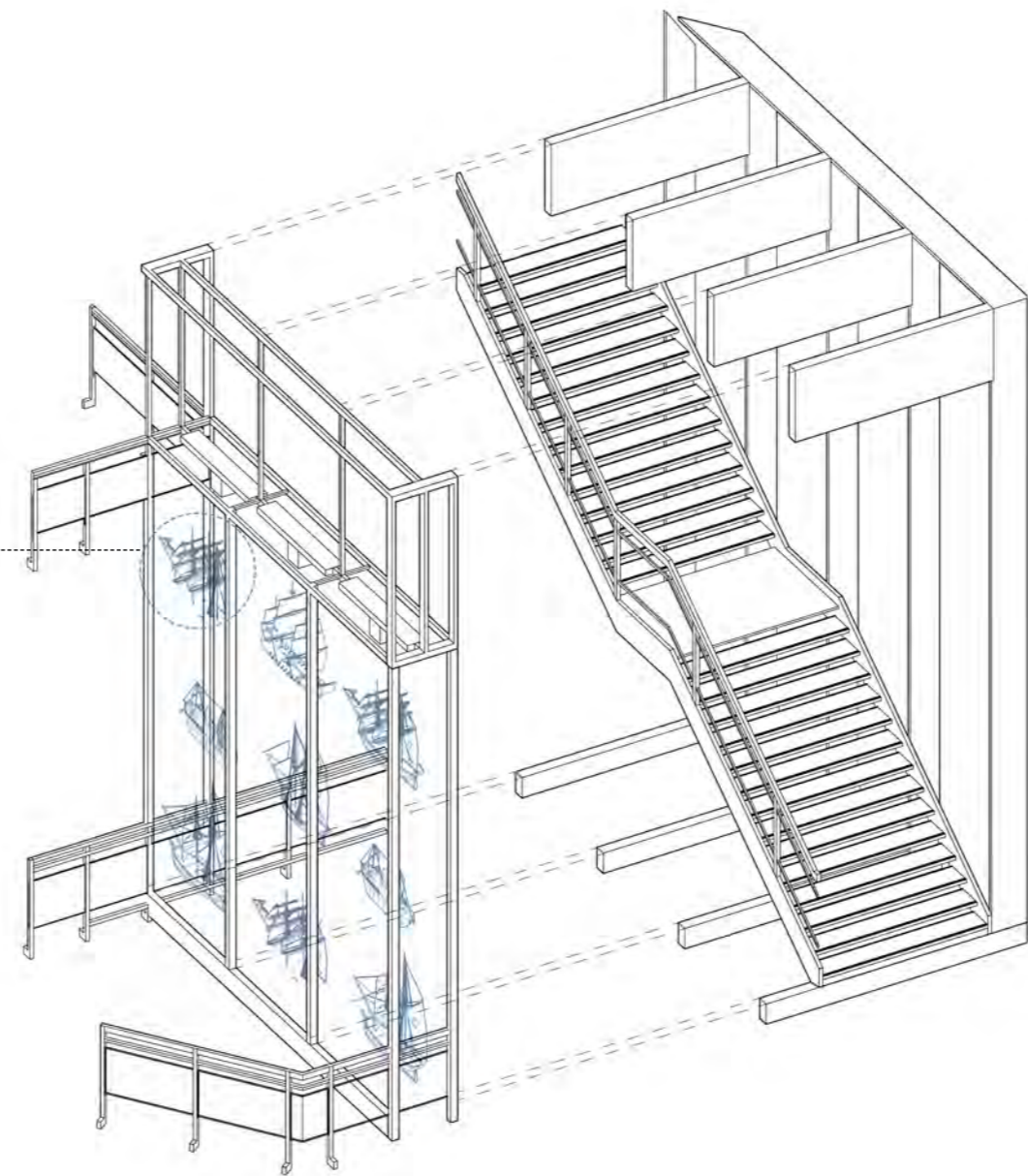


- First Floor Plan -

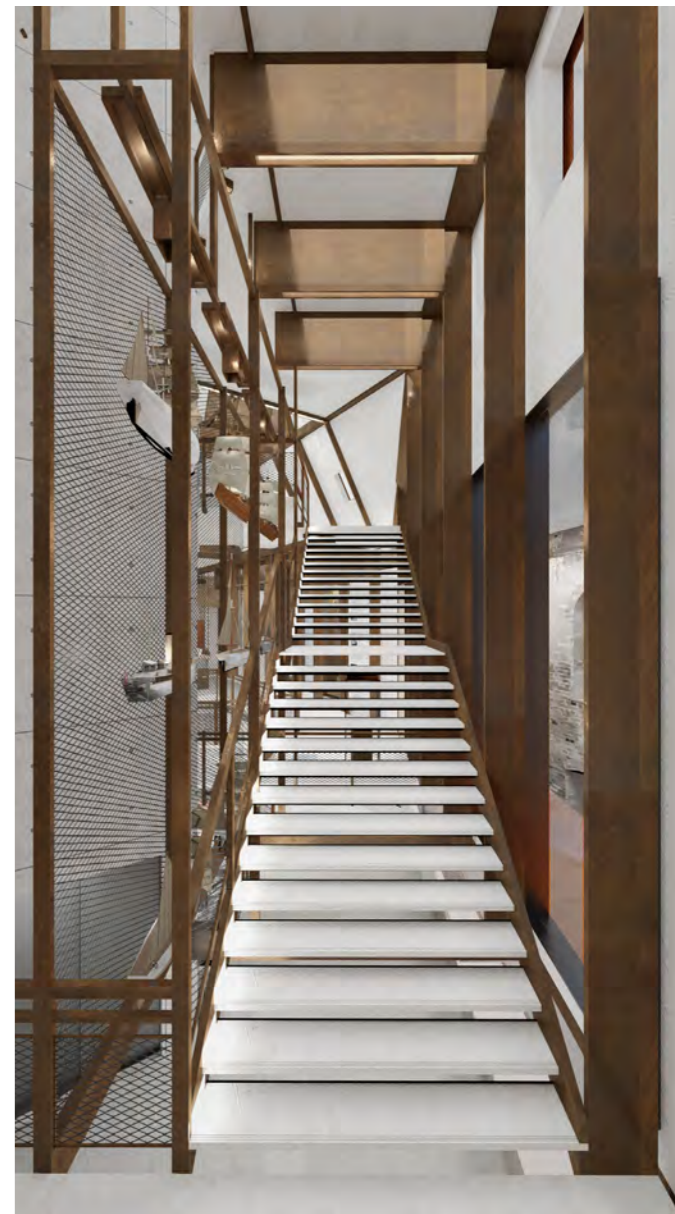




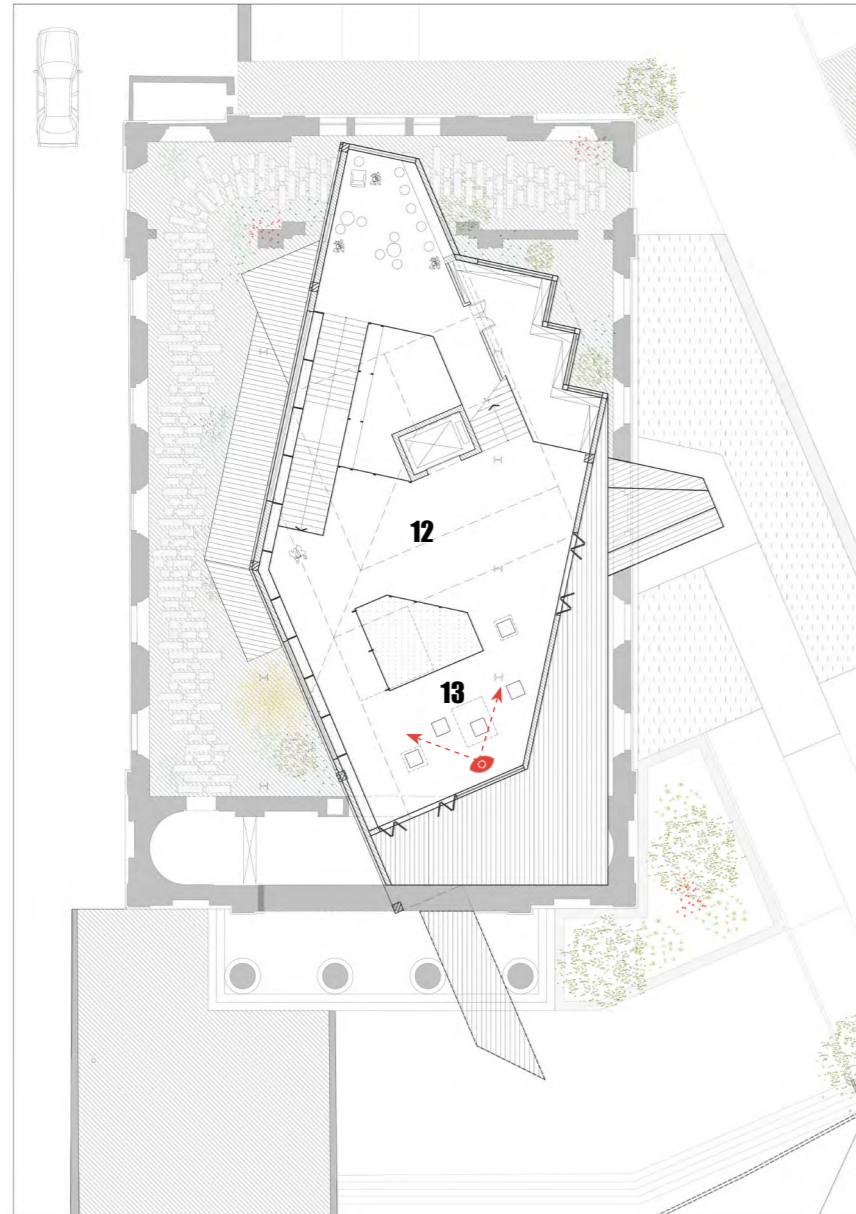
- SHIPPING -



- STAIRCASE -



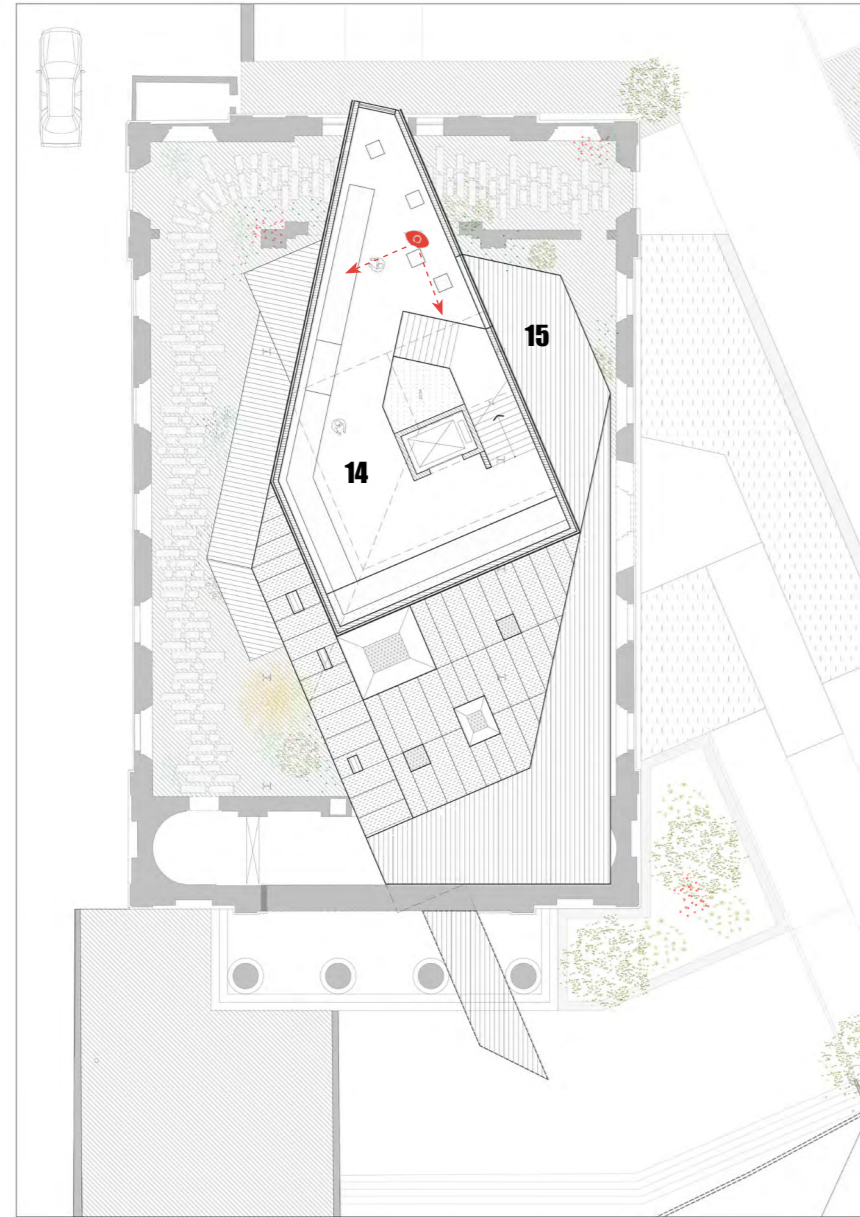
- Second Floor Plan -



12 photography
13 Fortification exhibition



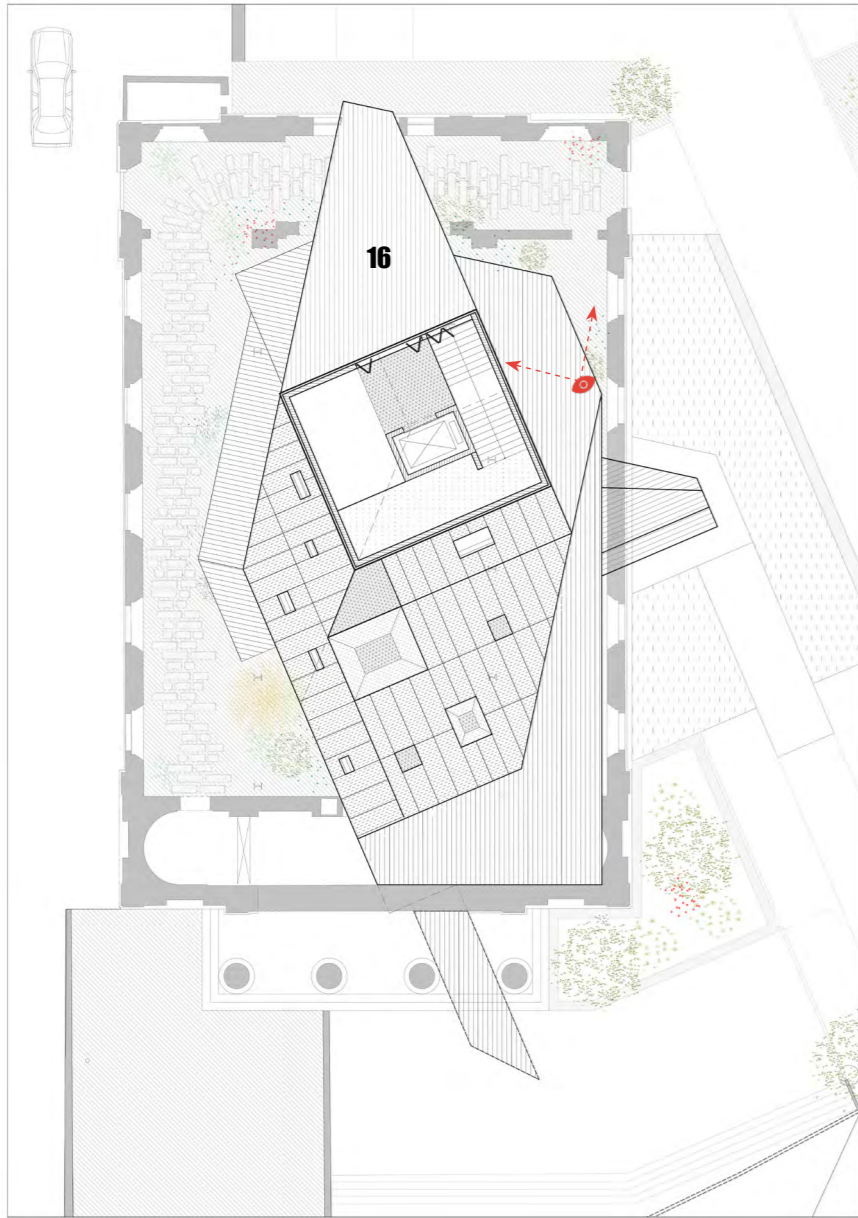
- Third Floor Plan -



- 14 map
- 15 observation terrace



- Fourth Floor Plan -

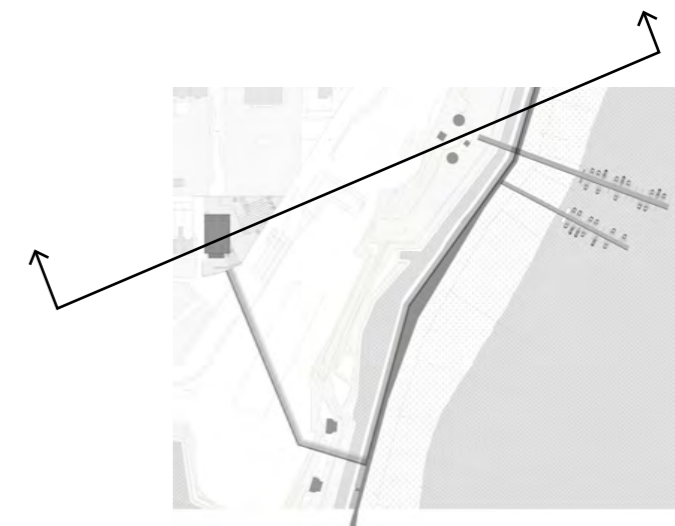


16 roof terrace





- Section -



- BACK VIEW -



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Thank you!

