



Stephanie Hemerlyk Donald, Head, School of the Arts
Andrew Crompton, Head, School of Architecture
Iain Jackson, BA Director of Studies, School of Architecture

Marco Iuliano, Studio 2 Lead
Sandy Britton and Howard Miller, Studio 3 Leads
Asterios Agkathidis, Studio 4 Lead
Torsten Schmiedeknecht, Studio 5 Lead

Funding for this project was generously provided by
University of Liverpool, School of the Arts

Studio Photographs - Martin Winchester
All other photographs - Students' own

Published in 2015

Printed by Imprint Digital, Devon UK

ISBN 978-1-910911-00-6

No part of this book may be reproduced or stored electronically
without the prior permission of the Publisher

© Liverpool School of Architecture 2015
All rights reserved

<http://www.liv.ac.uk/architecture>

Liverpool School of Architecture - BA3
Studio 2 Yearbook - one of four

Edited by
Sandy Britton, Marco Iuliano, Iain Jackson, Martin Winchester

‘If you know your history, then you would know where you’re coming from’, is how the popular philosopher Robert Marley put it, and it is these wise words that Studio 2 have adopted throughout this year. What I’ve admired about this studio is its bold approach in taking on difficult and controversial sites and settings. Working in the shadows of Liverpool’s Three Graces is not something to be taken lightly – whatever is proposed in this context will be controversial, it will stimulate debate and discussion. This studio has channeled these provocations into some fine proposals that are not afraid of suggesting something new, whilst at the same time recognising that an internationally important site needs to be handled with utmost care. In these projects you will observe a rare confidence that is not built on flippant form-making but scholarly understanding.

Second semester was equally adventurous. Although the studio was strongly advised not to take on the task of designing a new building for the Liverpool School of Architecture they did it anyway. This project is particularly timely as the School (as a result of its continued success and international expansion) is rapidly reaching capacity and requires new spaces that will respond to Abercromby Square as well as Professor Sir Charles Reilly’s addition from the 1930s and King McAllister’s rooftop basilica from the 1980s. This project has, of course, stirred some introspection but quickly moved from being a self-examining probe towards thinking about what the architecture of a university should be. Looking at the recent works on campus, it would appear the university needs all the help it can get and would be wise to consult some of the proposals made by Studio2.

Iain Jackson

Not all students realise it but there is a theory behind their education. What happens at the LSA is not an accident. It is based on the ideas of A.N. Whitehead, mathematician and philosopher, colleague of Einstein and Russell.* He thought that education should be delivered in three stages:

- i. Romance
- ii. Precision
- iii. Generalisation

These stages are the basis of Years One, Two and Three at the LSA. In First Year you learn to love architecture, in Second Year you learn the rules, in Third Year you create something. In this album of graduate work we see what happened when the spark of first year set light to the rigour of second year. Explaining this in words is somehow insufficient, as architects we naturally prefer to show what happened with a picture.

* Alfred North Whitehead, “*The universities and their function*”, in *The Aims of Education*. (New York: Free Press, 1929).

Andrew Crompton (Part 1 of 4)



Introduction

In an increasingly globalised setting the dominance of visual seductiveness and soulless technology has neglected the main value of architecture: providing an occasion to convey material and immaterial qualities.

Studio Two's objective is to tackle the current trend.

As well as working on theory, we aim to re-think space in a pragmatic manner, through the critical interpretation of historic and contemporary examples.

To apply this philosophy, the first semester focused on the construction of a small maritime museum on the Canning Dock, paying particular attention to materials, their connection and the atmosphere they generate.

The second semester was devoted to design a new Liverpool School of Architecture, in addition to the existing premises. Established in 1895, Liverpool is the first Architecture School in the United Kingdom accredited by the Royal Institute of British Architects. It currently stands as a combination of a Georgian Terrace, a Modernist building of the 30s and an extension completed in the 80s.

Particular attention was paid to the impact of the project at an urban level, the community agenda and the conception of architectural space. The final projects have been generated through an unconventional methodology of three consecutive steps: conceptual mapping, experimentation via models and, at the end of the process, detailed design.

Marco Iuliano

Studio Leader:
Marco Iuliano

Studio Tutors:
Emma Curtin
Ian Scullion
James Jones
Paul Bower
Peter Farrall
Pooya Sanjari

Students

Anderson, Daniel
Balogun, Tunmise
Barrett-Affleck, Laura
Bryan, Hannah
Cai, Shushu
Chen, Baiwen
Cole, Eleanore
Consolini, Giacomo
Cummings, Craig
Draganova, Nevena
Fu, Ka-Ho
Goncalves-De-Almeida, Ana-Sofia
Guirov, Michael
Ho, Geraldine
Ho, Jason
Ho, Te-Sha
Huang, Yi
Huang, Yuning
Huang, Zixuan
Jiang, Wen
Jiang, Ziyi
Jung, Seungyun
Karadia, Sejal
Kirby, Thomas
Li, Jing
Li, Nuoyang
Liu, Fengdi
Liu, Yiyue

Lv, Ruiqi
Mei, Yujiangmeng
Moss, Will
Posso, Michael
Prakash, Ishaan
Qian, Shengyu
Ran, Xuerong
Roberts, Ffion
Sansao, Marcos
Shi, Yun
Simon Varghese, Sini
Su, Shuyang
Tan, Jin
Tian, Han Han
Teng, Chi
Topping, Nicholas
Wei, Zhihao
Williams, Alice
Wu, Yucheng
Xiang, Yunpeng
Yao, Kailin
Zhang, Menglei
Zhao, Weijing
Zhou, Jie
Zhou, Qi
Zhou, Yida
Zhu, Xiaofei
Zhu, Xiaoyuan



Semester One

Into the Docks: A Maritime Gallery

'You employ stone, wood and concrete, and with these materials you build houses and palaces. That is construction. Ingenuity is at work. But suddenly you touch my heart, you do me good, I am happy and I say: *This is Beautiful*. That is Architecture'. (Le Corbusier, 1923)

The first semester of third year presented a challenge in which could only be used one main structural material to design a medium sized maritime gallery on the docks. For a thorough understanding of the construction principle and the materiality, the students were allocated one of the following materials: timber, stone, brick, steel, concrete. Glass and a secondary material were optional to use, so as to enhance the designs.

The design process was established as follows:

1. Analysis of precedents, materials and site;
2. Brainstorming for space generation;
3. Tectonics, to build a performing structure;
4. Detailed design and rendering.

Semester Two

Back and Forth: A New School of Architecture

The final project of third year was to design a new School of Architecture: students were given the freedom to connect their scheme to the existing building. Furthermore, a conscious approach towards sustainable design was instilled, with particular attention to materials and conservation with a 'durable' outlook. To fully explore the functional and social qualities of the site a three-step methodology was devised.

1. Conceptual Mapping: through a sensitive analysis on site the students were required to capture the spirit of the existing fabric, using their preferred medium - e.g: collage or photography. It led to an abstract representation of the site to form a driver for the project. A 1:100 model of a space the students felt relevant was also produced to physically relate to the human scale.
2. Space Modelling: the exploration between mass and void to find the compositional potential of each scheme was encouraged via models. Simultaneously, the students were expected to consider the functional and practical organization of the new school with sketches.
3. Detailed Design: in the last weeks the students focused on the technical and aesthetic detail of their design, considering the scheme as a whole.

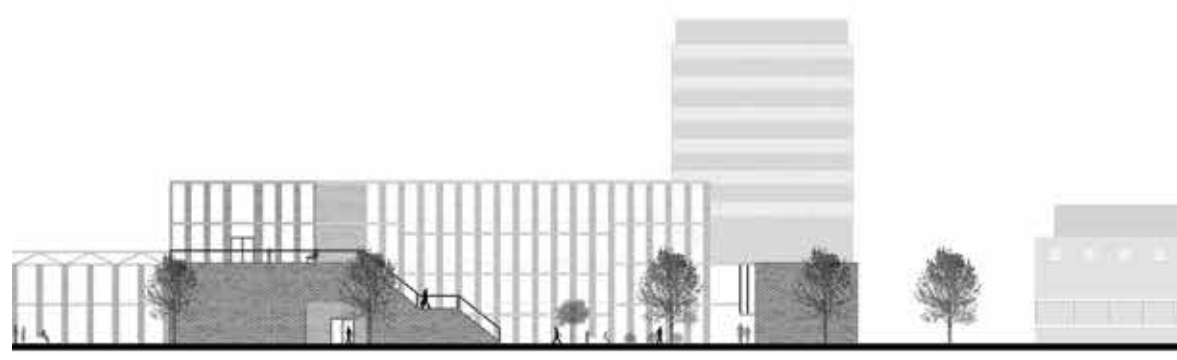


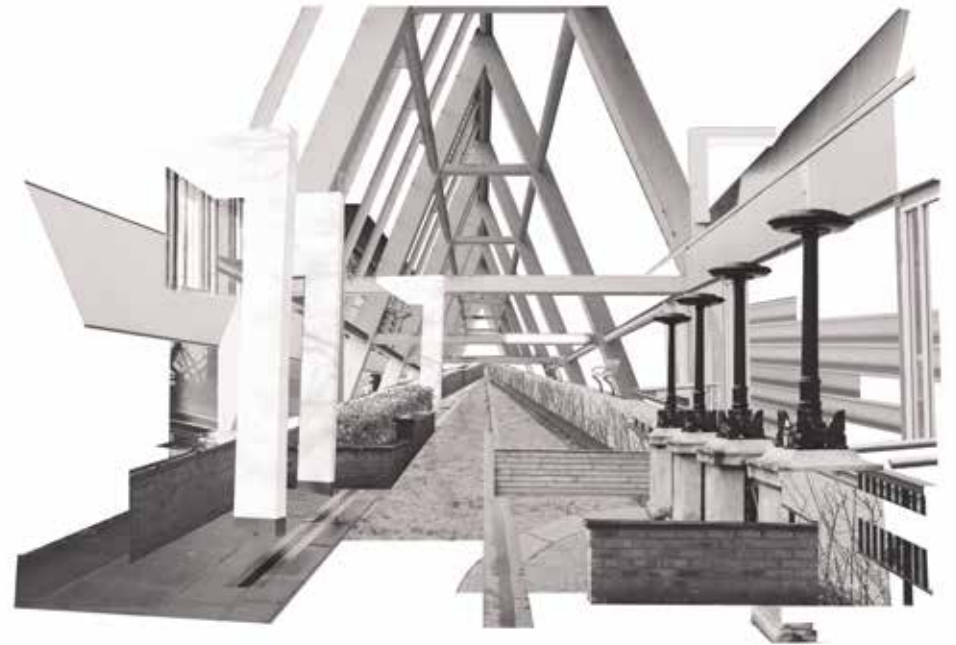
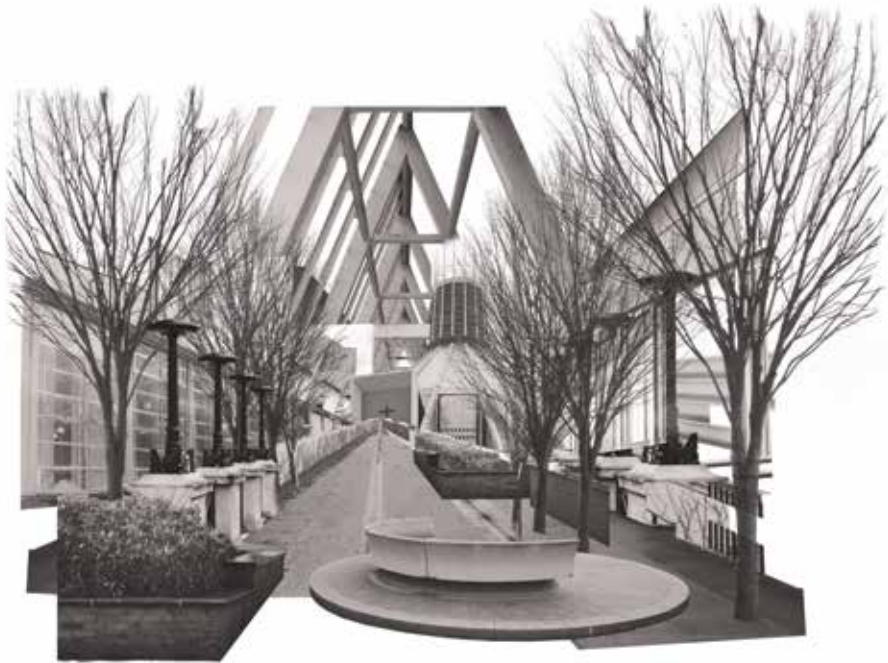
Liverpool, Canning Dock 53.402527, - 2.9933788

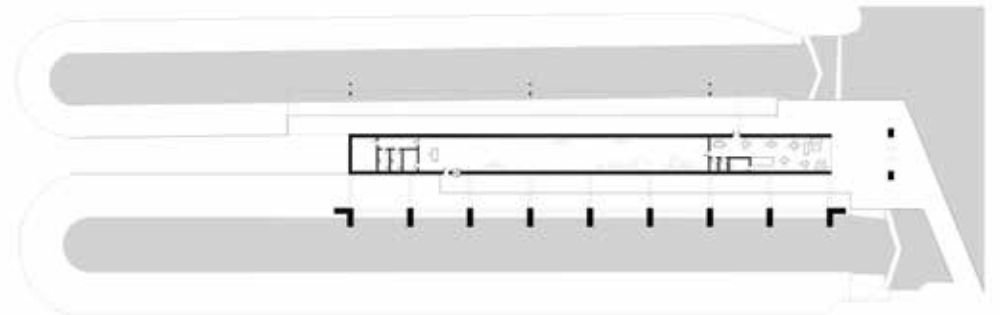
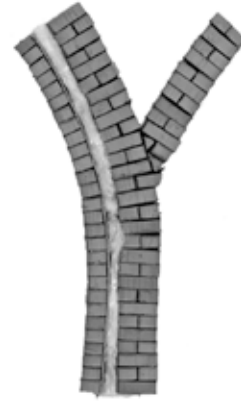


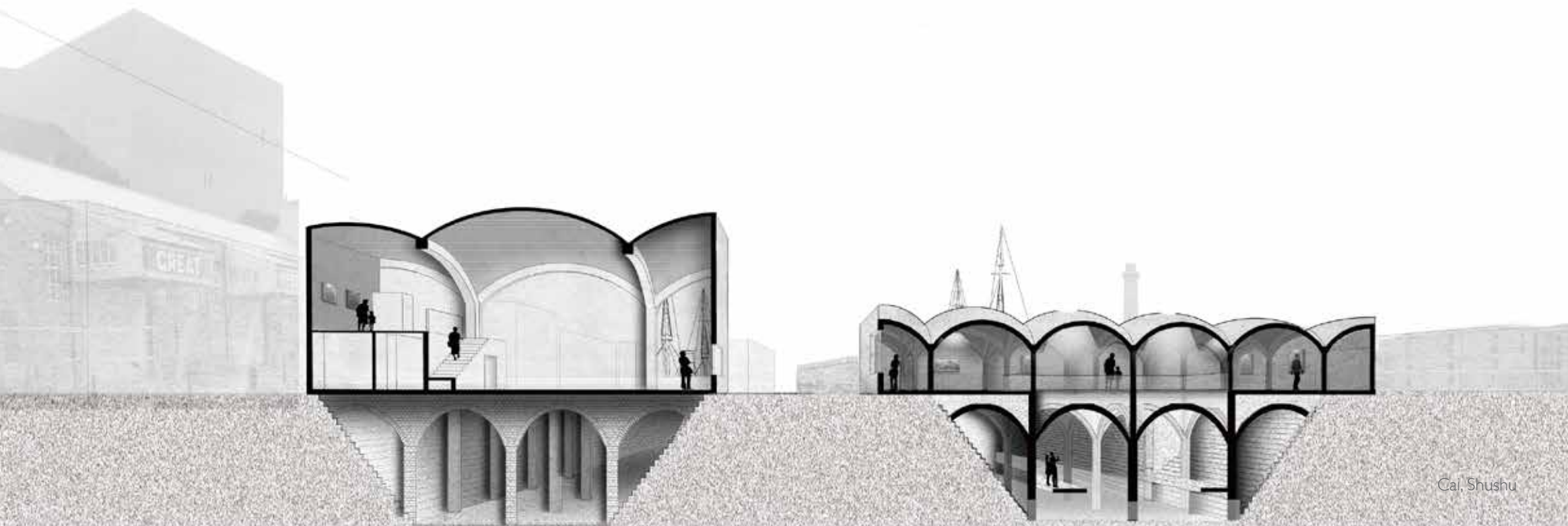
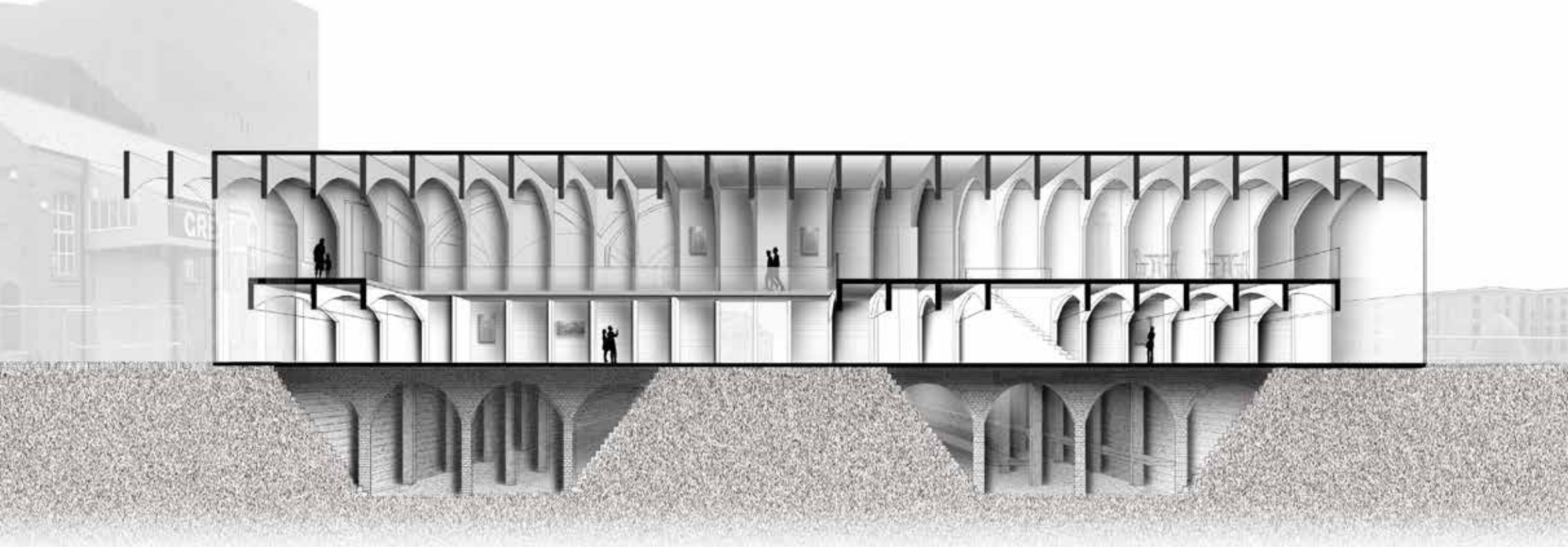
Liverpool, School of Architecture 53.404132, - 2.965186

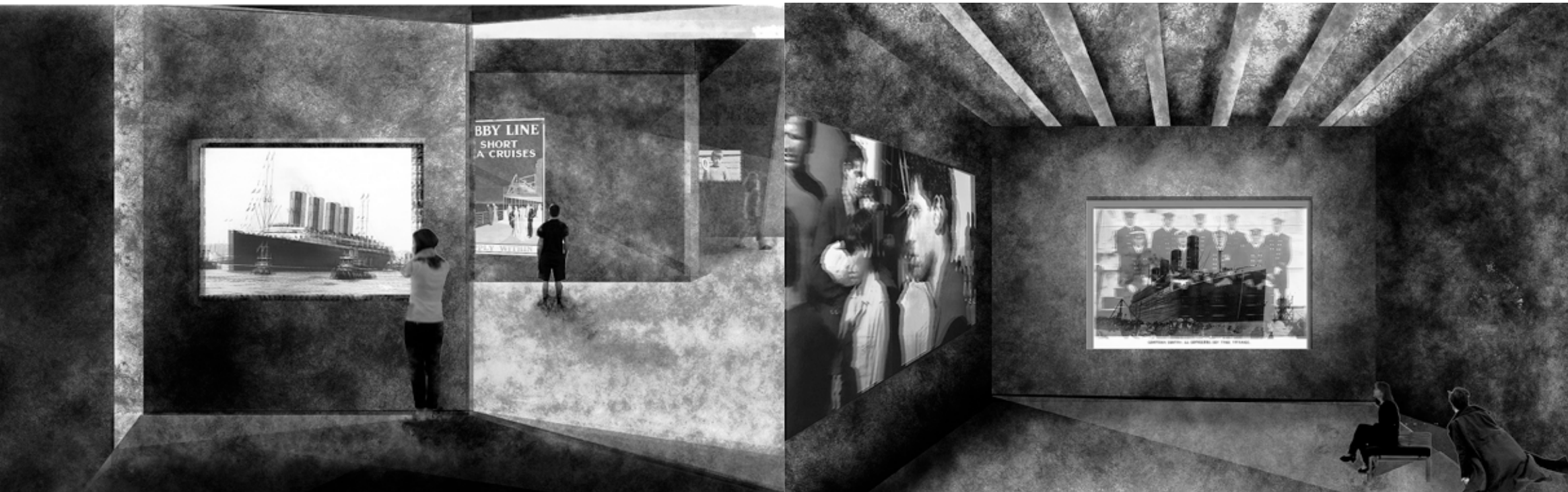
2

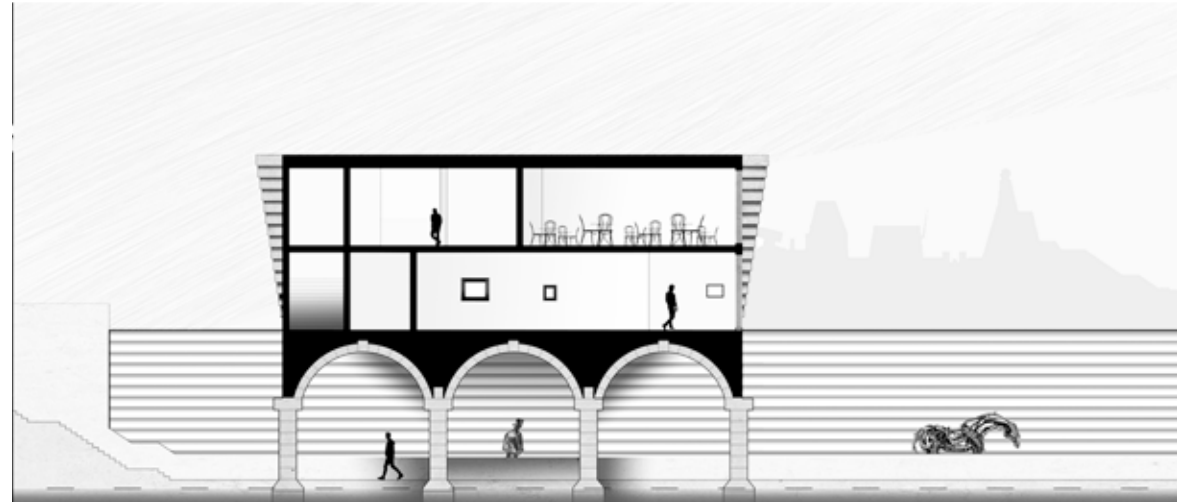
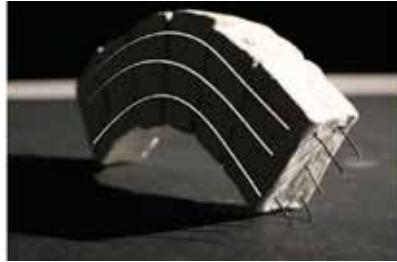






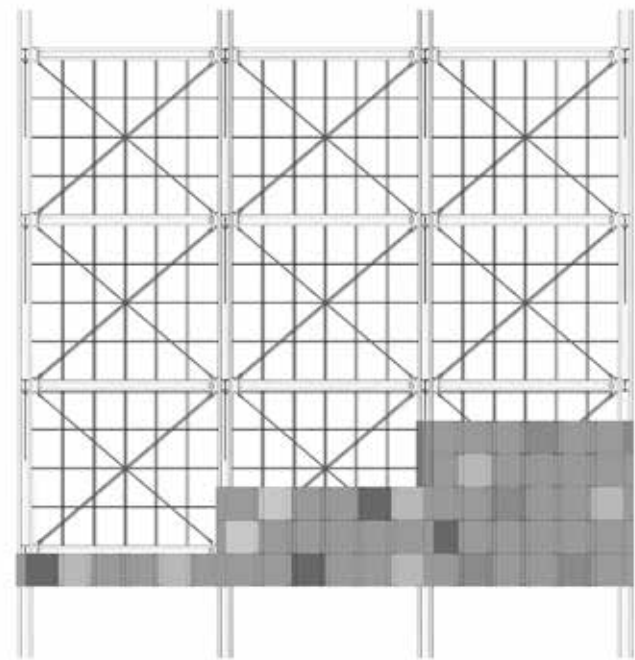
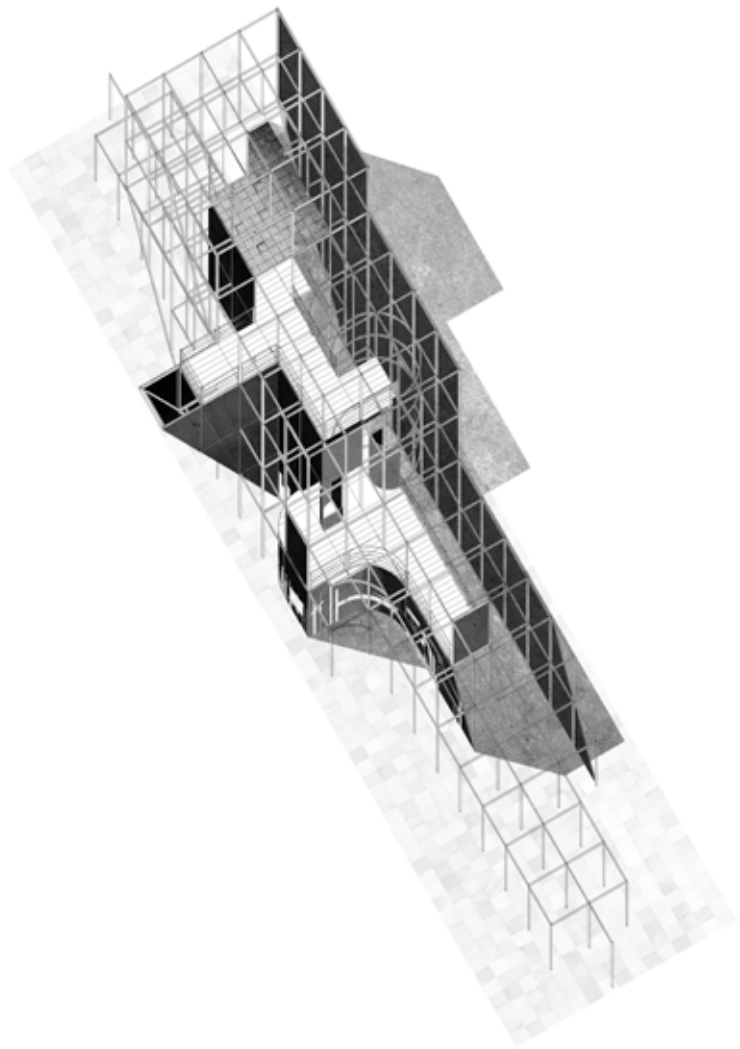




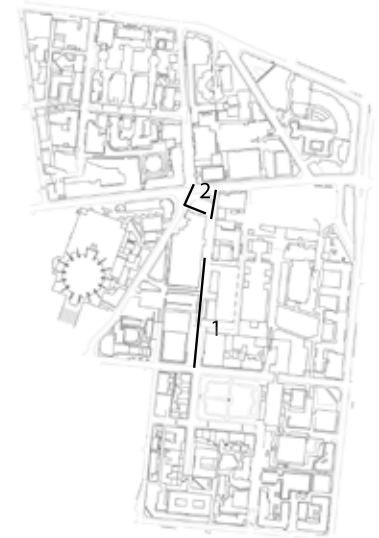


Dry Dock System

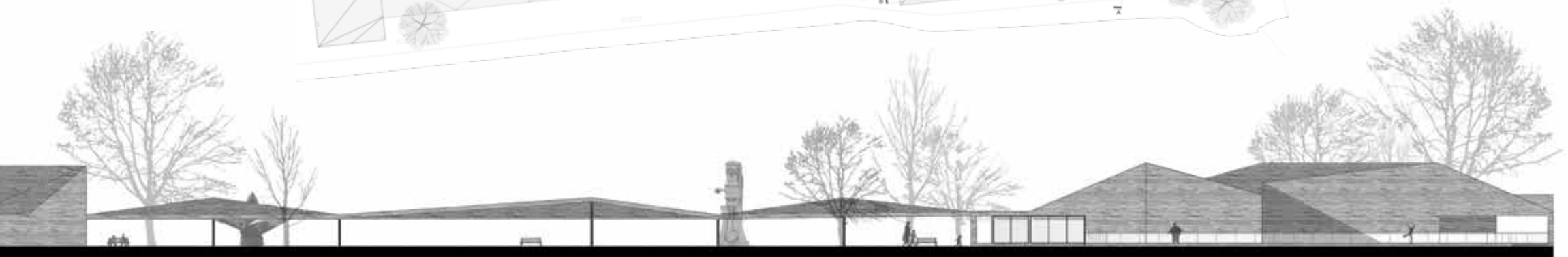
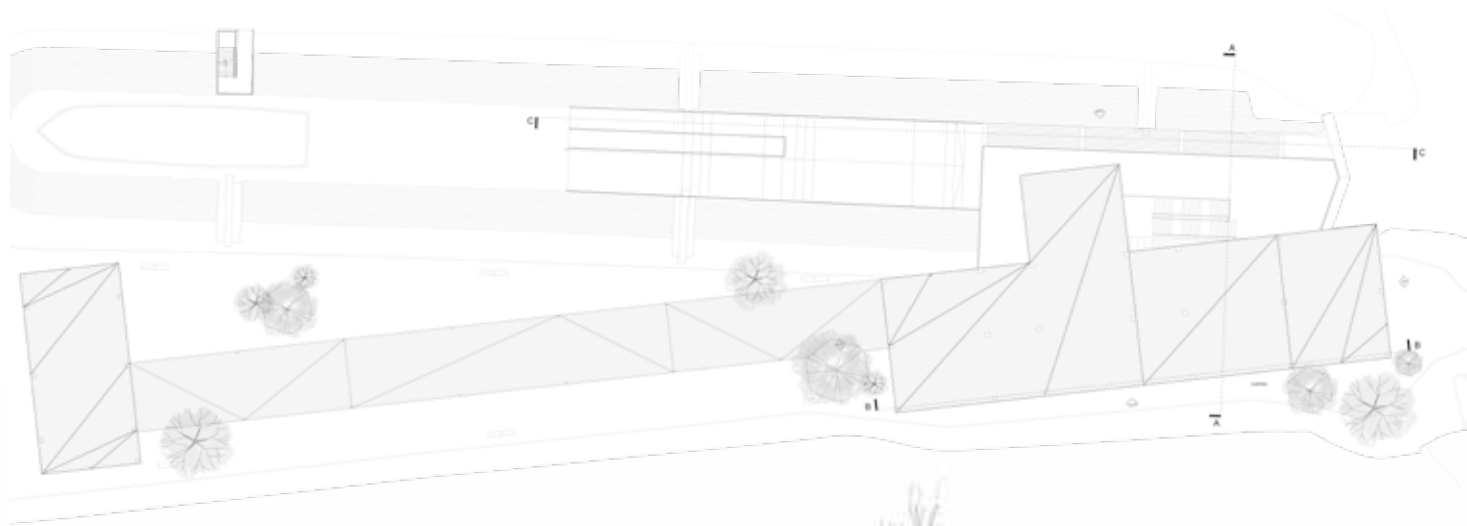


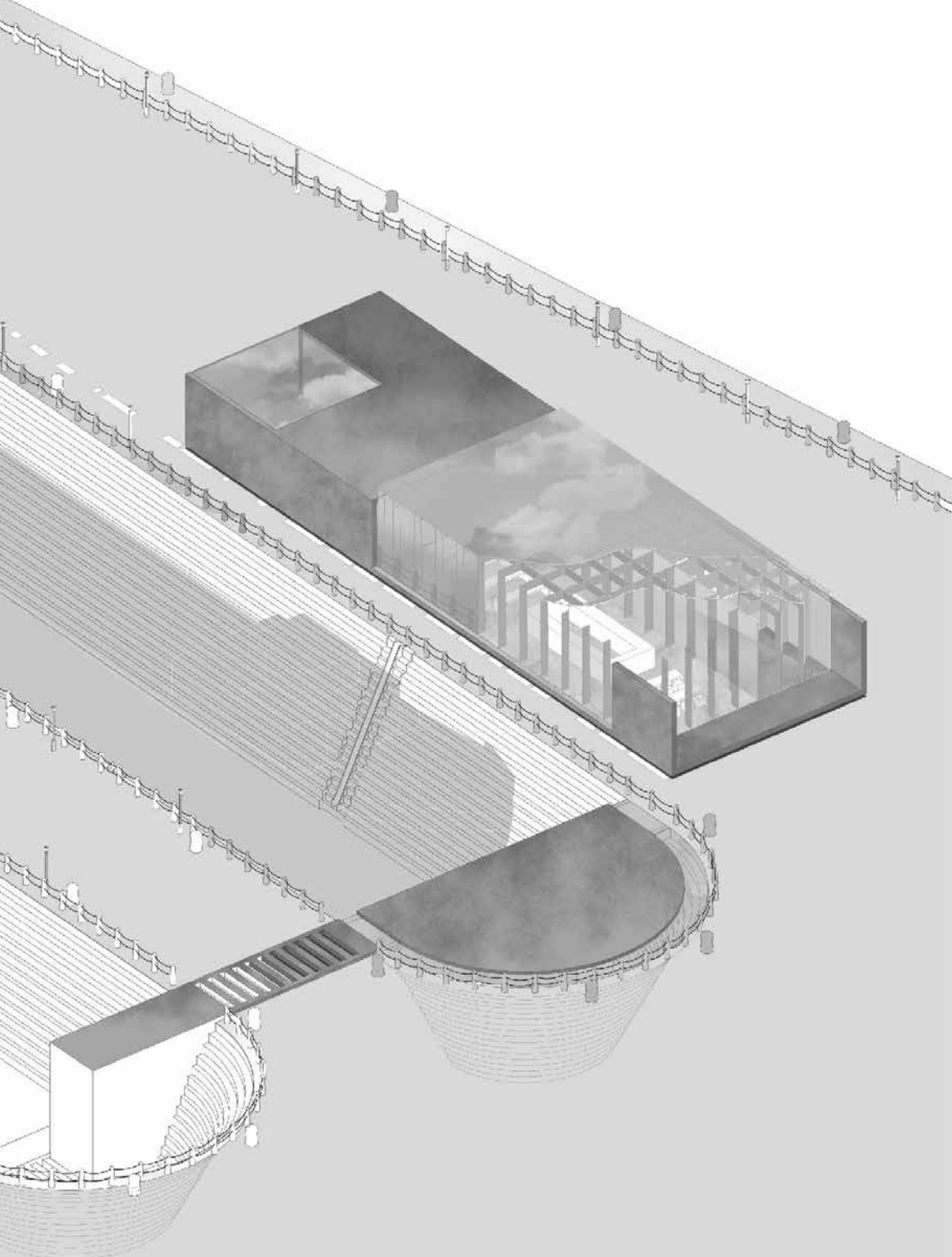


3 metres







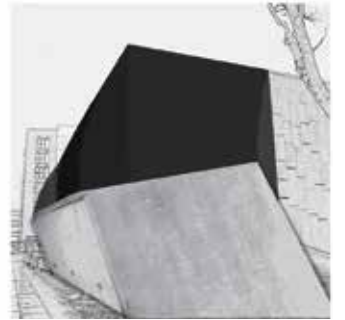
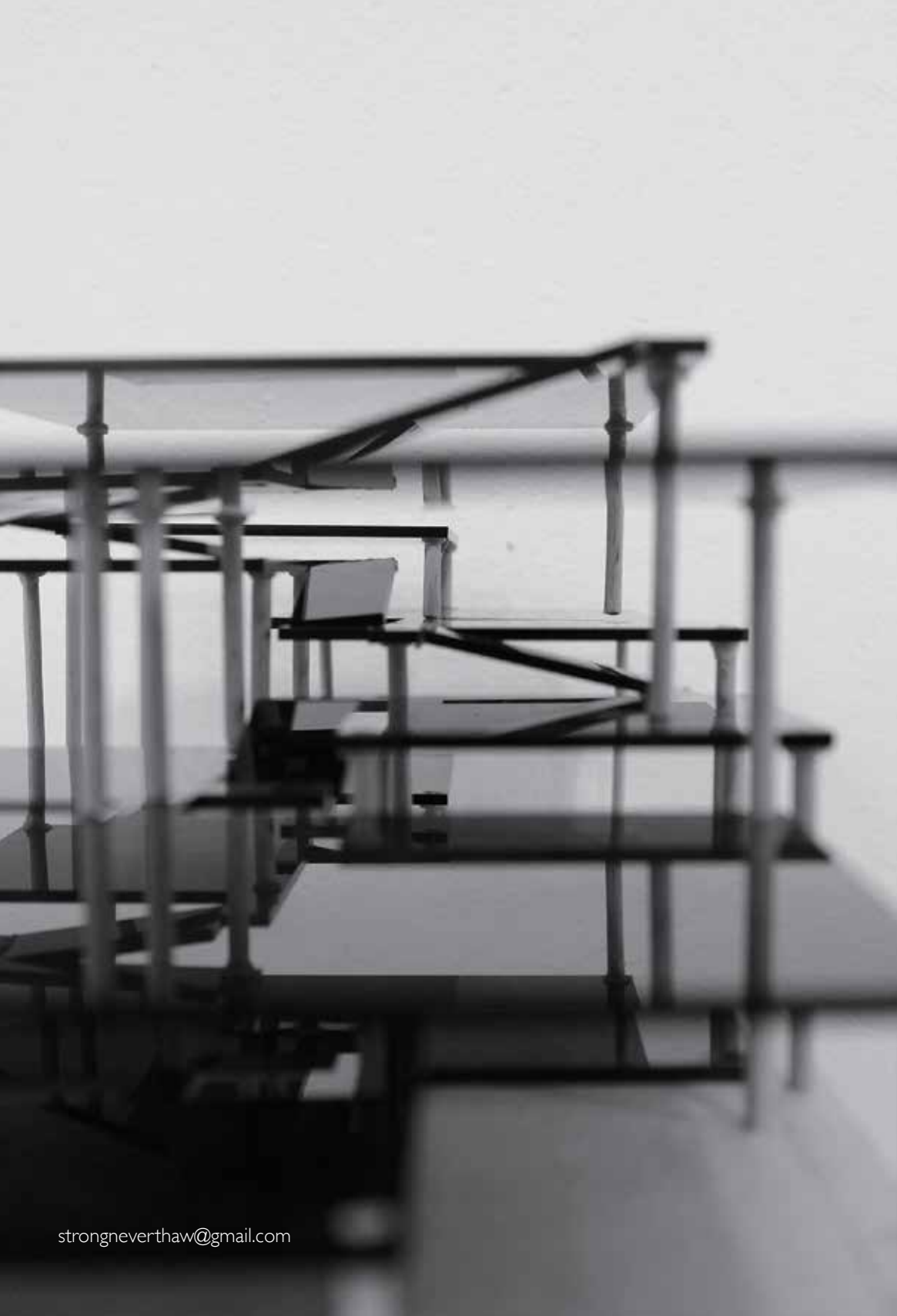


injasonho@gmail.com

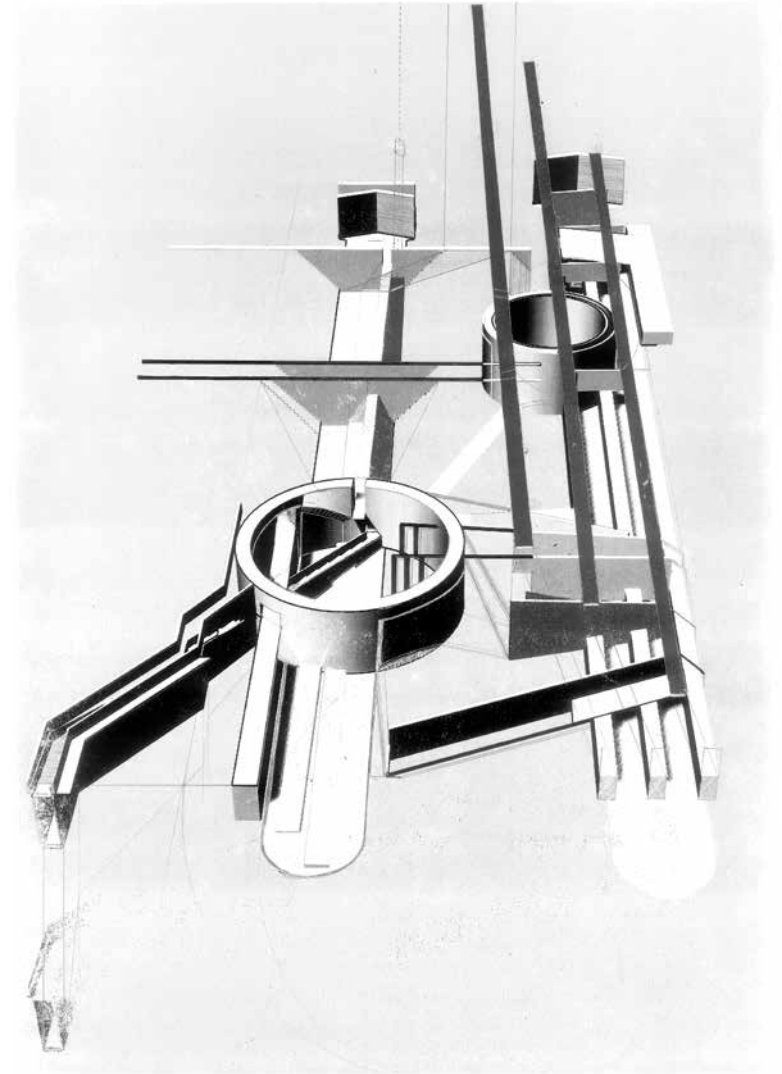
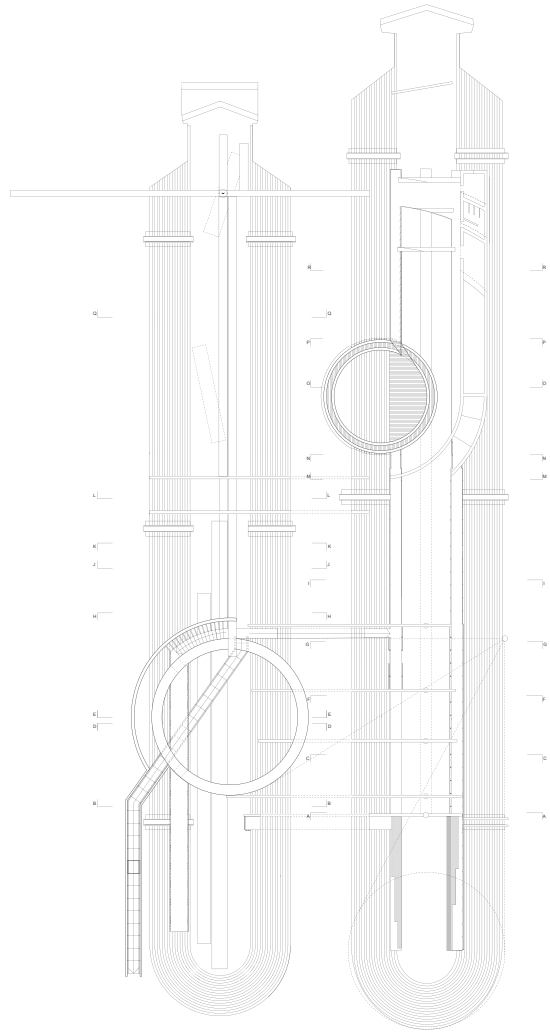
Ground floor axonometric & Structural glass structure
 The glass structure houses a series of a research
 laboratory which is a high-tech laboratory
 floor to hold the artwork for the gallery space below.

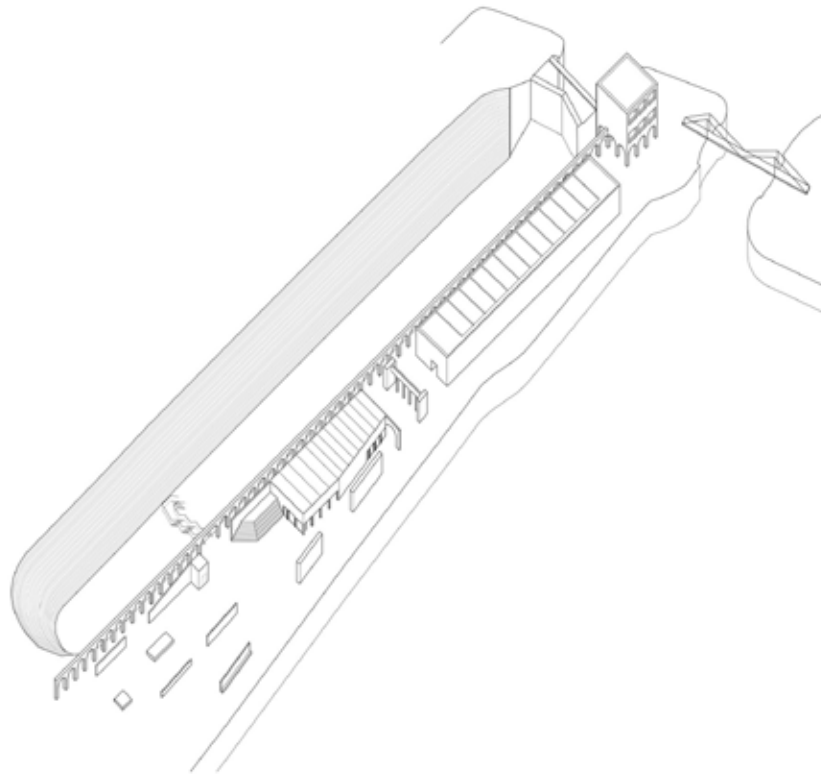


Ho, Jason

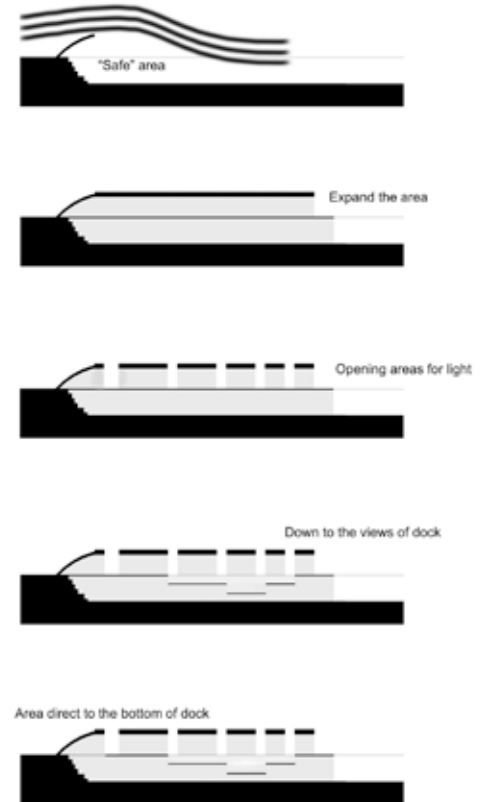
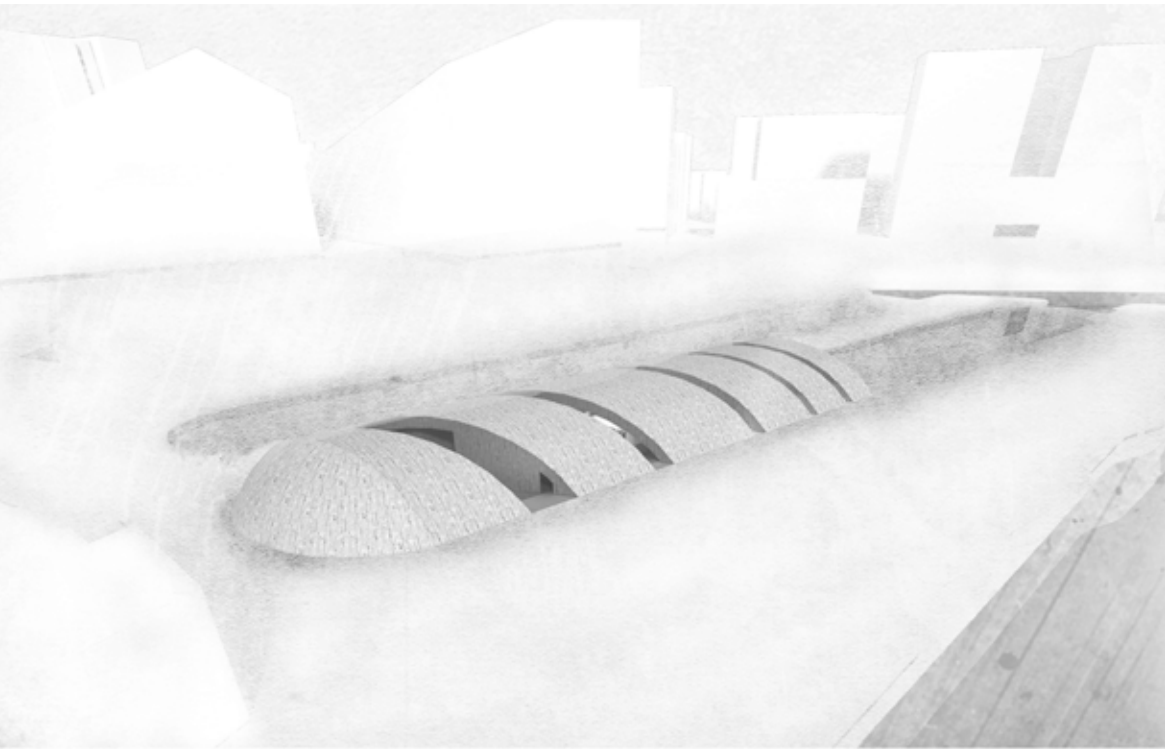


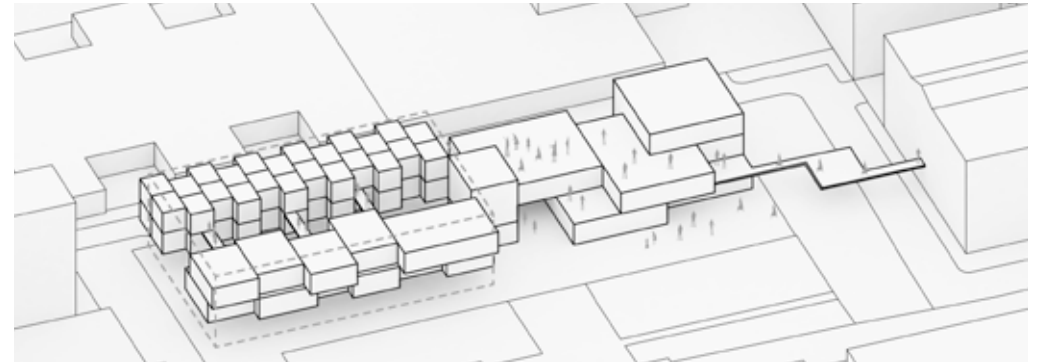
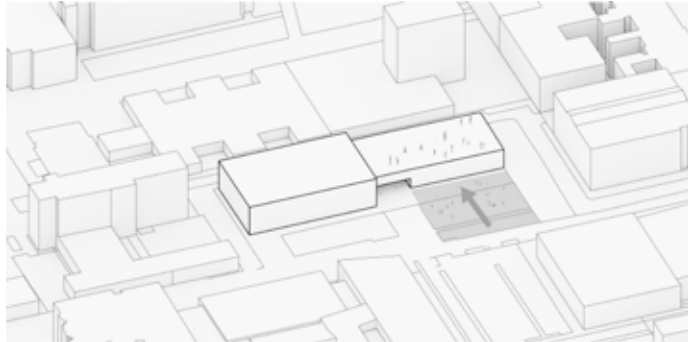
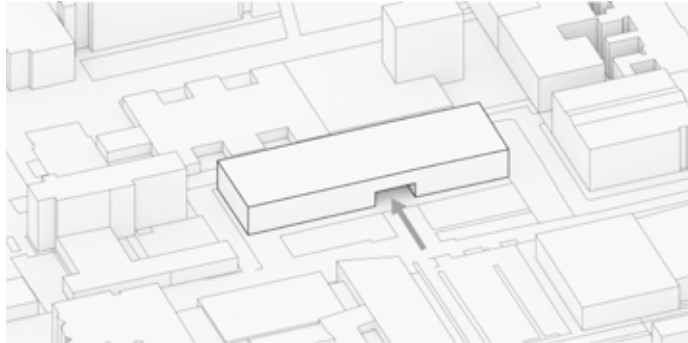


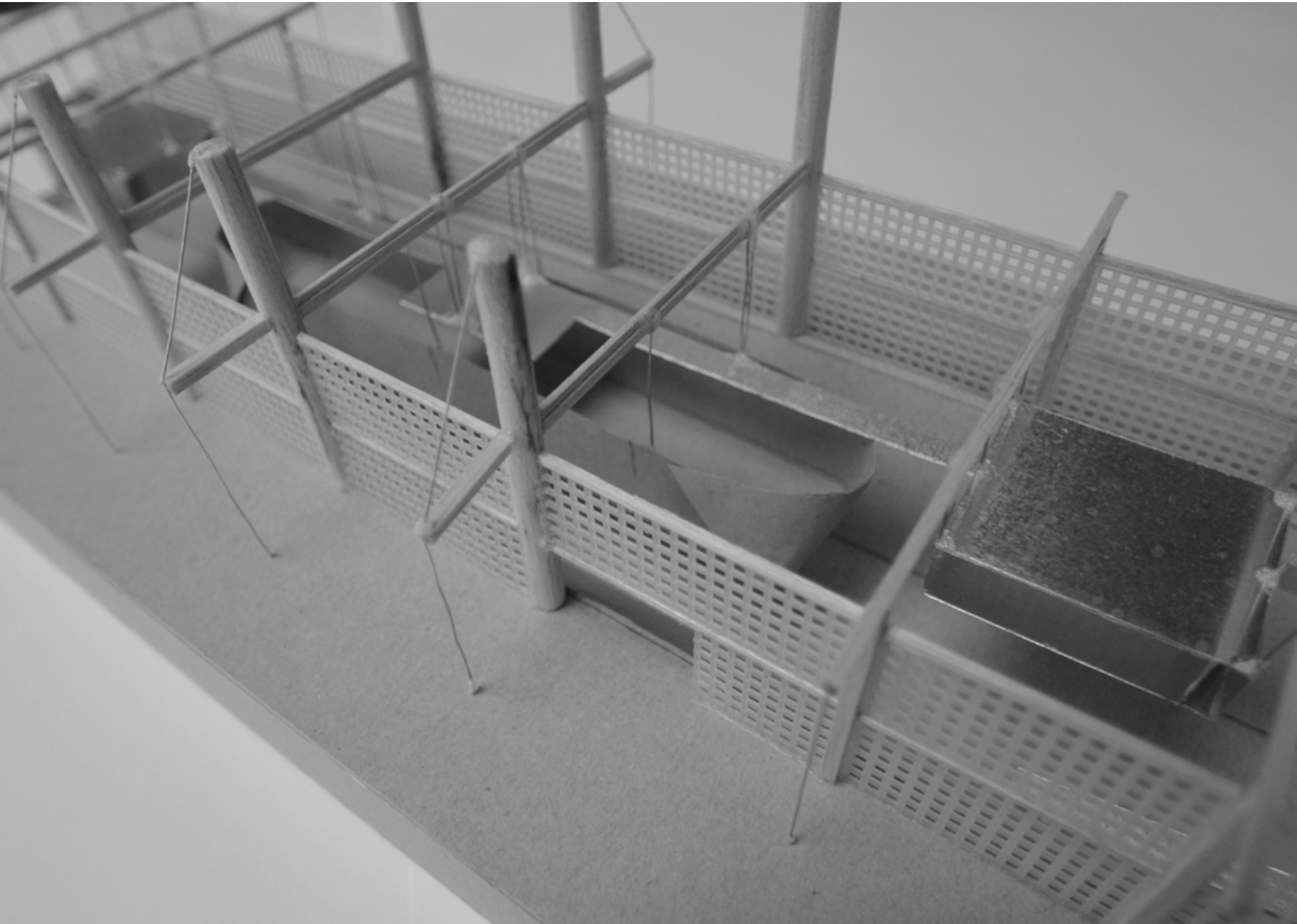


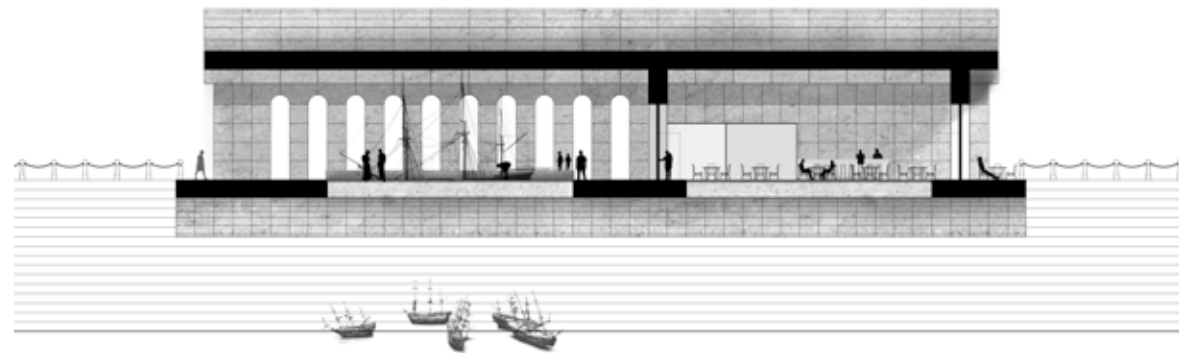
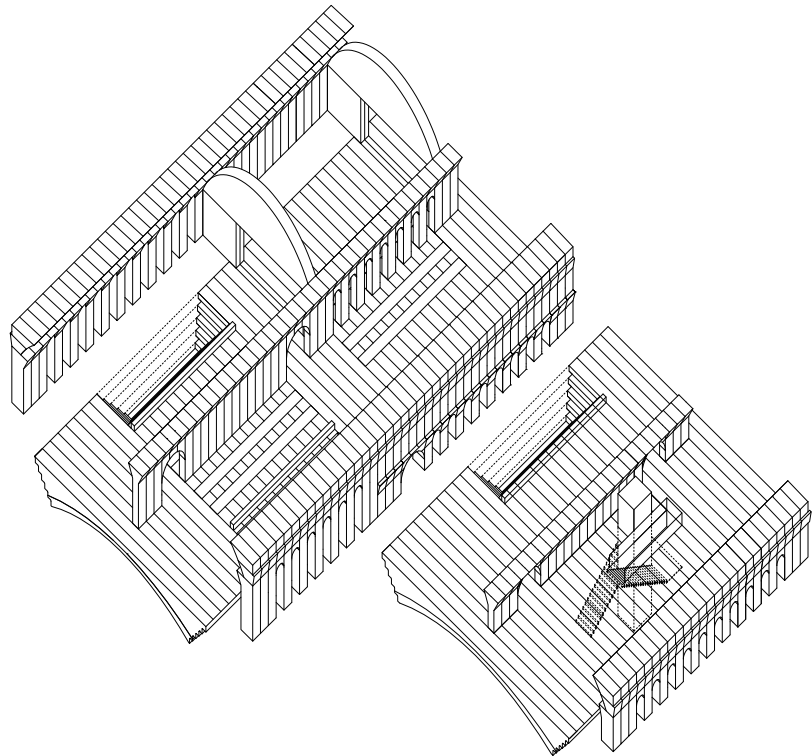


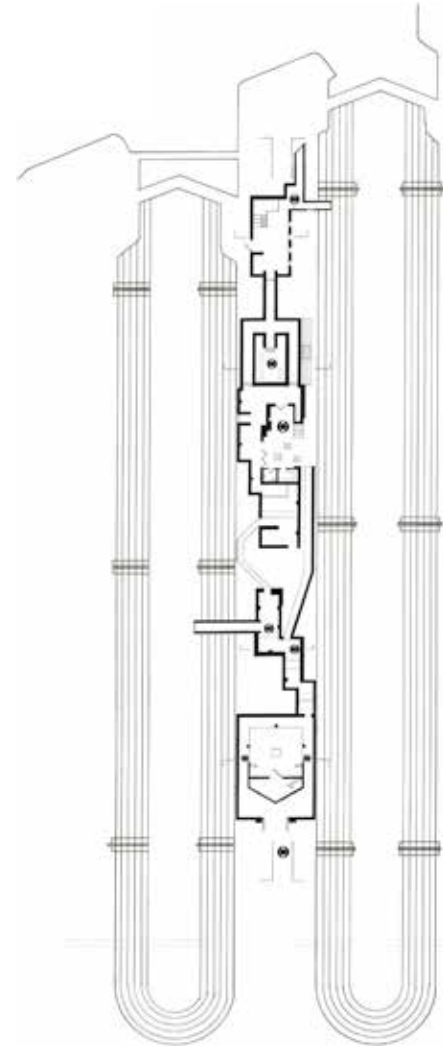
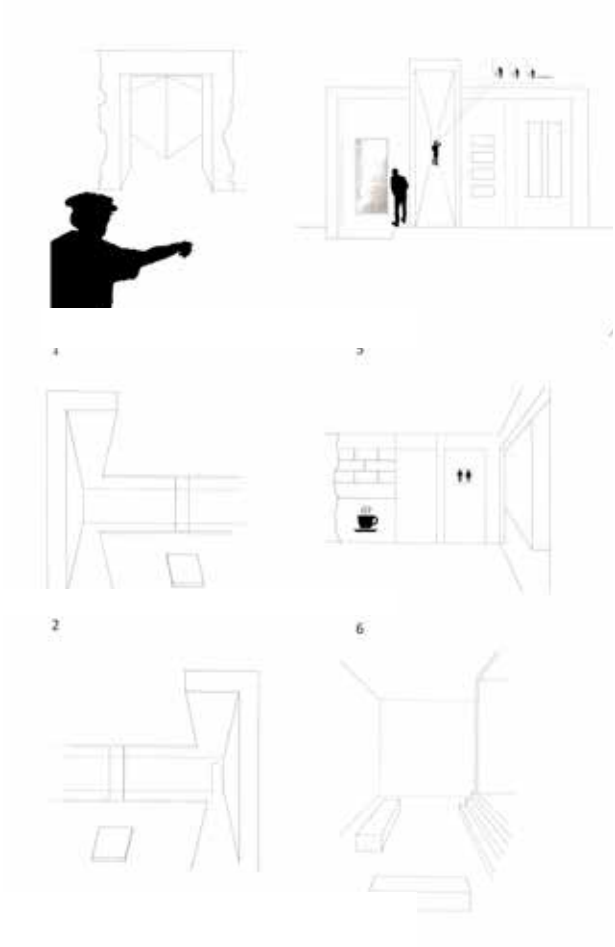


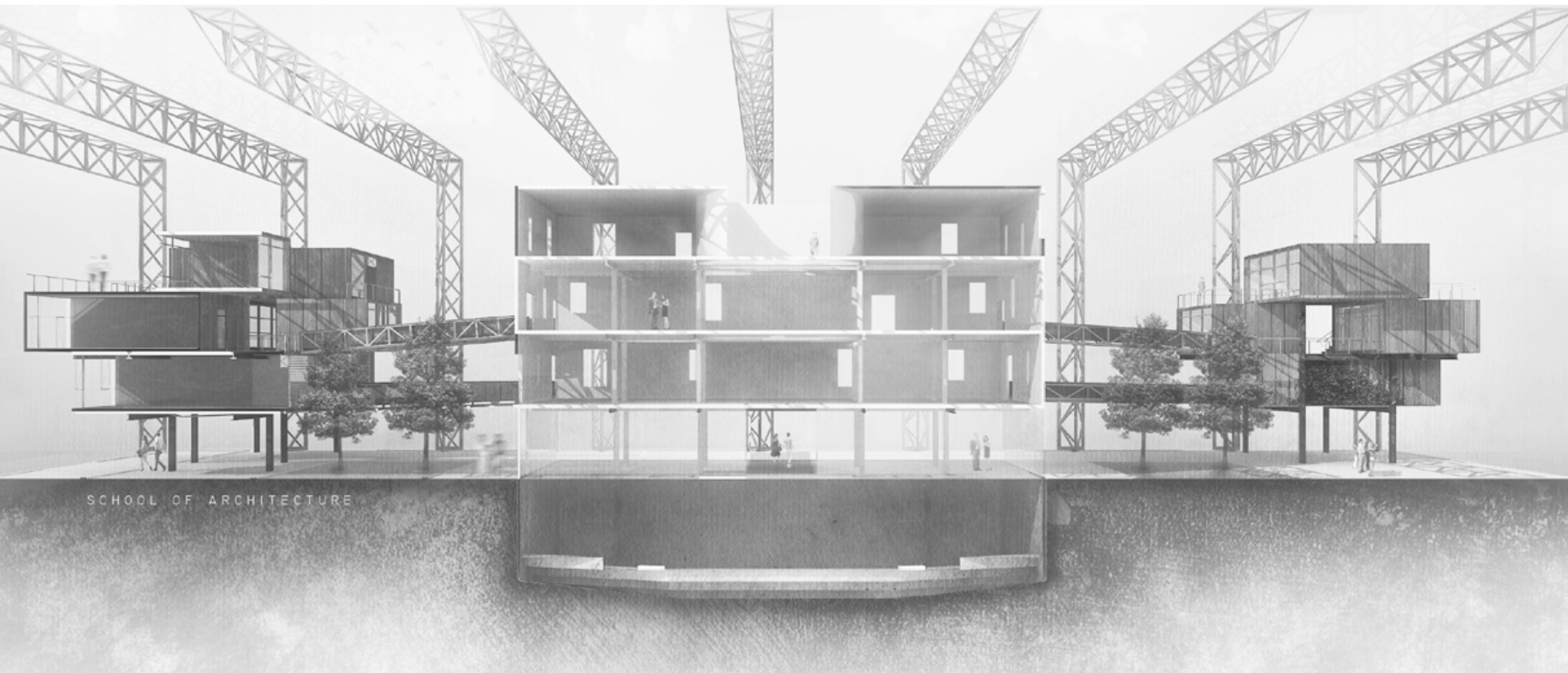


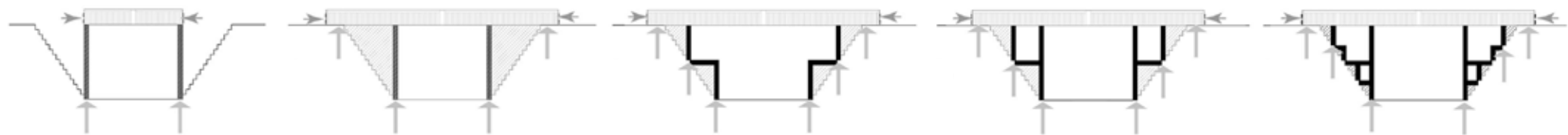


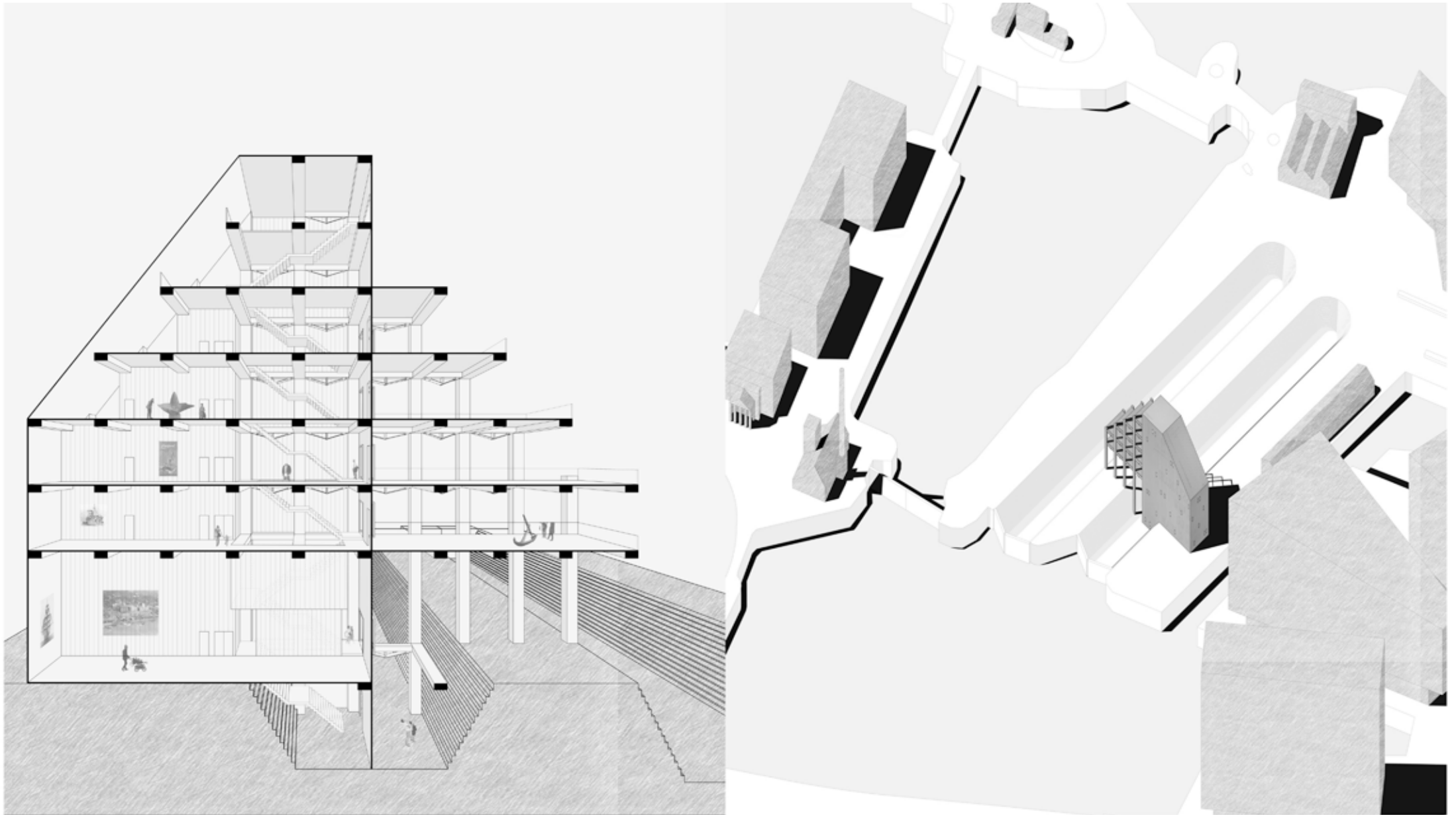


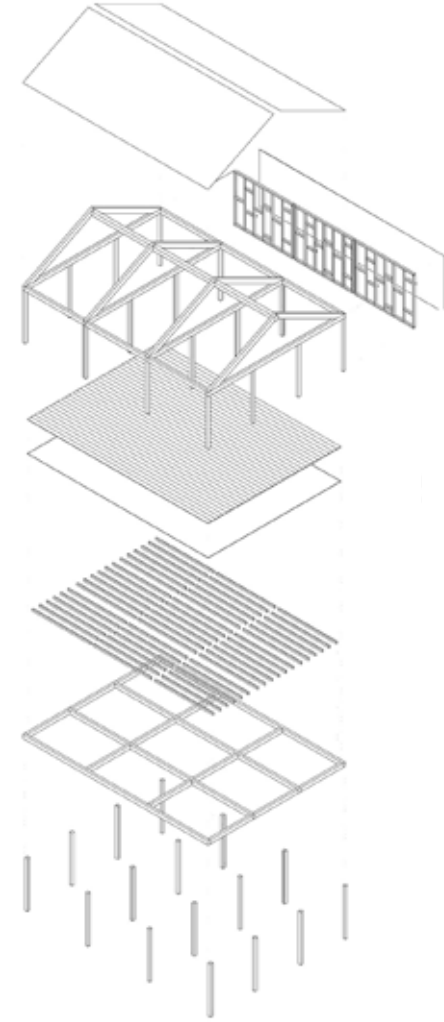
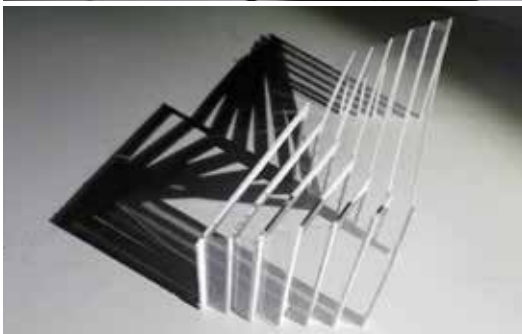
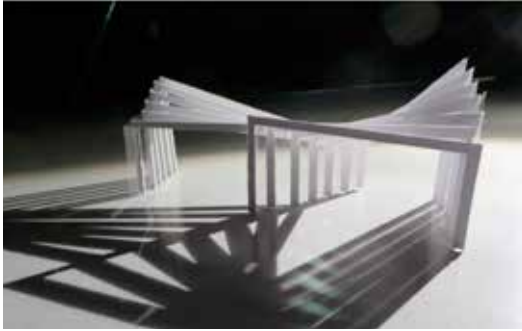




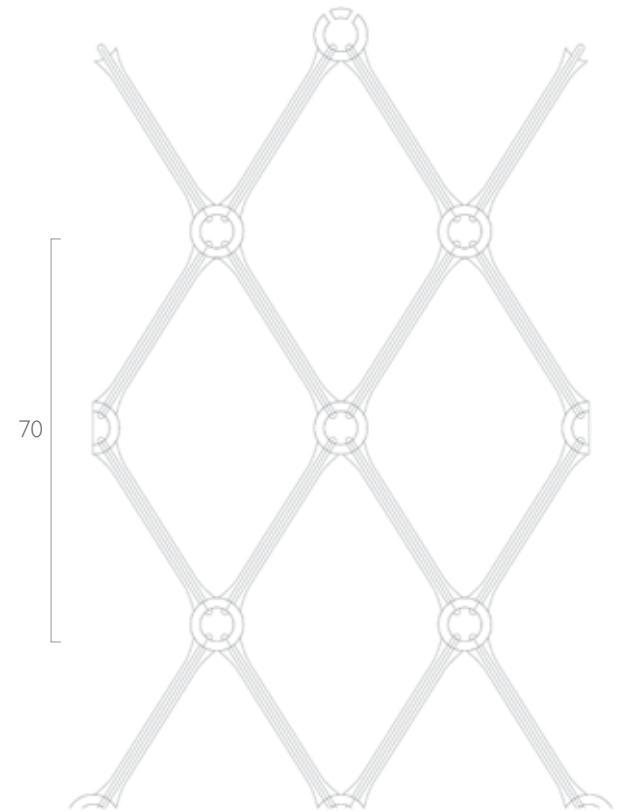
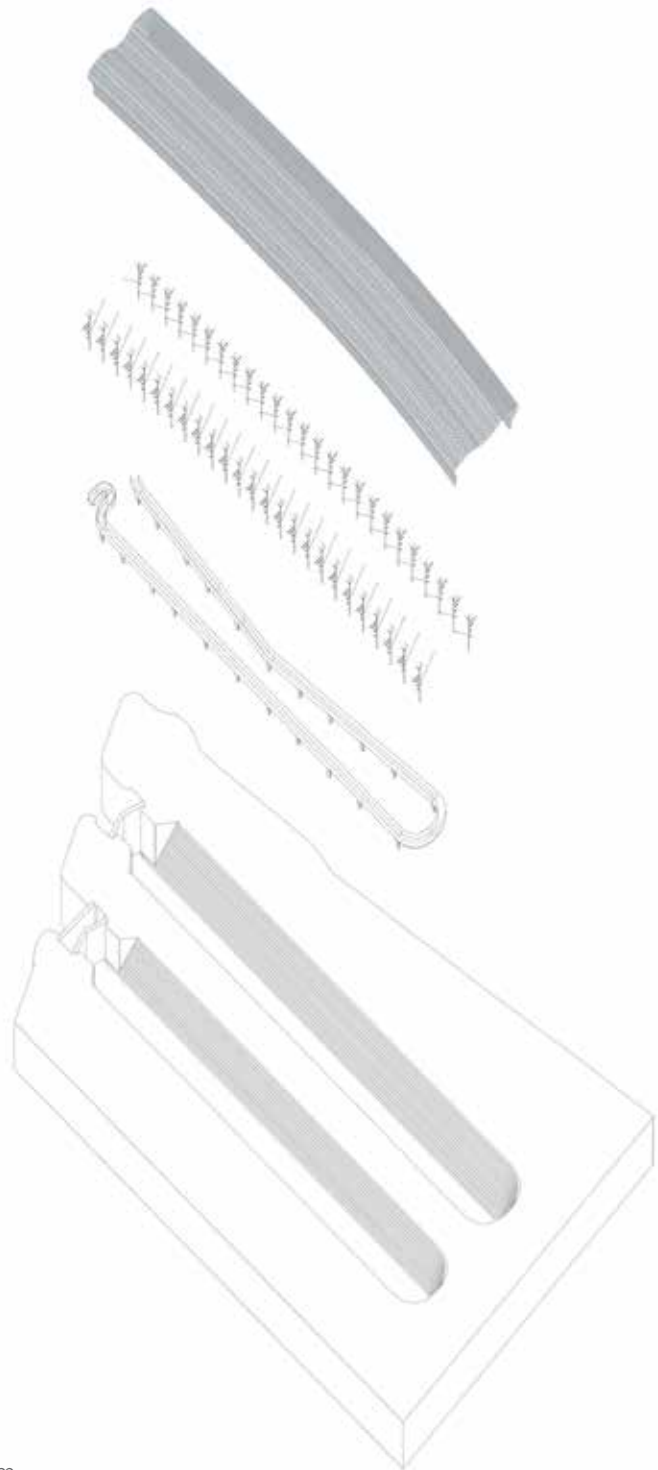


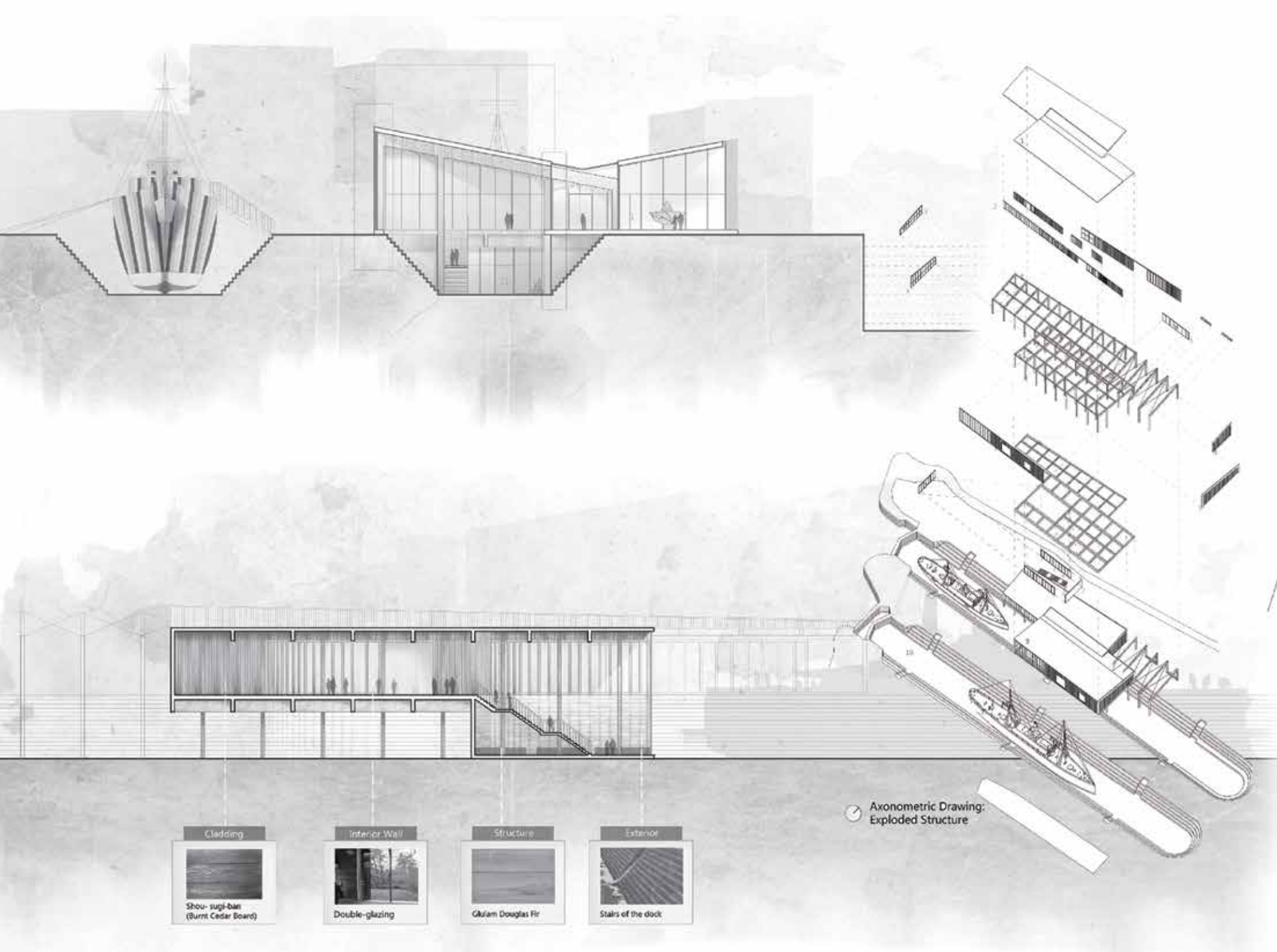


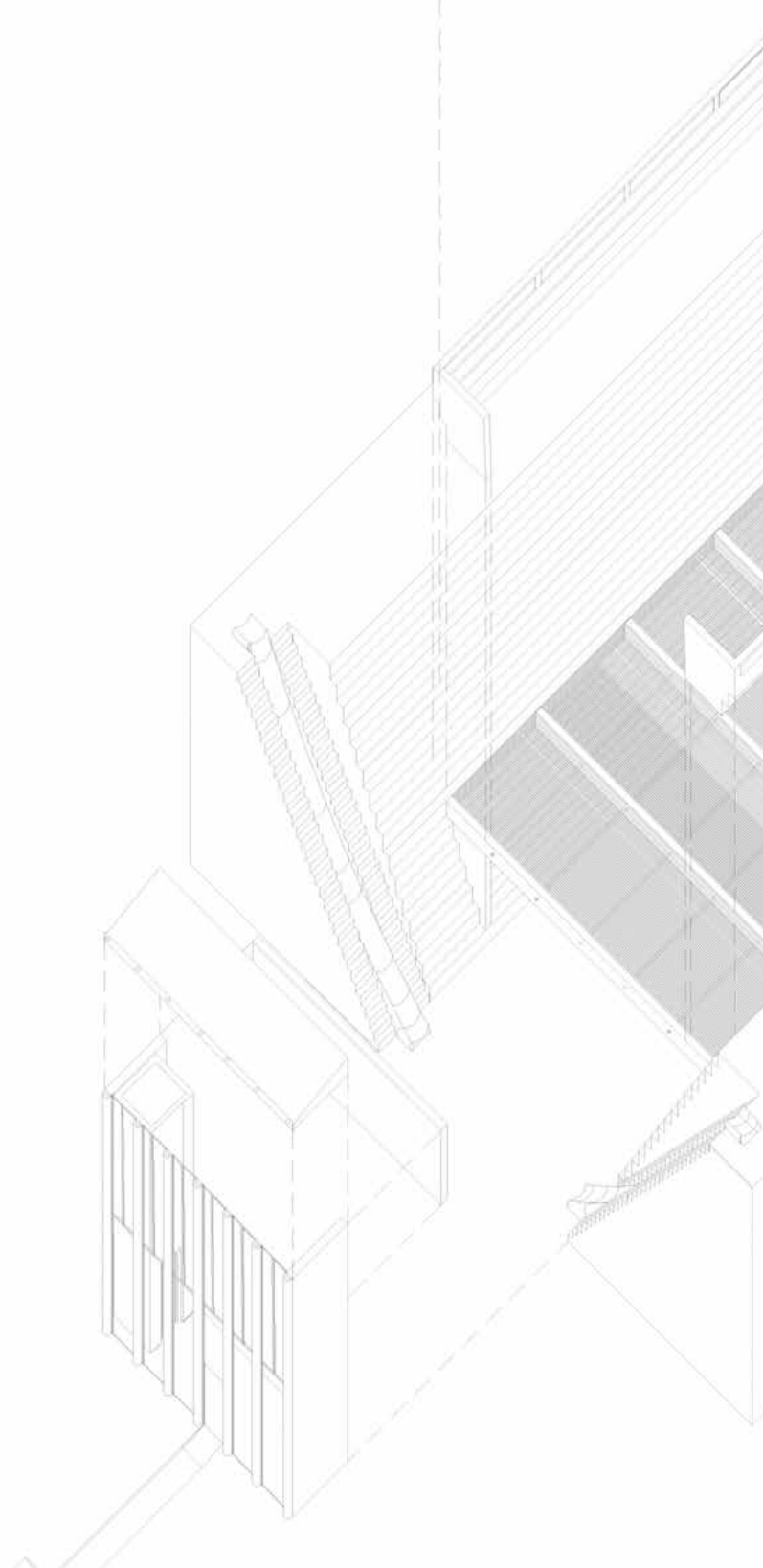
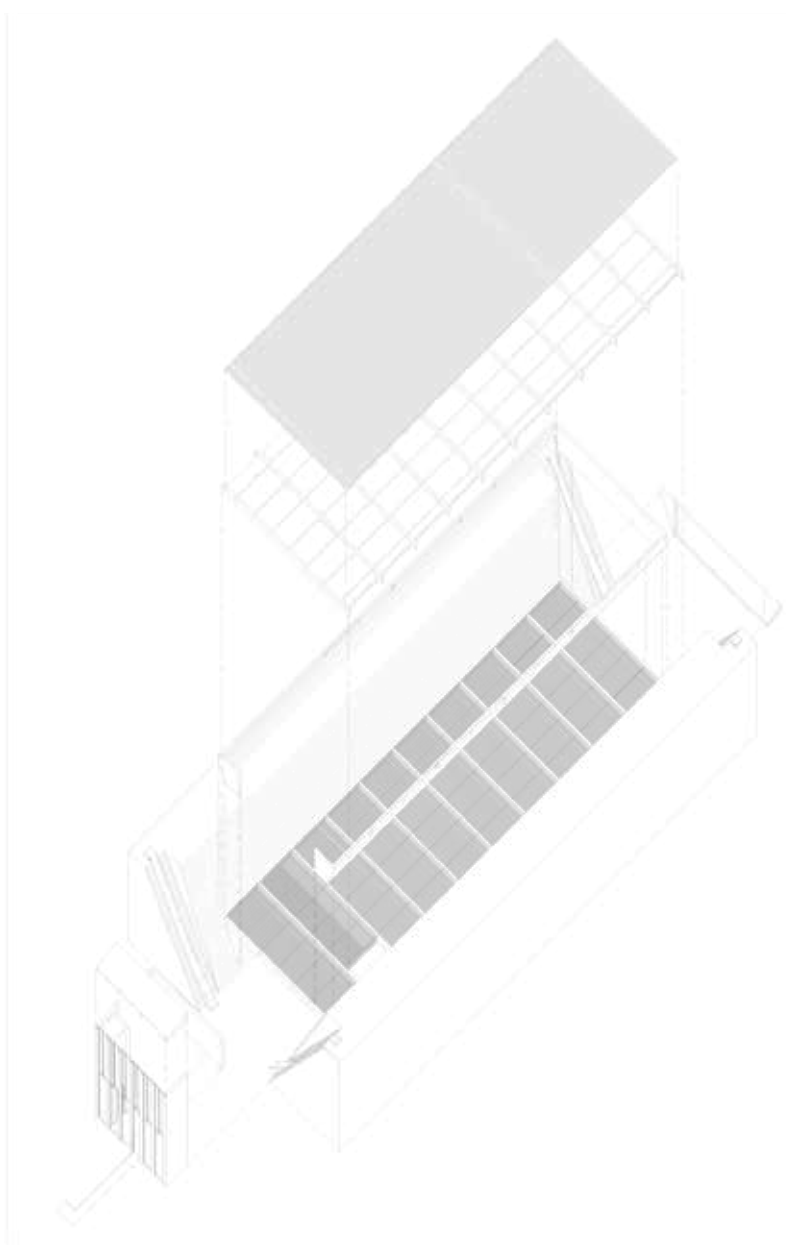


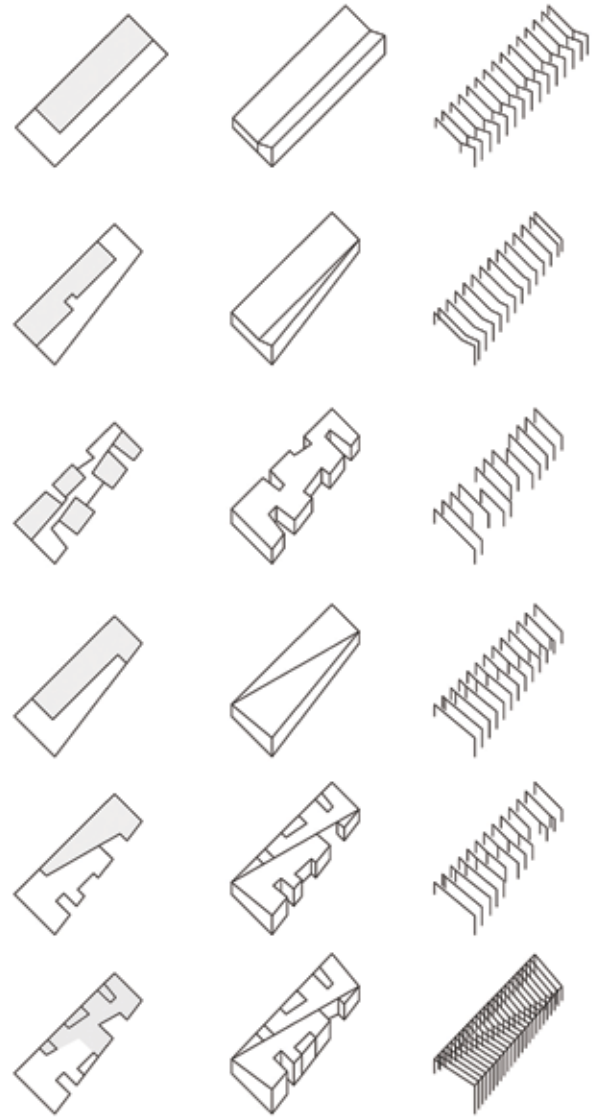
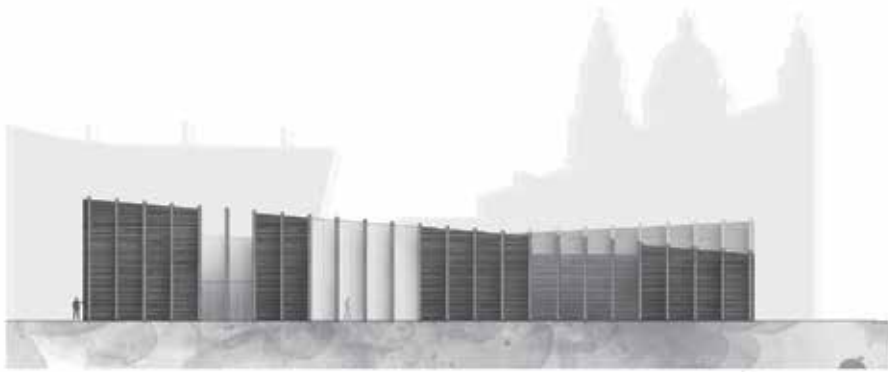


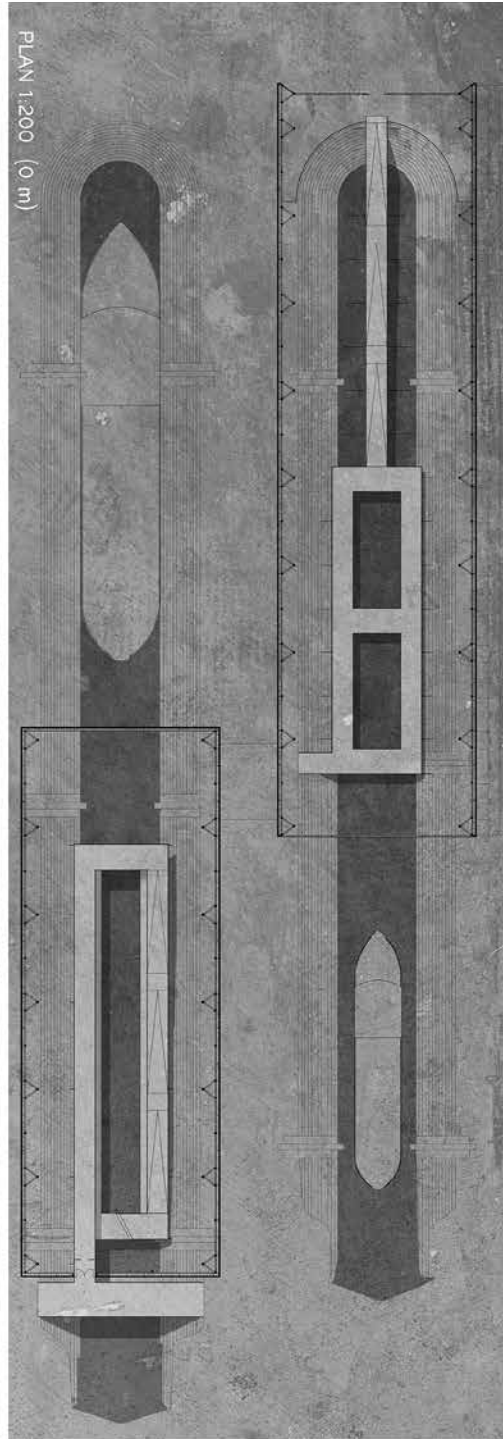
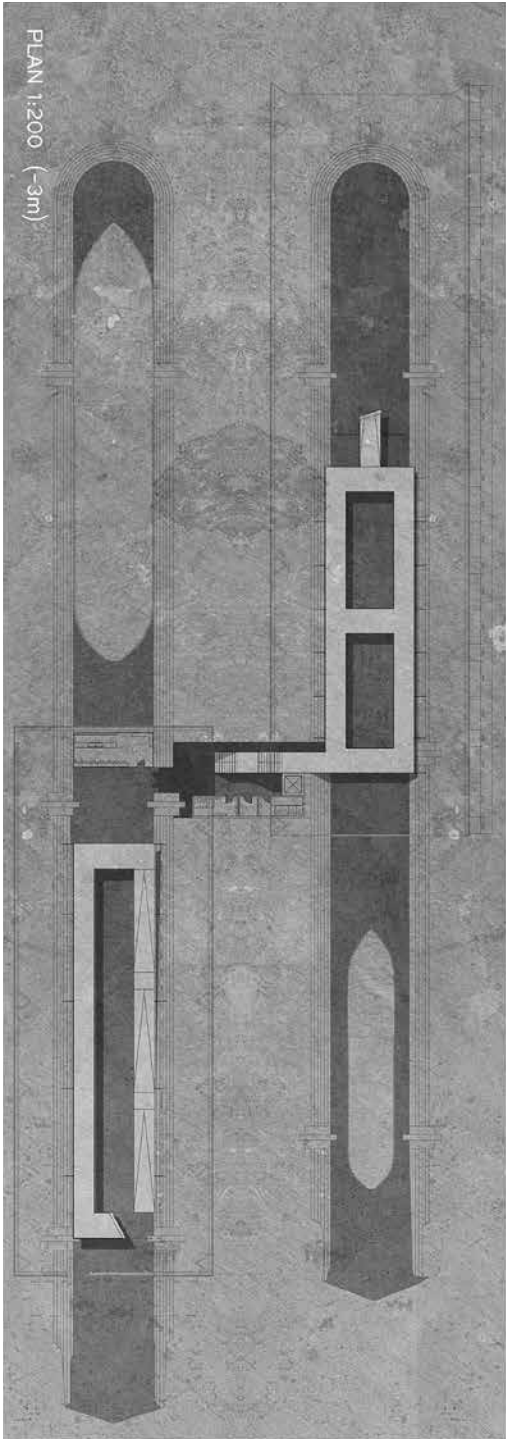


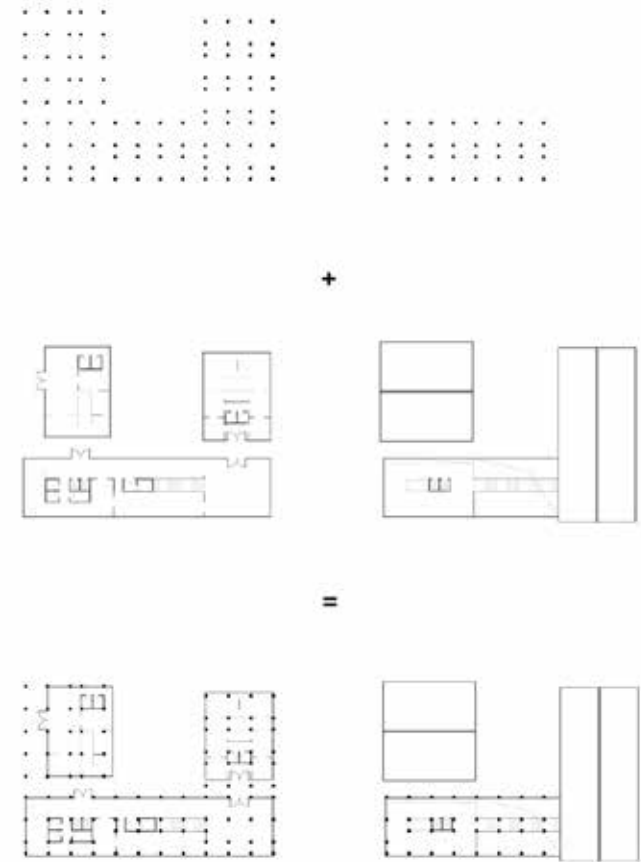
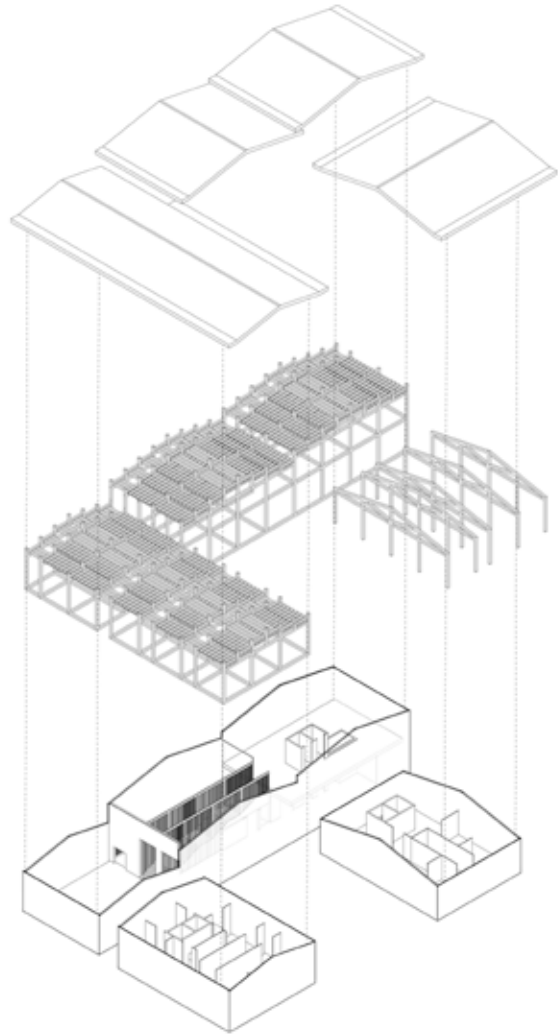


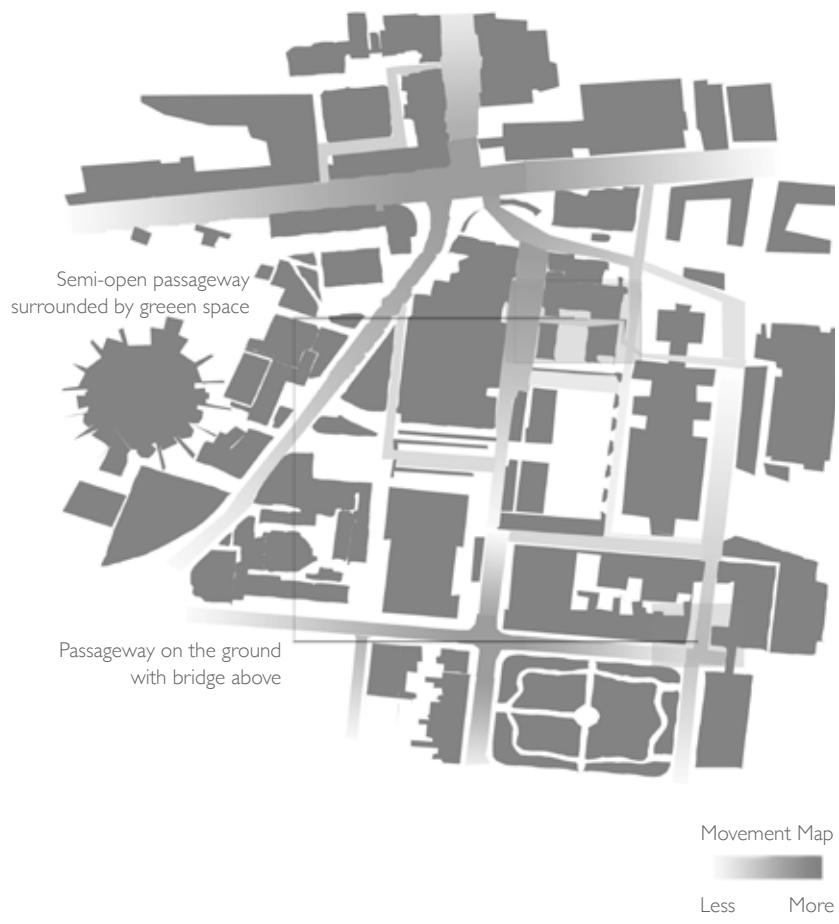













Buildings, trees and green layers

WELCOME TO UNIVERSITY OF LIVERPOOL

GREAT!

SCHOOL OF ARCHITECTURE



Material ♥♥♥♥♥
Rhythm ♥♥♥♥♥
Form ♥♥♥♥♥

Conclusion A traditional red-brick Building with ribbon window on the ground floor and tiny windows on the upper floor. Its a great building which is well-ordered and horizontally restrained.


SCIENCE & TECHNOLOGY RESEARCH BUILDING



Material ♥♥♥♥♥
Rhythm ♥♥♥♥♥
Form ♥♥♥♥♥

Conclusion A building made from brick and stone. High floors stretch out which create the sense of layering. However, the signs of the shop slightly destroy the rhythm.

MATHEMATICAL SCIENCE BUILDING




Material ♥♥♥♥♥
Rhythm ♥♥♥♥♥
Form ♥♥♥♥♥

Conclusion A relatively tall building in this area. It has strong rhythm both horizontally and vertically. Huge stone columns adds heaviness to it, while rough small stone work as decoration.

No!

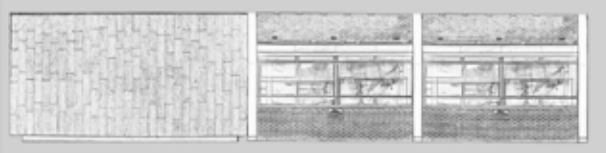
GUILD BUILDING



Material ♥♥♥♥♥
Rhythm ♥♥♥♥♥
Form ♥♥♥♥♥

Conclusion The shape of the elevation seems a little weird compared with the surrounding. Random use of brick, concrete, steel and timber causes chaos in this architecture.

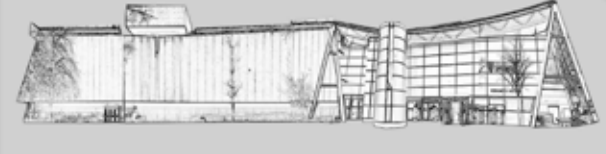
CHADWICK LABORATORY



Material ♥♥♥♥♥
Rhythm ♥♥♥♥♥
Form ♥♥♥♥♥

Conclusion This building has strong rhythm with concrete frames. However, it's quite low and long, and thus it loses the density in this area.

SPORTS CENTER



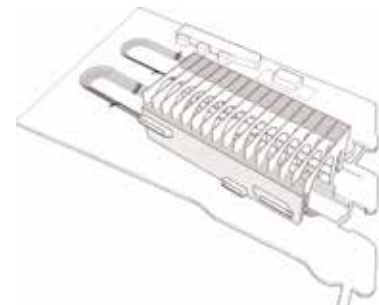
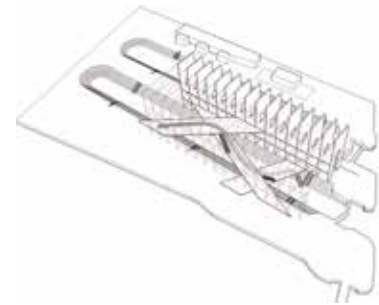
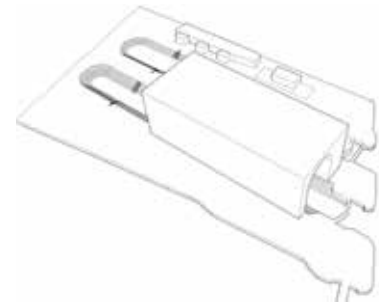
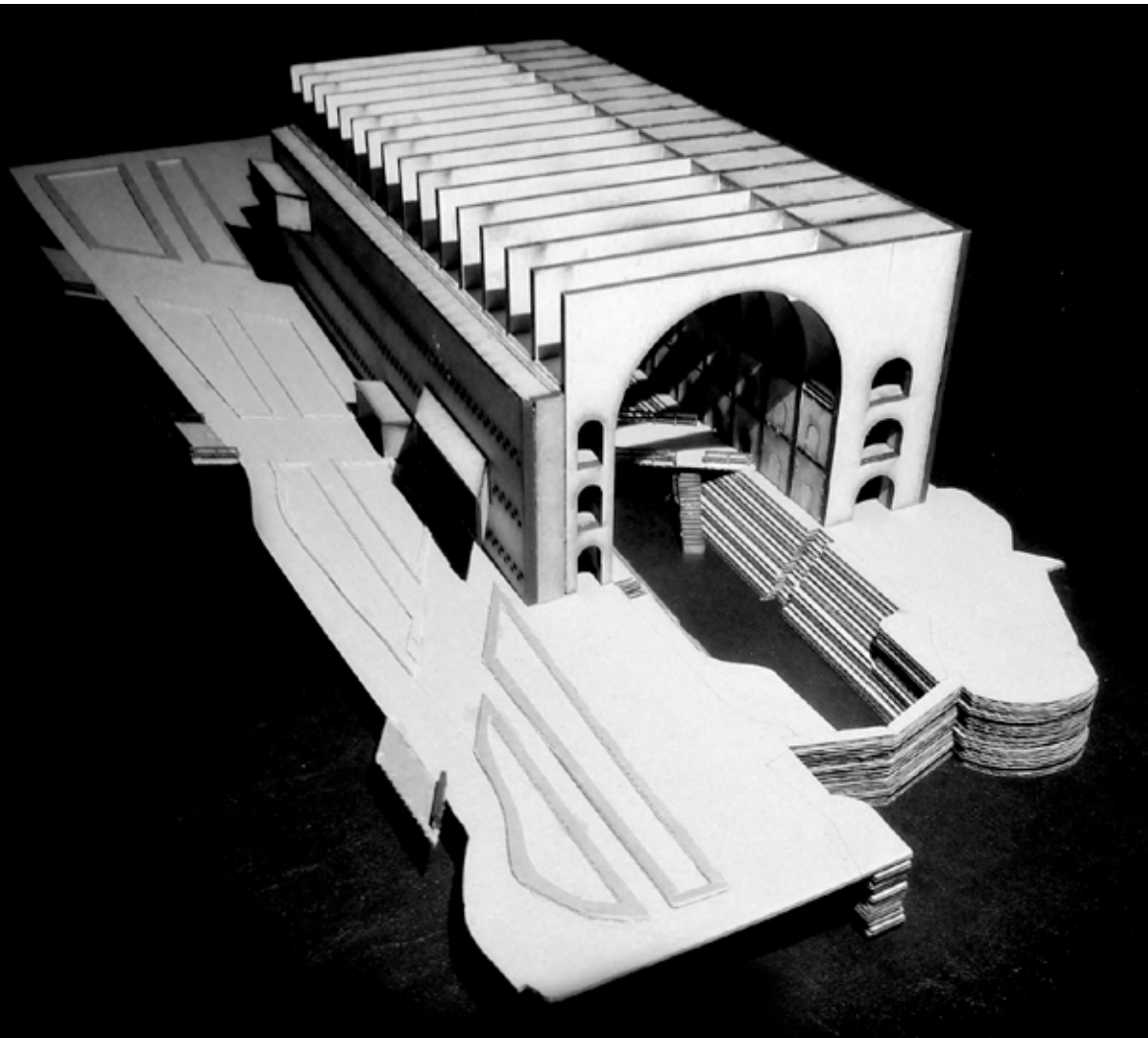
Material ♥♥♥♥♥
Rhythm ♥♥♥♥♥
Form ♥♥♥♥♥

Conclusion The metal addition aligns with the original concrete architecture. The combination of this two material seems not very harmonious. The curve of the elevation is a bit weird.

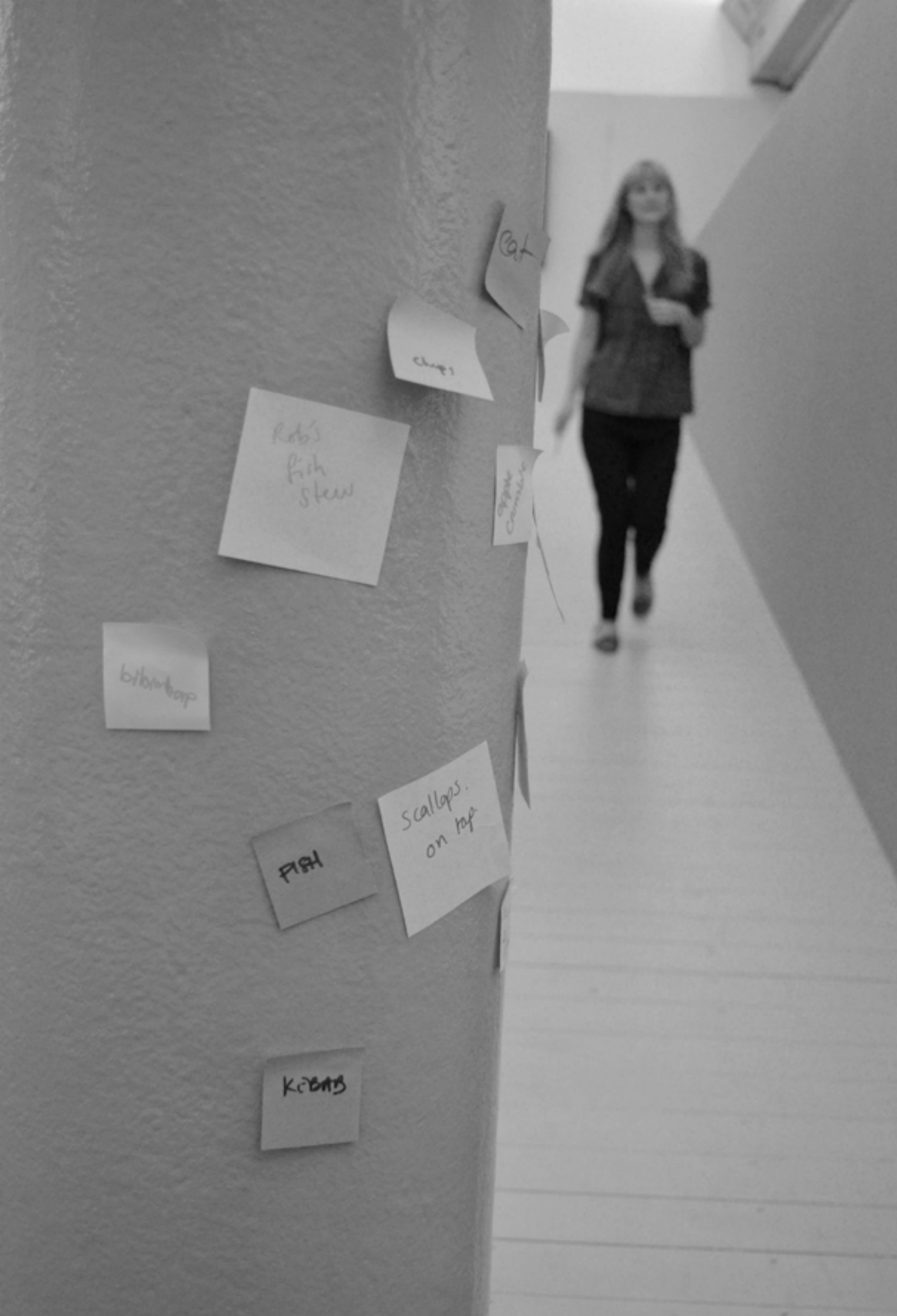


NEW SCHOOL OF ARCHITECTURE. THE UNIVERSITY OF LIVERPOOL





Workshop and Field Trips



Workshop with Tate Liverpool



Yorkshire Sculpture Park





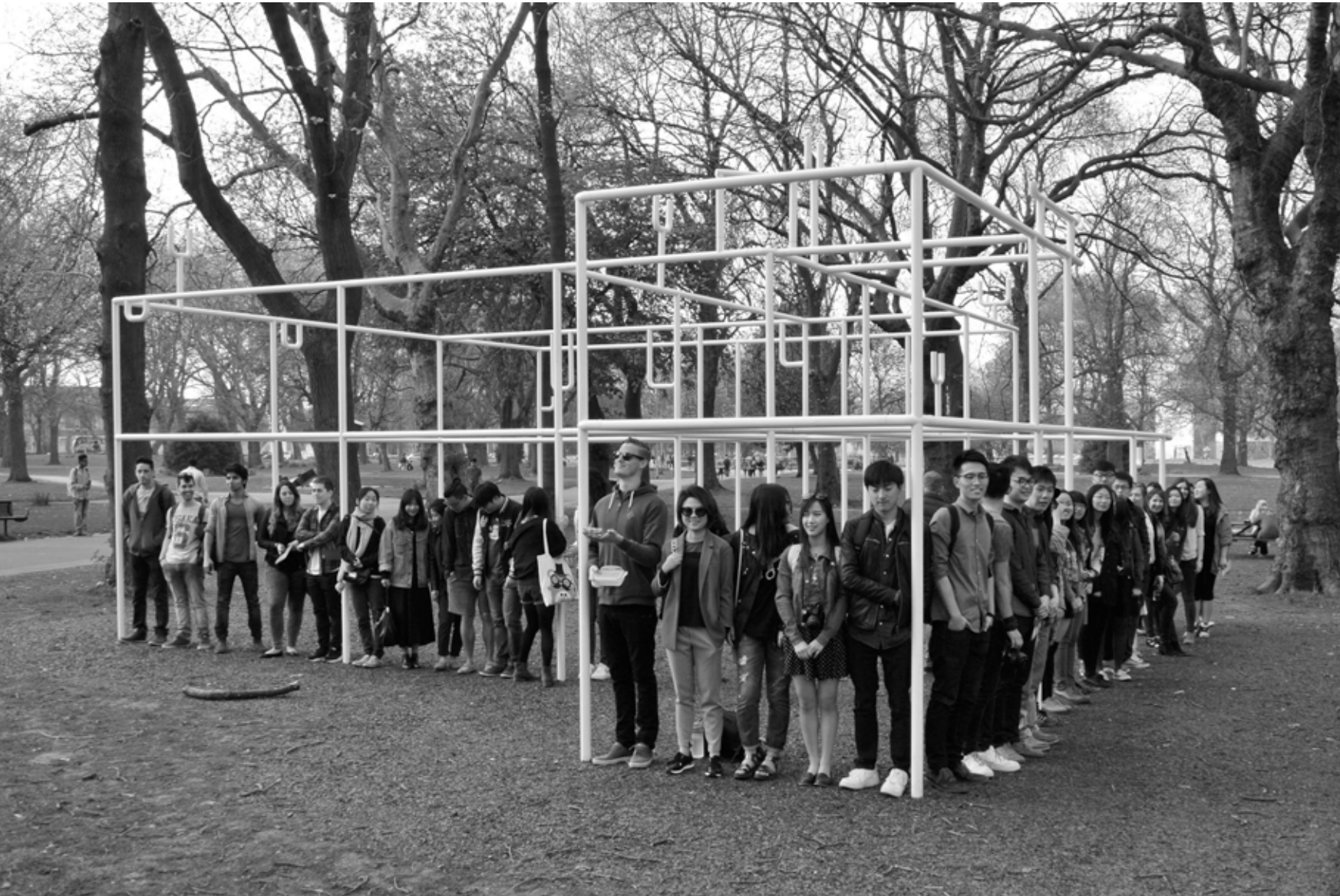
Yorkshire Sculpture Park



The Hepworth, Wakefield



The Whitworth, Manchester



Cornelia Parker, 'Cold Dark Matter: An Exploded View' (1991)



Acknowledgements

BA3 2014/2015 could not have happened without the support of a large team of people. Many thanks for your hard work dedication and enthusiasm.

BA3 Studio Module Coordinator: Sandy Britton.

BA3 Studio Coordinator: Jane Moscardini.

Studio Tutors: Alan Berman, Paul Bower, Emma Curtin, Joanna Day, Julien Denis, Richard Dod, Elif Erdine, Peter Farrall, Jo Hudson, James Jones, Alison Lowe, Jon Male, Howard Miller, Jane Moscardini, Phil Owen, Francis Phillips, Roy Roberts, Ian Scullion, together with consultants Ted Ruffell and Stuart Gee, many thanks for your dedication.

Guest Critics: Julia Barker [Wilkinson Eyre Architects], Lee Bennett [Sheppard Robson], Iñaki Bergera [University of Zaragoza], Matt Brook [Broadway Malyan], Valentino Capelo [Sheppard Robson], Kyriakos Chatziparaskevas, David Cox [David Cox Architects], James Crawford [dRMM], Mike Cruise, [Glenn Howells], , Hal Currey [Arup], Justin De Syllas [Avanti Architects], Matt Driscoll [Threefold Architects], Laura Evans [Lynch Architects], Ronnie Ford [Uclan] David, Gilkes [DK Architects], Andy Gollifer [Gollifer Langston Architects], Dave King [Shedkm], Simon Knight [Hopkins Architects], Nate Kolbe [Superfusionlab], Sheunghok Lim [Sheppard Robson], Julia Lukasiewicz [Sheppard Robson], Patrick Lynch [Lynch Architects], Charlie MacKieth [Research Design (Architecture) Ltd] Tom Maver [Glasgow School of Art], Douglas McCorkell [Reiach and Hall Architects], John Milligan [Allies and Morrison], Miles Pearson [Pearson Architects], Mark Percival, Sandra Phaup [Thomas Croft Architects], Nicholas Ray [NRAP Architects], Ian Ritchie [Ian Ritchie Architects], Sandeep Shambi [Glenn Howells Architects], Laura Sherlicka [Uclan and Architecture Collective], Randal Turner [Andy Foster Architects], Simos Vamvakidis, Kieran Wardle [Alma-nac-Collaborative Architecture], Matthew Wells, Richmal Wigglesworth [Sheppard Robson].

School of Architecture Administrative Support: Peter Pimblett.

School of Architecture Experimental Officer: Martin Winchester .

Technical Staff: Craig Staples, Rachel Walker.

Creative Workshop Team: Stuart Carroll, Michael Baldwin, Alex Kokai, Stephen Bretland and Mathew Howarth.

Building Manager: Ricky Johnson.

School of the Arts Student Support: Tim Scriven, Luisa Ainsworth, Nic Whelan, Elaine Jones, Sue Wilkinson, Gemma Paul, and Katie Nummery.

Library Liaison: Nicola Kerr.

School of the Arts Finance team: Belinda Tyrell with Alex Halliwell-Bray, Jade Magner and Carl Little.

Thank you to Head of the School of the Arts, Professor Stephanie Hemelryk Donald for her support and guidance.

Year Cohort 2015

Alexei Adascalita, Humberto Amorim Oliveira Rezende, Daniel Anderson, Tunmise Balogun, Haiyun Bao, David Barker, Laura Barrett-Affleck, Matt Bevan, Irshaad Bin Ab Razak, Henry Brook, Charlotte Brookhouse, Alex Brown, Hannah Bryan, Alice Bufton, Abbi Burton-Dadd, Shushu Cai, Liqian Cai, Baiwen Chen, Xi Chen, Xu Chen, Ziyu Chen, Chun Cheng, Sicheng Cheng, Kudzai Chirimuuta, Dongqiao Chu, Eleanore Cole, Nathan Cowley, James Crookston, Craig Cummings, Chenxi Dai, Yunxia Dai, Viet Dam, Shiqi Deng, Siqu Deng, James Dent, Mateo Deza, Zuo Zhou Ding, James Doherty, Nevena Draganova, Janet Durkin, Ekomobong Ebong, Qingying Fan, Chris Fleming, Connor Foster, Marina Freitas-Klein, Ka-Ho Fu, William Galloway, Yiwei Gao, Consolini Giacomo, Hugh Gibbs, Ana-sofia Goncalves-De-Almeida, Lily Green, Tong Guan, Michael Guirov, Shijia He, Geraldine Ho, Jason Ho, Te-Sha Ho, Henry Holmes, Die Hu, Yi Huang, Yuning Huang, Zixuan Huang, Ruoyu Huang, Minhui Huang, Olugbenga Ibidunni, Tudor Ilie, Aqsa Imtiaz, Gustaf Jackson, Haochen Jia, Man Jia, Wen Jiang, Ziyi Jiang, Diantong Jiang, Xun Jin, Stephanie Johnson, Seungyun Jung, Jessica Jung, Sejal Karadia, Nadia Kazakova, Andrew Kent, Robert King, Thomas Kirby, Lazaros Kyratsous, Jing Li, Nuoyang Li, Bohan Li, Shuyang Li, Hanbing Li, Xiang Li, Yiran Li, Zhijin Li, Sen Lin, Xiao Lin, Jiamin Lin, Fengdi Liu, Yiyue Liu, Jiawei Liu, Xiaochen Liu, Yang Liu, Conor Lloyd, Huiwen Lu, Xuwen Lu, Xiao Lu, Xuerui Lu, Ruiqi Lv, Qiwei Lyu, Shengyue Lyu, Chengchao Ma, Bo Ma, Joel Mann, Yujiangmeng Mei, Yuhao Miao, Raisa Monterio de Barros Oliveira, Will Moss, Aqsa Munir, Qizhi Pan, Arminas Panavas, Harry Parker, Cristina Popescu, Michael Posso, Ishaan Prakash, Yuhui Qi, Shengyu Qian, Yu Qian, Shuyu Qin, Xuerong Ran, Matthew Rawlins, Ffion Roberts, Binchen Rong, Marcos Sansao, Maximilian Schwarzmüller, Yuecong Shan, Xing Sheng, Yun Shi, Jingzi Shi, Sabina Silvestrovic, Sini Simon Varghese, Ruby Sleight, Tao Song, Ashvin Soni, Dorian Starte, Shuyang Su, Ting Su, Huzaifah Sulaiman, Joelle Tamin, Jin Tan, Cheng Tan, Renjie Tang, Chi Teng, Jingyuan Tian, Yuxin Tian, Zeyu Tian, Han Tian Han, Nicholas Topping, Sian Trezise-Hardinge, Hongying Wang, Mingjia Wang, Xinyun Wang, Haoming Wang, Xuehao Wang, Yuyang Wang, Chenxu Wang, Danfeng Wang, Di Wang, Minghao Wang, Tao Wang, Yating Wang, Zhongxiang Wang, Zhihao Wei, Ping Wei, Su Wei, Chang Wen, Amy Whitmore, Alice Williams, Yucheng Wu, Chenxi Wu, Jingya Wu, Weijia Wu, Alexandra Wye, Yunpeng Xiang, Linlin Xie, Nan Xie, Kai Xing, Chaojie Xu, Yunqi Xu, Zhun Xu, Mengdi Xue, Sicheng Yan, Peiyu Yang, Tian Yang, Weijie Yang, Kailin Yao, Pengcheng Yao, Yao Yao, Yiheng Ye, Jeremy Yen, Marcus Yeomans, Xiashu Yin, Xiaosu Yu Katarina Zatkova, Menglei Zhang, Boya Zhang, Hao Zhang, Hongyi Zhang, Ruinan Zhang, Yihan Zhang, Anqi Zhang, Weijing Zhao, Liangyin Zhao, Jiaxin Zhao, Qian Zhao, Jie Zhou, Qi Zhou, Yida Zhou, Meng Zhou, Jun Zhou, Xiaofei Zhu, Xiaoyuan Zhu, Junru Zhu, Jinhui Zhu, Xi Zhuo

