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

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

Printed by Imprint Digital, Devon UK

ISBN 978-1-910911-02-0

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Liverpool School of Architecture - BA3  
Studio 4 Yearbook - three of four

Edited by  
Asterios Agkathidis, Sandy Britton, Iain Jackson, Martin Winchester

Studio4 is not afraid to push the envelope: starting with considerable research into materials and complex forms the students' work extensively through physical models. This is important because a model cannot hide its intentions in the way that drawings frequently do. A model also forces us to engage with materials, depth, weight and is often the only meaningful way to convey such complex and beautiful shapes. Computers help to resolve some of the geometries and with the advent of 3d printing, robotics, laser cutters and the like the studio has manifest its proposals in some extraordinary productions. A danger of this approach is that the architect works in venal isolation from the location of the proposal and even the very function of the building – but thankfully not here. Instead the Studio has tackled the themes of arrival, departure, threshold and event. Semester1 considered the Mersey Ferry terminus at Seacombe – a challenging but very rich brief with civic design implications for the wider area. Semester2 moved to the western edge of the Wirral peninsula where the brief was to design a spa on the cliff edge of Thurstaston. Designing in a semi-rural context demands a gentle touch but is no excuse for timidity or conservative proposals. Risks need to be taken, mistakes can be celebrated. In a school of architecture we should commend those projects that grapple with intricate geometries and attempt to form meaningful spaces within and between those exciting volumes and dramatic shapes.

[Iain Jackson](#)

What is Architecture? For those who missed the lecture where the secret was given out the answer is this:

That which cannot be made from LEGO.

This can be clearly seen in Asterios Agkathidis's parametric studio. Very little of what was created there could possibly be made with plastic bricks, so any student who joined this Studio was off to a flying start. Above all it is the models which amaze me, part machine-made part hand-made using both intuitive and technical methods, a sort of balance between mind and body.

As Whitehead put it: We think in generalities, but we live in details. What better description of being an architect could there be. Everyone who has got to the end of third year will understand the truth of this, and I hope, be able to convert that understanding into a lucrative and useful career.

I may not be there in person join you, but my shade will welcome all of you who return at noon on Friday the 19th of June 2065 to swap stories and see how a generation or two has passed. Until that happy day -- good luck to every one of you.

[Andrew Crompton \(Part 3 of 4\)](#)

# 4

## Introduction

Studio 04 is focusing on emerging trends in architecture, related to novel technologies and digital design. Students are encouraged to explore innovative architectural geometries, typologies and structures. Our design method is based on analysis of site and architectural precedents, form finding experimentations focusing on physical and digital model prototypes and finally their transformation into architecture.

Our studio is offering optional advanced 3D modelling workshops as well as field trips in locations related to our design theme. In the academic year of 2014-2015 Studio 4 students have been asked to develop design solutions for a ferry terminal and thermal spa, both located in the greater Liverpool area. Our field trips to the Venice Architecture Biennial and Bath supported students in developing their design briefs alongside to various exciting cultural experiences.

<https://studio04lsa.wordpress.com/>



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## Semester One

### A Ferry Terminal for Liverpool: researching on material driven geometries

In the first semester of year 3, we have investigated the relationship between, material, structure and geometry in order to design a Ferry Terminal located in the greater Liverpool area. In particular, we have focused on the use of material systems, their construction principles, production characteristics and application, and how they condition the structural, spatial and environmental qualities of a small, free-standing building. Our site, being located between water and land, brought its own challenges and opportunities to be considered. In order to maximize student experience and future employability skills, studio4 has provided optional 3D modelling tutorials in Rhinoceros 5, in addition to an optional field trip to Venice. During our trip, we have experienced the city's special relationship with the water, as well as the world famous Venice Architecture Biennial exhibition, where we held one of our seminars open to the public. We were excited by the spontaneous interaction and positive feedback we have received by many of the visitors.

## Semester Two

### Thermae, Bath, Spa & Well-being: architecture inspired by nature

In our second semester we have investigated the relationships between, space, typology, structure and geometry in order to design a Bath / Spa facility located in the greater Liverpool area. In particular, we have focused on structures inspired by nature in all types and scales and the way they condition the spatial, typological, contextual and environmental qualities of a middle size, free-standing building. Our site, being located by the water, brought its own challenges and opportunities to be considered. In our constant effort to maximize student experience and employability skills even further, studio4 continued to offer optional 3D modelling tutorials including Rhinoceros 5 and Grasshopper as an introduction to parametric design. In addition we have organised an optional field trip to Bath where we have visited the famous Thermae. Alongside a guided tour through the Spa facilities, all students had the opportunity to experience a 2 hour treatment in Britain's only natural thermal baths.



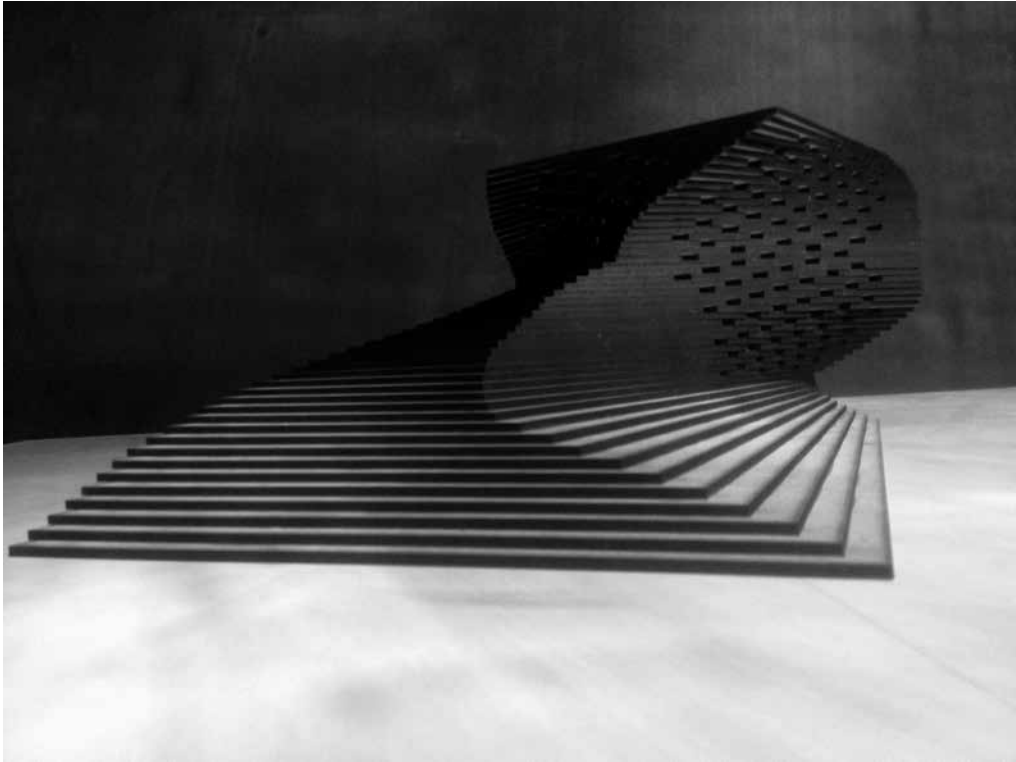


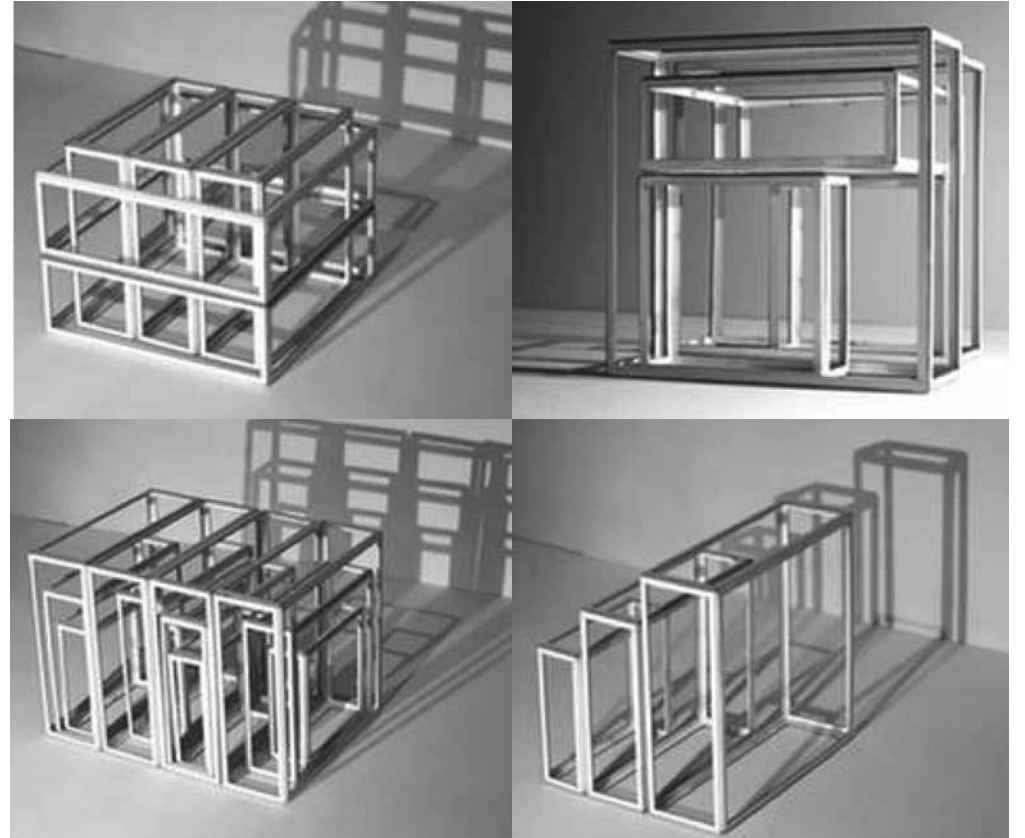
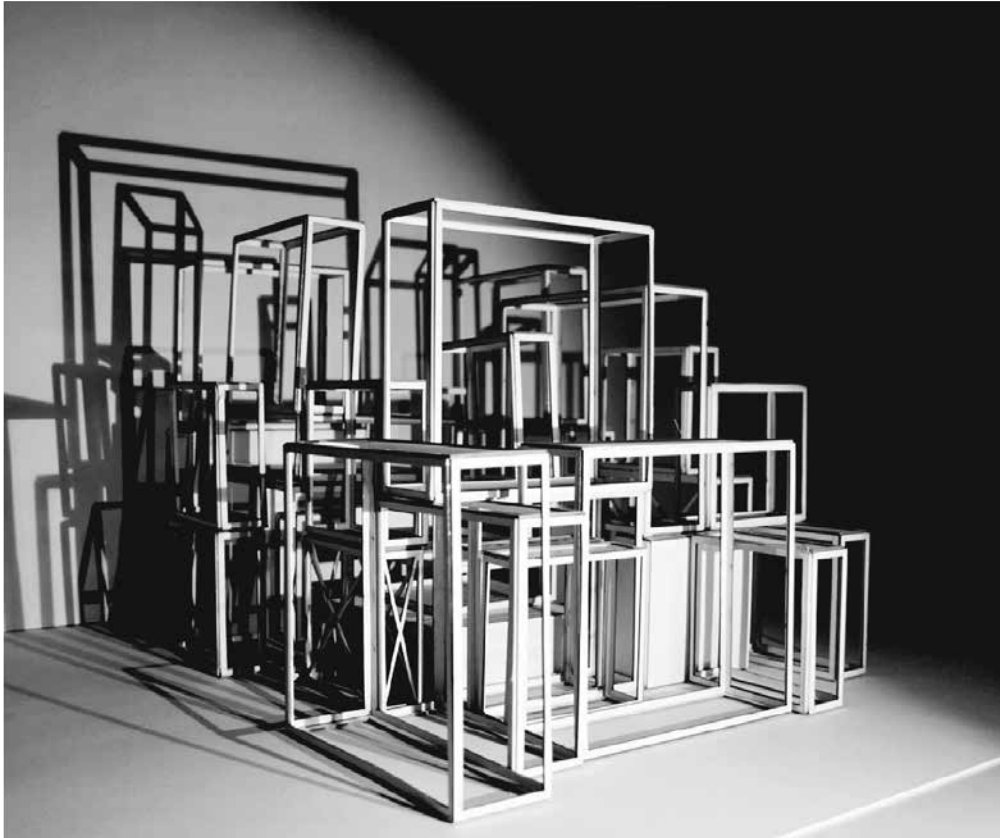
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Semester 01: Venice Biennial Field Trip

Semester 02: Bath Field Trip





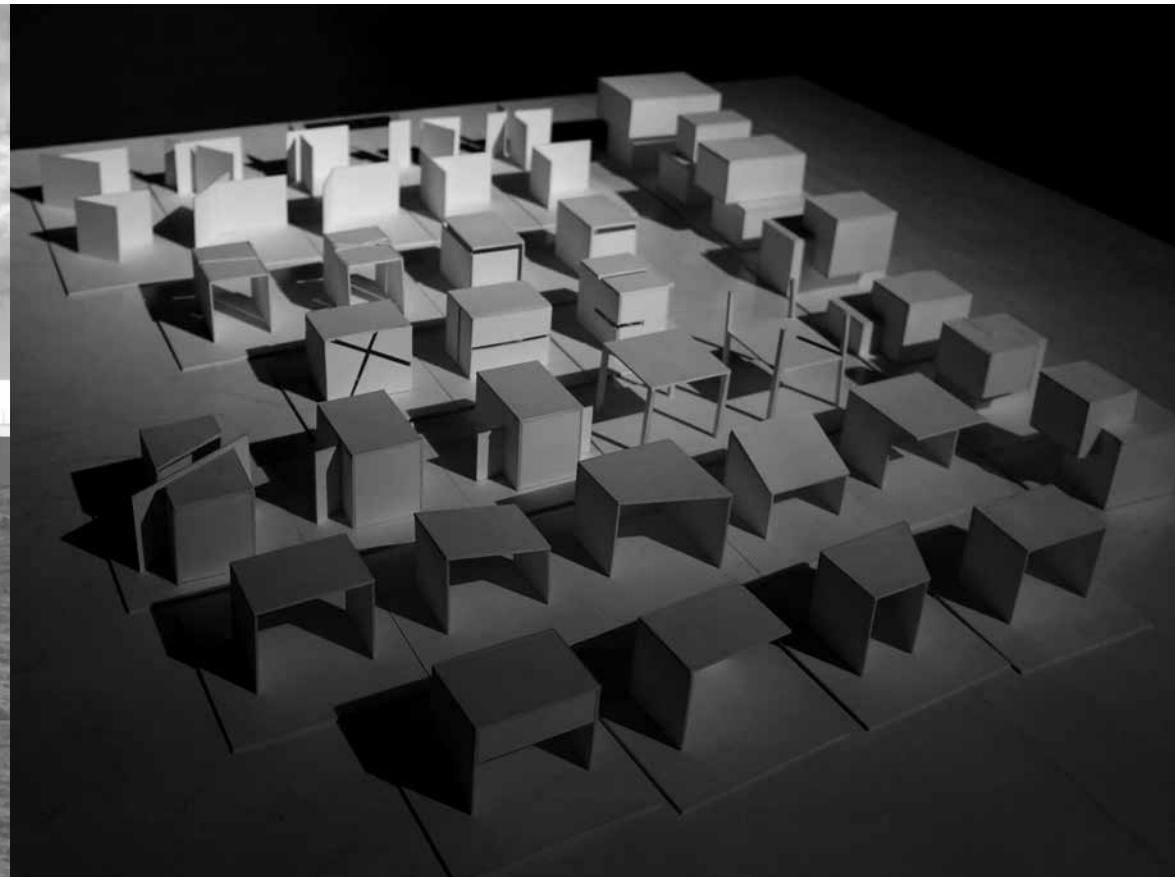




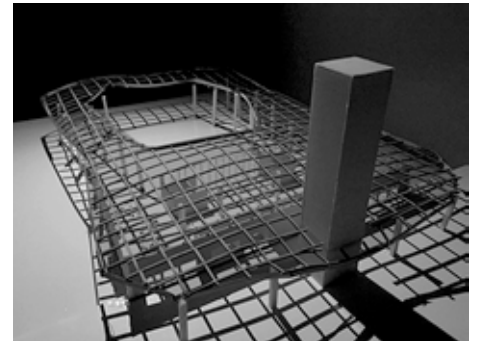
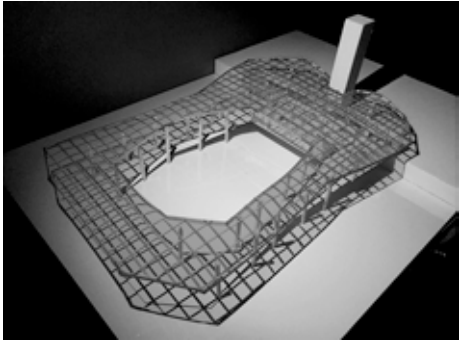


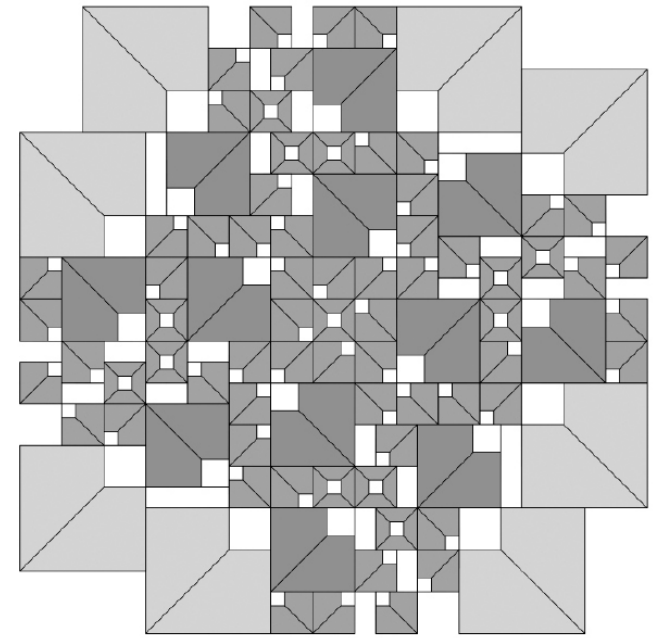


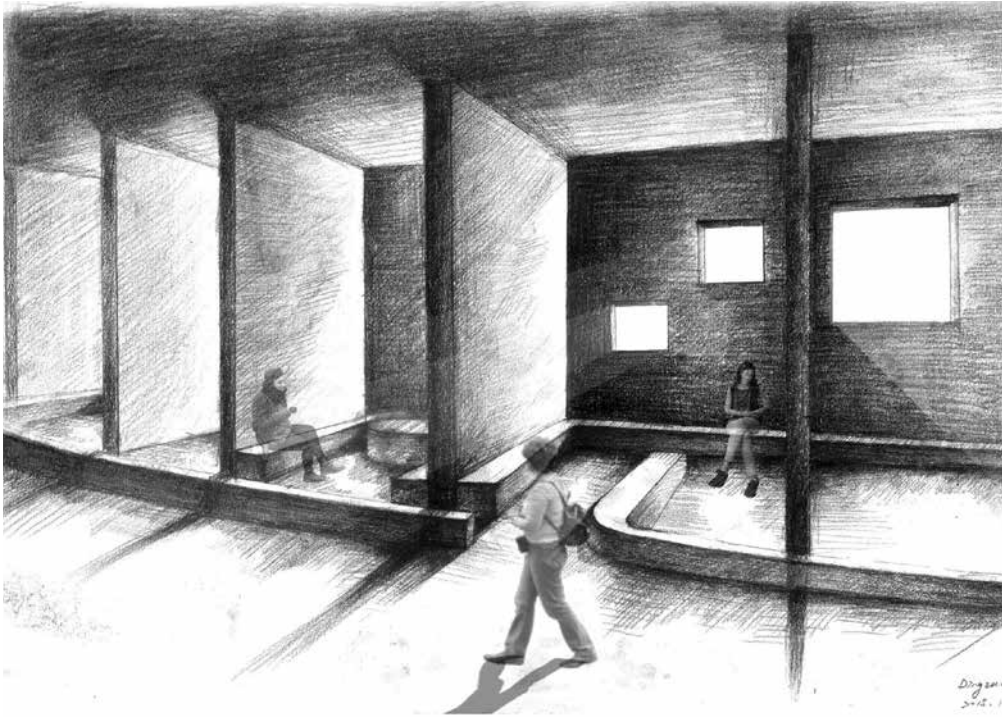




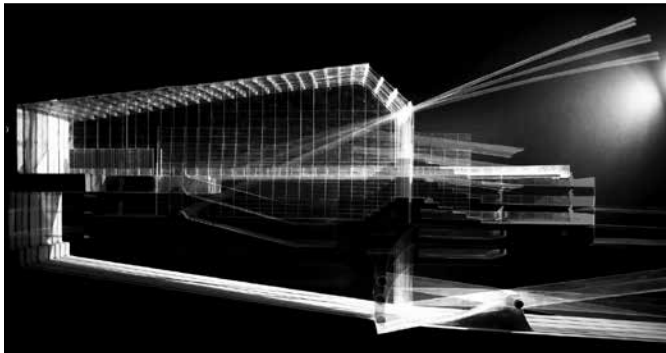




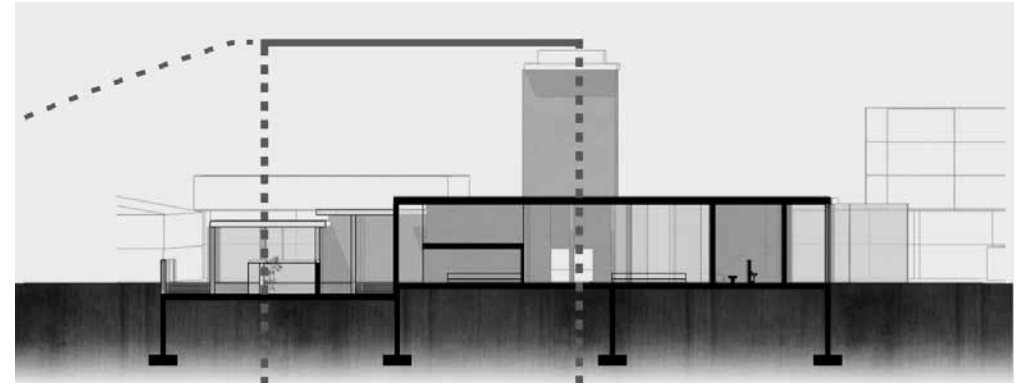


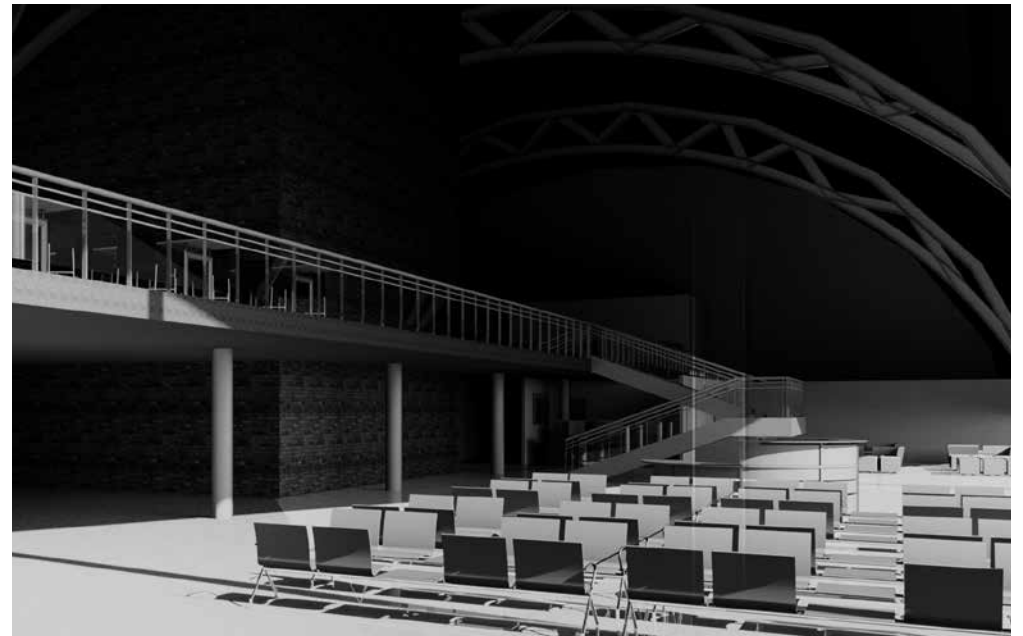
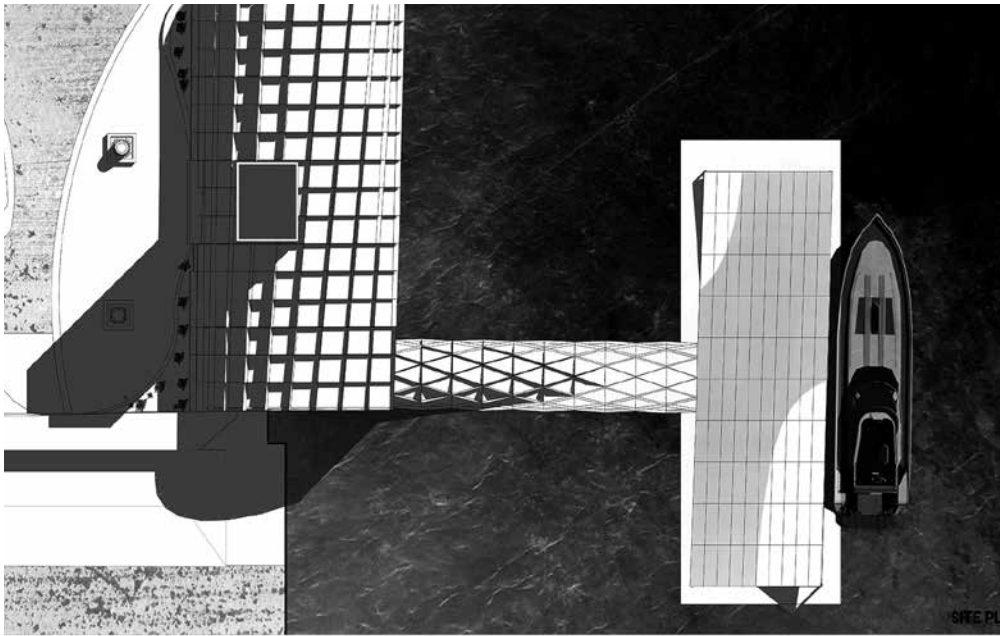


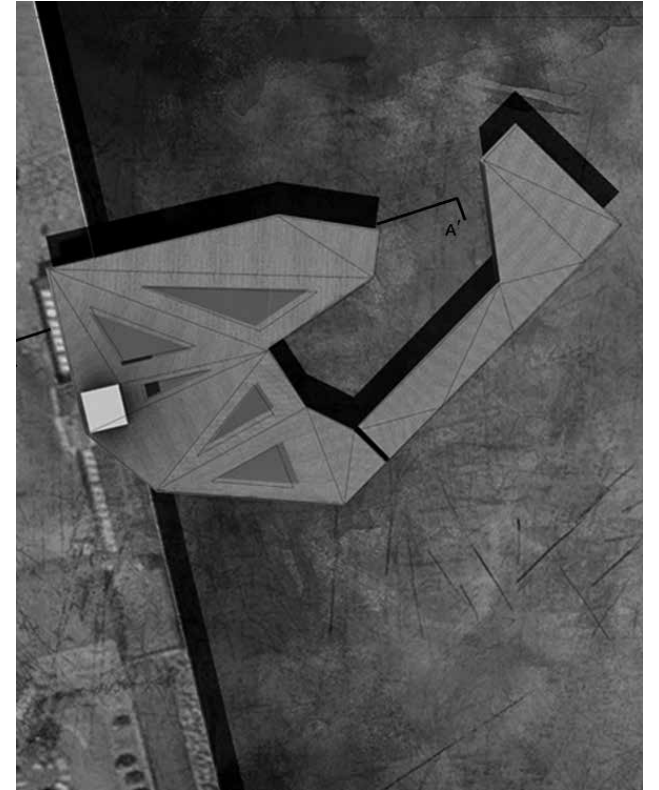




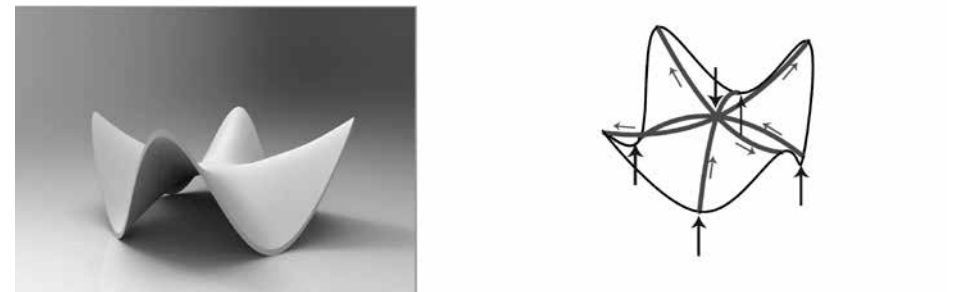
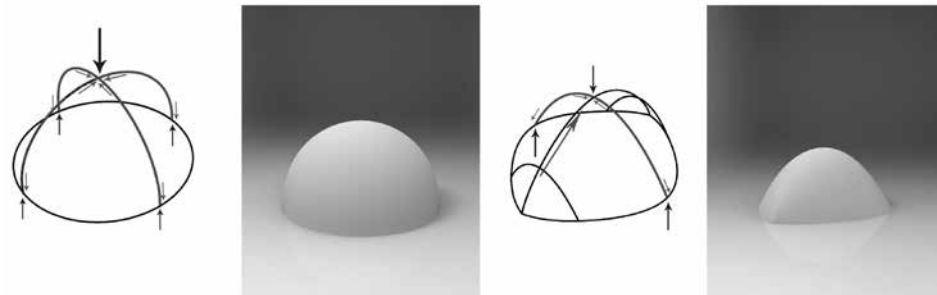
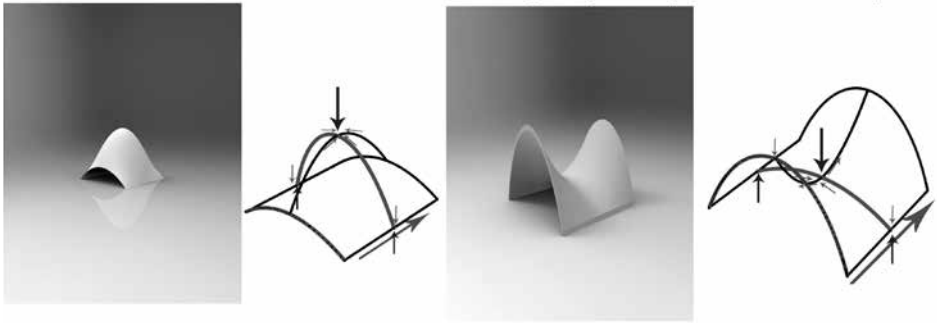
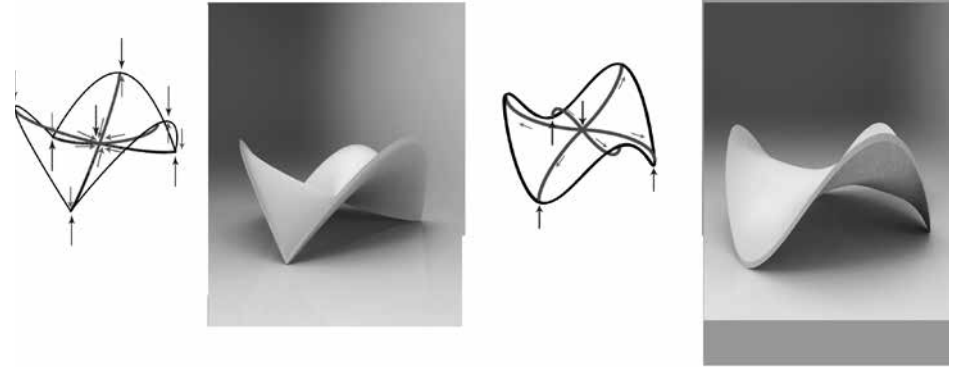
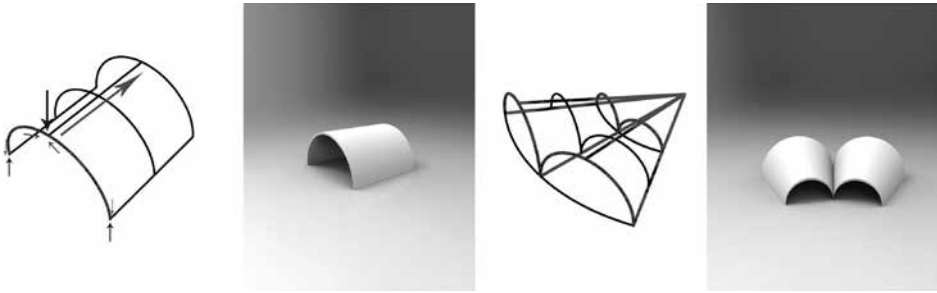




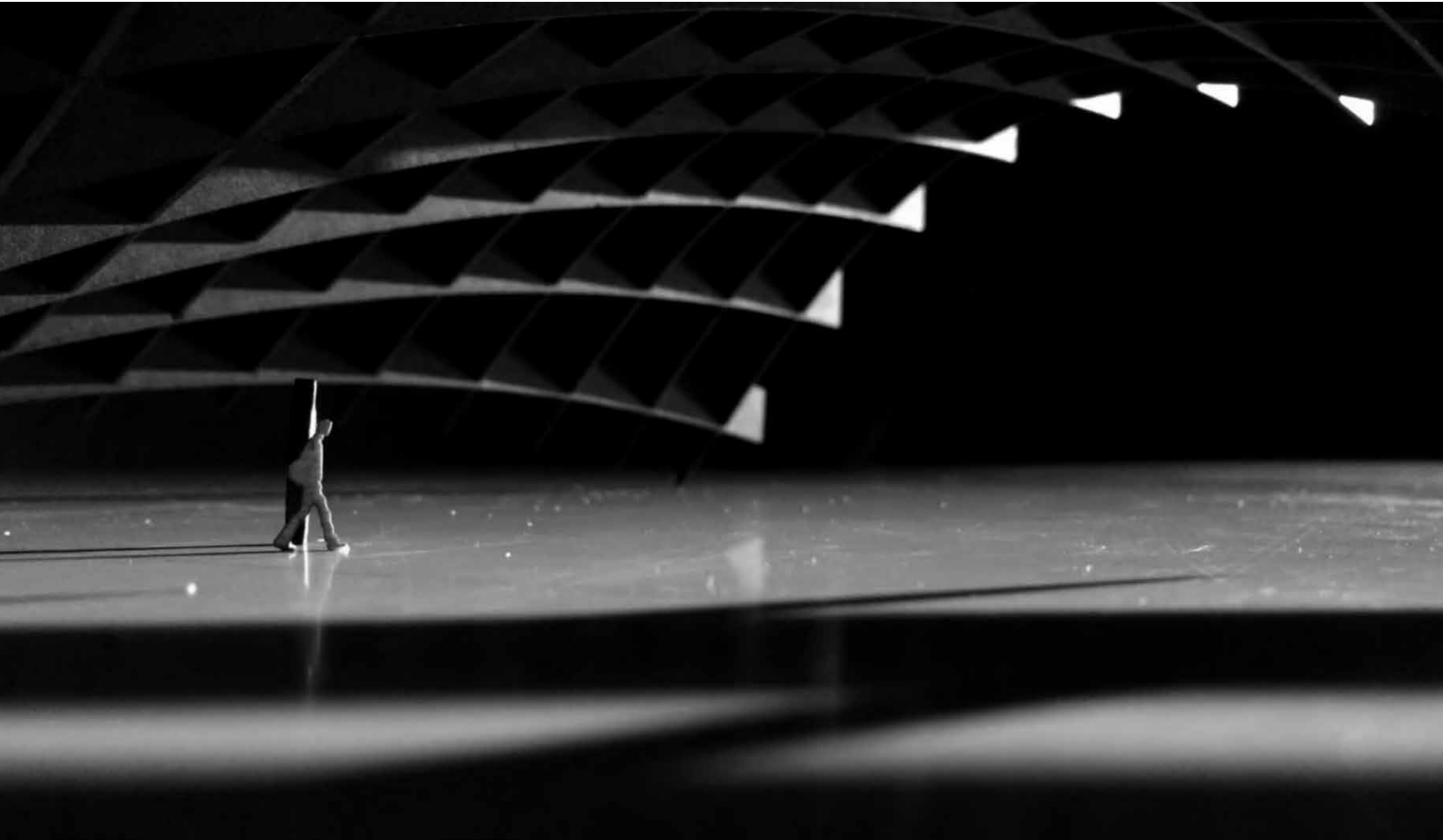


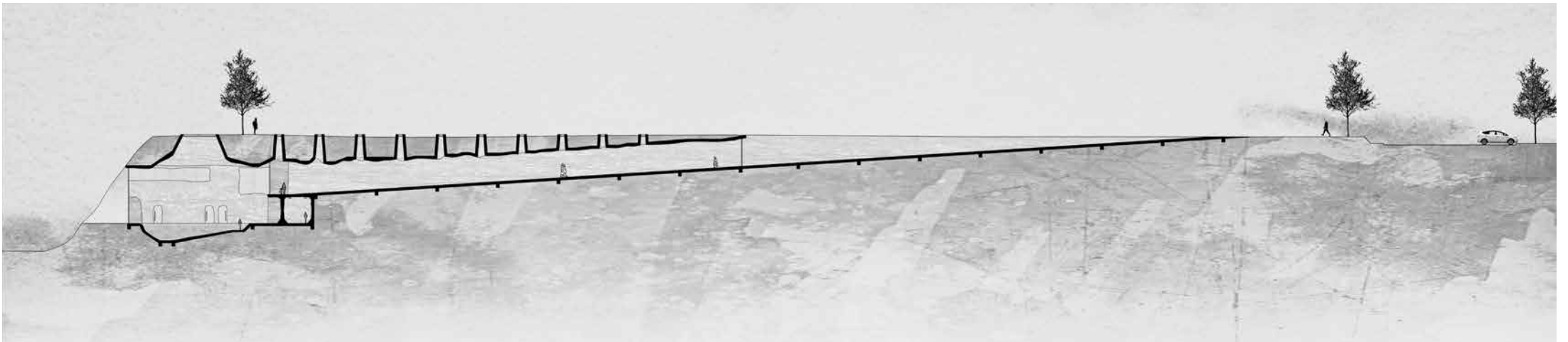




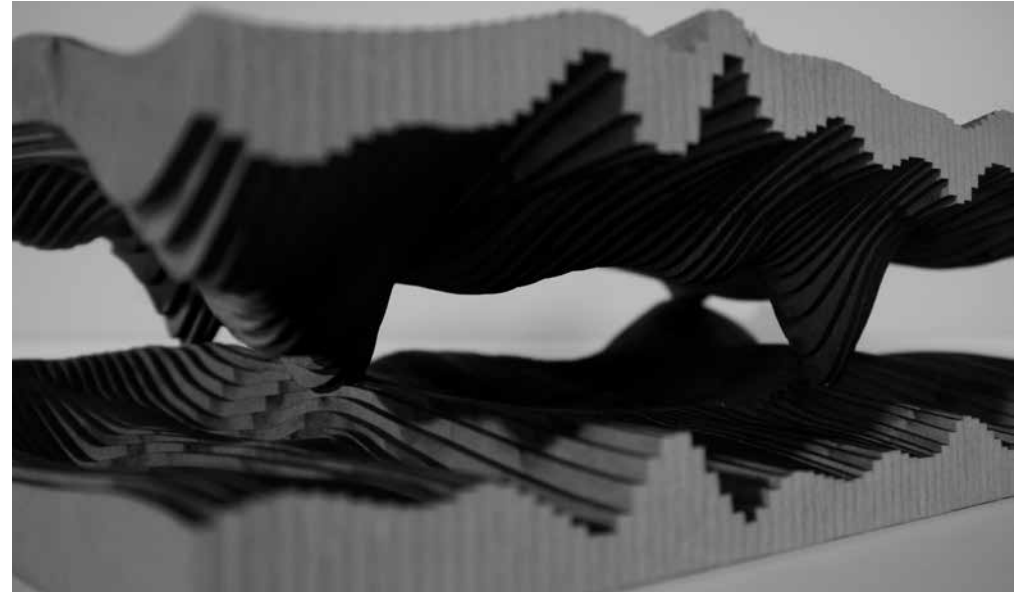
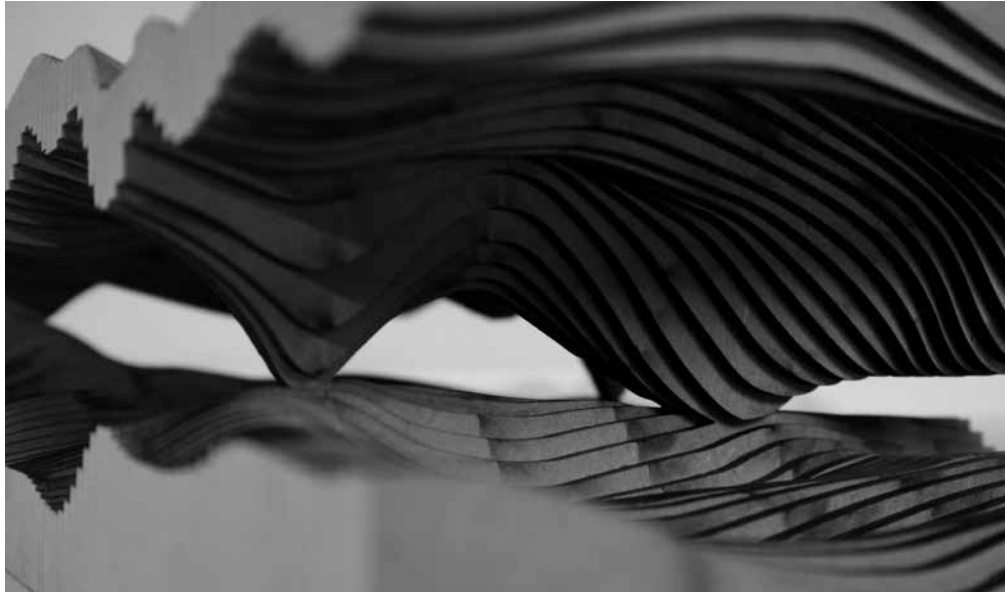




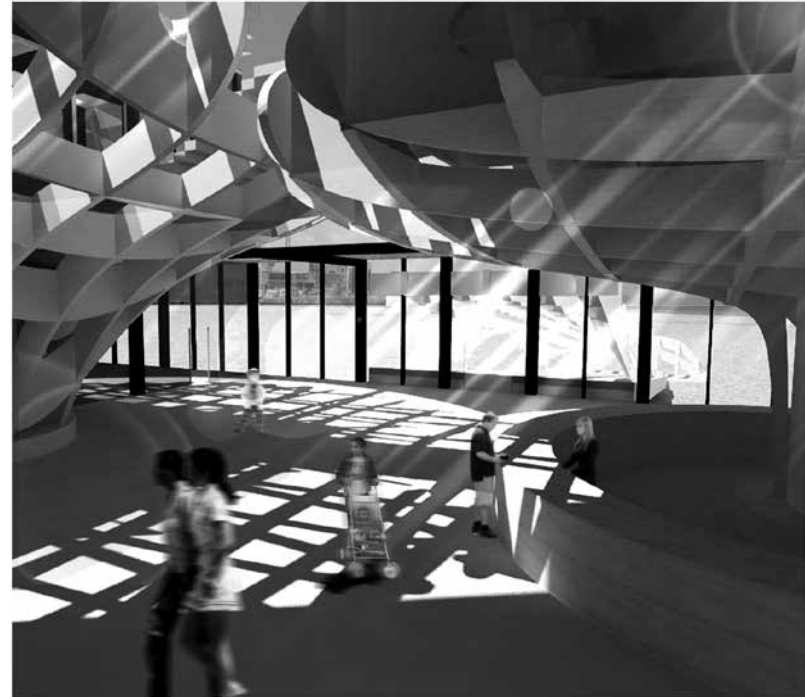
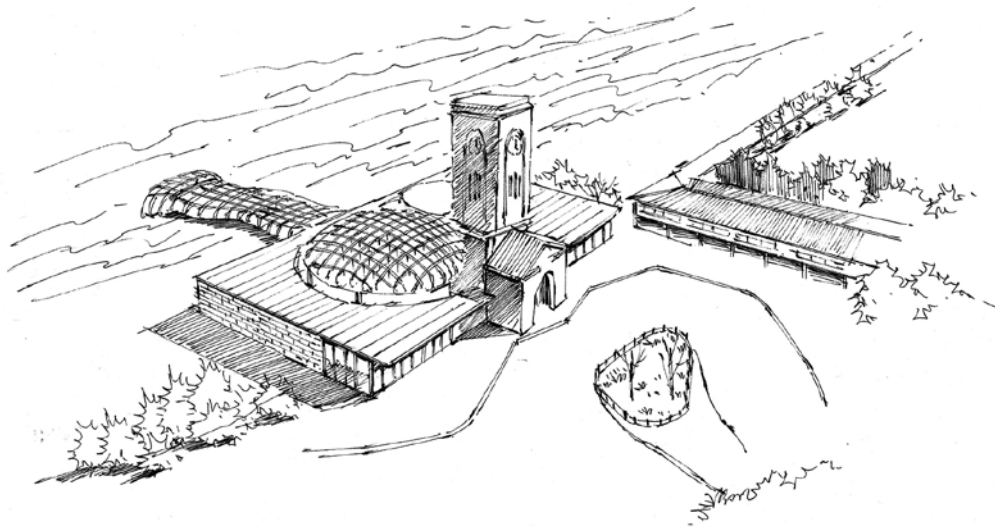


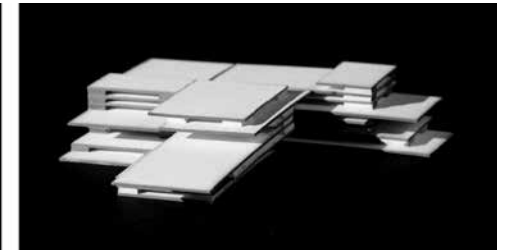
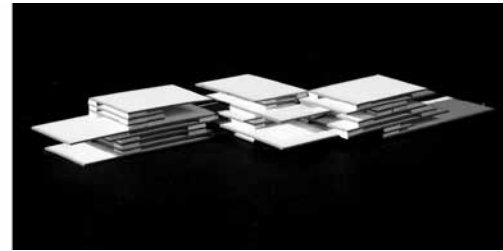
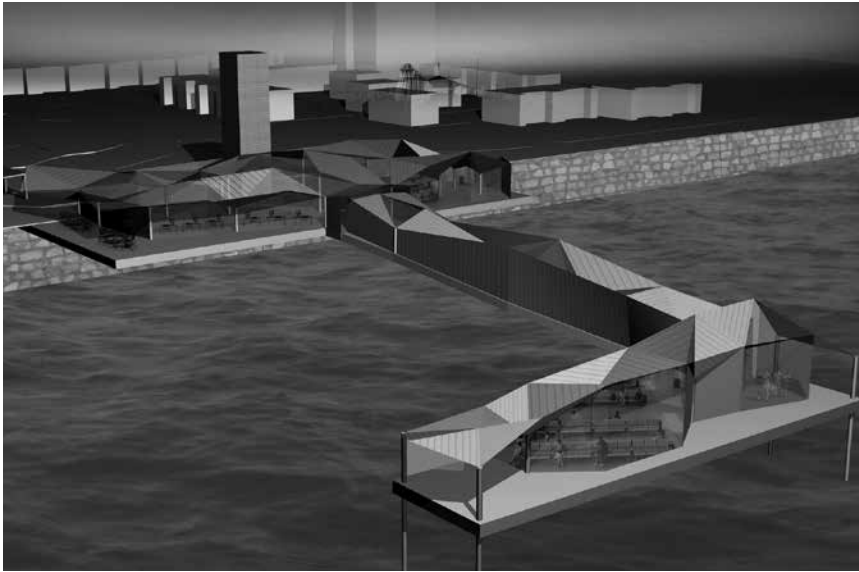


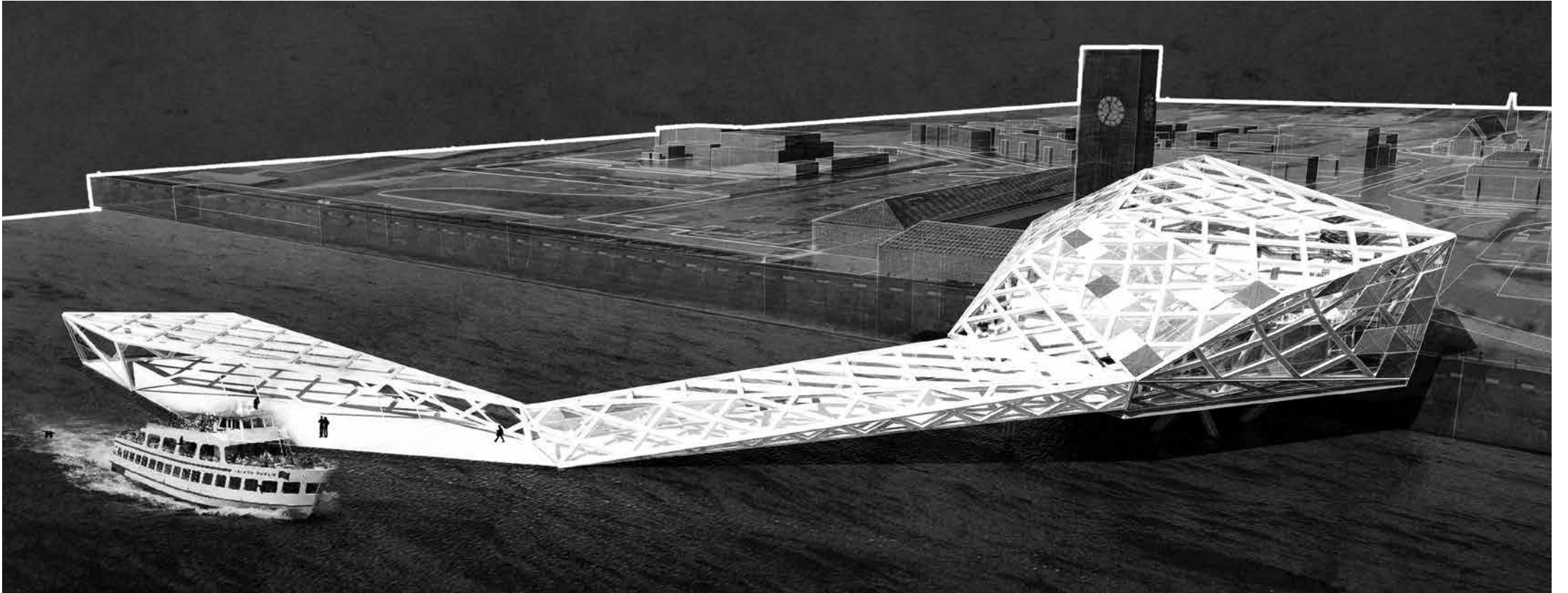


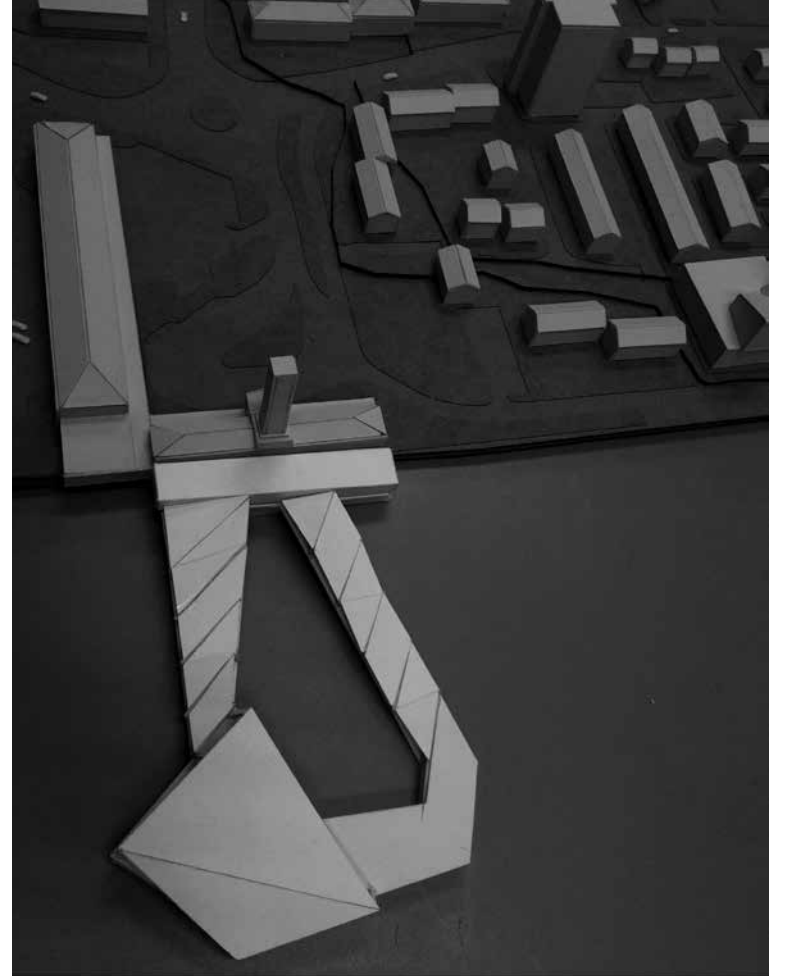
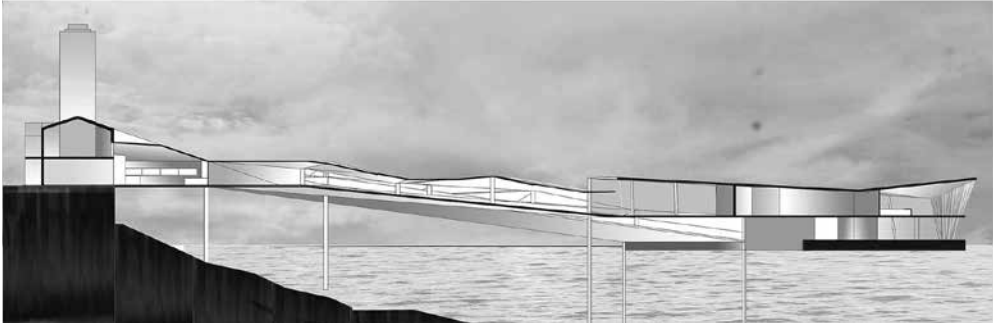


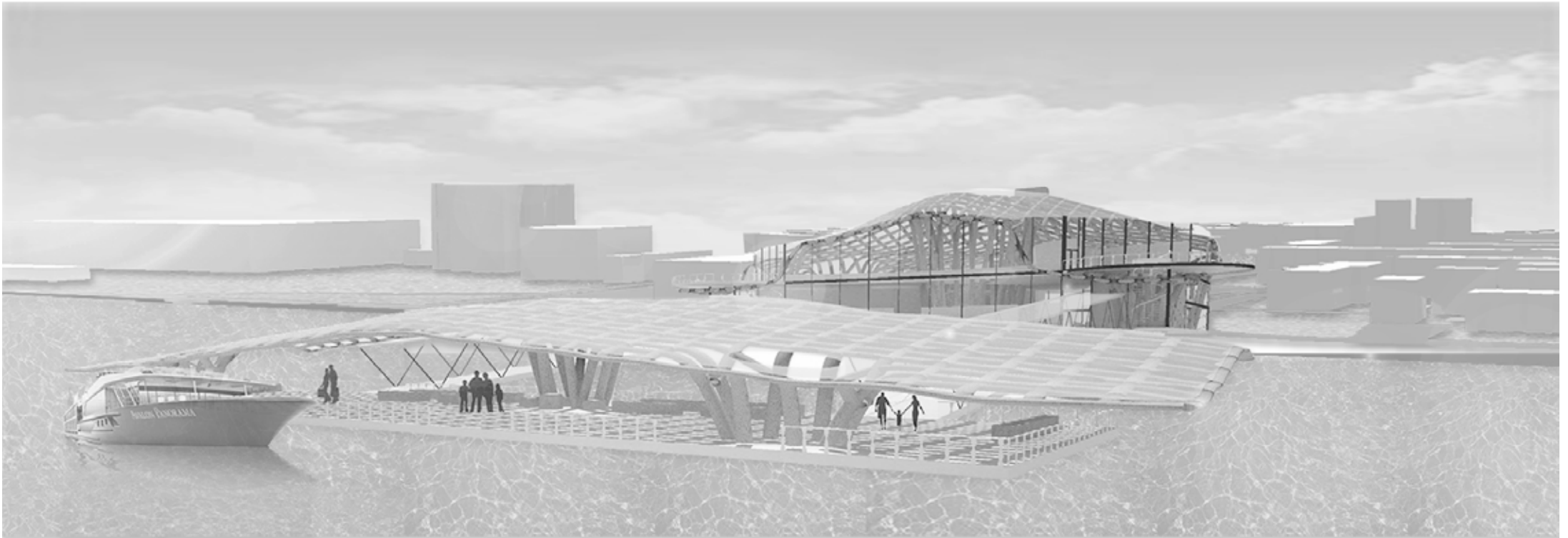
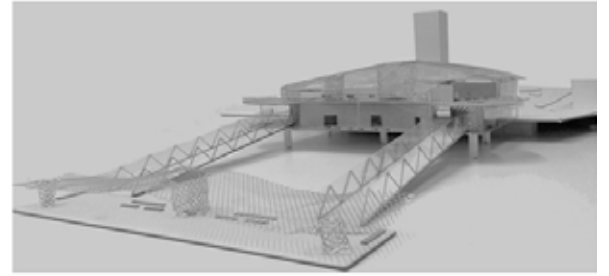
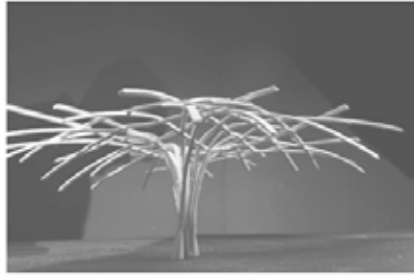
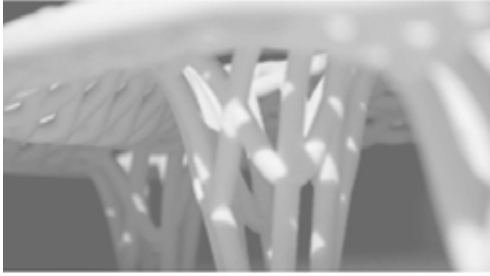


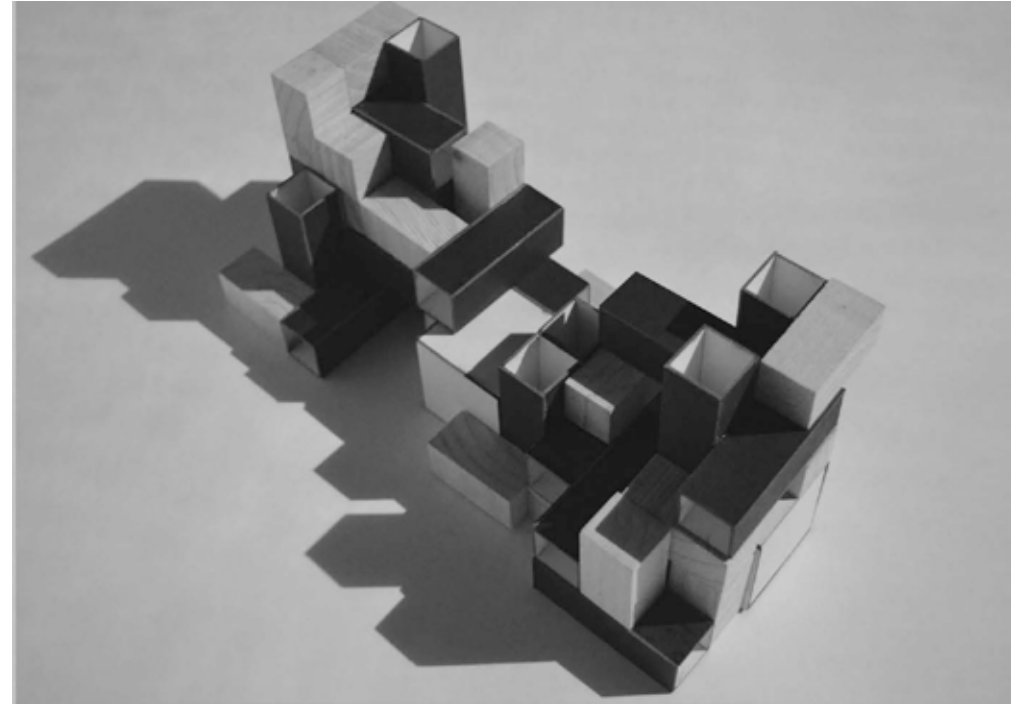
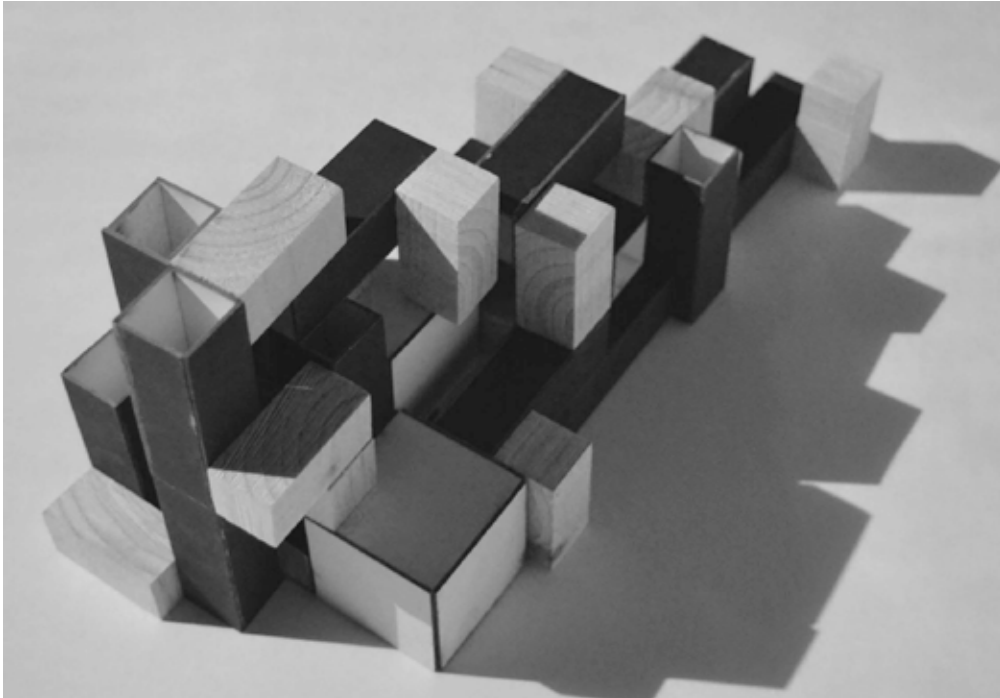




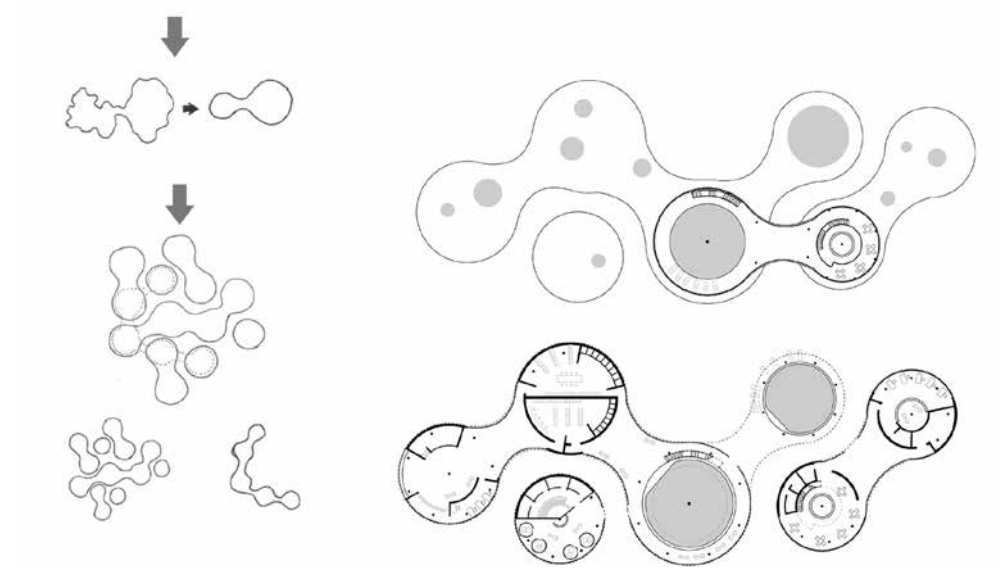


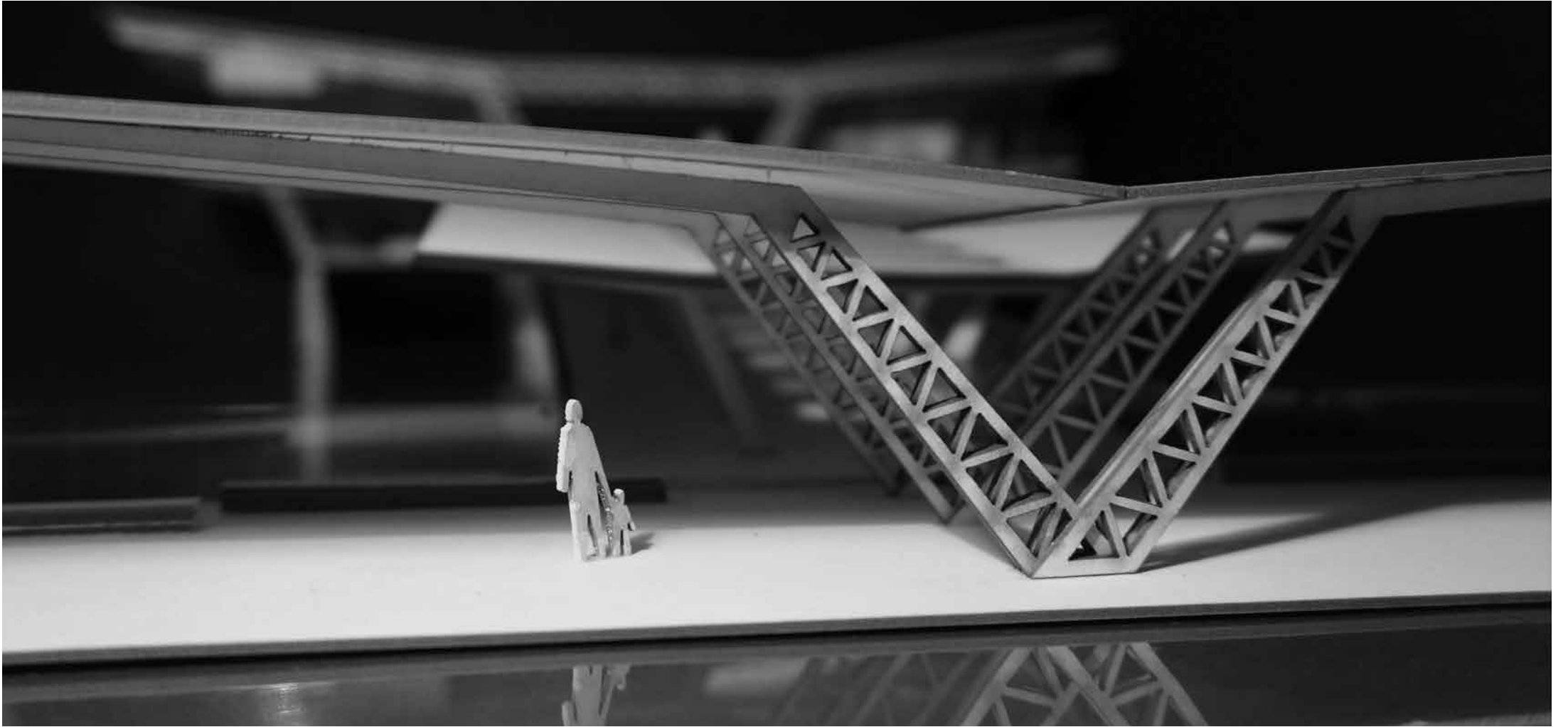


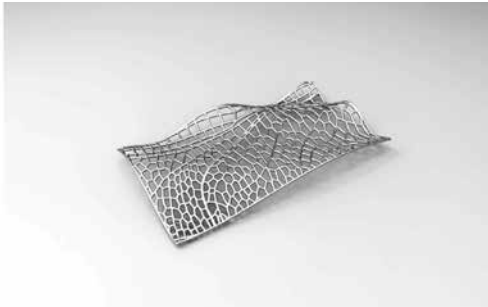
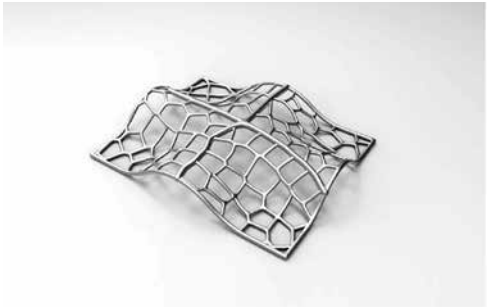
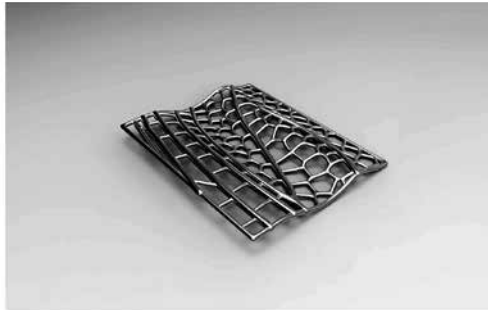


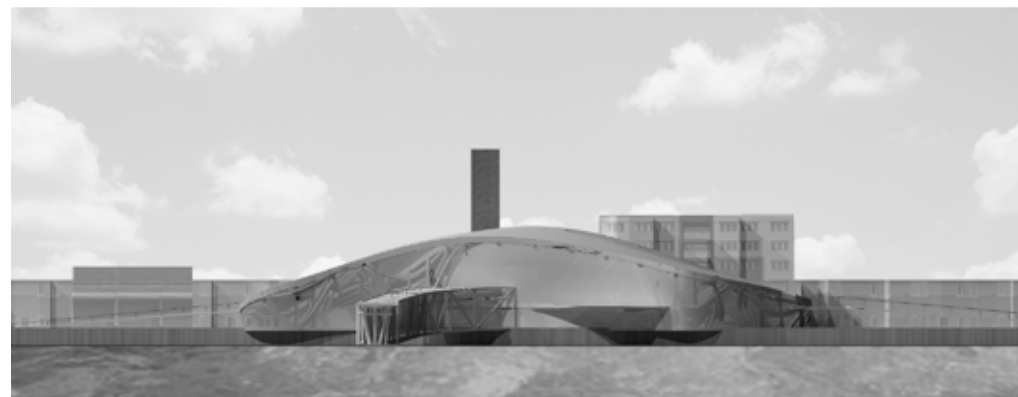
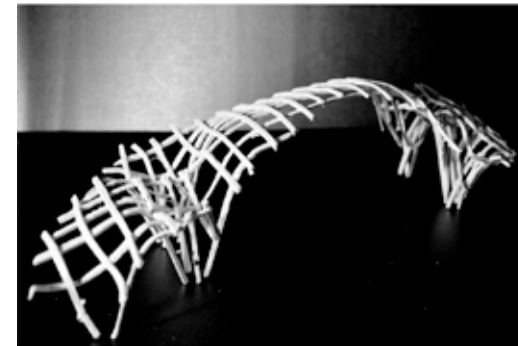
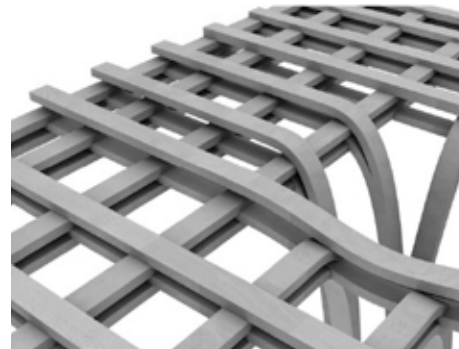
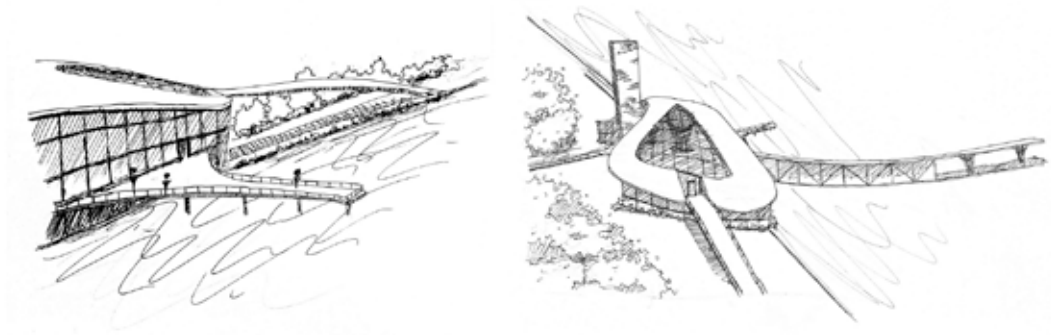


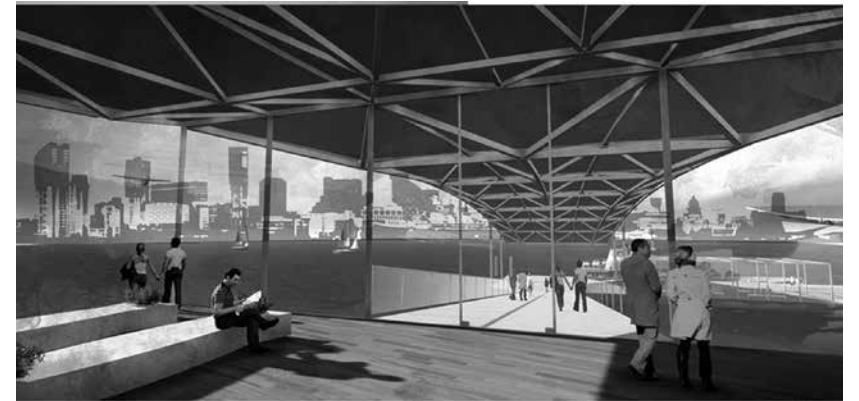
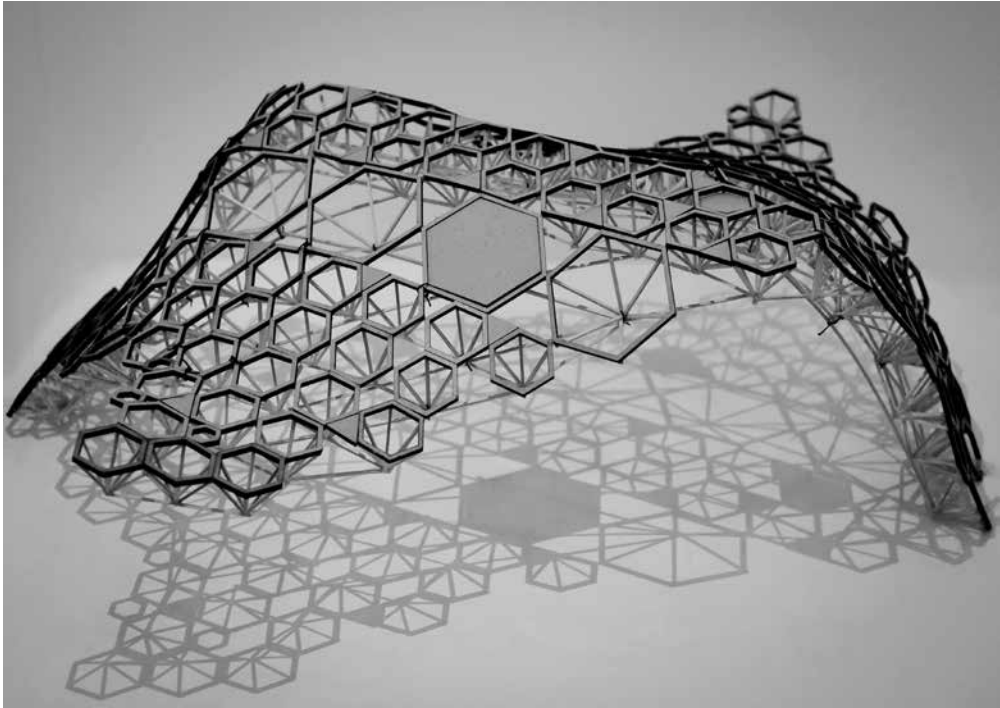


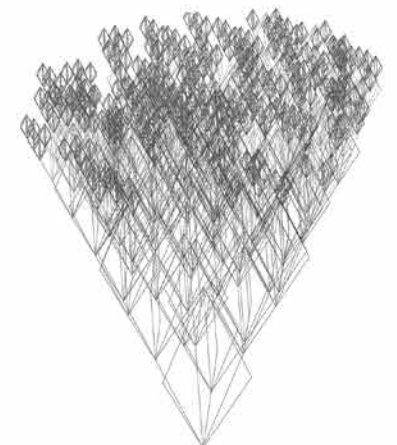
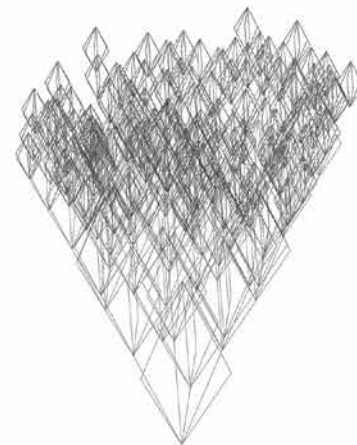
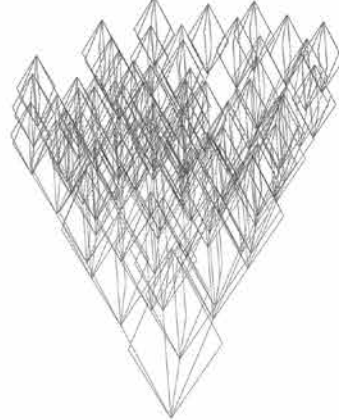
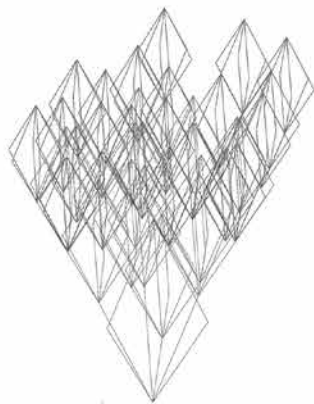
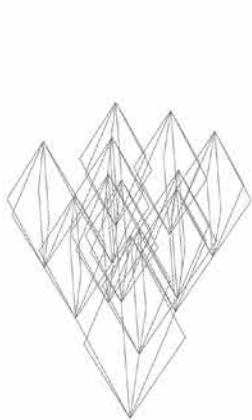
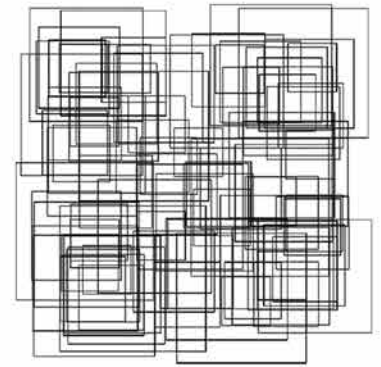
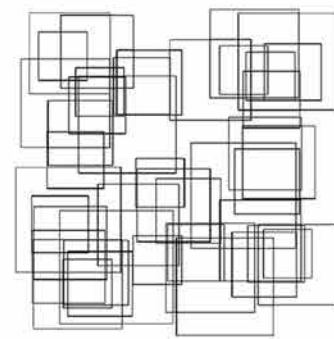
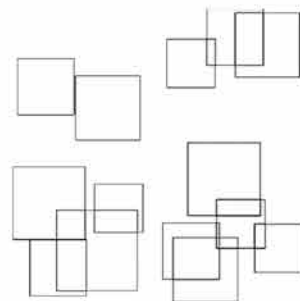
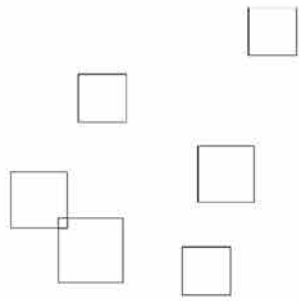
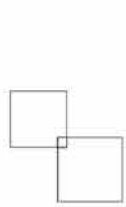
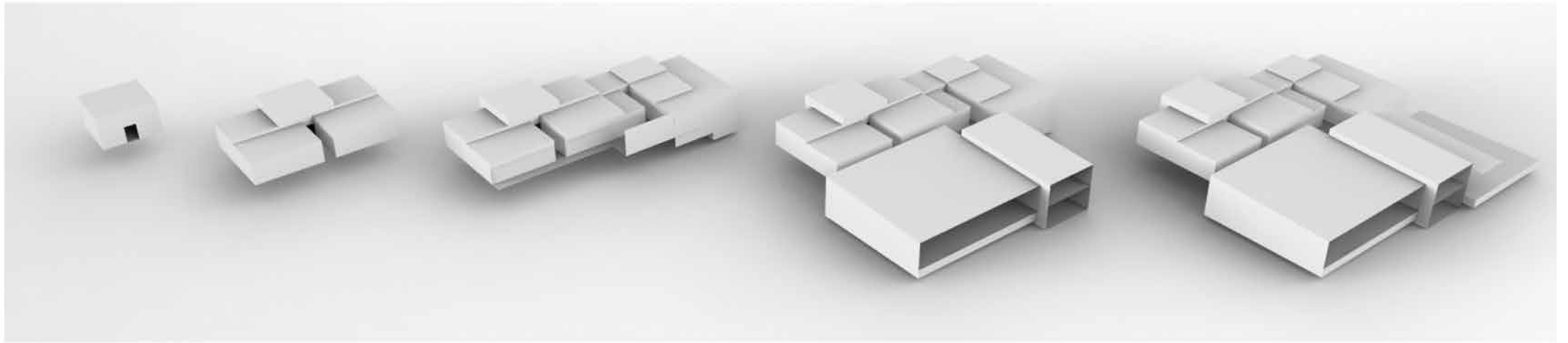


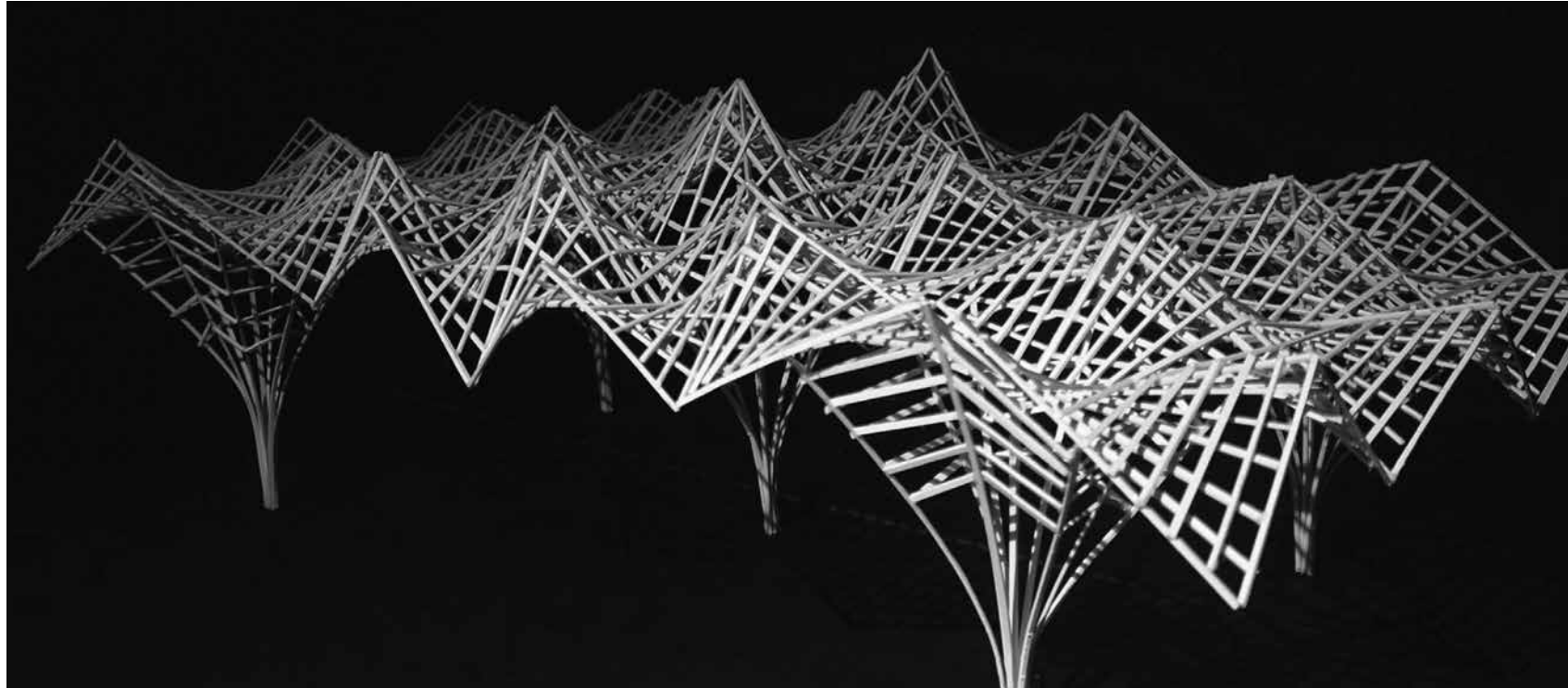


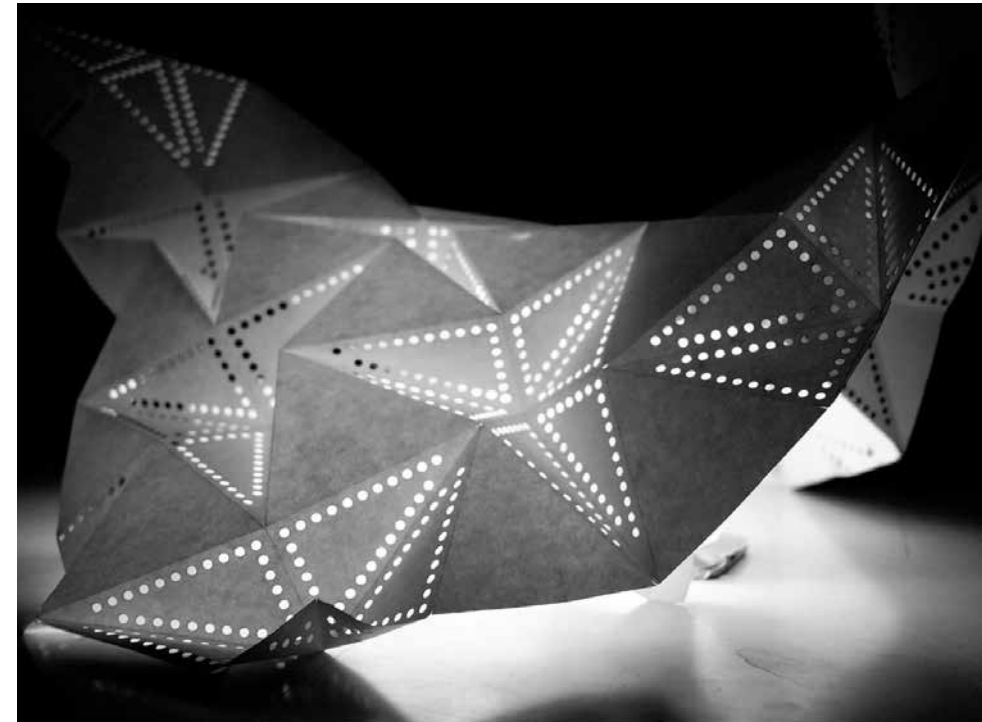




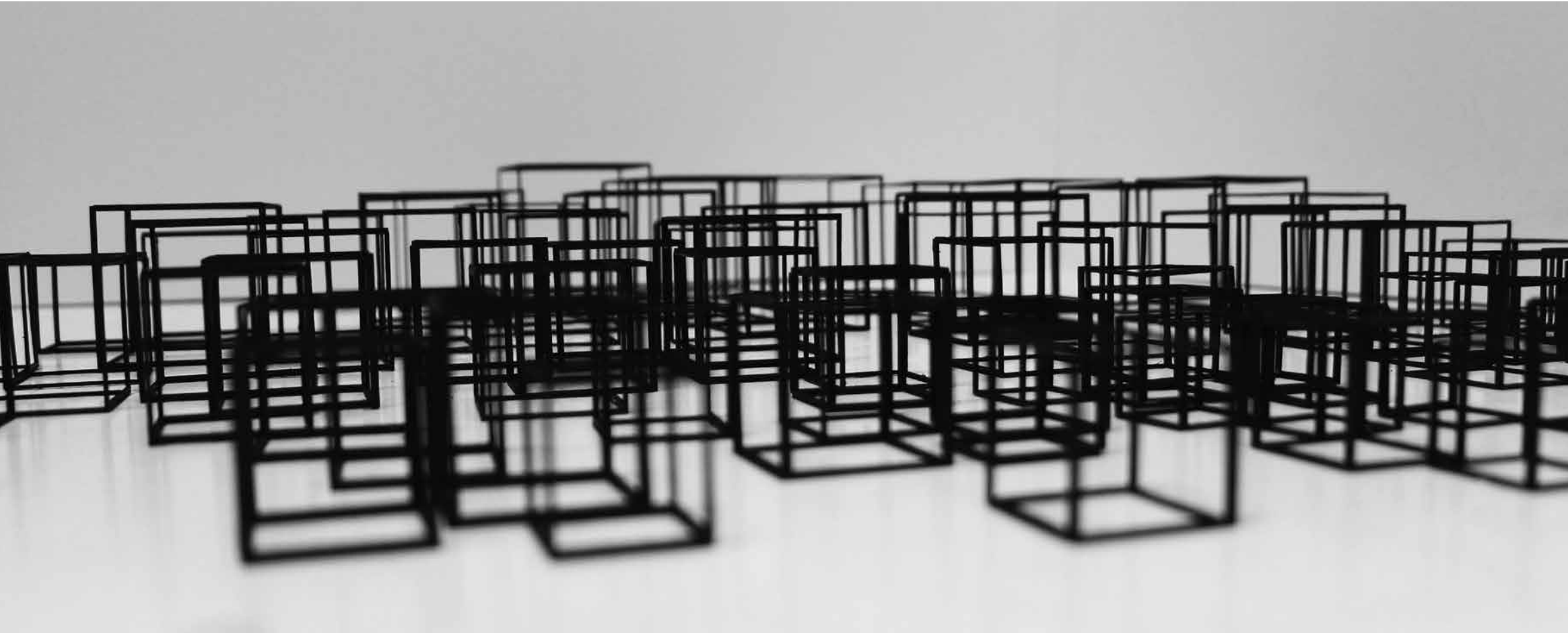






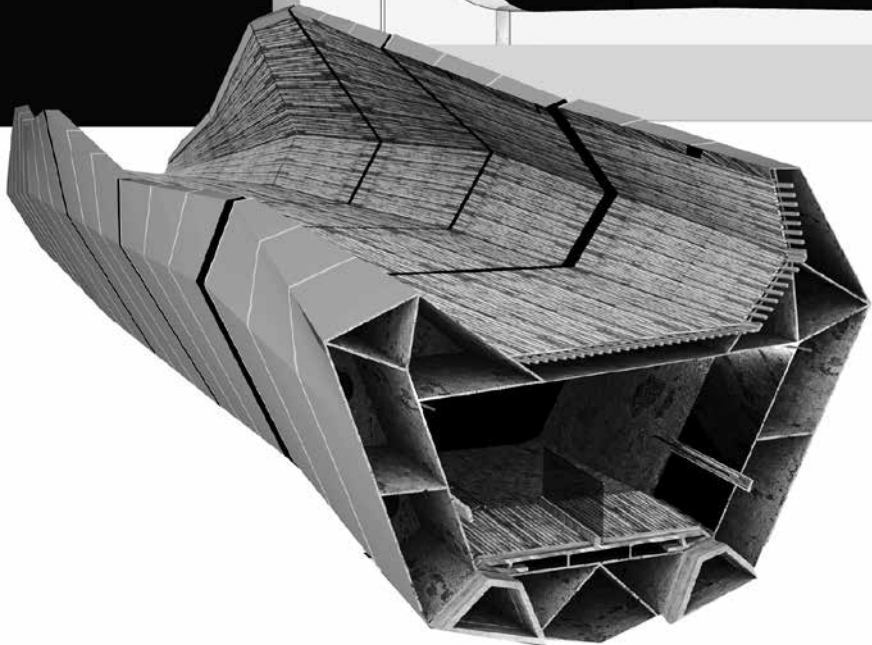
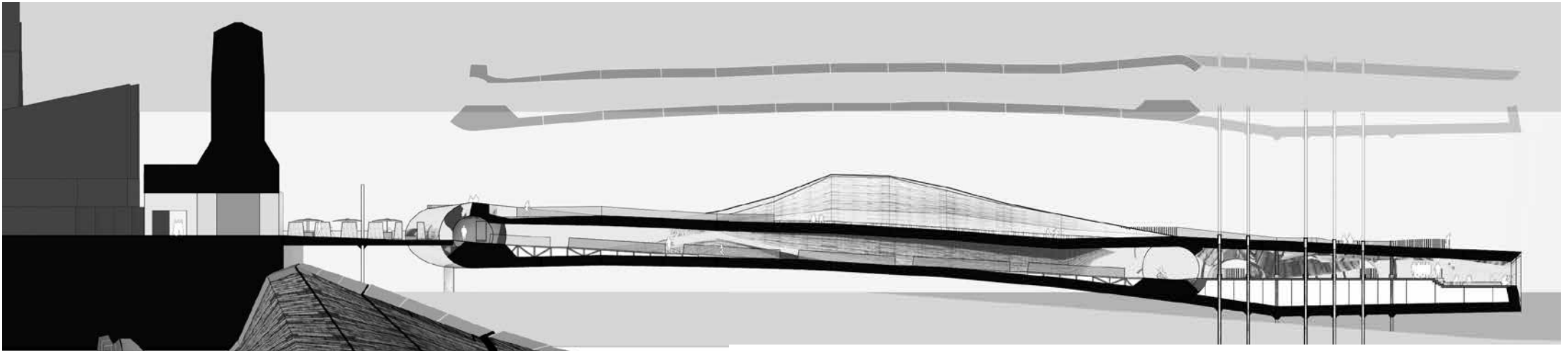


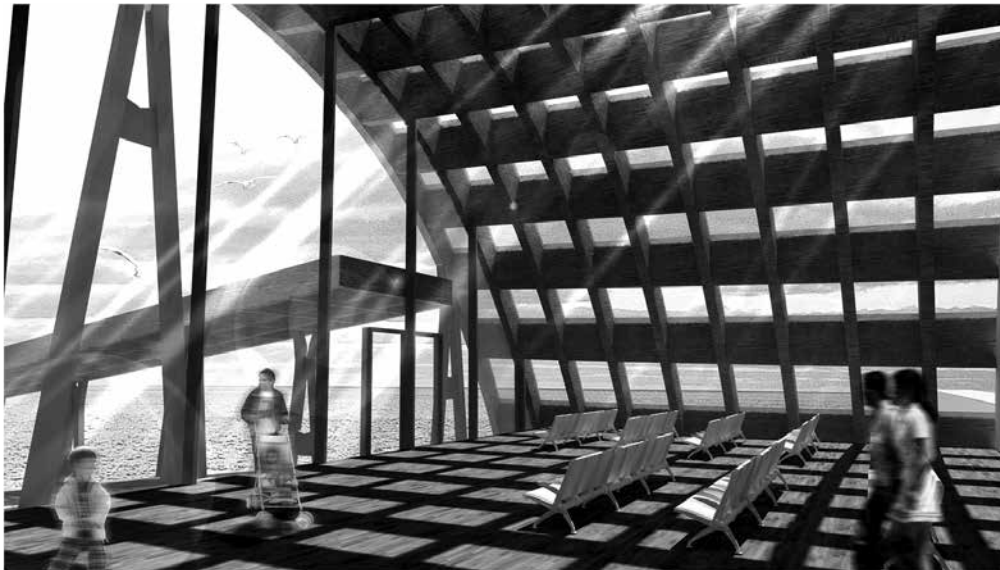


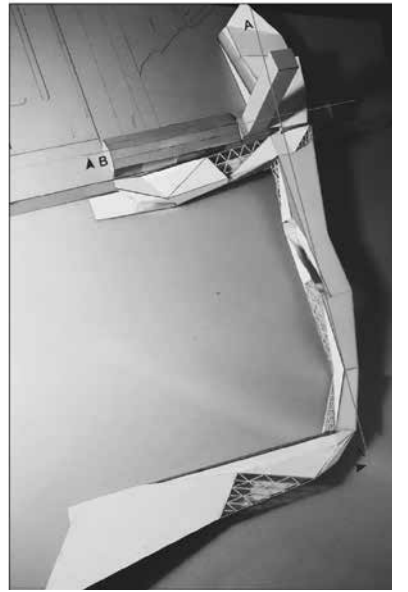








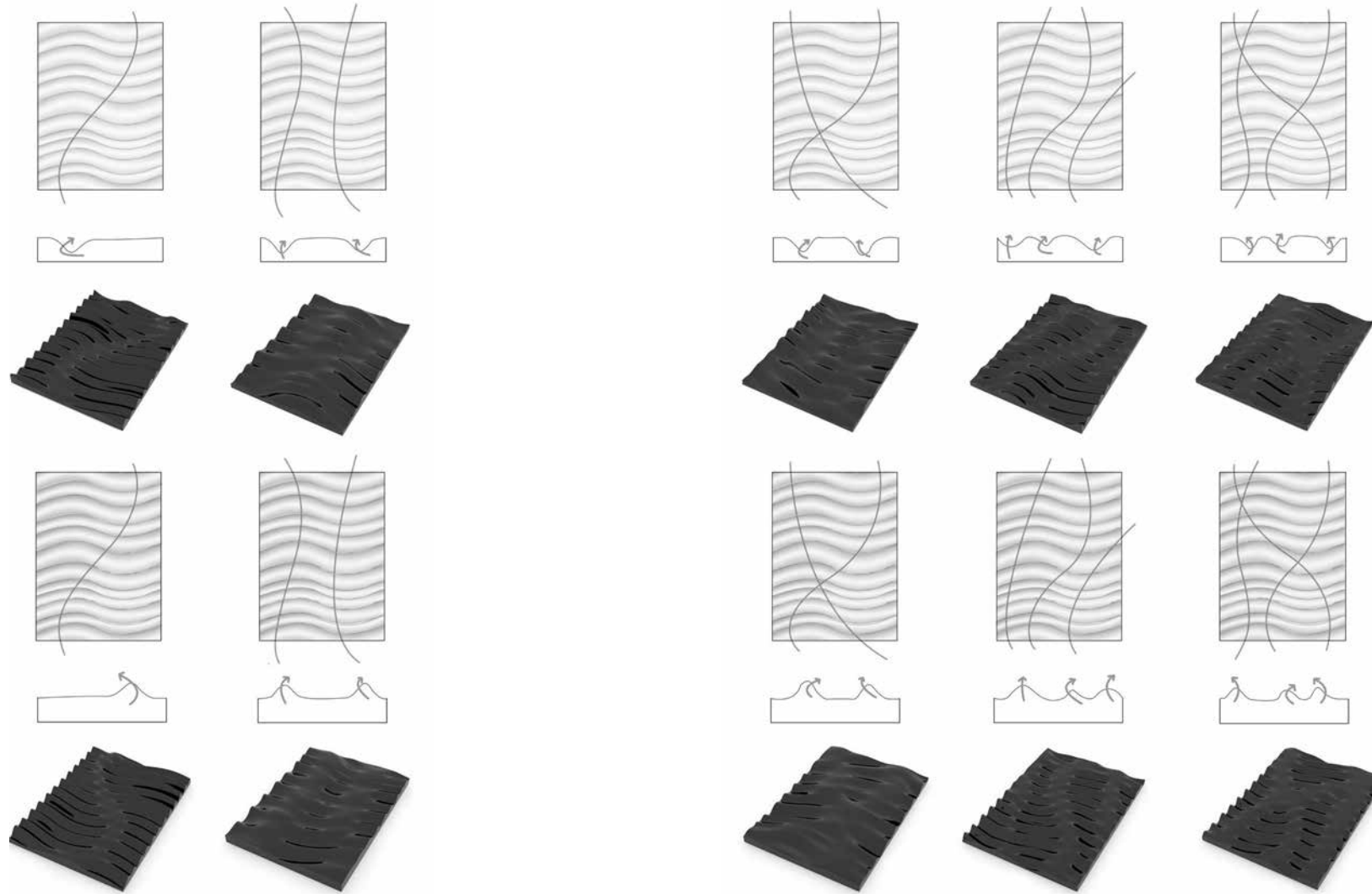


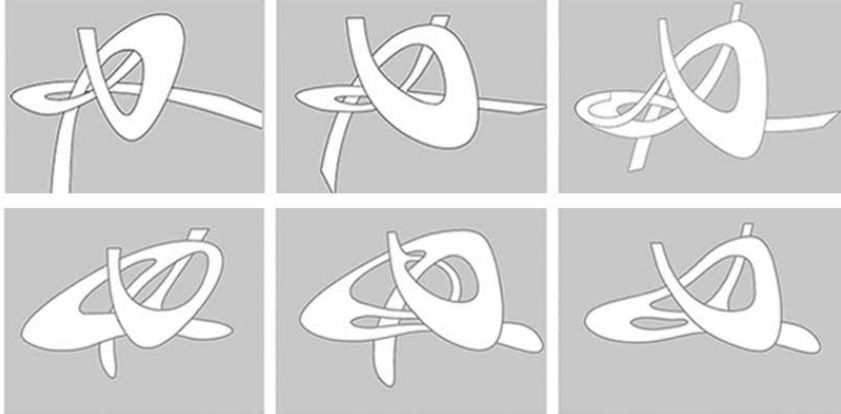


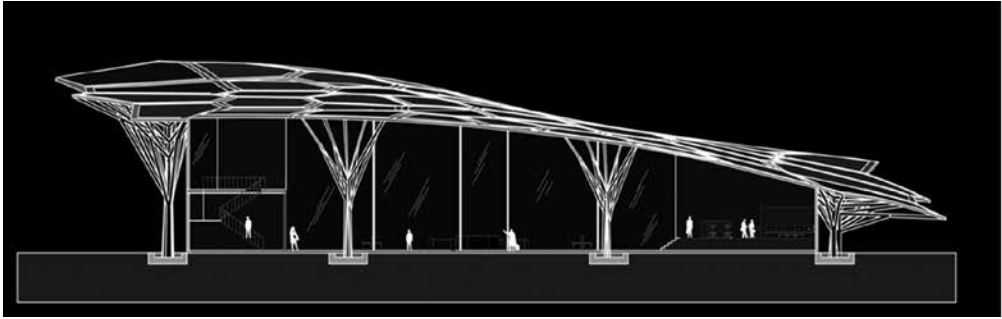
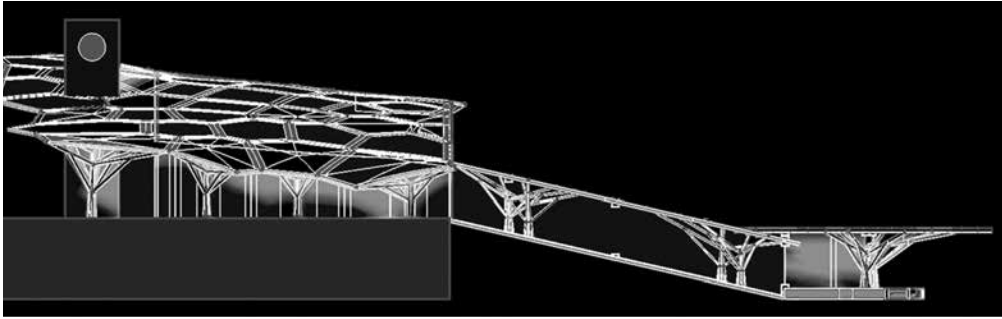


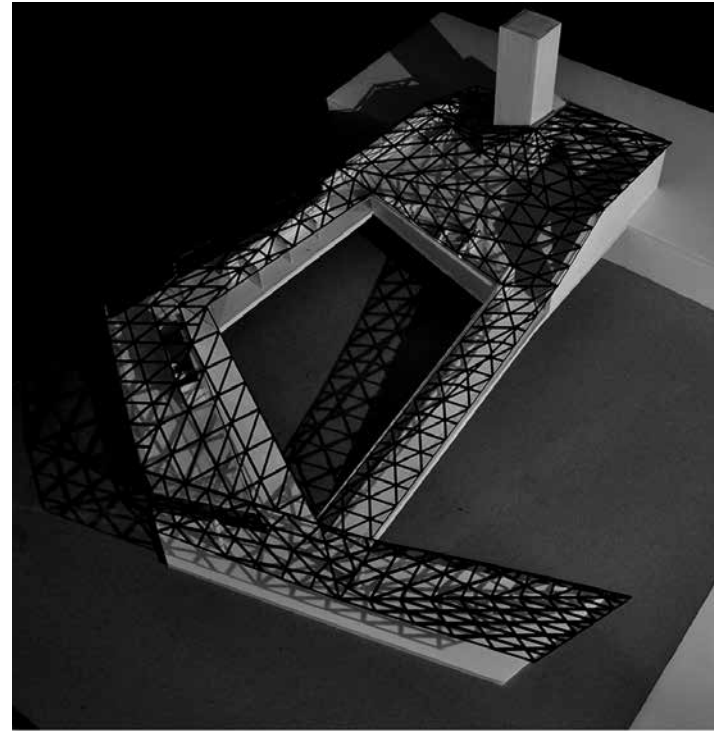
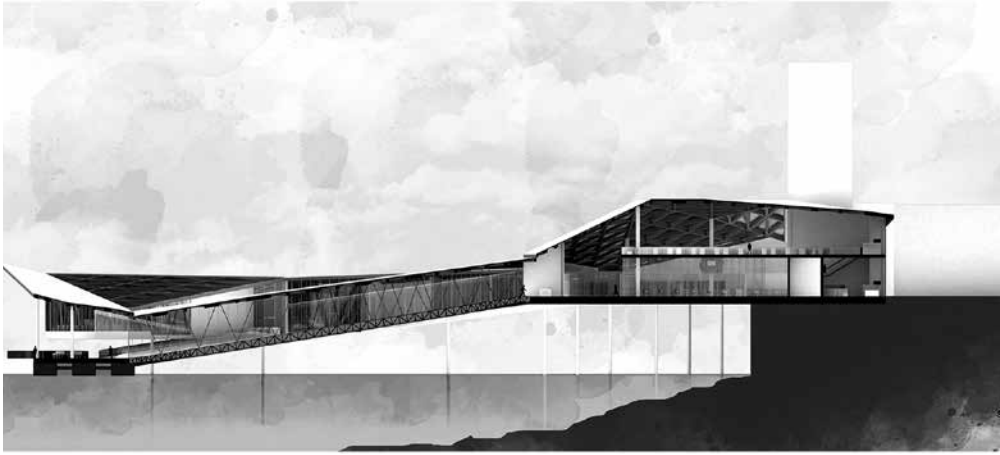














# Acknowledgements

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].

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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.

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