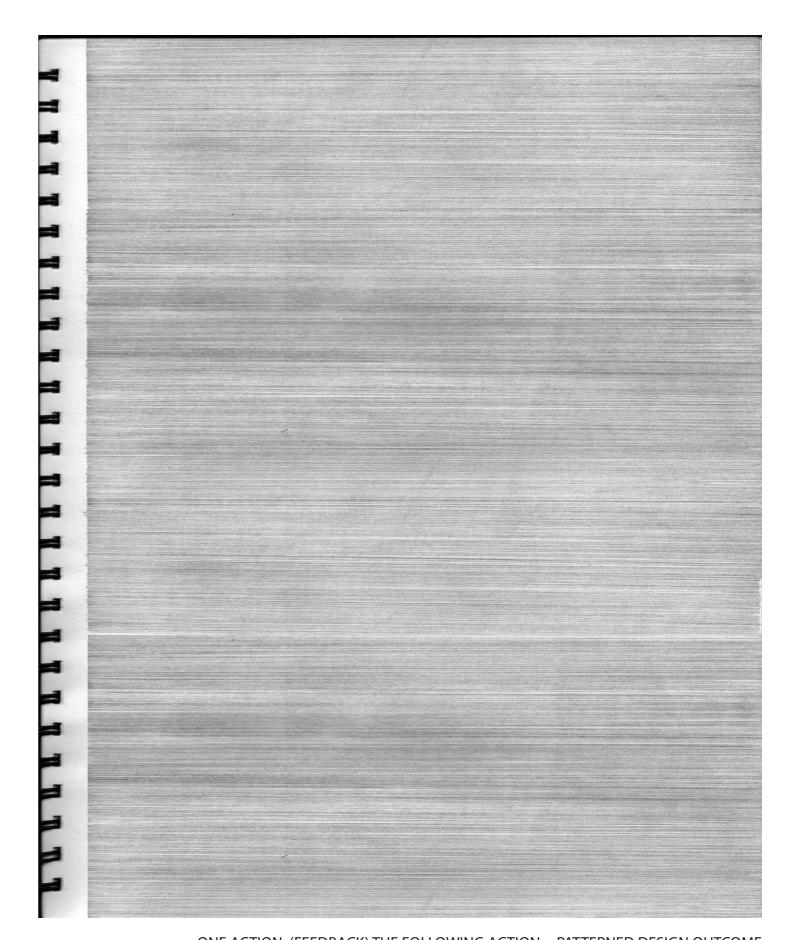
CHOOL OF ARCHITE  n Experimental Process of Transdo		



ONE ACTION (FEEDBACK) THE FOLLOWING ACTION = PATTERNED DESIGN OUTCOME

SPECIFIC TARGET

# command Responce \*\*Observation/feedback\*\* \*\*Observation/feedback\*\*

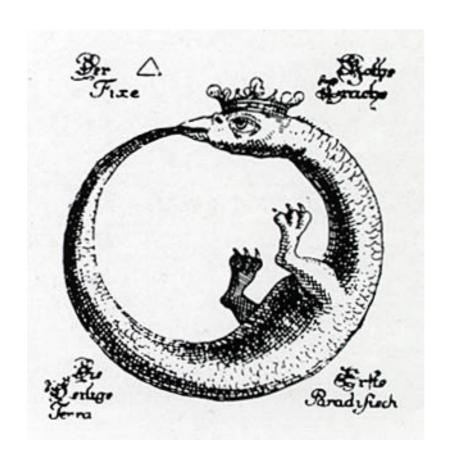
CYBERNETICS

or

"Observing Systems"

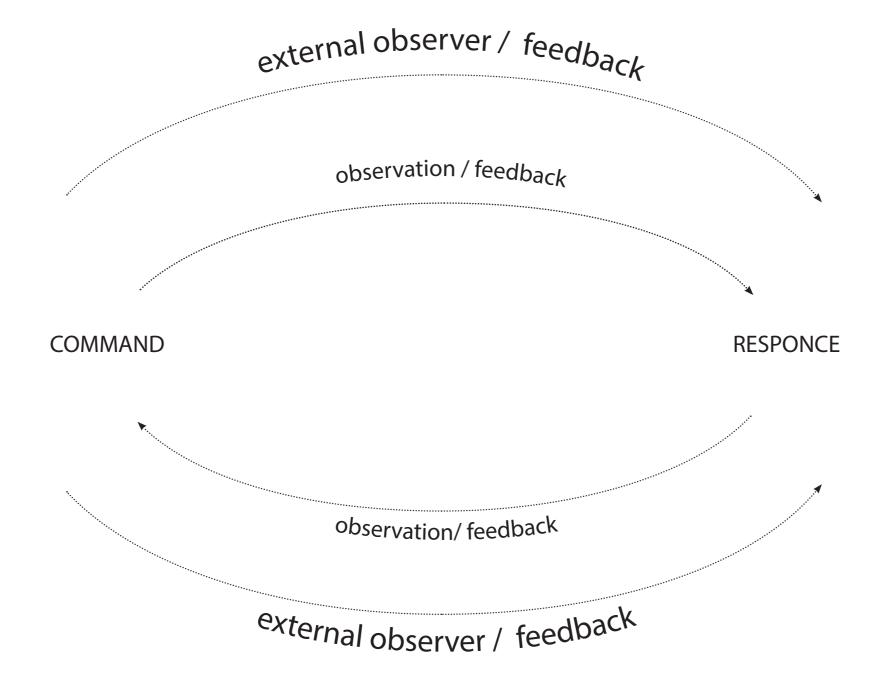
or

CIRCULAR FEEDBACK OF CAUSALITY

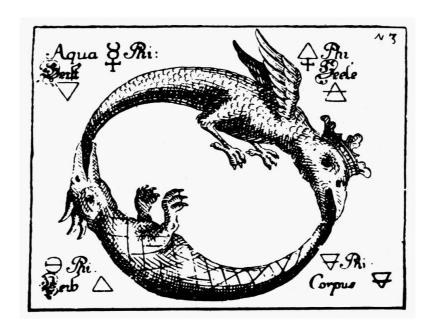


ONE'S INTENTION TO BUILD ITSELF BY ACTING IN A CERTAIN WAY

**TARGET** 

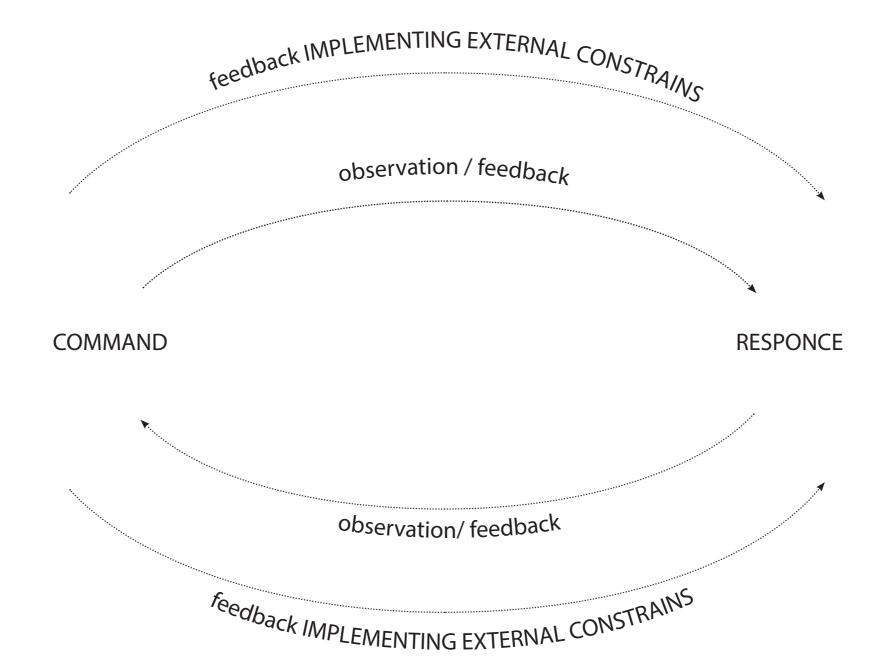


cybernetics of cybernetics or "observing systems" of "observing systems"

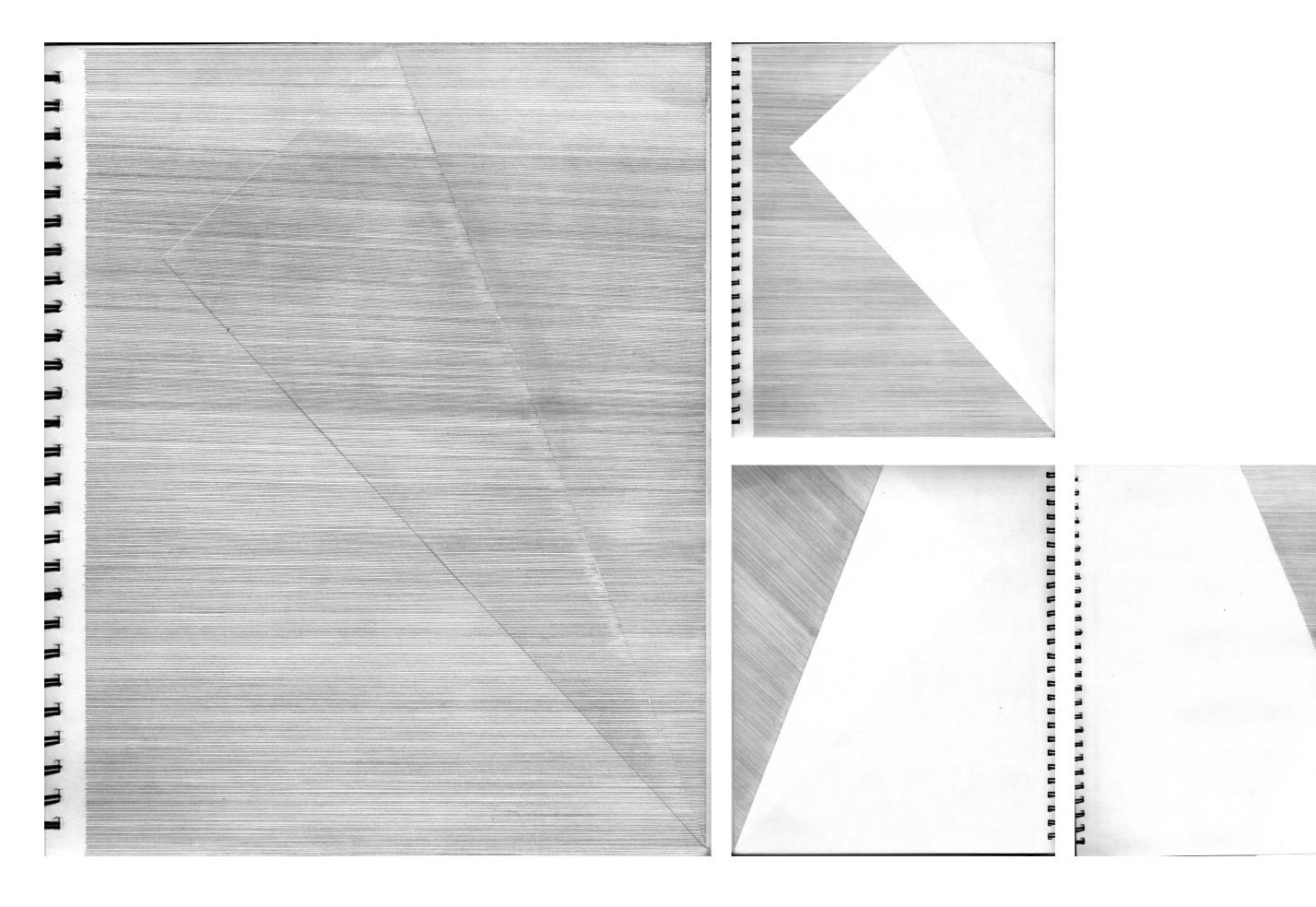


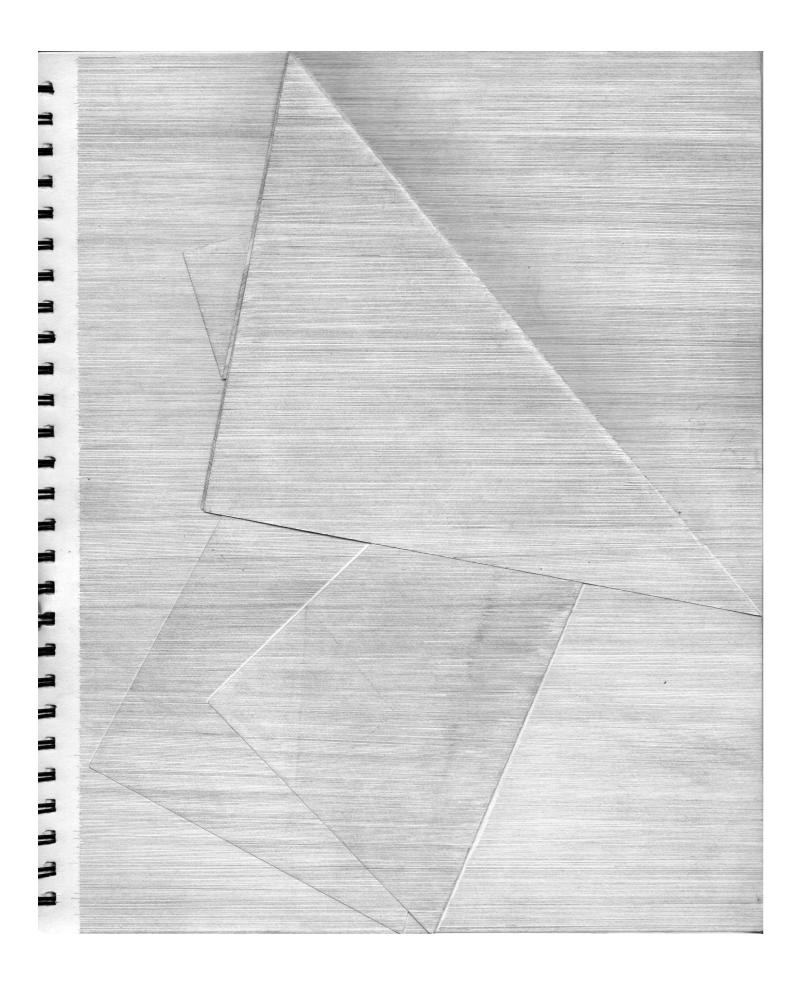
INTER-ACTION = NEW IDEAS = KNOWLADGE DEVELOPENT

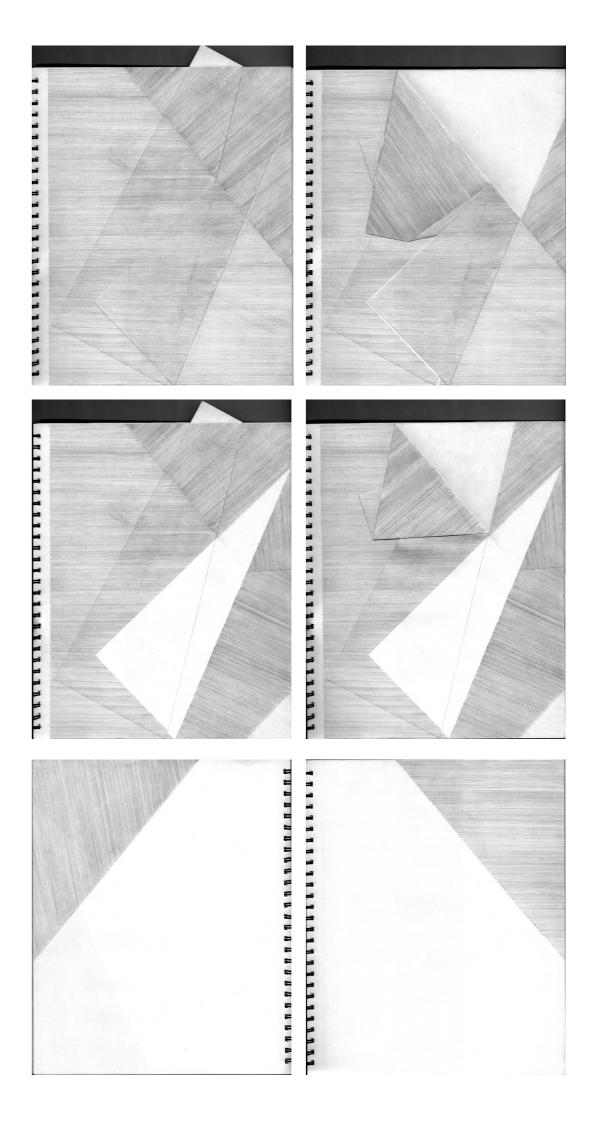
# **OPEN TARGET**

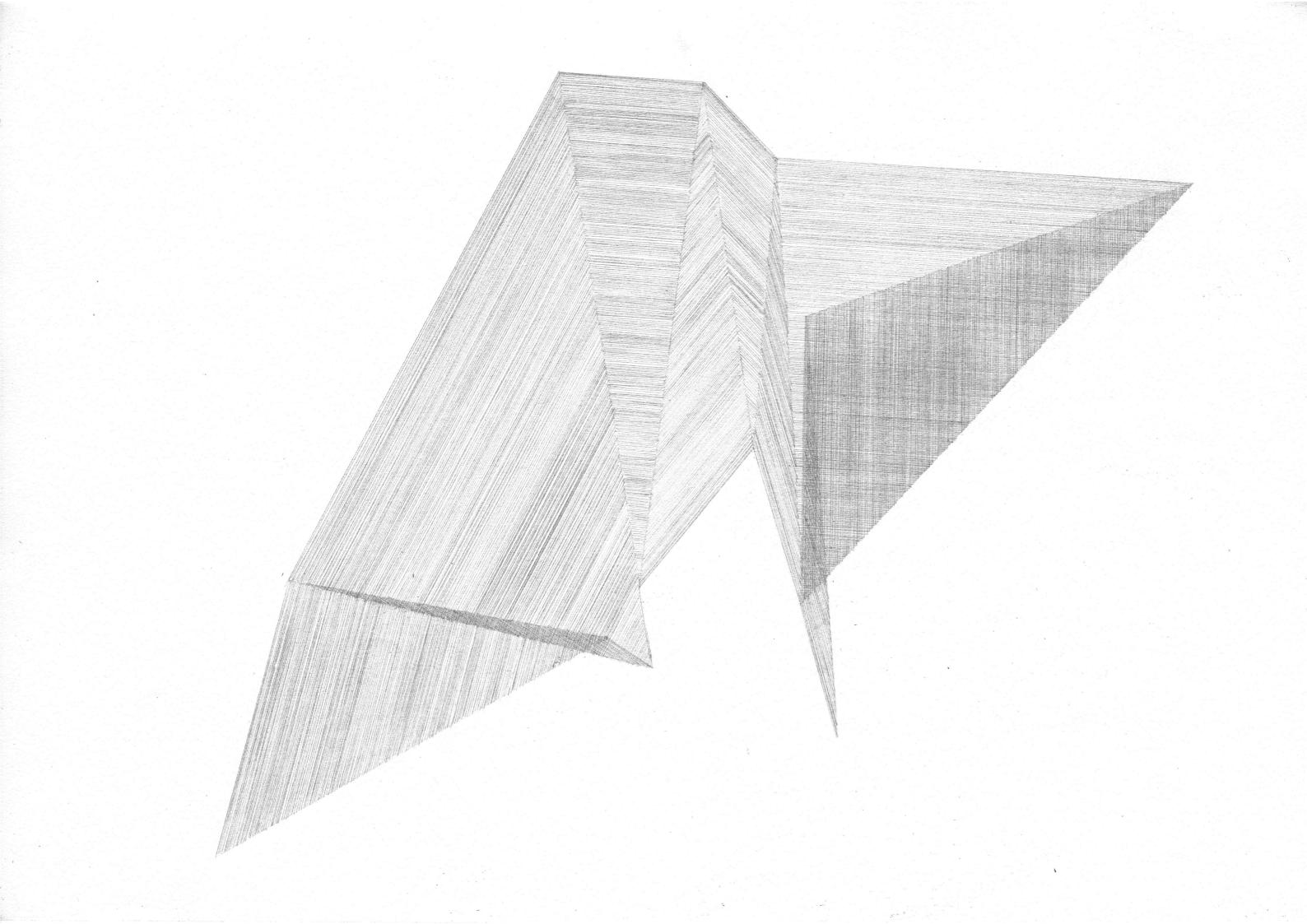


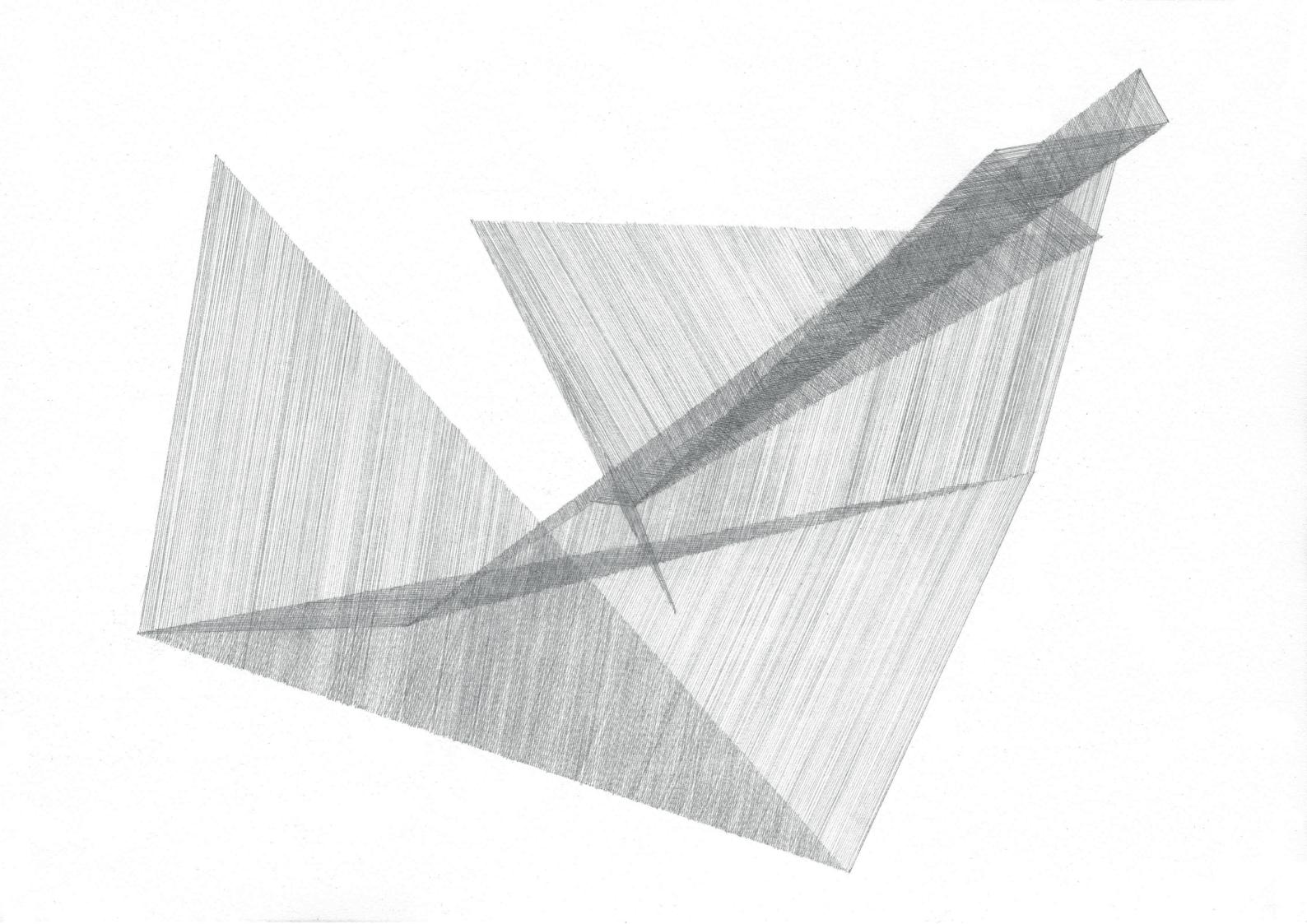
social face of second order cybernetics or "observing systems" of "observing systems" accepting errors

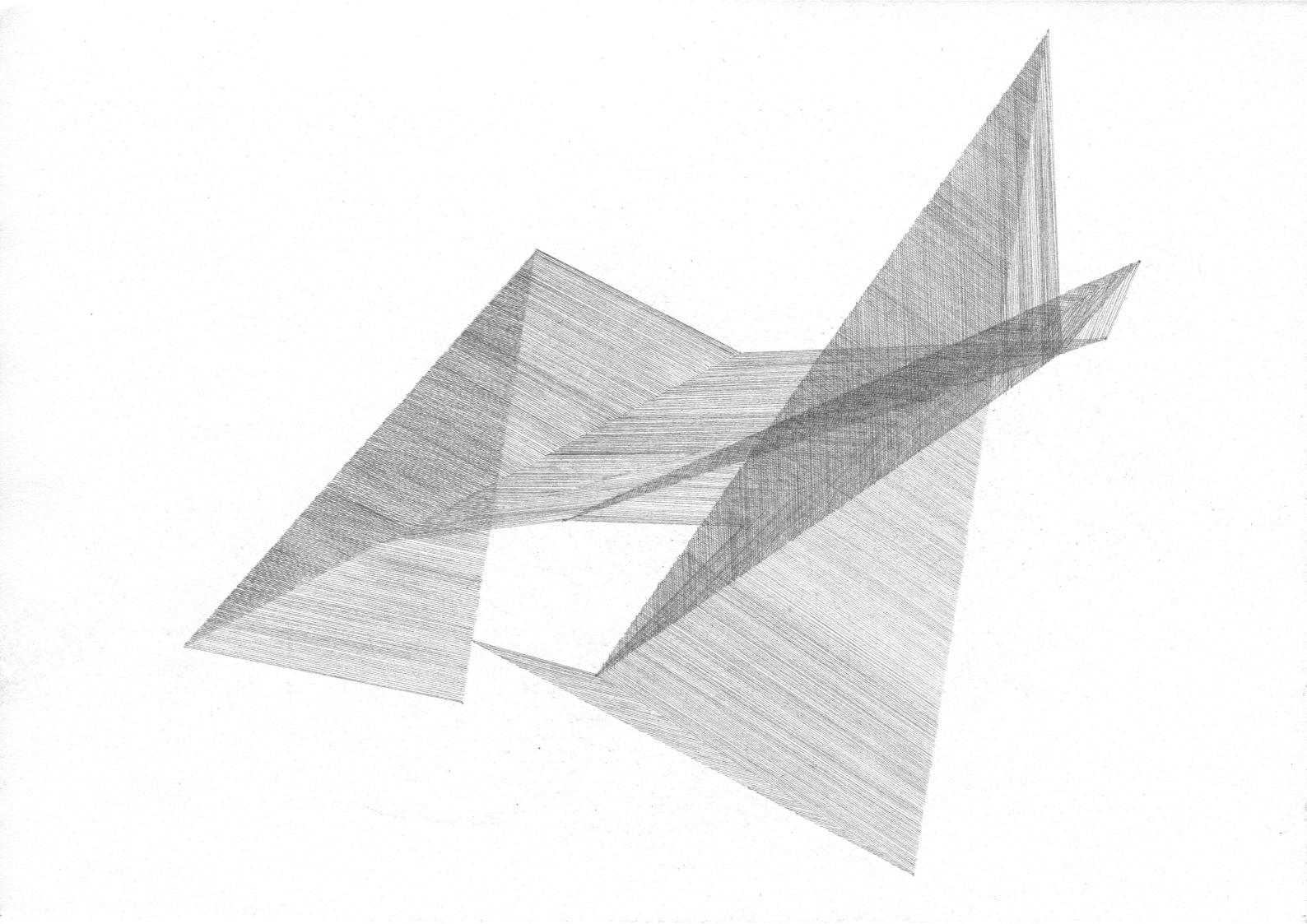


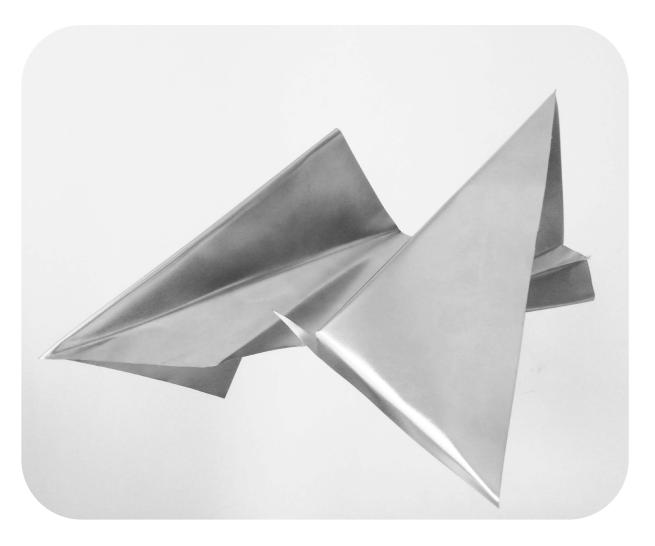


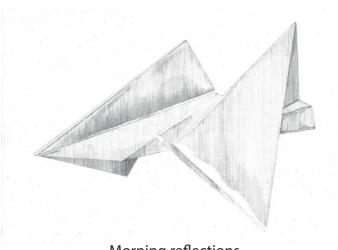




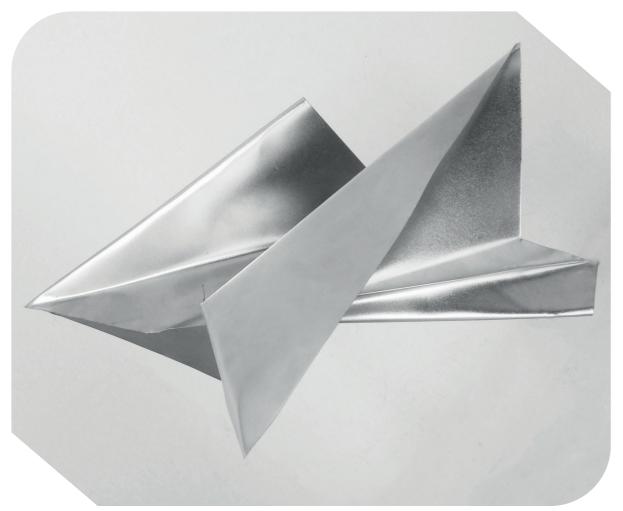




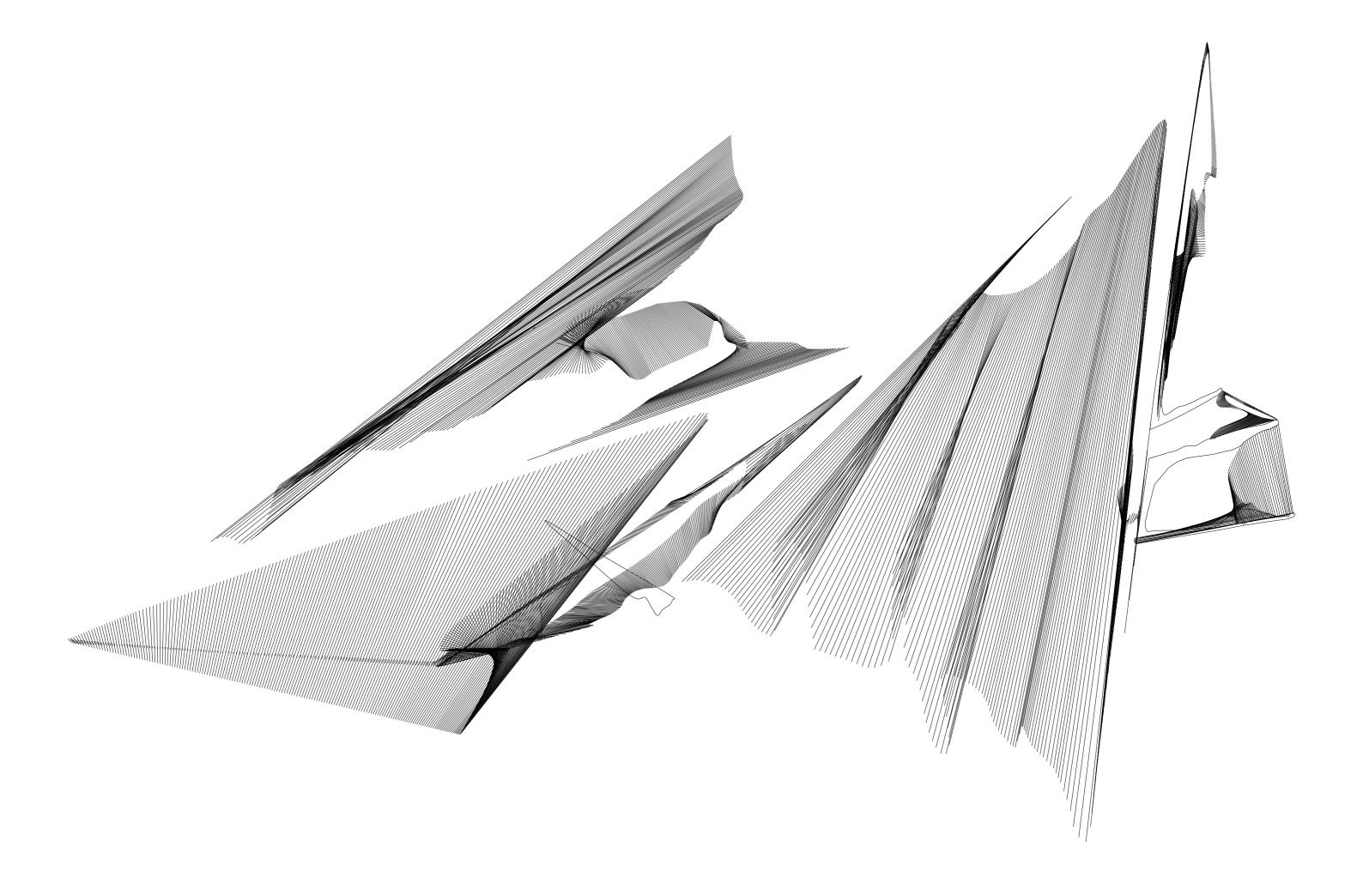




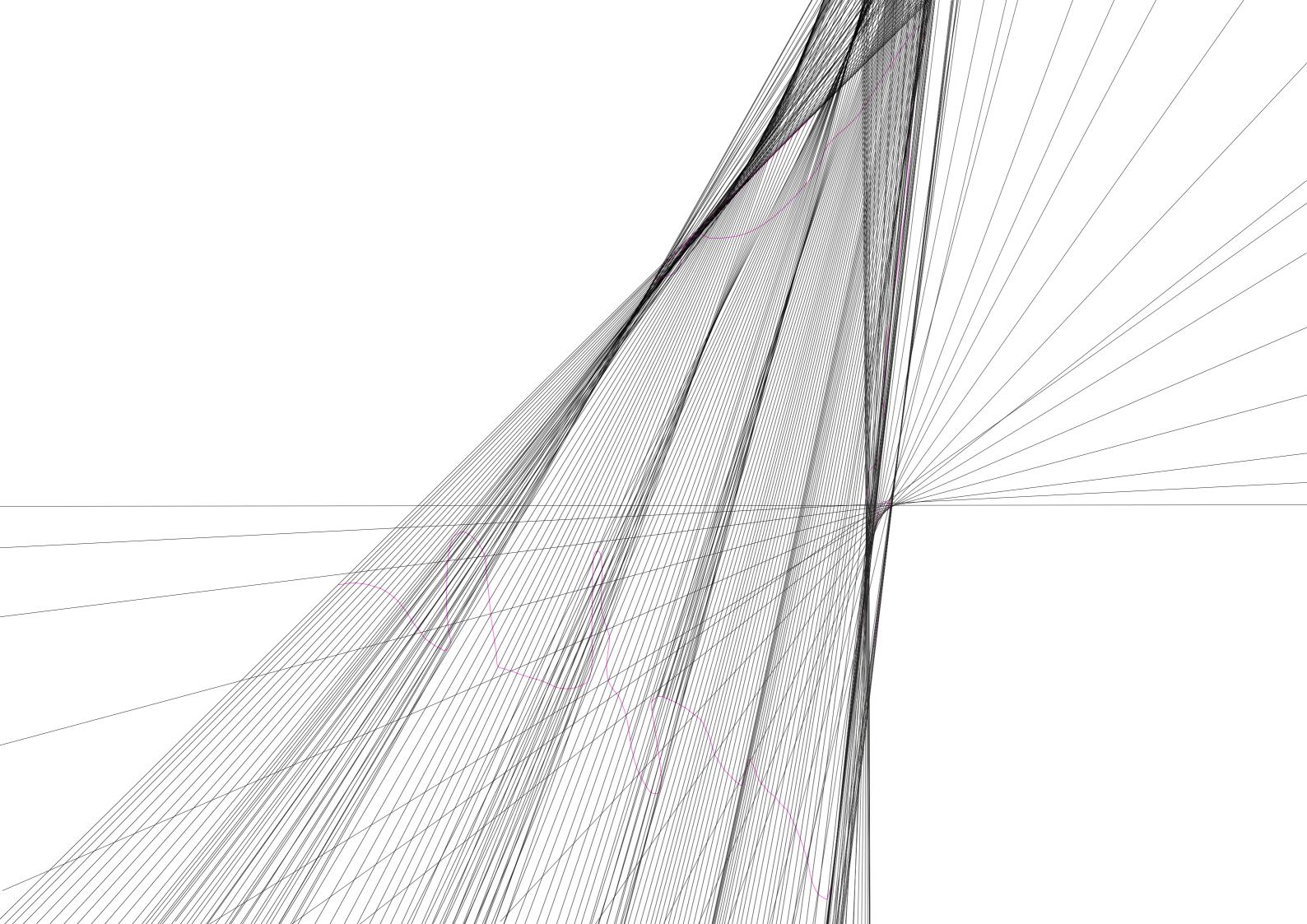
Morning reflections

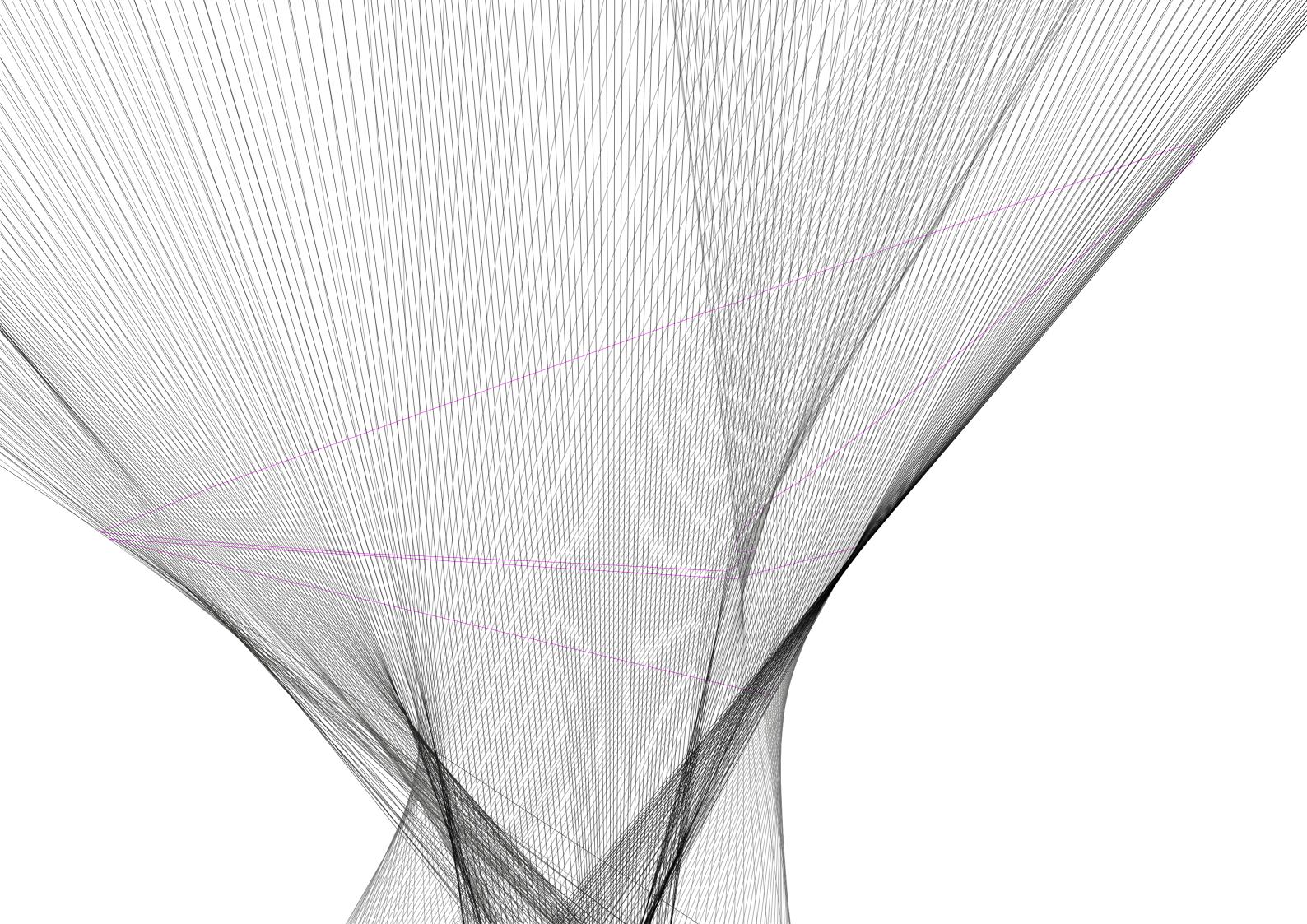


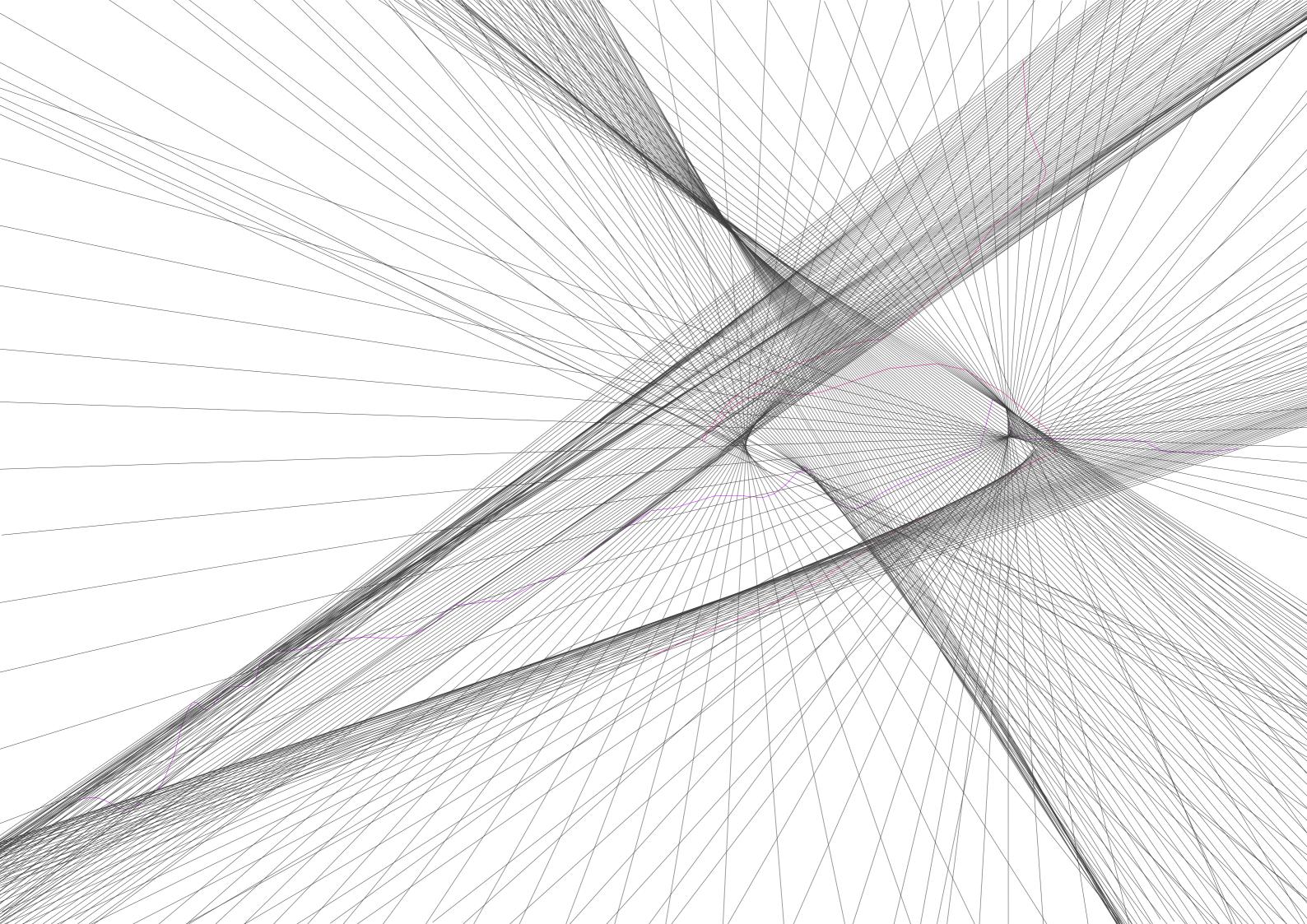


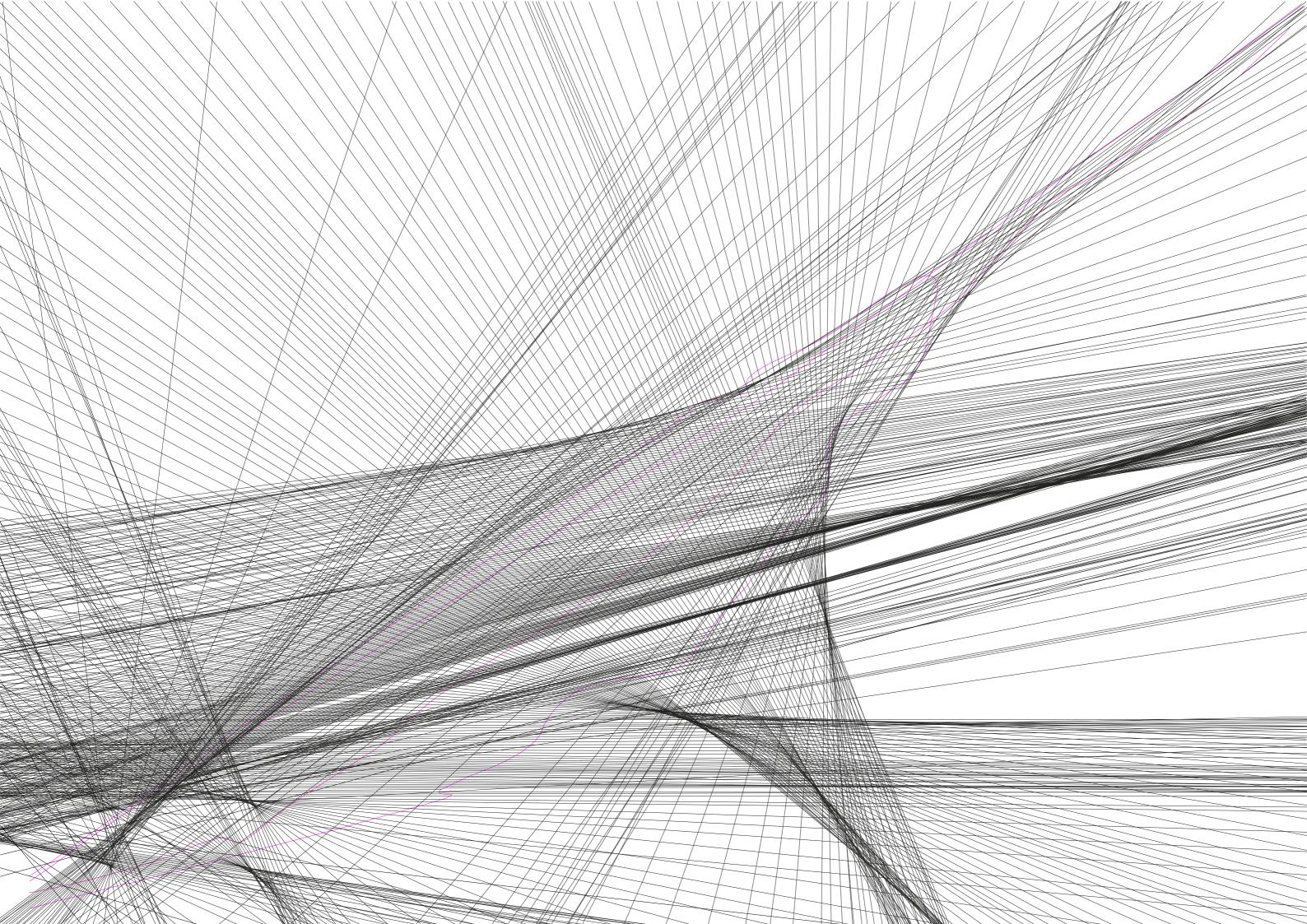


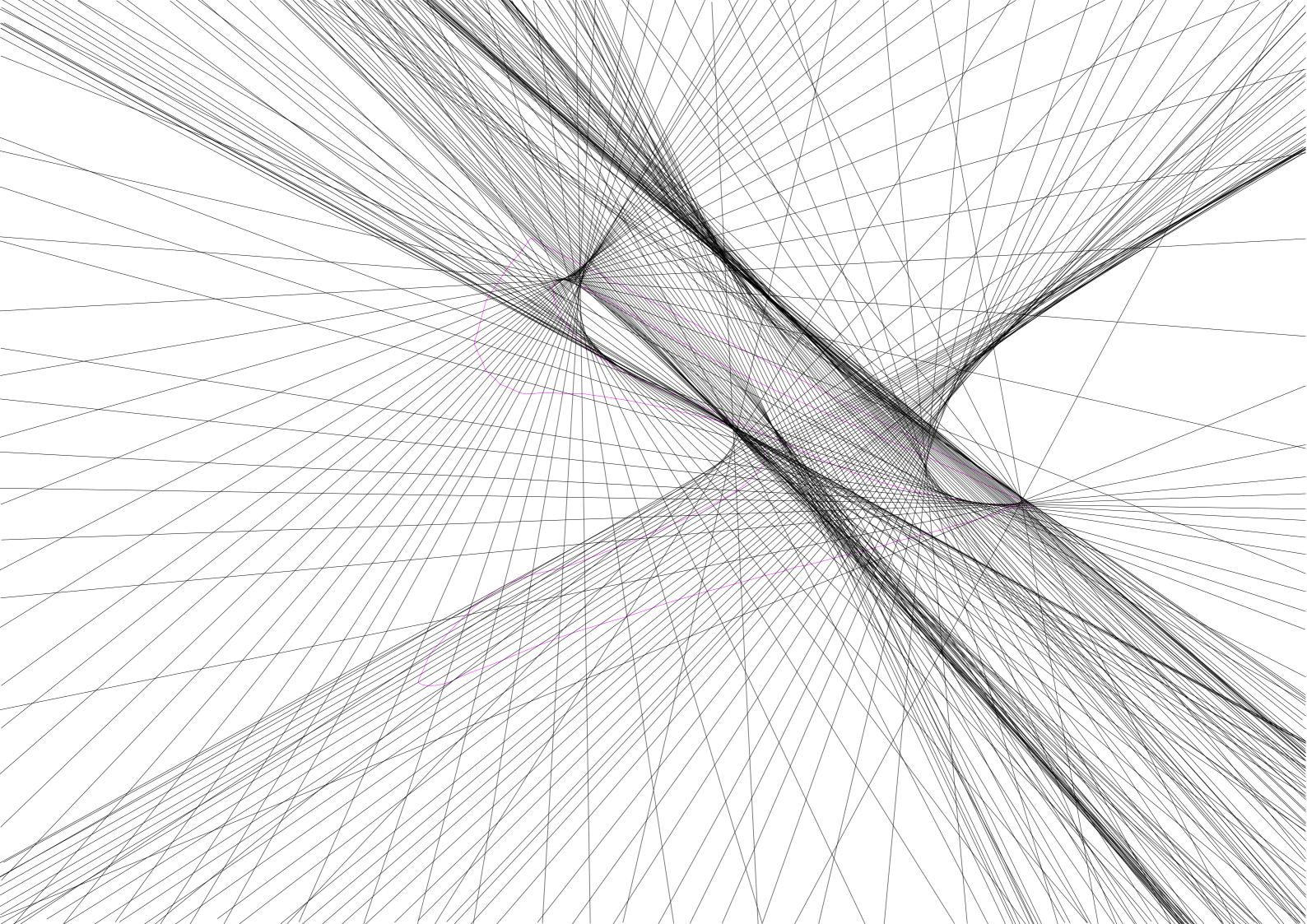
Output: Material's experiance with ligh

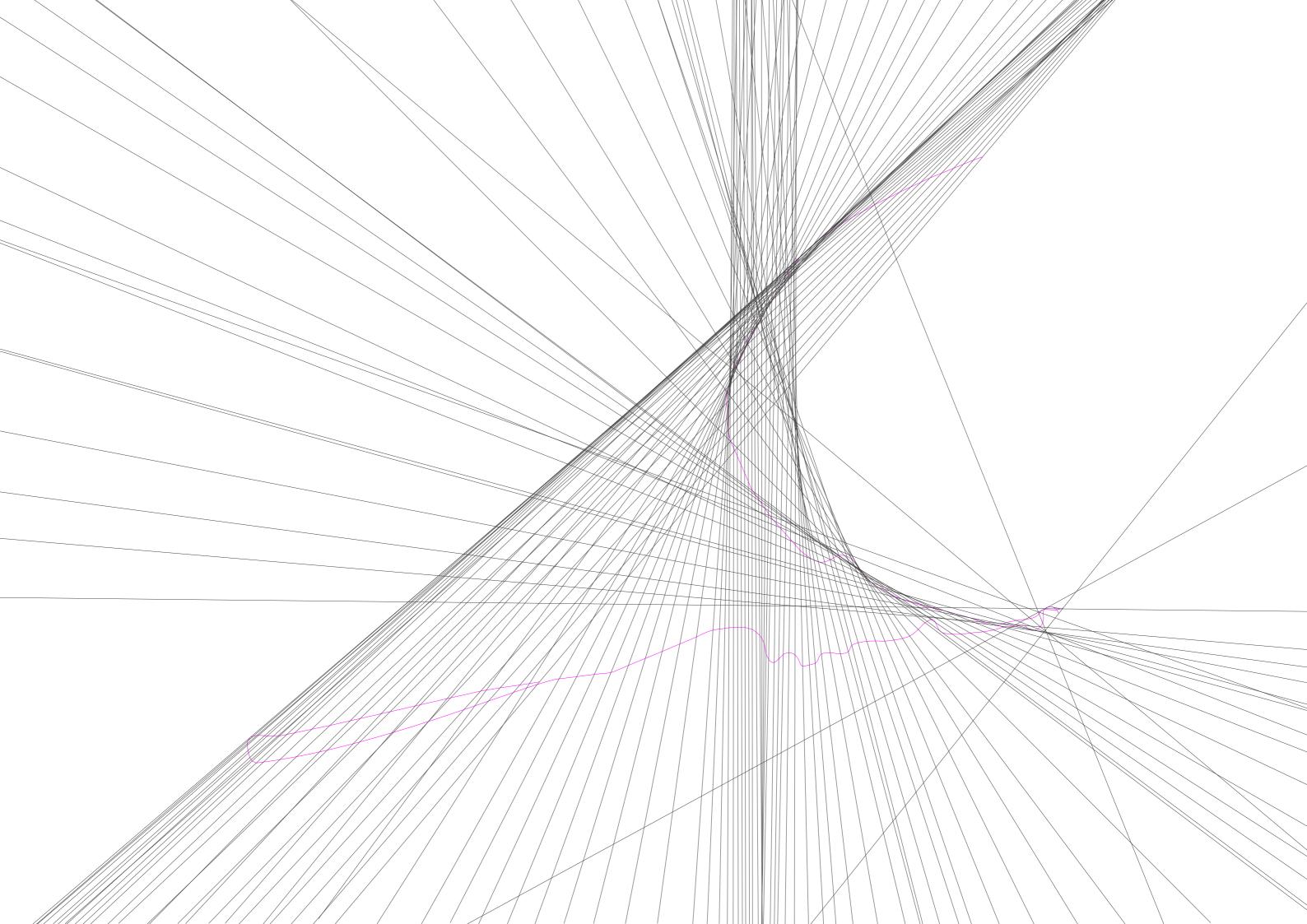












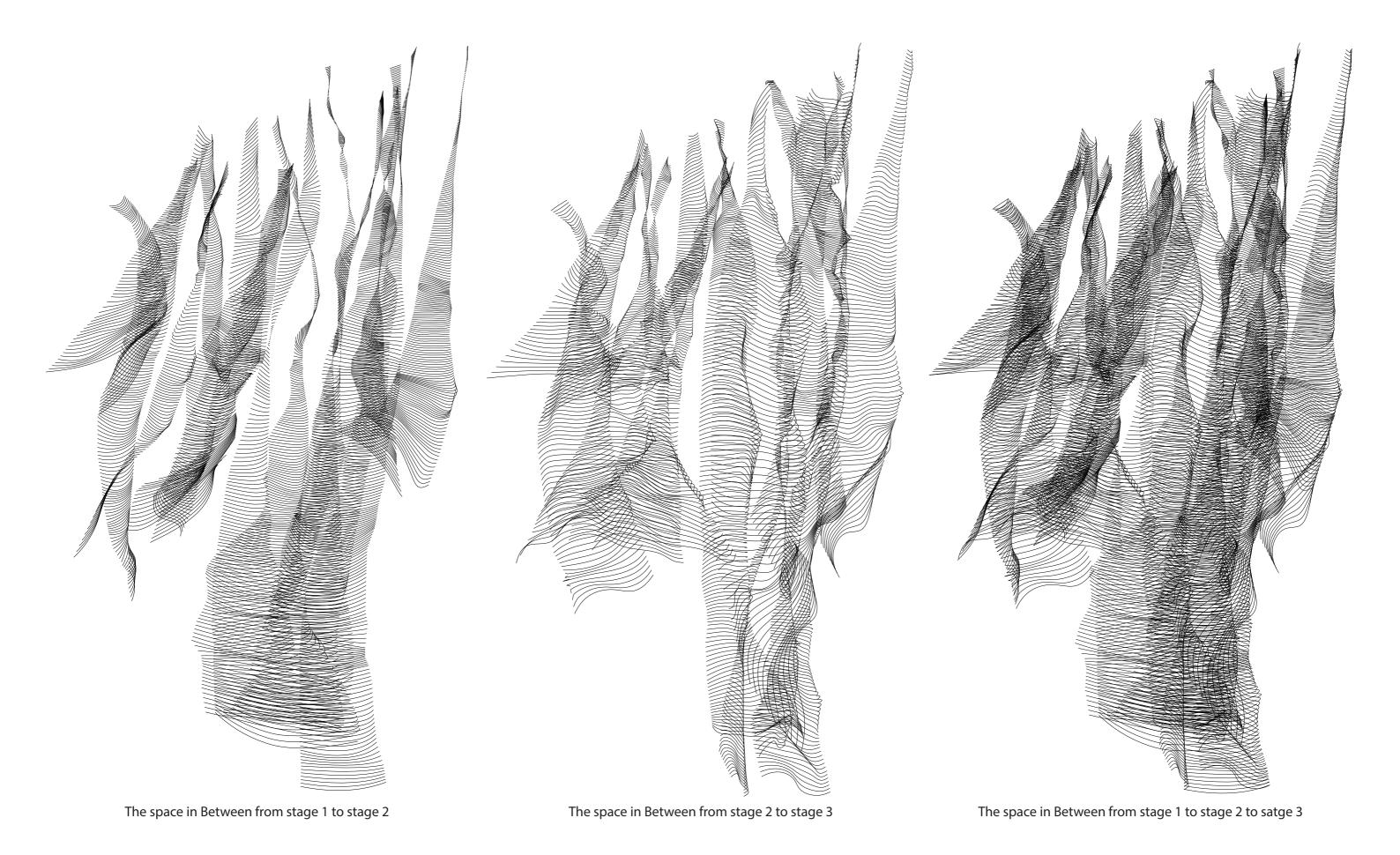




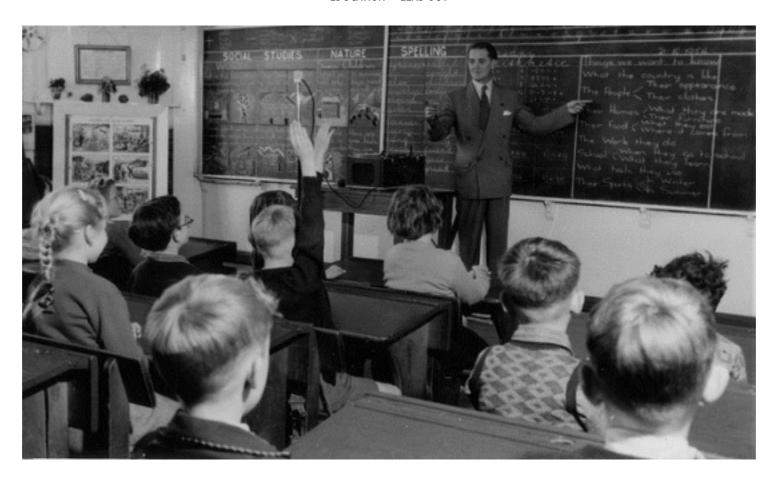








### EDUCATION = LEADOUT



'The word "education" comes from the root e from ex, out, and duco, I lead. It means a leading out. To me education is a leading out of what is already there in the pupil's soul.'

Claire Colebrook: Nomadic Education: Variations on a Theme by Deleuze and Guattari, 35–42

## "I think of playgrounds as a primer of shapes and functions; simple, mysterious, and evocative; thus educational."

-Isamu Noguchi

### **Experiments in Environment** (The Halprin Workshops)



Driftwood Village. Courtesy Lawrence Halprin Collection

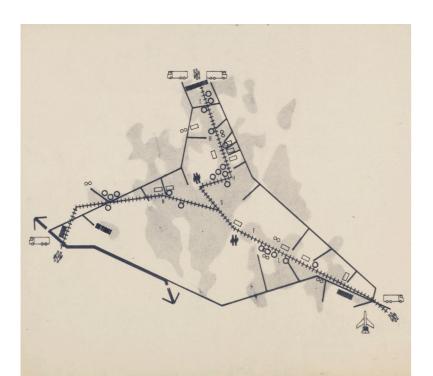
# Economics Architecture Cinematography Philosophy Sociology Basic Course Product Design Information Visual Communication Politics

Computational approaches in architecture emerging analogical ways of computational design thinking

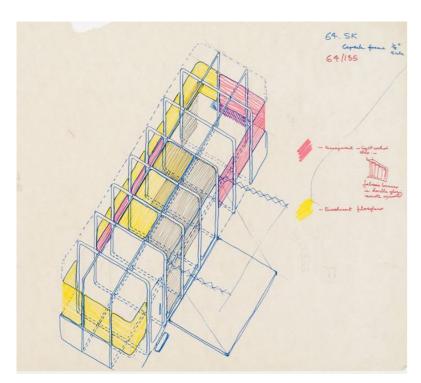
### **Black Mountain Collage**



Kenneth Snelson, Buckminster Fuller (center) and students hanging from a geodesic dome



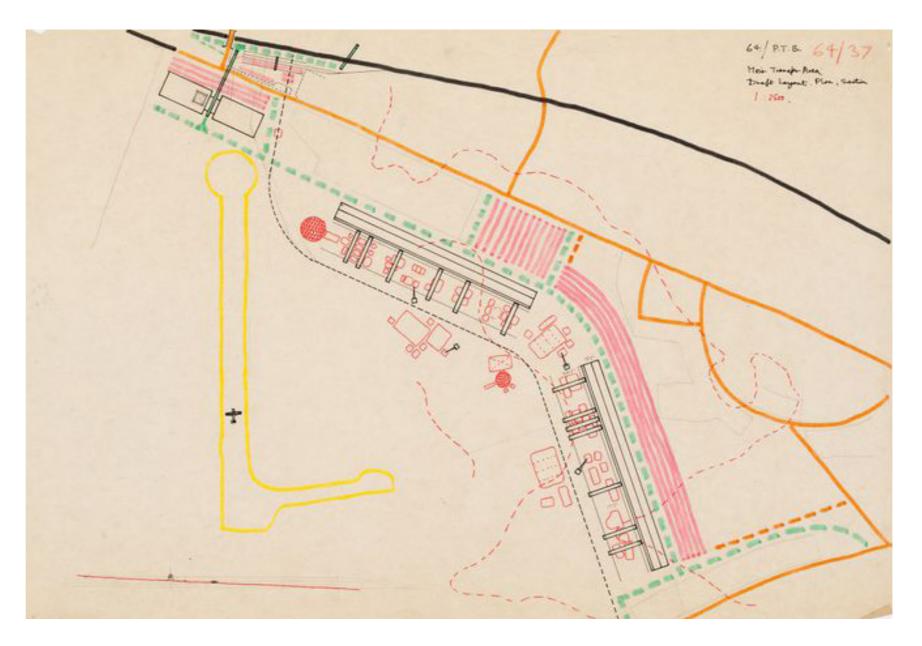
Relationship between University and the region The roles and responsibilities of universities within their wider social settings



Running railbuses

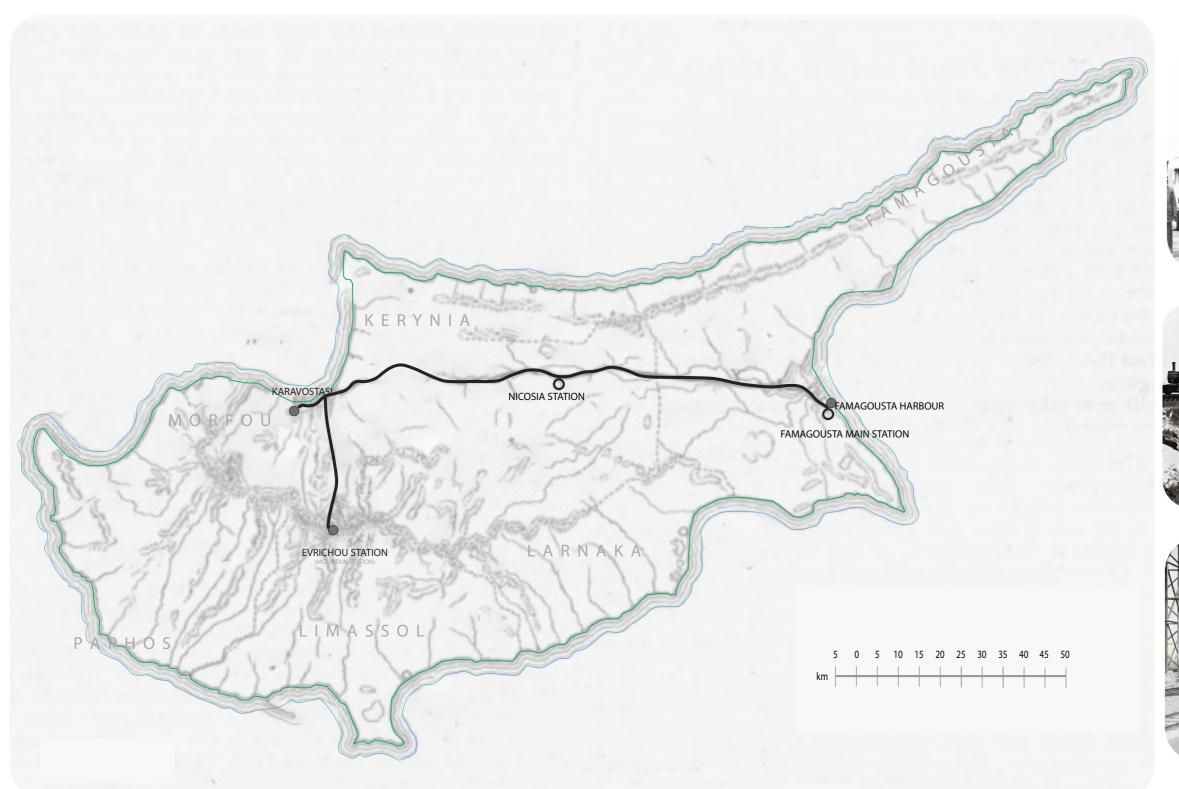
'While students are at present, one of the most mobile social groups of technologically advanced societies, the nature of their own particular production plants – schools, colleges and universities, is static, intro-spective, parochial, inflexible and not very useful'

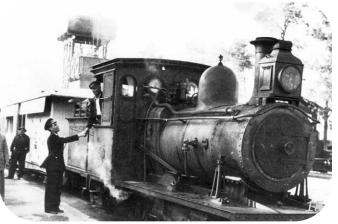
Cendric Price 1970 Quotation from 'The Cedric Price Column', a contribution to Archigram, Issue 9.



Station and railbuses collection

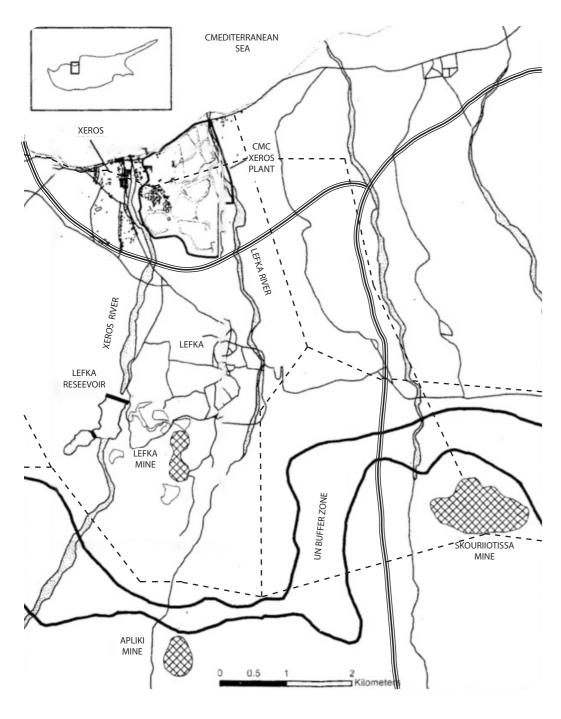












■■ RAILWAY
- - - UNDERGROUND MINING RAILS
★★★ MINES



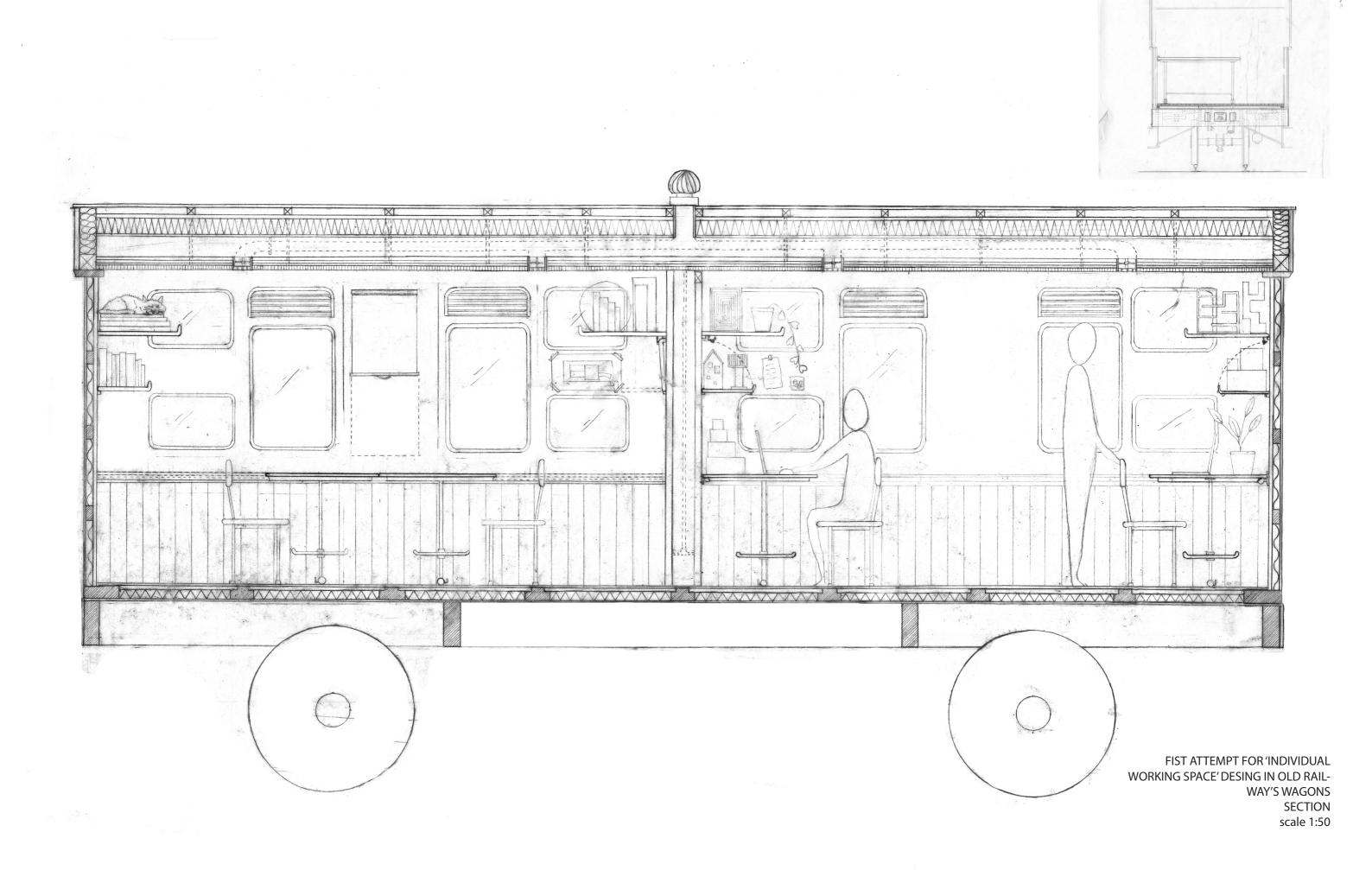


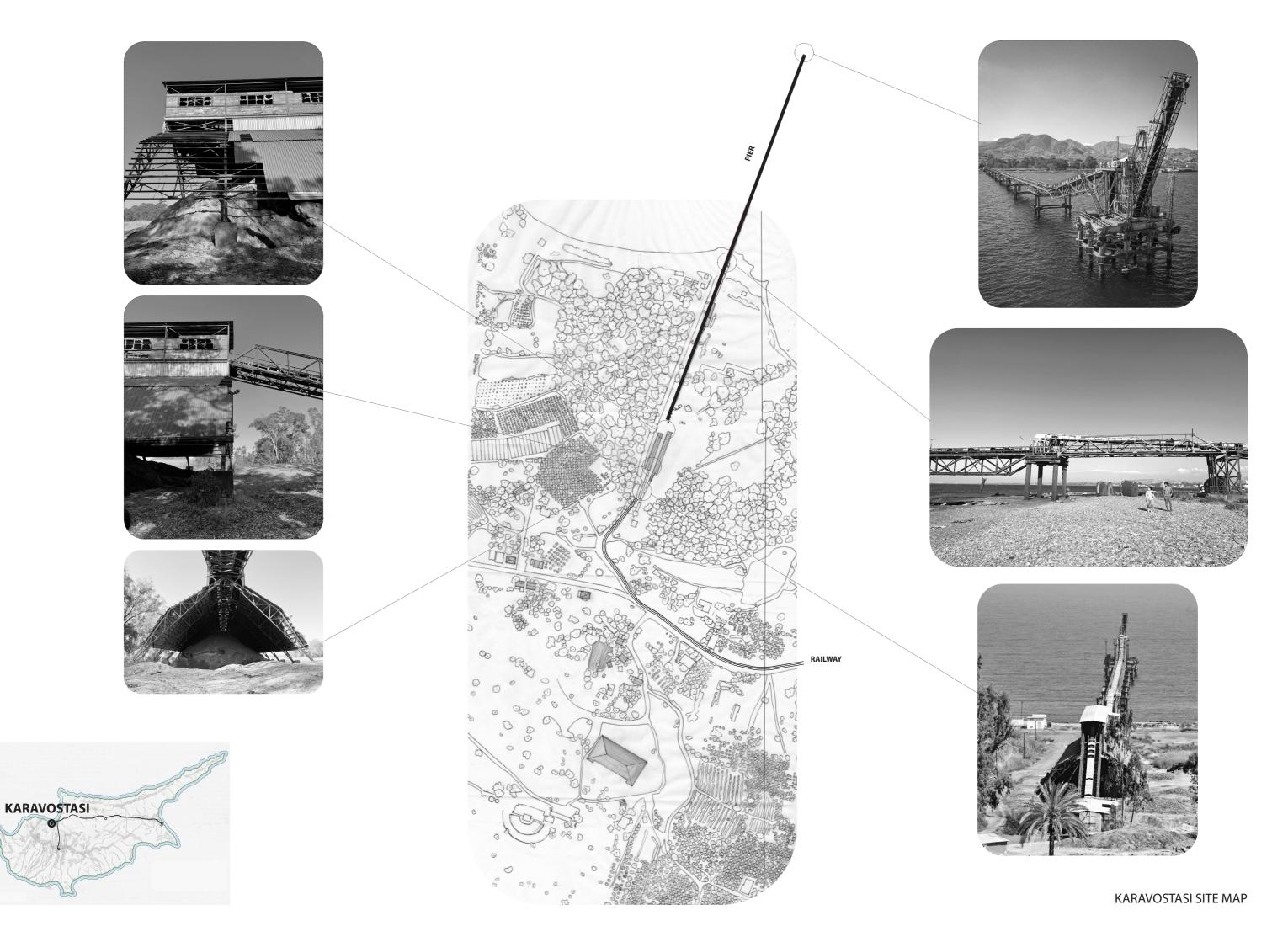


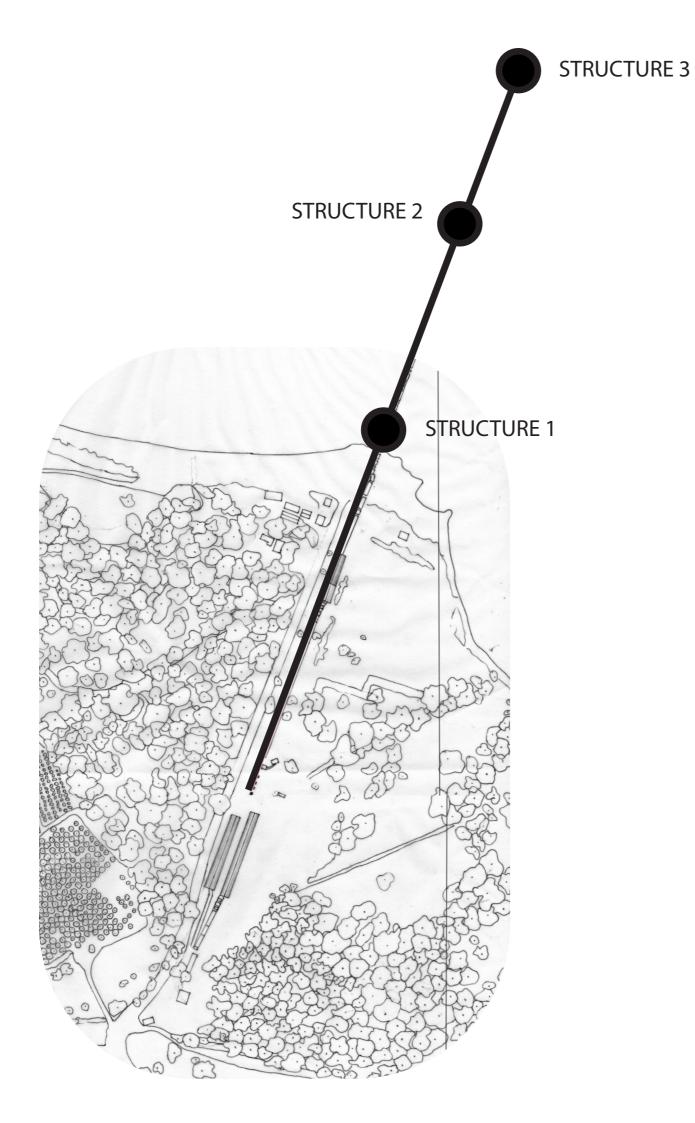












# STRUCTURES' PROGRAM

1: GENERAL WORKSHOP

3D PRINTING

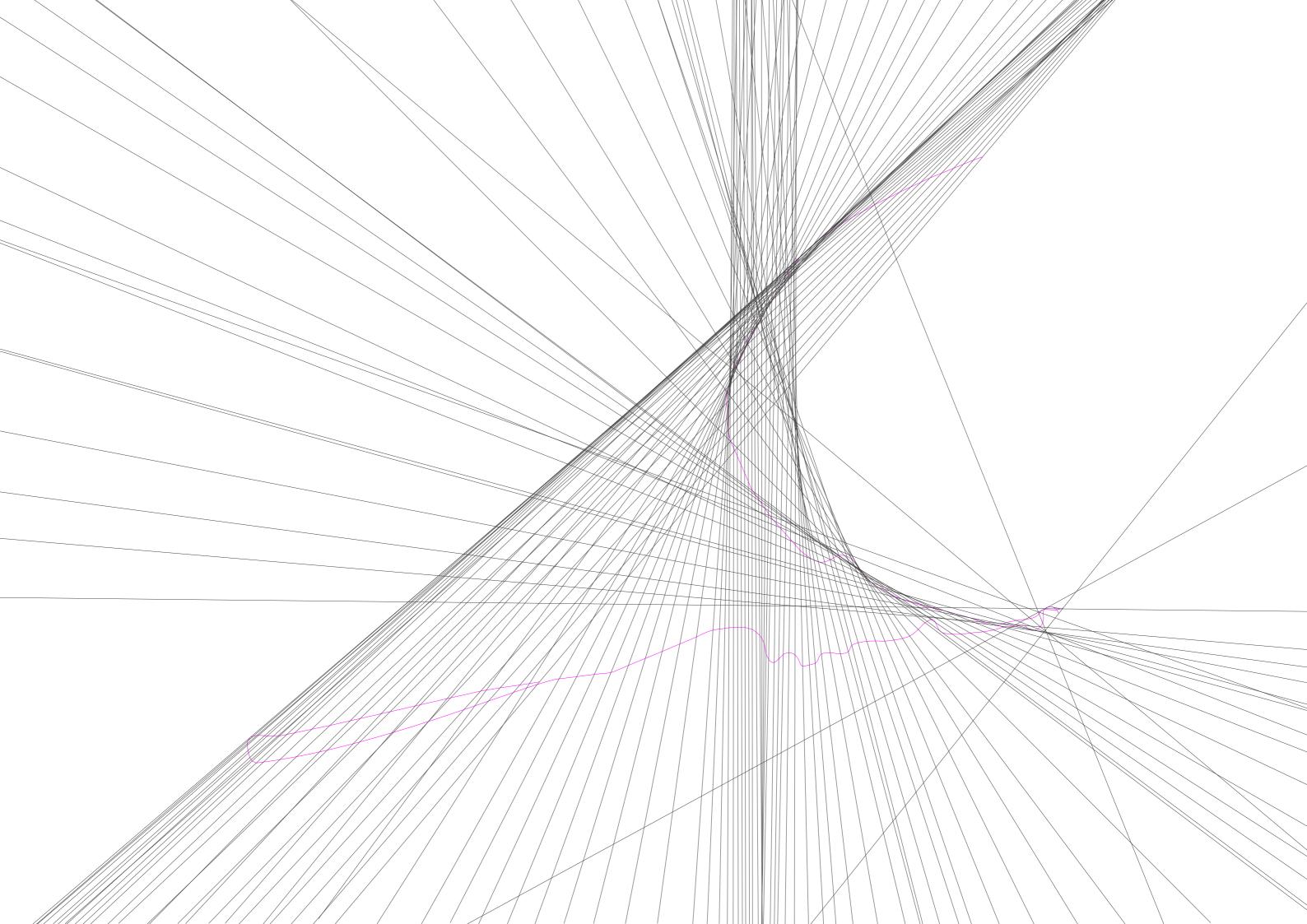
MODELING SPACE
PHOTOROOM

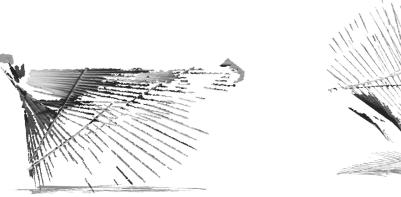
2: WOOD WORSHOP LIFT BIG SPACE

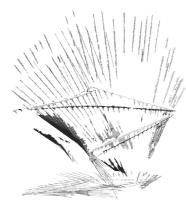
3: METAL WORKSHOP

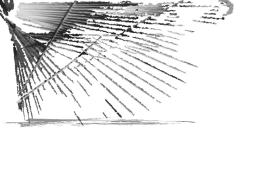
METAL RECYCLING

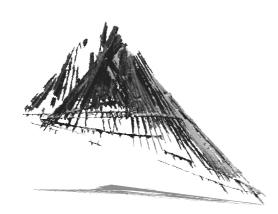
LOADING LIFT (CRANE)











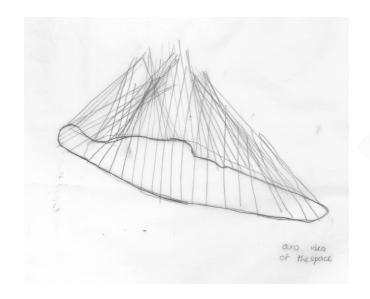


MODEL'S 3D SCANS



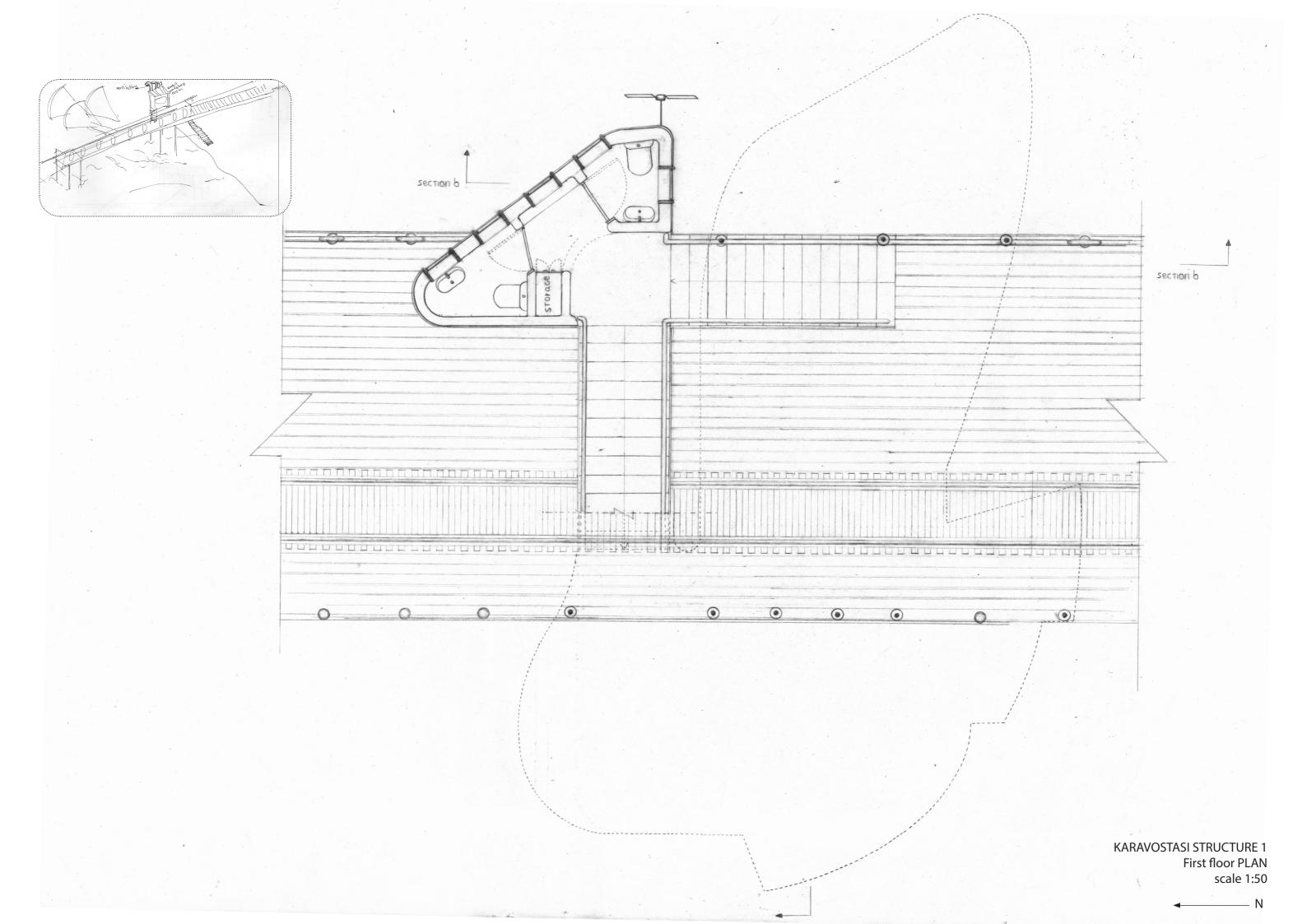


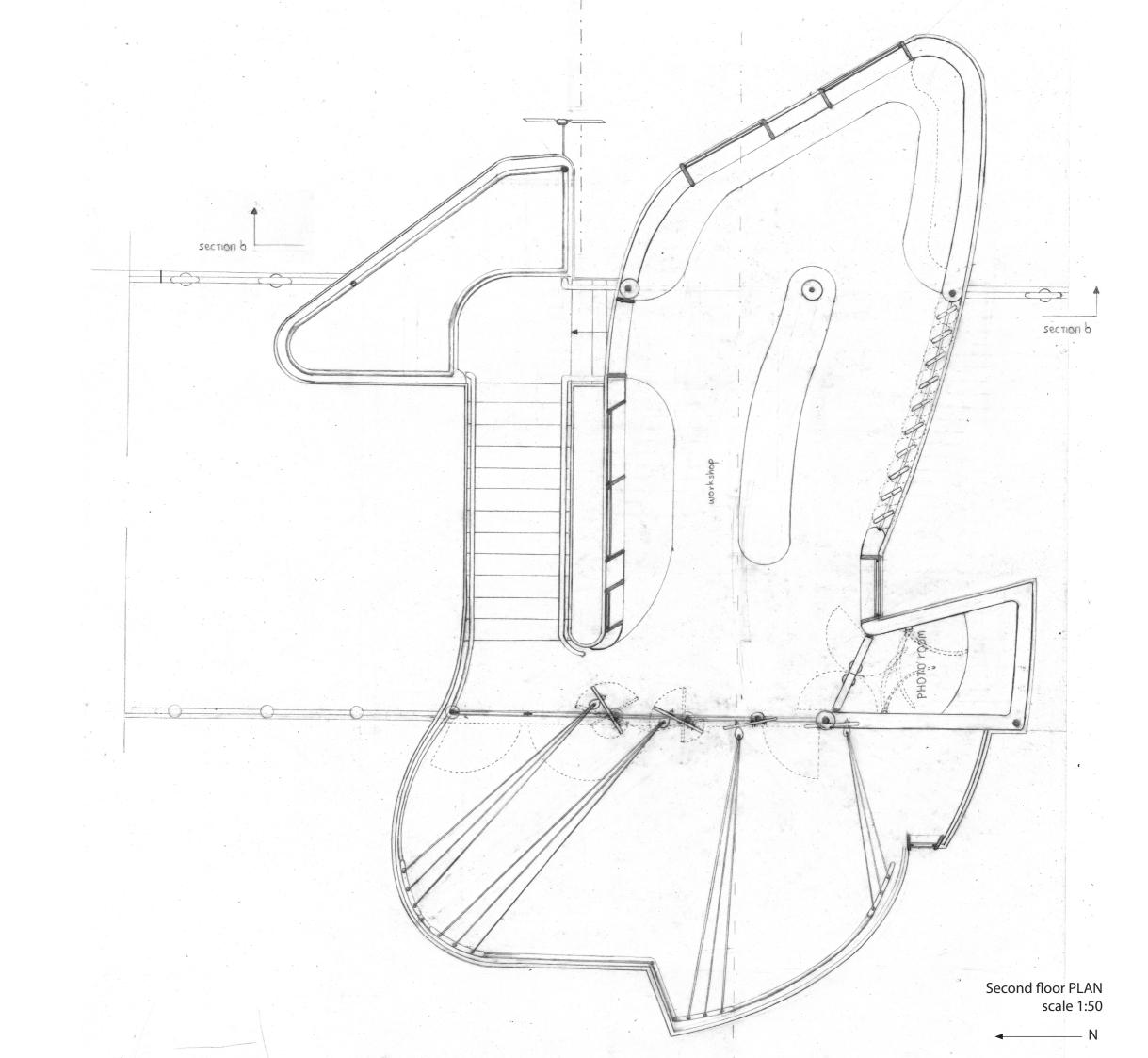
SUN REFLECTION MODELS

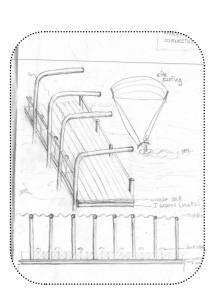


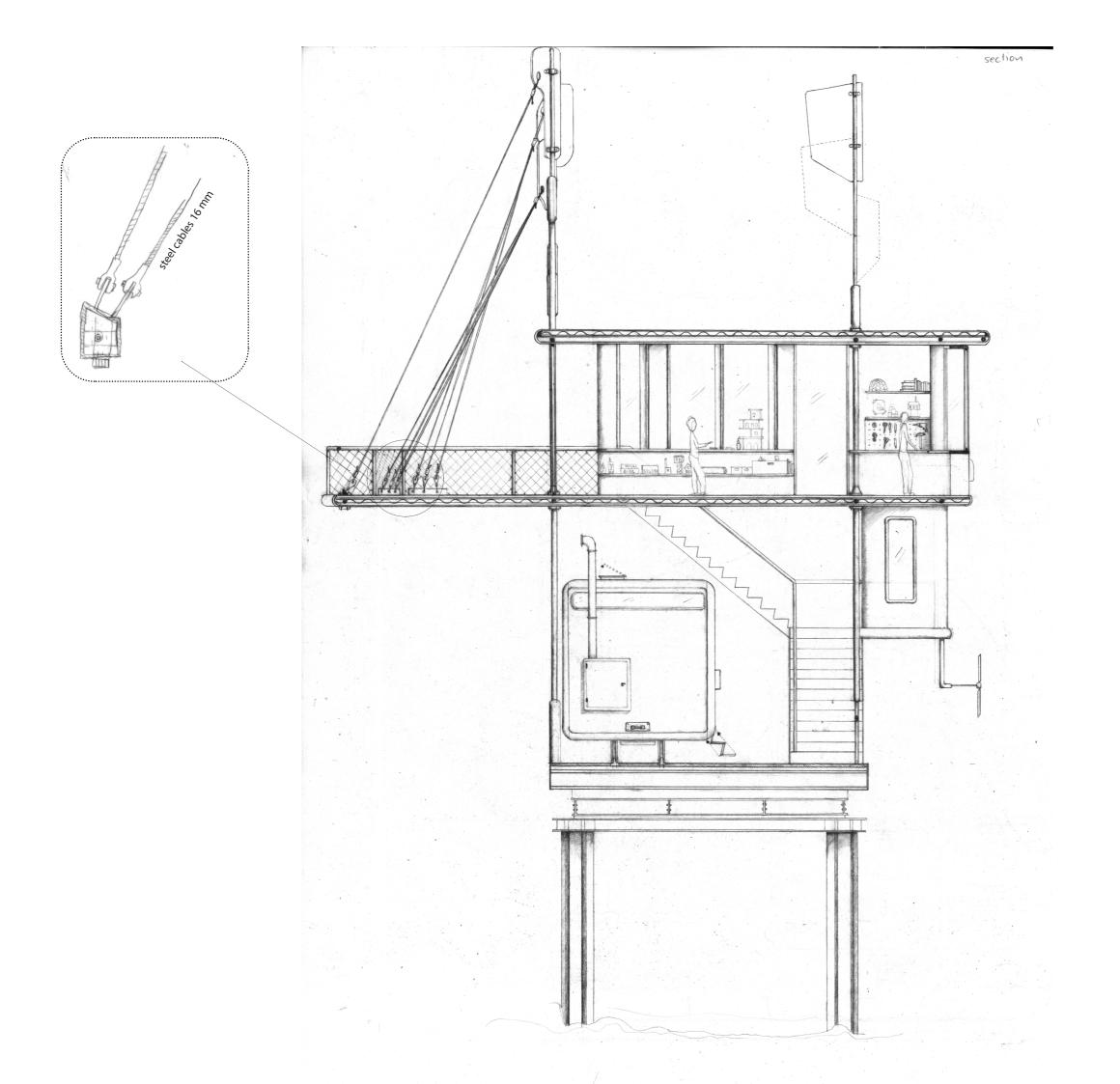


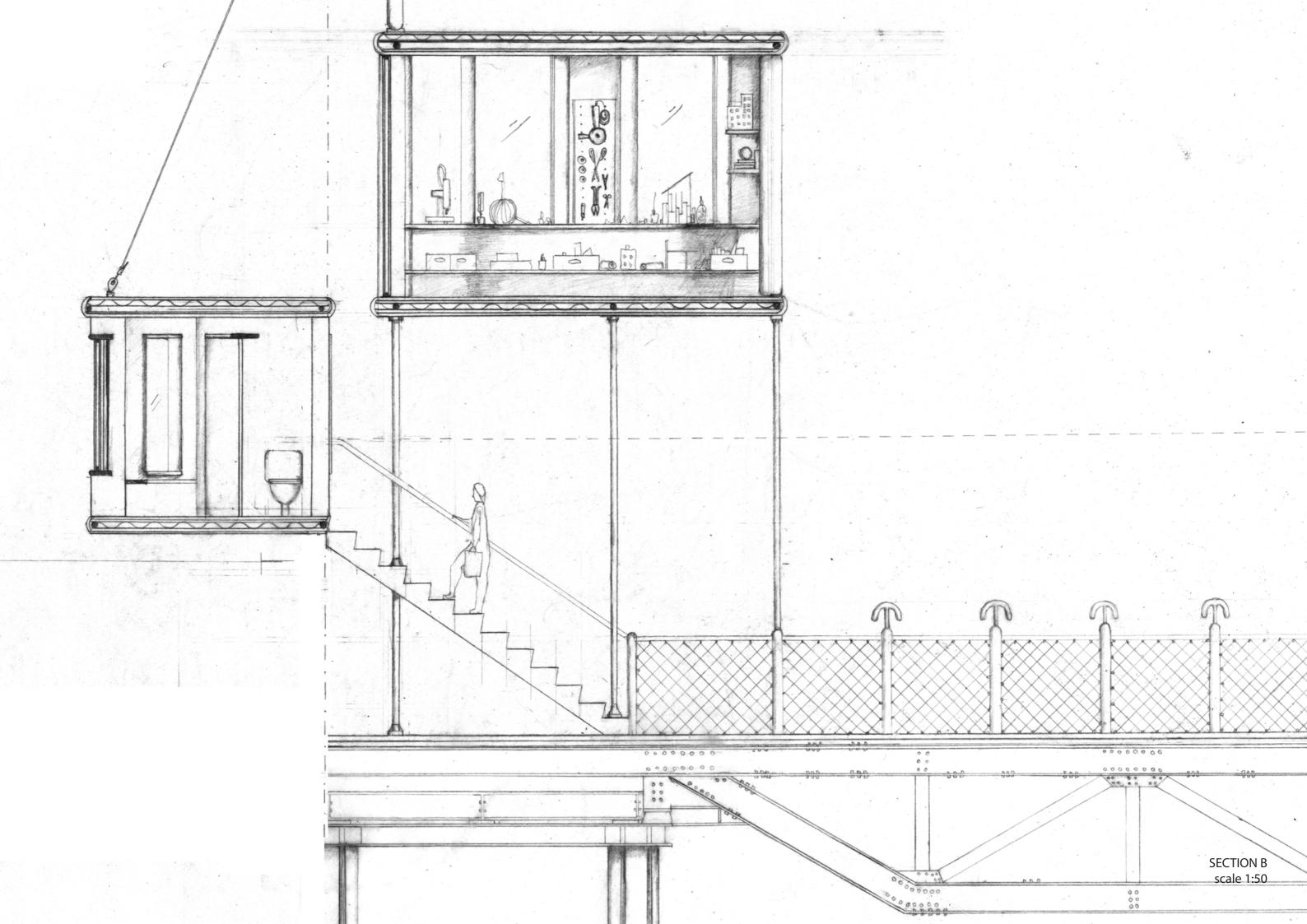
AXONOMETRIC SKETCHES

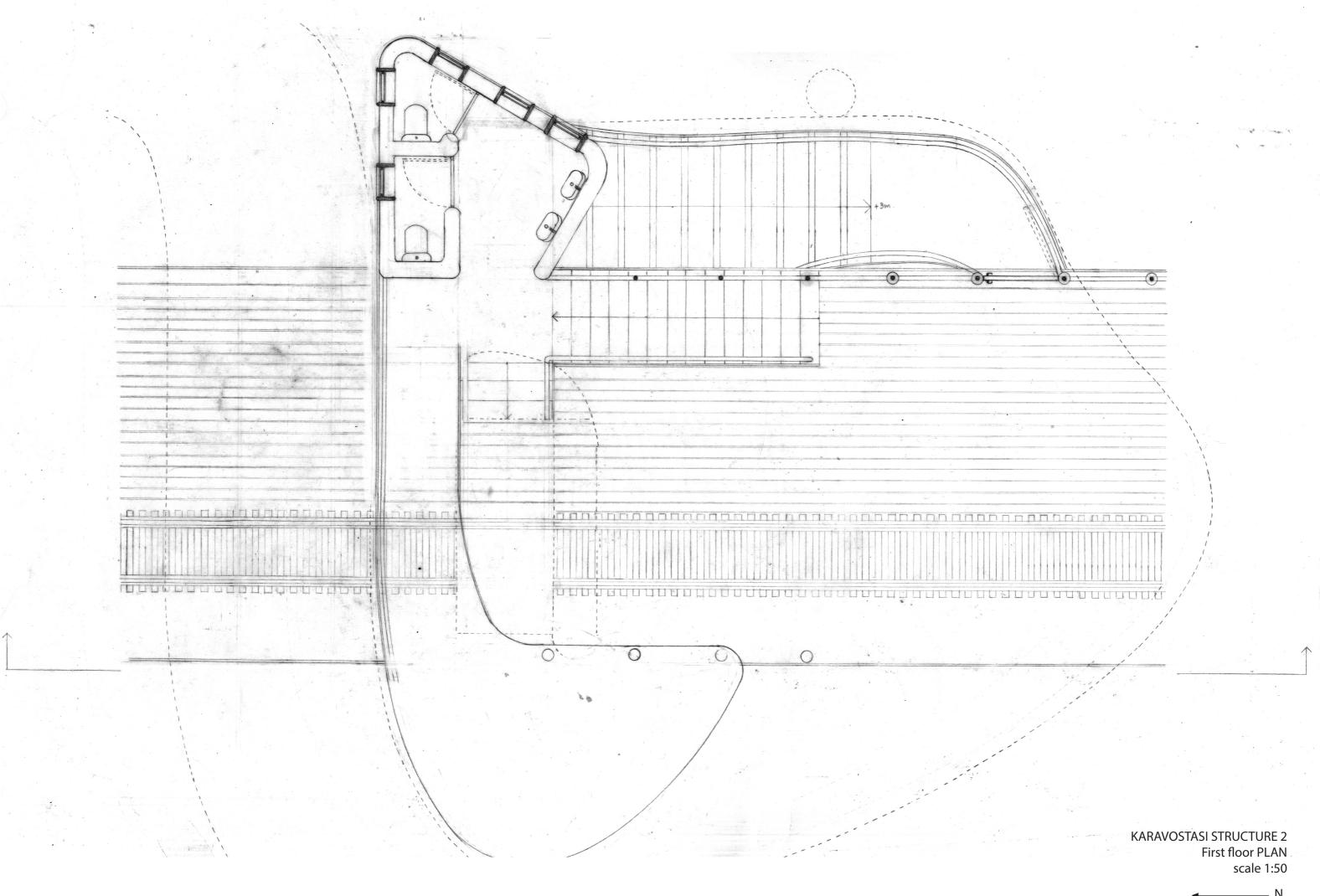


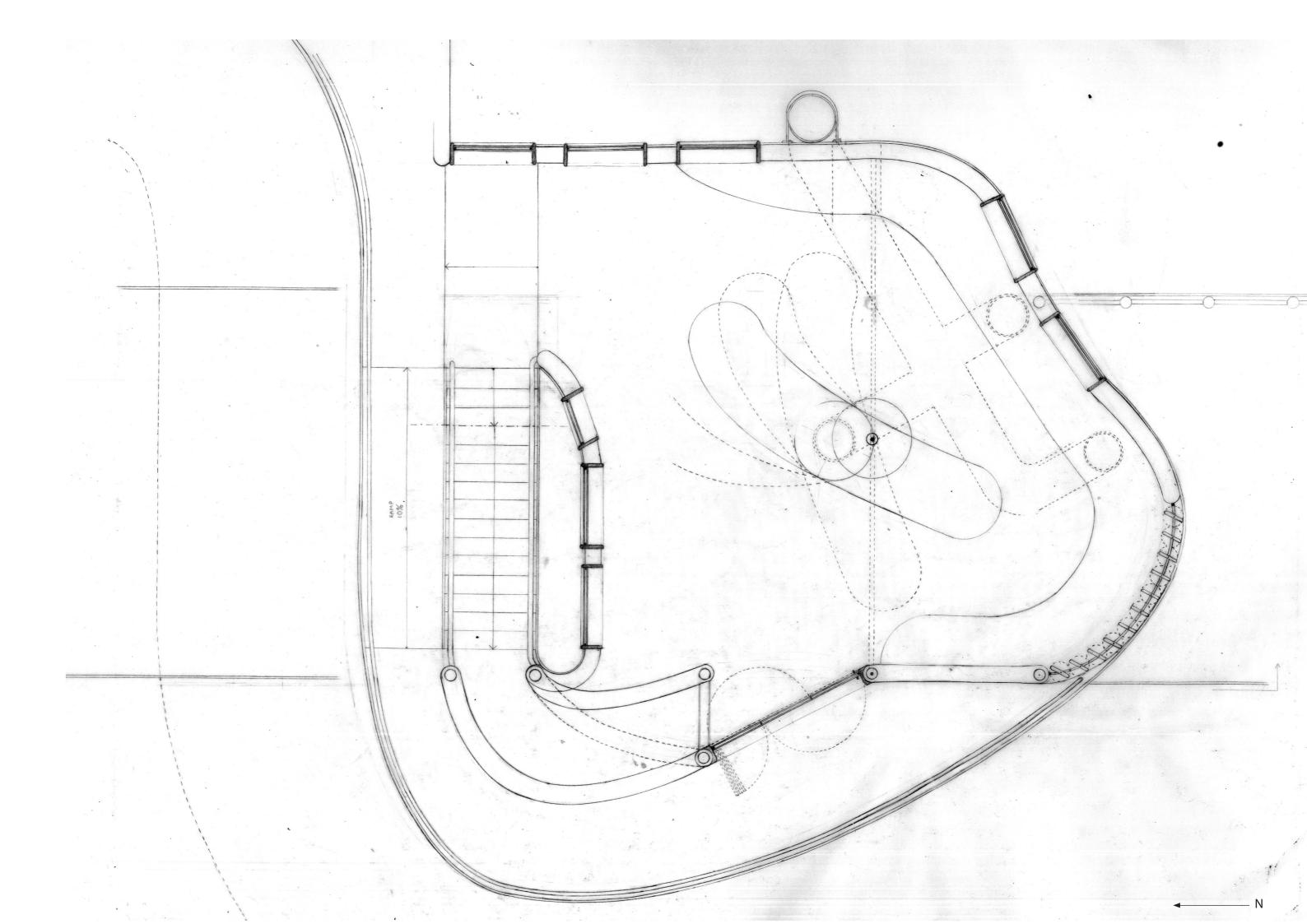


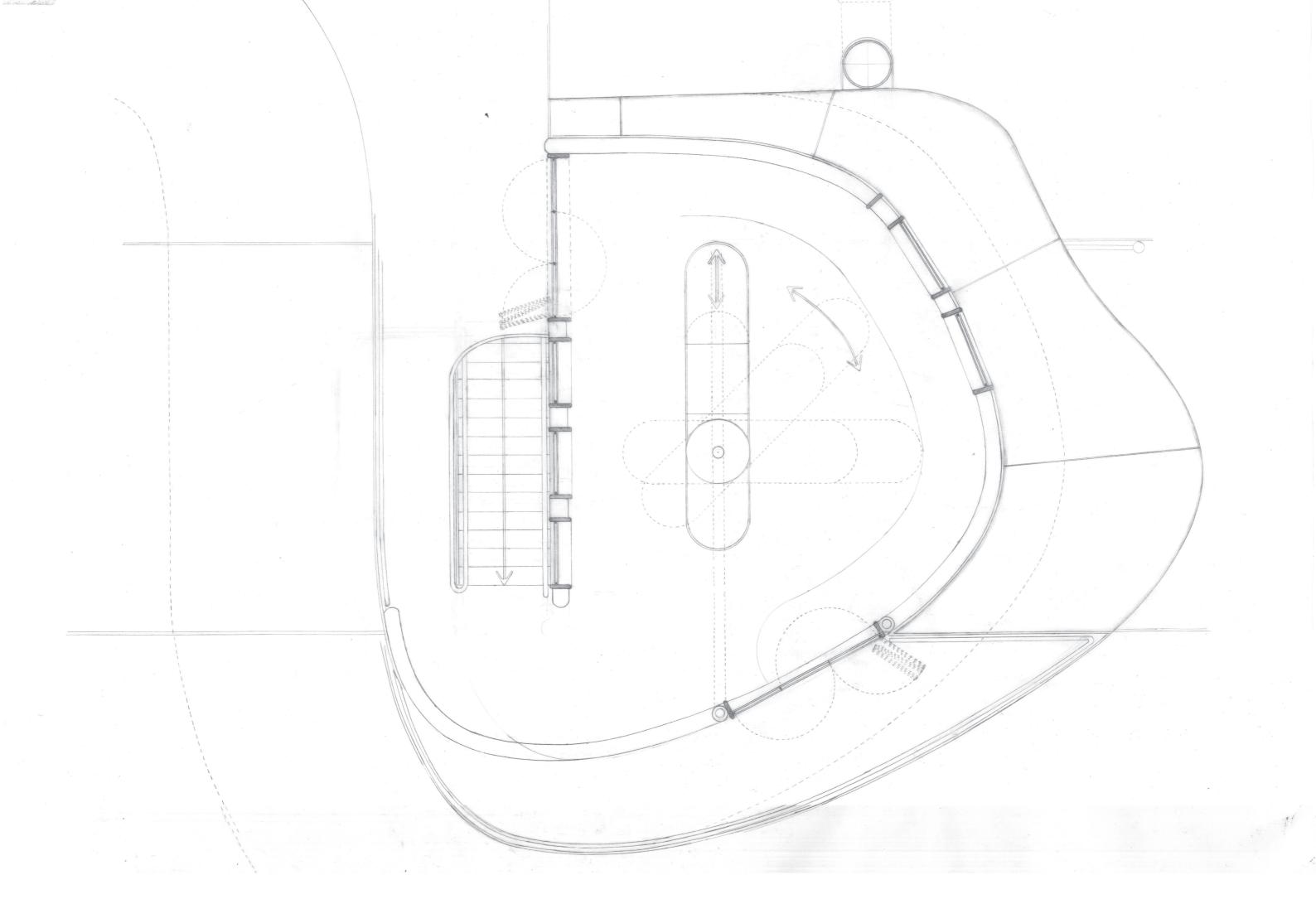


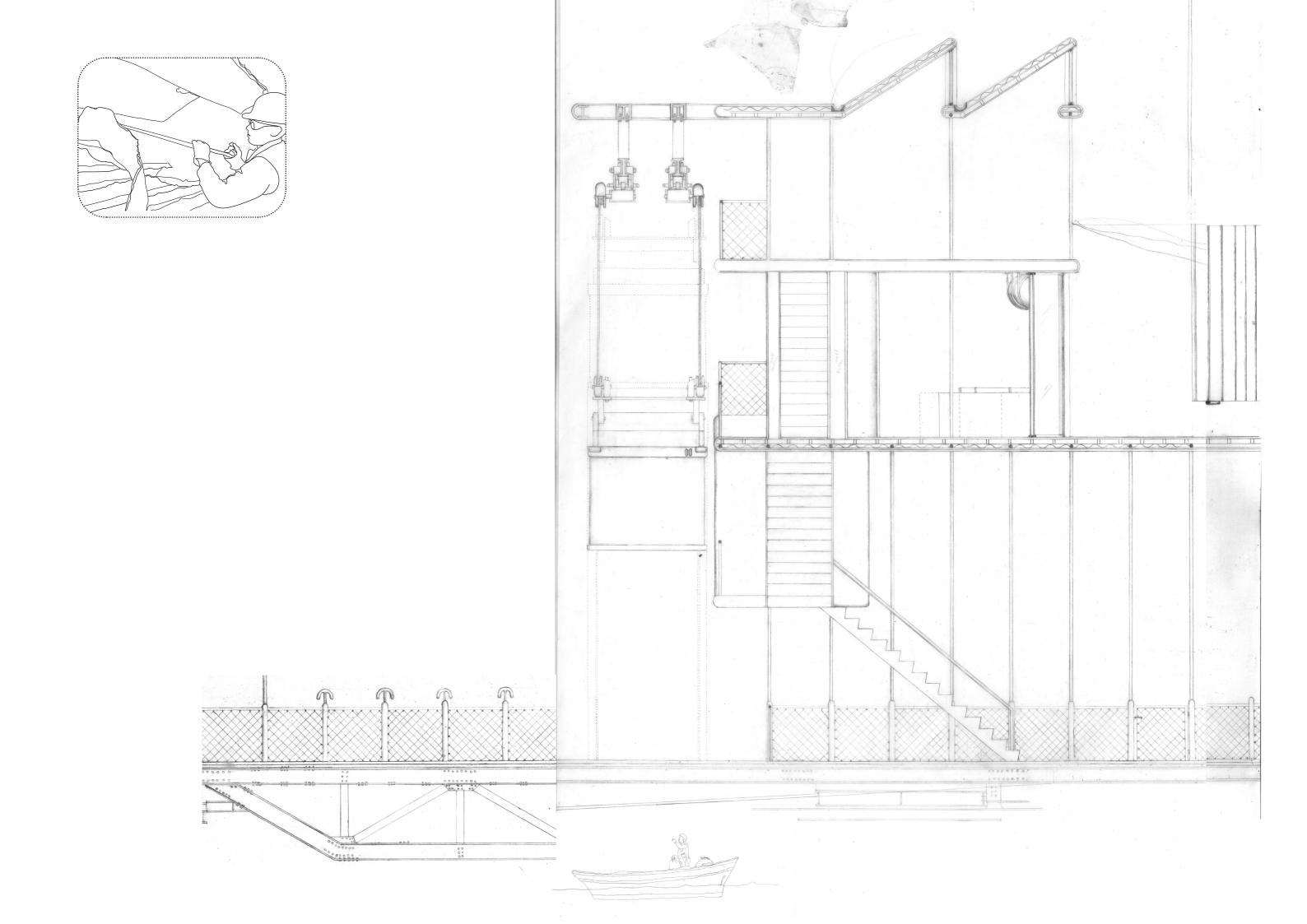






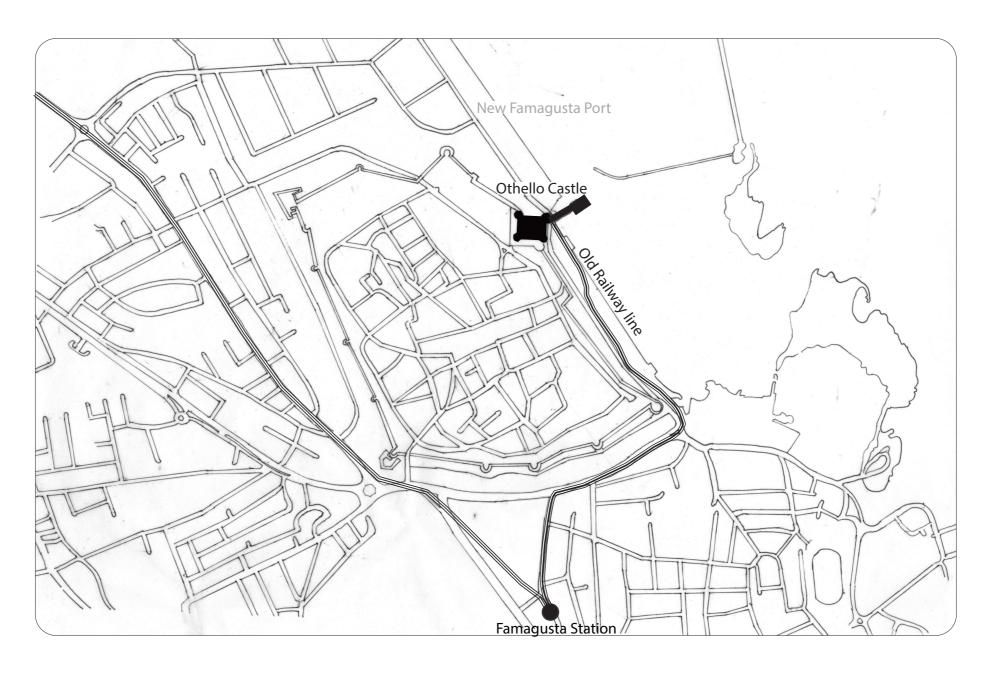




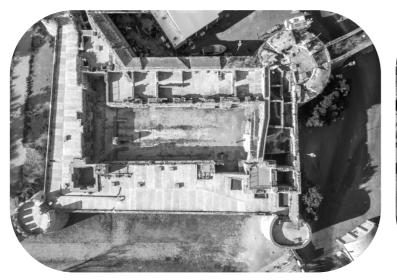




RAILWAY CONNECTING THE OLD HARBOUR











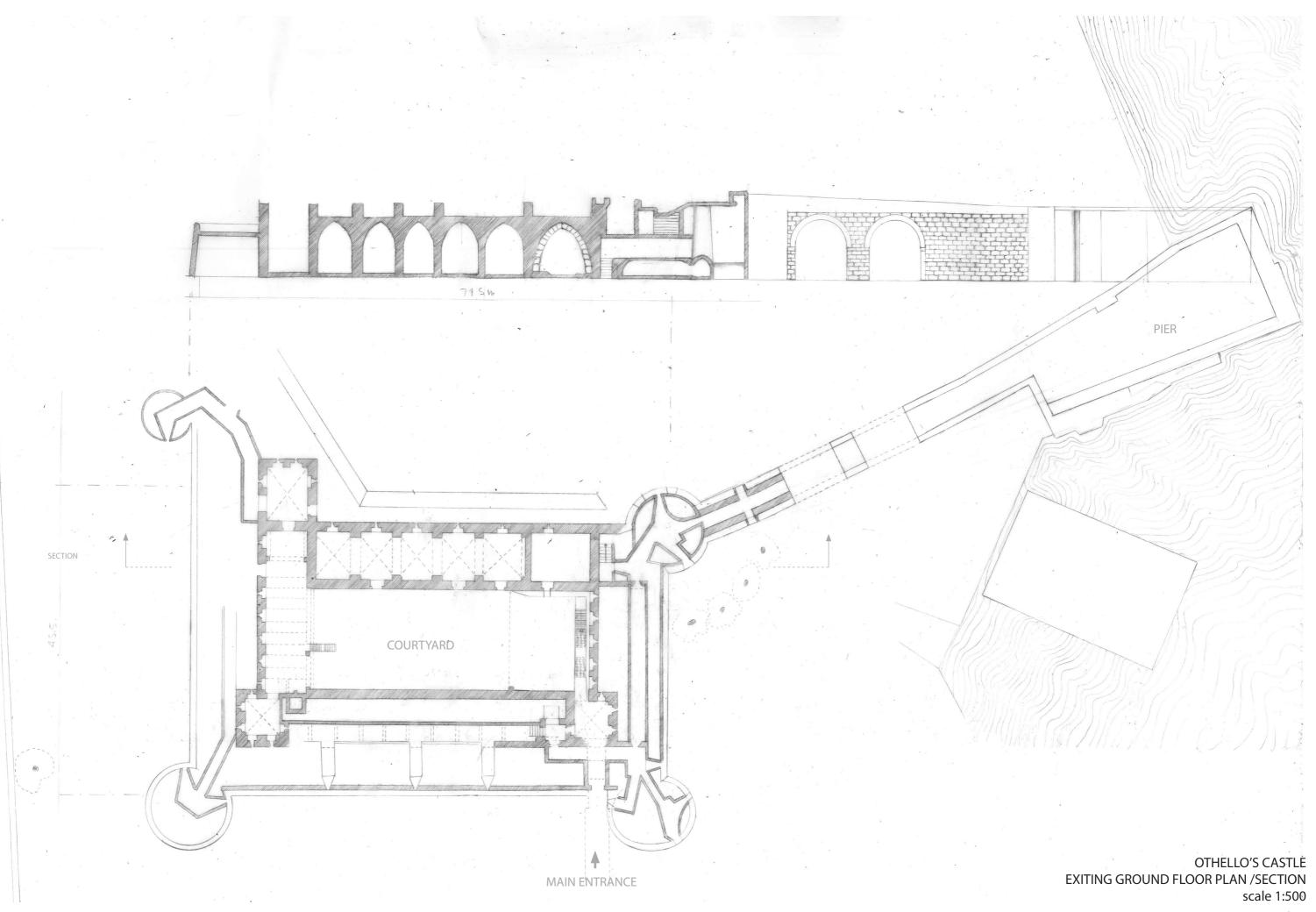


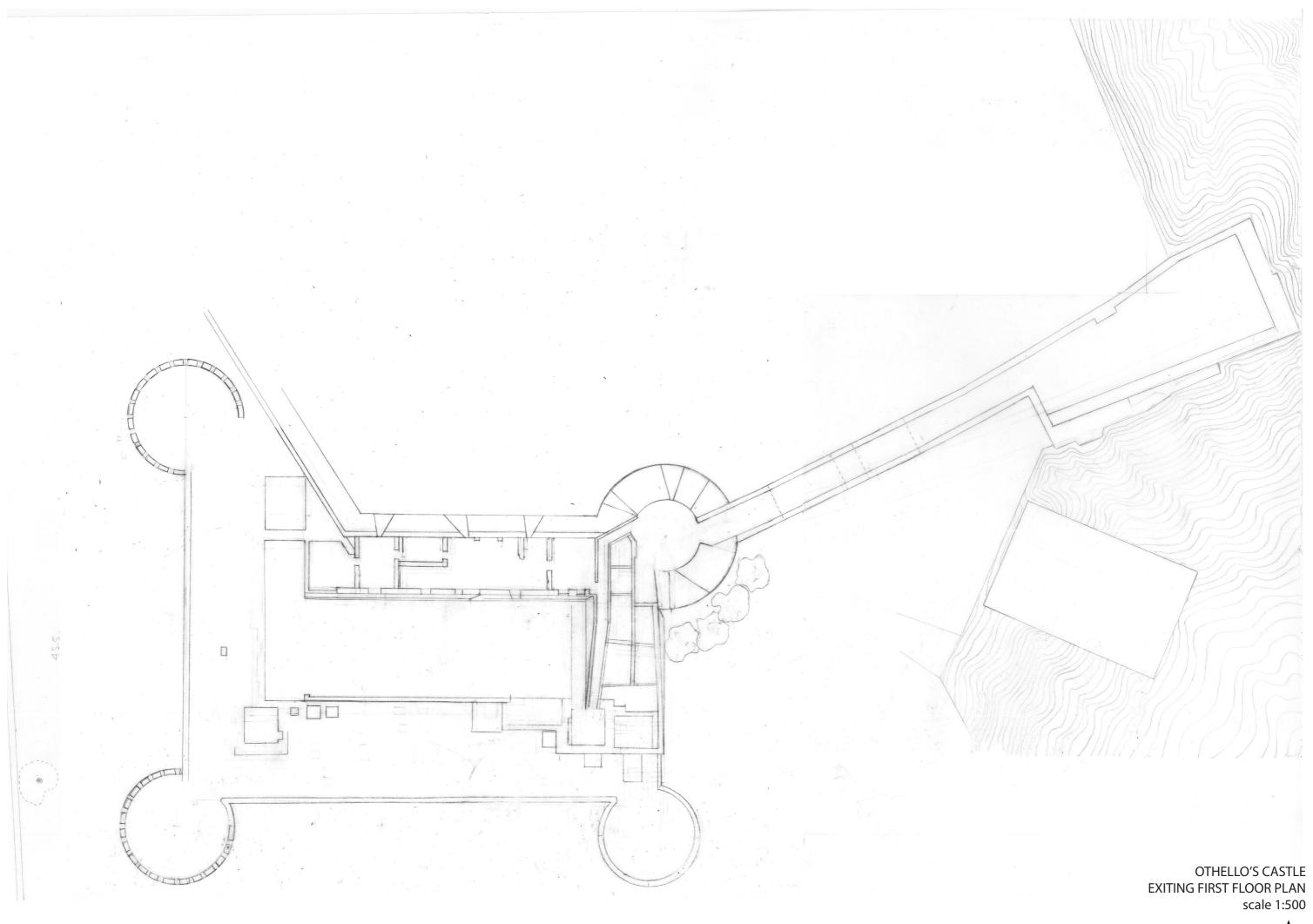


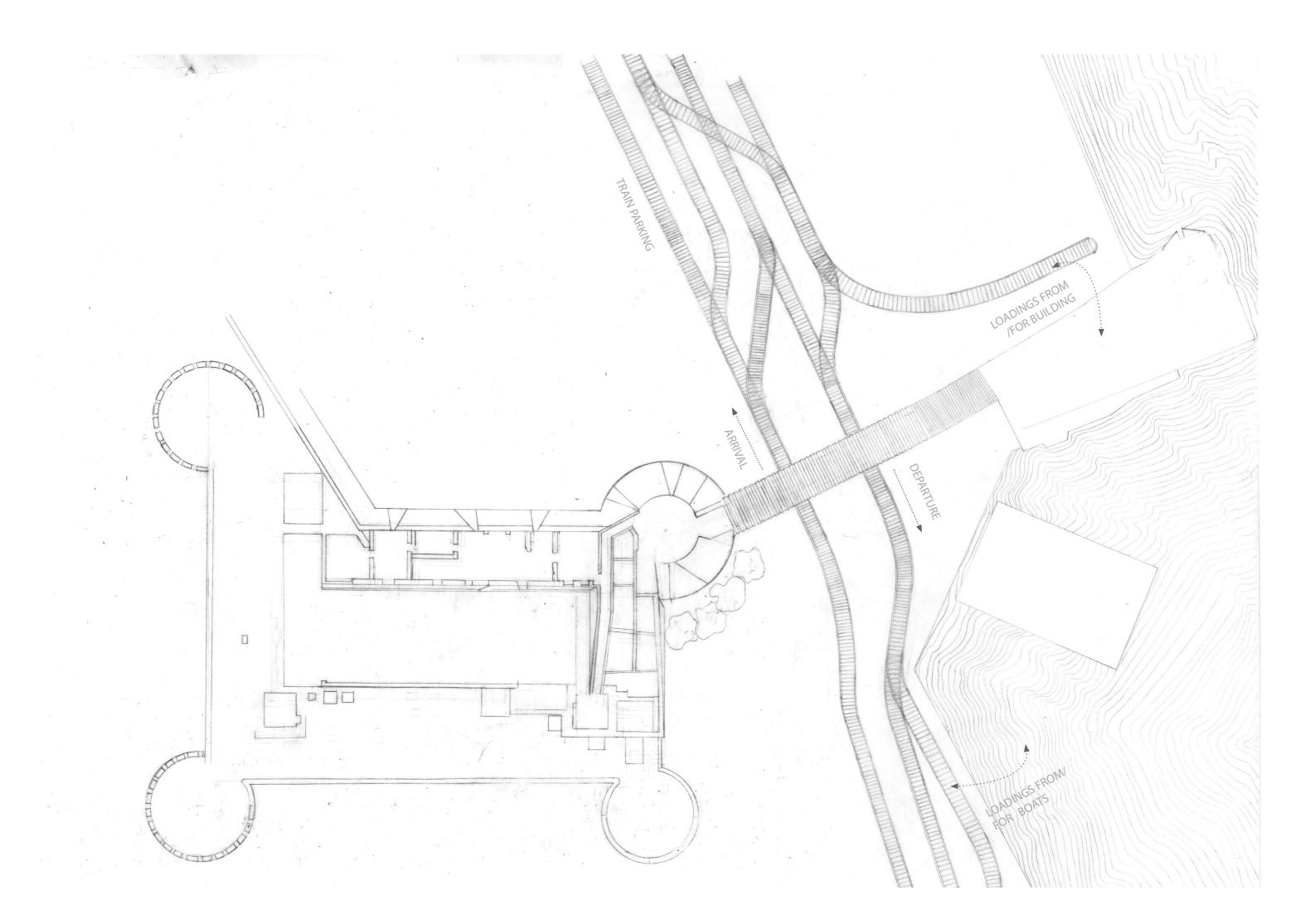


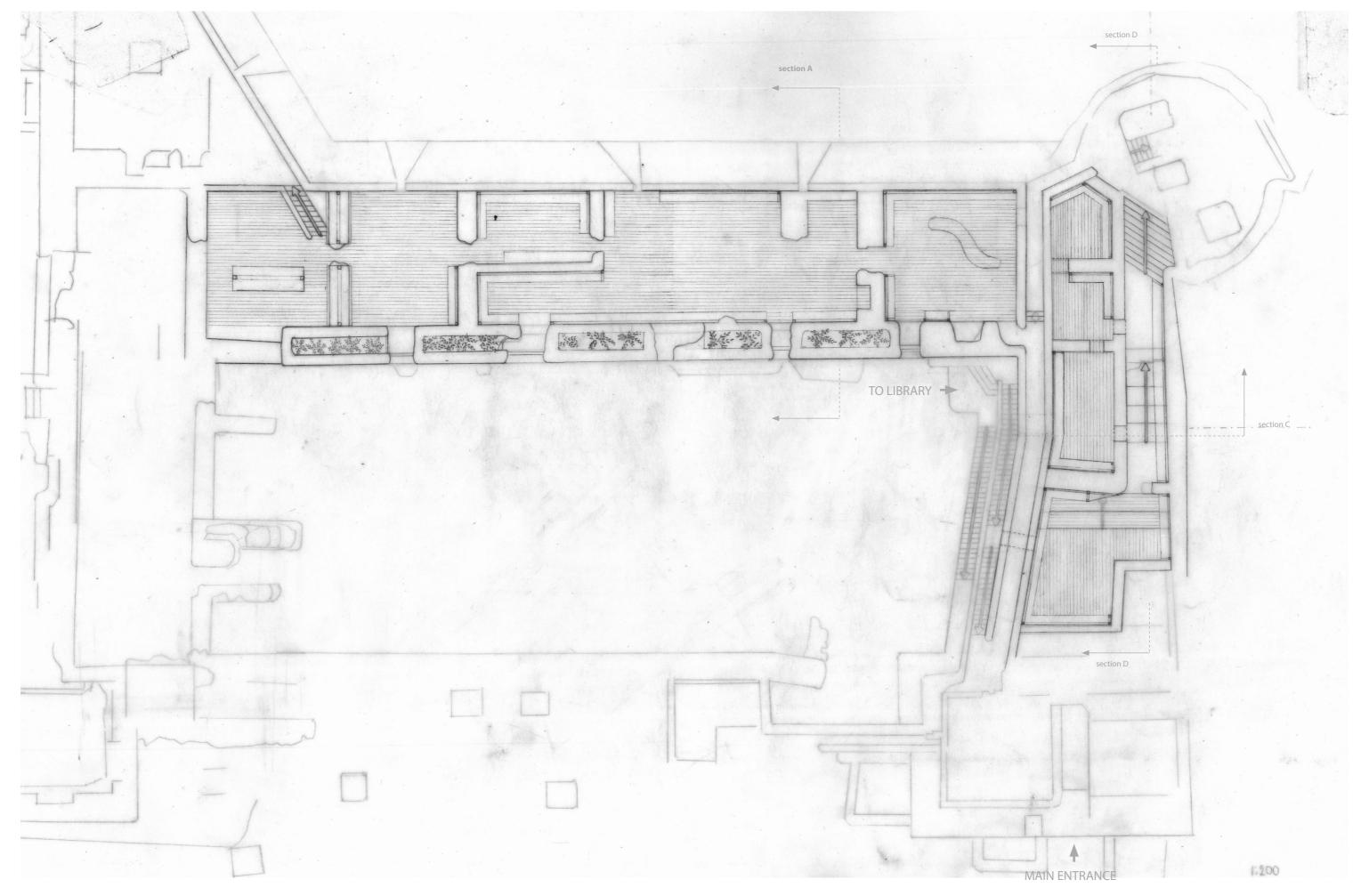
OTHELLO'S PIER



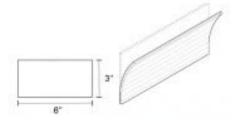






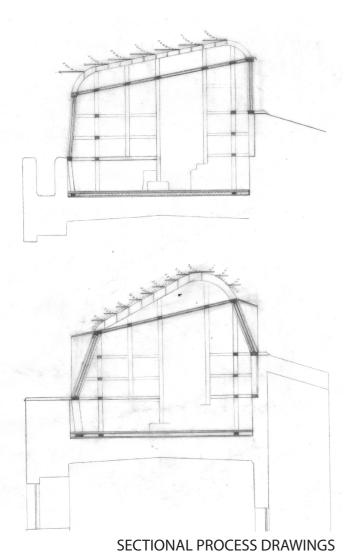


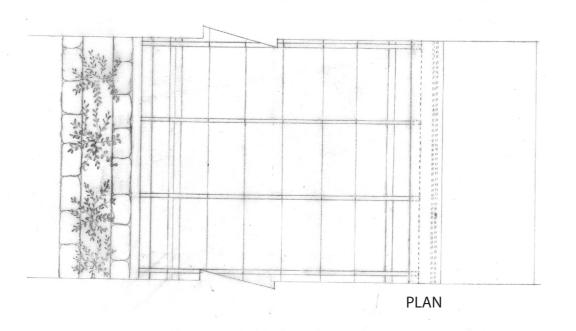
OTHELLO'S CASTLE INTERVENTIONS FIRST FLOOR PLAN scale 1:200

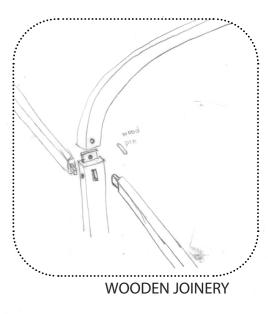


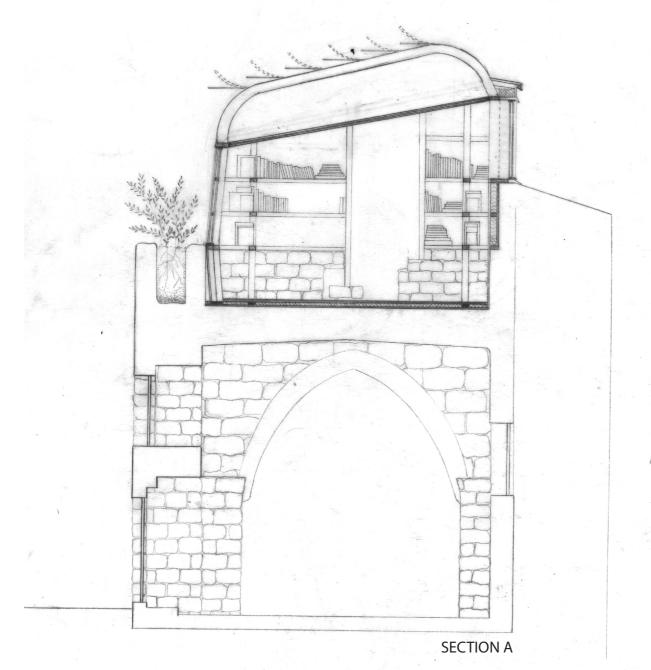


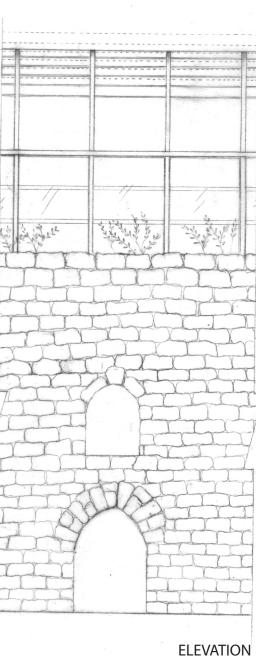
HYGROSCOPIC LOUVER SYSTEM



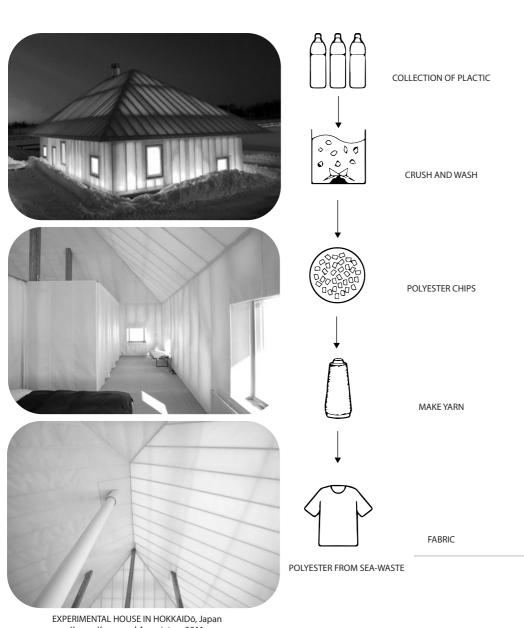




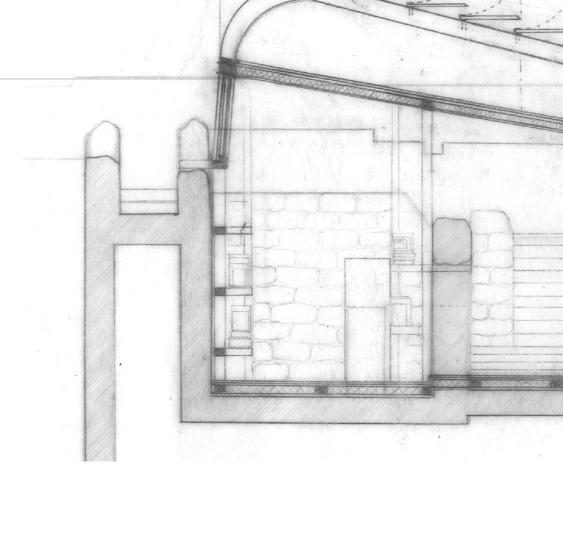


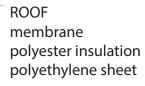


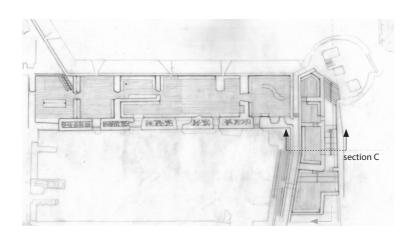
OTHELLO'S CASTLE INTERVENTIONS scale 1:100

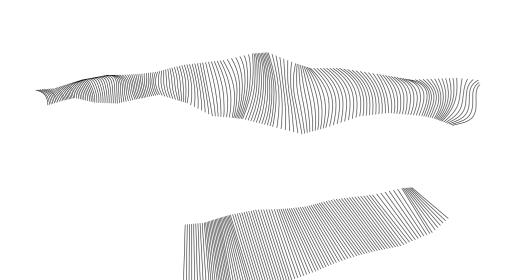


EXPERIMENTAL HOUSE IN HOKKAIDō, Japan Kengo Kuma and Associates , 2011

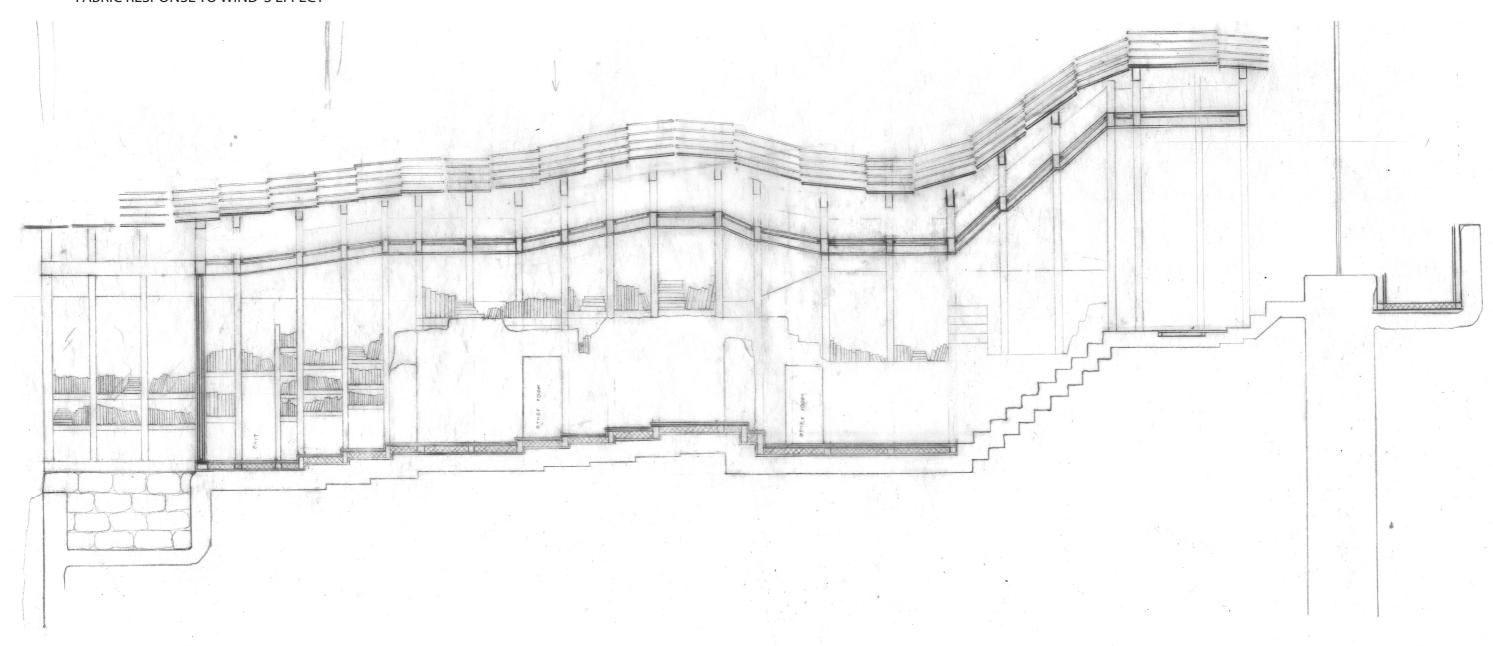


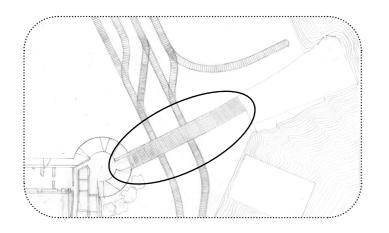


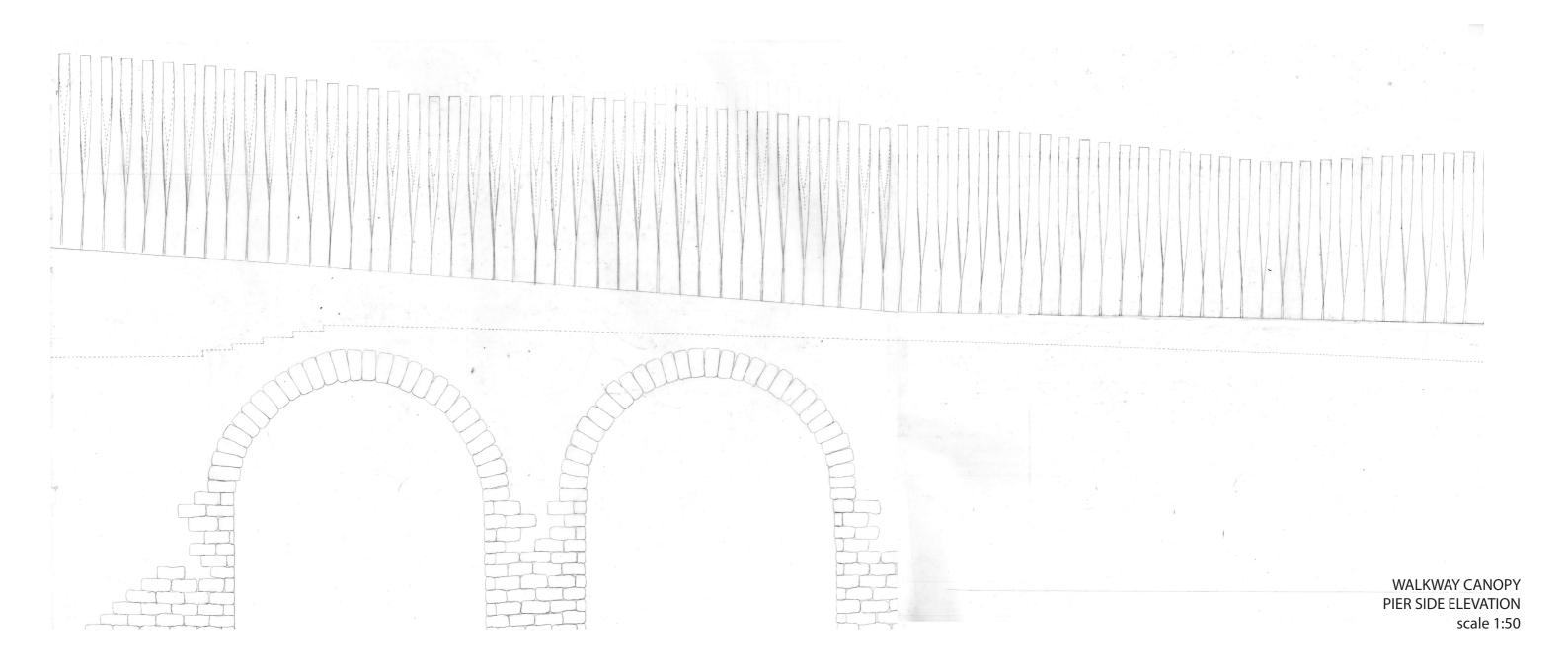


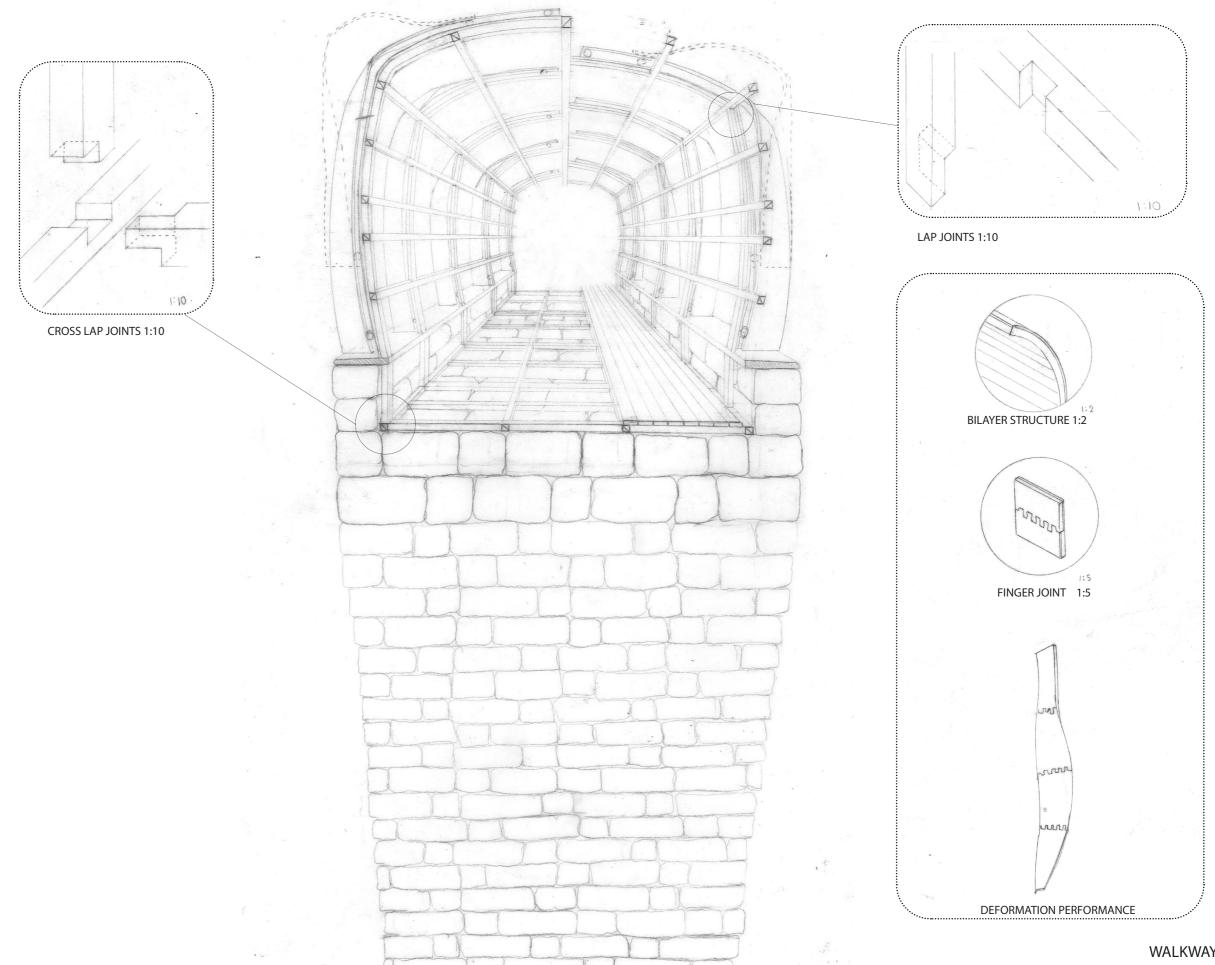


FABRIC RESPONSE TO WIND'S EFFECT









WALKWAY CANOPY SECTIONA PESPECTIVE scale 1:50

