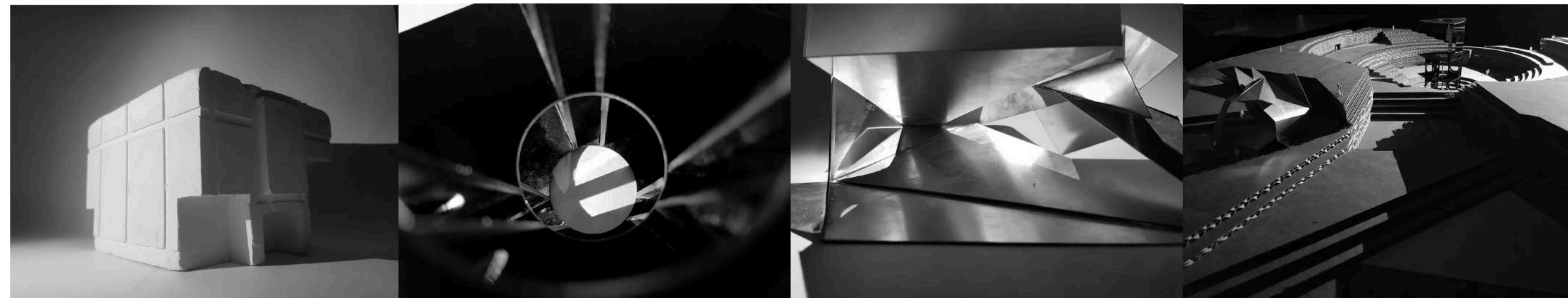


XAVIER RENEHAN 2889 7633  
MCD5130 ARCHITECTURE STUDIO SEMESTER 1  
2018



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## INTRODUCTION TASK 1

TASK 1 WAS GOING THROUGH THE PROCESS OF HAND DRAWING OUR ROOM BY MEASURING OUR ROOM, THEN TRANSLATING THOSE MEASUREMENTS INTO ACCURATE DETAILED ARCHITECTURAL DRAWINGS. FROM THOSE DRAWINGS WE WERE TO CREATE A NEGATIVE CAST MODEL OF OUR ROOM OUT OF PLASTER.

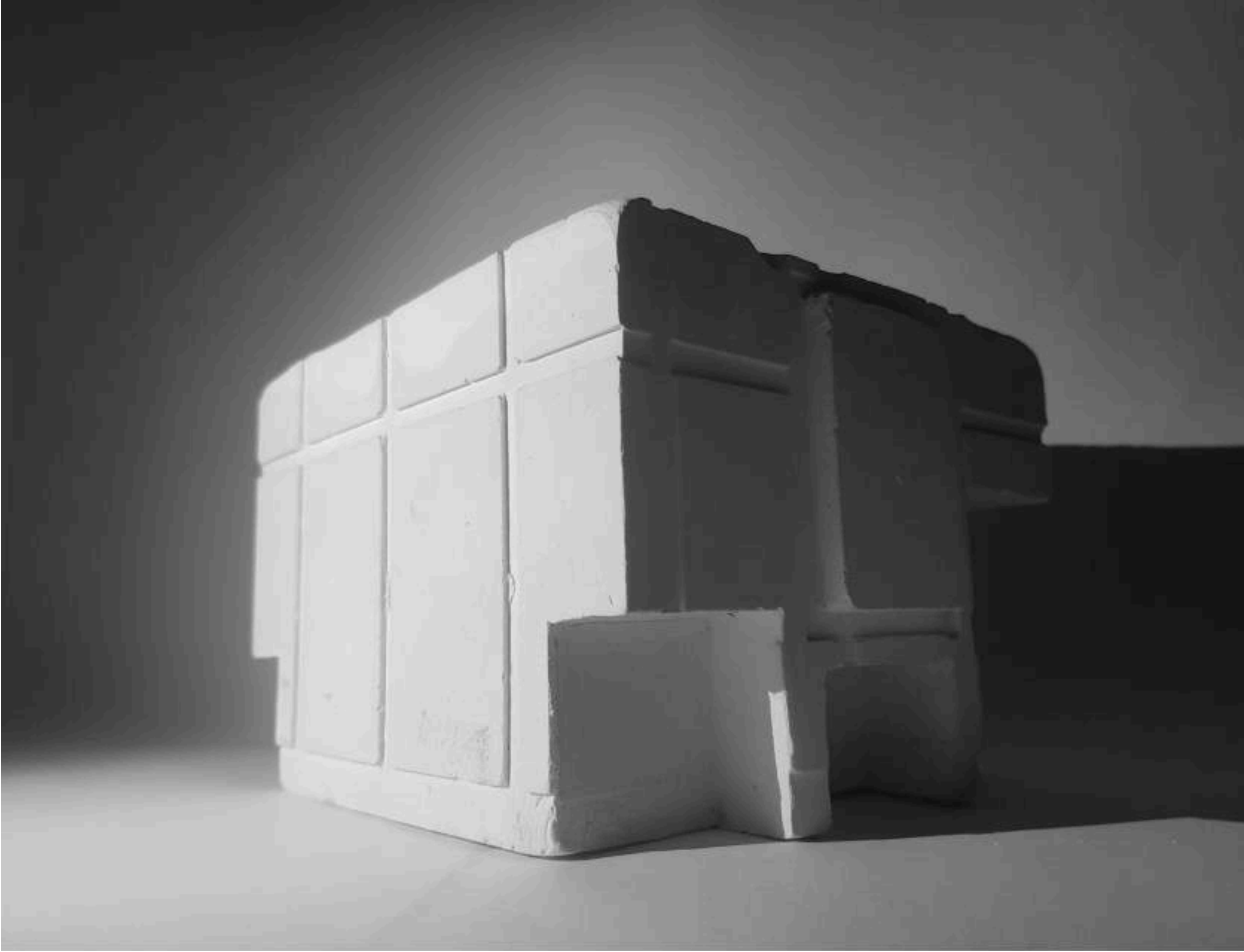
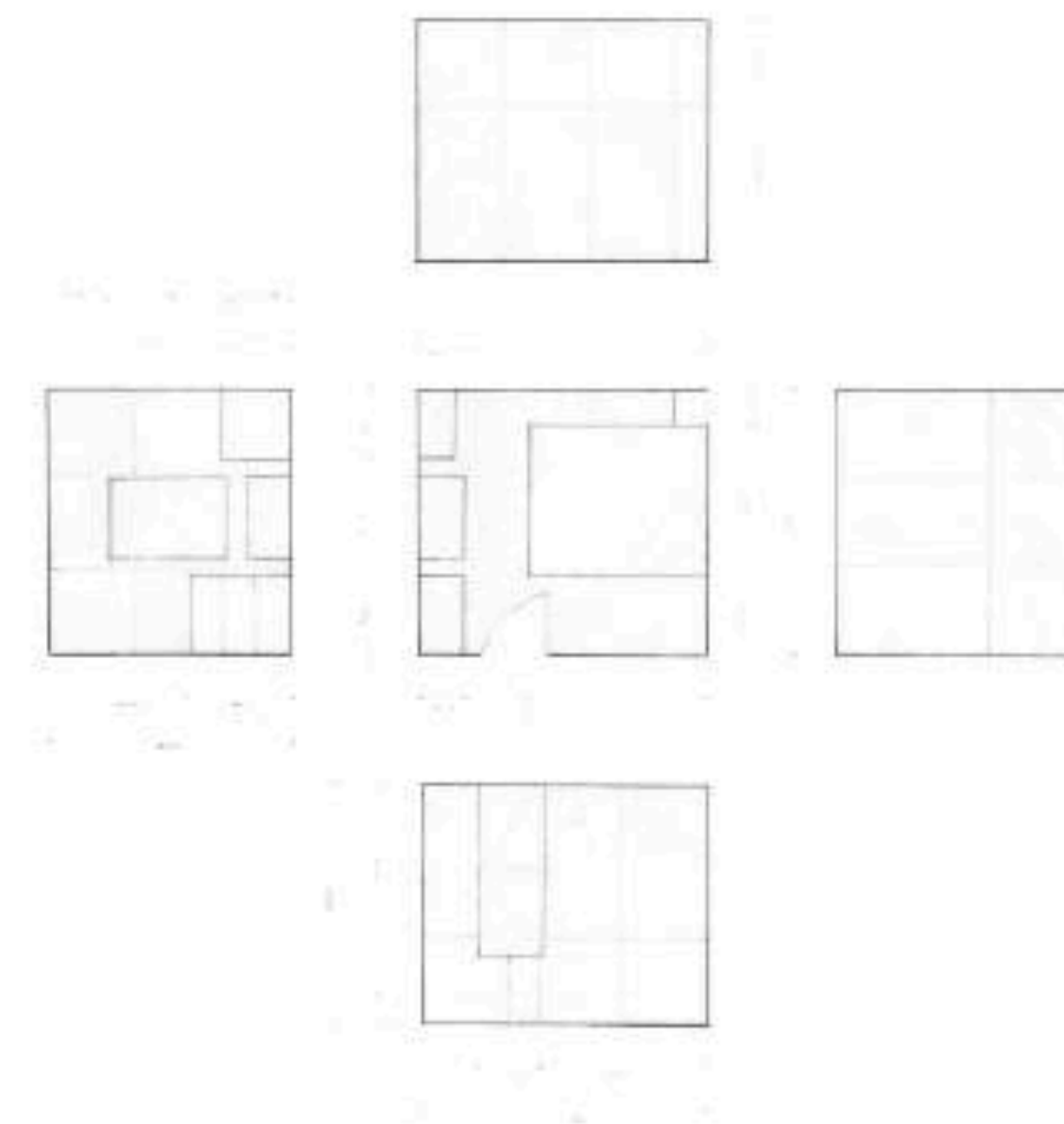


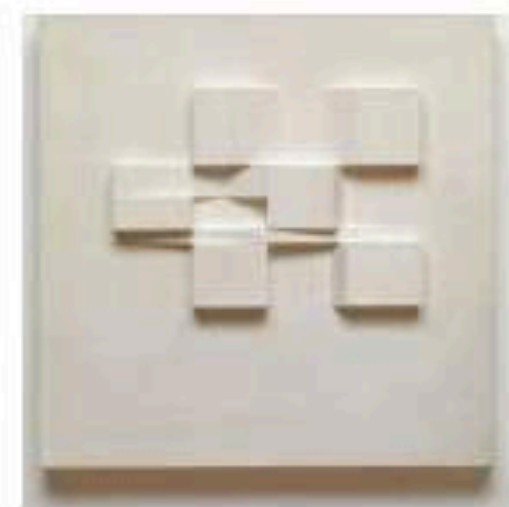


PHOTO MONTAGE

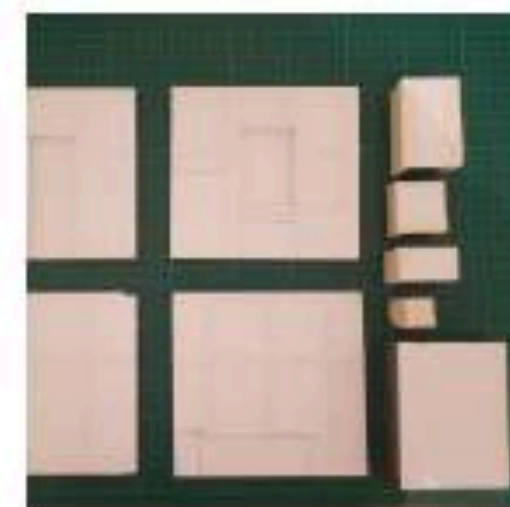


ROOM MEASUREMENTS NTS



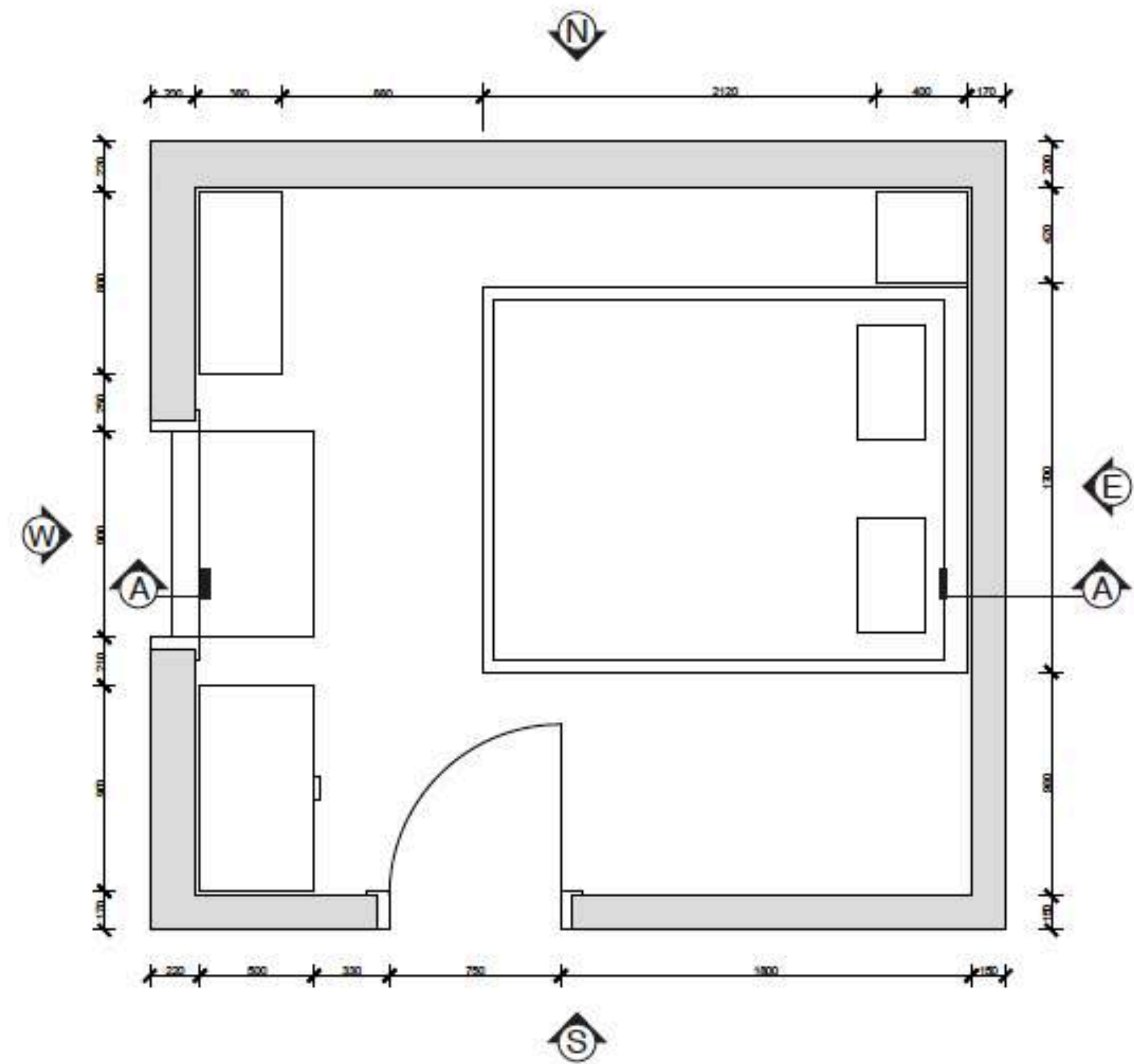


model construction

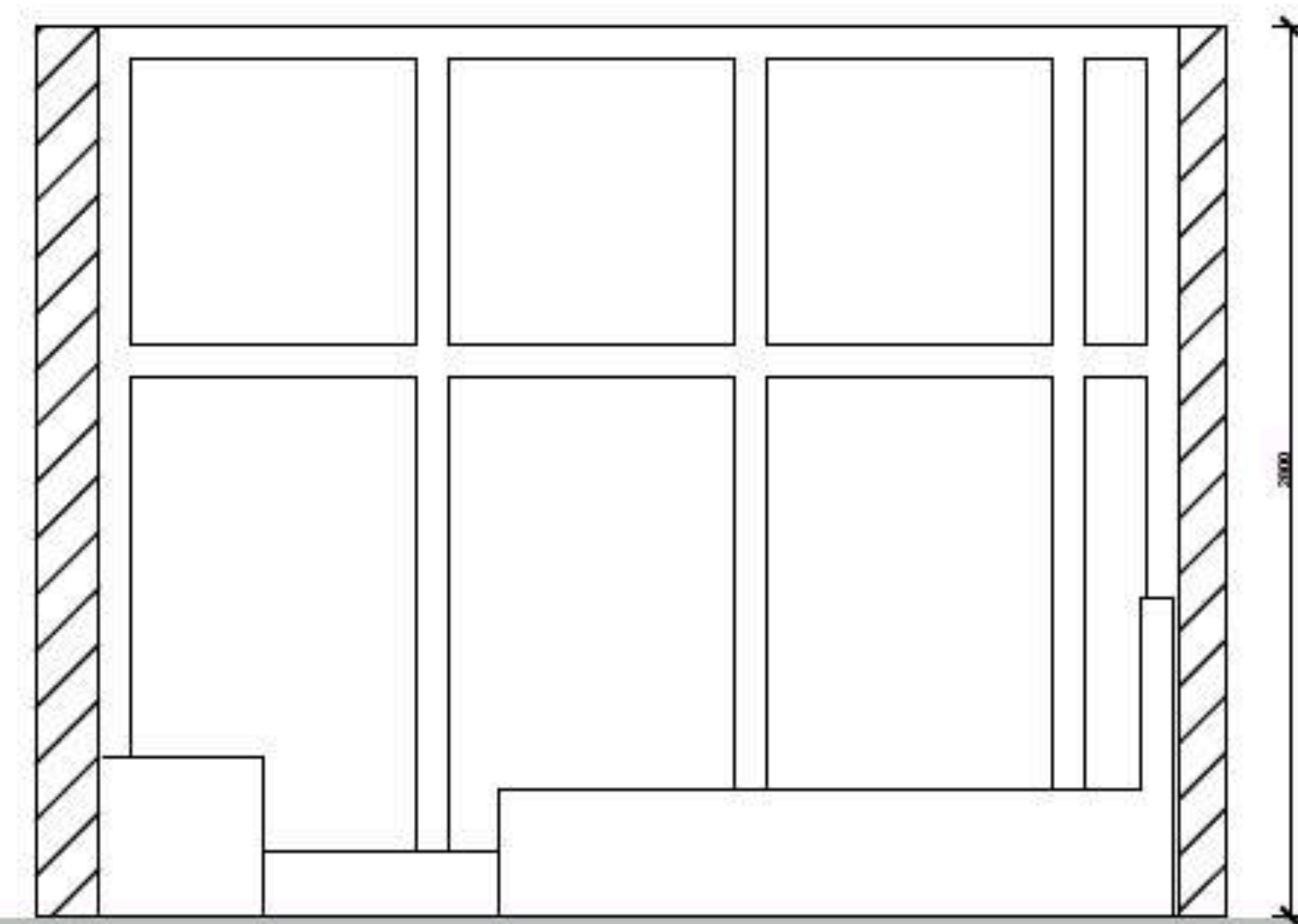


model pouring



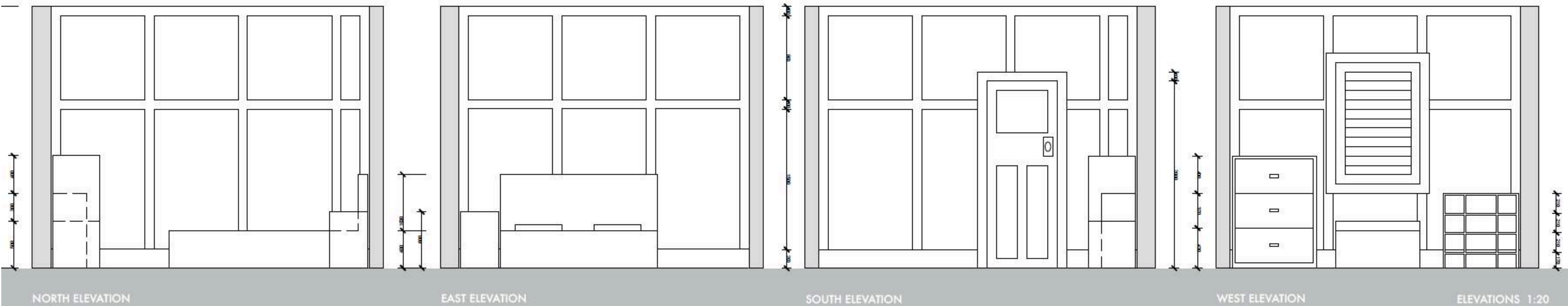


PLAN

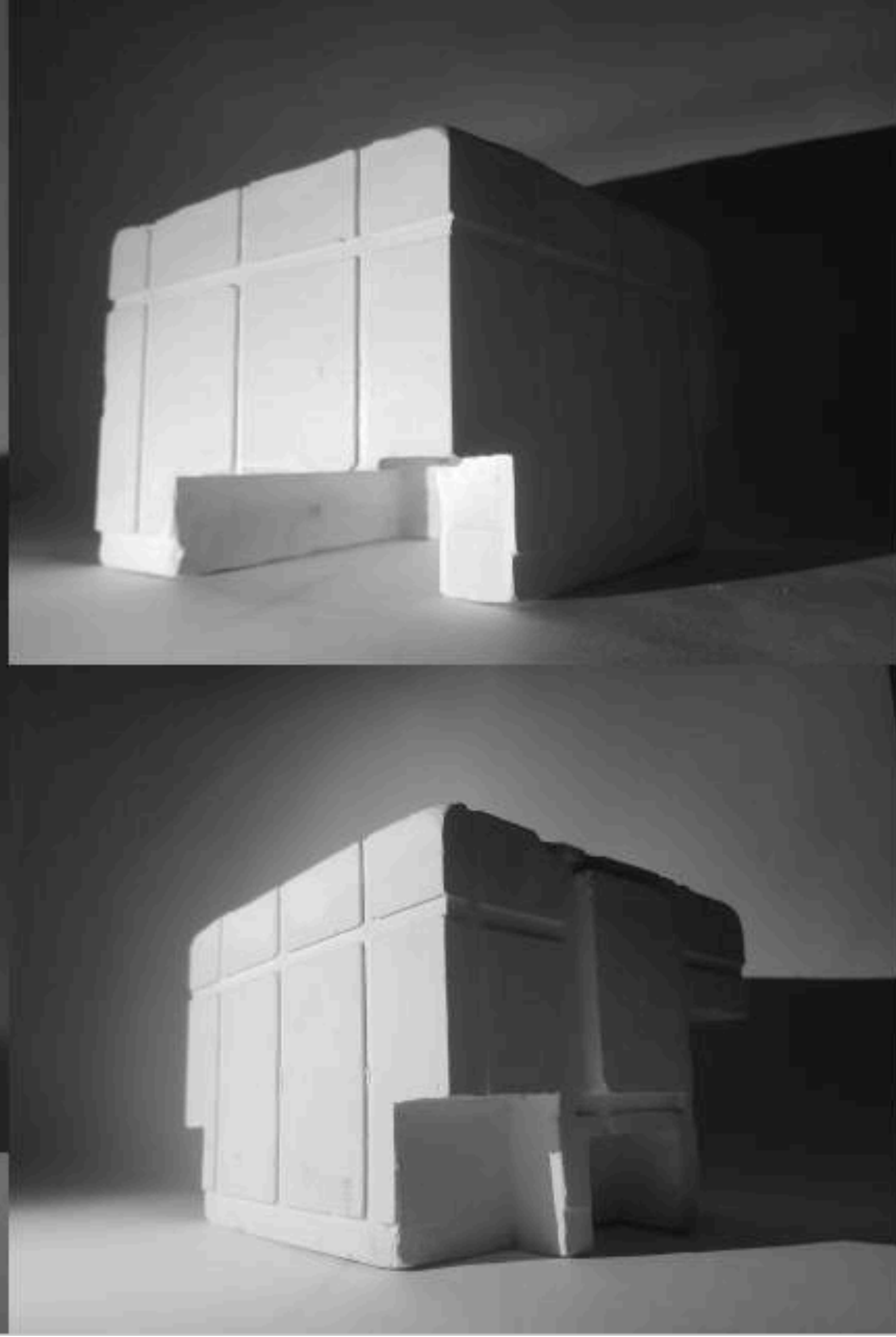
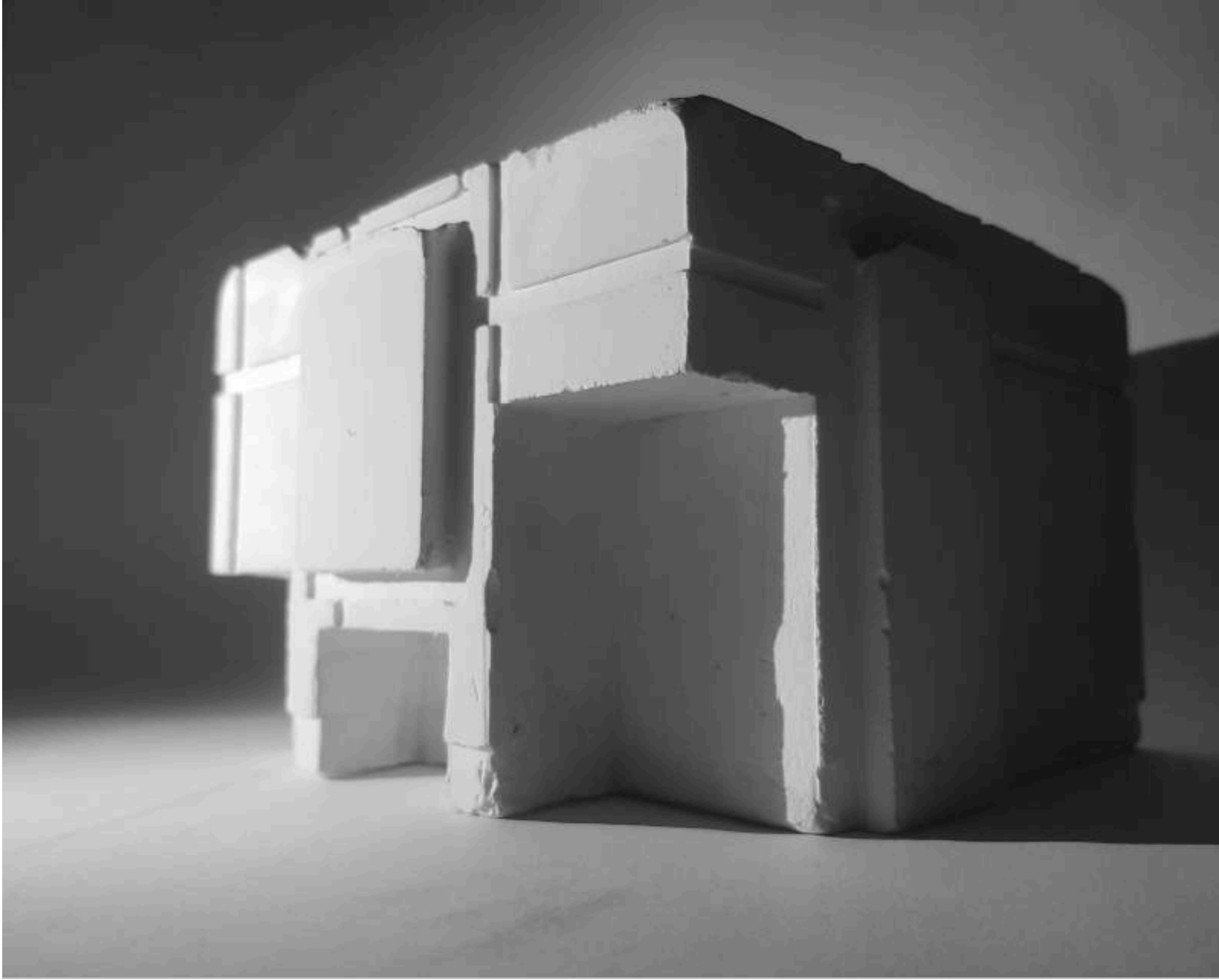


SECTION

PLAN 1:20

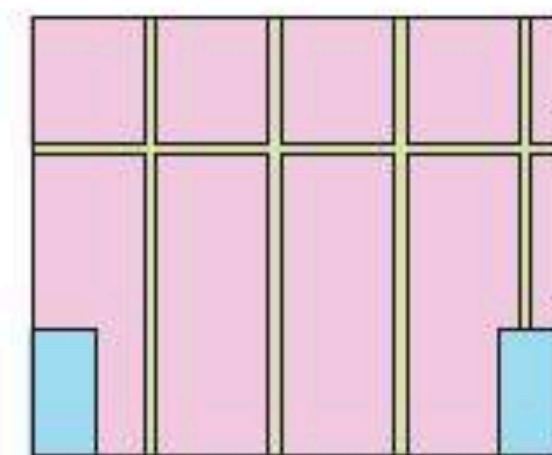




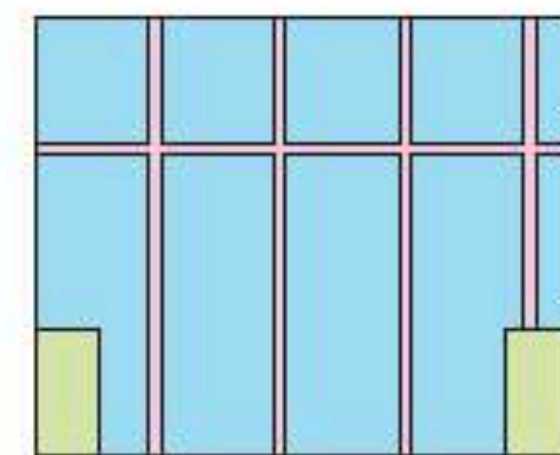




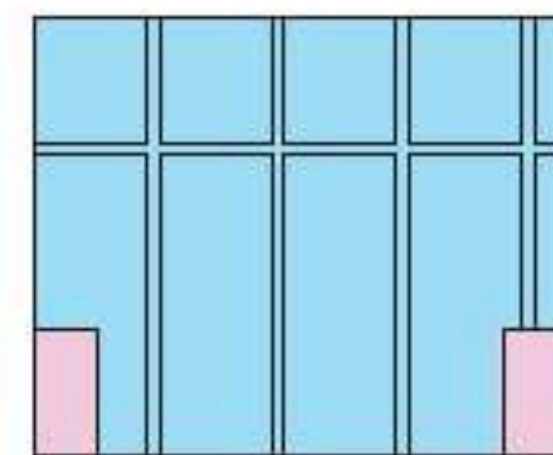
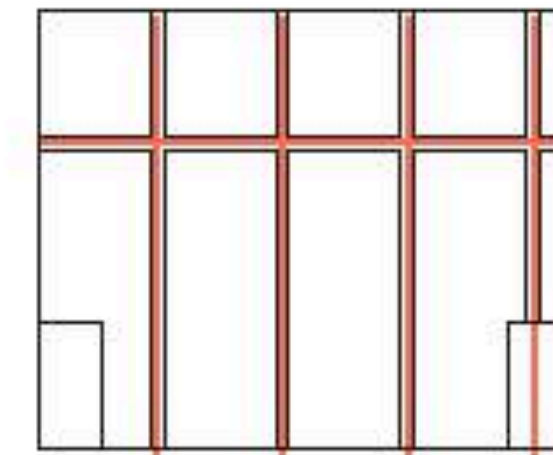
ANALYSIS



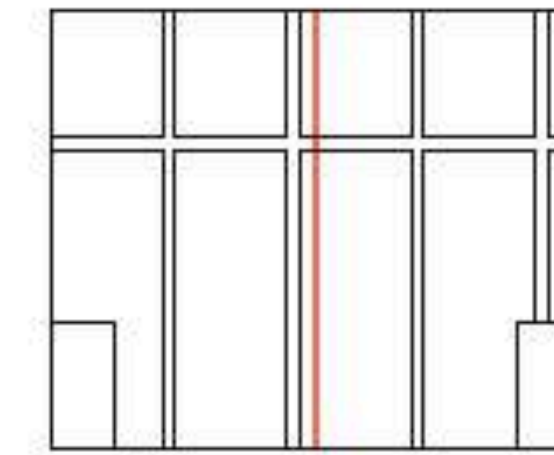
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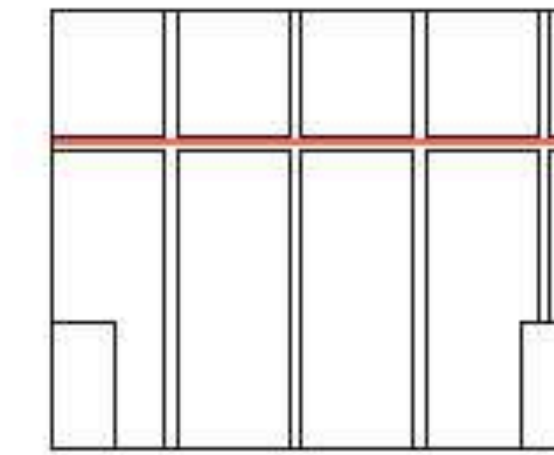
planes

solids  
voids

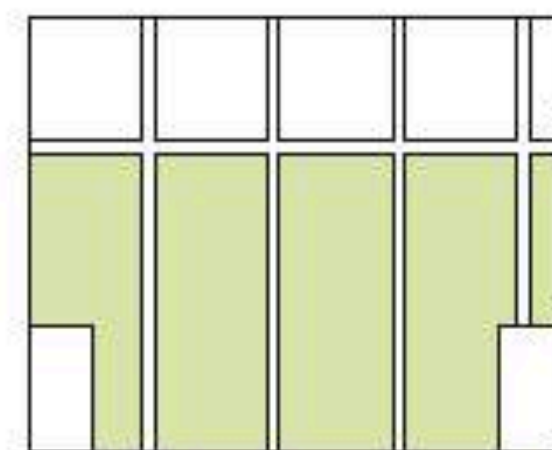
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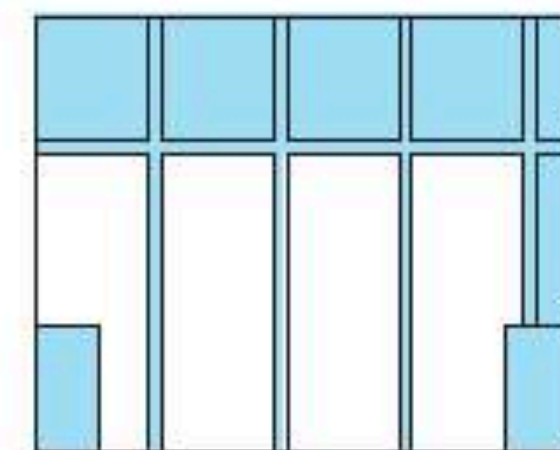
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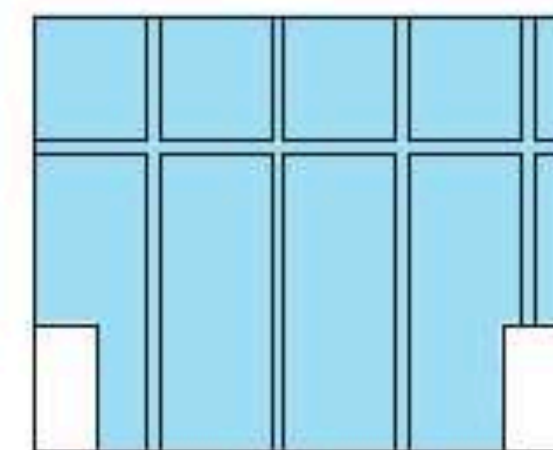
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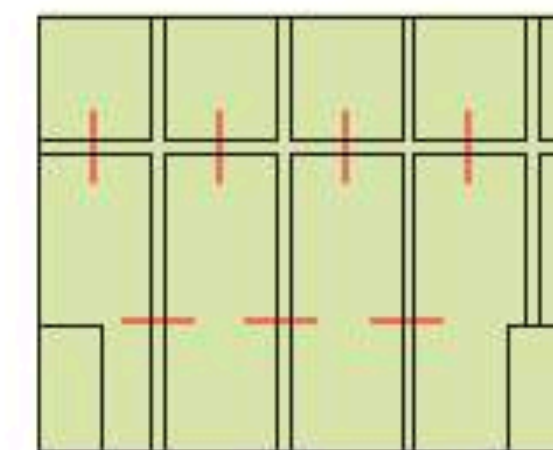
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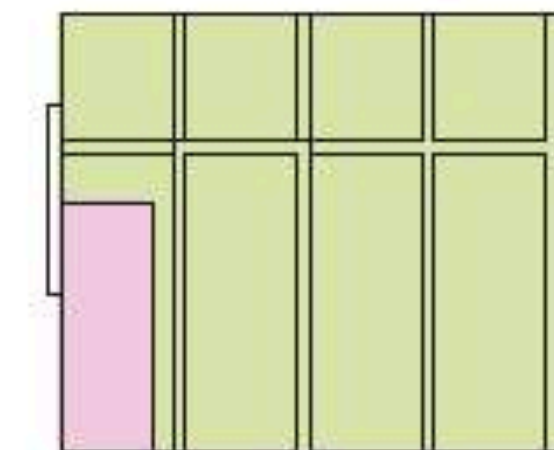
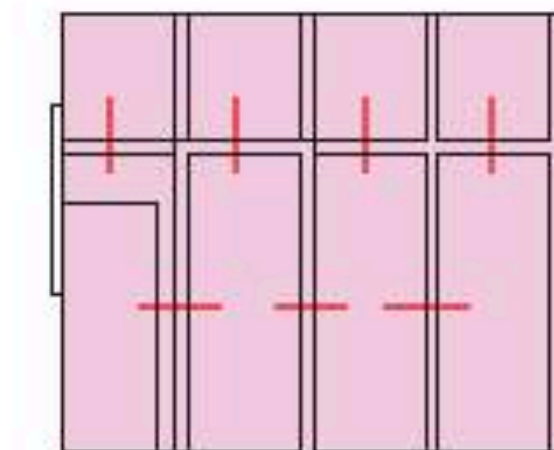
repetition



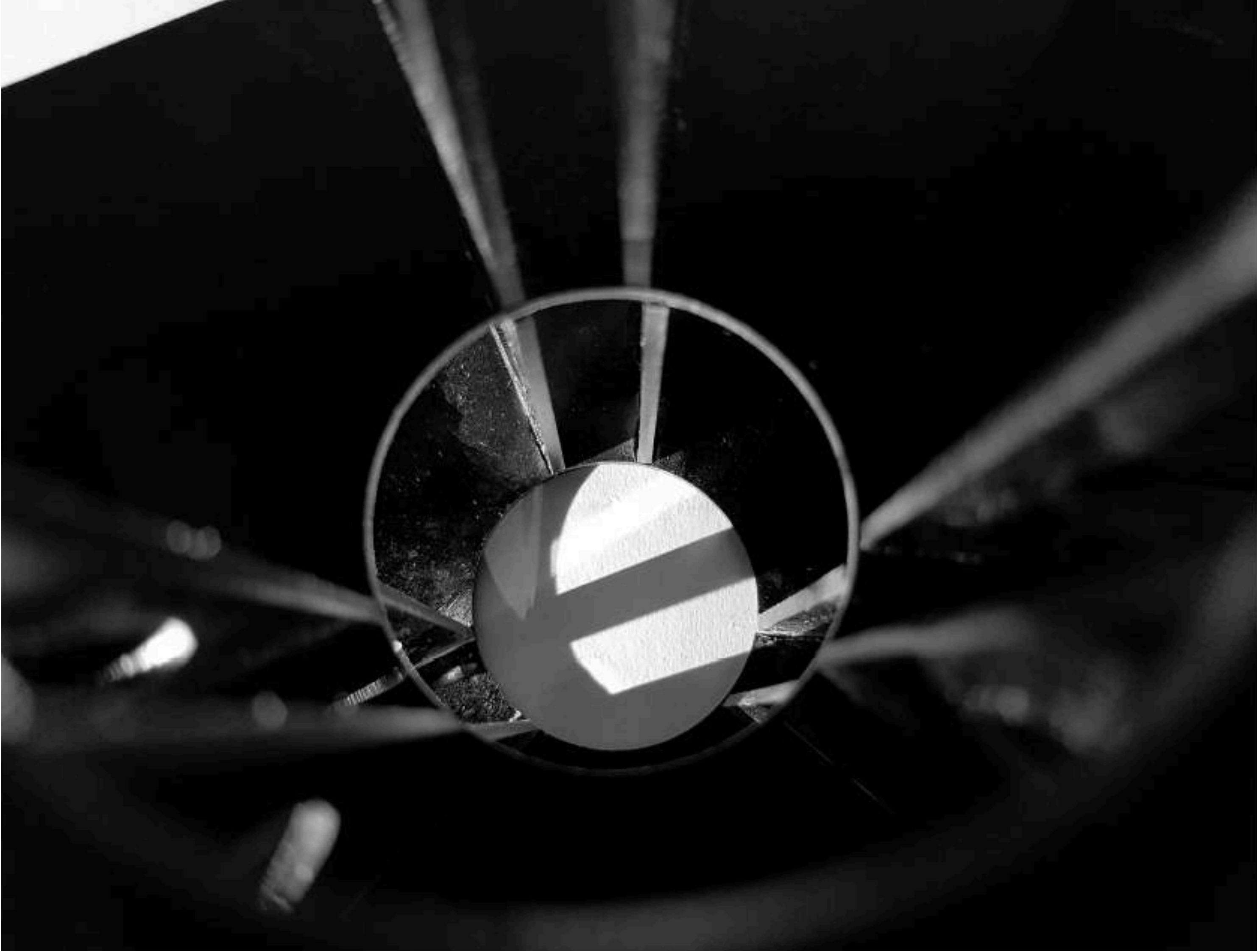
space within a space



adjacent spaces

solids  
voids

adjacent spaces



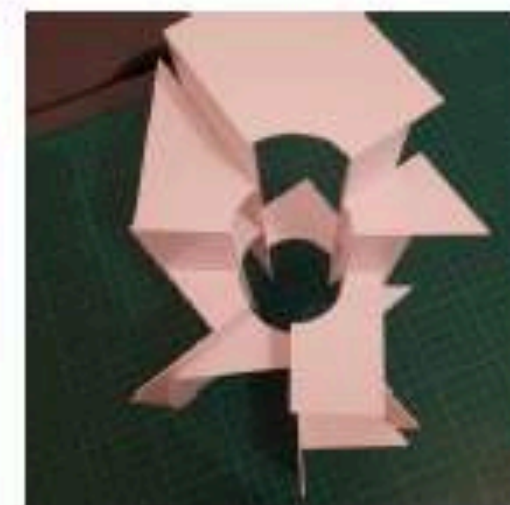
## INTRODUCTION TASK 2A - ACRYLIC

TASK 2A WAS A PROJECT APPLYING THE PRINCIPLES OF VERTICAL AND HORIZONTAL PLANES TO CREATE A STRUCTURE FOR PEOPLE TO OCCUPY IN THREE LEVELS.

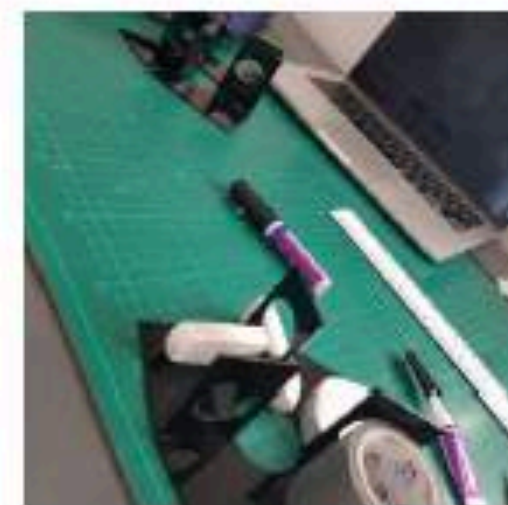




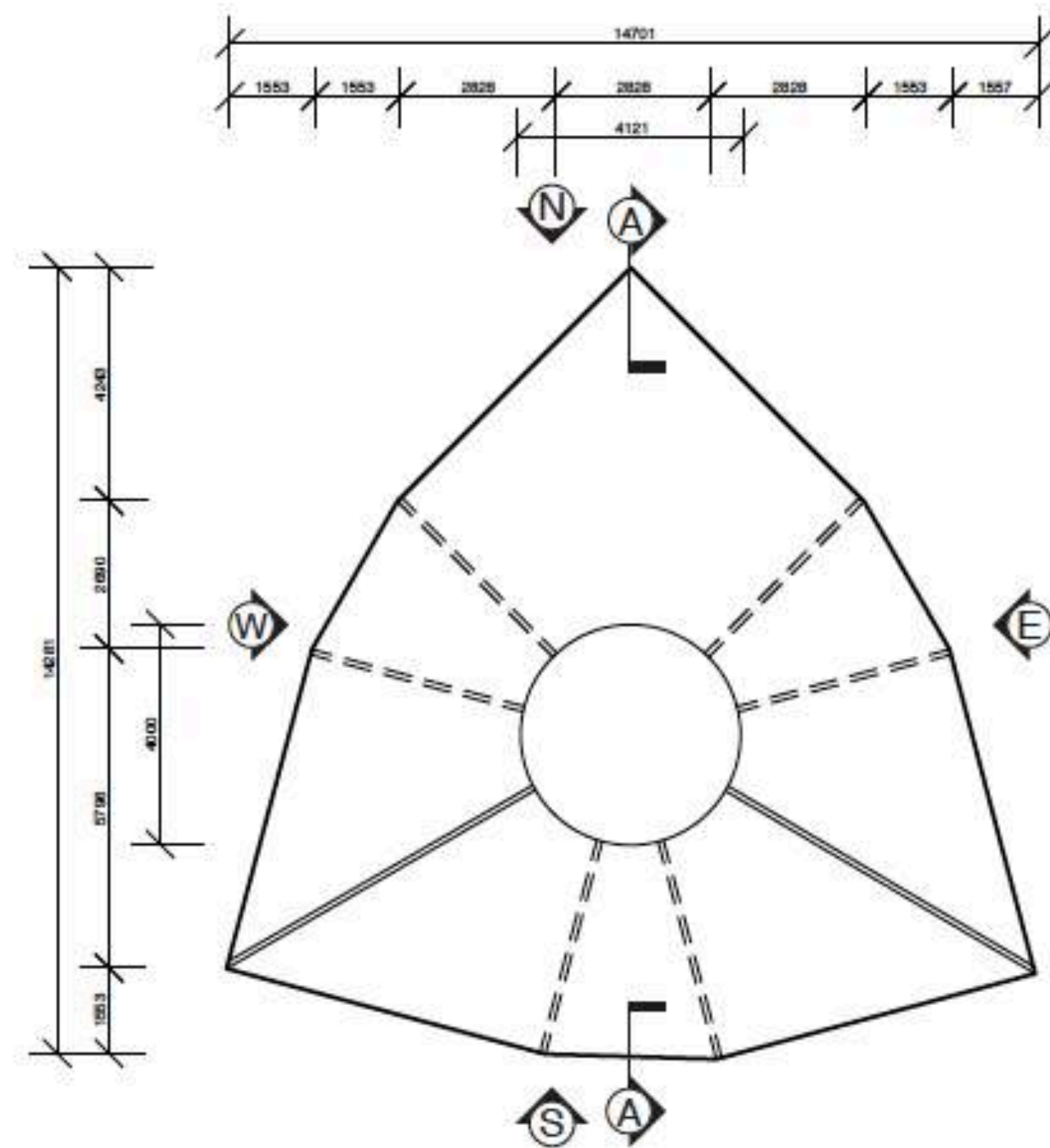
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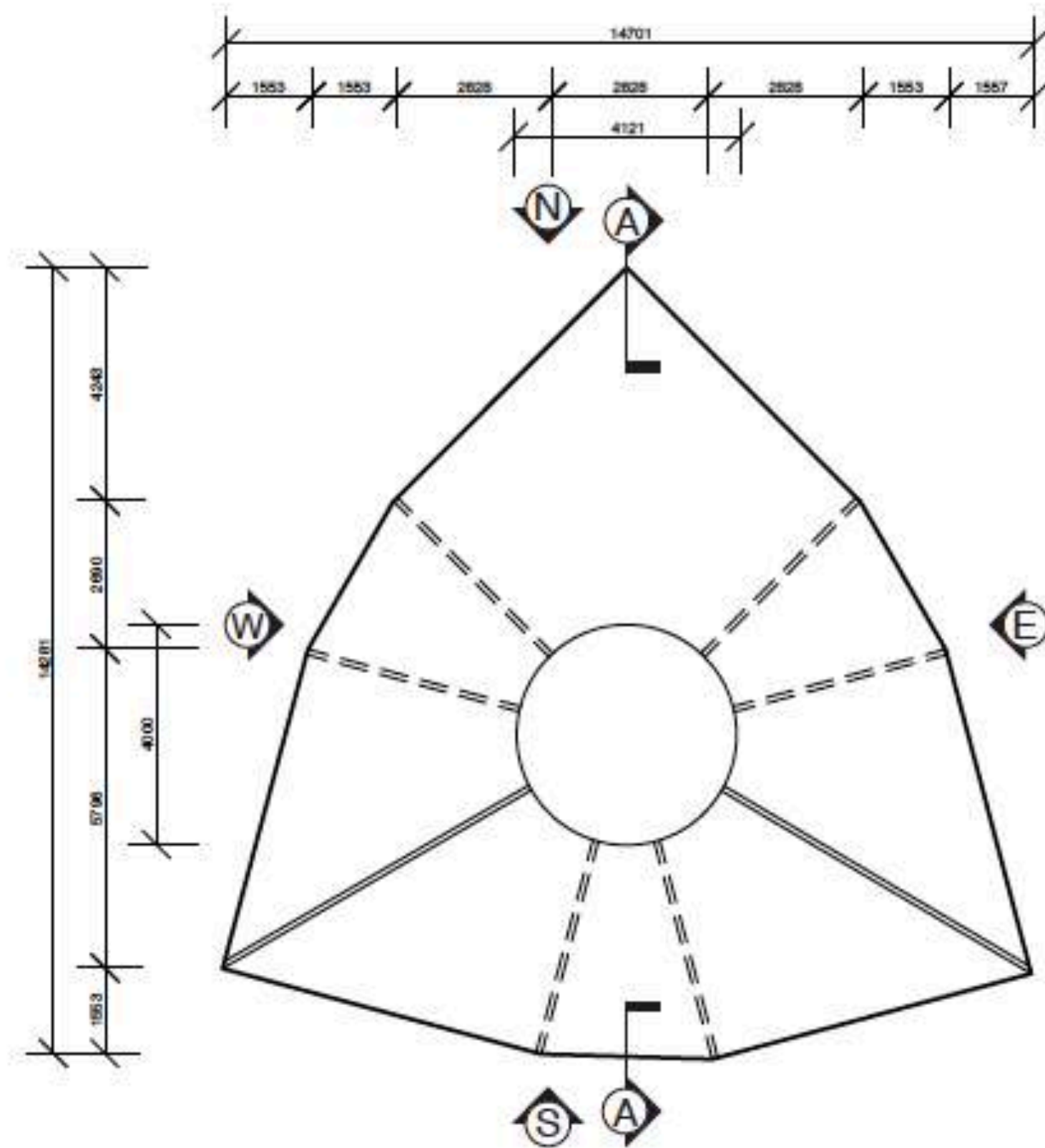
concept 2



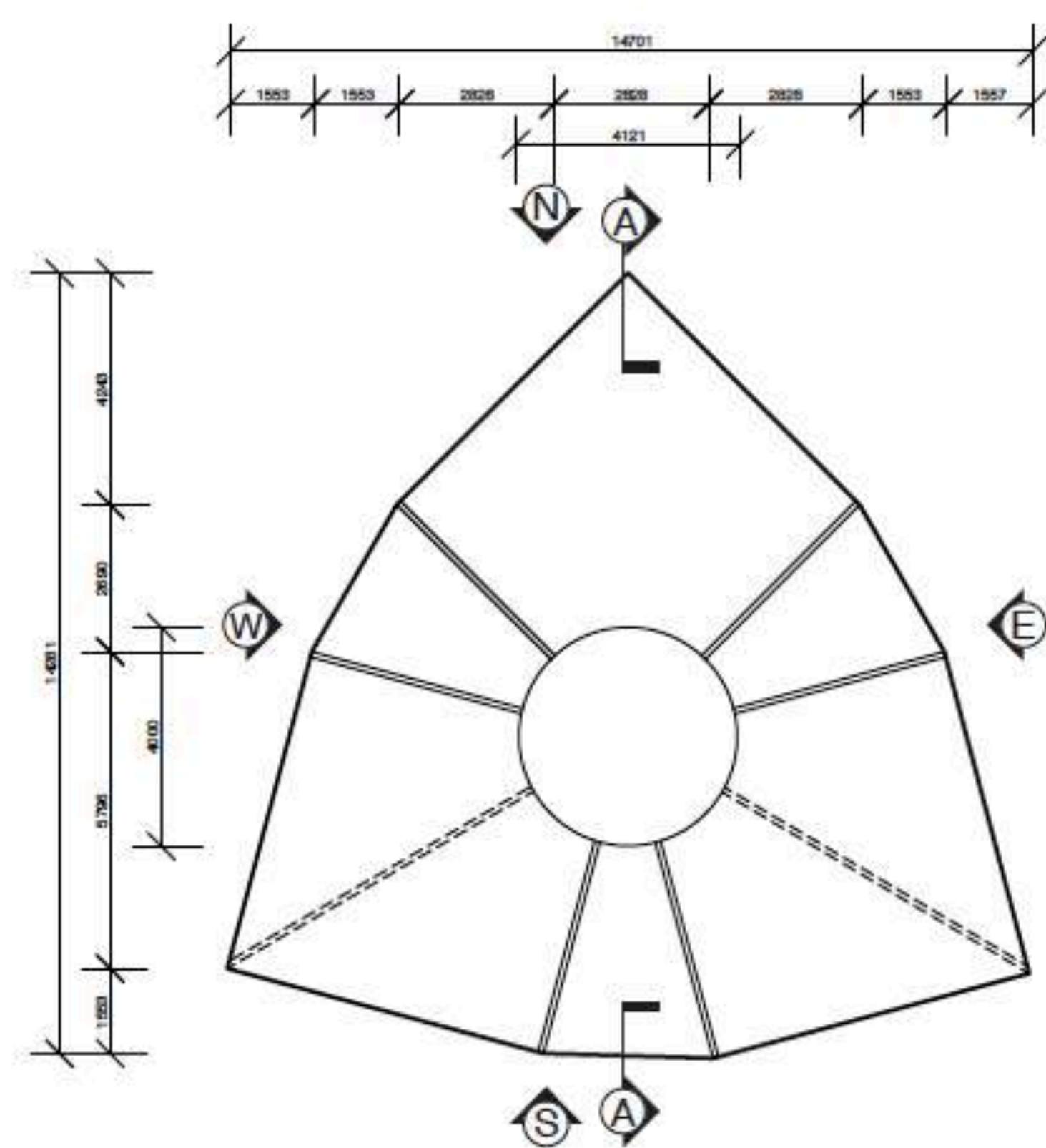




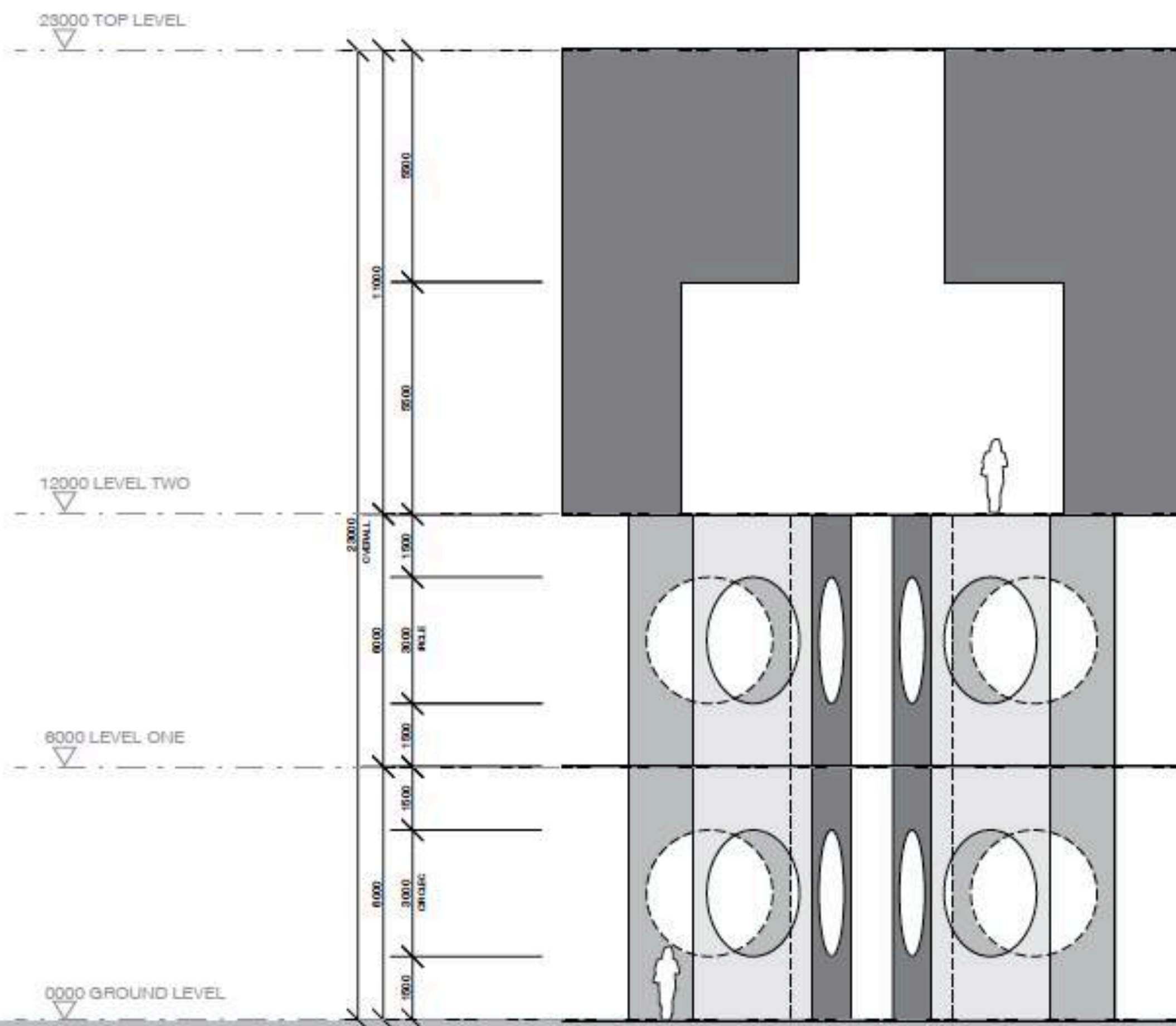
LEVEL ONE



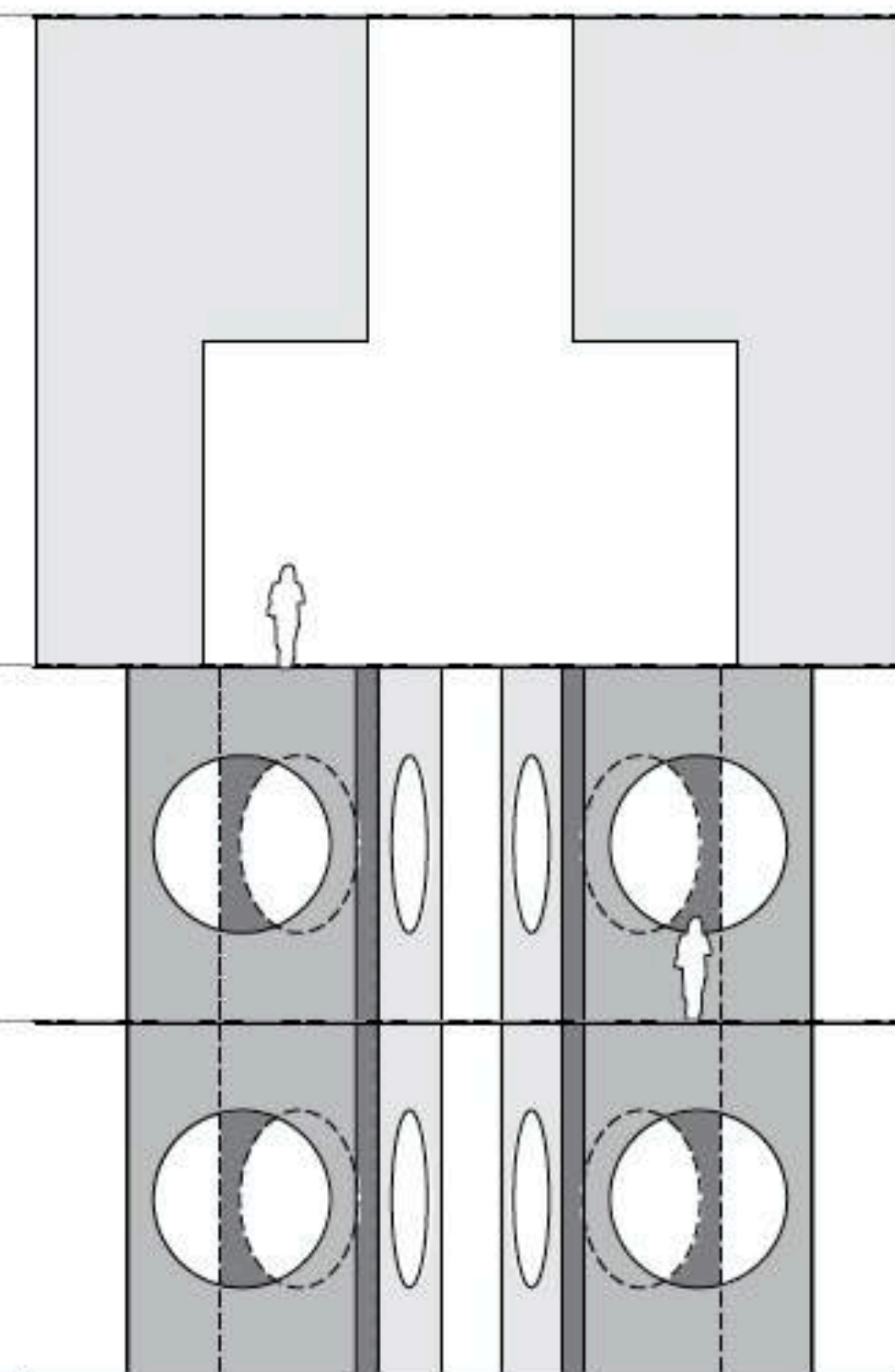
LEVEL TWO



LEVEL THREE



NORTH ELEVATION



SOUTH ELEVATION

ELEVATIONS 1:100



—▽—

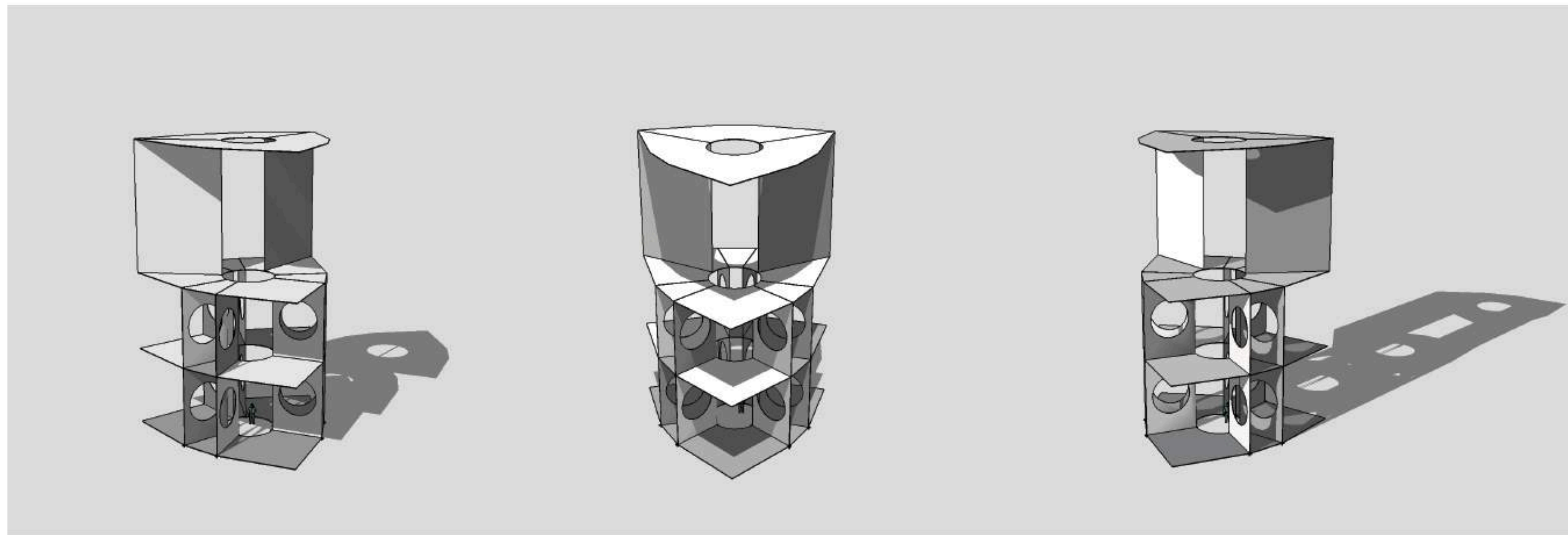
—▽—

△

—

ELEVATIONS + SECTION 1:100



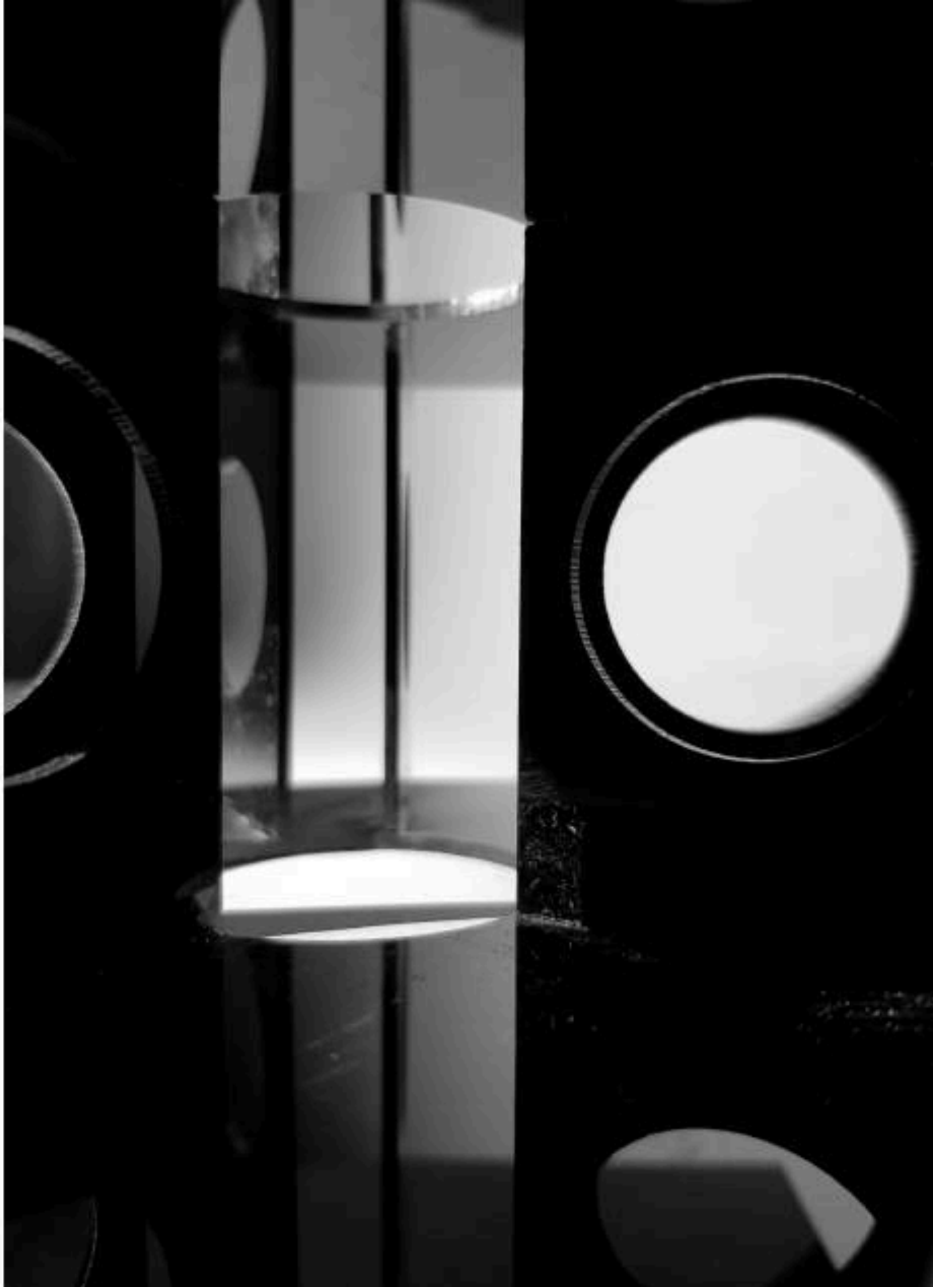


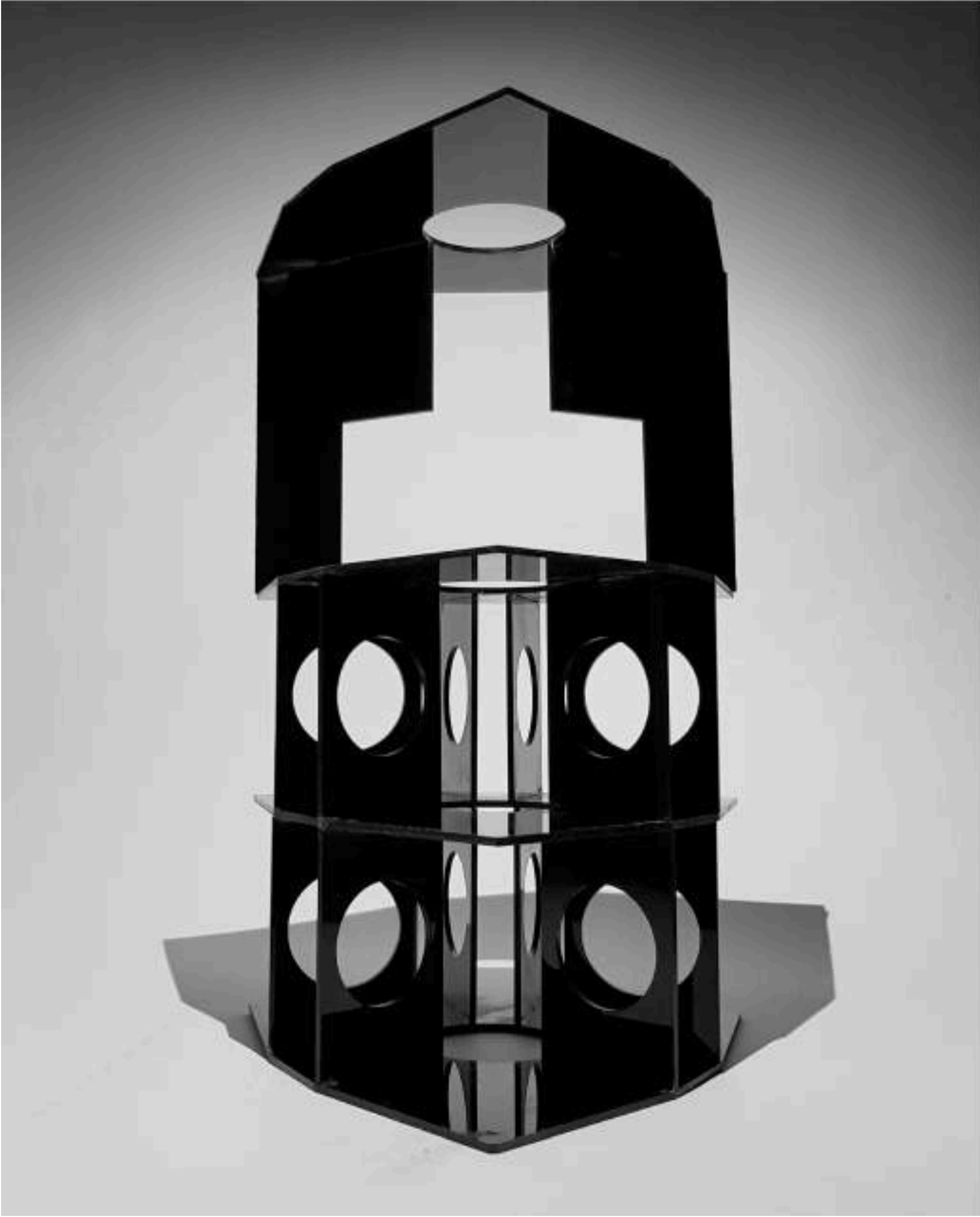
3D MODEL

3D MODEL

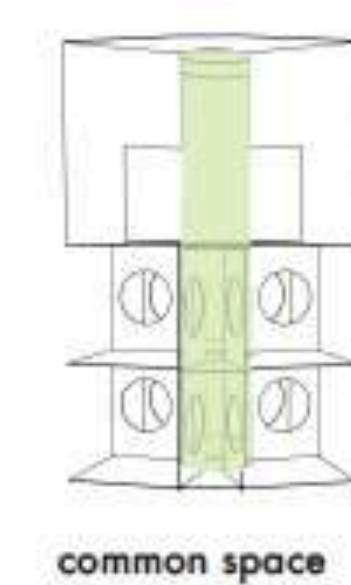
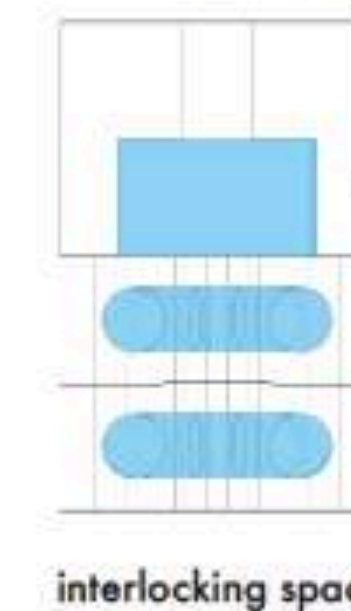
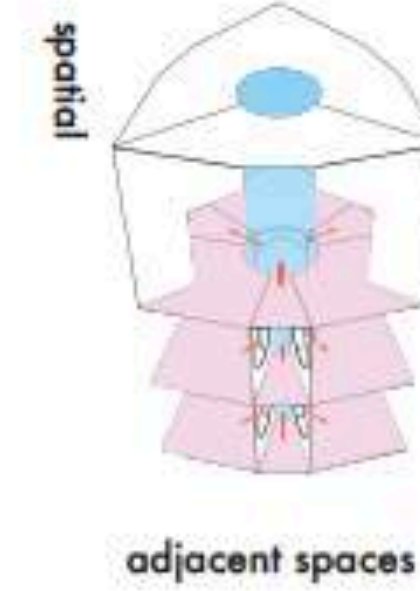
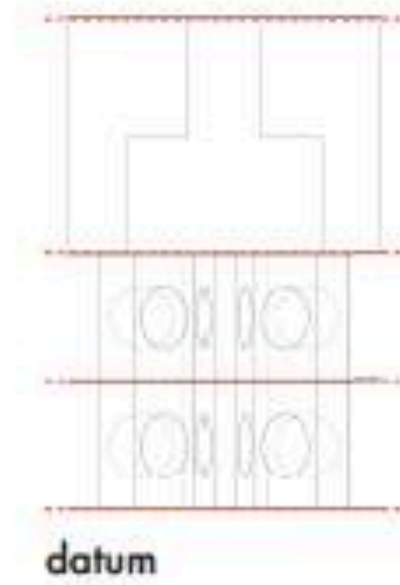
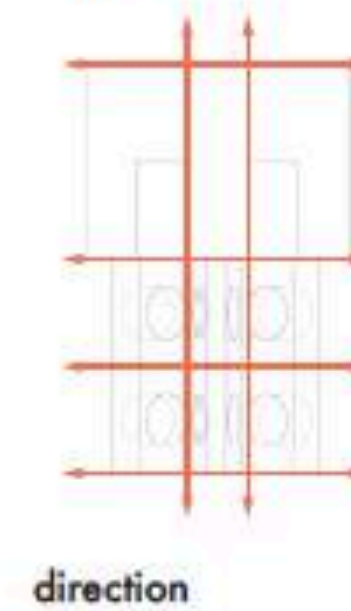
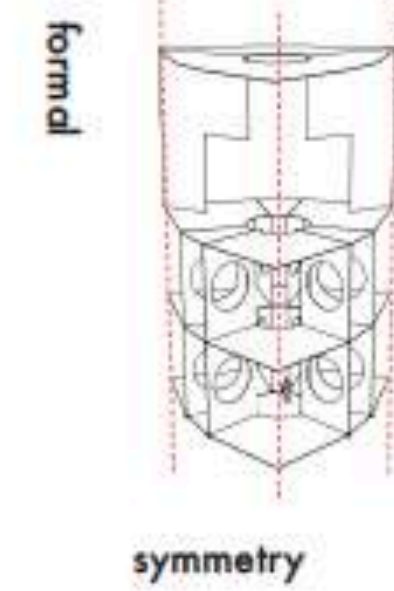
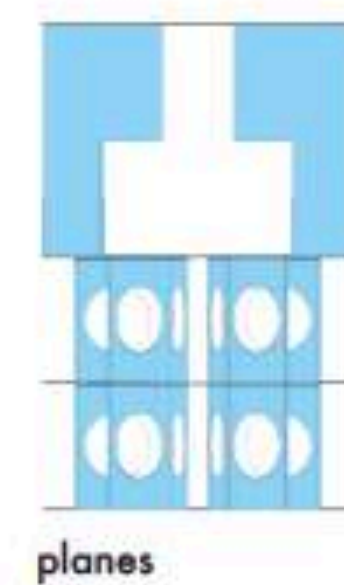
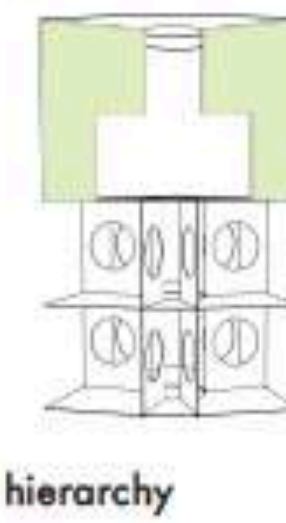
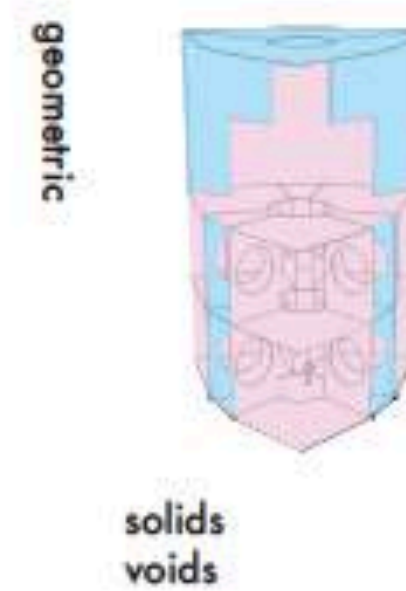
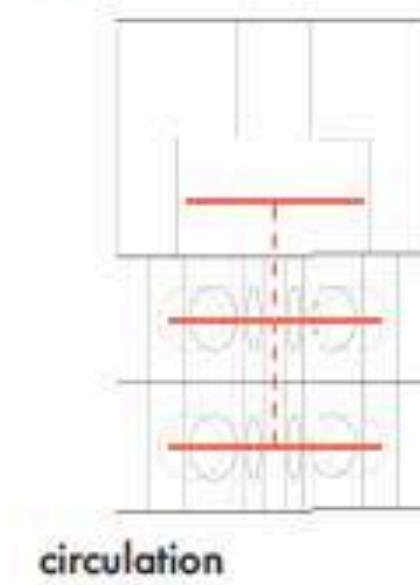
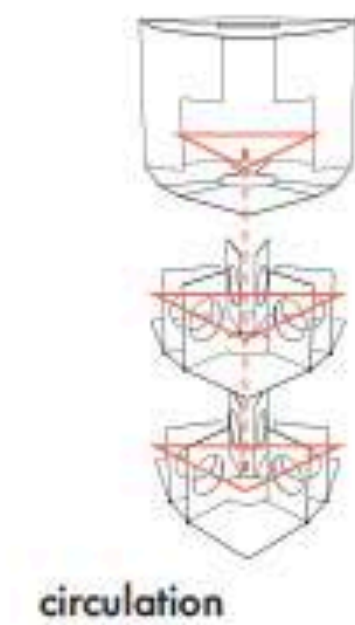
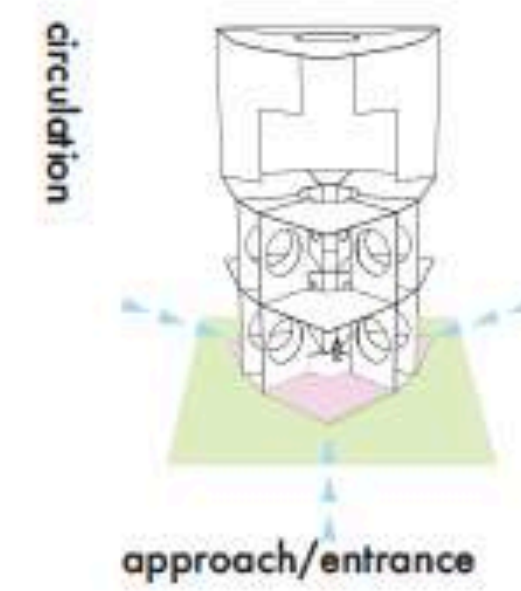
3D MODEL

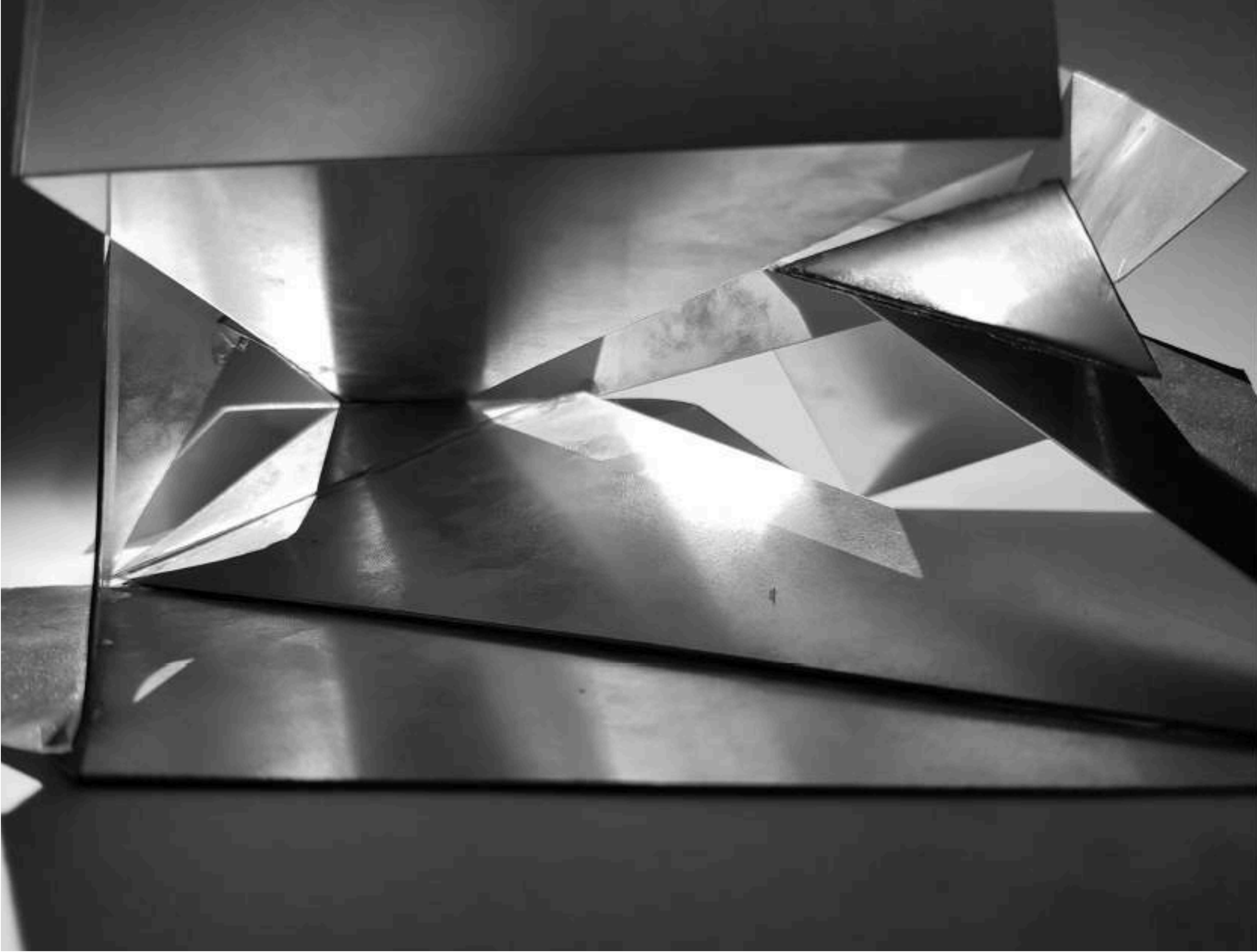
3D MODEL NT







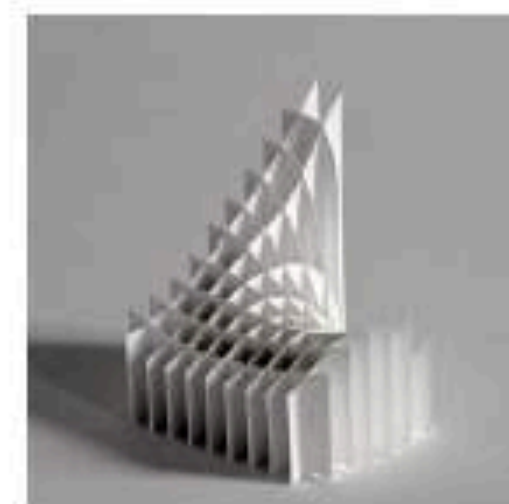




## INTRODUCTION TASK 2B - METAL

TASK 2B WAS A PROJECT USING THE PRINCIPLES OF DIAGONAL PLANES TO CREATE A DYNAMIC STRUCTURE OUT OF METAL WITH THREE LEVELS FOR PEOPLE TO INHABIT.





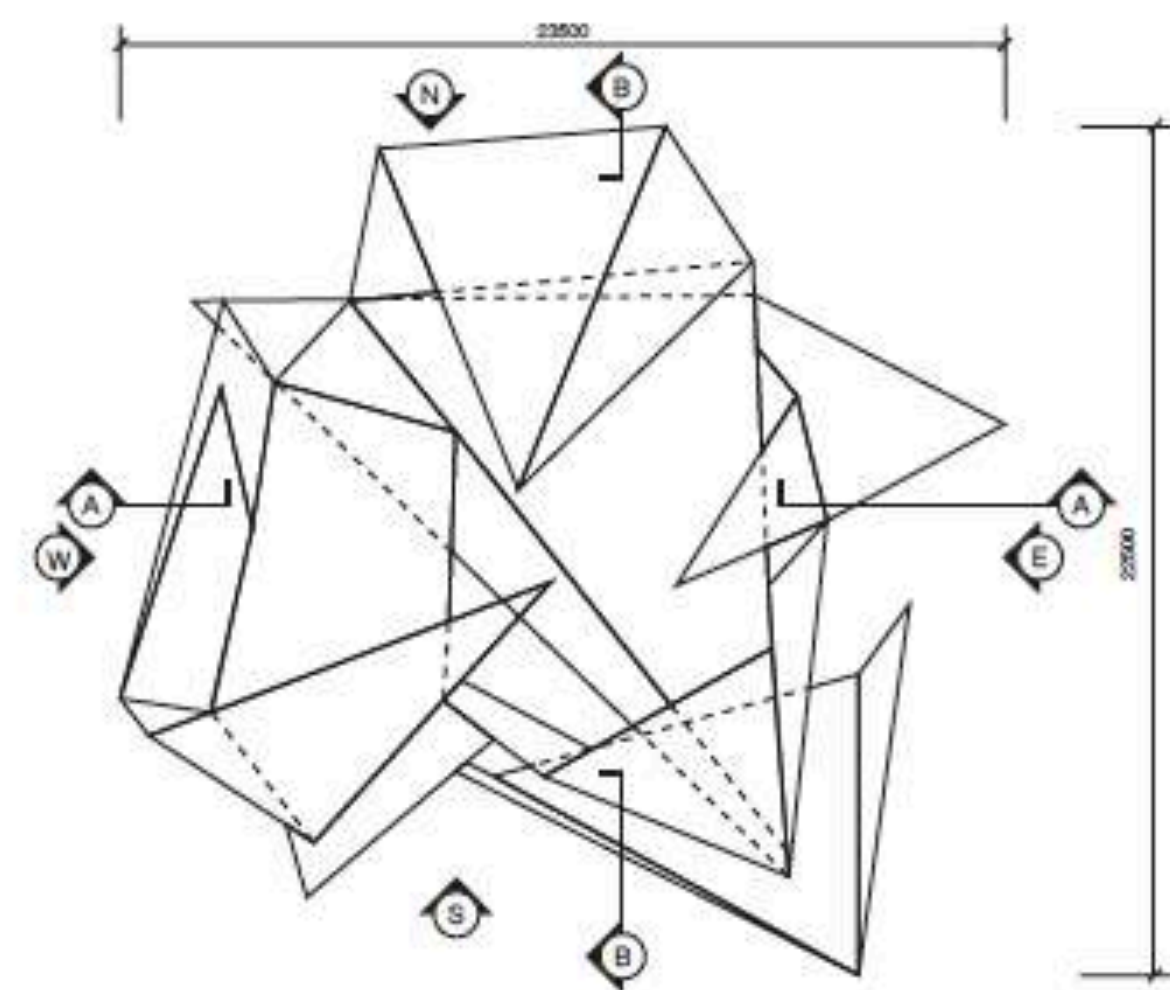
concept models



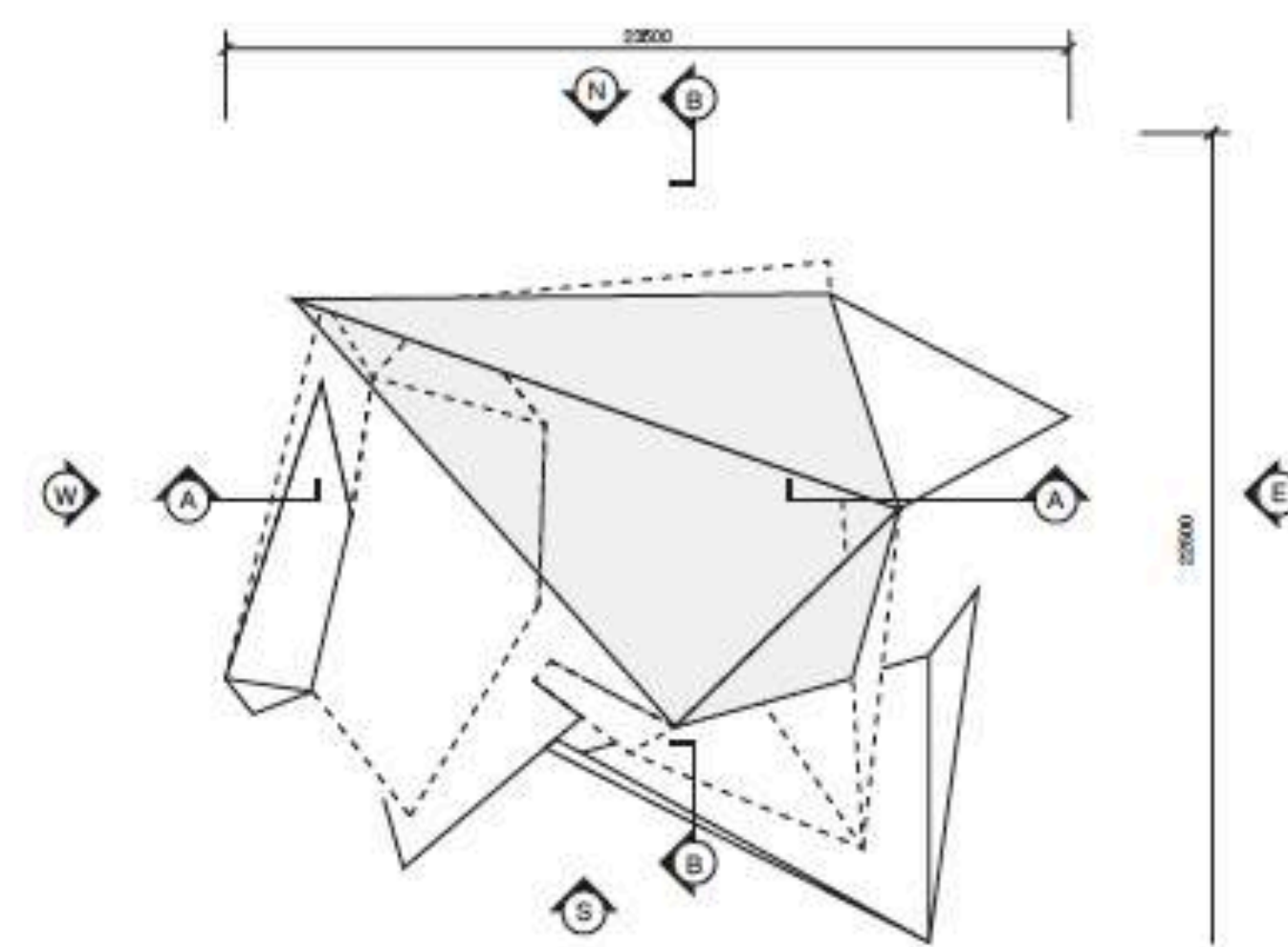
concept models



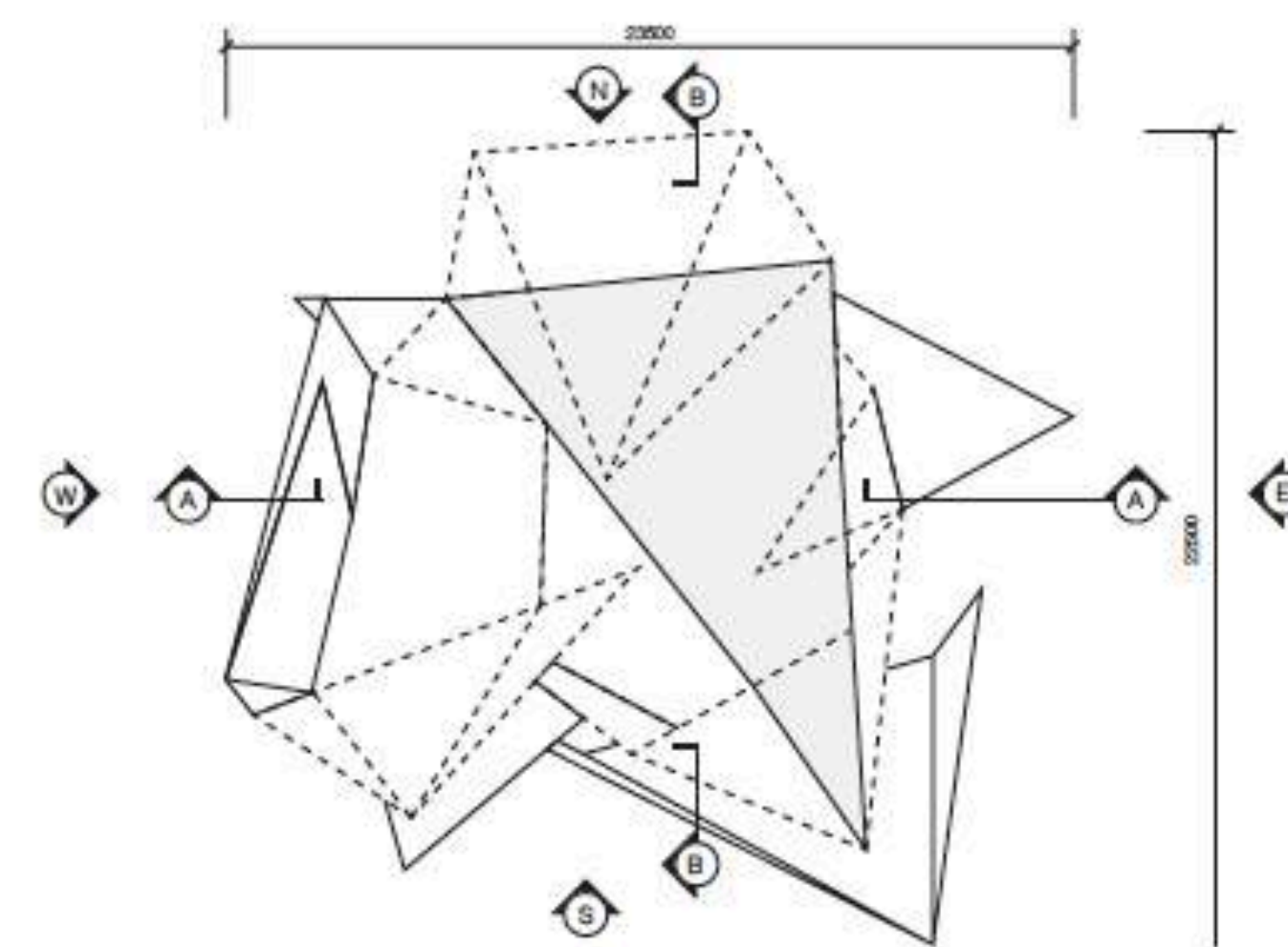




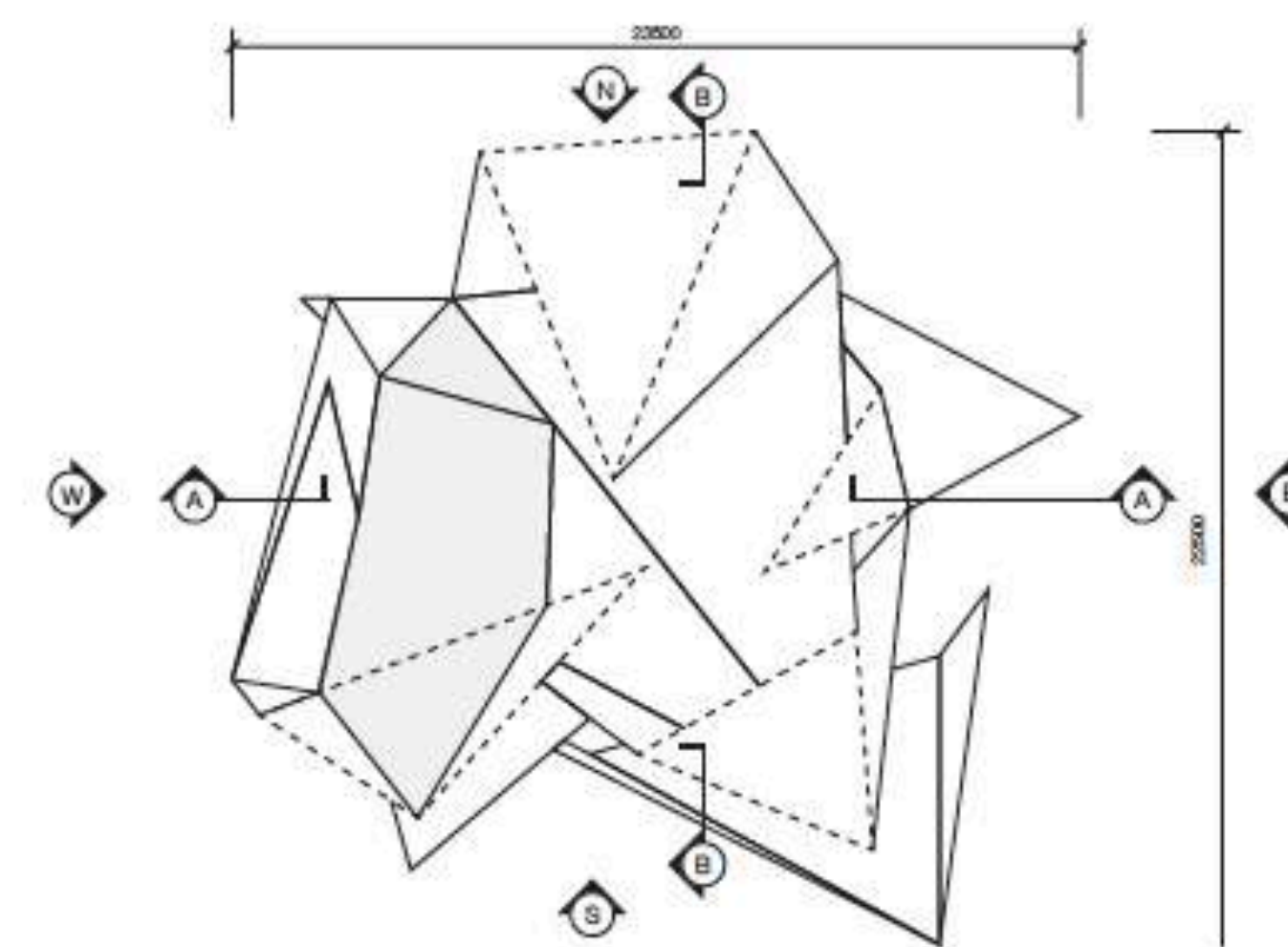
AERIAL



LEVEL ONE

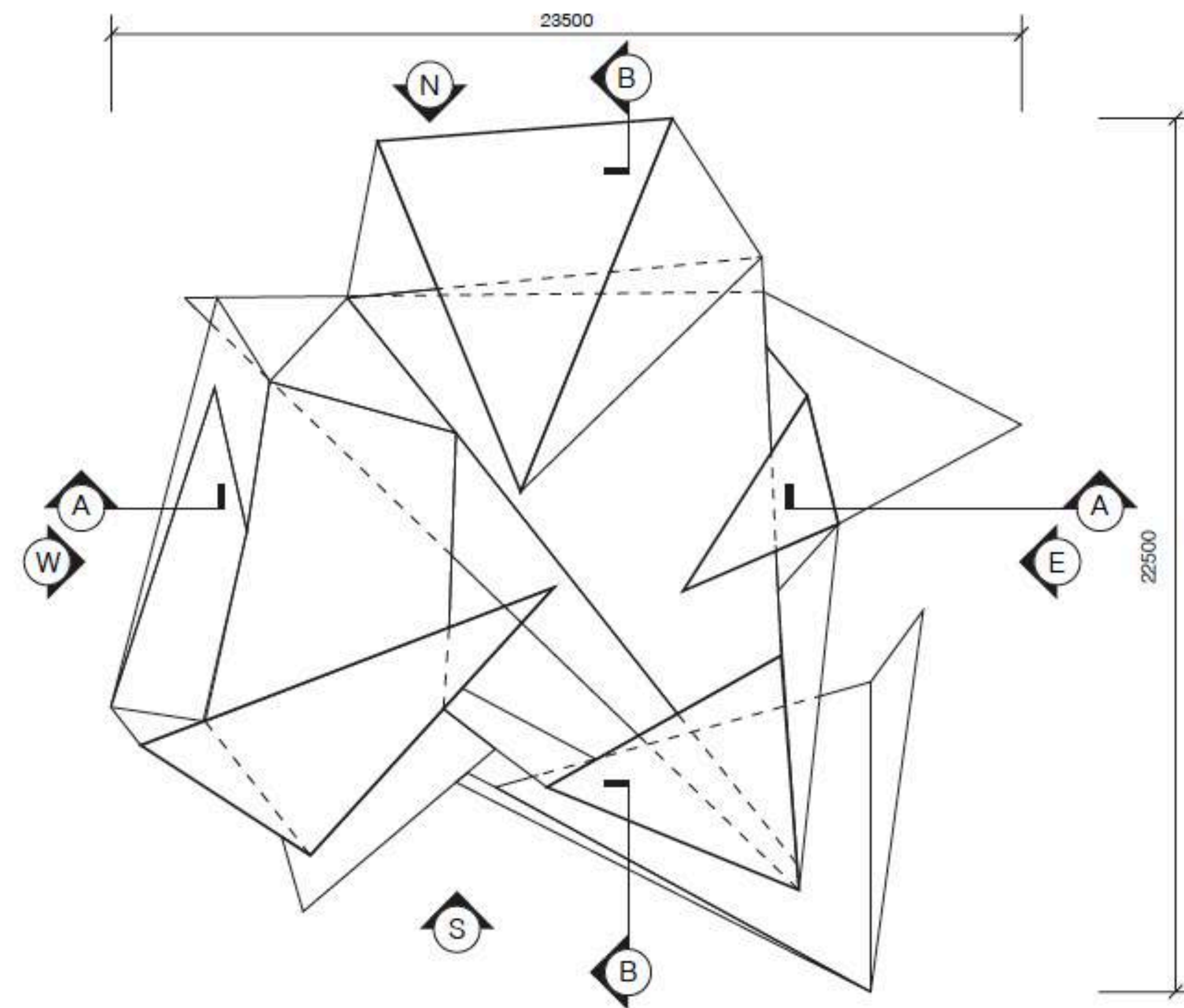


LEVEL TWO

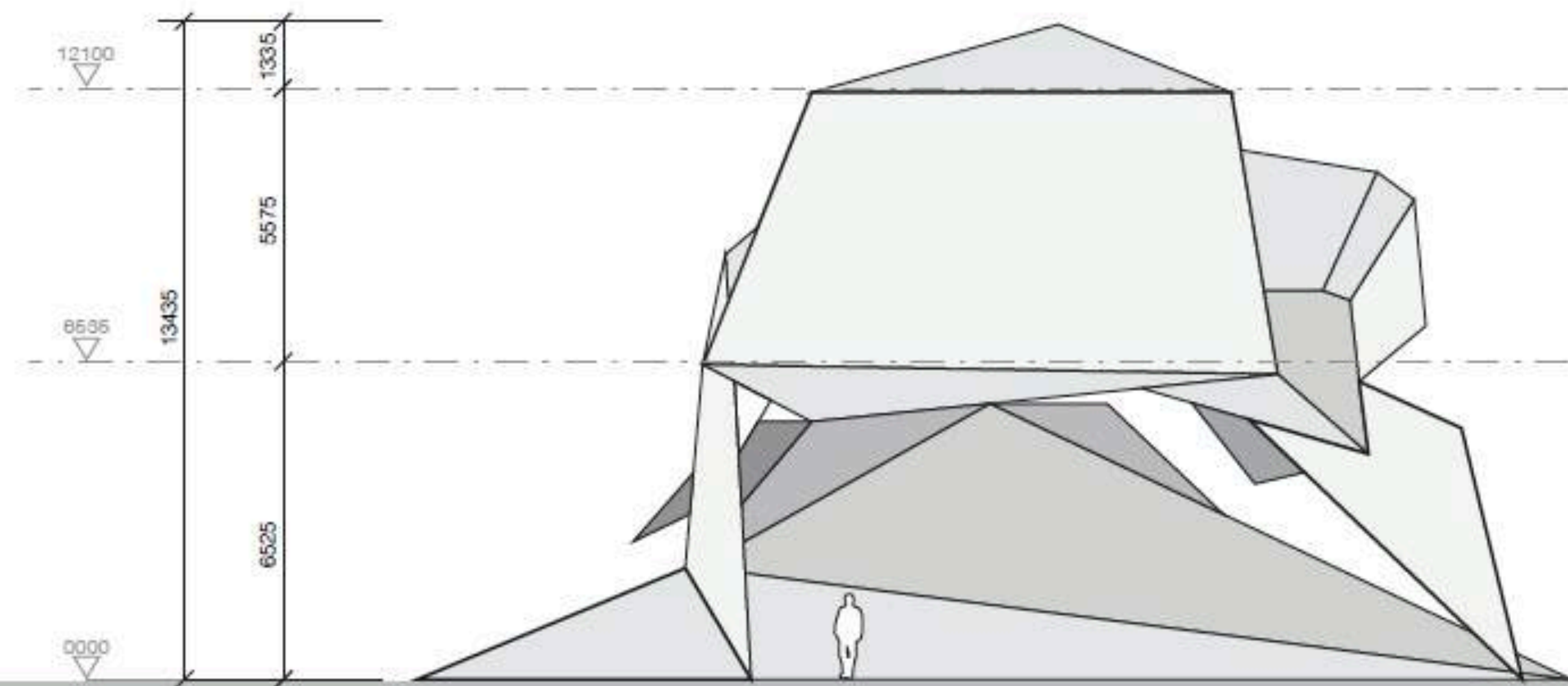


LEVEL THREE

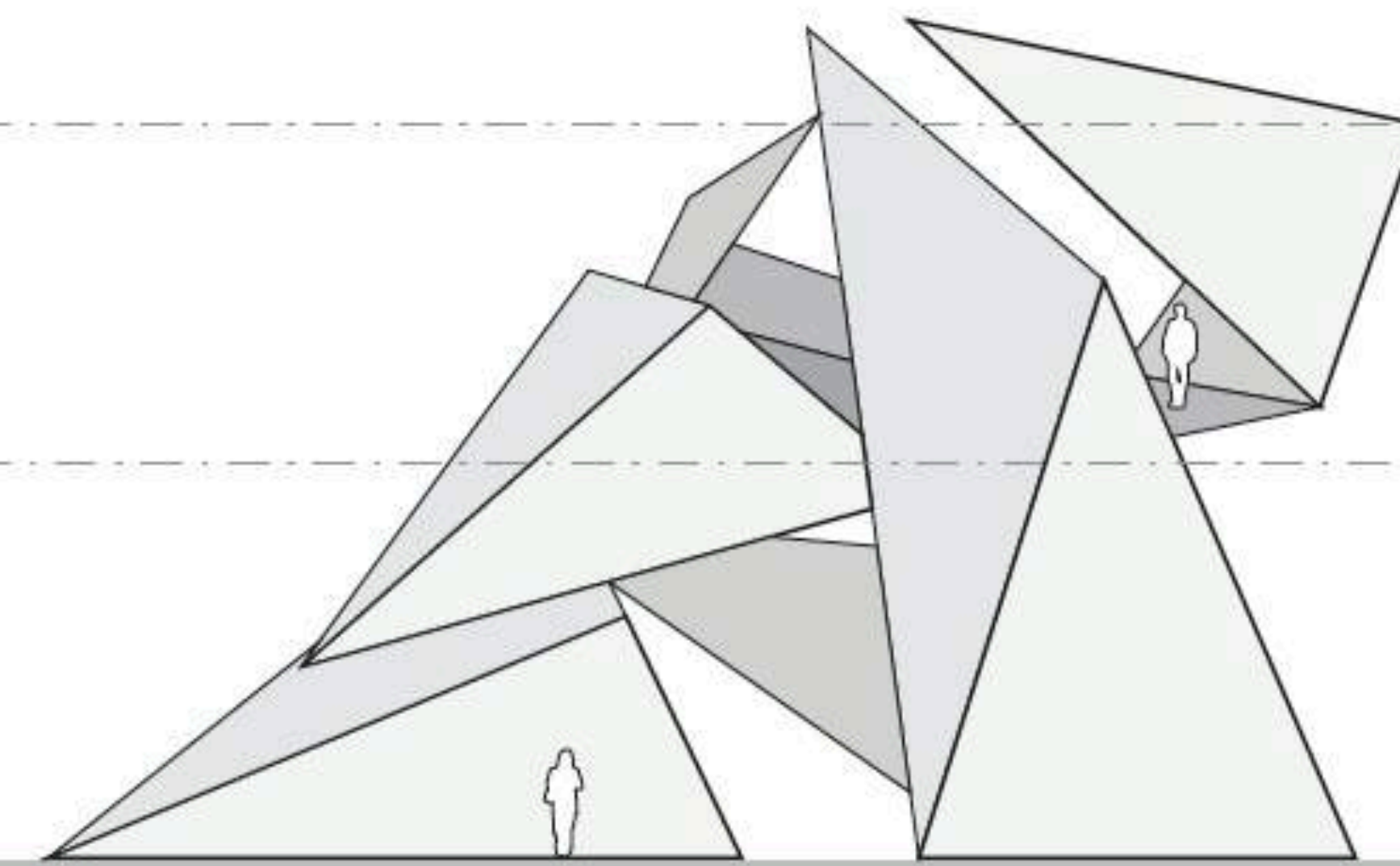
PLANS 1:200





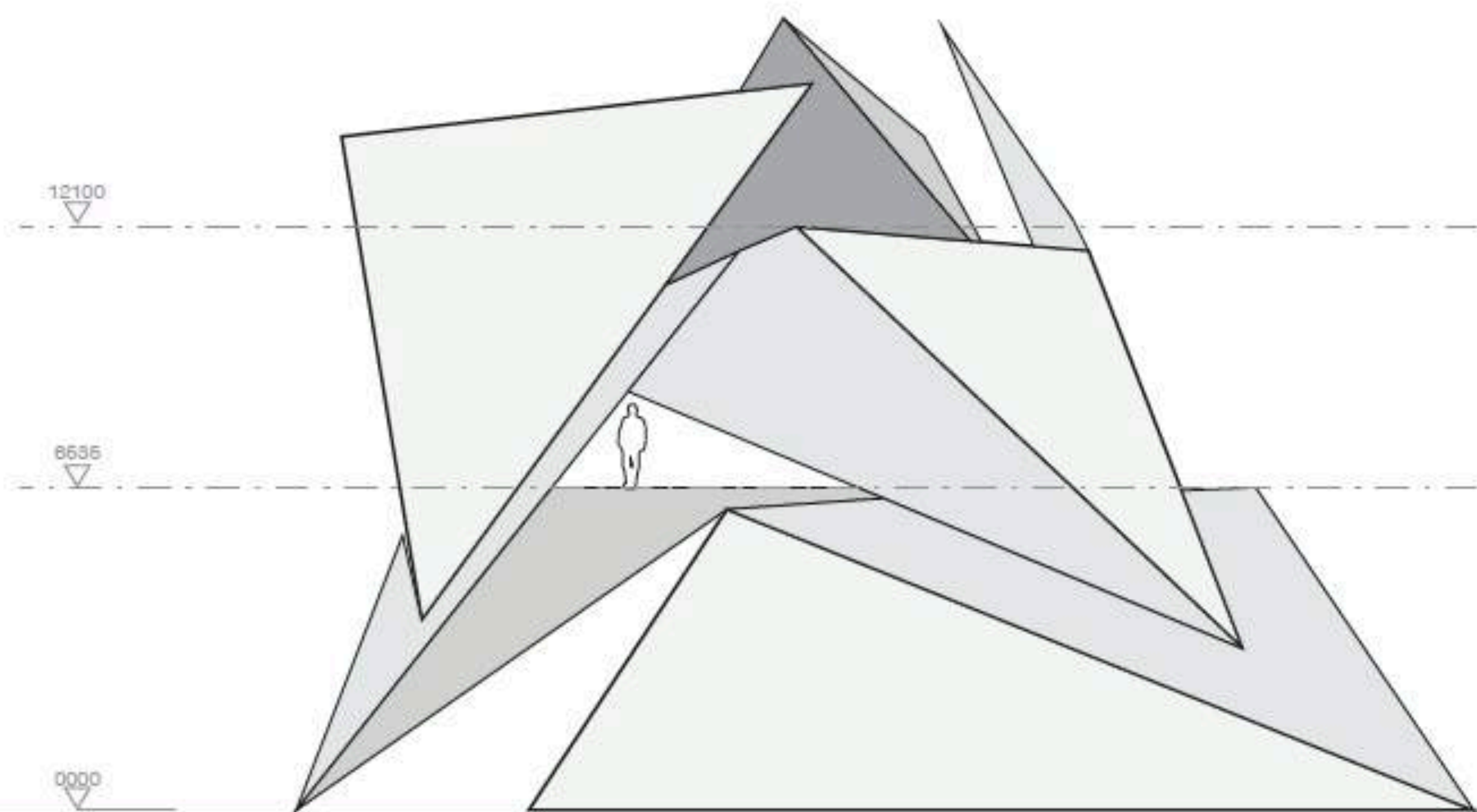


NORTH ELEVATION

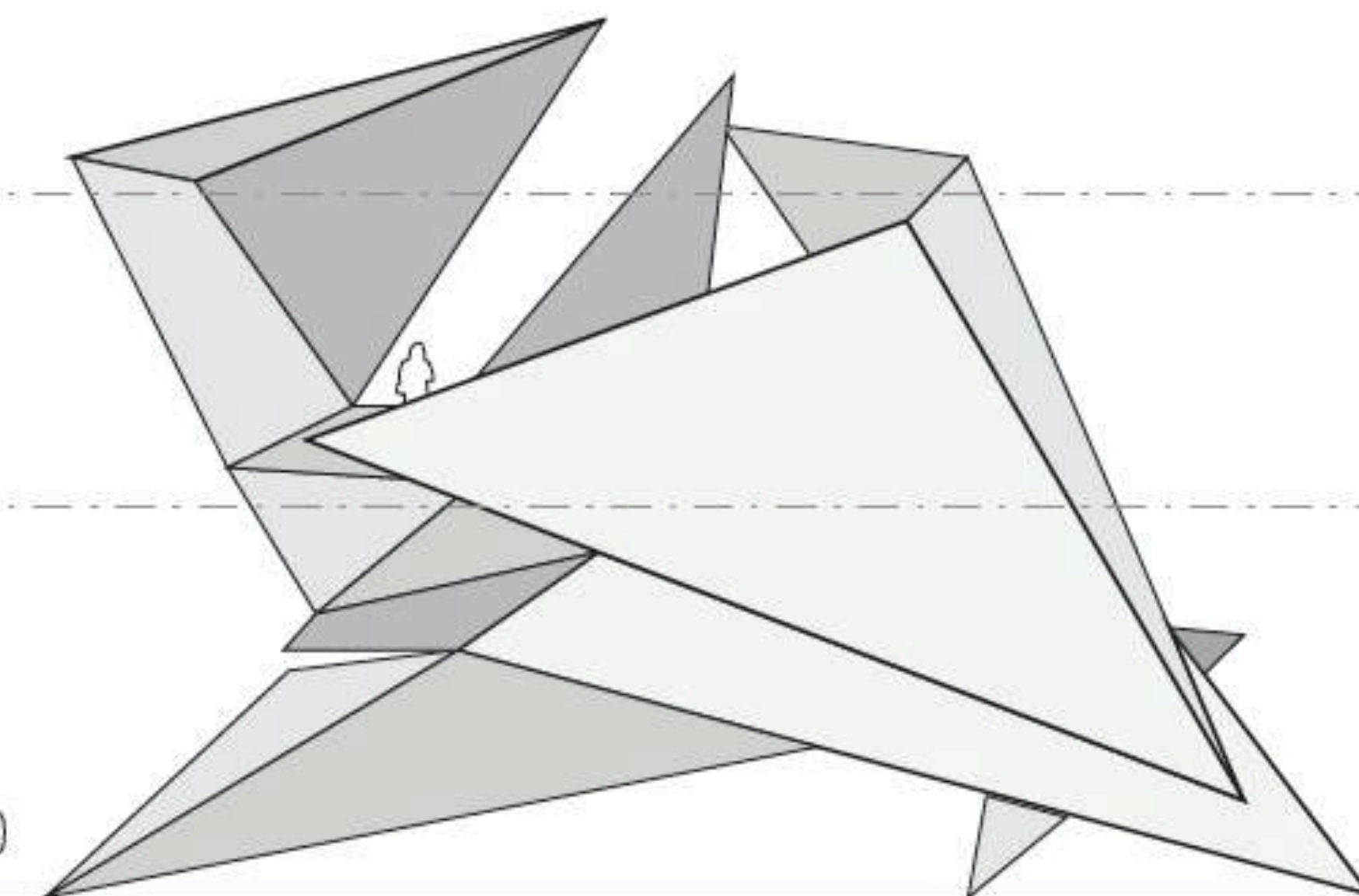


EAST ELEVATION

ELEVATIONS 1:100



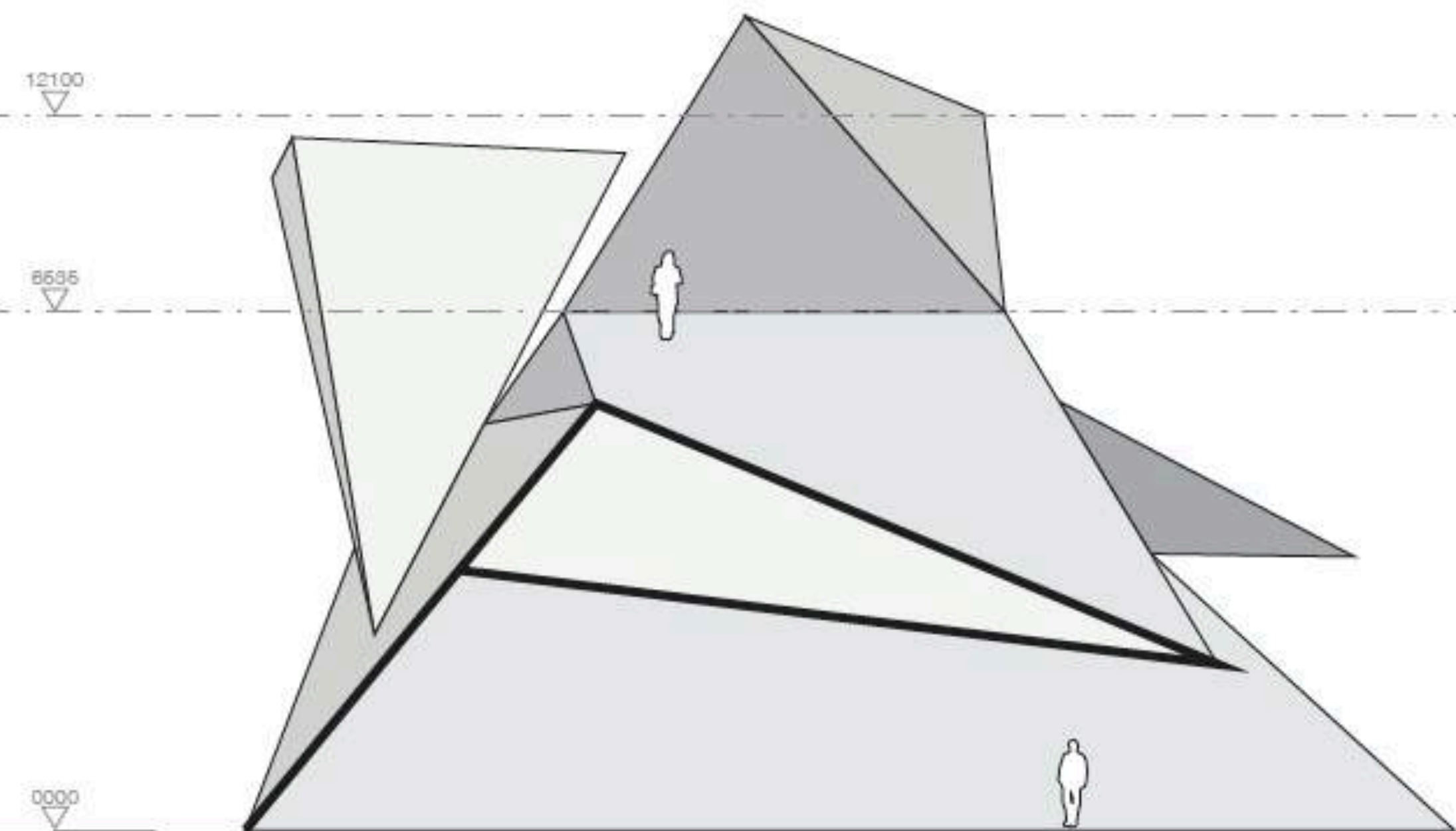
SOUTH ELEVATION



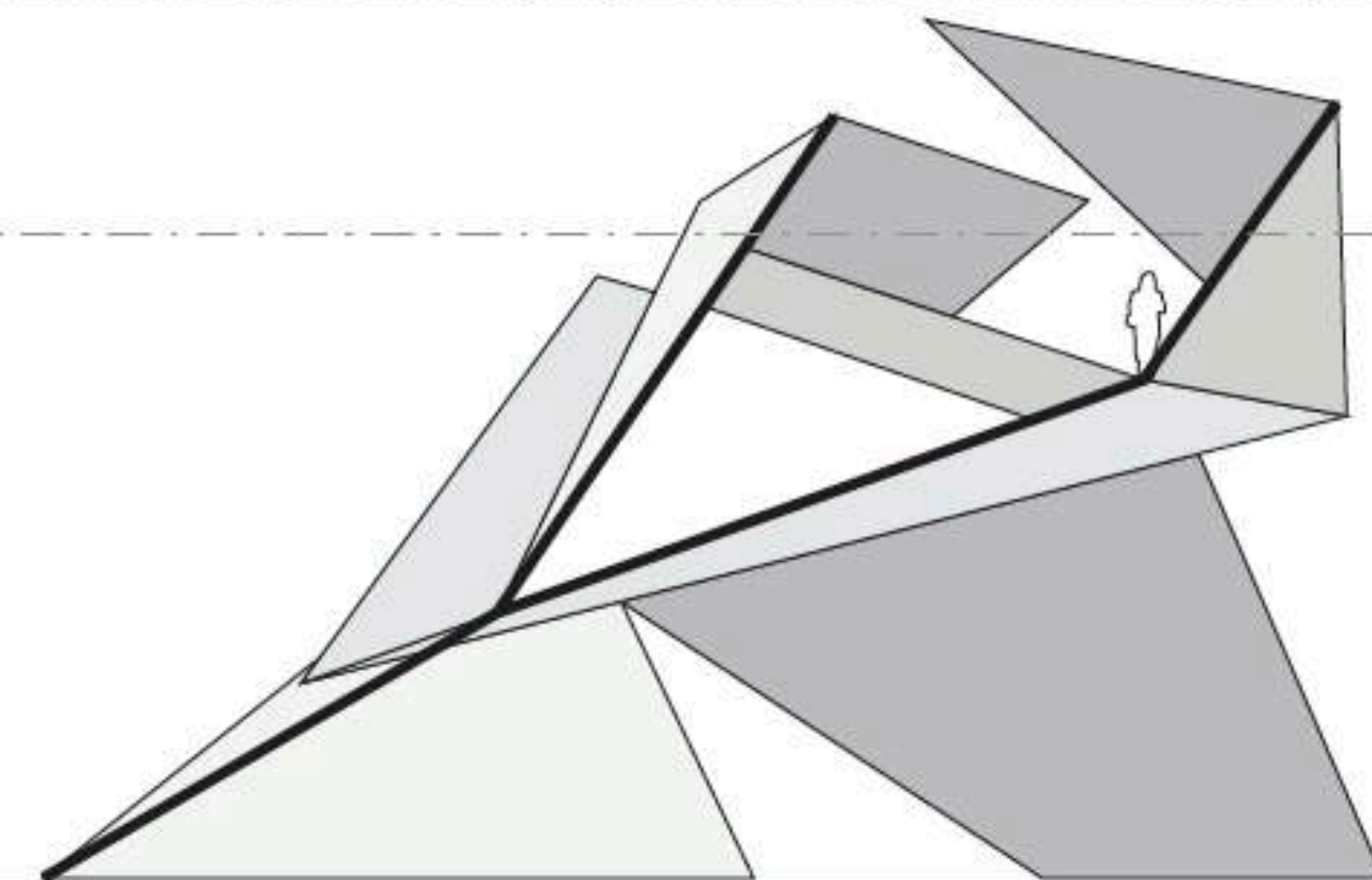
WEST ELEVATION

ELEVATIONS 1:100



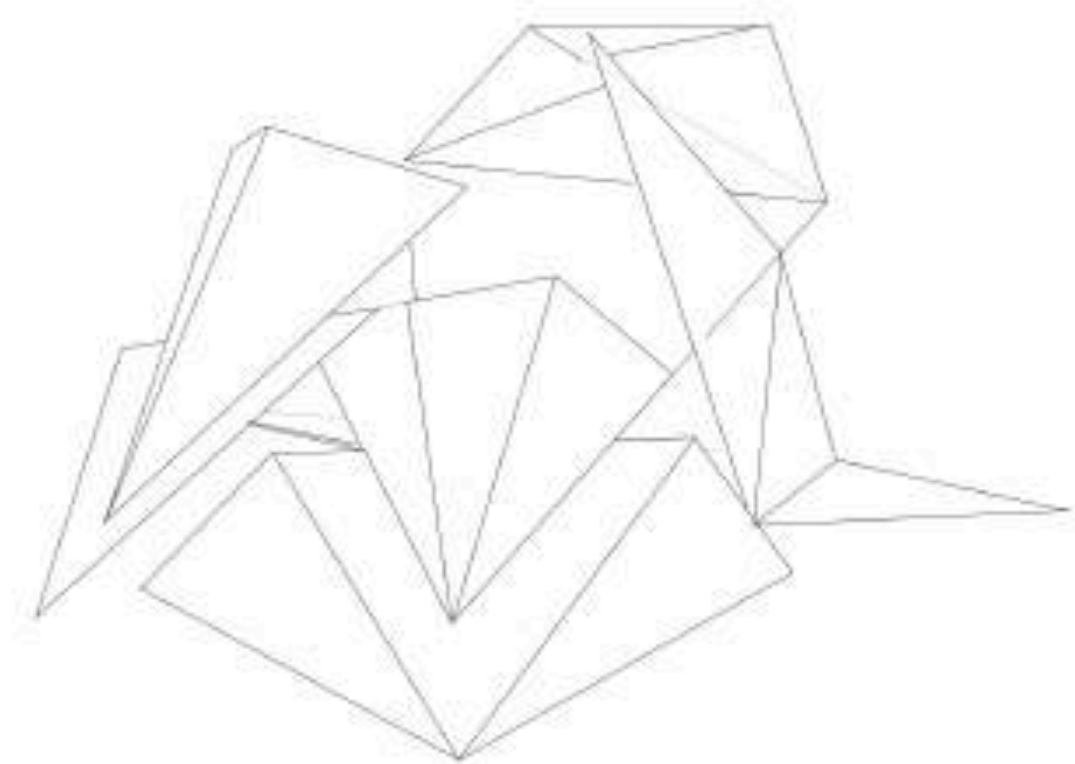


SECTION A

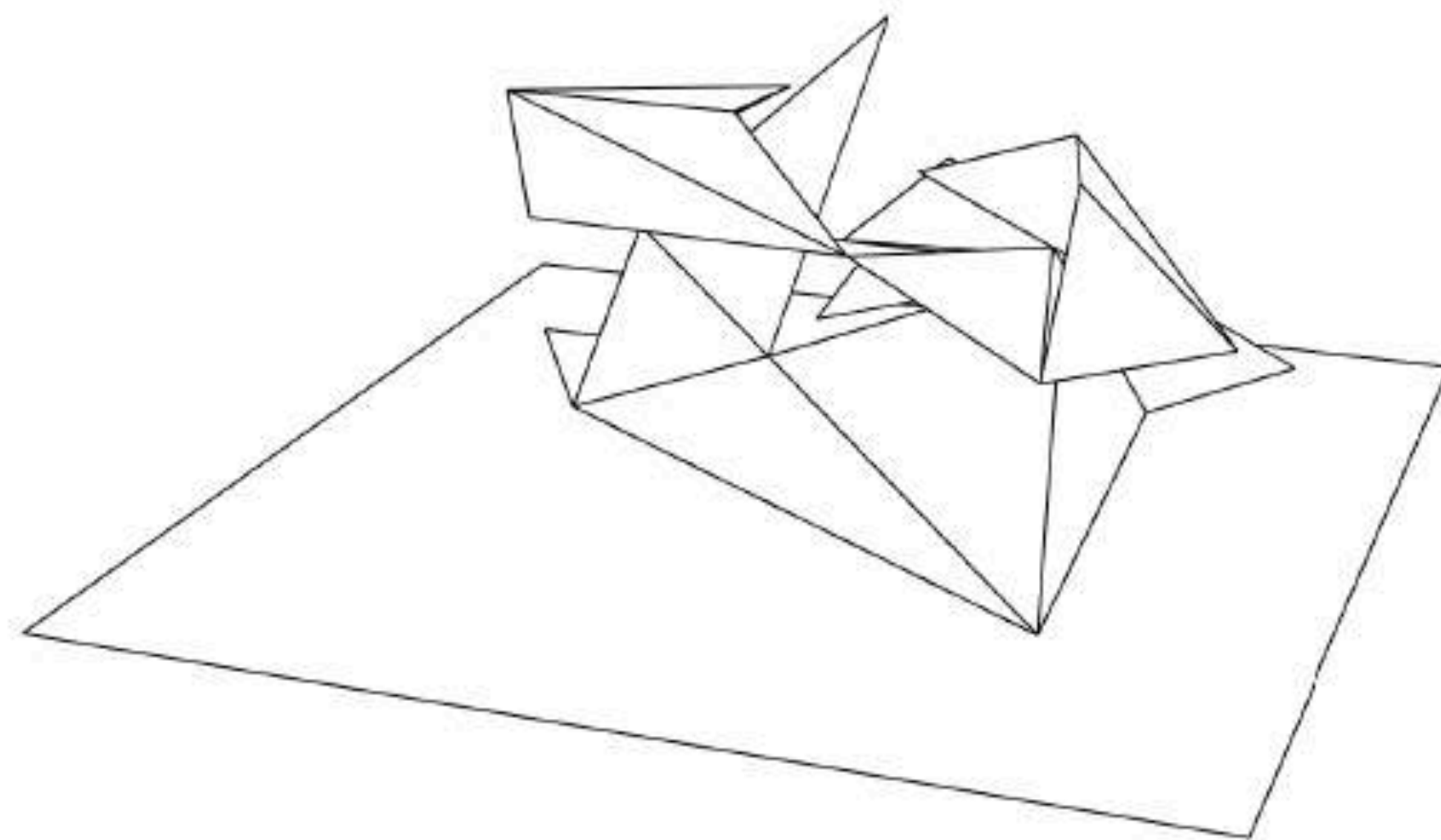


SECTION B

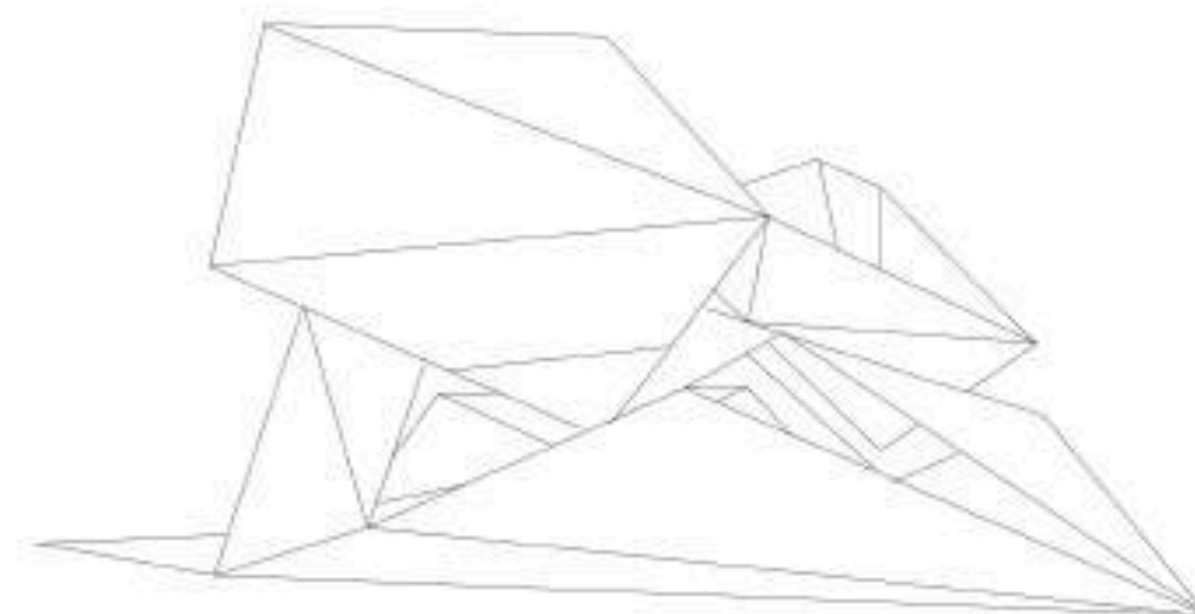
SECTIONS 1:100



3D MODEL NTS

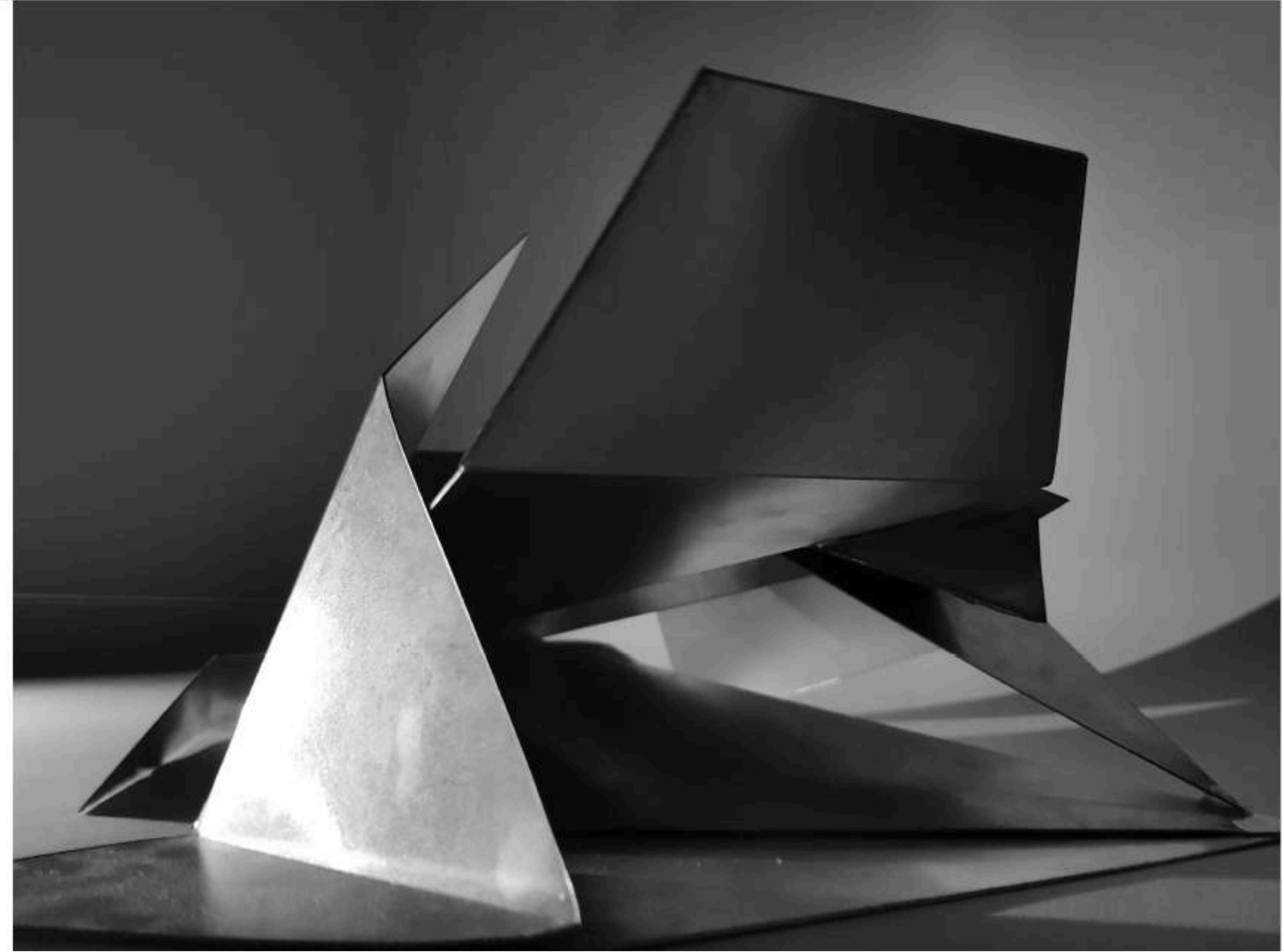
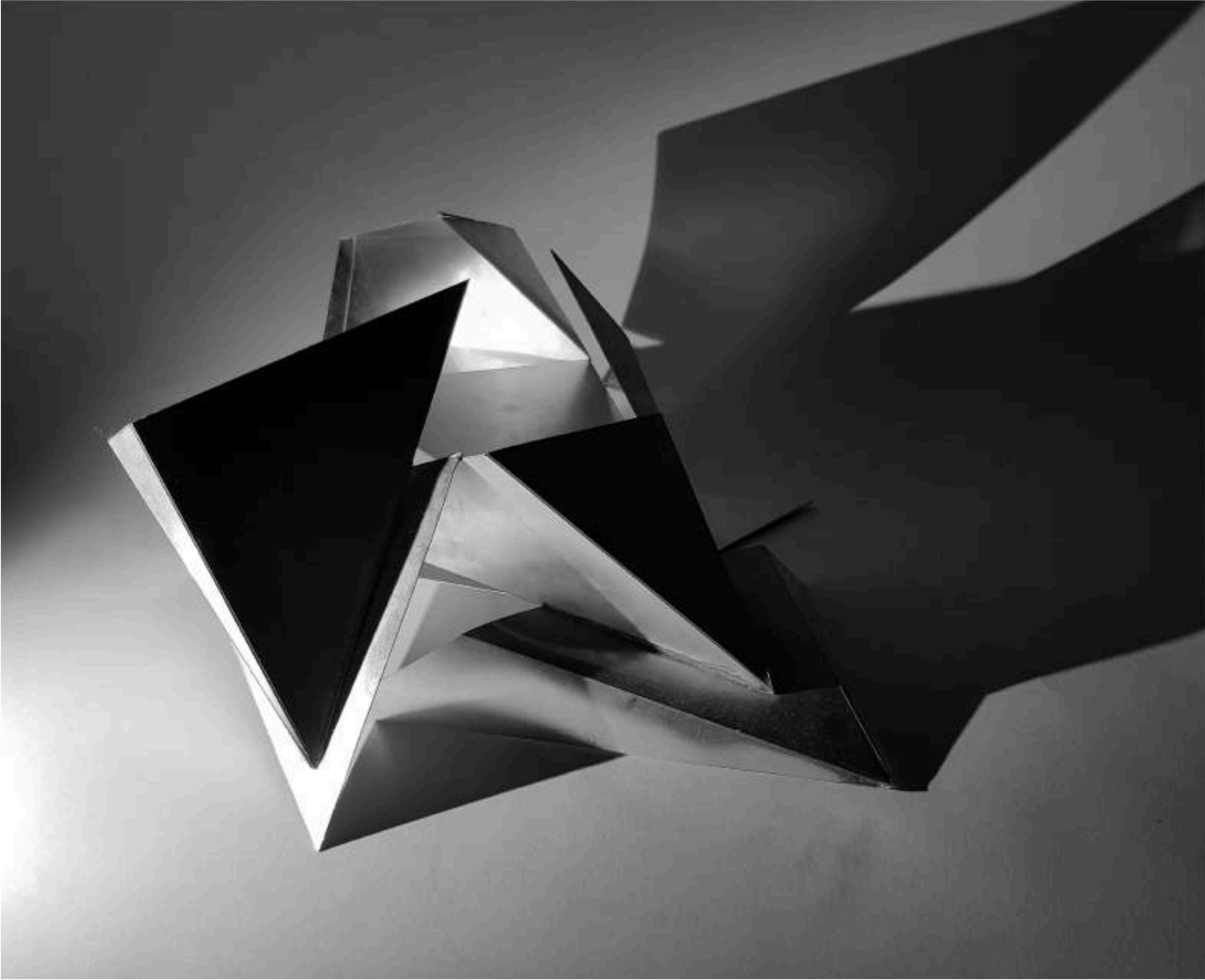


3D MODEL NTS

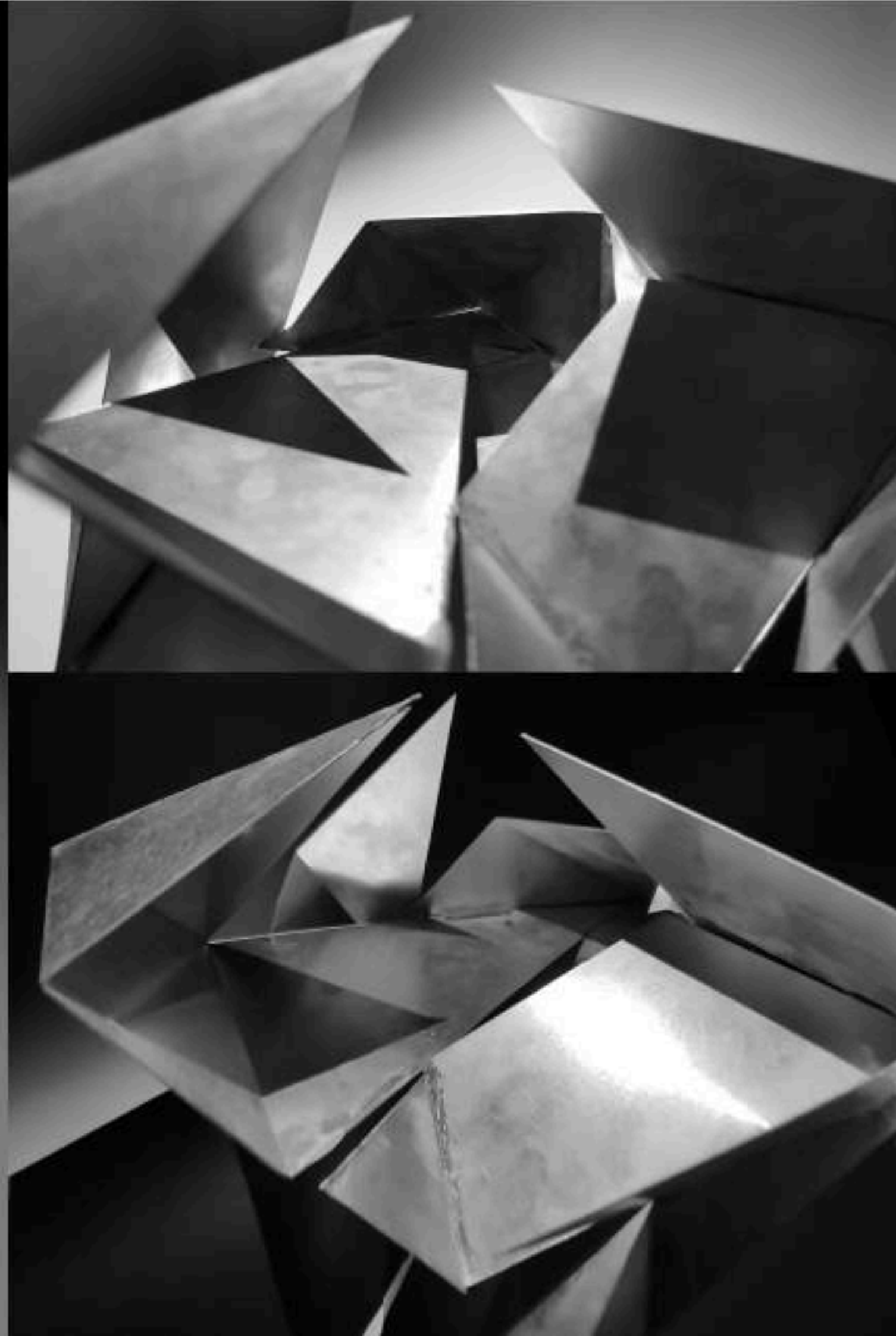
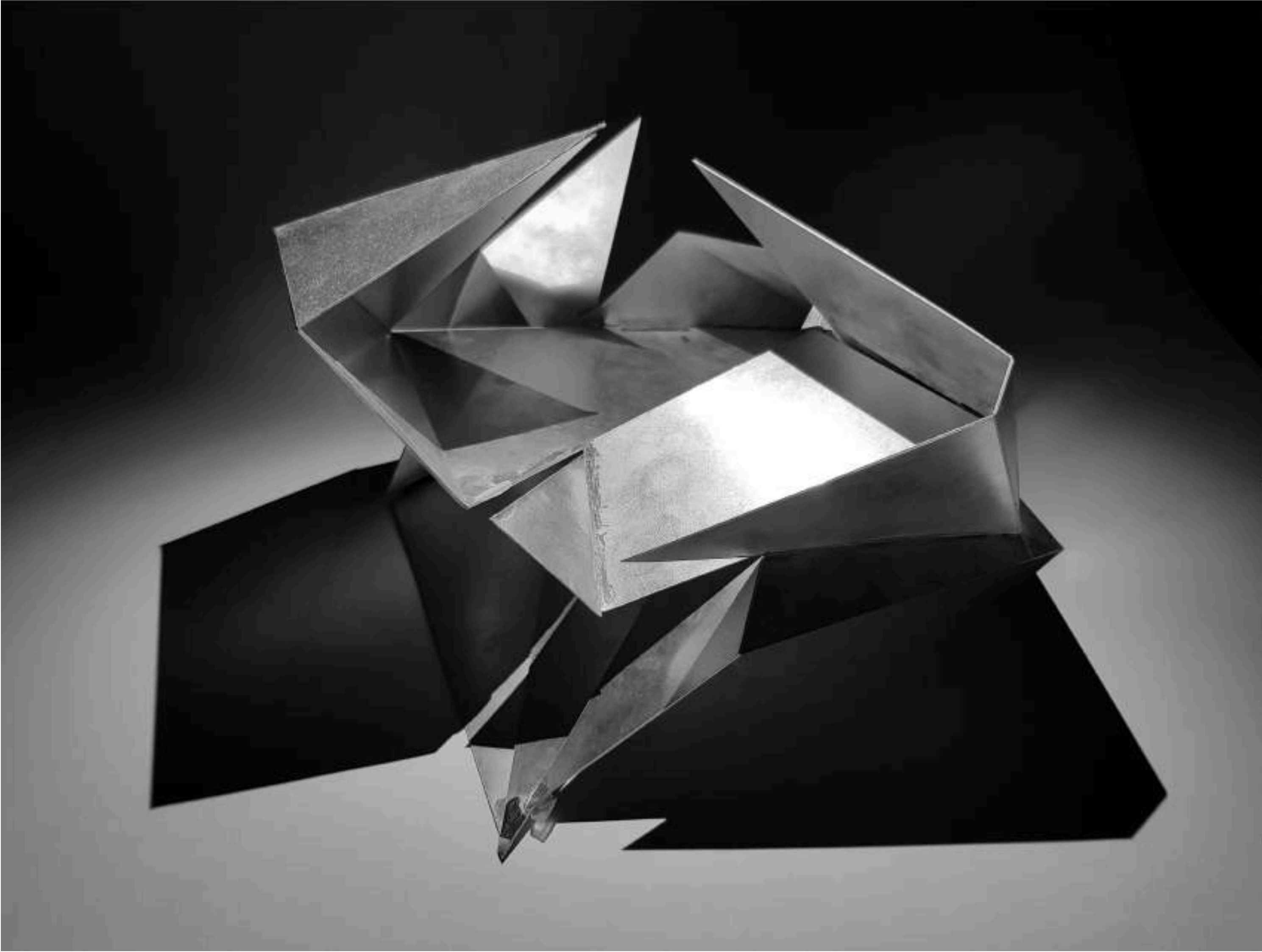


3D MODEL NTS

3D MODEL NTS

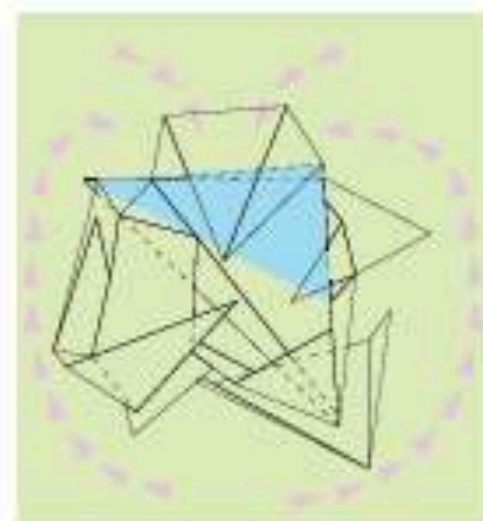




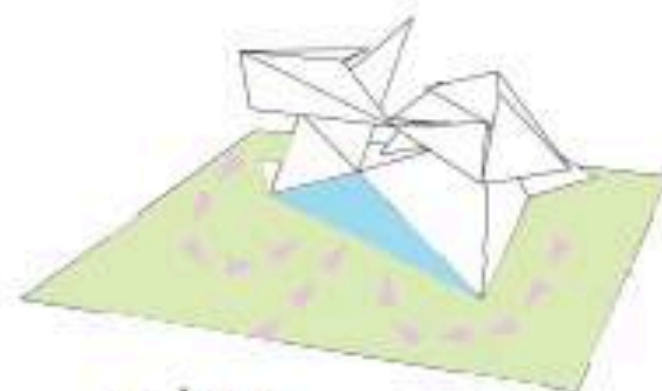




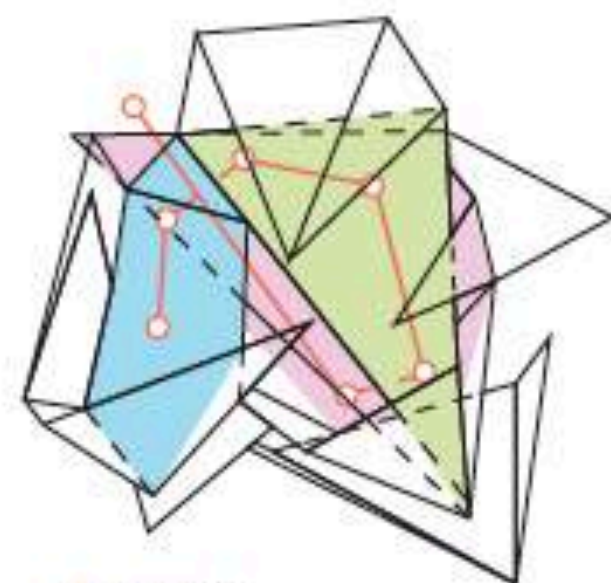
circulation



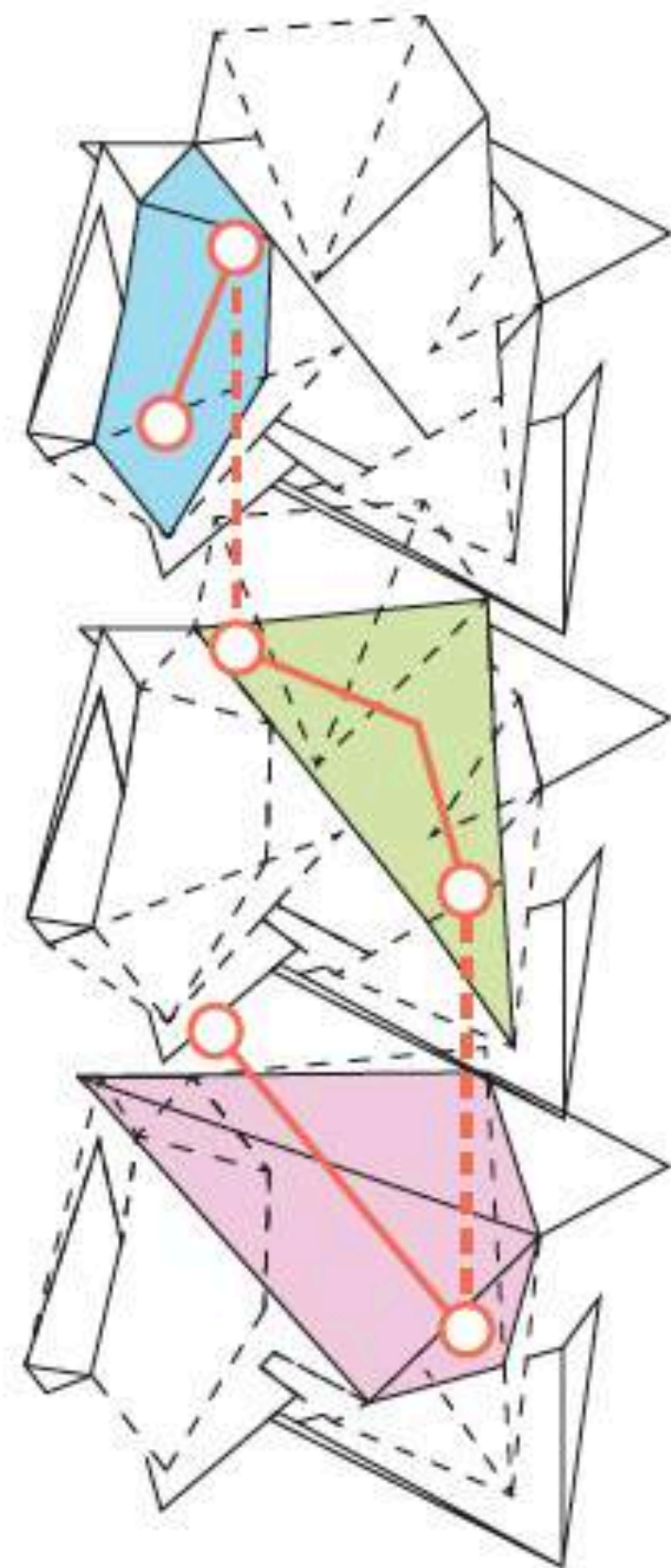
approach



entrance



transition



circulation

geometric



shapes



planes



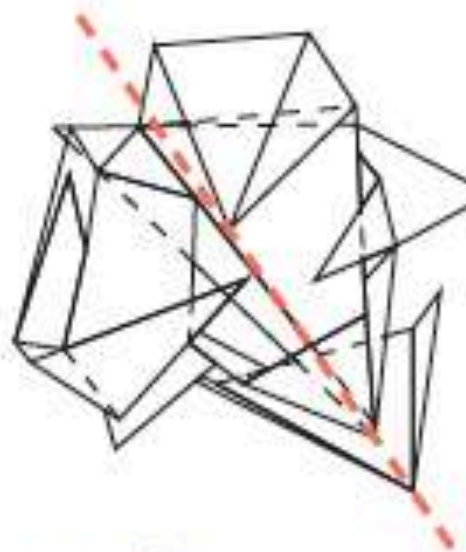
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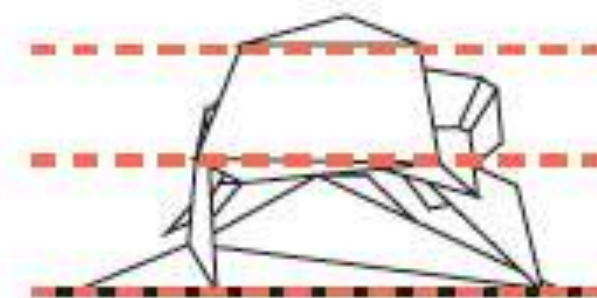
formal



direction

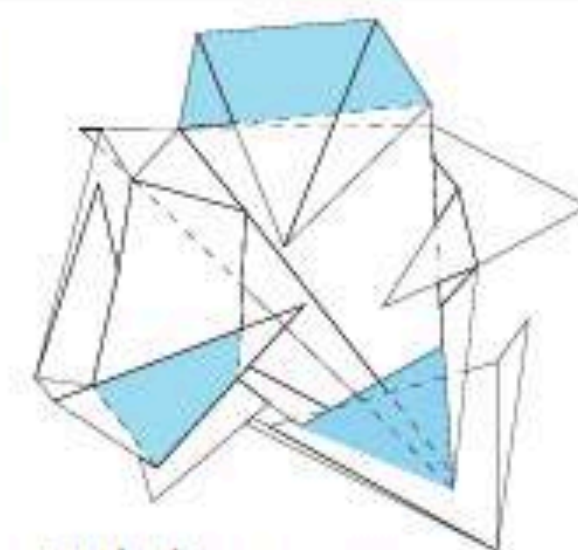


symmetry

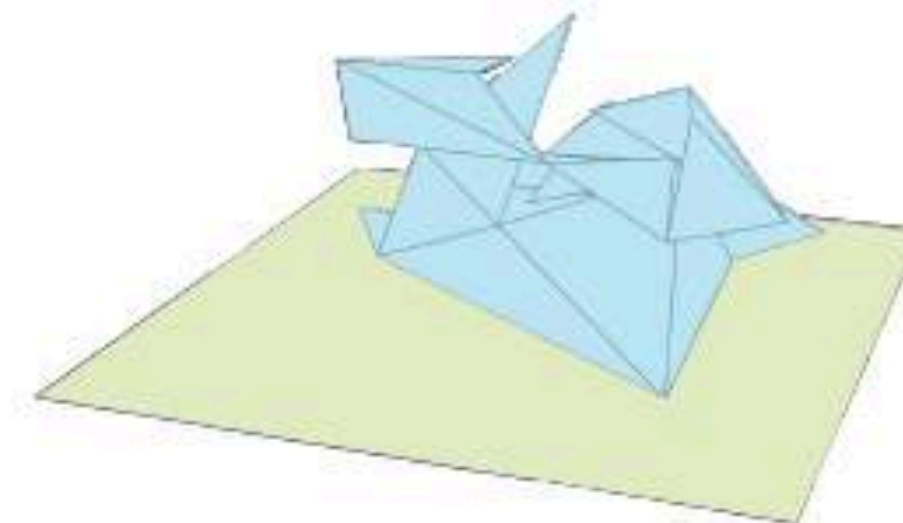


datum

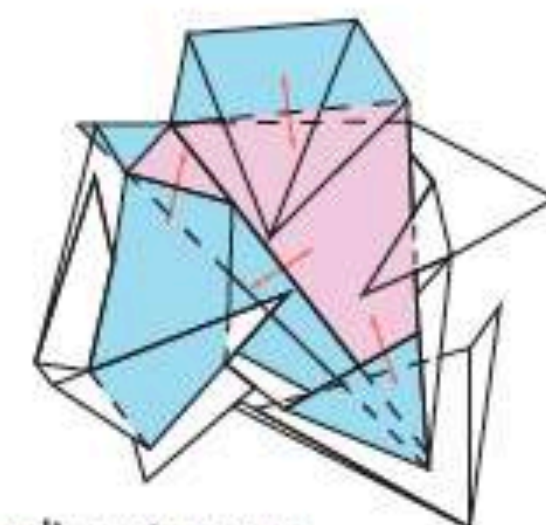
spatial



interlocking spaces



space within space

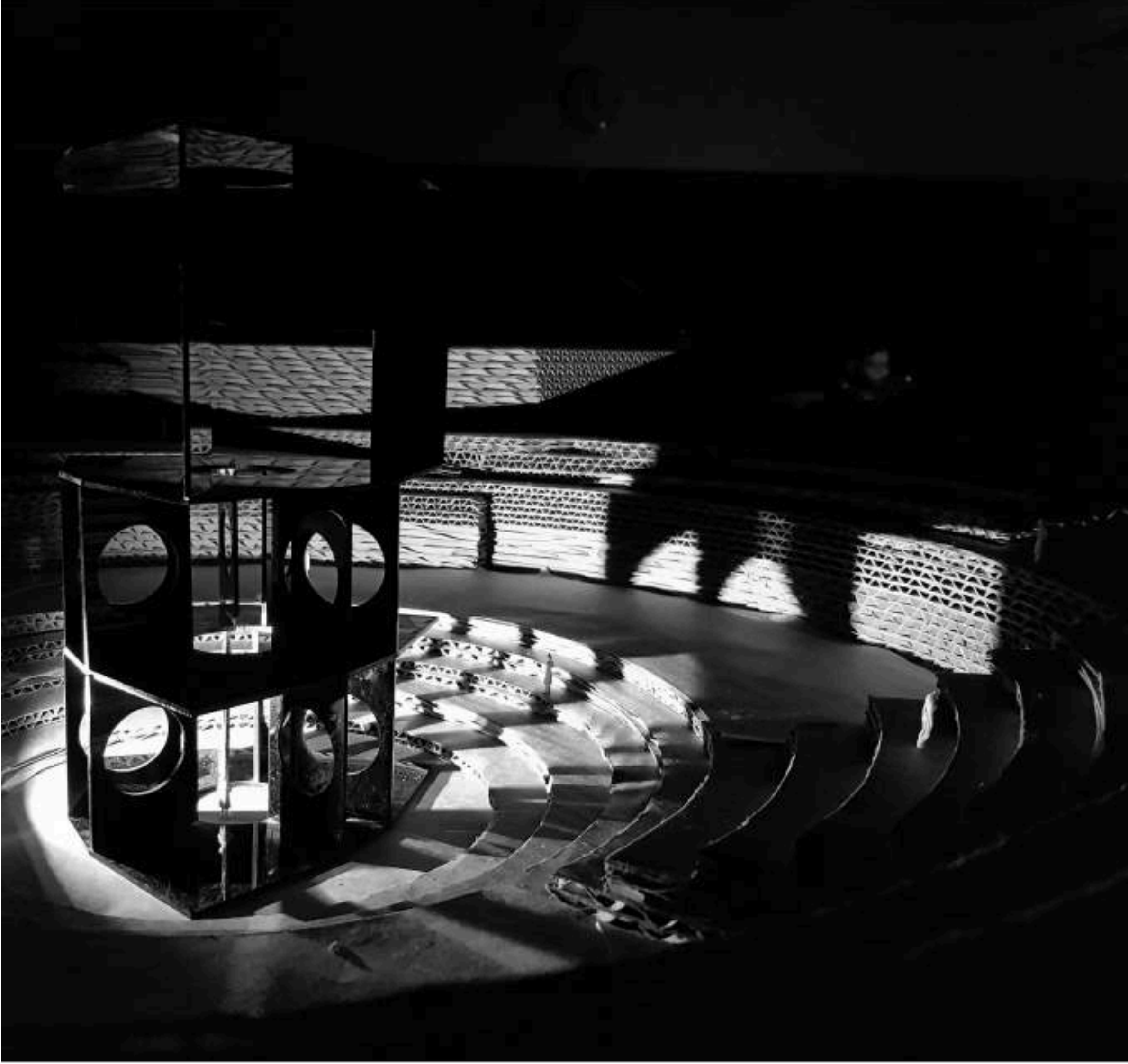


adjacent spaces

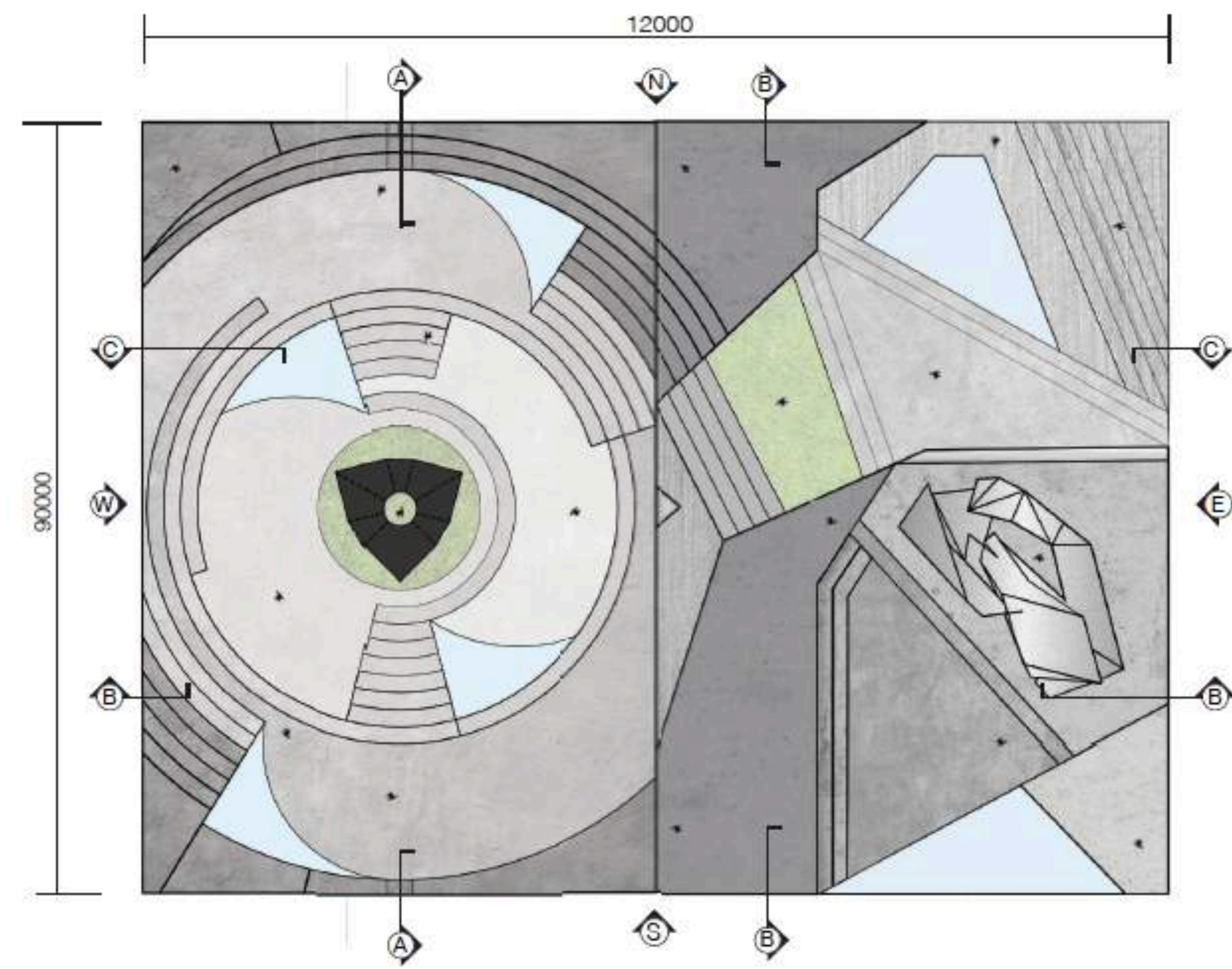


## INTRODUCTION TASK 3 - TERRAIN

TASK 3 WAS A PROJECT USING THE LESSONS FROM TASK 2 BOTH STABLE AND DYNAMIC PRINCIPLES, THEN APPLYING IT ON A LARGER SCALE TO CREATE A TERRAIN OUT OF CARD-BOARD FOR THE STRUCTURES CREATED IN TASK 2

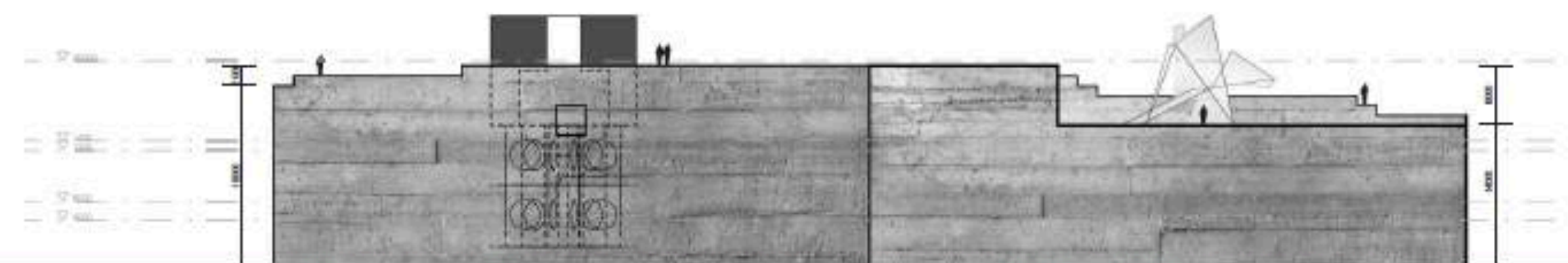






SITE PLAN

PLAN 1:500

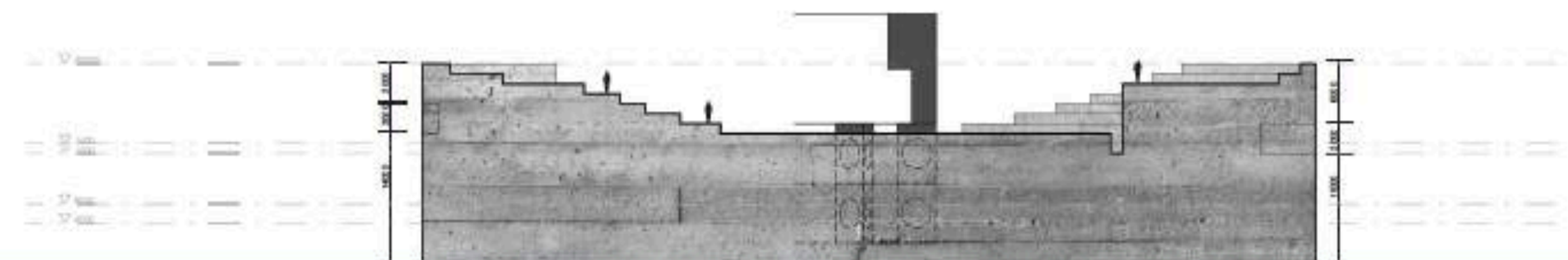


NORTH ELEVATION

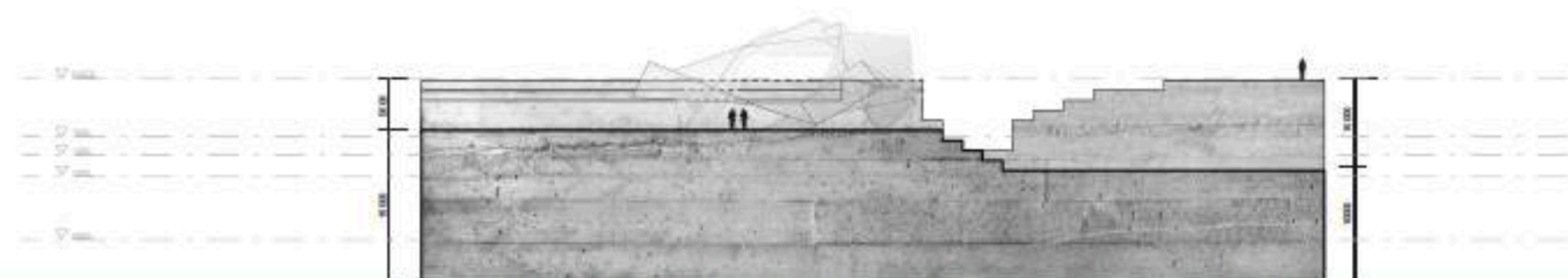


SOUTH ELEVATION

ELEVATIONS 1:500



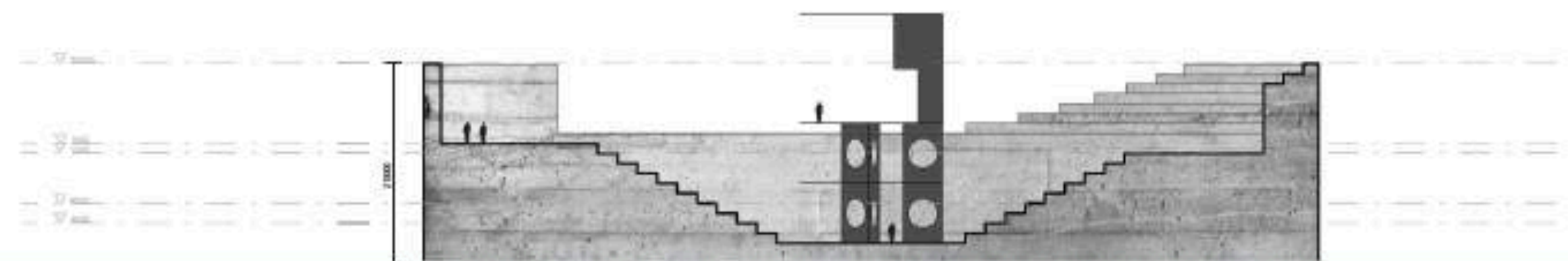
EAST ELEVATION



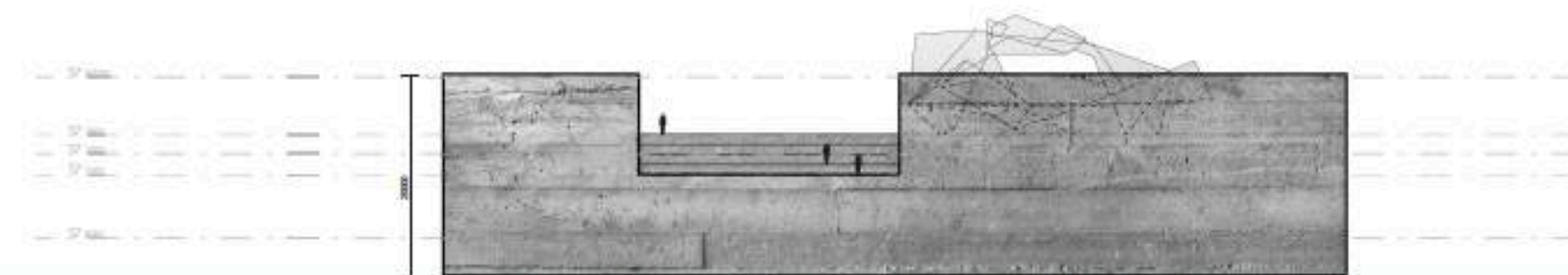
WEST ELEVATION

ELEVATIONS 1:500

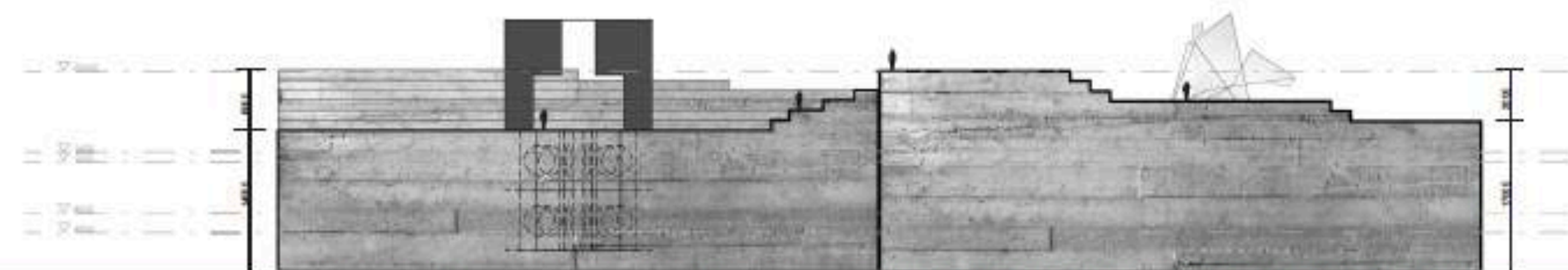




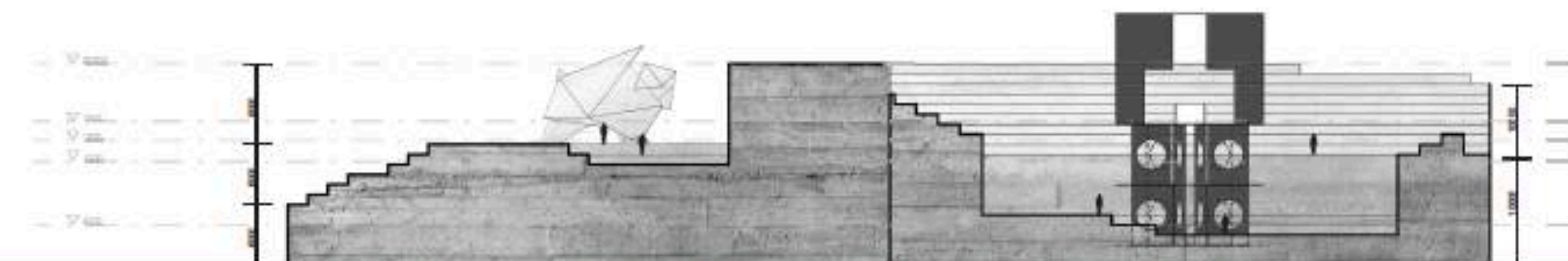
SECTION A



SECTION B



SECTION C



SECTION D

SECTIONS 1:500



TASK 3A



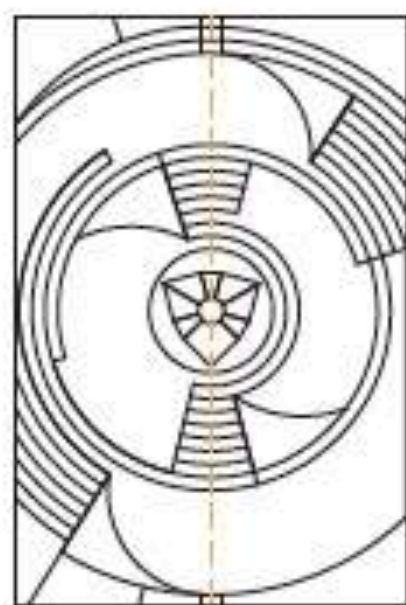
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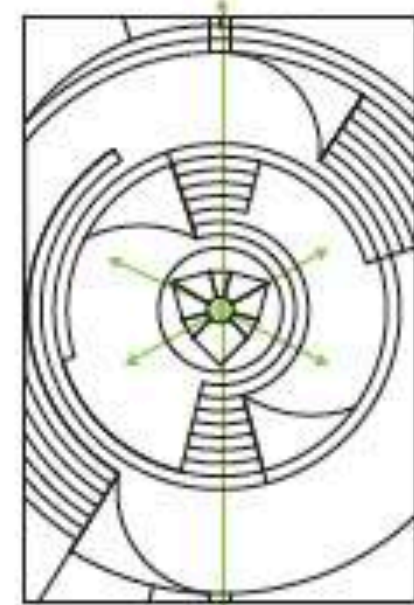
access + path



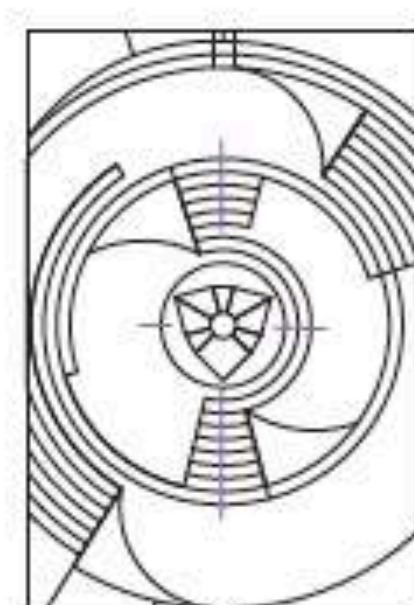
spacial org



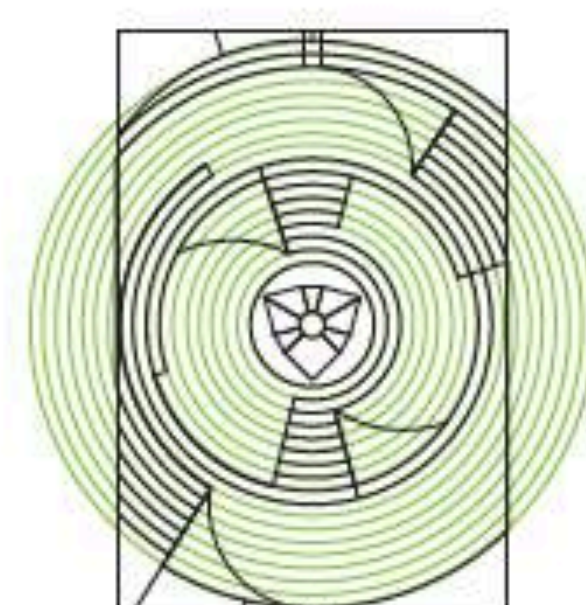
symmetry



axis + datum

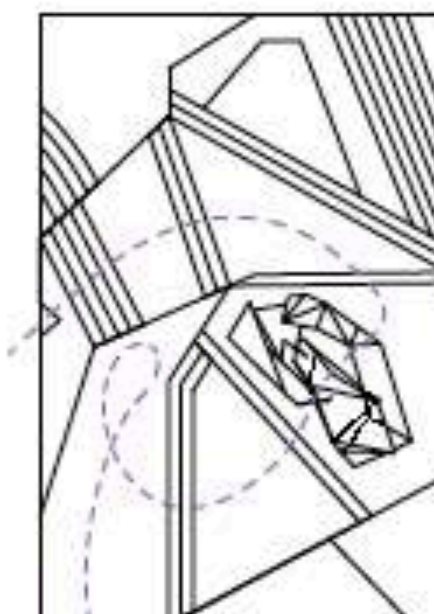


linked spaces

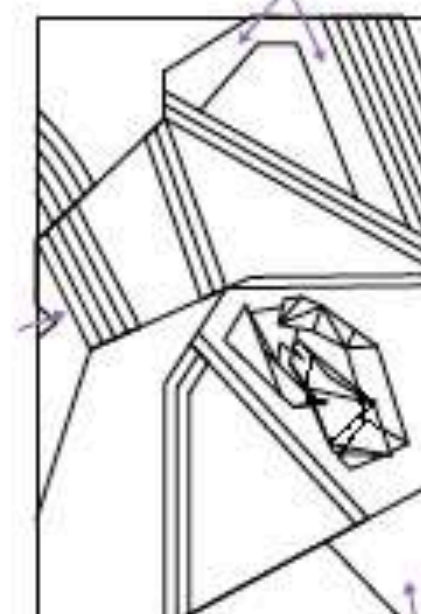


circulation

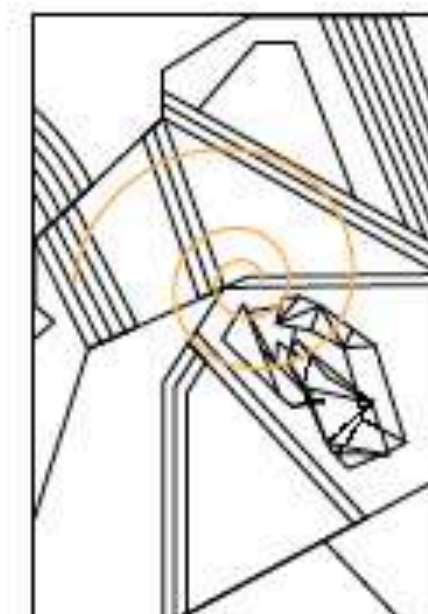
TASK 3B



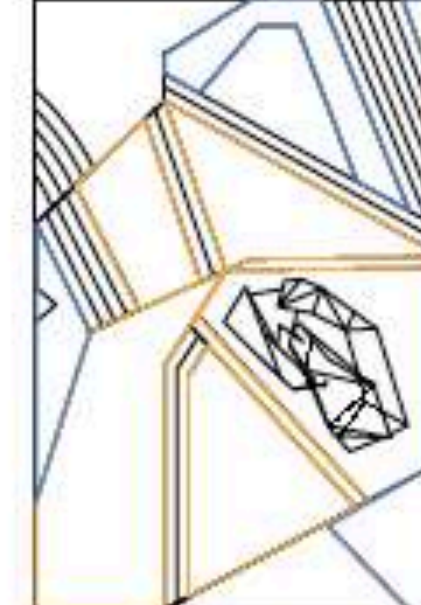
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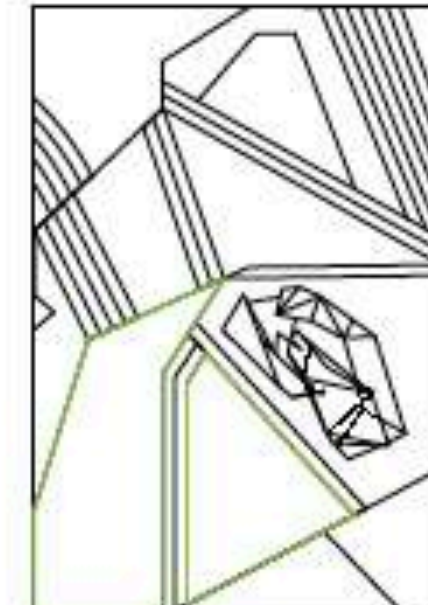
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spacial org

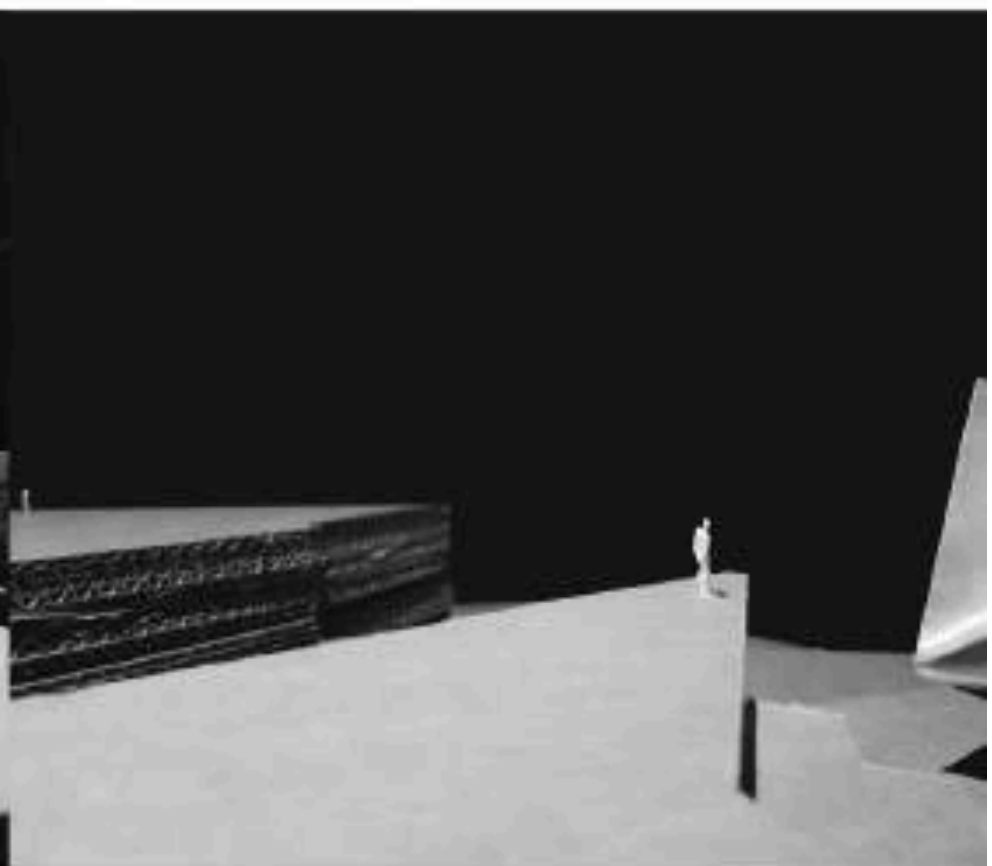
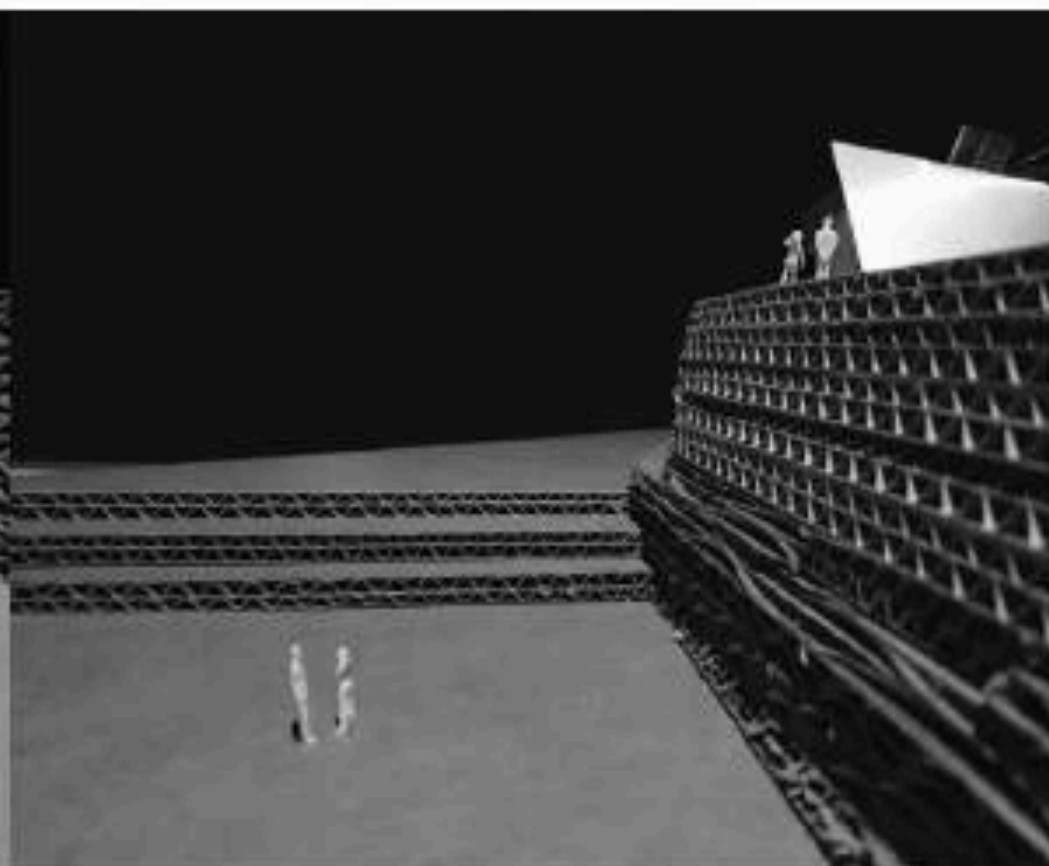
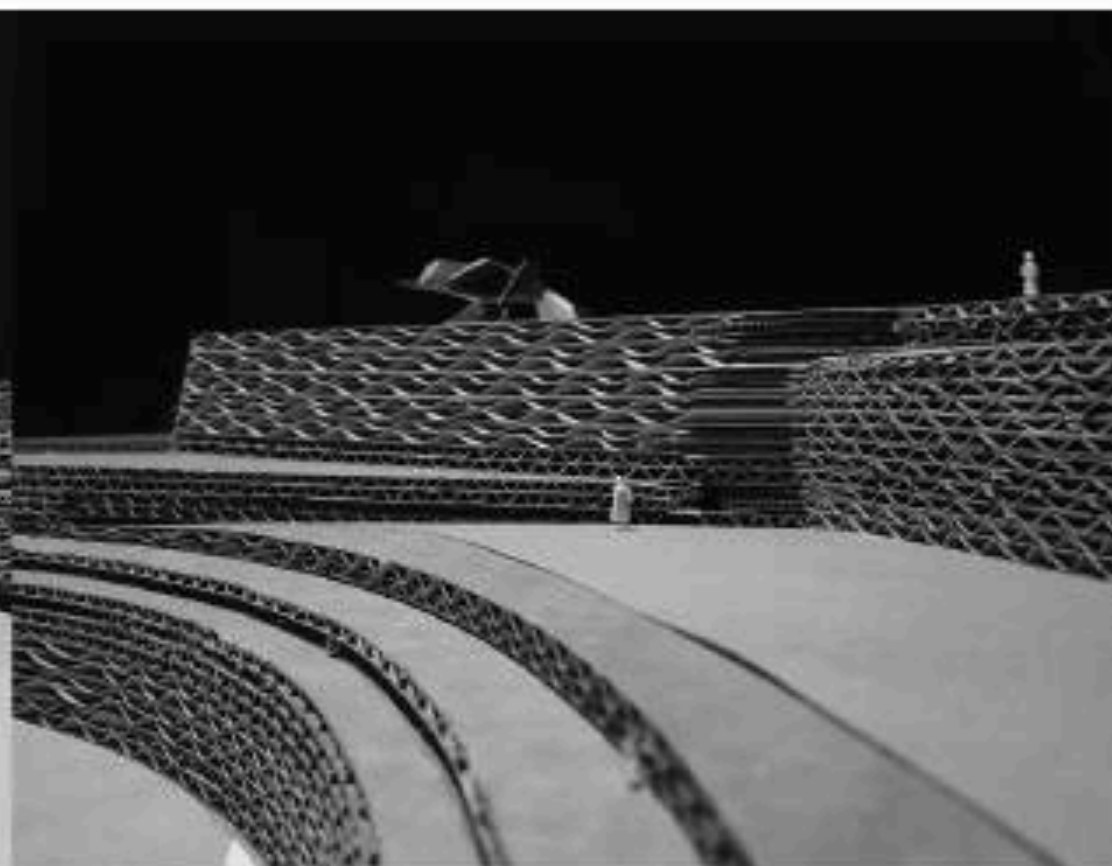
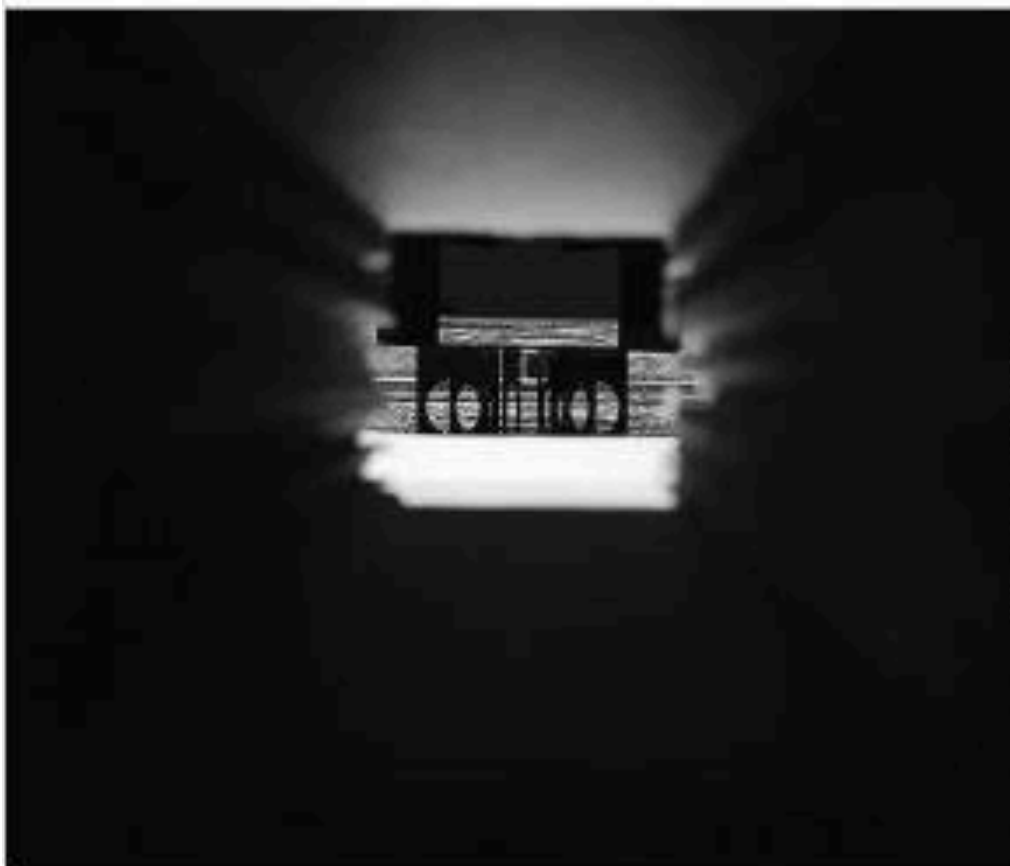


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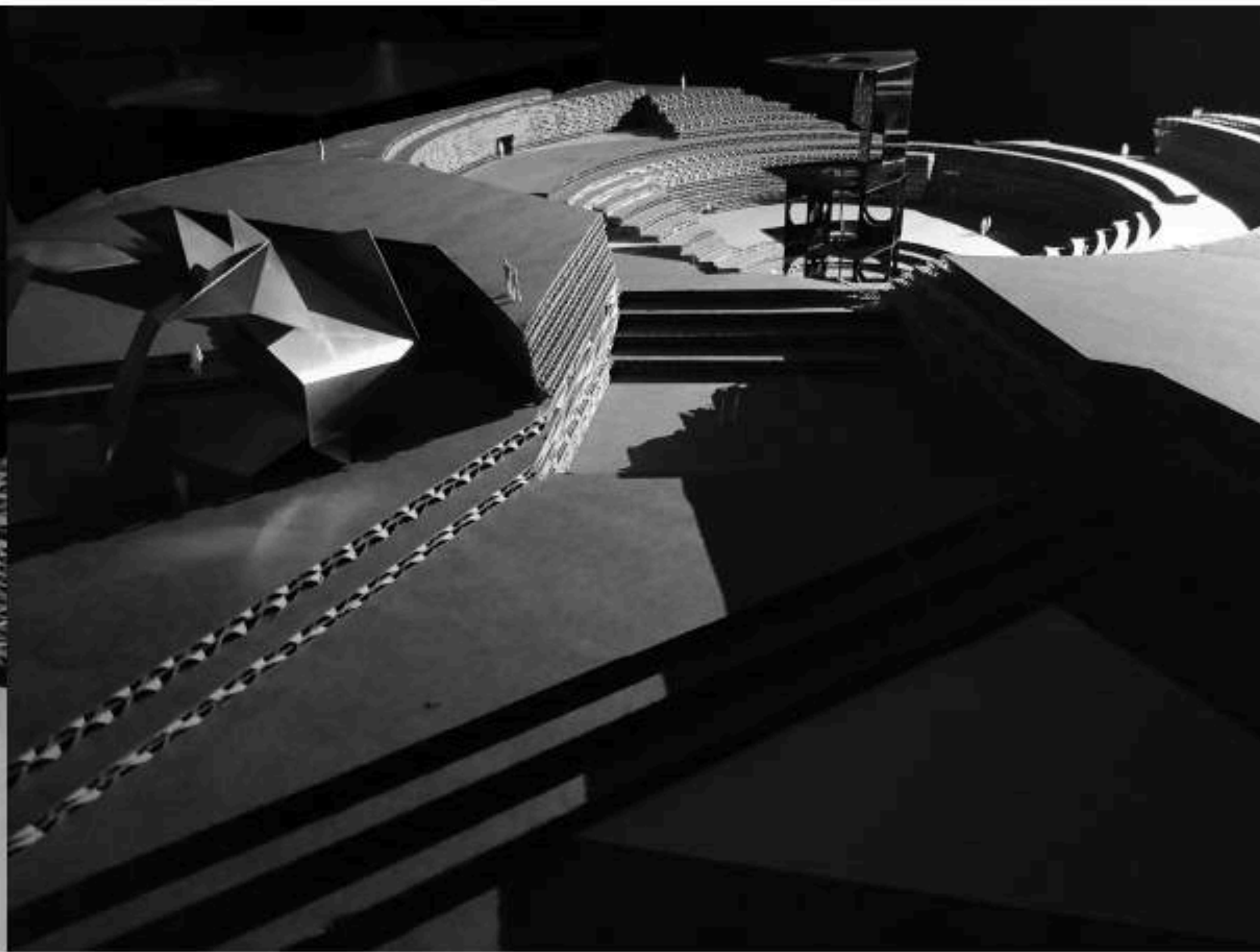
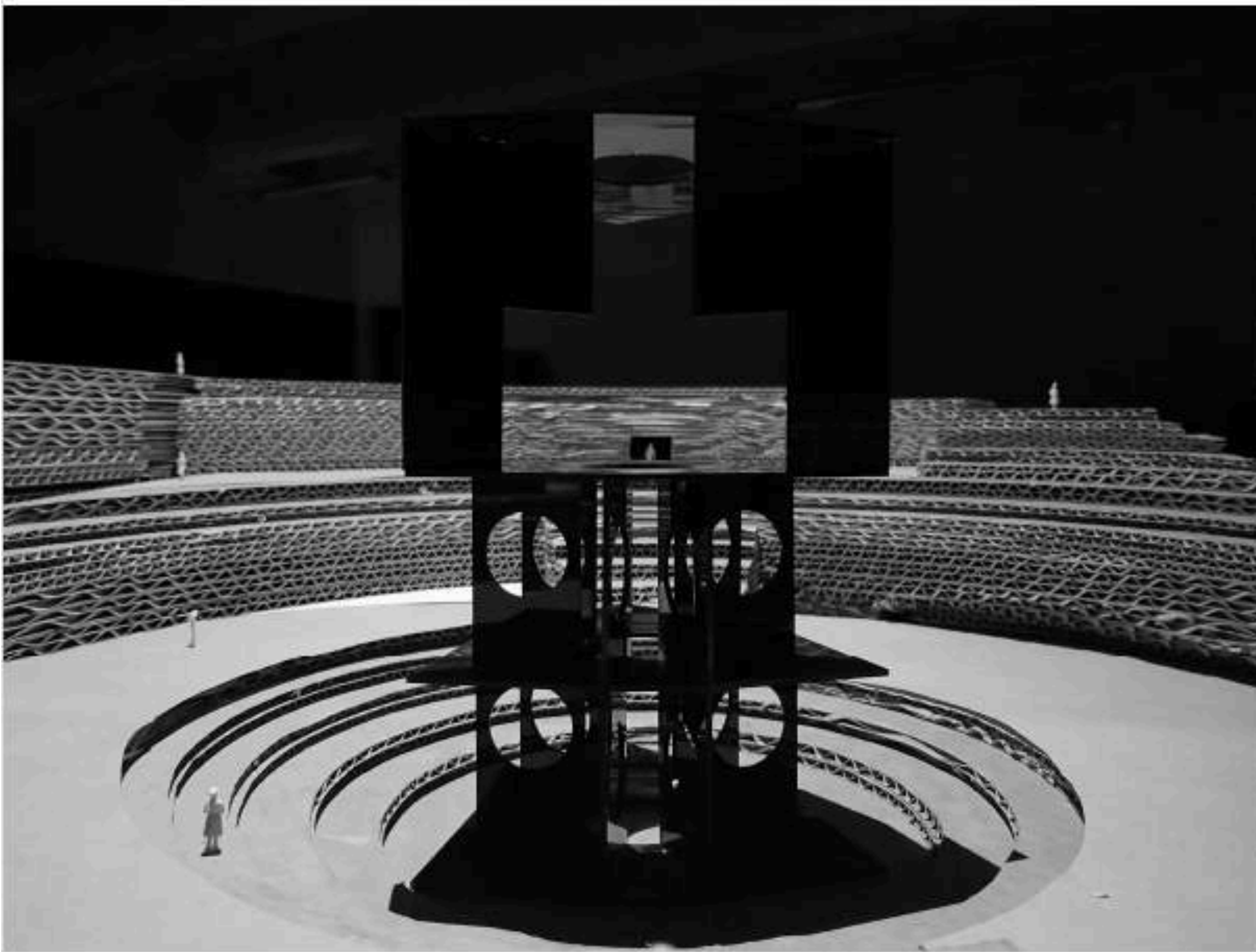


hierarchy

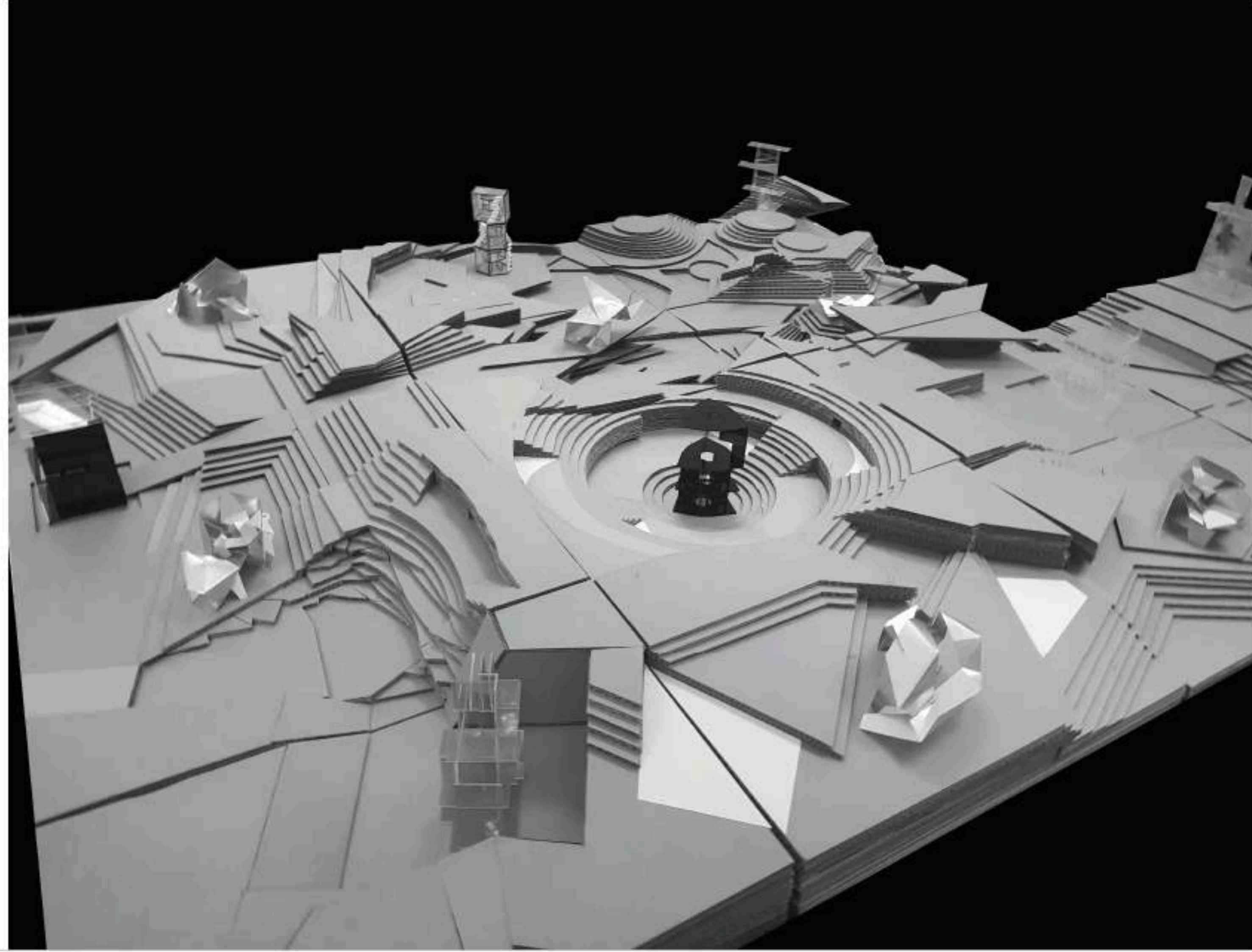












## CONCLUSION

THIS SEMESTER HAS BEEN A HUGE LEARNING PROCESS LEARNING DIFFERENT WAYS TO APPROACH AND INTERPRET THE PROJECT IN FRONT OF YOU. I DISCOVERED THAT THERE IS NEVER ONLY ONE ANSWER AND THROUGH OUT THE PROCESS OF DESIGN OTHER IDEAS POP OUT THAT WILL CHANGE YOUR INITIAL IDEA.

THE SKILLS I HAVE LEARNT BOTH BY HAND AND COMPUTER HAVE INCREASED GREATLY ALLOWING ME TO CREATE MORE REFINED DRAWINGS AND MODELS IN ORDER TO BETTER REPRESENT AND PRESENT MY IDEAS

THIS SEMESTER HAS BEEN FUN AND LOOK FORWARD TO CONTINUING MY STUDIES IN THIS FIELD

