

ARCH1101 LOWE

THE STAIR

THE STAIR

TODAY IN STUDIO
STAIRS
STUDENT WORK

TODAY IN STUDIO

Note: Throughout the class students will be demonstrating modeling techniques using Sketchup.

1. Using the scheme you developed in SketchUp (and inspired by the stairs shown in the lecture) design two sets of stairs; one that goes from the above ground studio down to the showroom space and a second that comes from the below ground studio up to the showroom space.

2. Represent each stair with at least 2 sections. Keep all the notes, details and sections relating to each stair on one pair of facing pages. Or on two screens if you are using an iPhone, iPad or similar device.

3. In consultation with your tutor take another one of the sections created in the first studio session and design two sets of stairs for that scheme. Represent each of these new stairs with at least 2 sections.

By the end of the studio session you will have at least 8 sections (representing 4 sets of stairs).

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ANDREW BARRY



RACHAEL WHITEREAD

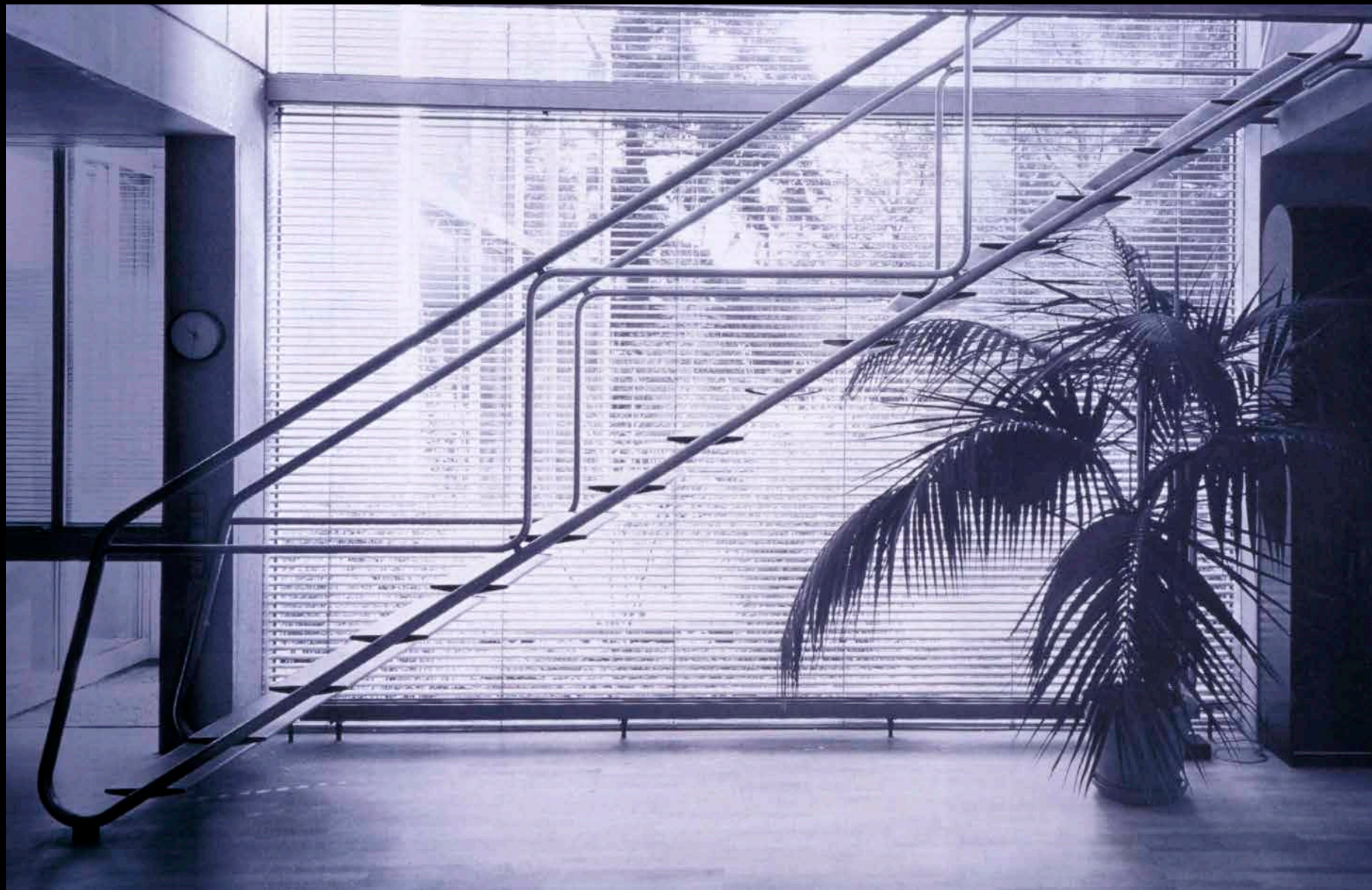
LIGHT STAIRS













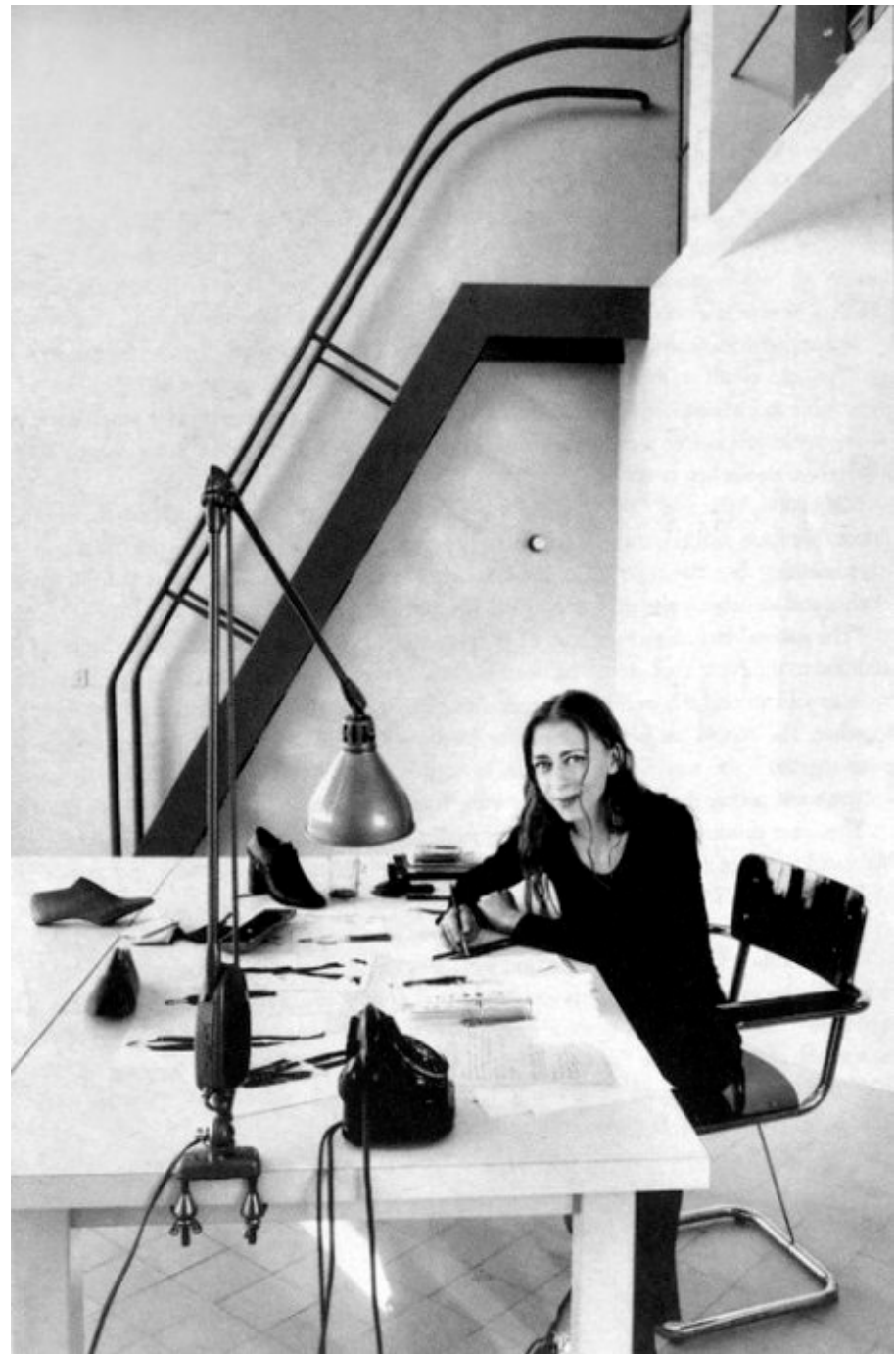


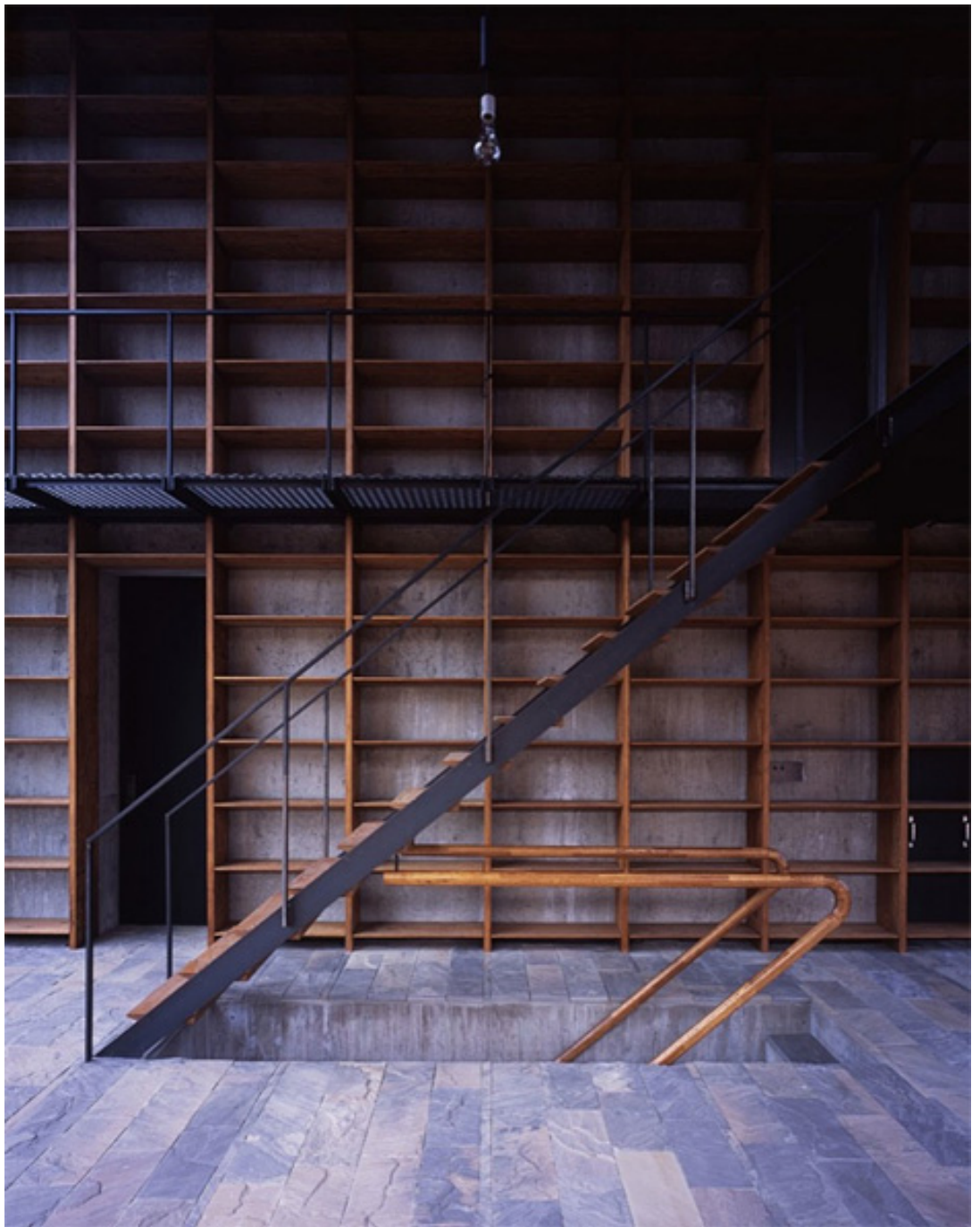


CENTRE POMPIDOU, PARIS



VILLA VPRO, MVRDV











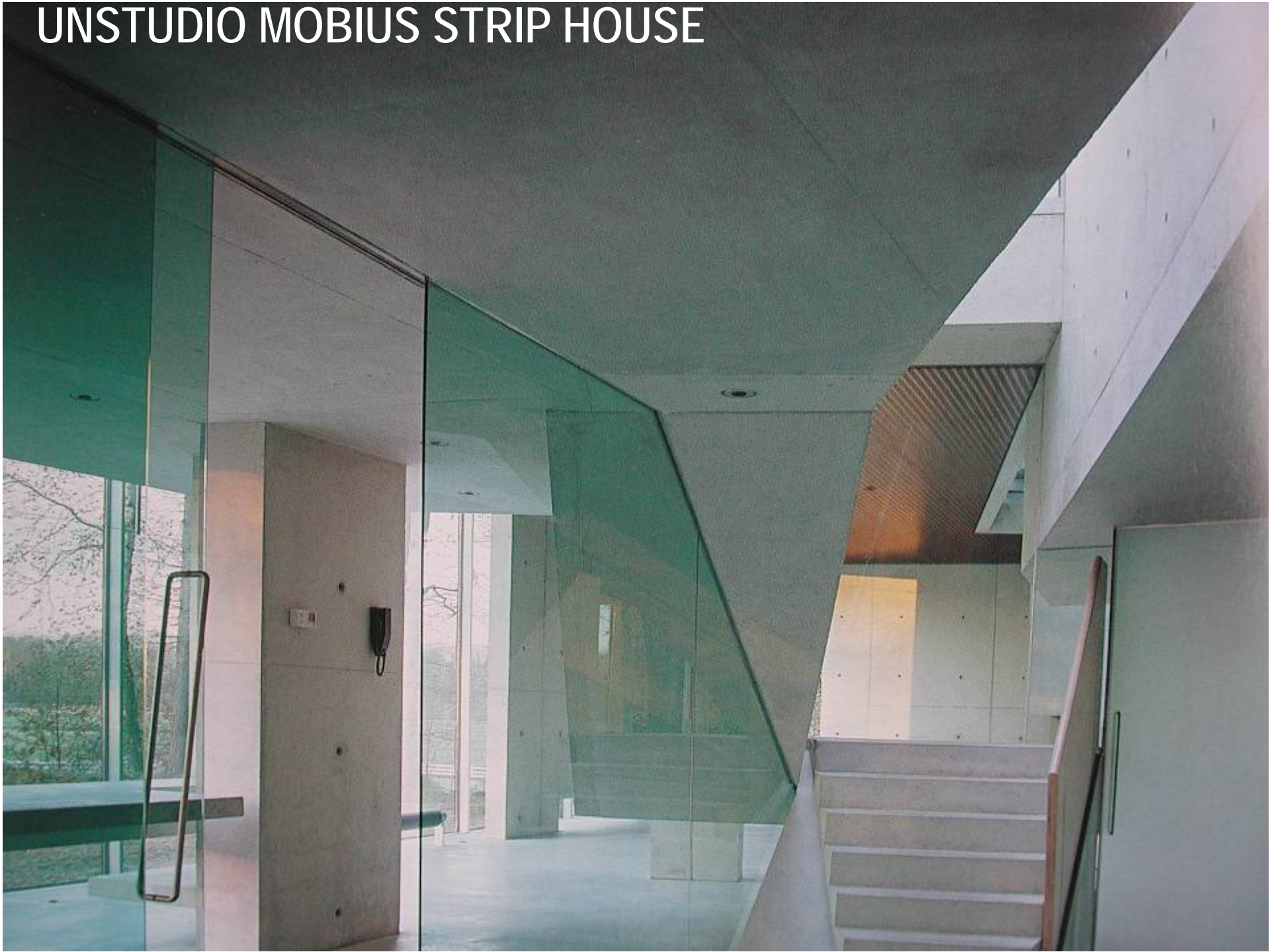


HEAVY STAIRS





UNSTUDIO MOBIUS STRIP HOUSE









LUIS BARRAGAN















PHILLIPPE STARK

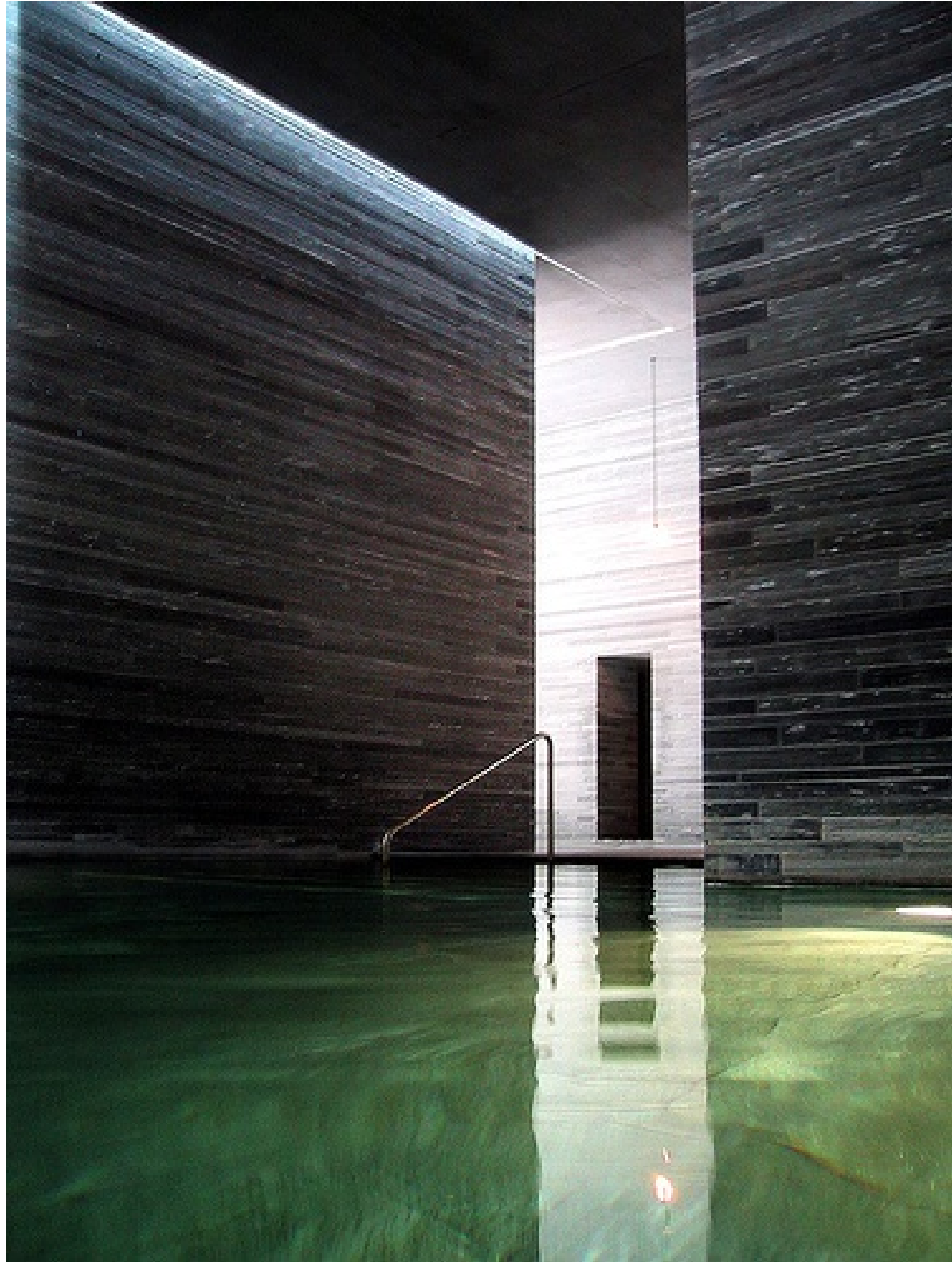


CARLO SCARPA





PETER ZUMTHOR
THERMAL BATHS, VALS



CANTILEVERED STAIRS

can·ti·le·ver [kan-tl-ee-ver]

Noun

1. Any rigid structural member projecting from a vertical support, especially one in which the projection is great in relation to the depth, so that the upper part is in tension and the lower part in compression.
2. Building Trades, Civil Engineering: any rigid construction extending horizontally well beyond its vertical support, used as a structural element of a bridge (cantilever bridge) building foundation, etc.
3. Aeronautics: A form of wing construction in which no external bracing is used.
4. Architecture: A bracket for supporting a balcony, cornice, etc.

World English Dictionary (Collins)

1. A beam, girder, or structural framework that is fixed at one end and is free at the other





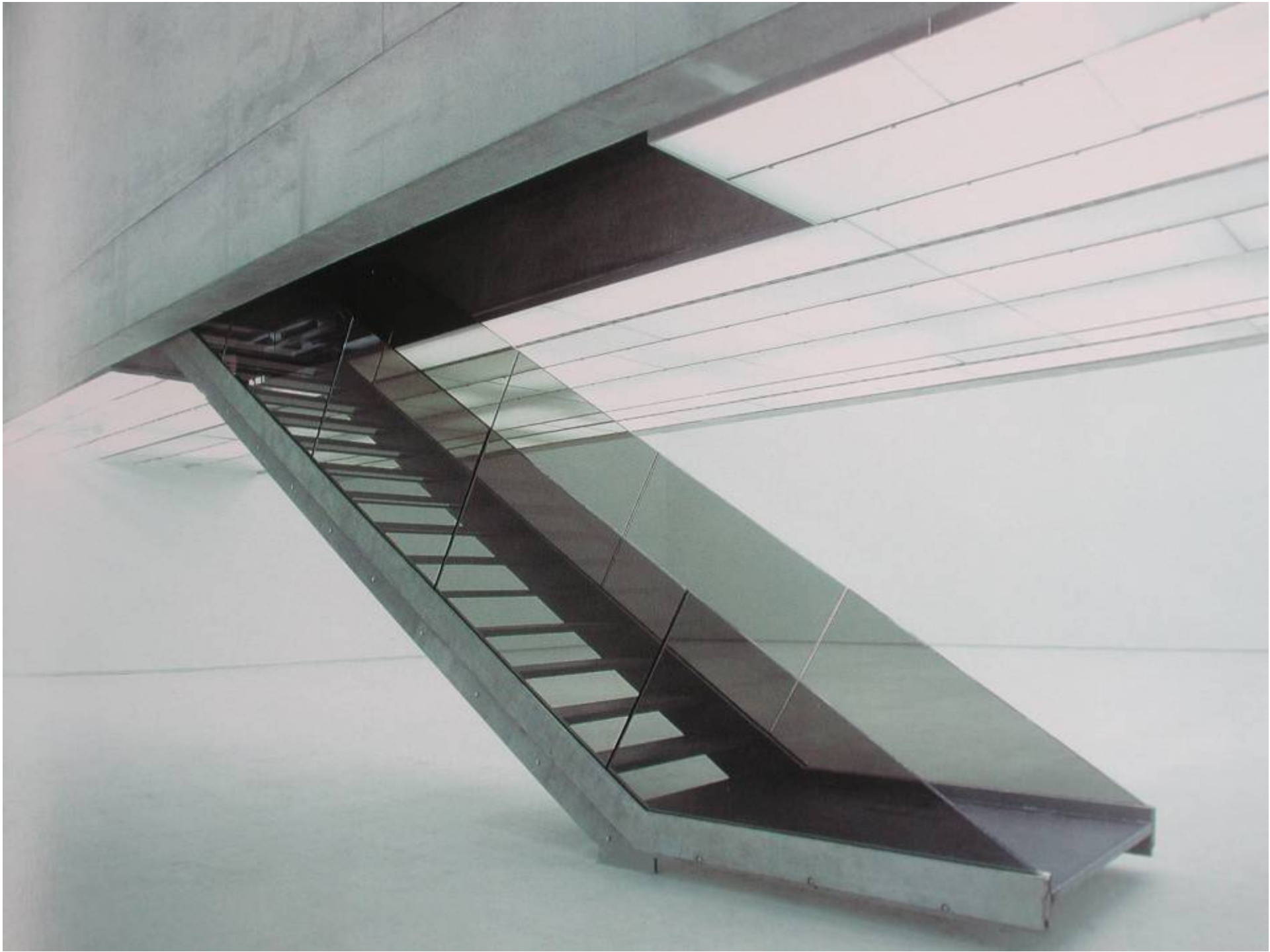








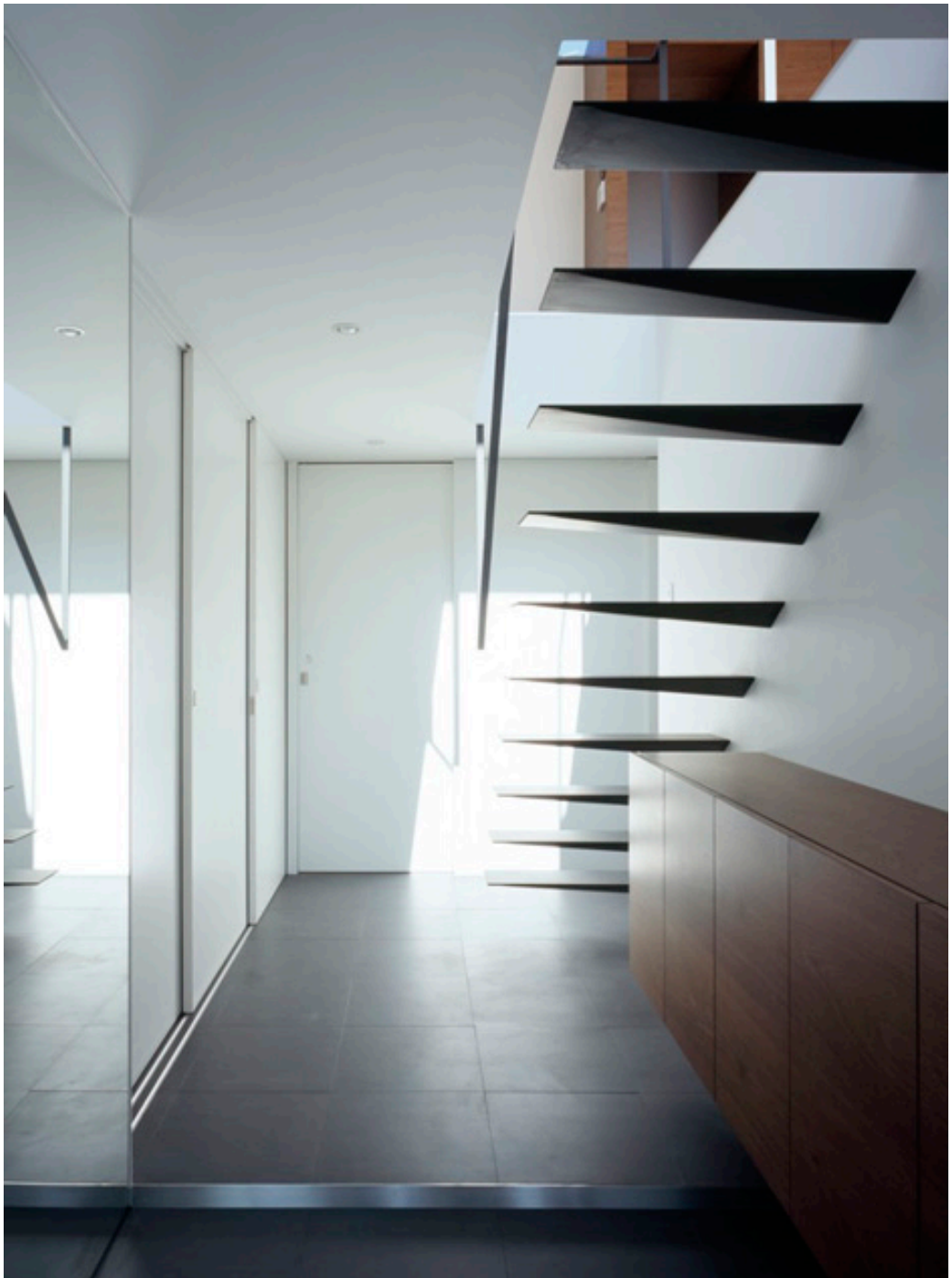
















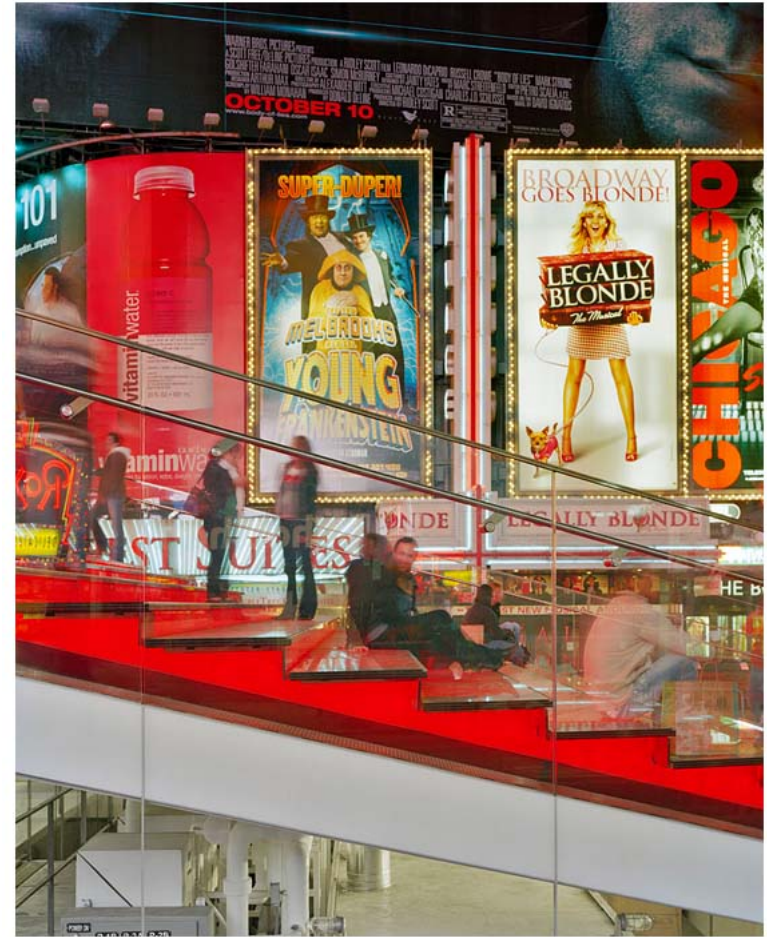
OUTSIDE STAIRS



PERKINS EASTMAN. NYC + John Choi and Tai Ropiha. Sydney



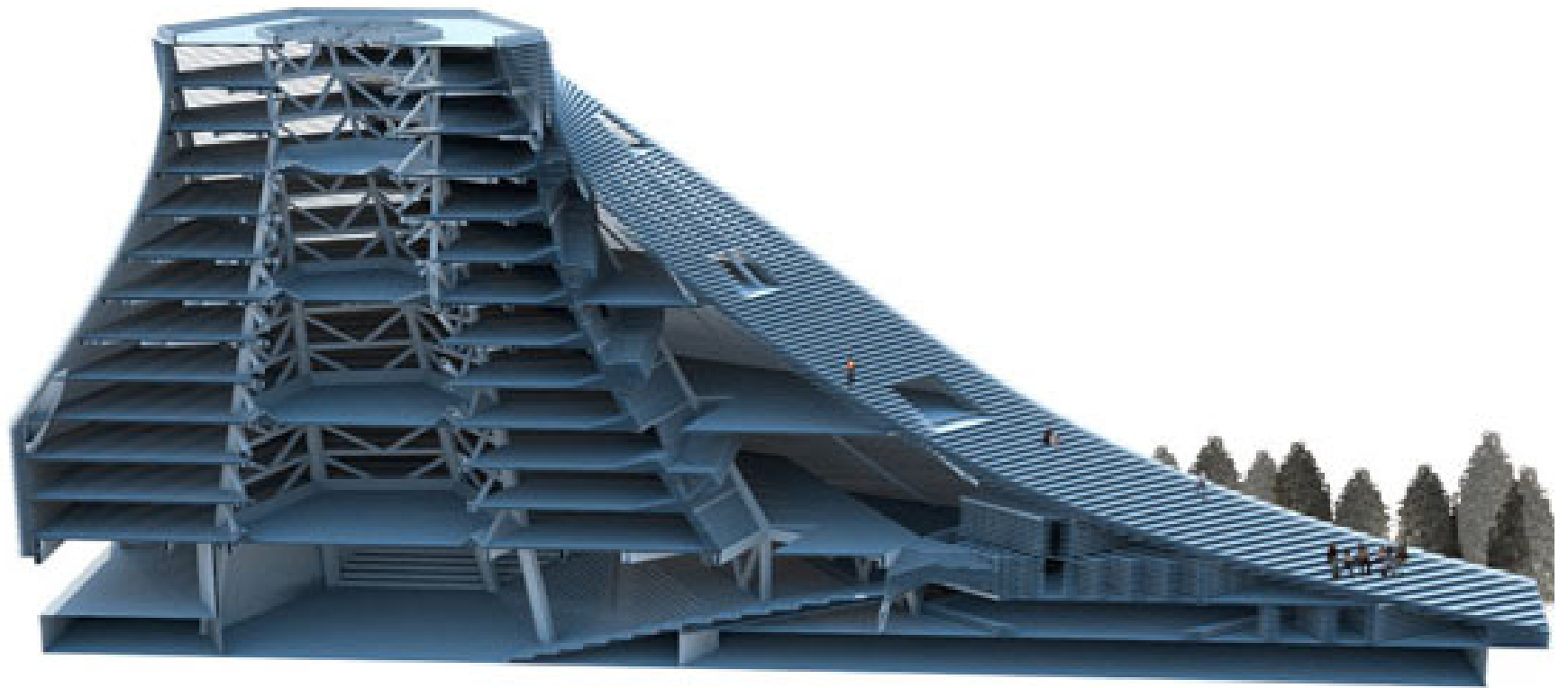
TROY DONOVAN





DETAILS





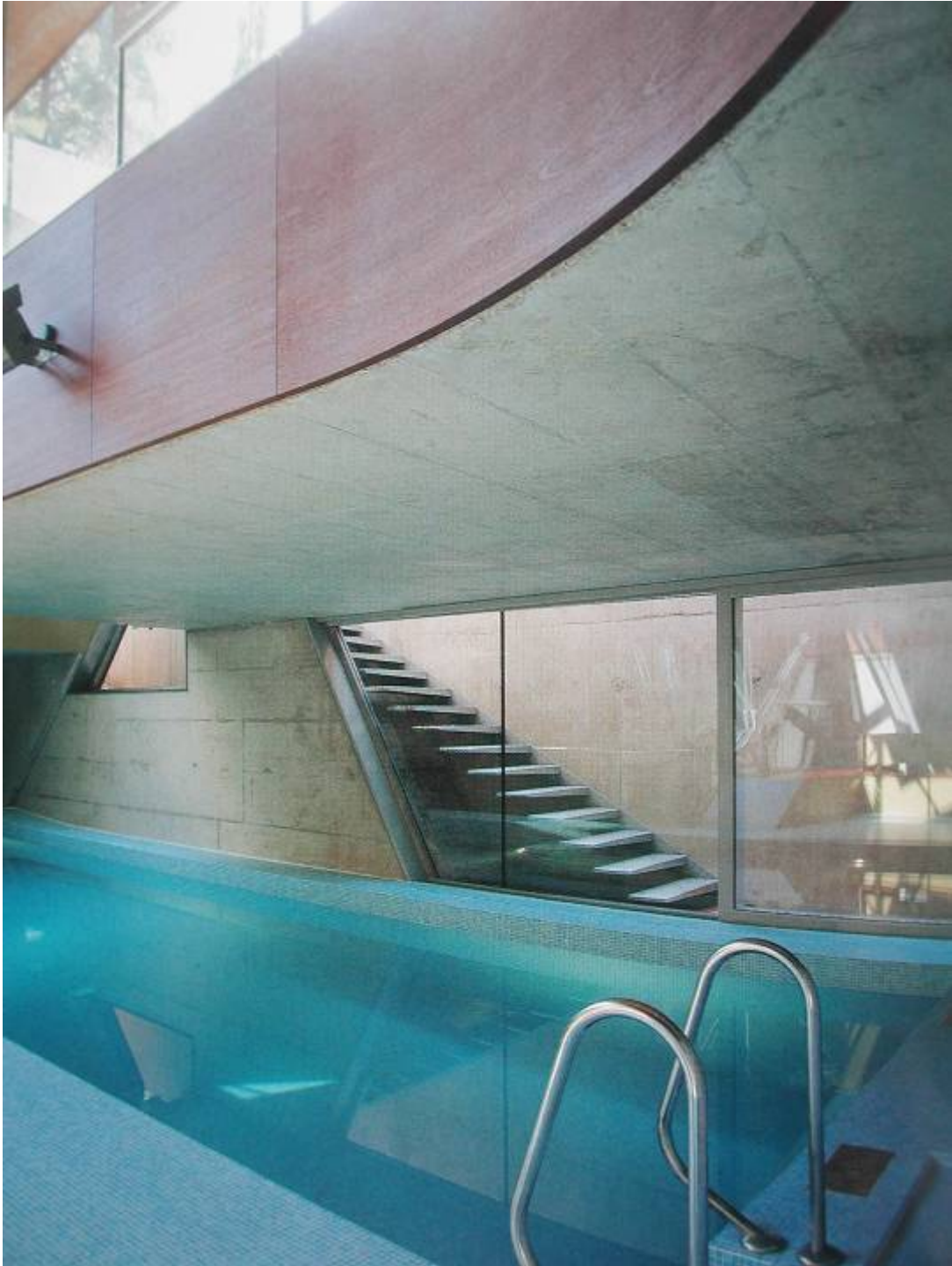




LAKE COMO. ITALY











HOUSE ON MYKONOS. MARC CORBIAU







GANGES RIVER. INDIA











LE CORBUSIER. CHANDIGARH



ROMAN RUINS. BATH. ENGLAND



CARLO SCARPA





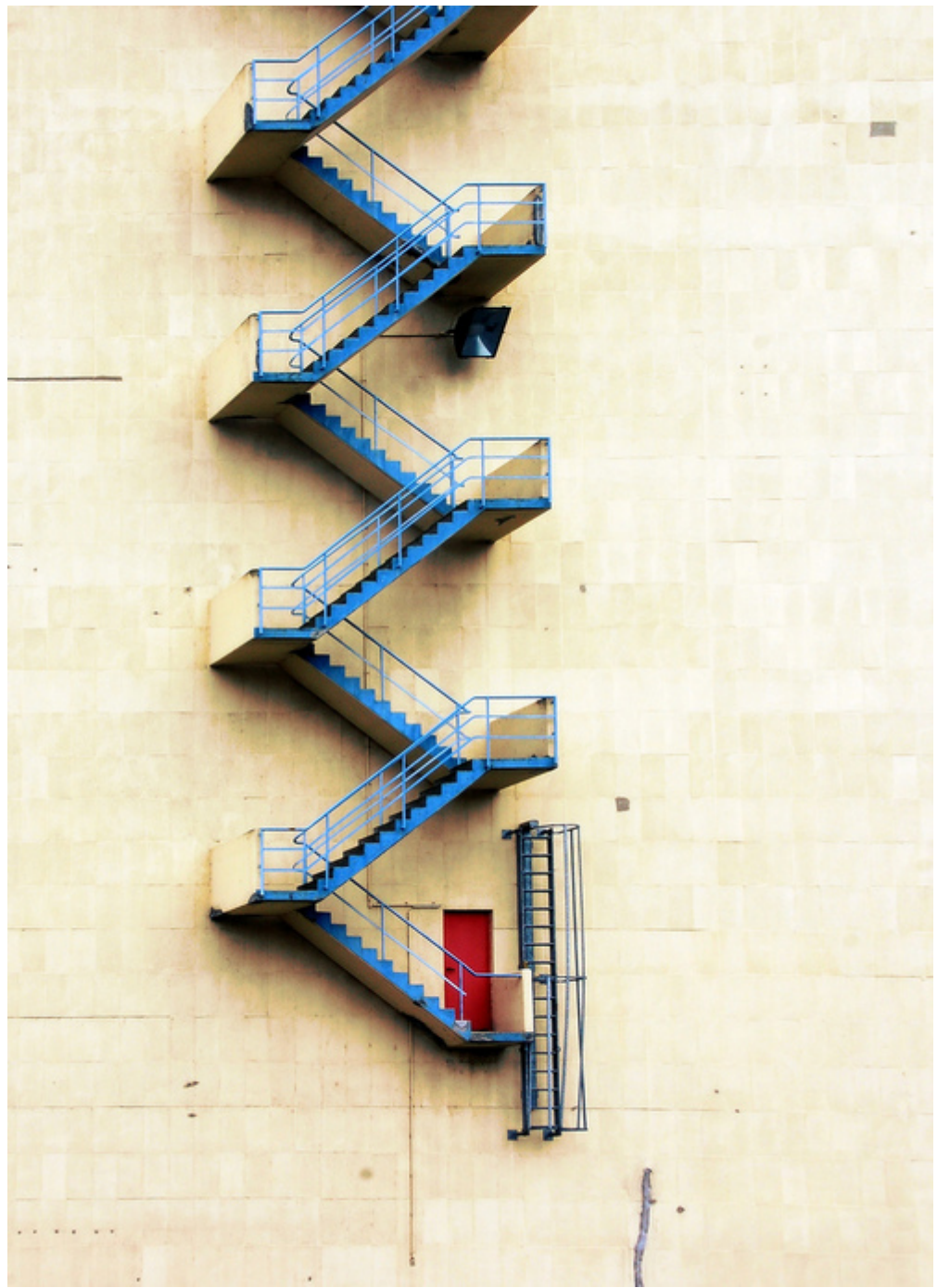


OPERA HOUSE. SYDNEY





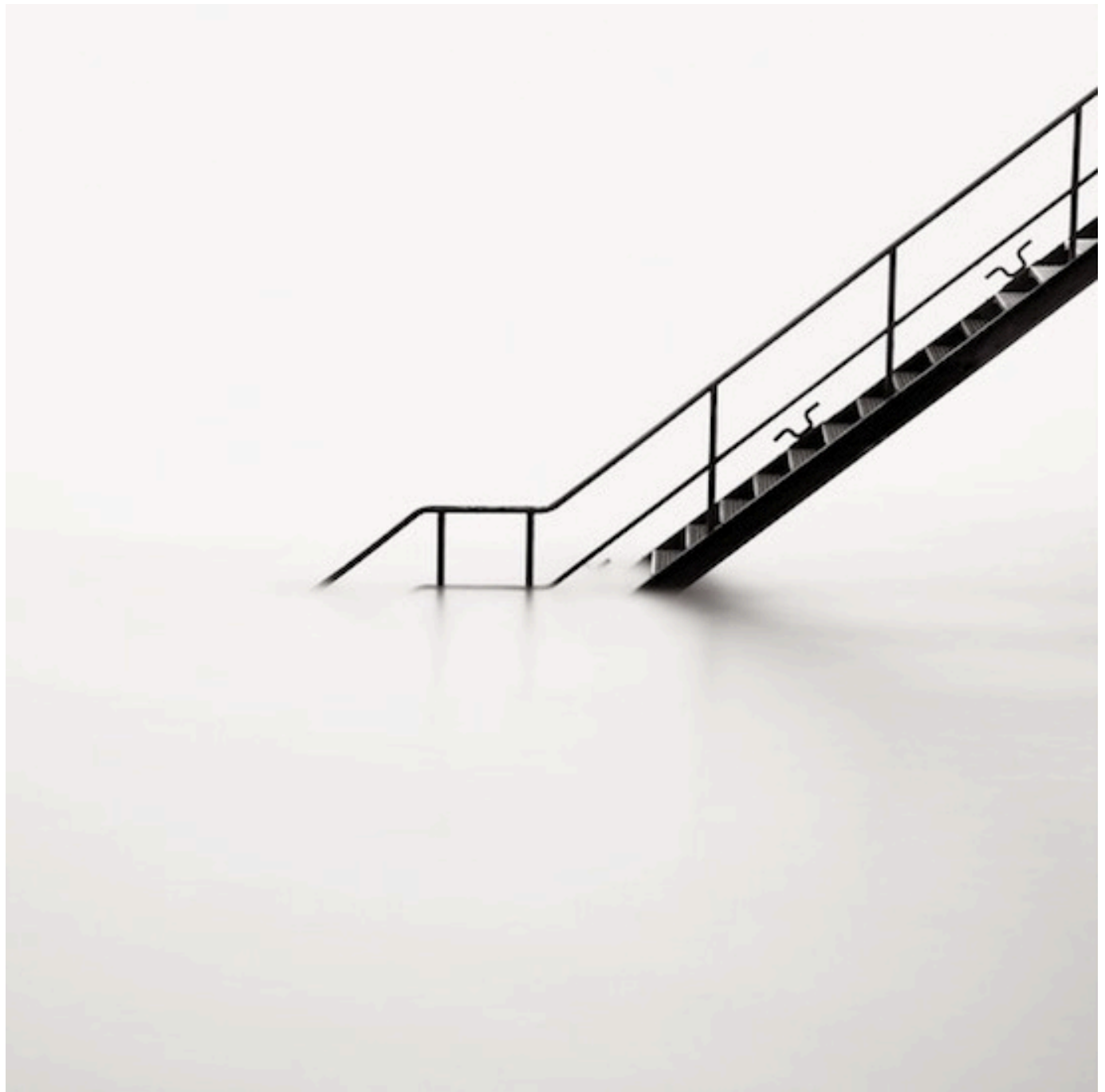




















WONDERFUL
VIEW

FOLLOW
THE BOOKS
STEPS
CLIMB

GO
UP

SPIRAL STAIRS

**CASA ROTA
MANUEL OCANA
ARQUITECTOS**











HERZOG AND DE MEURON



STEVEN HOLL

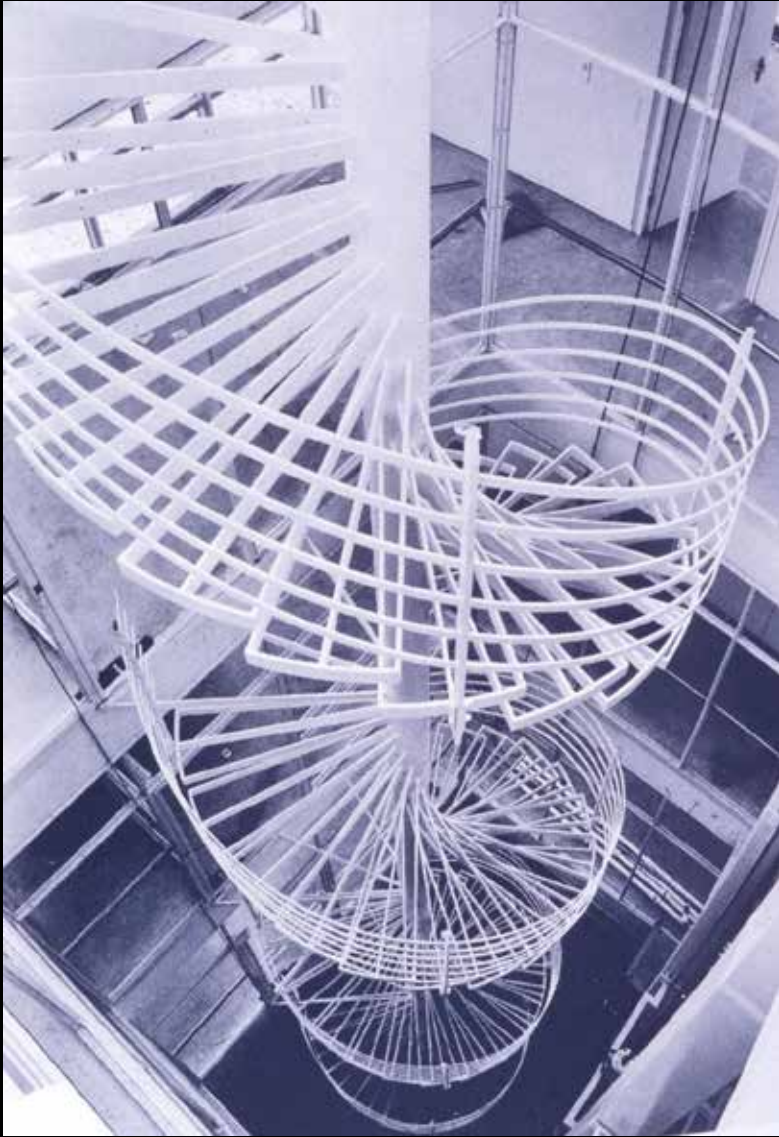




TATE MODERN
LONDON







HOUSE AT BORDEAUX.
REM KOOLHAAS

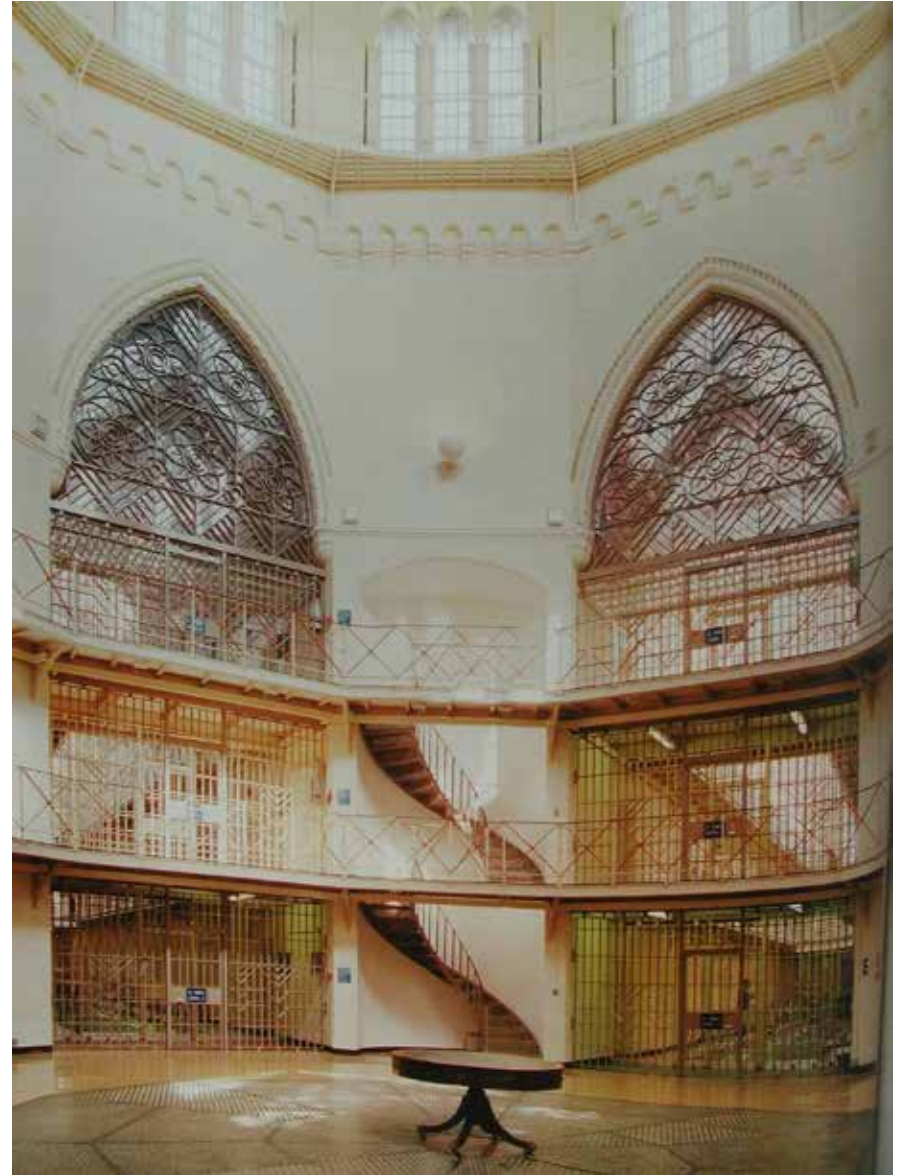
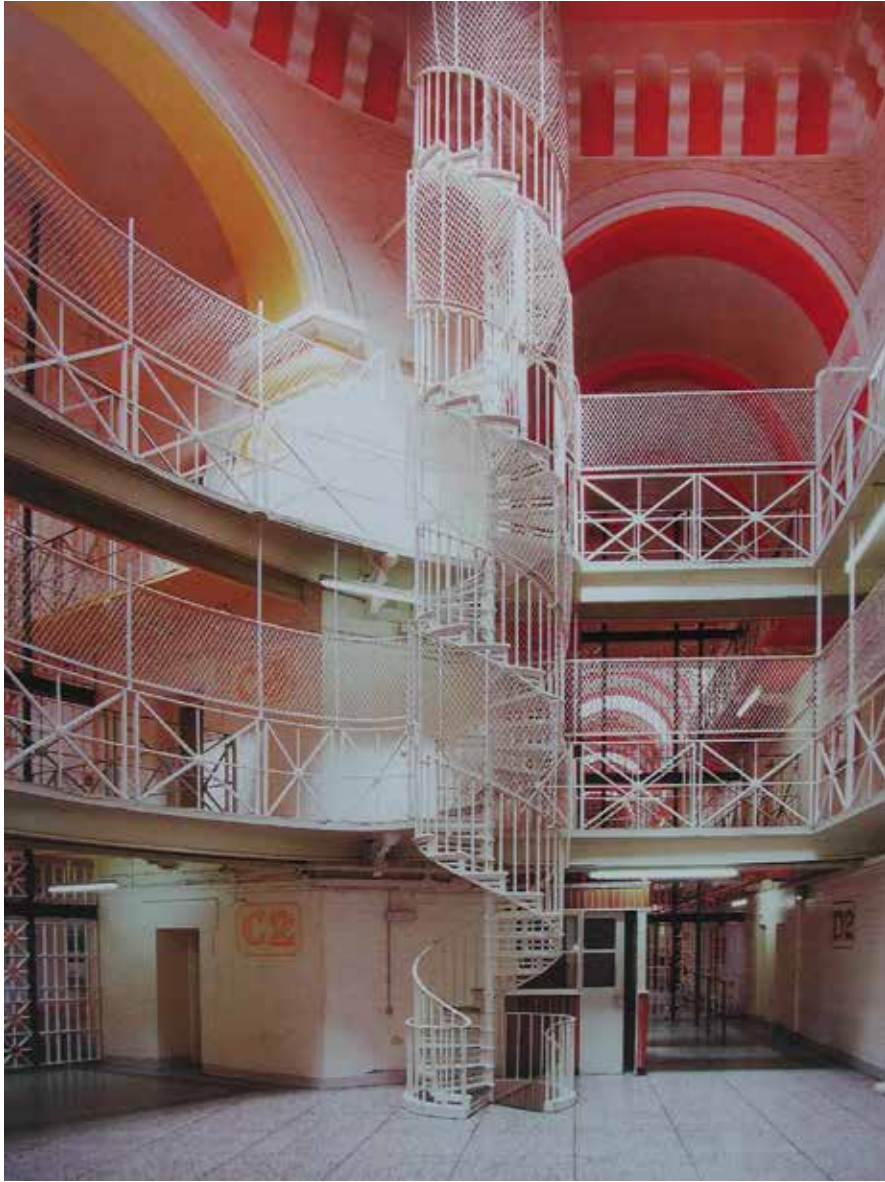




TETSUYA NAKAZONO

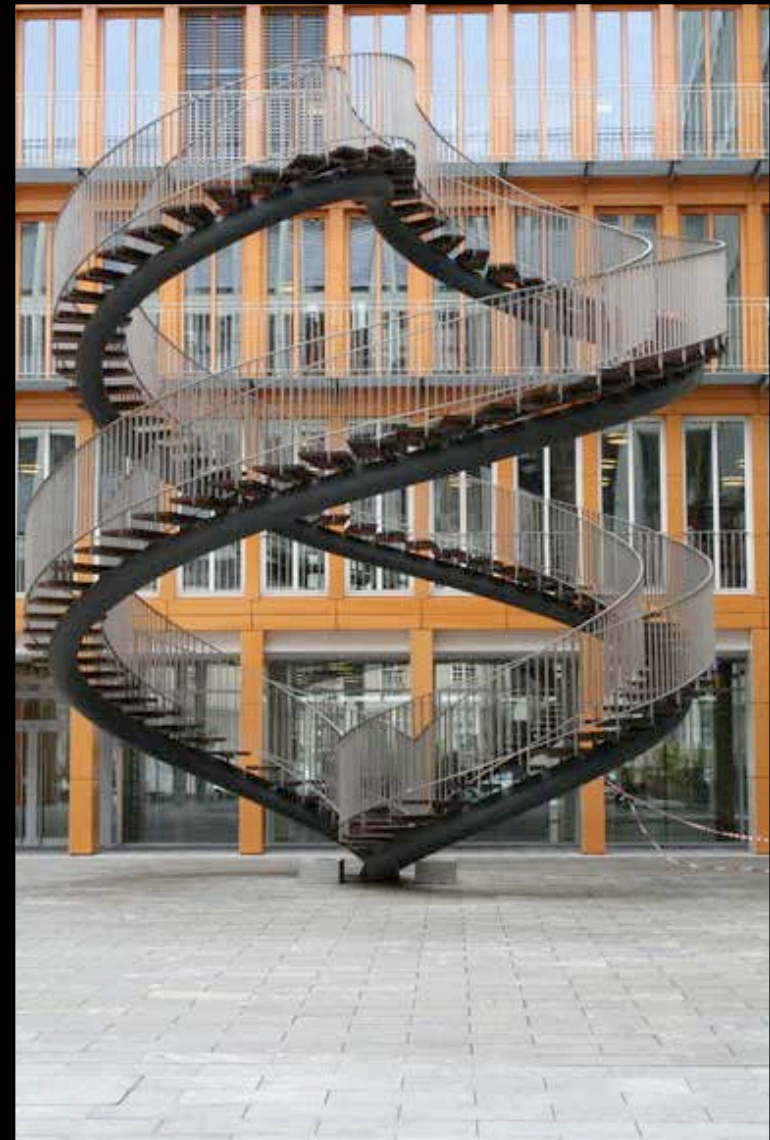


TETSUYA NAKAZONO









OLAFUR ELIASSON. MUNICH







ROSS LOVEGROVE. DNA STAIRCASE.

SHOP STAIRS



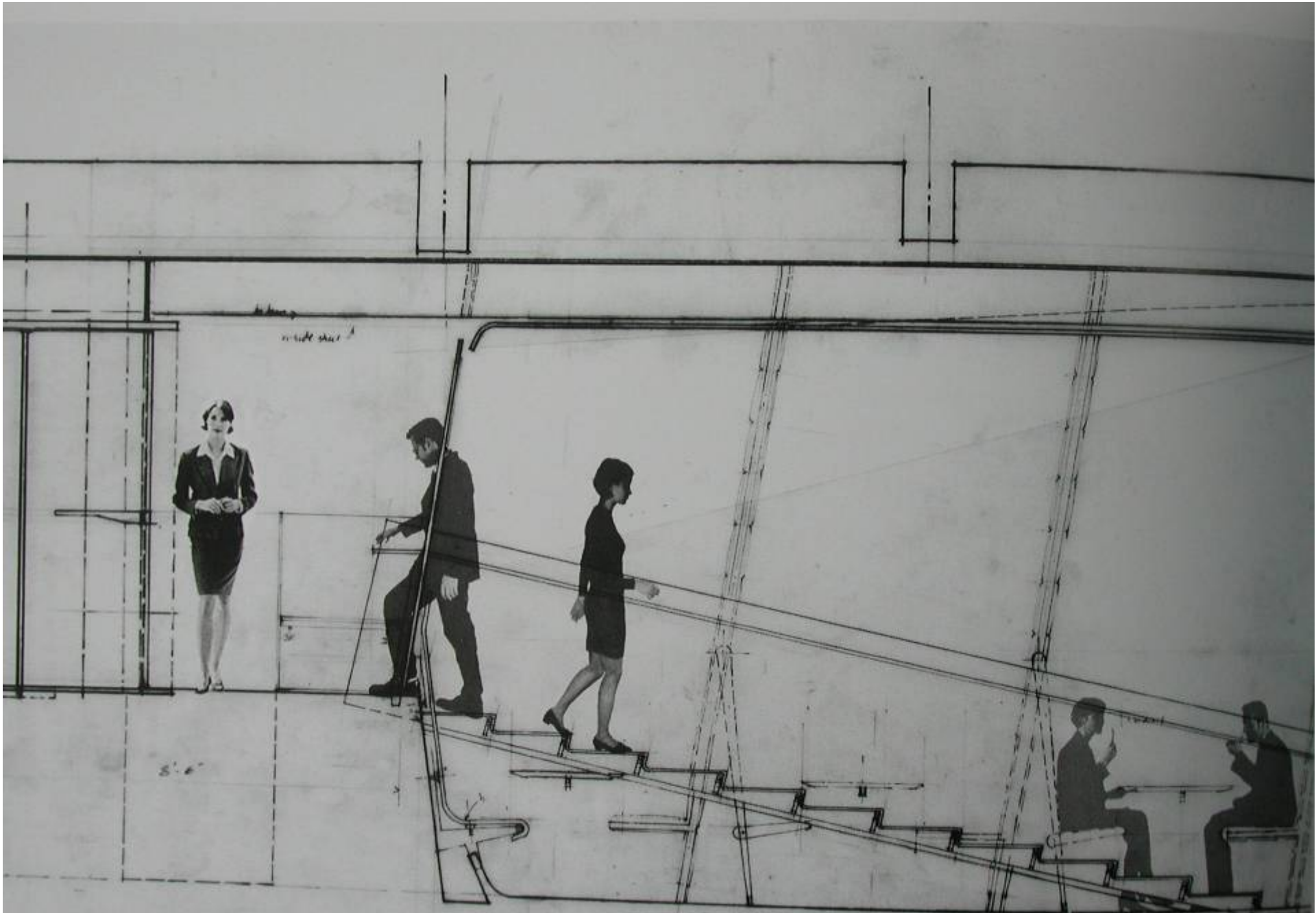
REM KOOLHAAS. OMA. PRADA. NYC











DILLER + SCOFIDIO

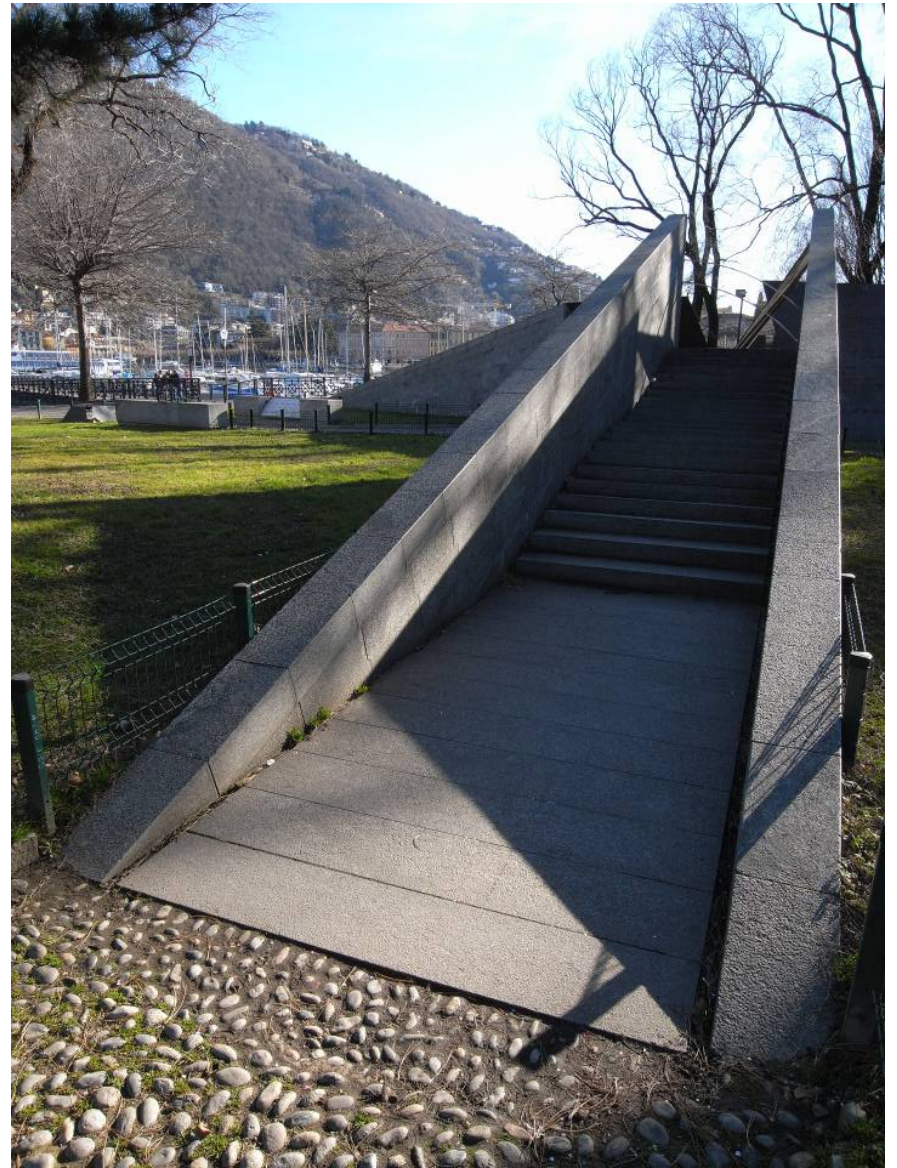


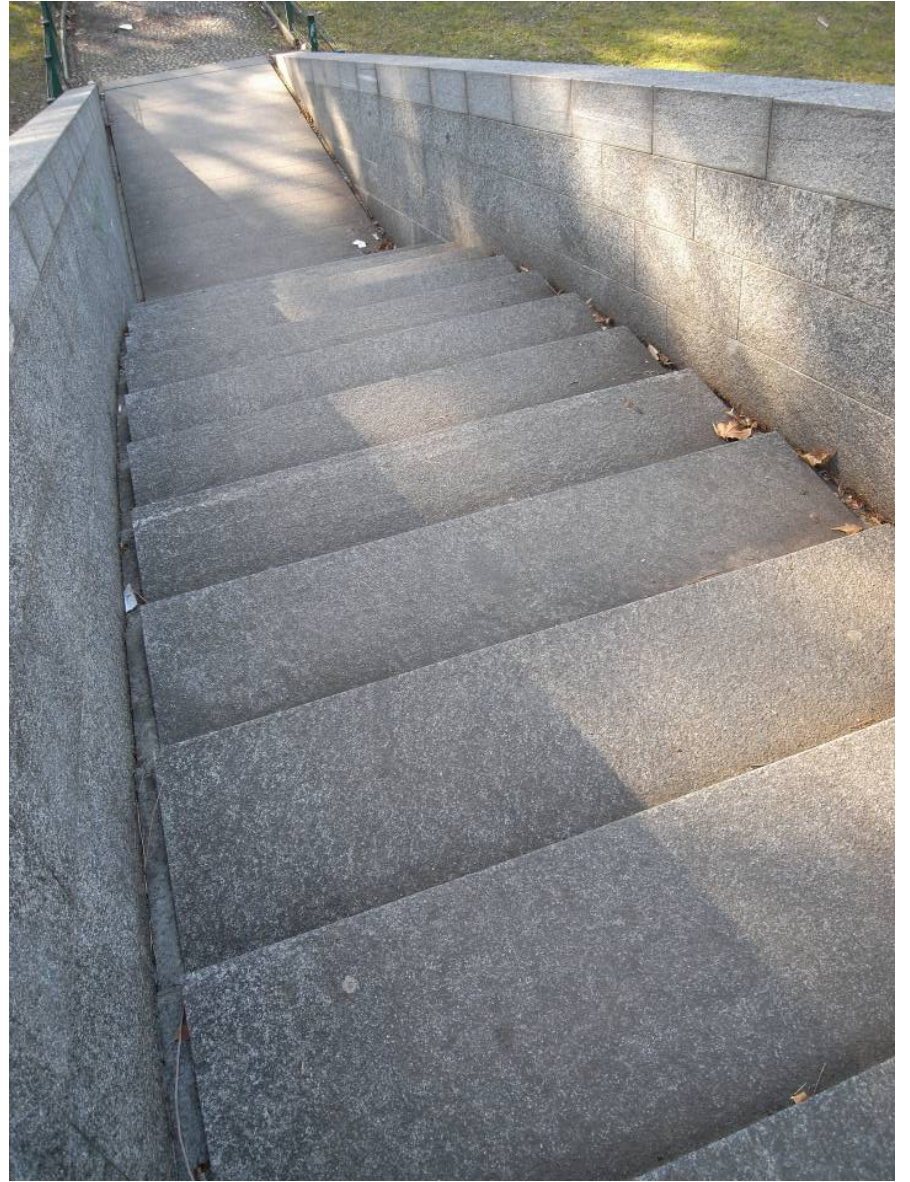


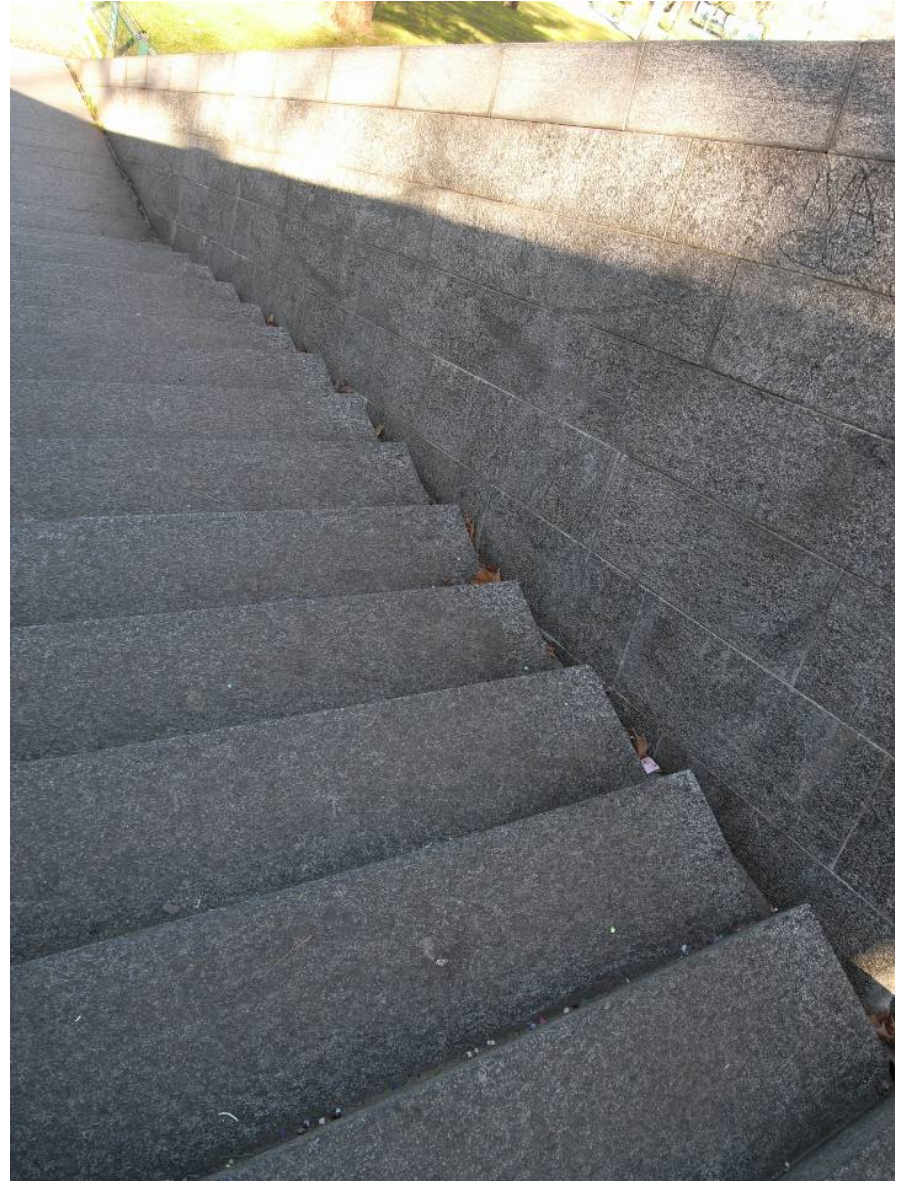
MONUMENTAL STAIRS



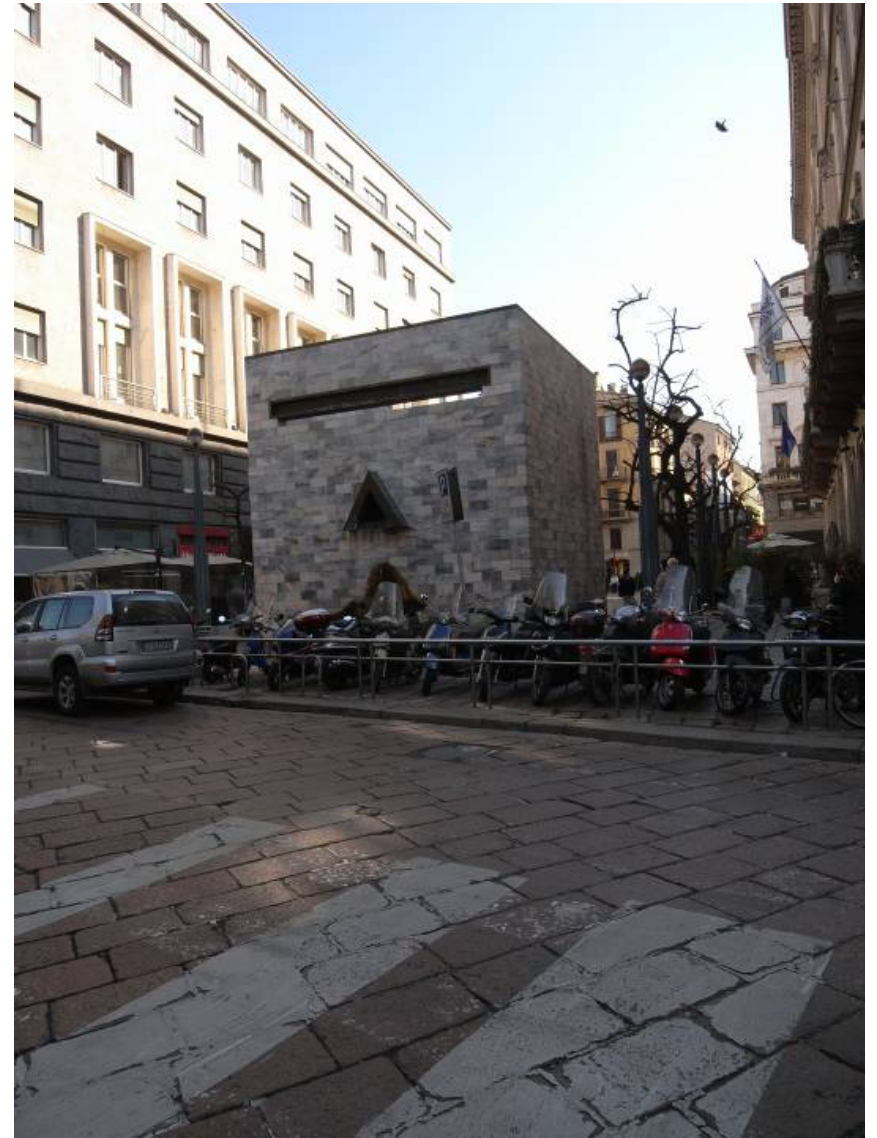
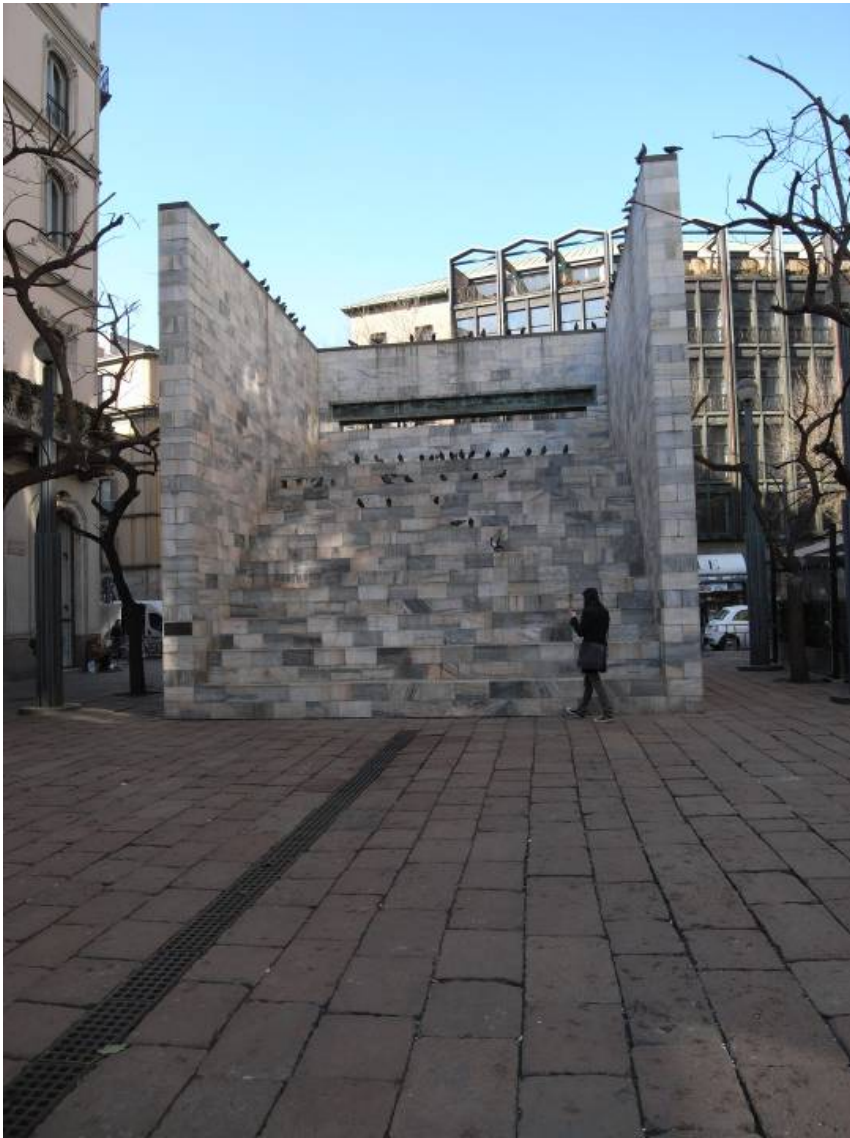
LAKE COMO. ITALY



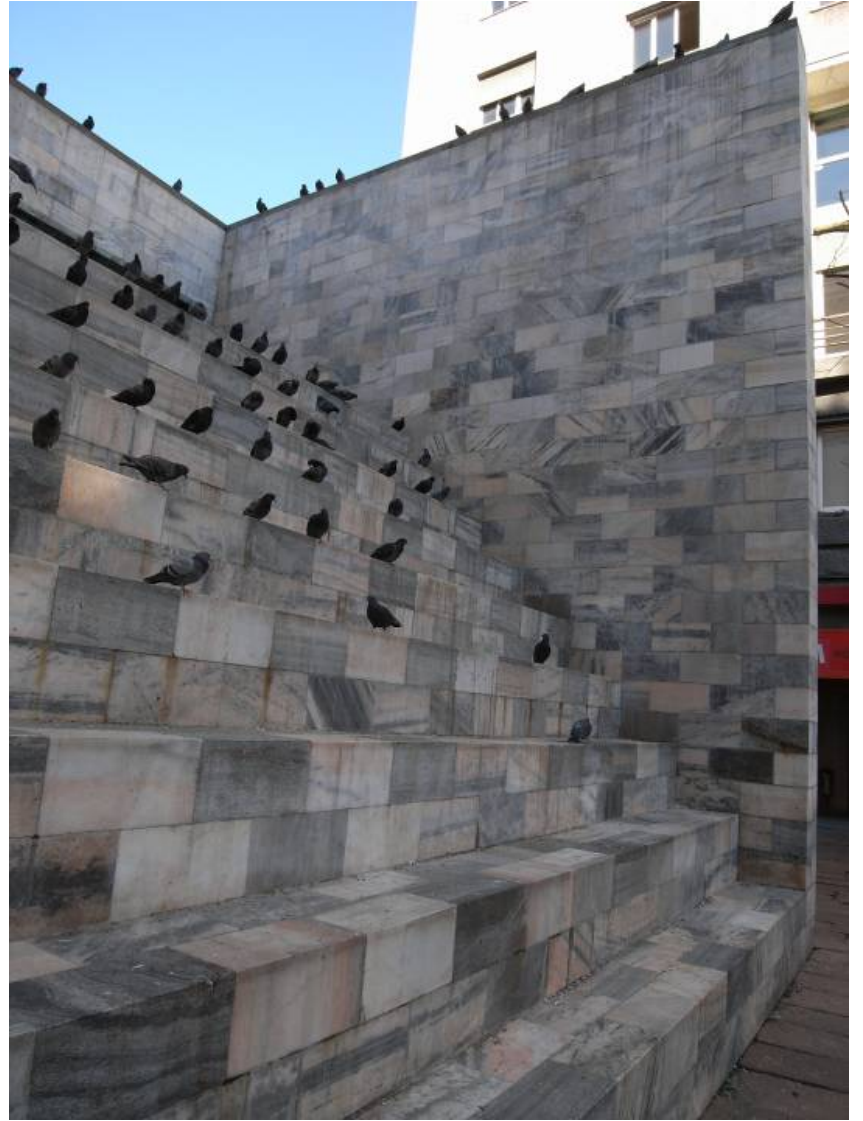
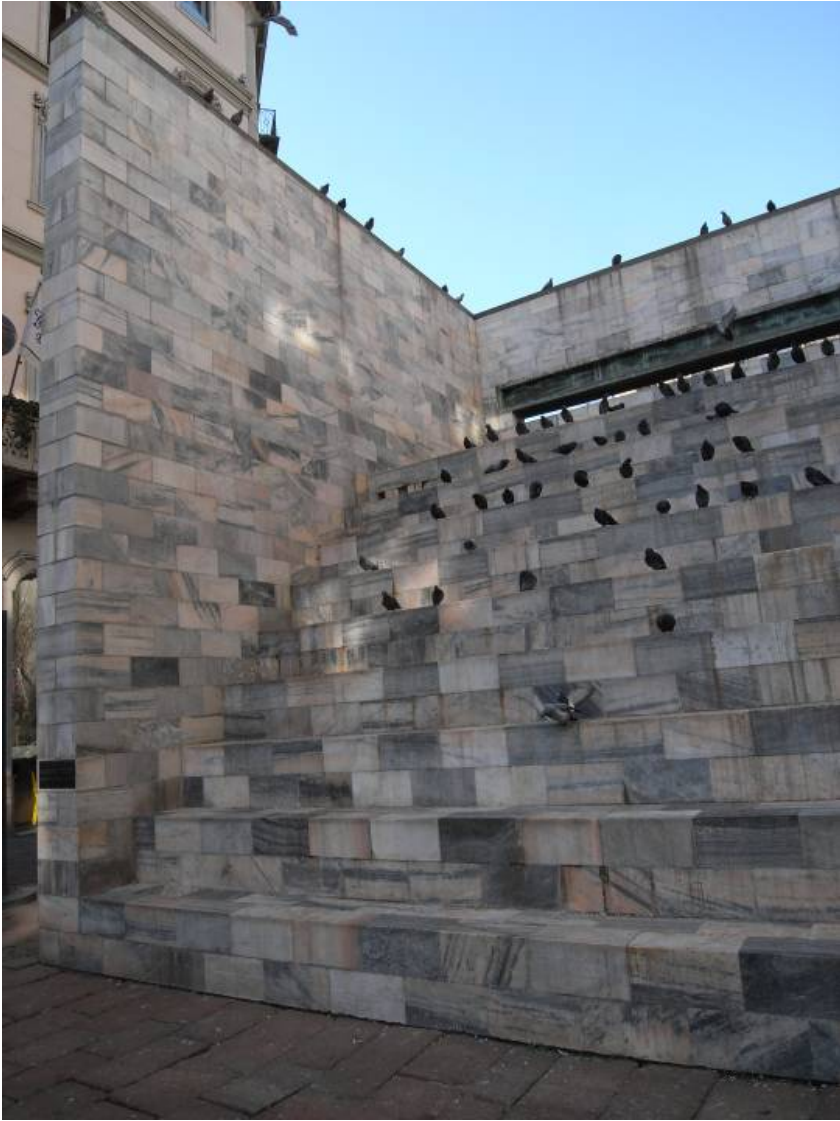






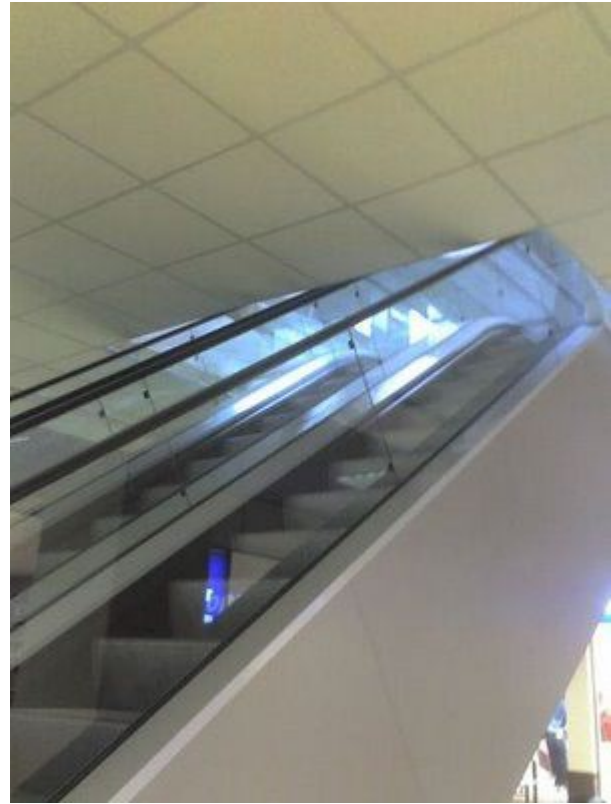


ALDO ROSSI. MILAN





FAILURE





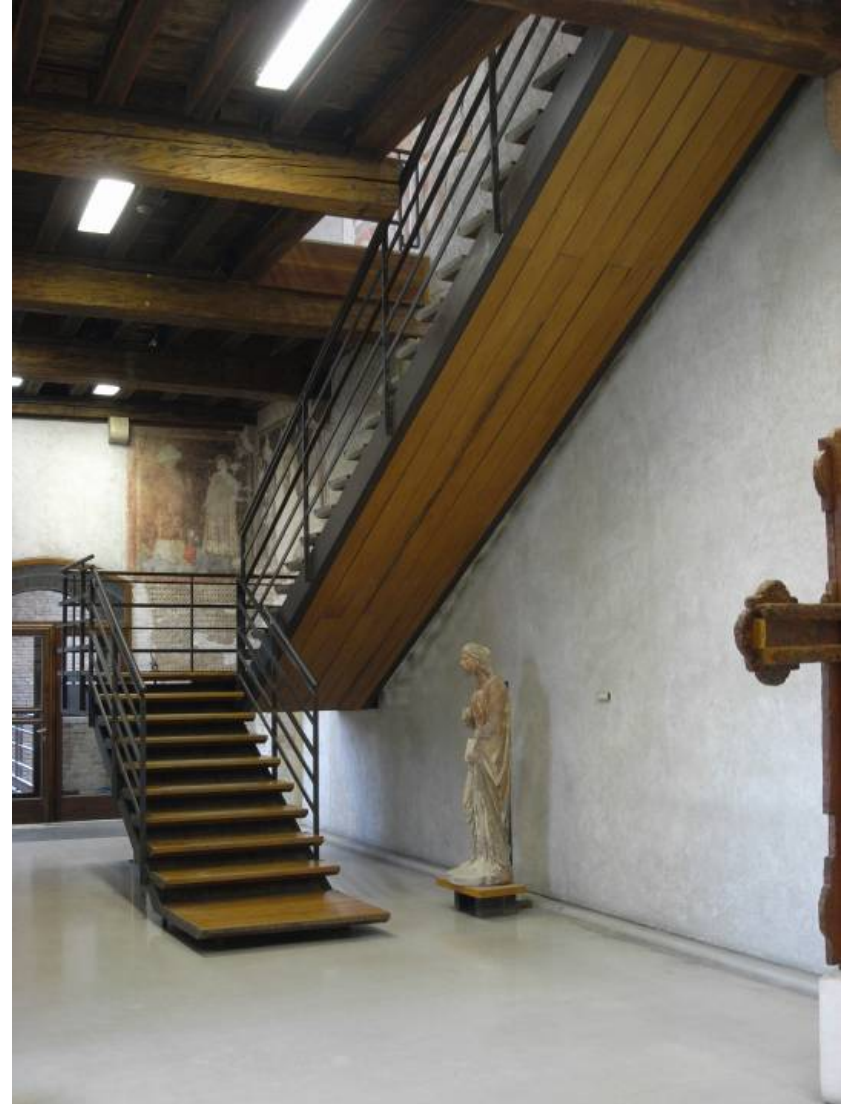
CASTLEVECCHIO

CASE STUDY

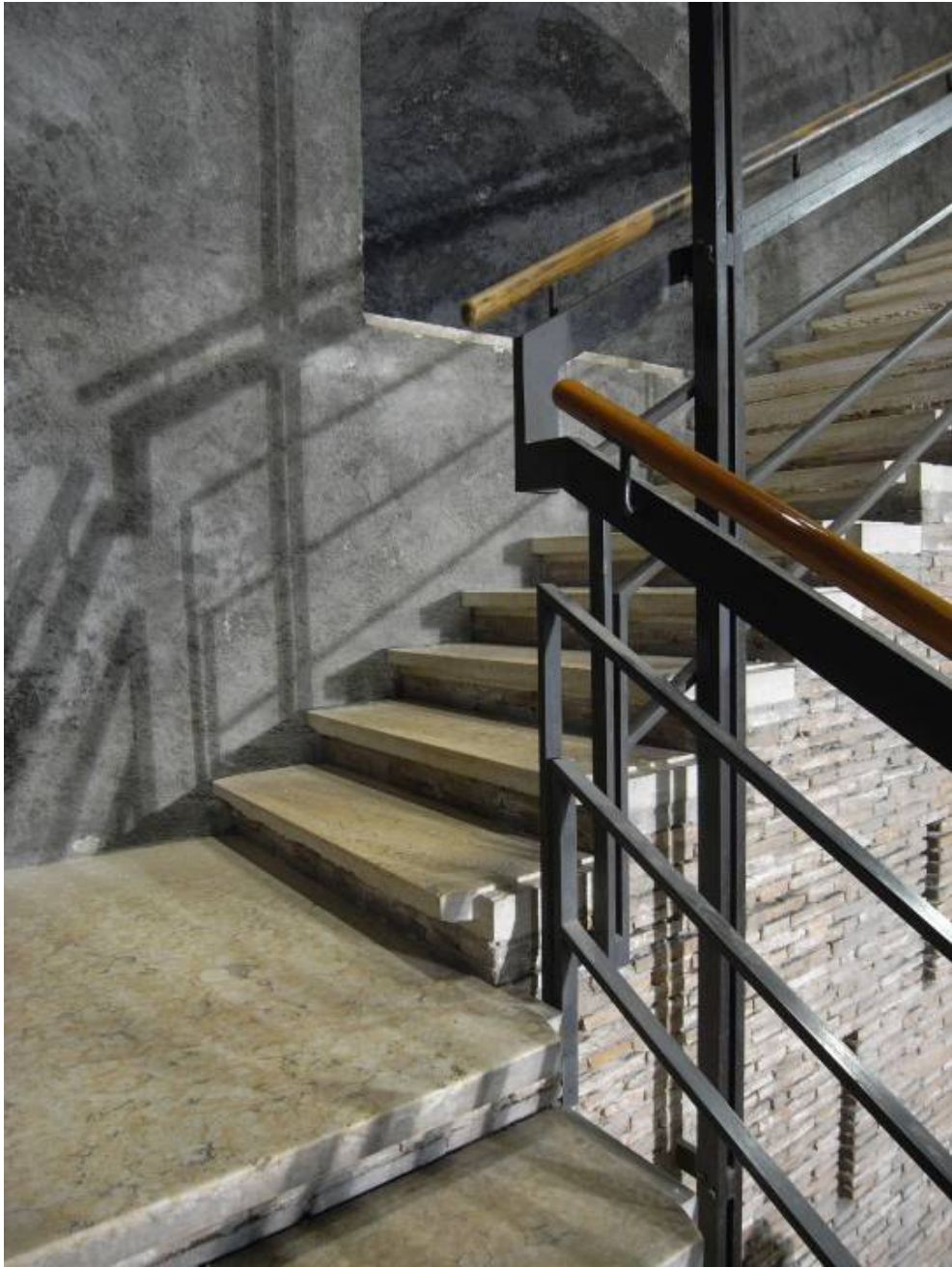
CARLO SCARPA

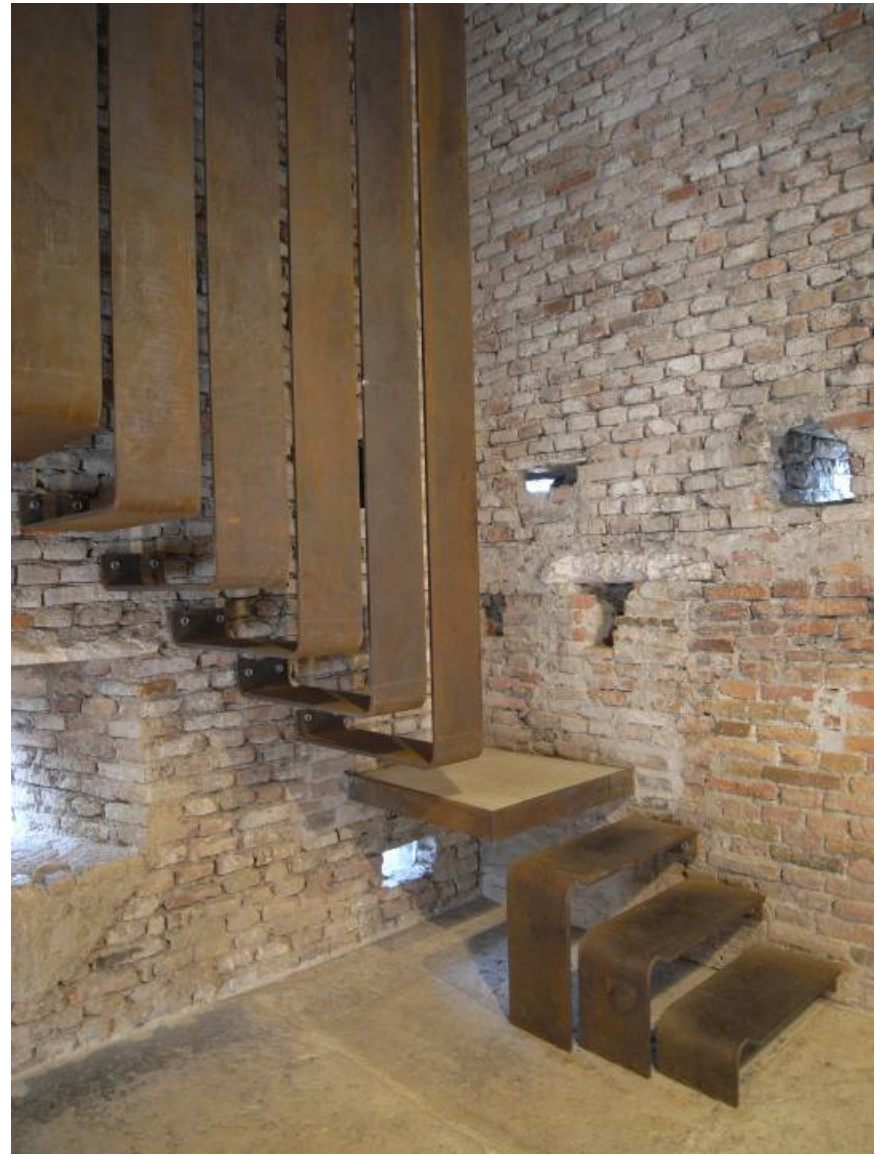


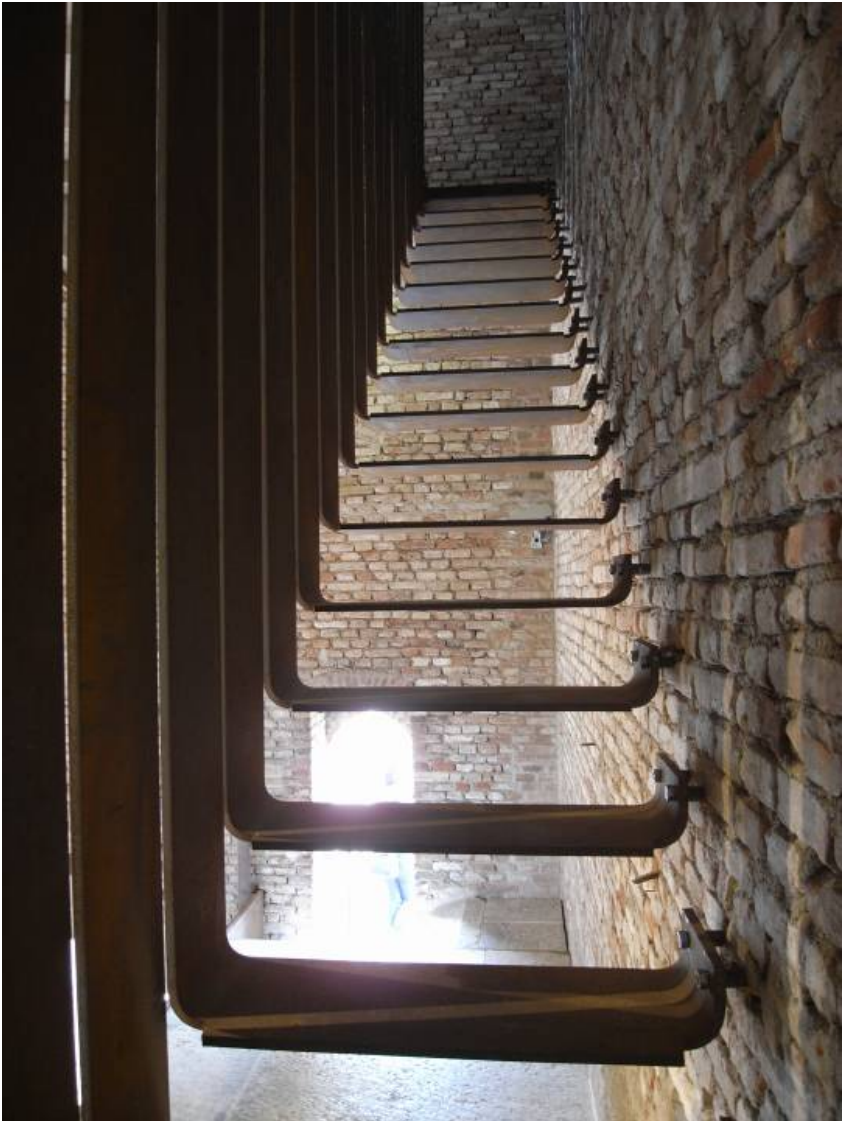
























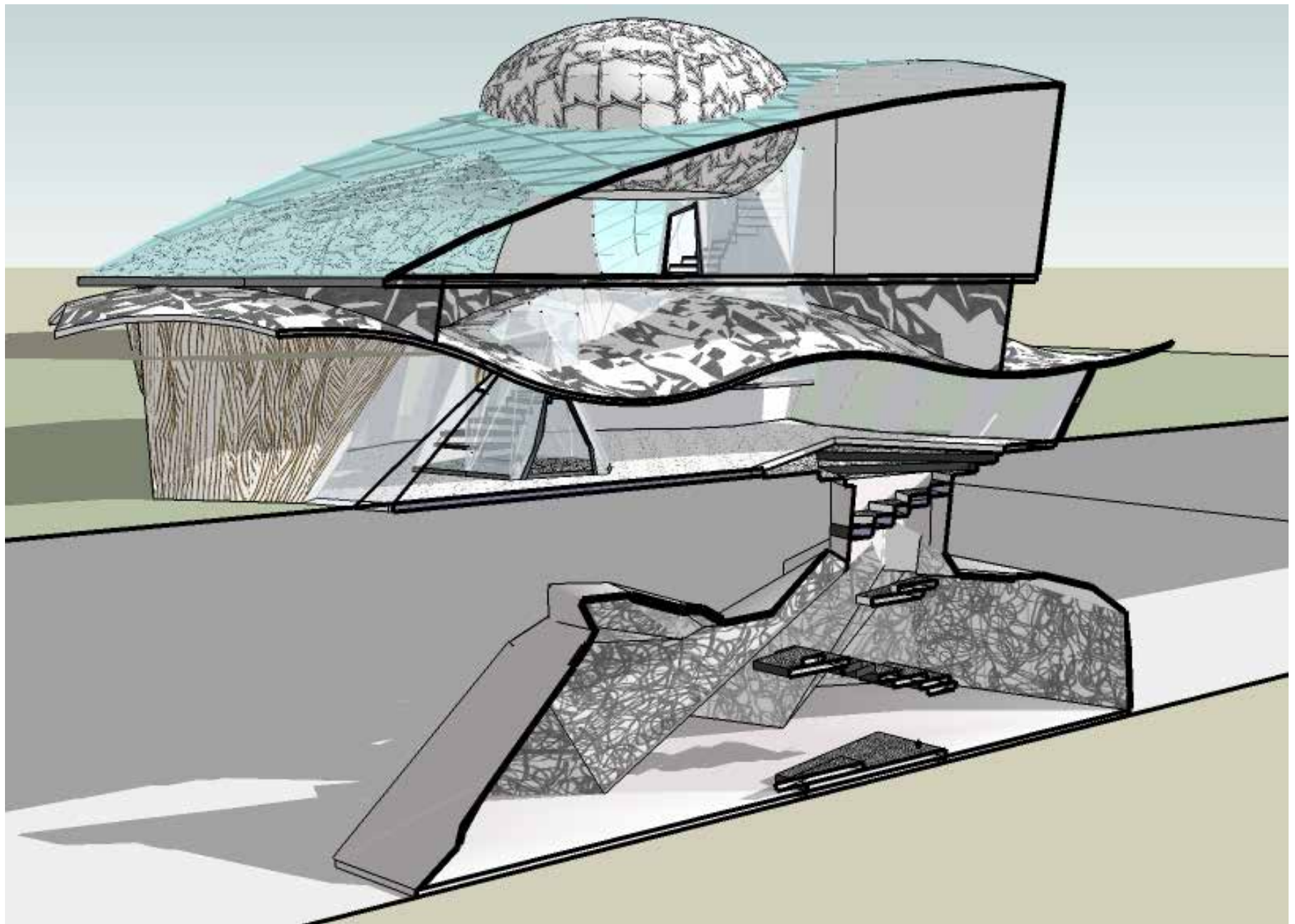


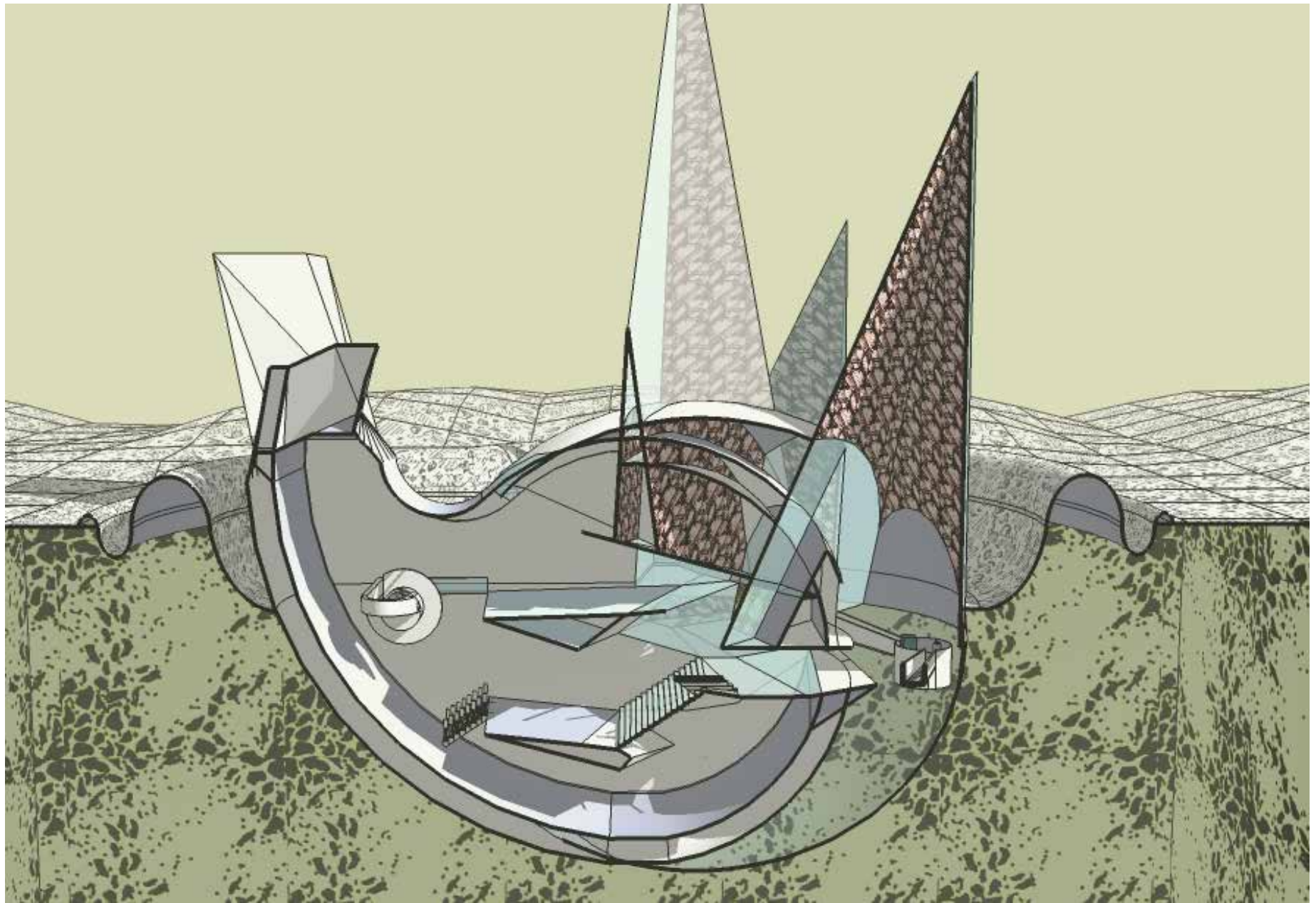


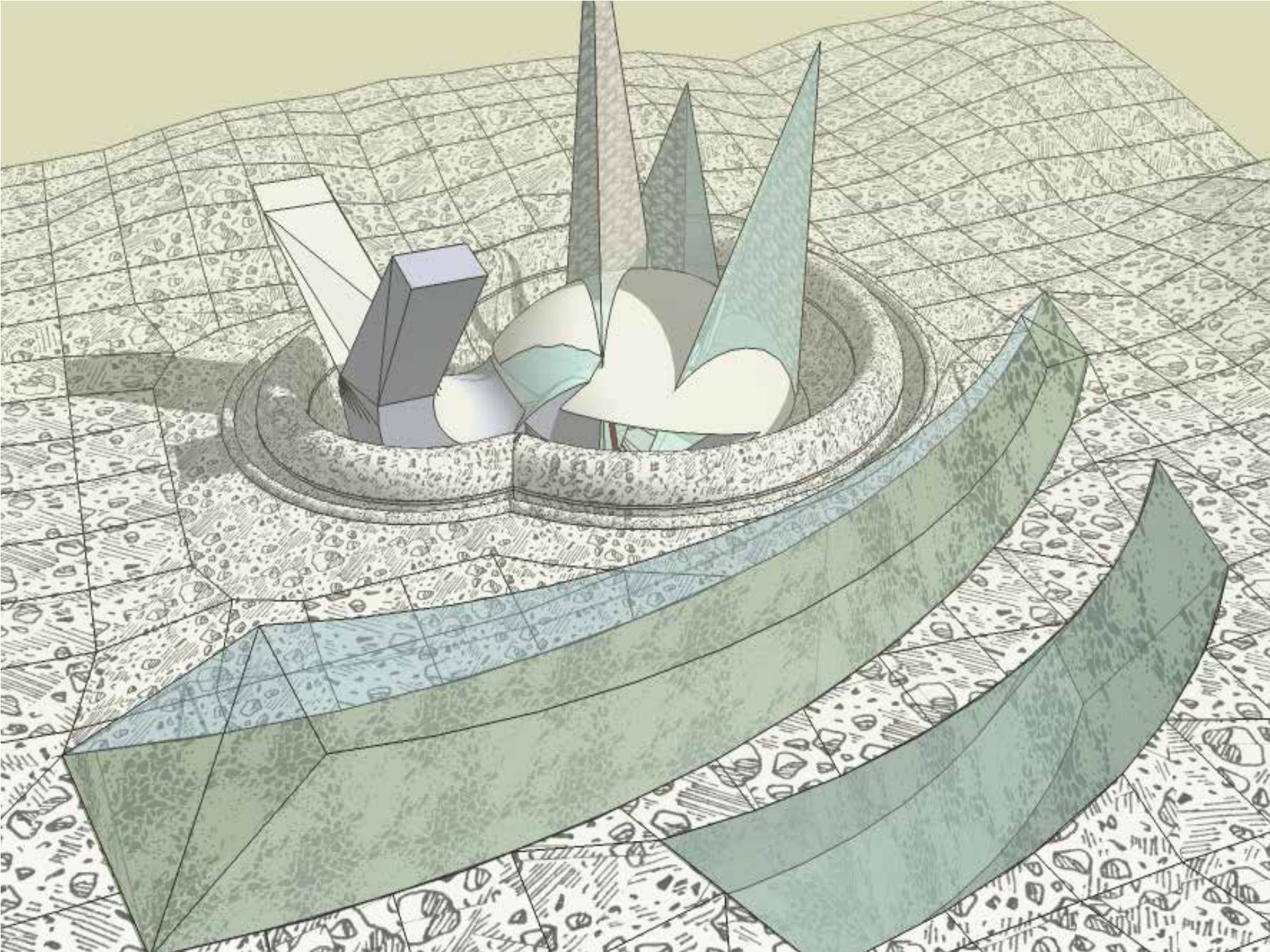


ARCHITECTURE DESIGN STUDIO ARCH1101

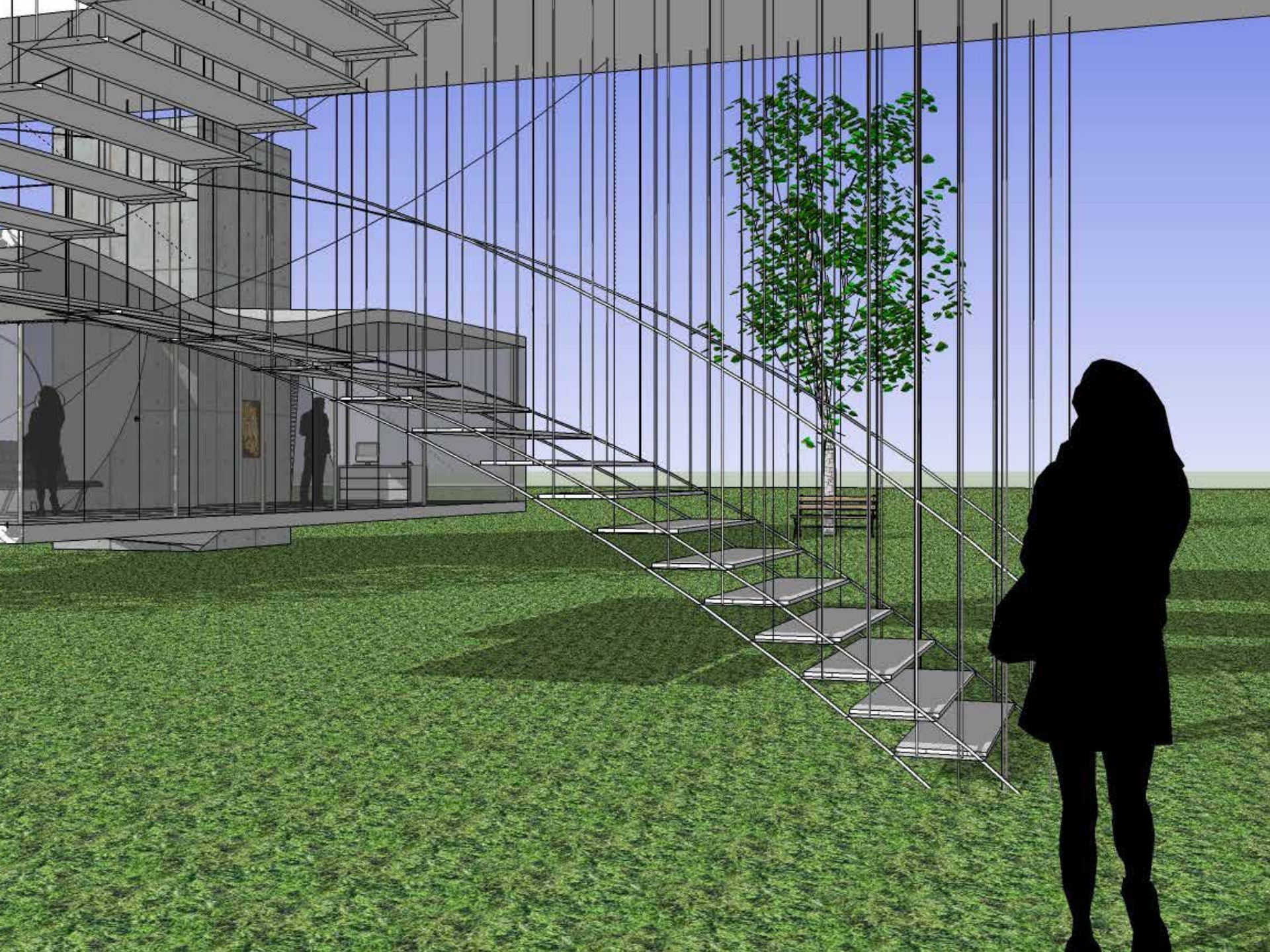
STUDENT WORK



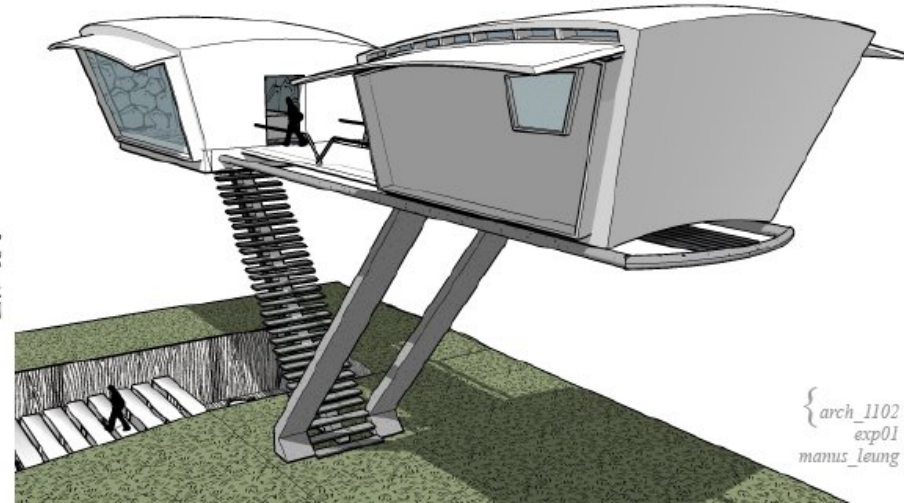
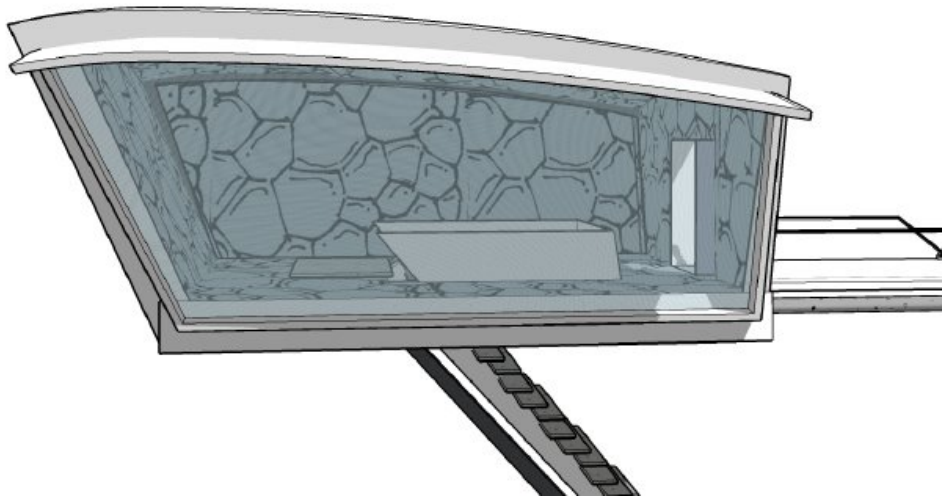
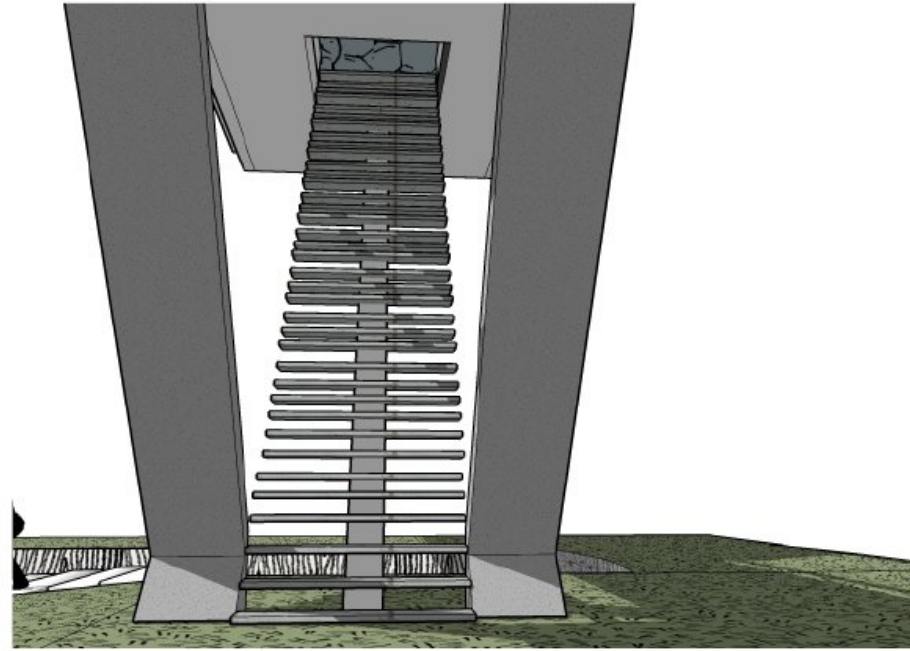
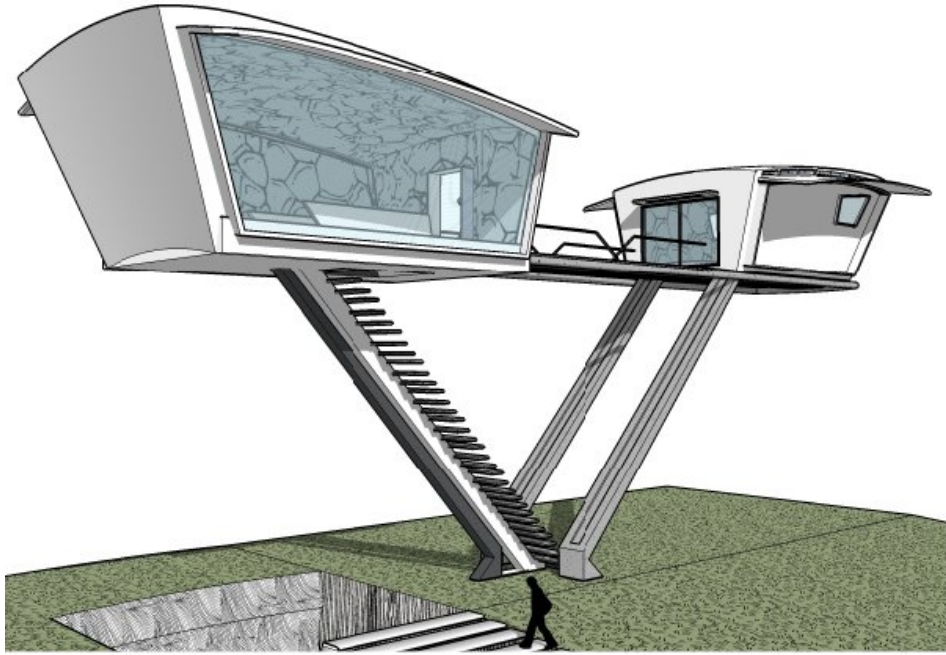


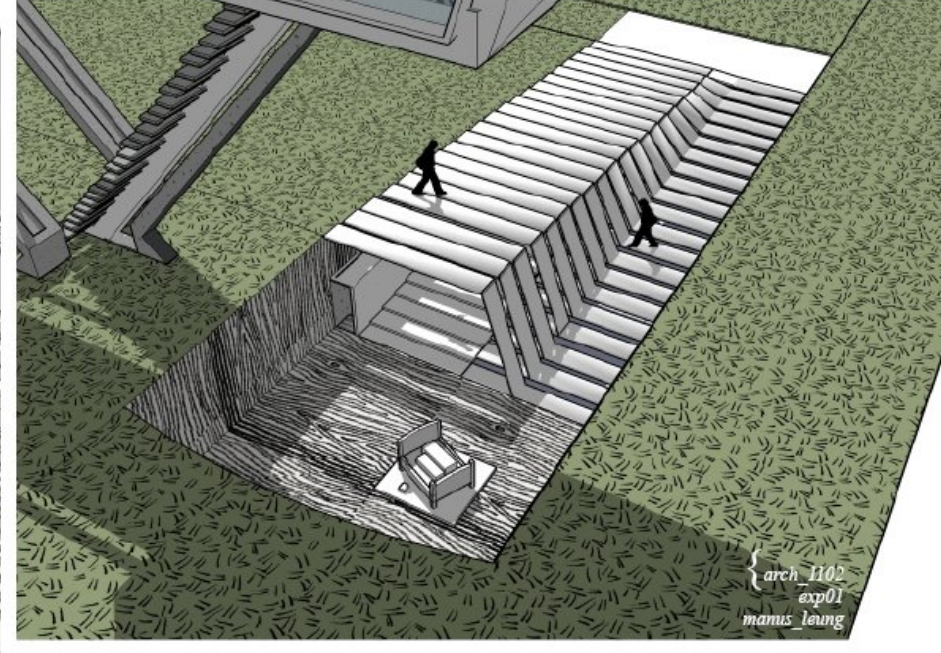
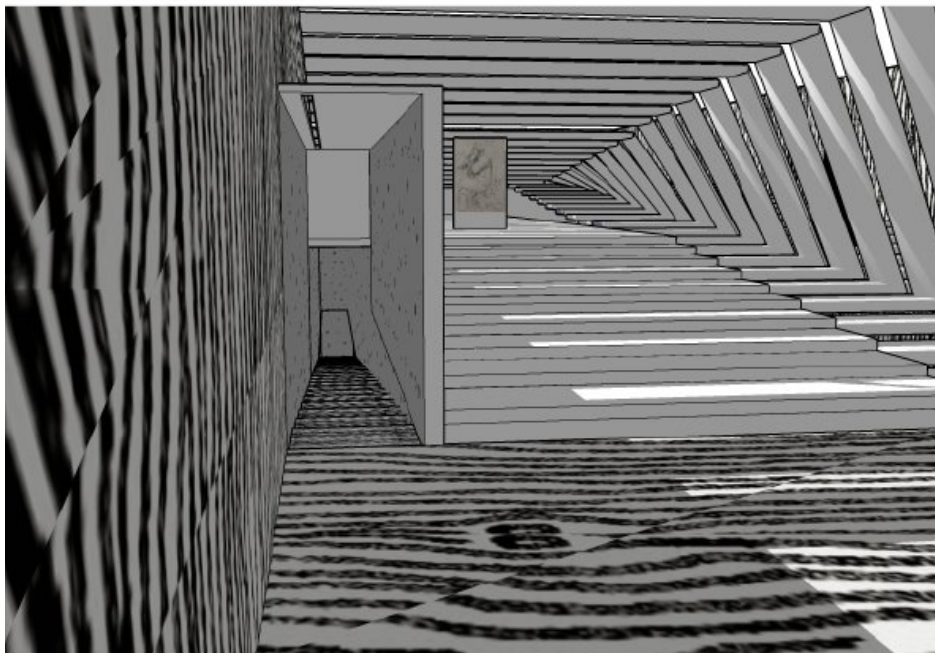
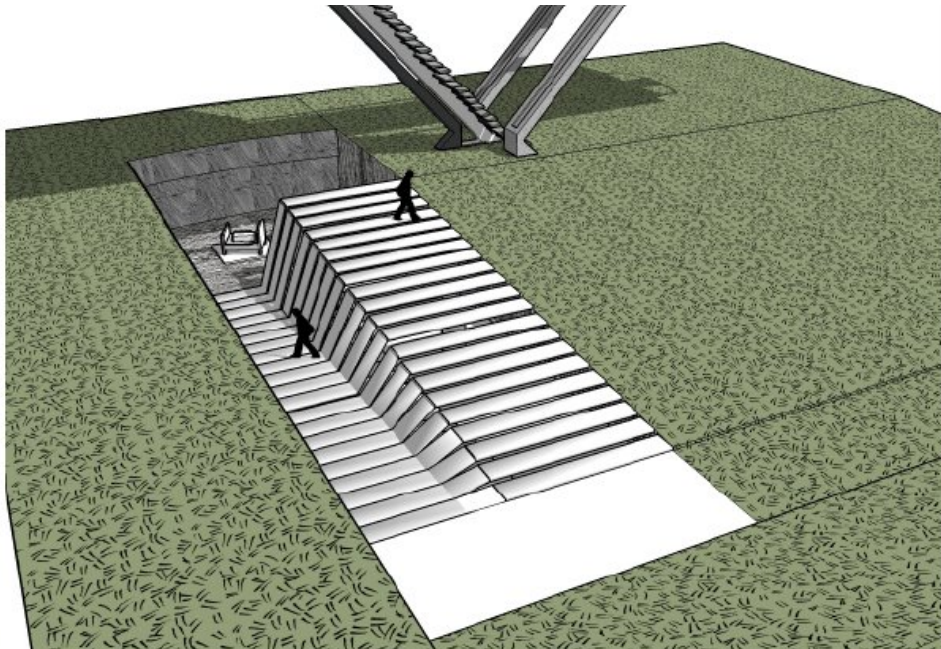
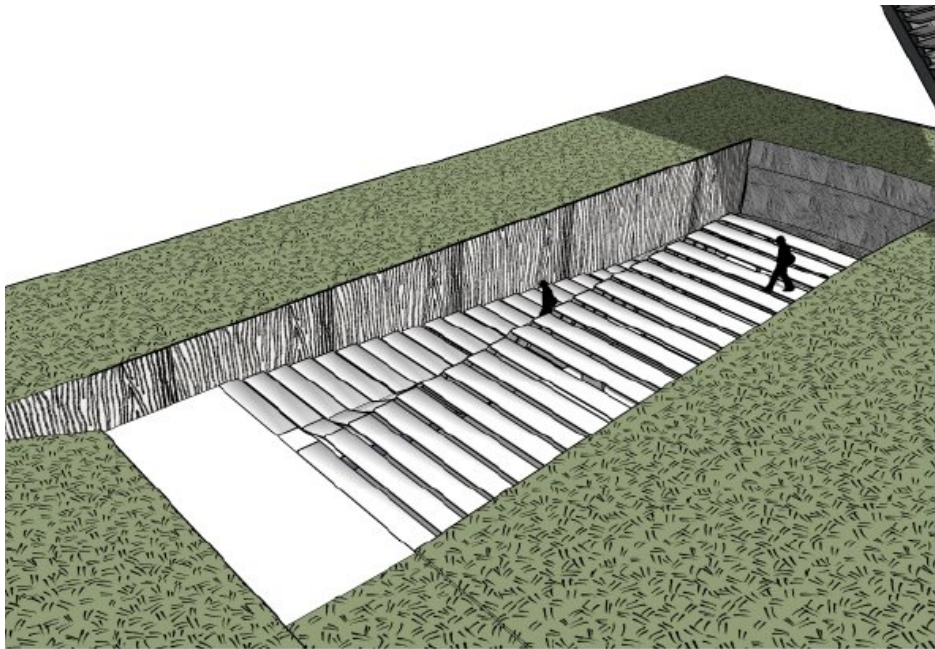








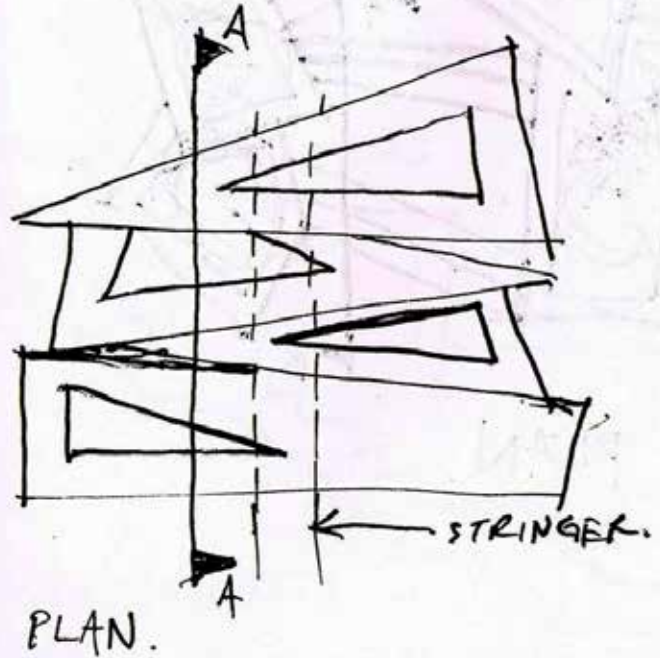
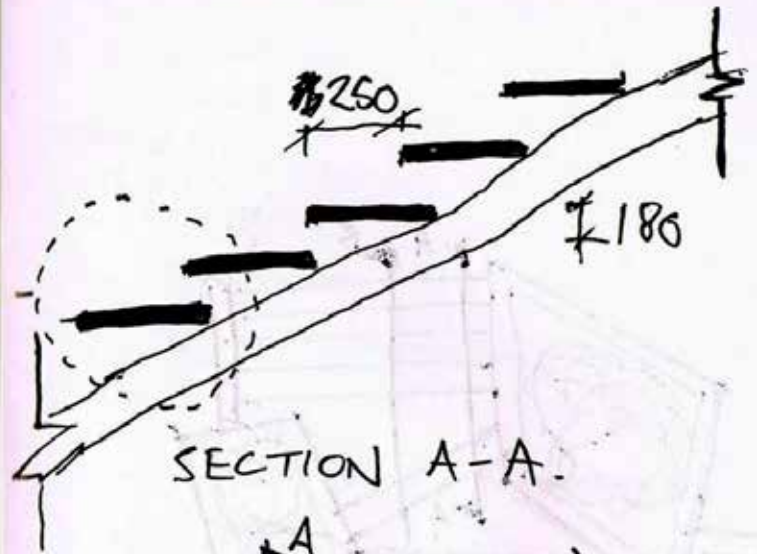
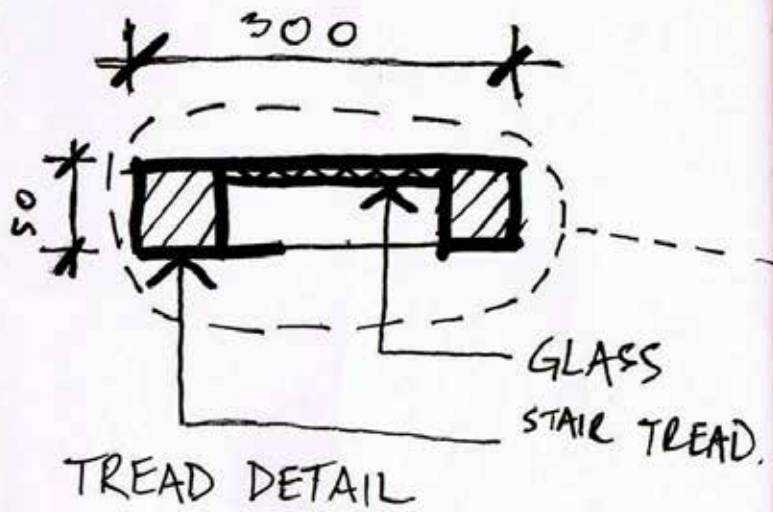


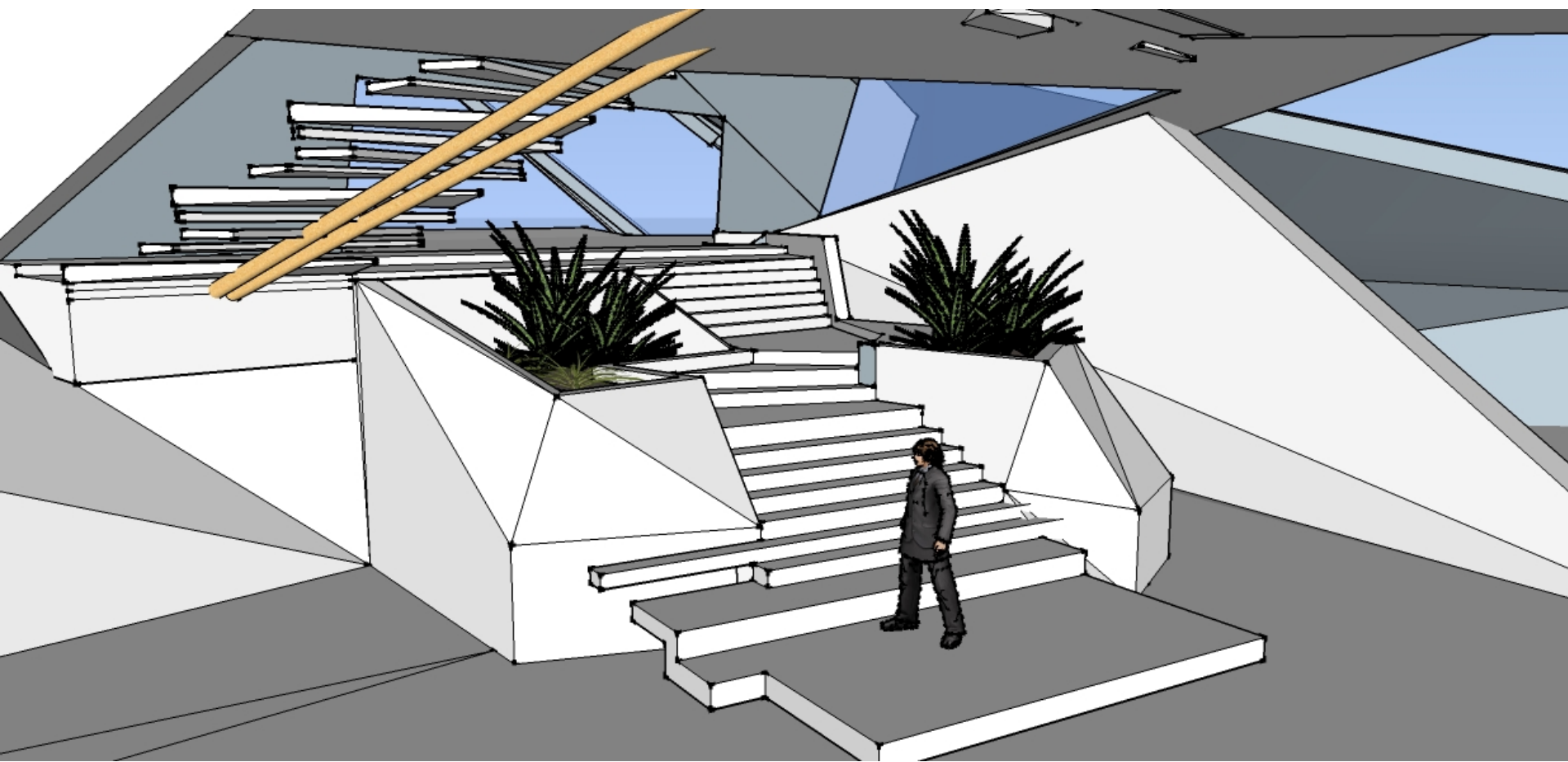


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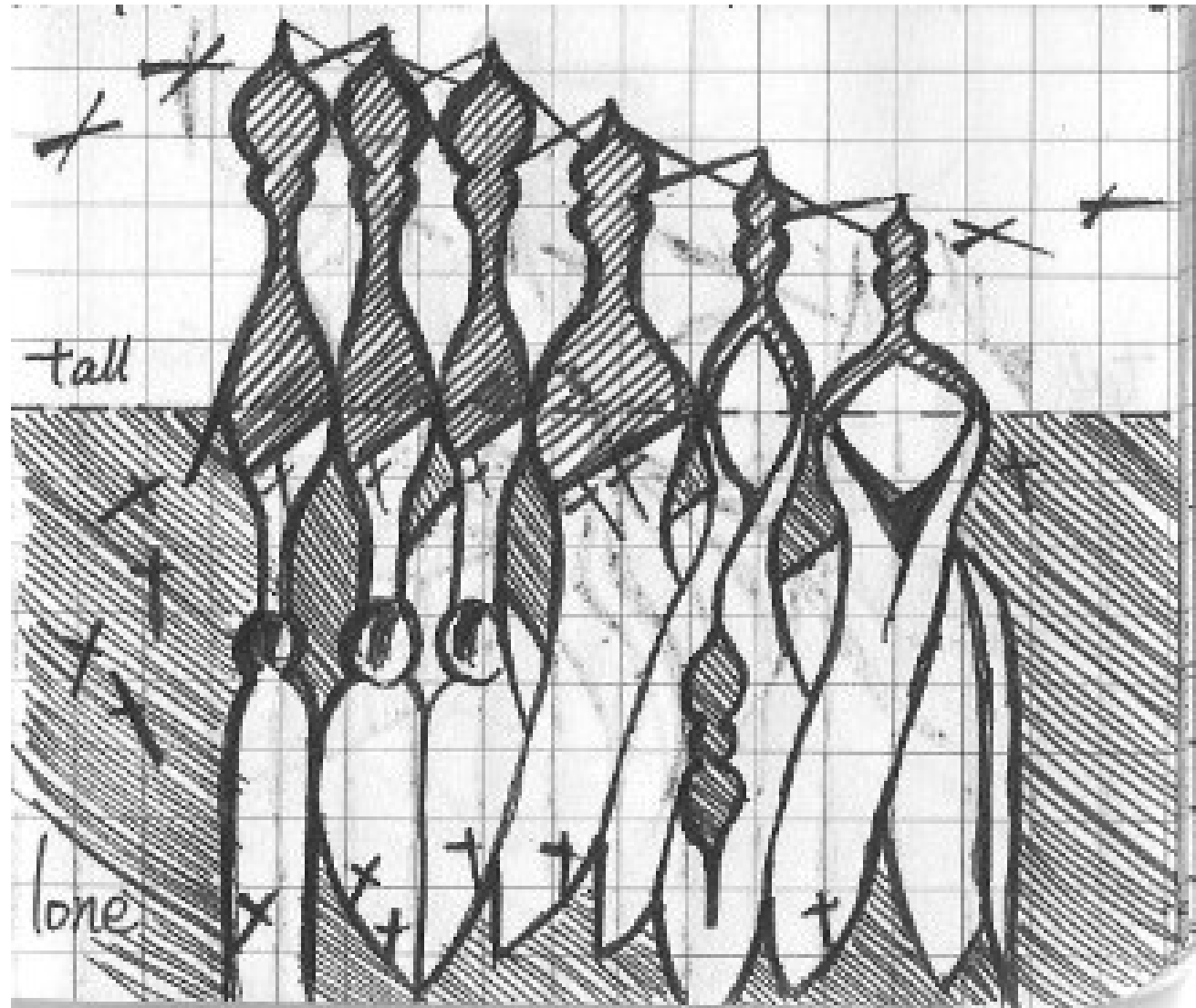
HAYDEN

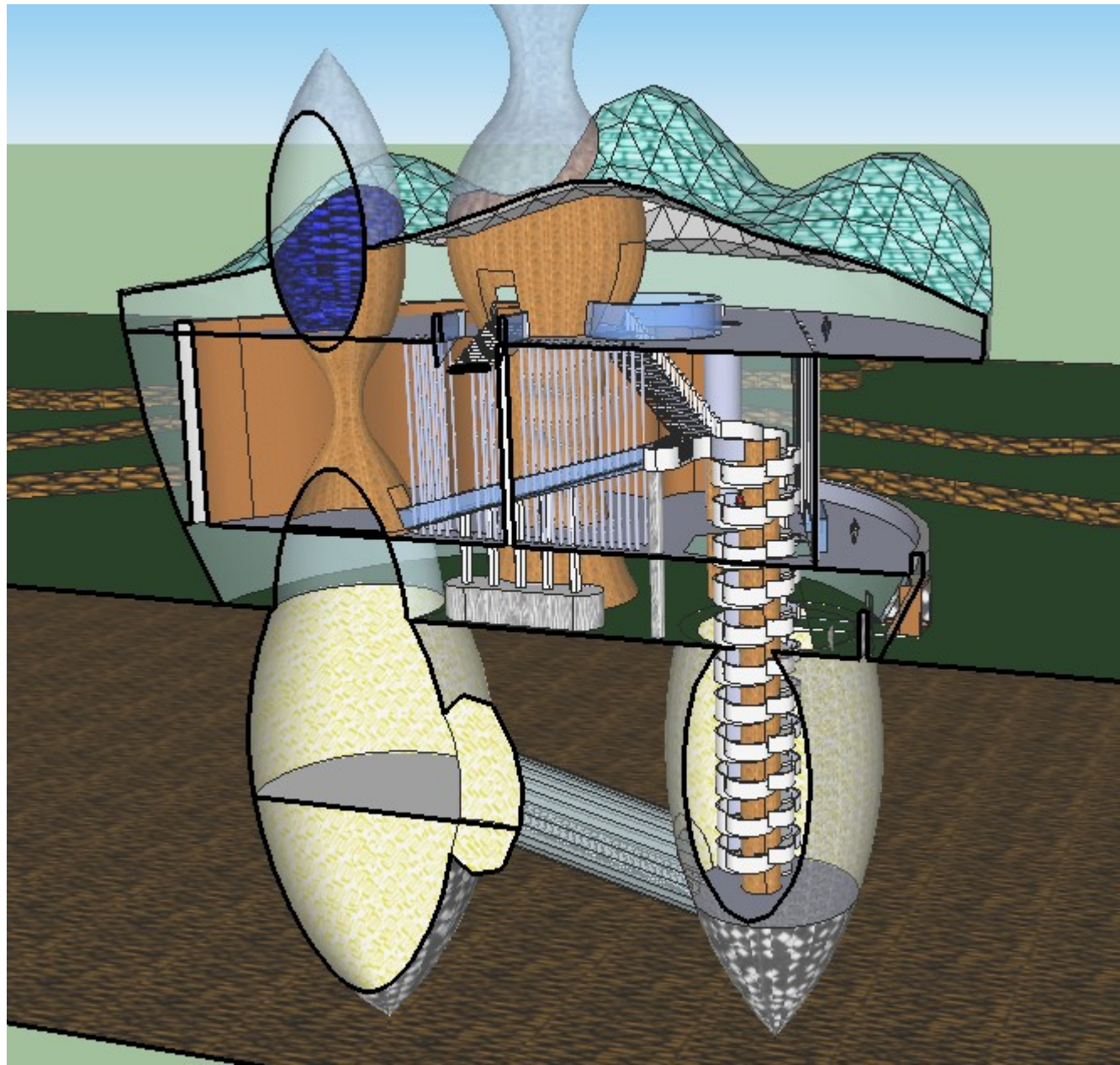
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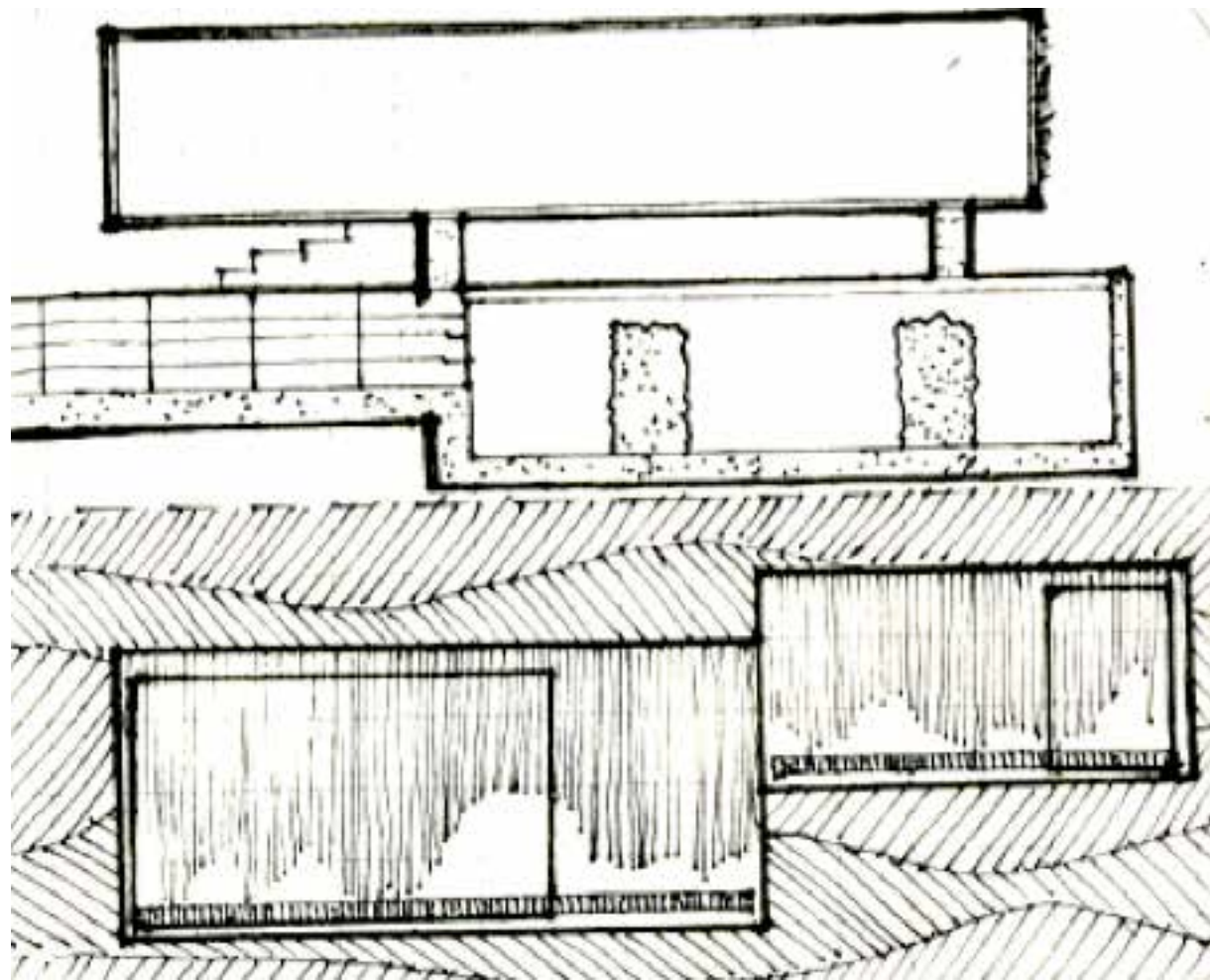


LI QIAN



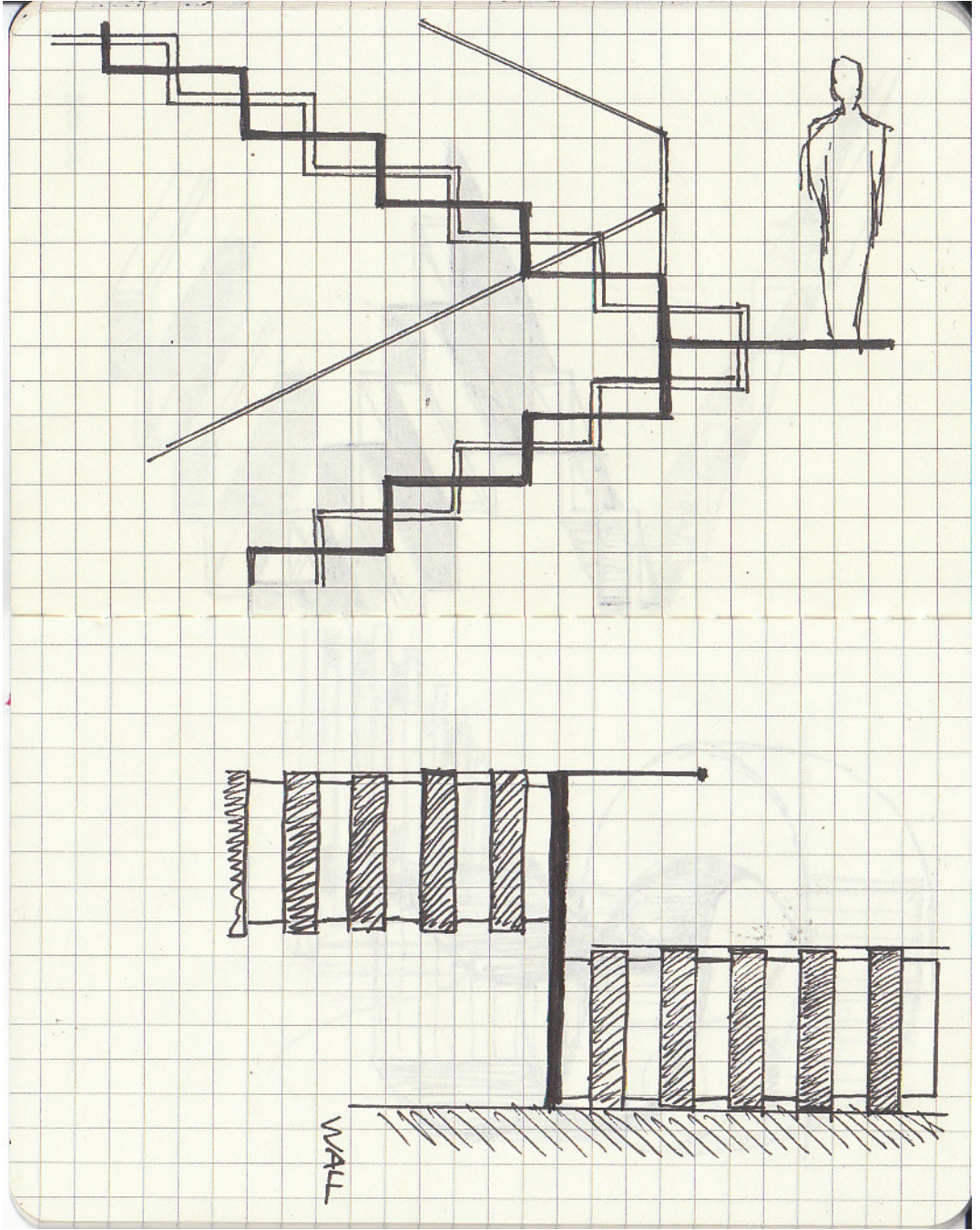


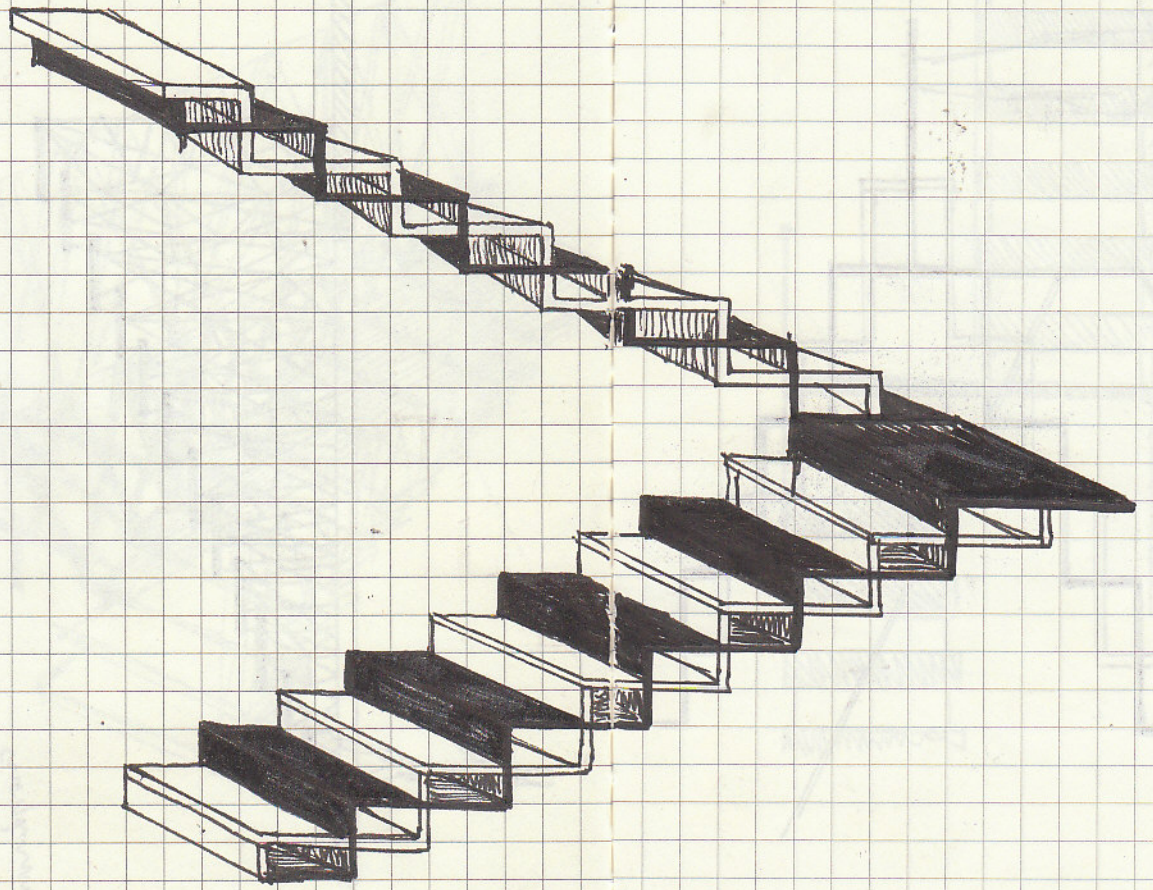
REMI CRICK



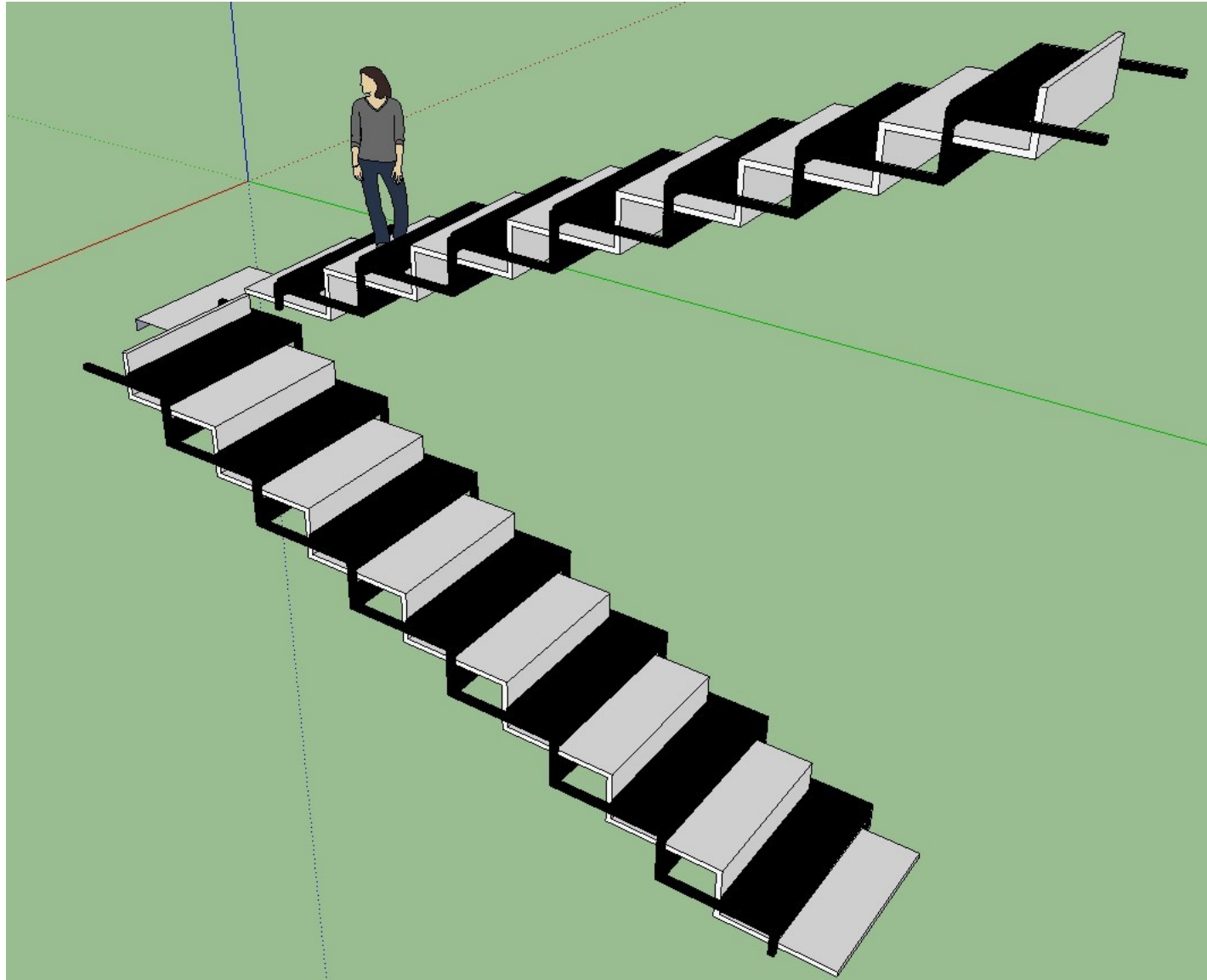


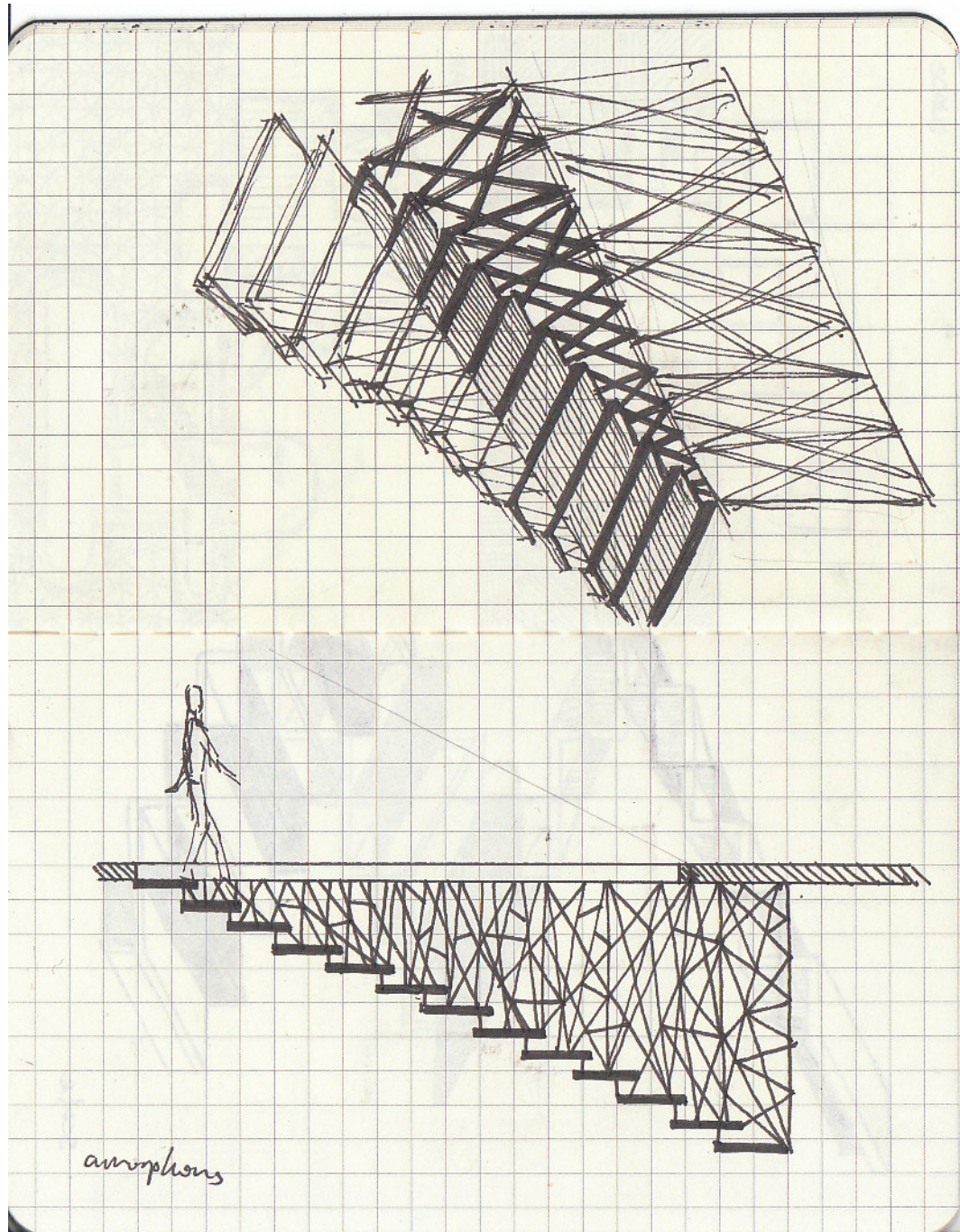
YIMING SONG



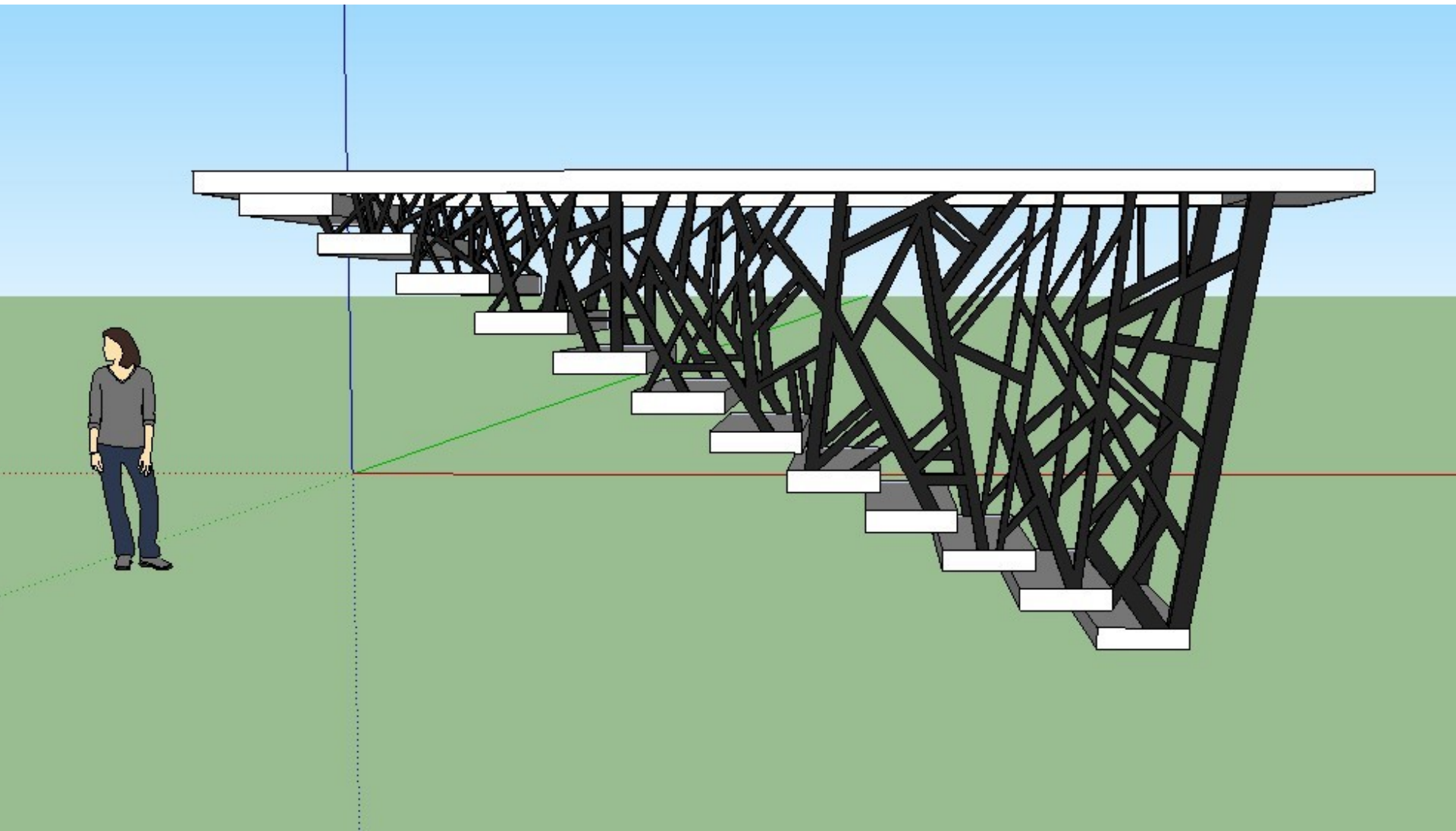


scale

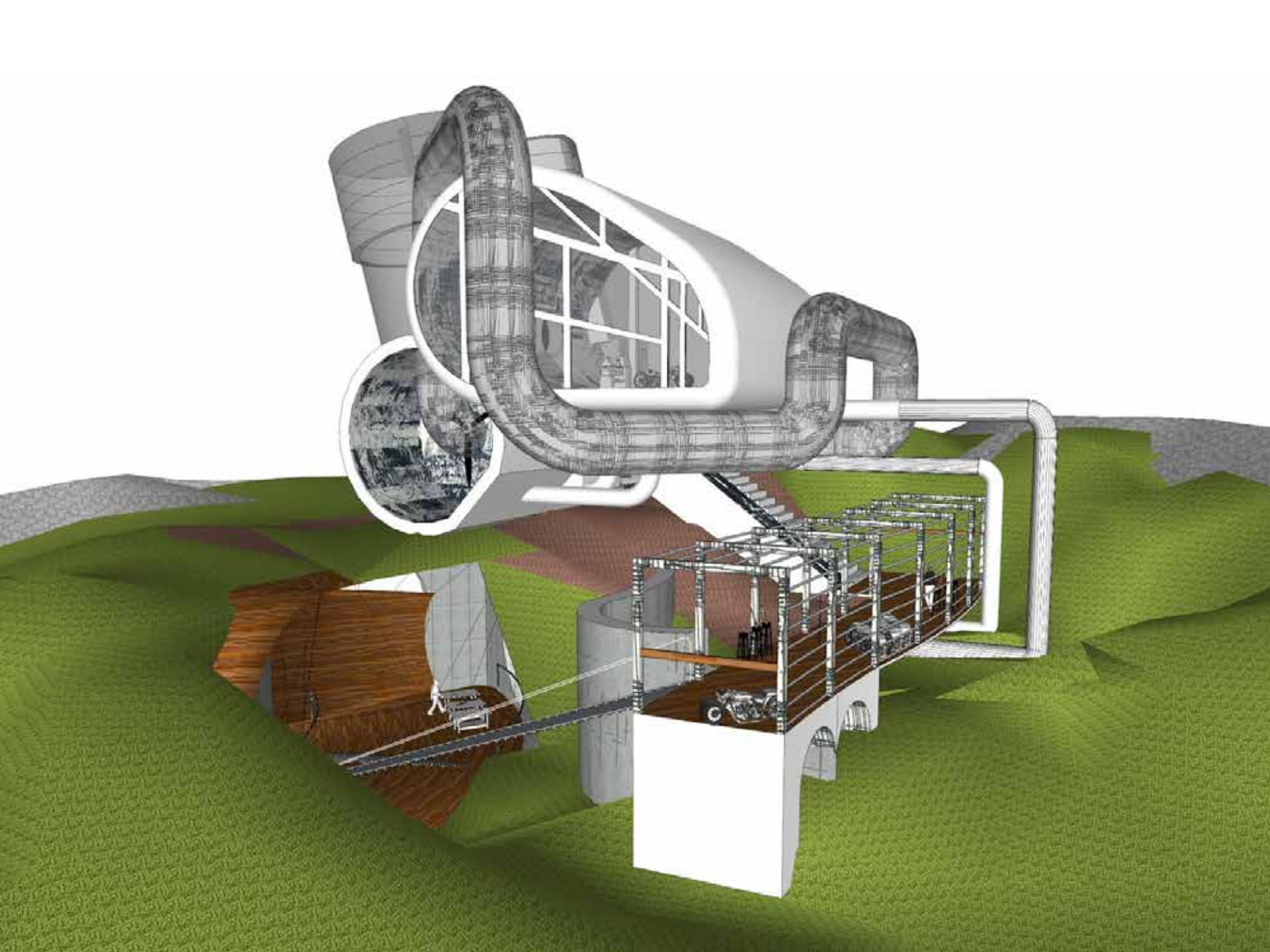


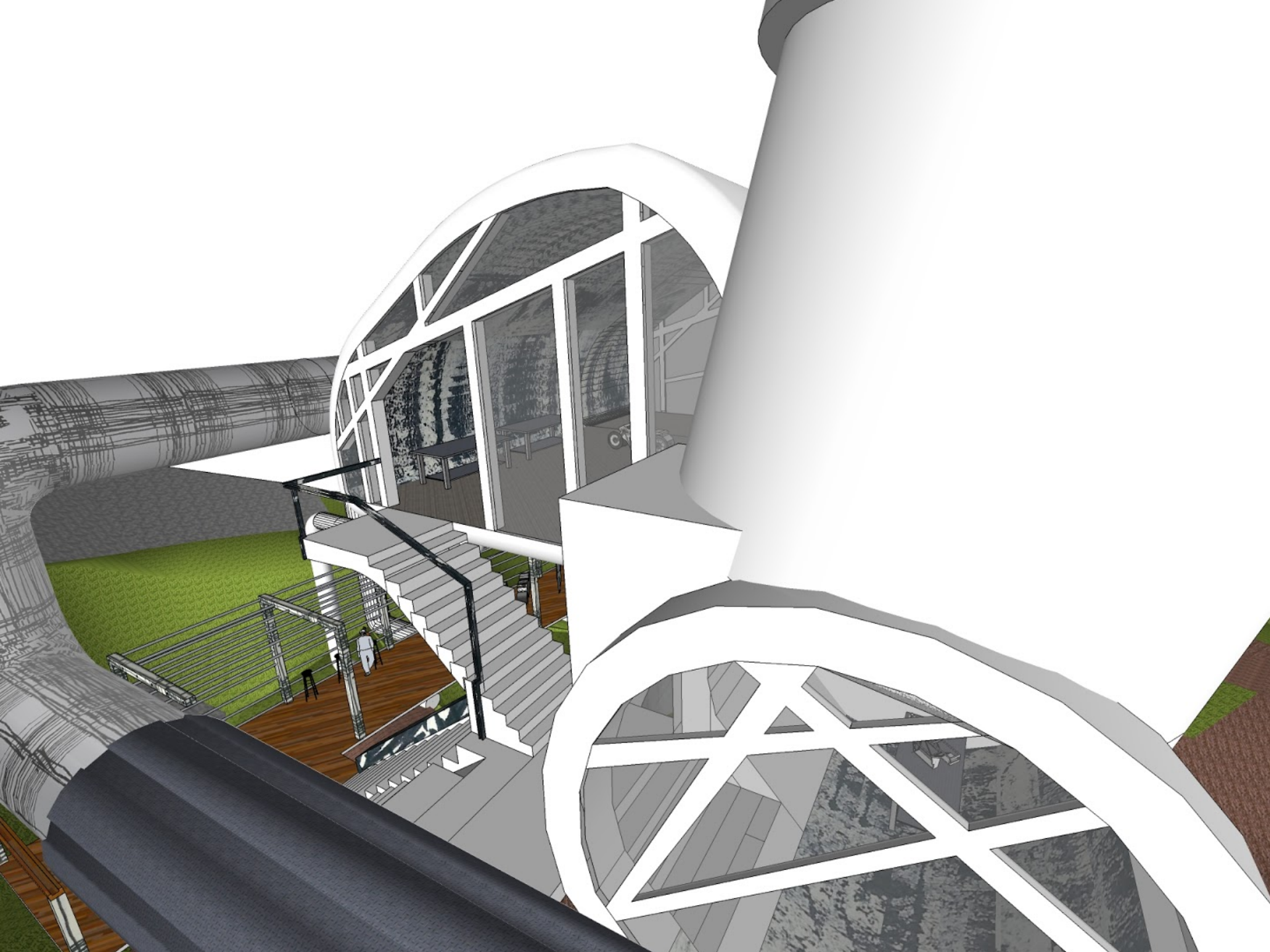


amorphous



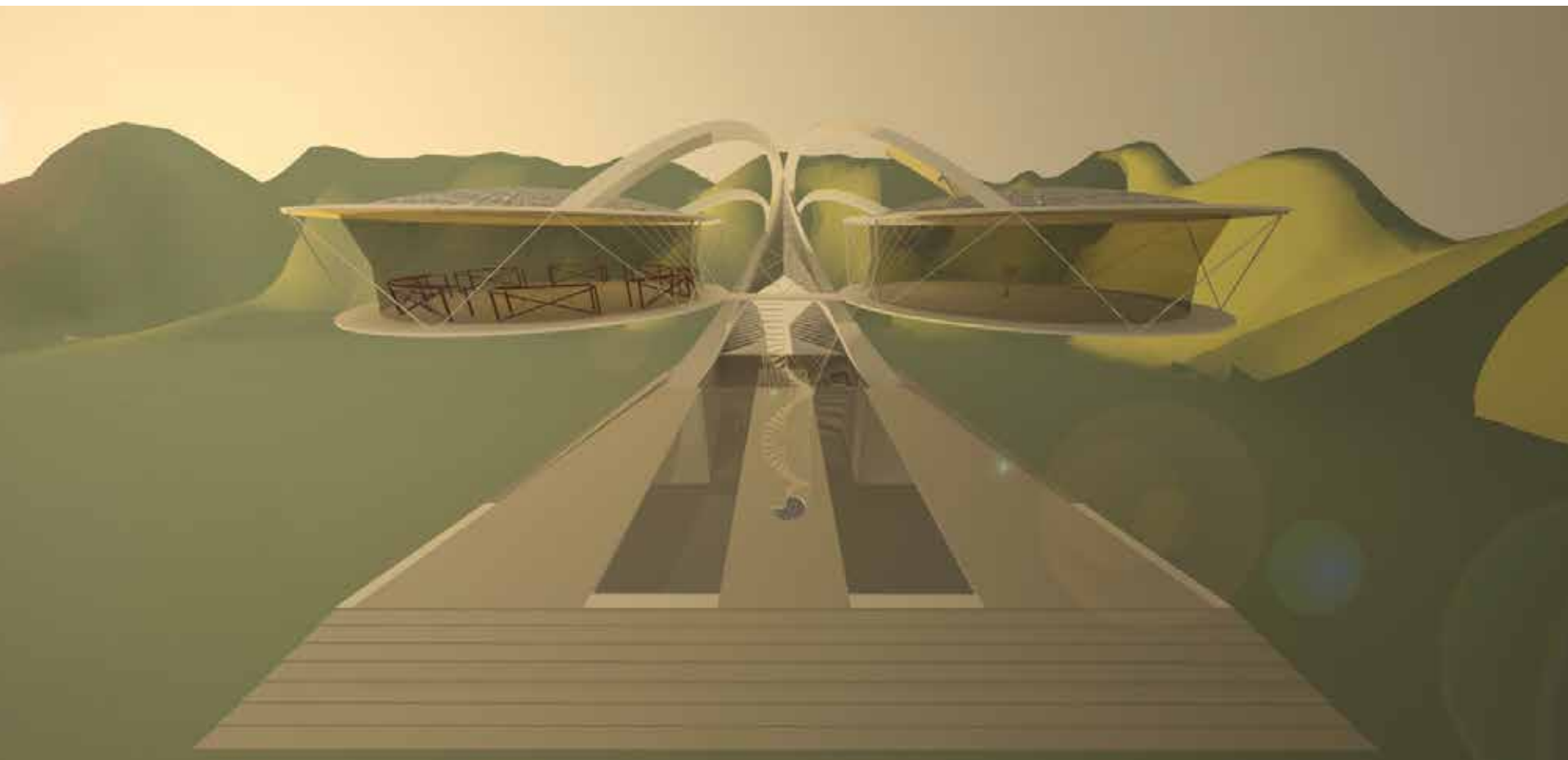
ANDREW WEETMAN

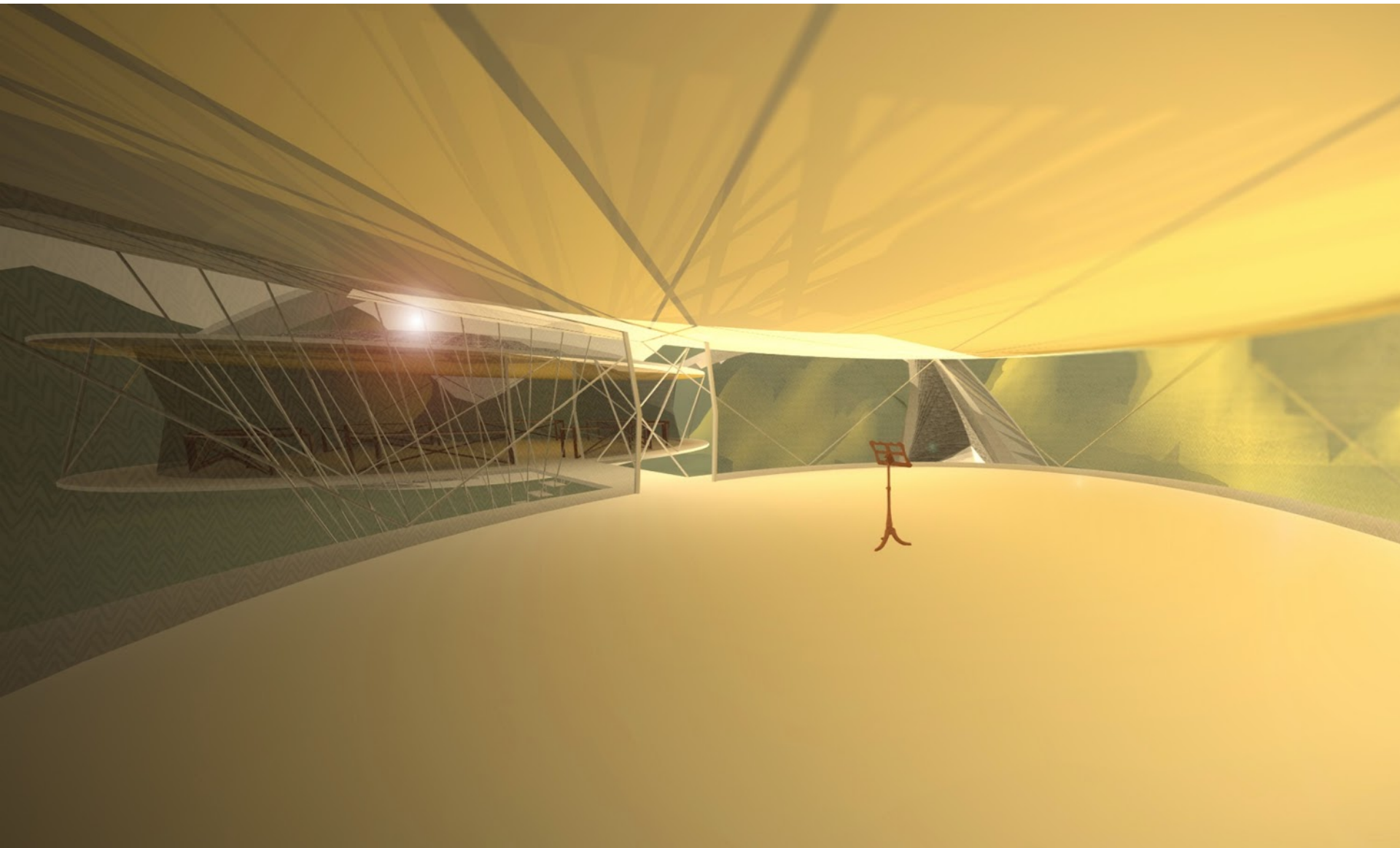


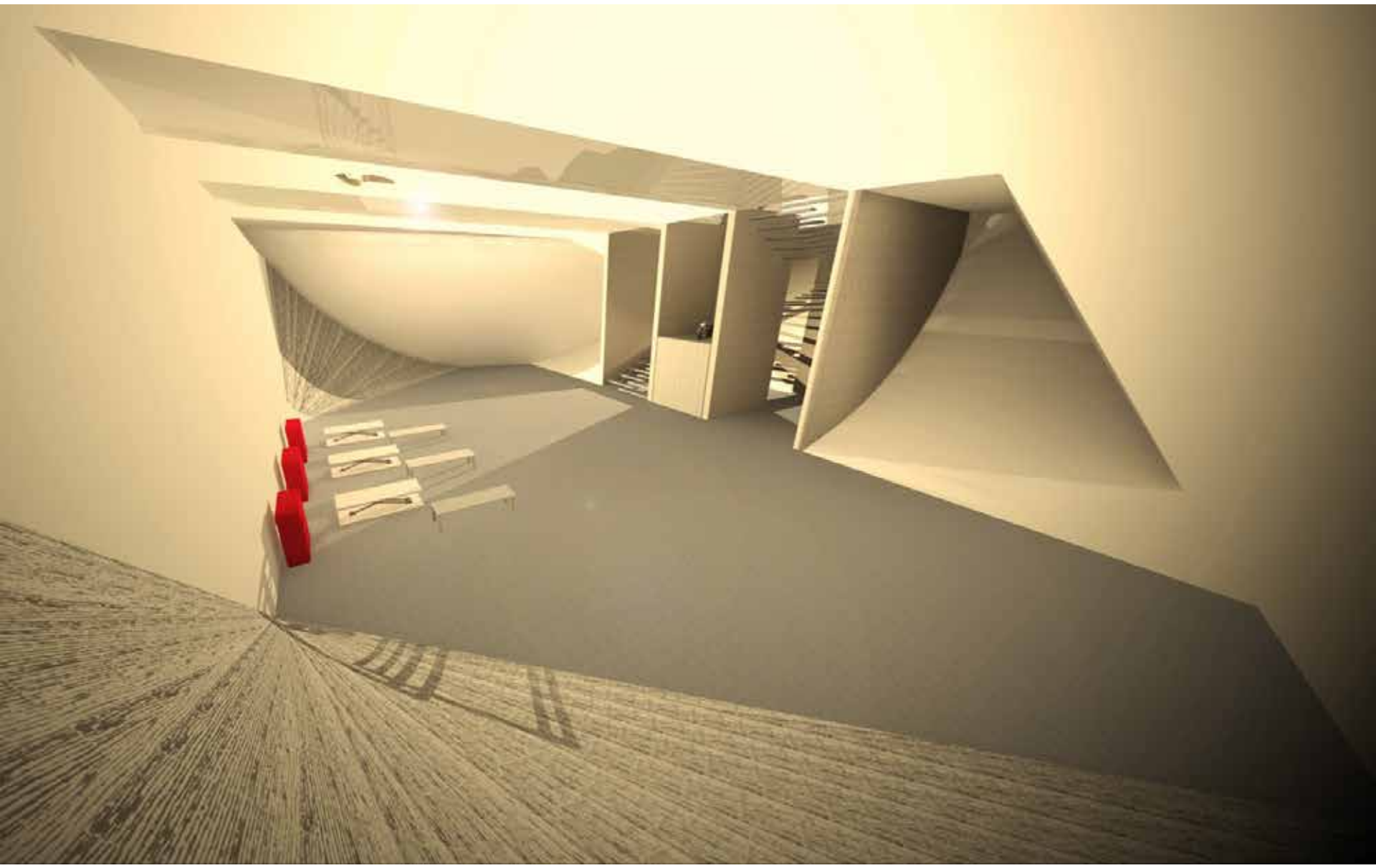


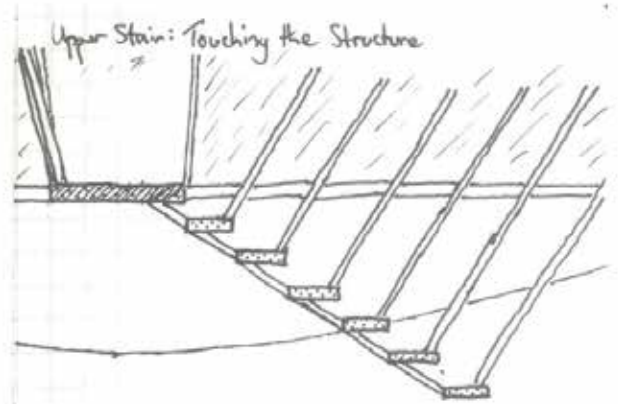


DOMINIC BALEY

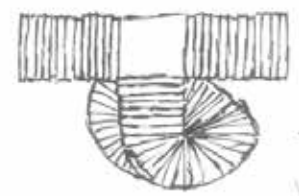
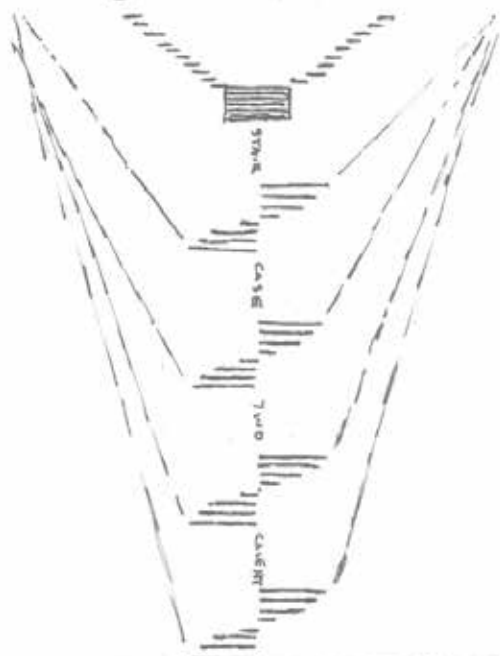








Section One



Plan

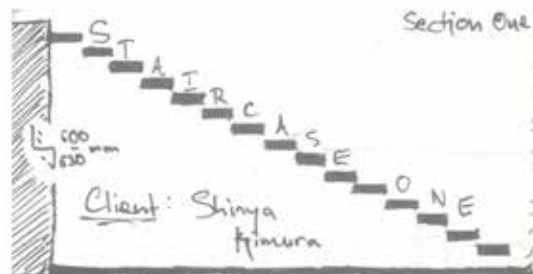
Section Two



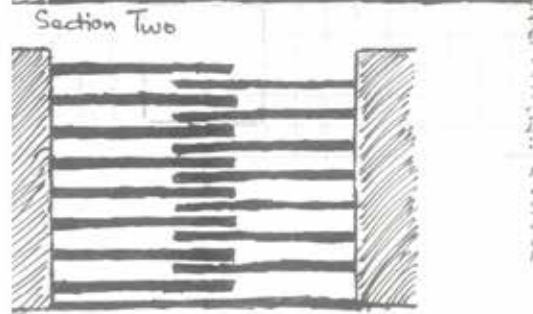
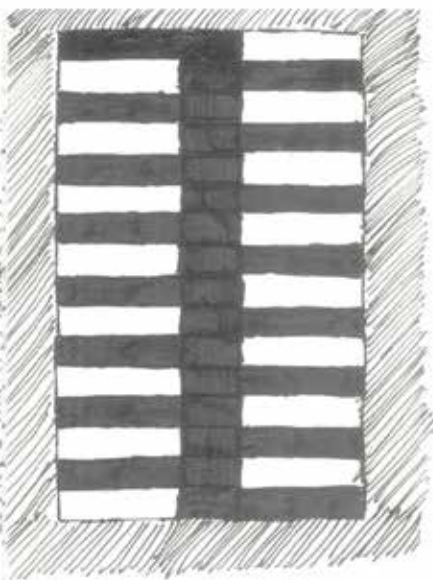
ANTONIO STRADIVARI

Why so insubstantial?
Metaphor for the transcendent
knowledge of music.

Emphasises the fragile balance of
violin making.

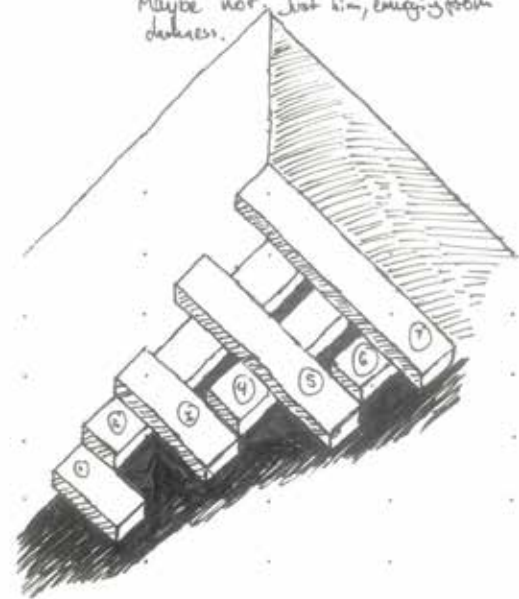


Section One



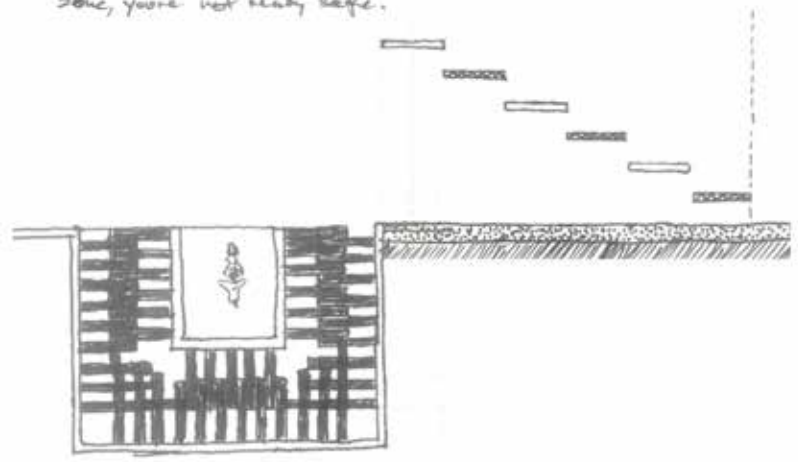
Section Two

Below Ground to Ground Plane.
 Kimura
 Will he bring the motorbikes up?
 Maybe not. Just him, emerging from
 darkness.

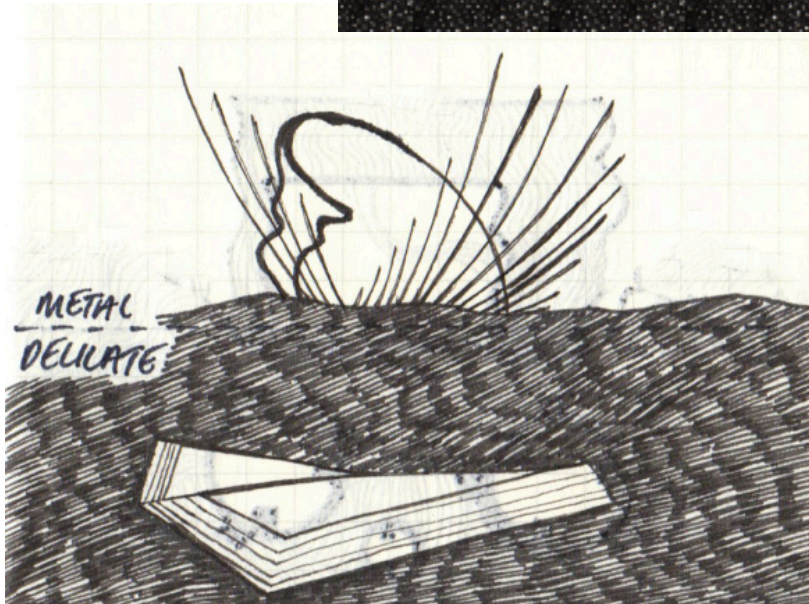
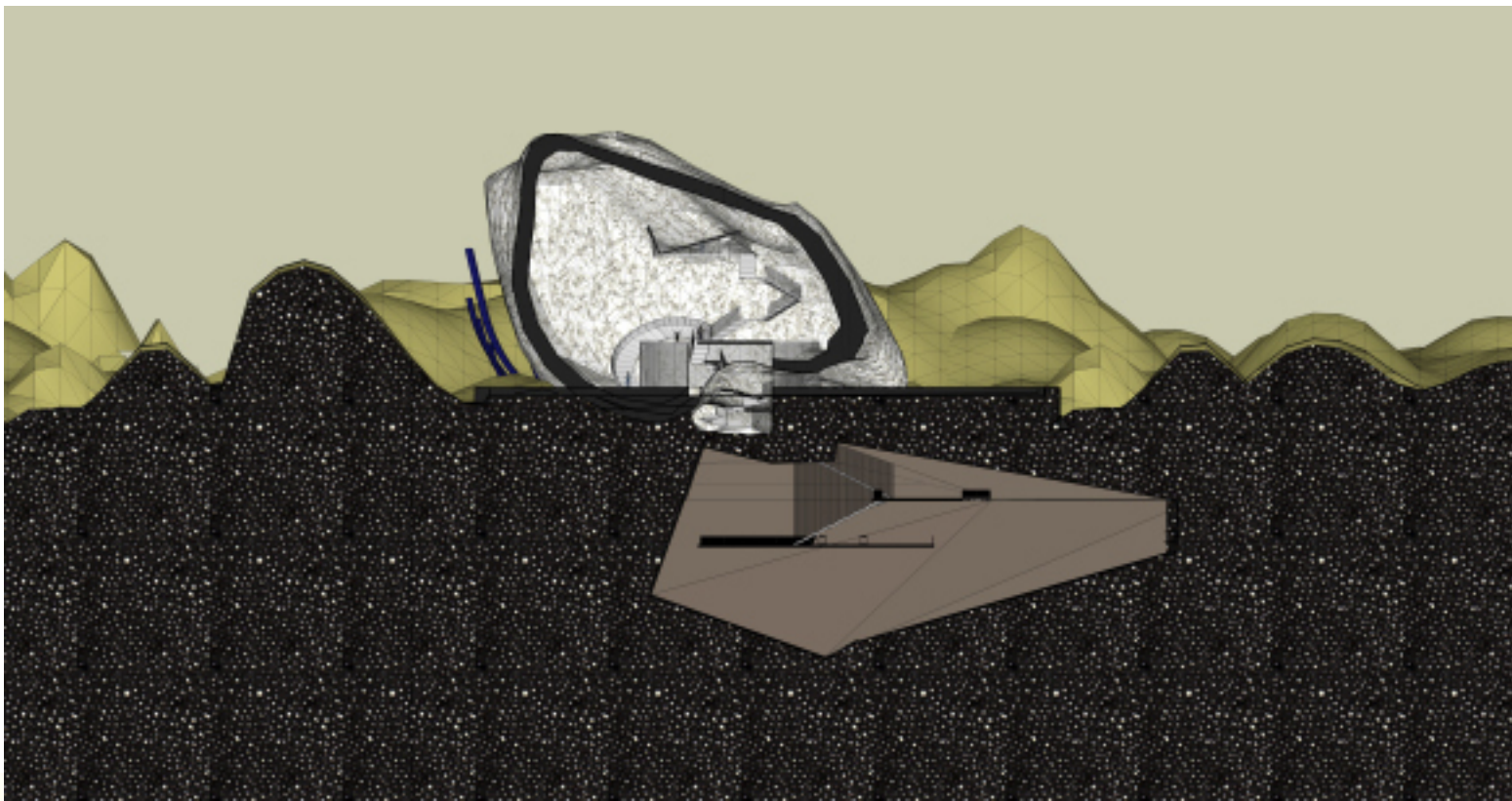


Why only the middle line?
 Metaphor for riding - the further you
 stray from the center line, the greater
 the danger. You must always pay
 attention.

Cantilever
 Even when you are in that safe
 zone, you're not really safe.

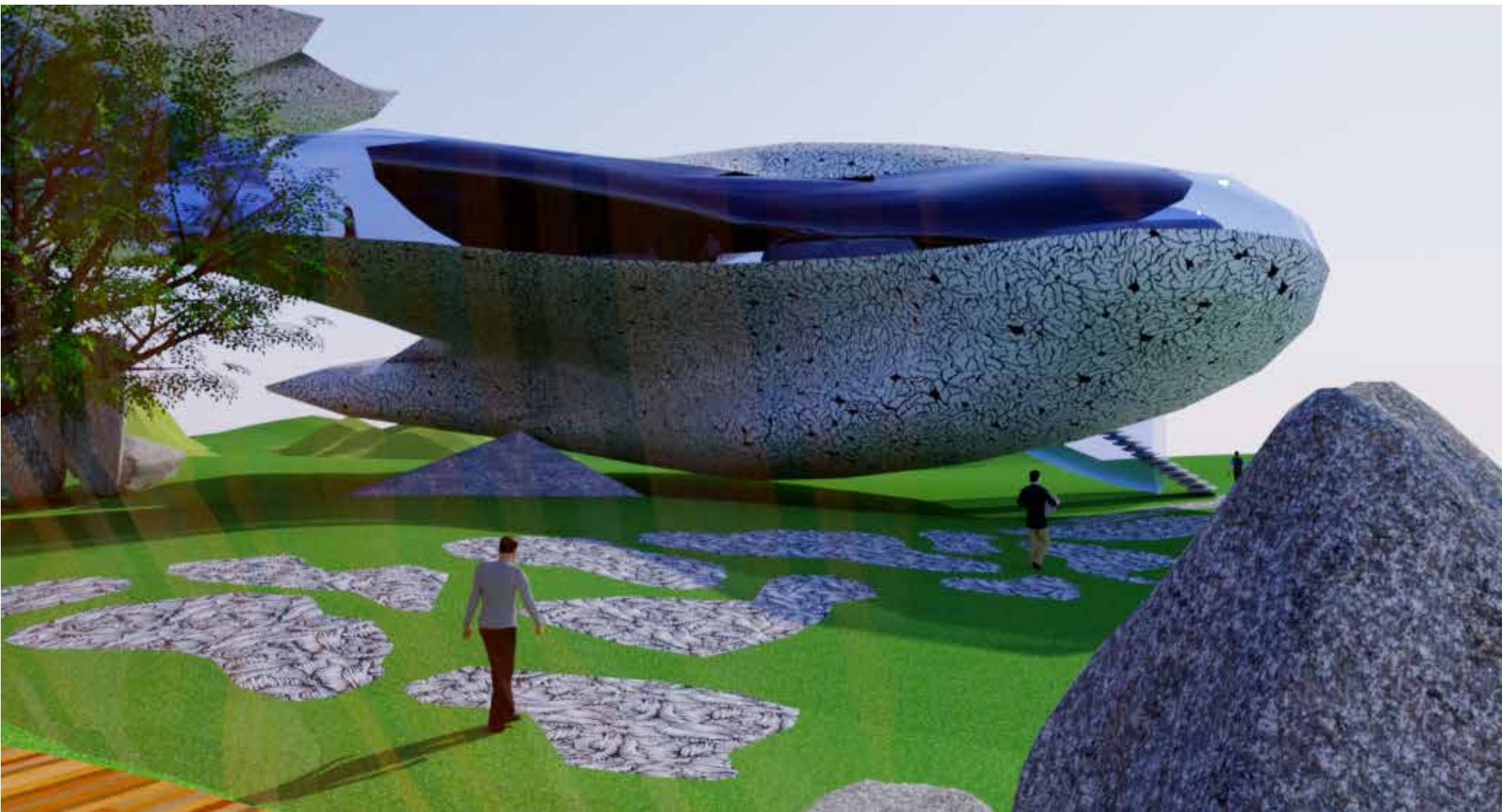


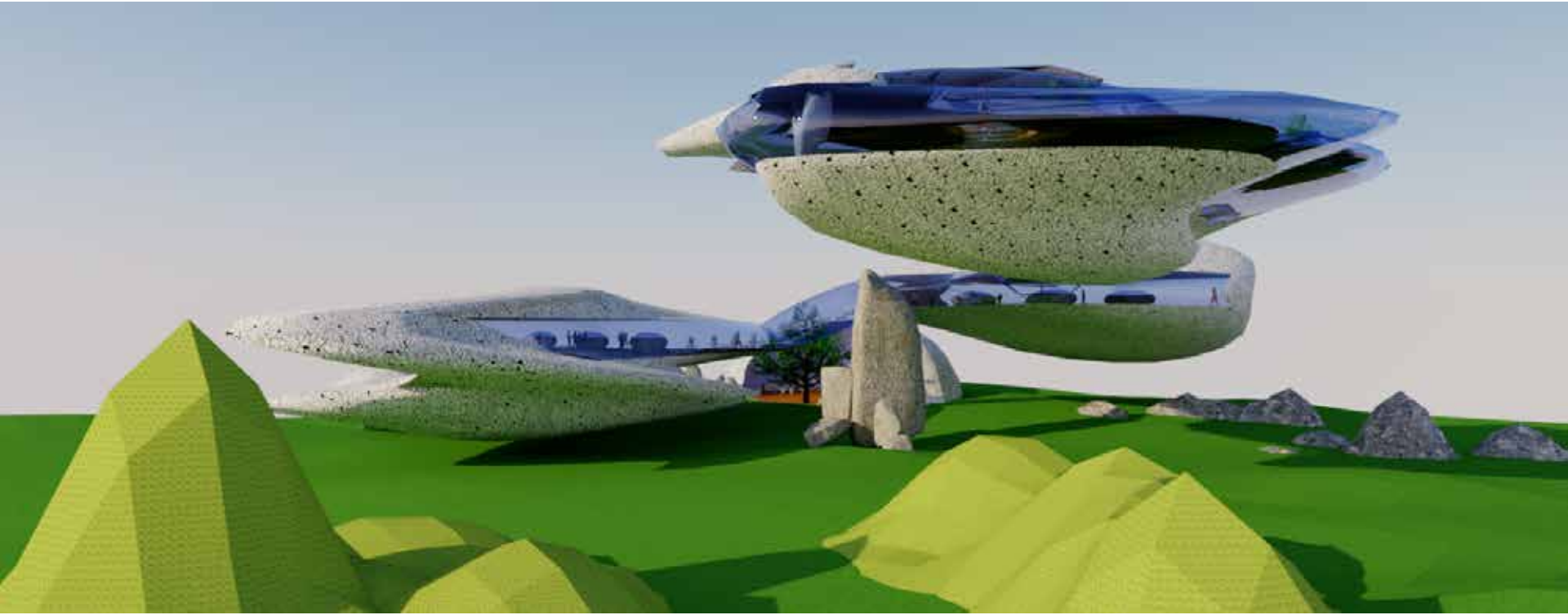
TANNY TAN

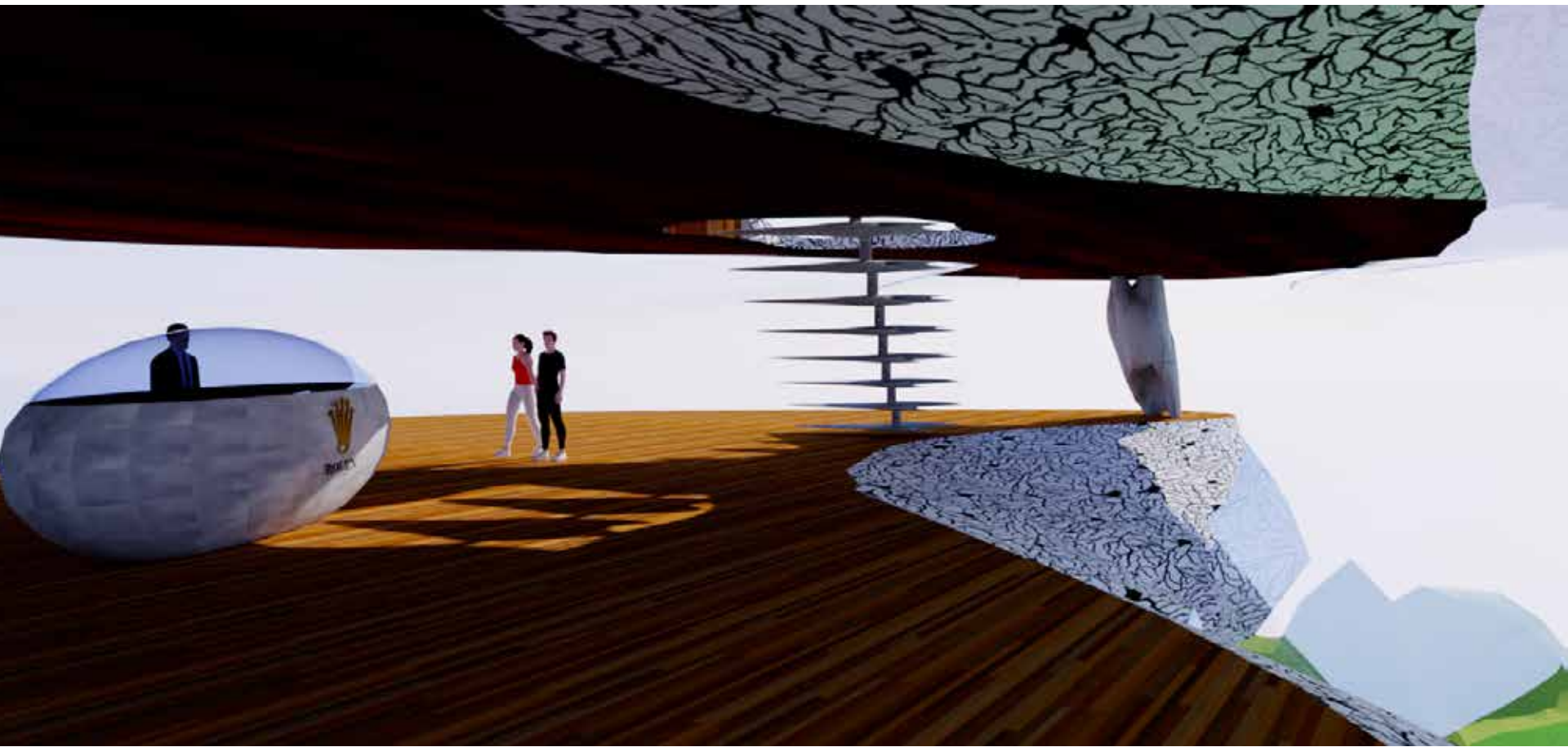


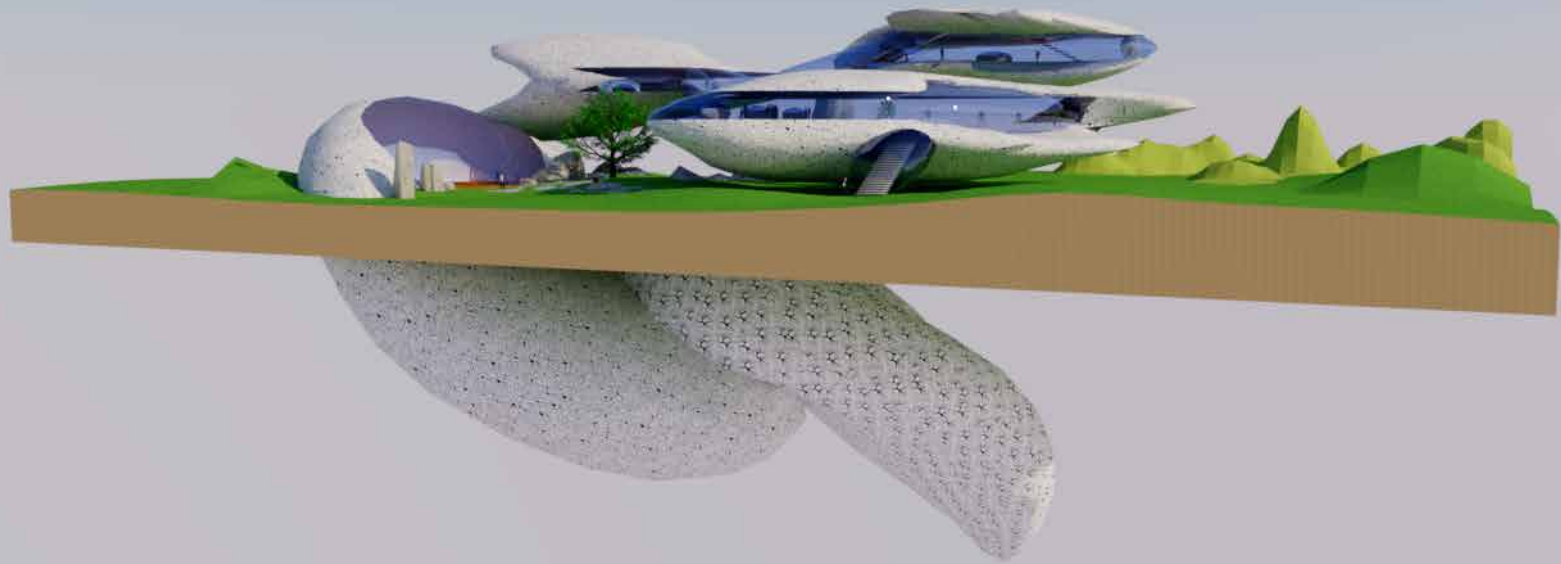
VIDEO

AARON BUCKLEY

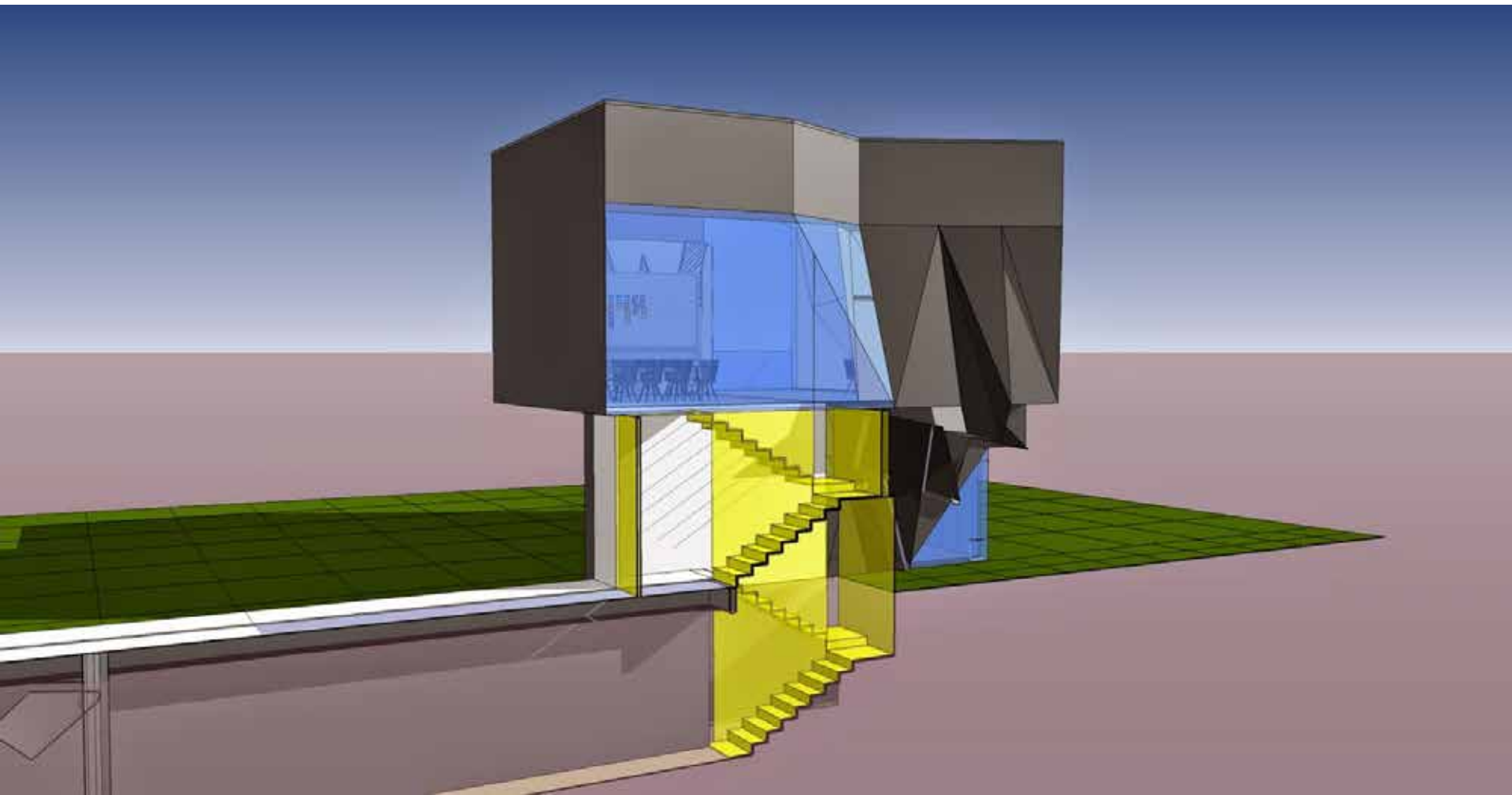








CHRISTINE PHAN



HARRIS PANERAS









Computational Design Society
Photoshop Tutorials

Wednesday 16th March 6:00 - 7:30 pm

Thursday 24th March 2:00 - 3:30 pm

Level 2 Computer Labs, Red Centre West (2033, 2034)



Check out
UNSW CoDe Society
to sign up
facebook.com/groups/UNSW.CodeSoc

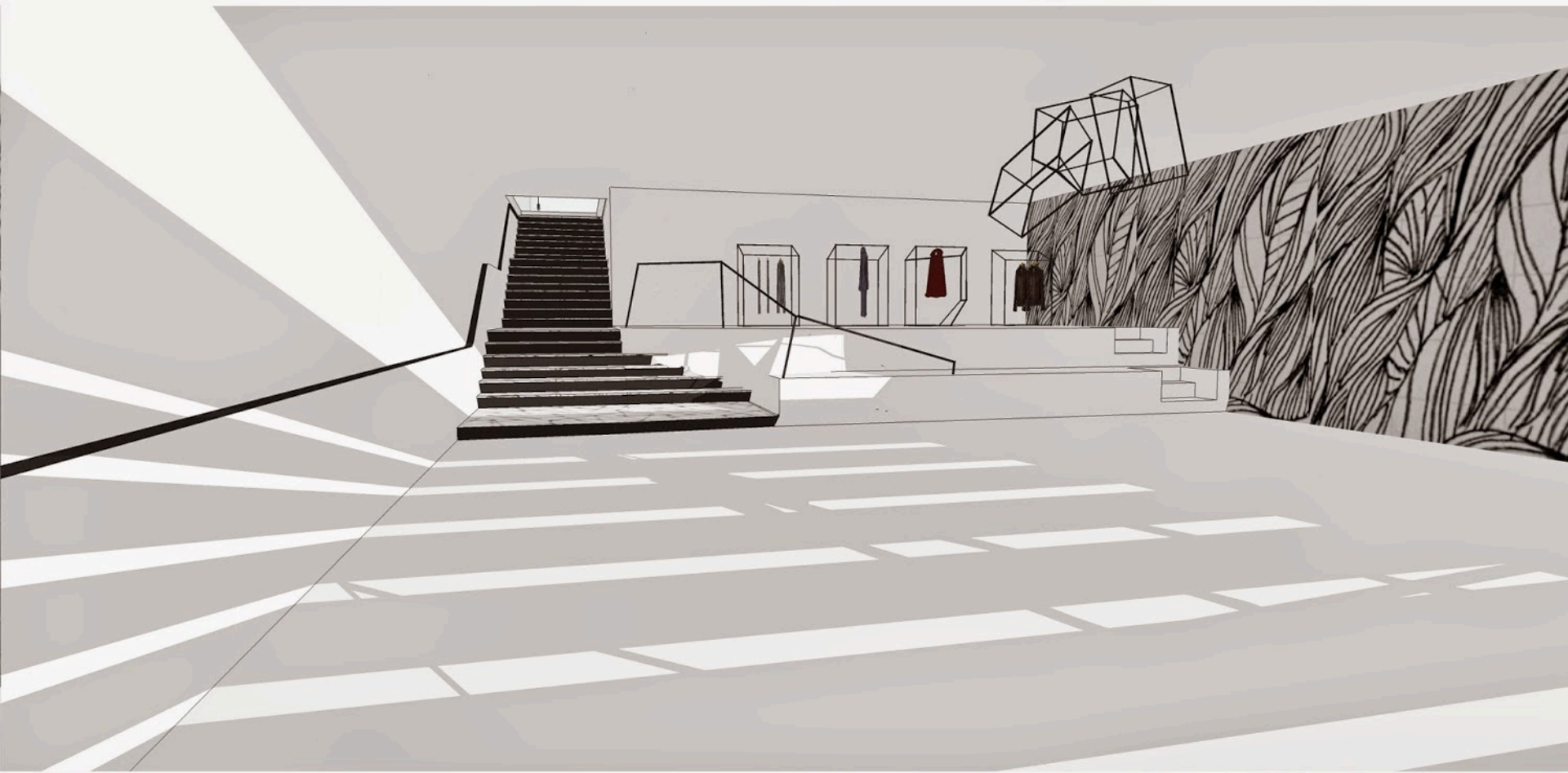
JESSICA WONG



Section //

Hazaan Motorworks Studio

Top: Hazaan Motorworks Studio
Inbetween: Exhibition Space
Below: Christian Benner Custom

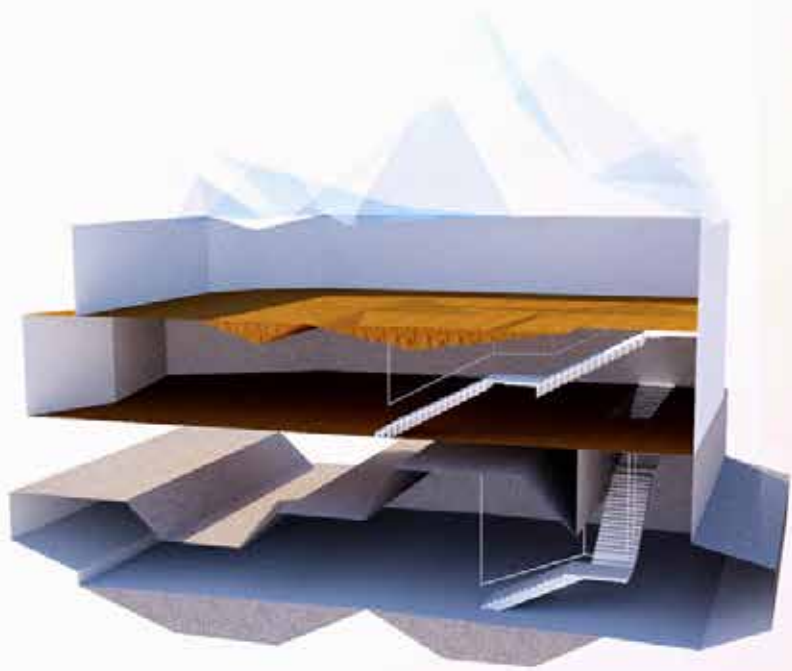


Perspective // *graymattersstudio*

Christian Benner Custom

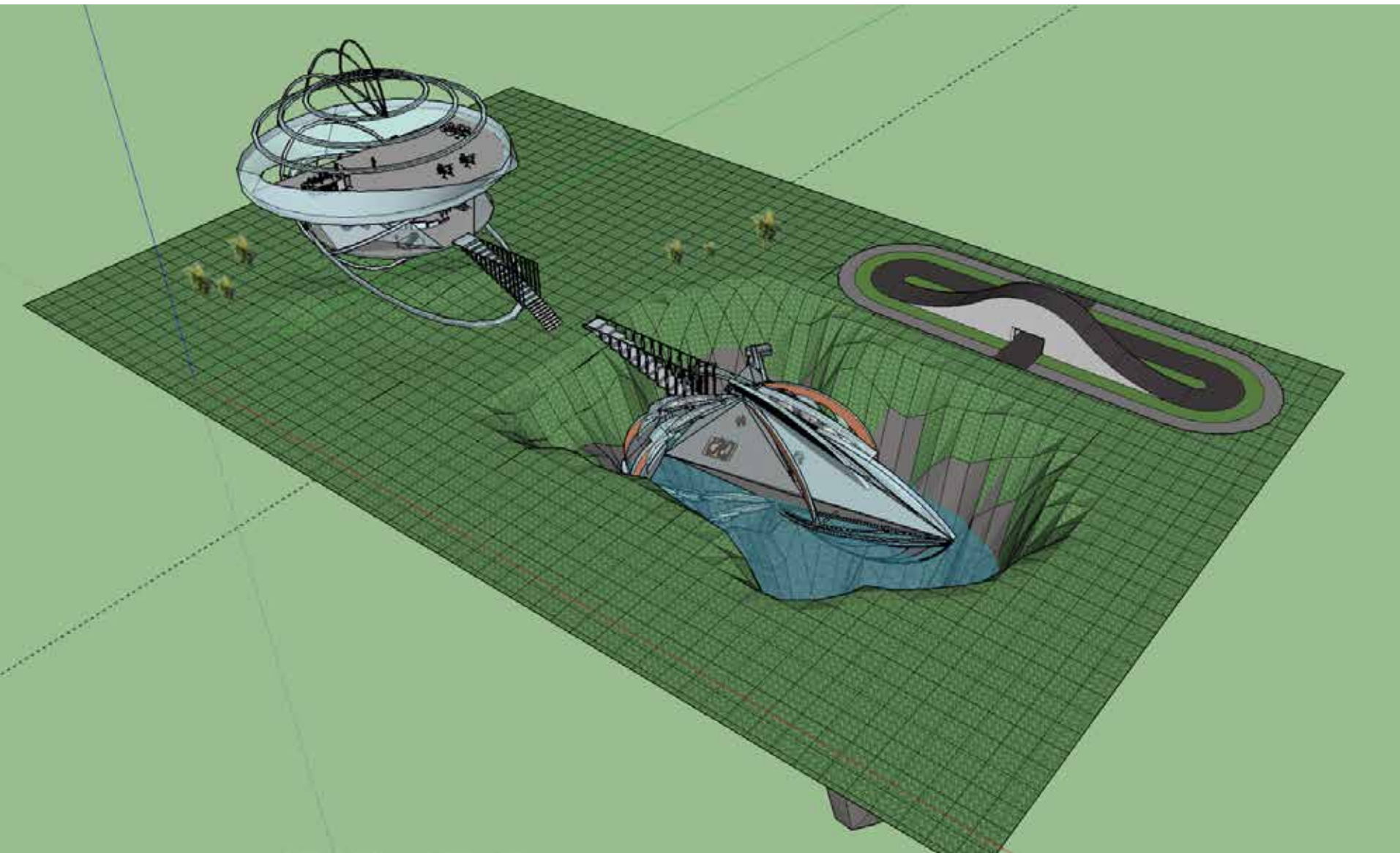
NARISSA BUNGBRAKEARTI







SHENGYAN HUANG



YISHUN TANG





TODAY IN STUDIO

Note: Throughout the class students will be demonstrating modeling techniques using Google Sketchup.

1. Using the scheme you developed in SketchUp (**and inspired by the stairs shown in the lecture**) design two sets of stairs; one that goes from the above ground studio down to the showroom space and a second that comes from the below ground studio up to the showroom space.
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QUESTIONS?