

JUAN CARLOS BARRANTES



Juan Carlos Barrantes

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- Full name: Juan Carlos Barrantes Timón
- Born in: Cáceres, Extremadura, Spain. 06/01/1993
- Residence: Barcelona.
- Driving license B (Spain)
- Instagram: nrb_timon

EDUCATION

- Feb. 2019 / May. 2020
Enabling Master in Architecture, ETSAV, Universitat Politècnica of Catalunya.
Sant Cugat del Vallès, Barcelona, España.
- Sep. 2014 / Jul. 2015
Università di Bologna: ERASMUS Study Abroad Exchange Program.
Bologna, Italia.
- Sep. 2011 / Feb. 2018
Architecture Degree, ETSAG, University of Granada
Granada, España.

Languages exchanges in UK:

- Nottingham 1 month
- Bristol 3 months
- Worthing 1 month

EXPERIENCE

- Mar. 2018 / Jul. 2018
Erasmus+ Internship in António Neves Architecture studio.
Porto, Portugal.
Plan drawing, design, 3D modeling, render and image manipulation,
construction details, visit to building site and choice of
materials.



- Jan.2017 / Jun.2017

Internship in Martín Martín Arquitectos.

Granada, Spain

Executive Projects, visit to building site, dealing with client, planimetry digitization, construction details, photomontages.

- Jul.2016 / Aug.2016

International Volunteer, Skatecamp (filmer, events organization and dance lessons).

Chemnitz, Germany

- Oct. 2015 / Present

Actor and Dancer in university theater group.

Granada and Barcelona, Spain

- Jun. 2012 / Aug. 2012

International Volunteer.

Cork, Ireland

LANGUAGES

English.....****

Portuguese....***

Spanish....*****

Italian.....****

Catalan.....***

SOFTWARE

Autocad 2/3D...*****

Sketchup.....****

Premier....*****

Photoshop.....*****

VRay.....****

Presto.....***

Illustrator....****

Revit.....**

Lumion.....***

InDesign.....****

Rhinoceros....**

ACQUIRED SKILLS

Proactive, positive, teamwork, capacity to respond and decisive, precise, respectful treatment, versatility, a wide recurring musical repertoire to create atmospheres.

INTERESTS

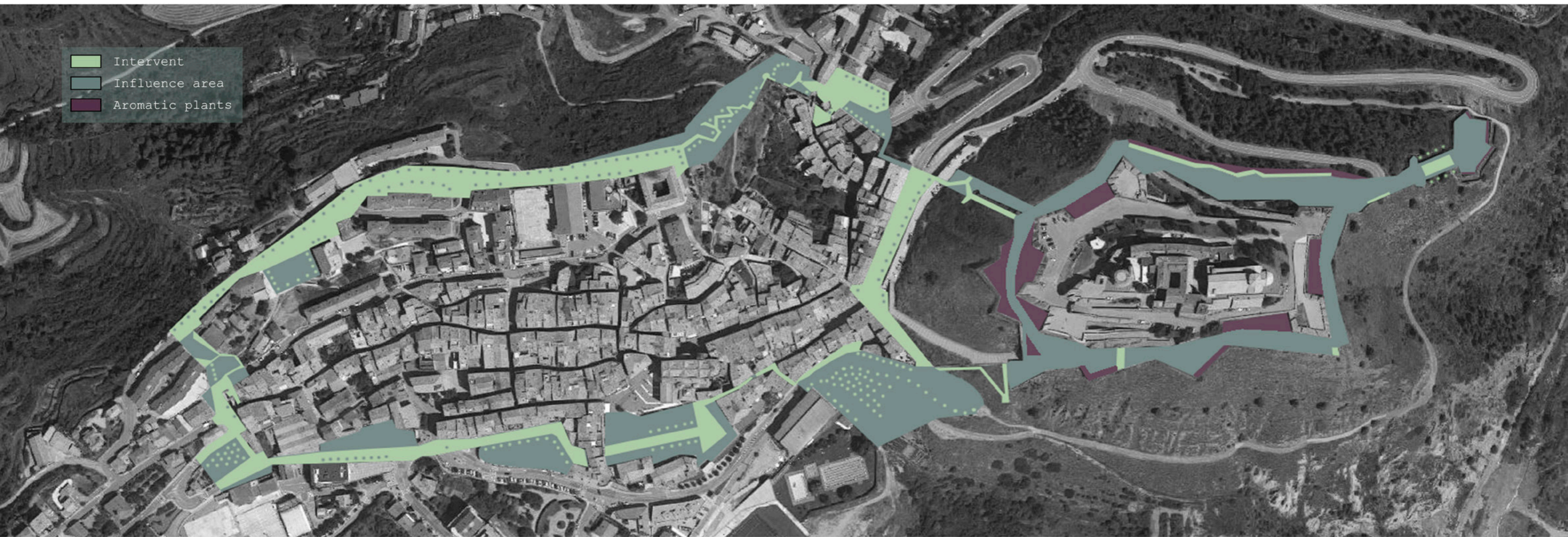
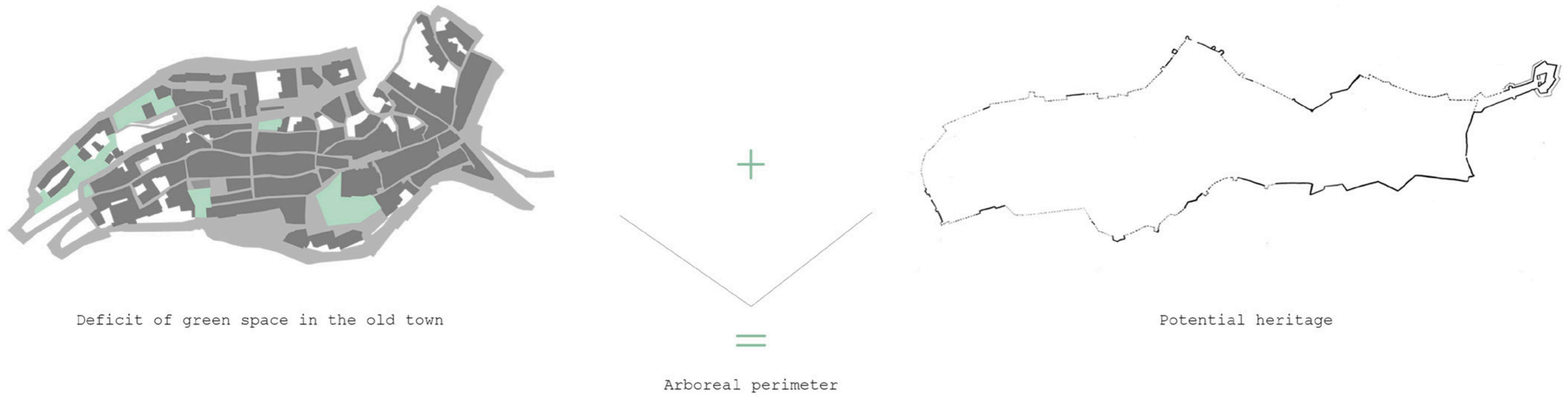
Photography, Cinema, Painting, Sculpture, Pool, Interpretation, Surf, Skate, Snowboard, Contemporary Dance, Lindy Hop Swing.

TRIPS

Portugal, France, Italy, England, Ireland, Belgium, Germany, Czech Republic, Hungary, Croatia, Romania, Montenegro, Serbia, Macedonia, Bosnia, Morocco.



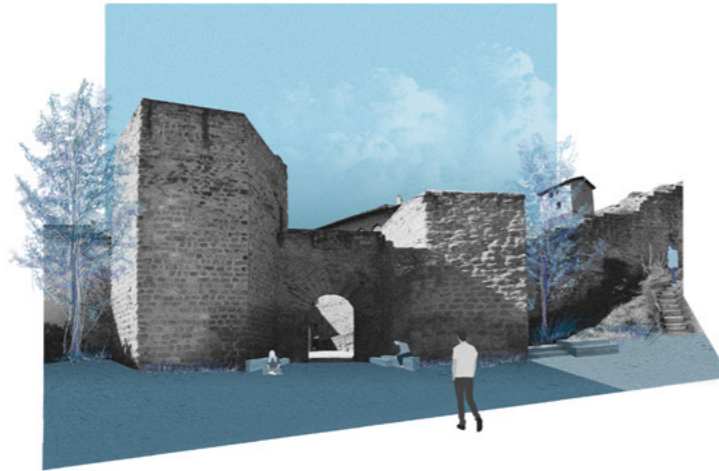
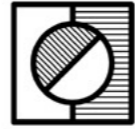
Arboribus Murum



This project redraw the old course of the wall that protected that village, **CARDONA** (Barcelona). The idea is to generate a green perimeter through a series of interventions of accessibility, rehabilitation and reforestation that produce a continuous way.

The project covers a large area of intervention but can be fragmented according to its priority over TIME. The Fourth Dimension, a fundamental concept of the project since a study of the past, of a present, has been carried out and will continue gradually in the future depending on the growth of the vegetation.

Priority order
of Intervention



CONNECT



MONUMENTALIZE



DESURBANIZE



QUALIFY

Generate accessibility between points with high elevation difference in order to facilitate route and to continue de old way of the wall as true as possible.

Clear the immediate surrounds of the greatest existing vestiges, oxygenating them for their enjoyment and revitalization implementating new uses in their interior.

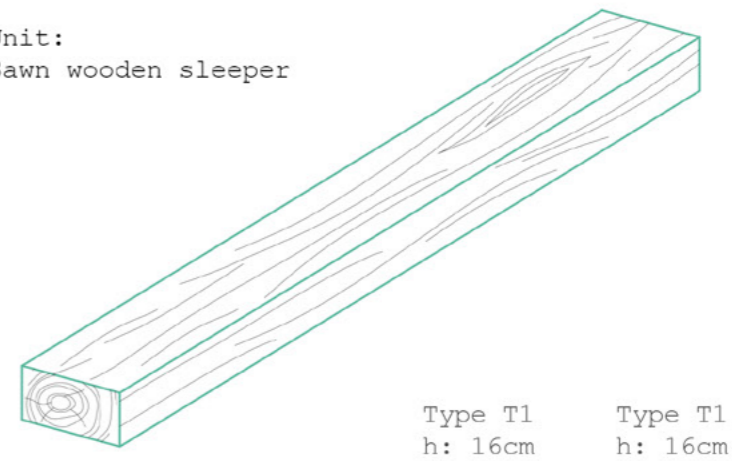
Section changes looking for the inverted priority, giving more preference to pedestrians and recreational spaces in extramural roads through a progressive de-paving and naturalization.

Improvement of the quality of public spaces and intramural roads corresponding to the itinerary of the proposed route in order to guide the visitor in a pleasant and subtle way.

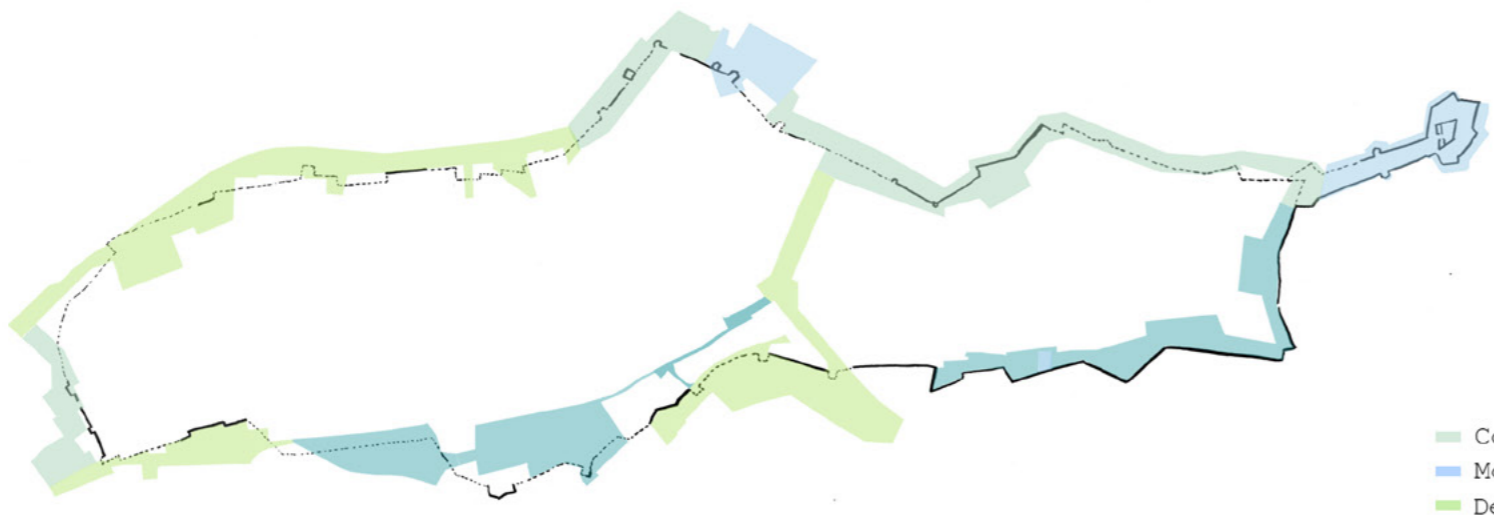
Naturalization process



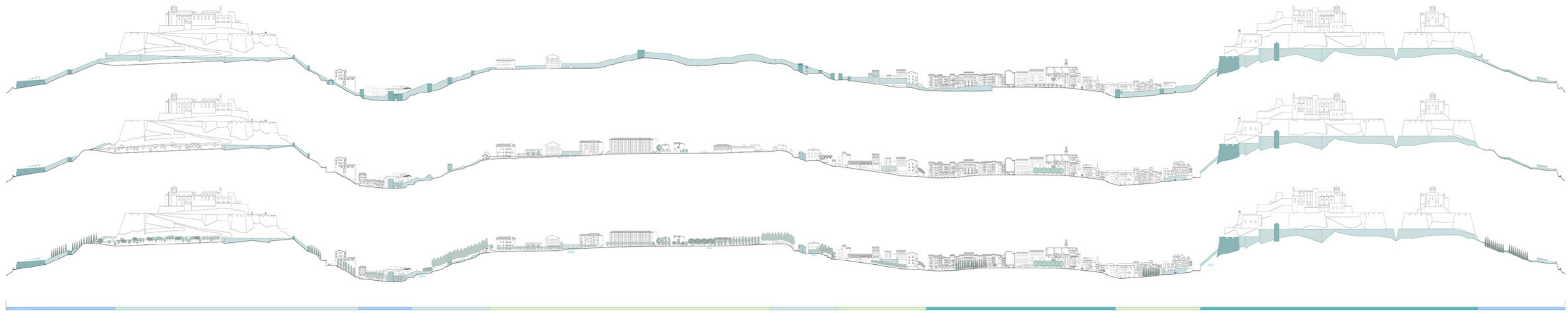
Unit:
Sawn wooden sleeper

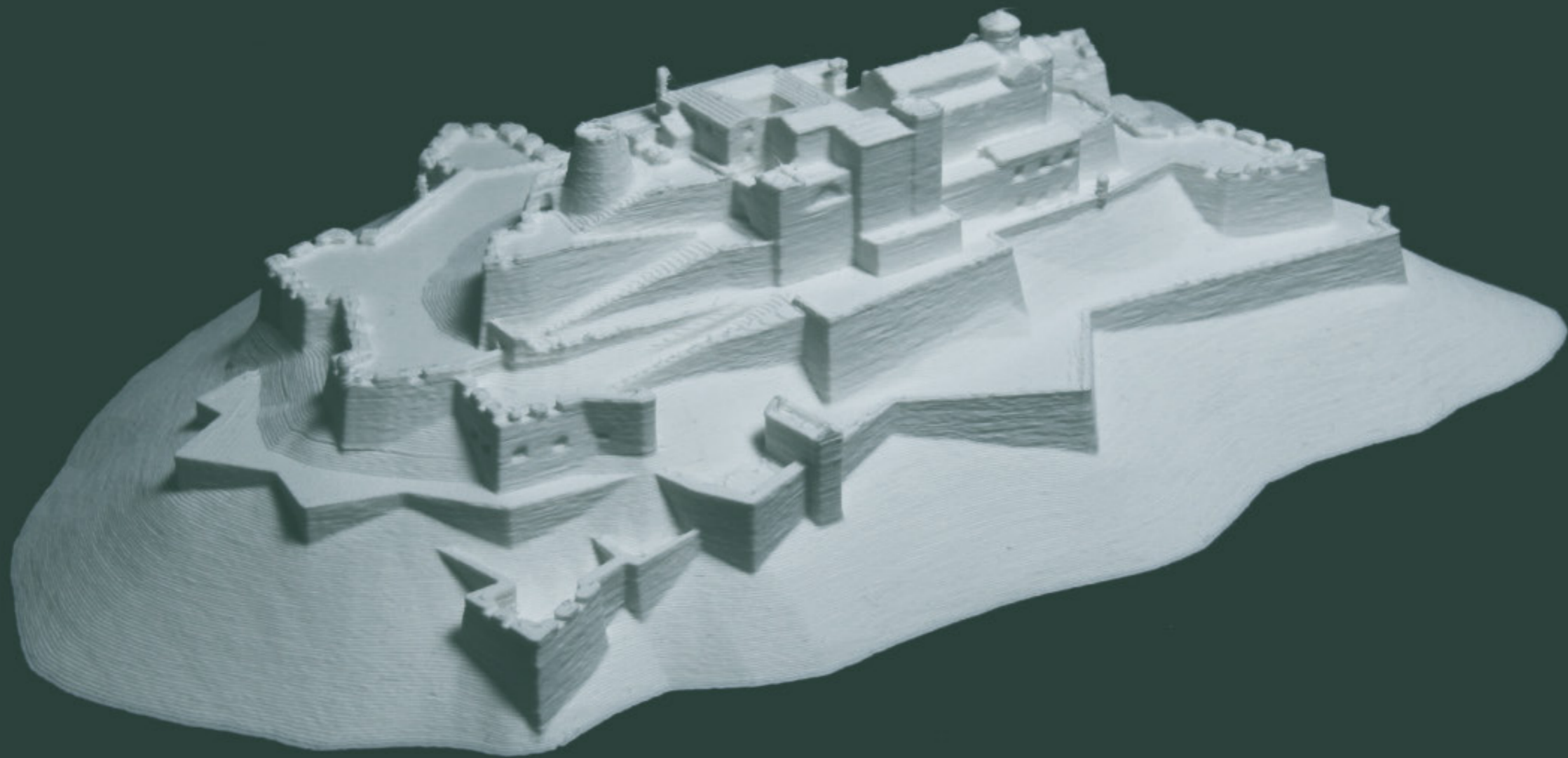


Type T1	Type T1
h: 16cm	h: 16cm
a: 25cm	a: 25cm
l: 200cm	l: 150cm



- Conect
- Monumentalize
- Desurbanize
- Qualify



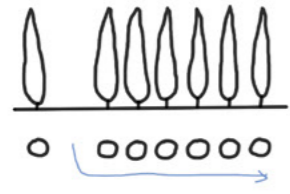


3D Modeling and print experience

Tree Species

Tools

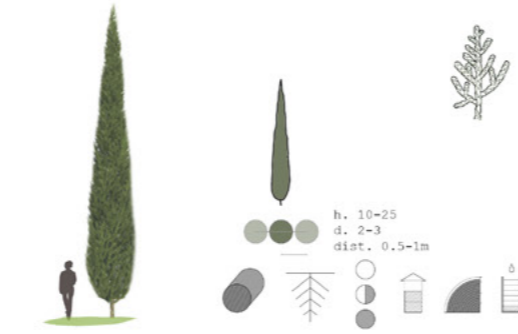
Strategies



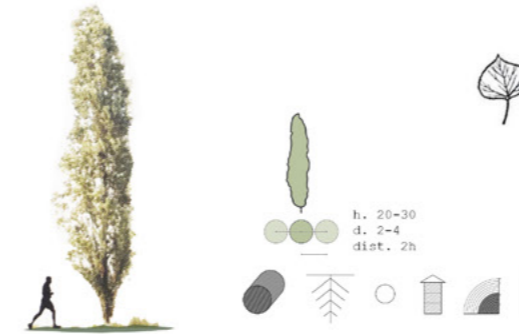
Screen



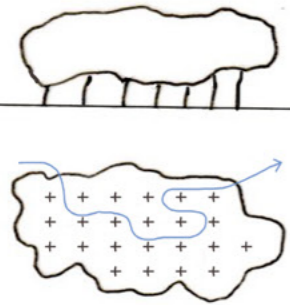
Redraw



Cupressus Sempervirens
Ciprés común, Cupresáceas



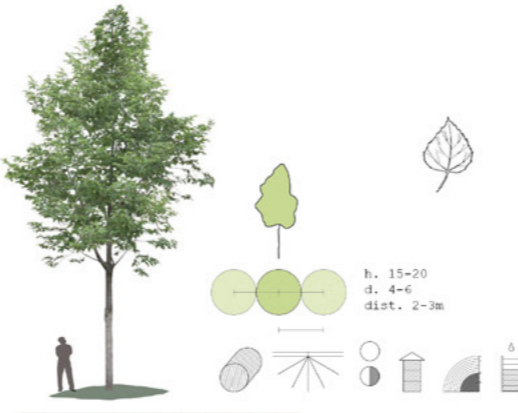
Populus Nigra Italica
Chopo Lombardo, Salicáceas



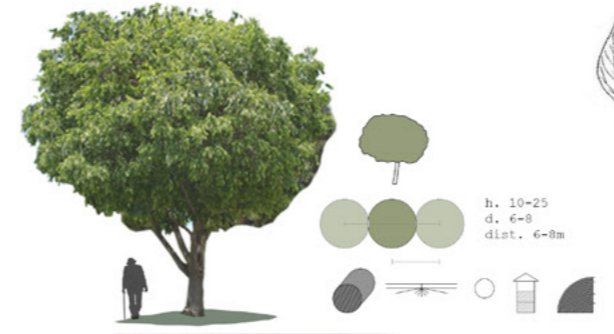
Mass/Coverage



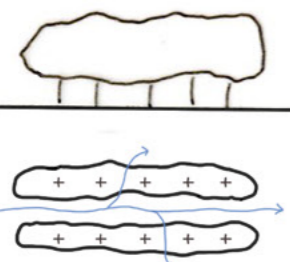
Limit



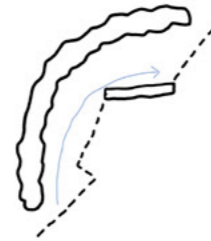
Beluta Papyrifera
Abedul de Papel, Betuláceas



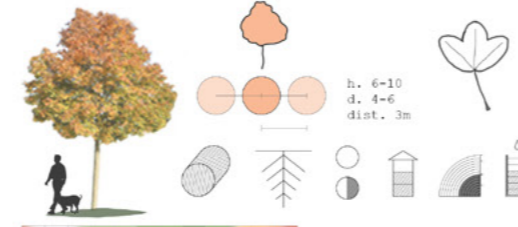
Celtis Australis
Almez, Ulmáceas



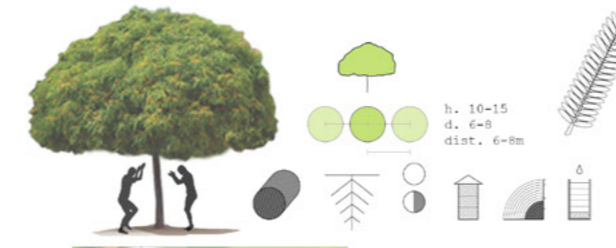
Lineal



Walk



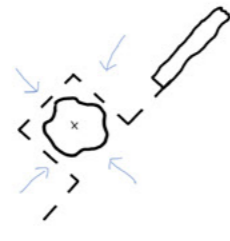
Acer Monspensulanum
Arce de Montpellier, Aceráceas



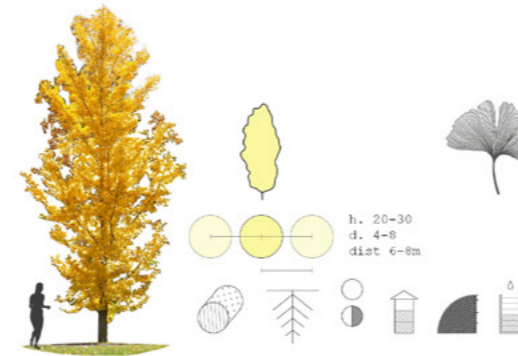
Tipuana Tipu
Tipa, Leguminosas papilionoides



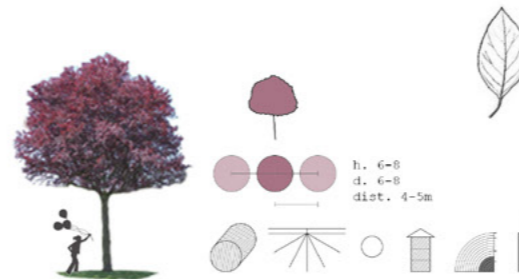
Punctual



Singularize



Ginkgo Biloba
Ginkgo macho, Ginkgoáceas



Prunus Cerasífera
Ciruelo, Rosáceas

- Benefits of vegetation
- _SHADOW
 - _SOUND BARRIER
 - _AIR FILTER
 - _BARRIER AGAINST THE WIND
 - _RAIN PROTECTION
 - _AROMA



Shrubby



Lavandula Vera,
Lavanda



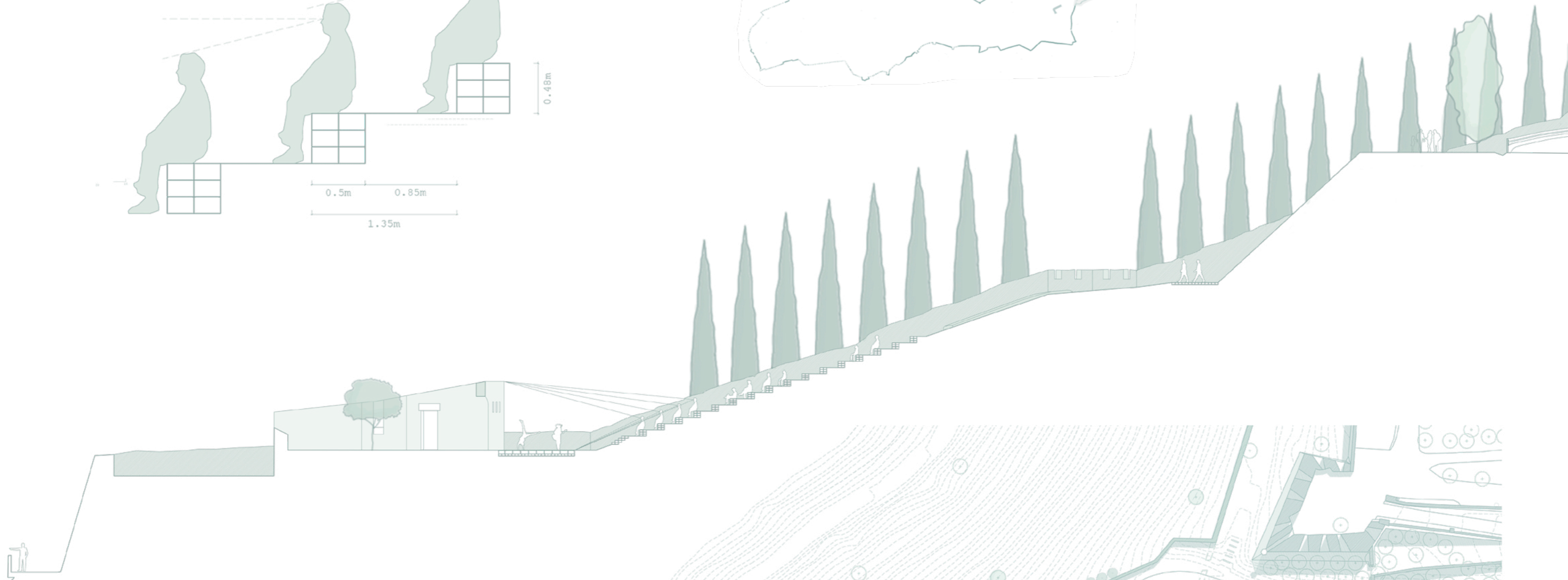
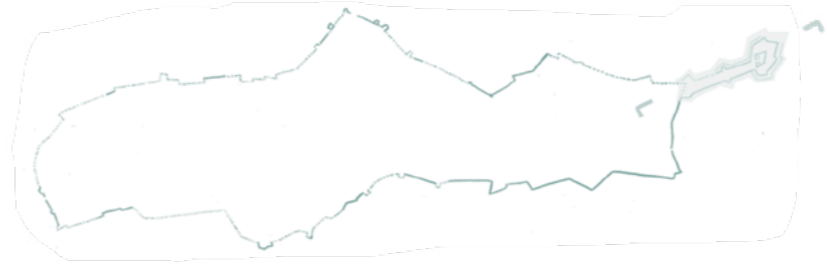
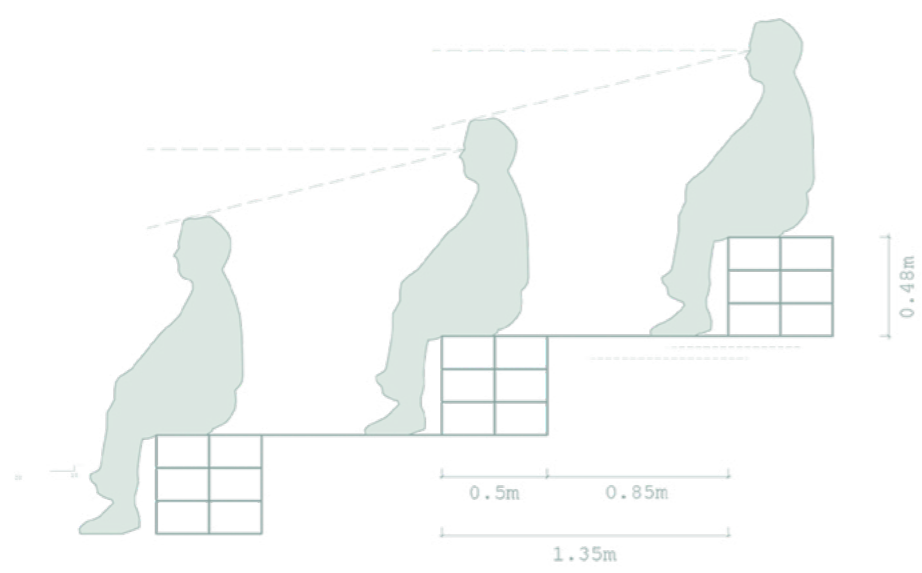
Jasminum,
Jazmin



Forsythia Suspensa,
Forsitía

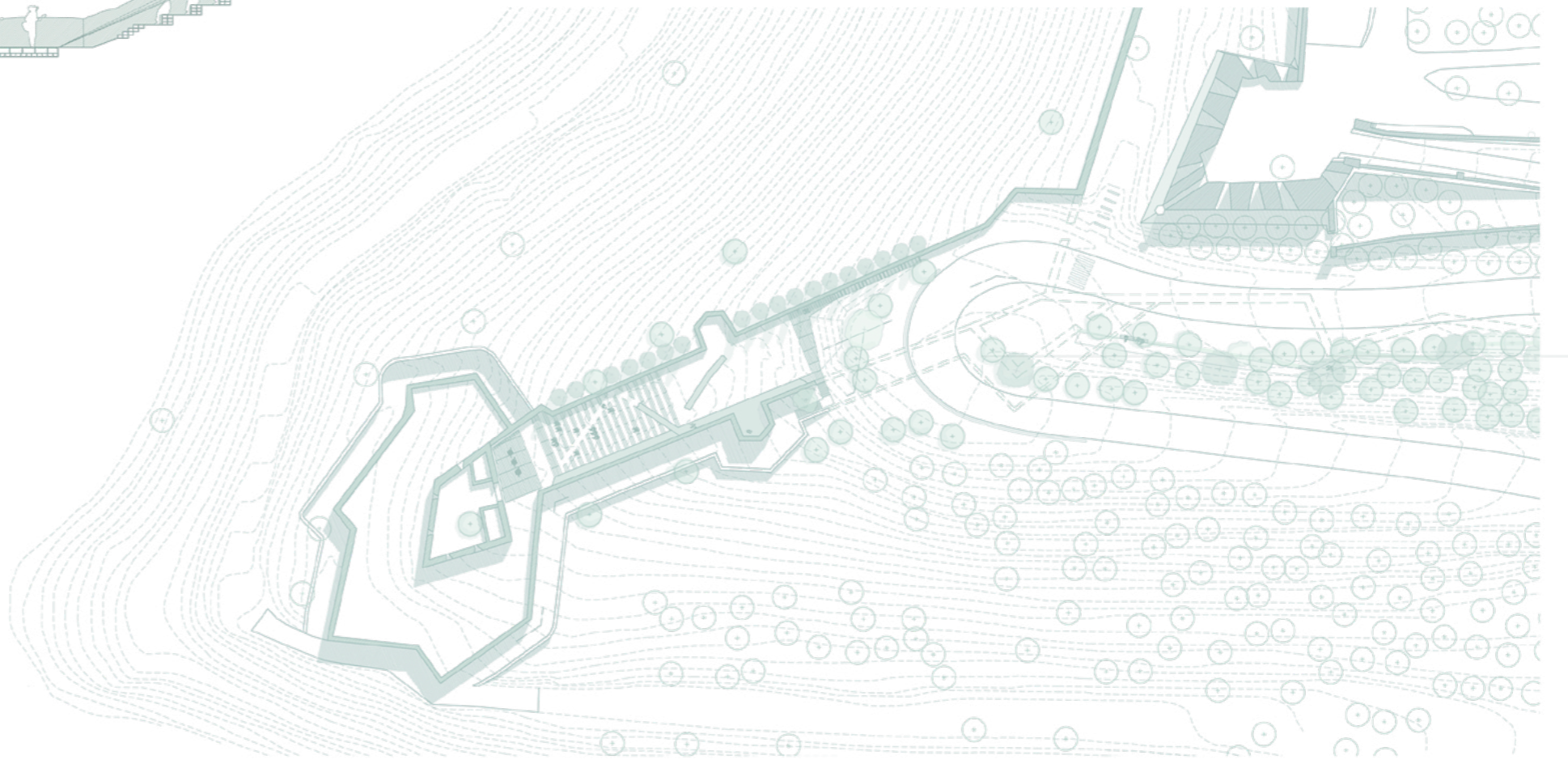


Senecio Cineraria,
Cinararia Marítima



Outdoor Theater

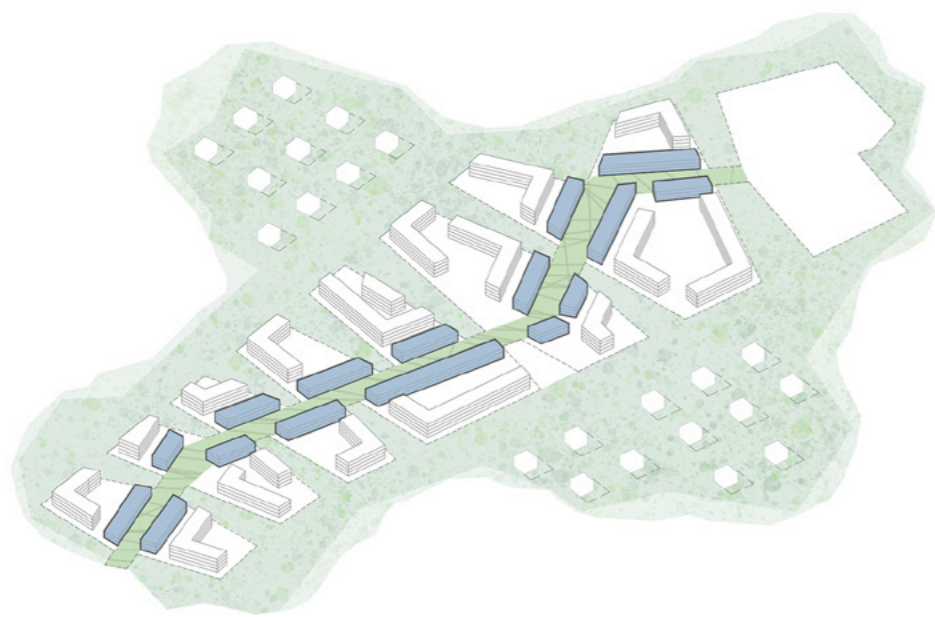
An open-air theater is proposed in this abandoned bulwark. The space is ideal for this due to its geometric configuration and slope of the terrain. The dilapidated state of its accessibility is largely due to the alterations caused by the construction of the access road to the Parador del Castillo in 1970. The intervention would consist of the adaptation of accesses, clearing of weeds, and the construction of a bleacher and a small platform, which together with the existing building that is located behind it, would act as a perfect theatrical space in line with its landscape and lighting environment.



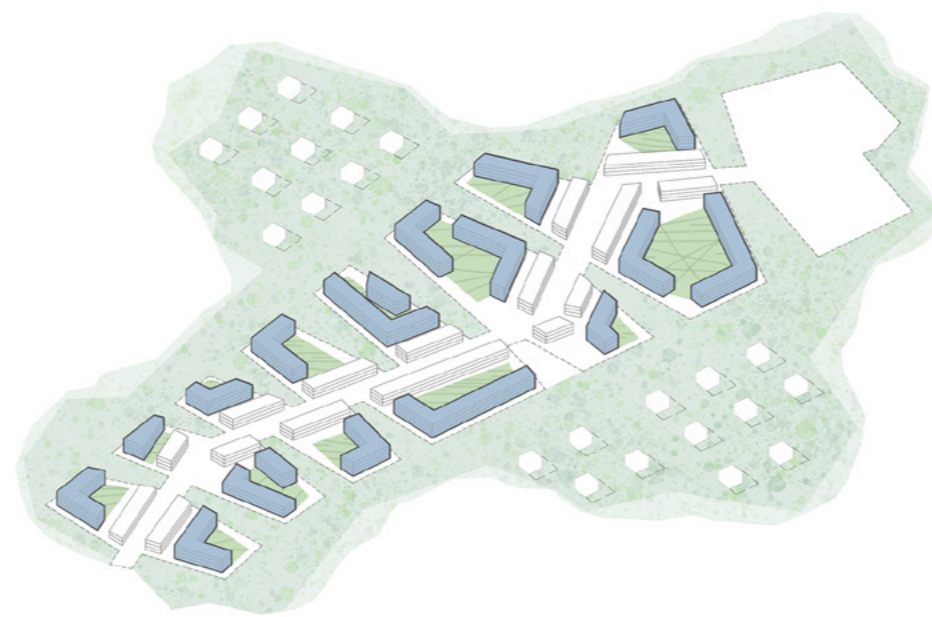


Aguaduna

Aguaduna is a future Smart city located in Entre Ríos, Brazil. I collaborated with SGA Office helping them to transmit their ideas and generate this graphic material. Aguaduna is the beginning of an integrative, replicable, and autonomous city model, allowing for an environmental and cultural awareness through innovation and technology



Type 1



Type 2



Type 3







Restaurant + Cooking school

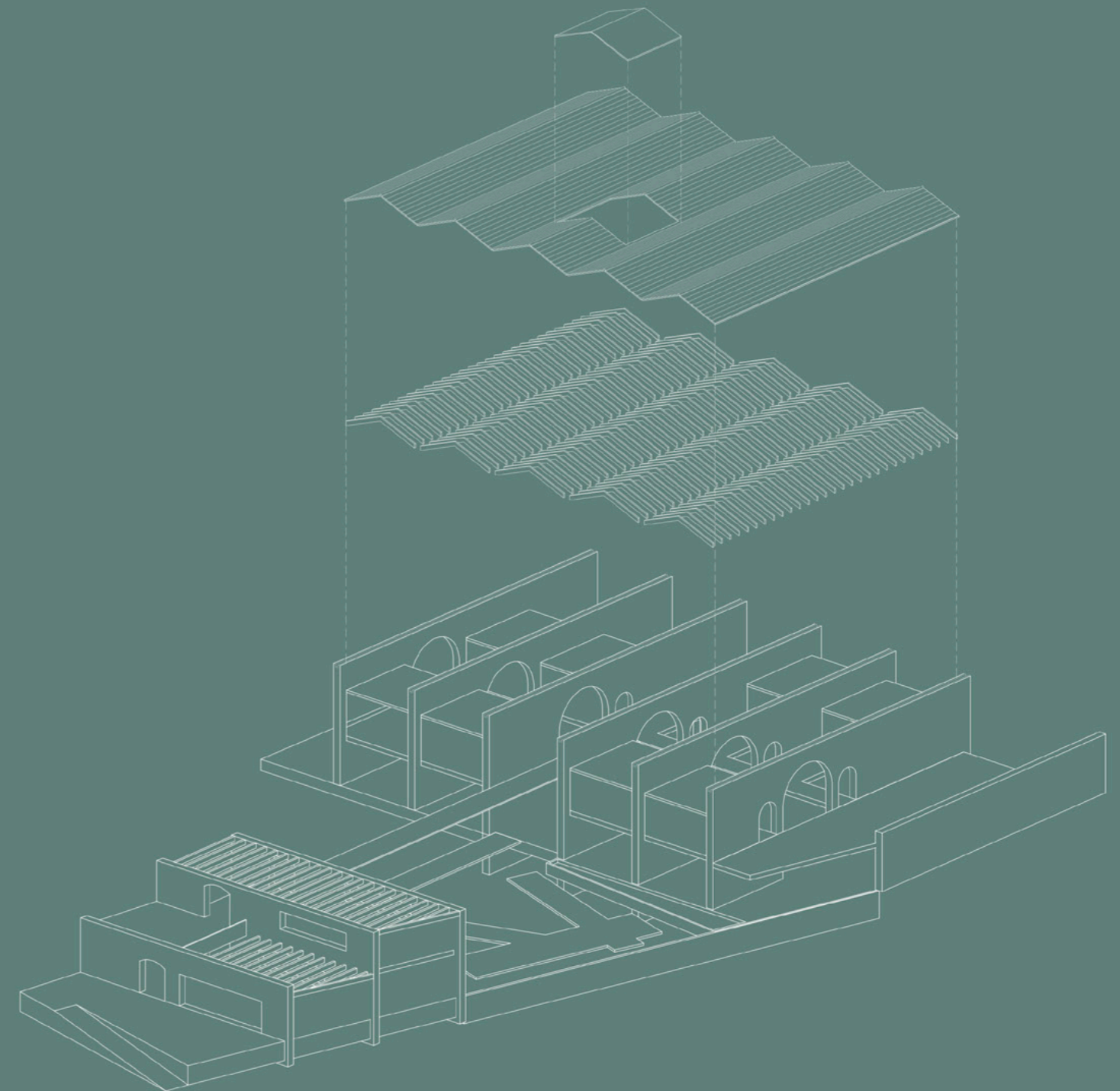


The proposed project is the realization of a luxury restaurant in Albayzin, which has a teaching area and culinary research.

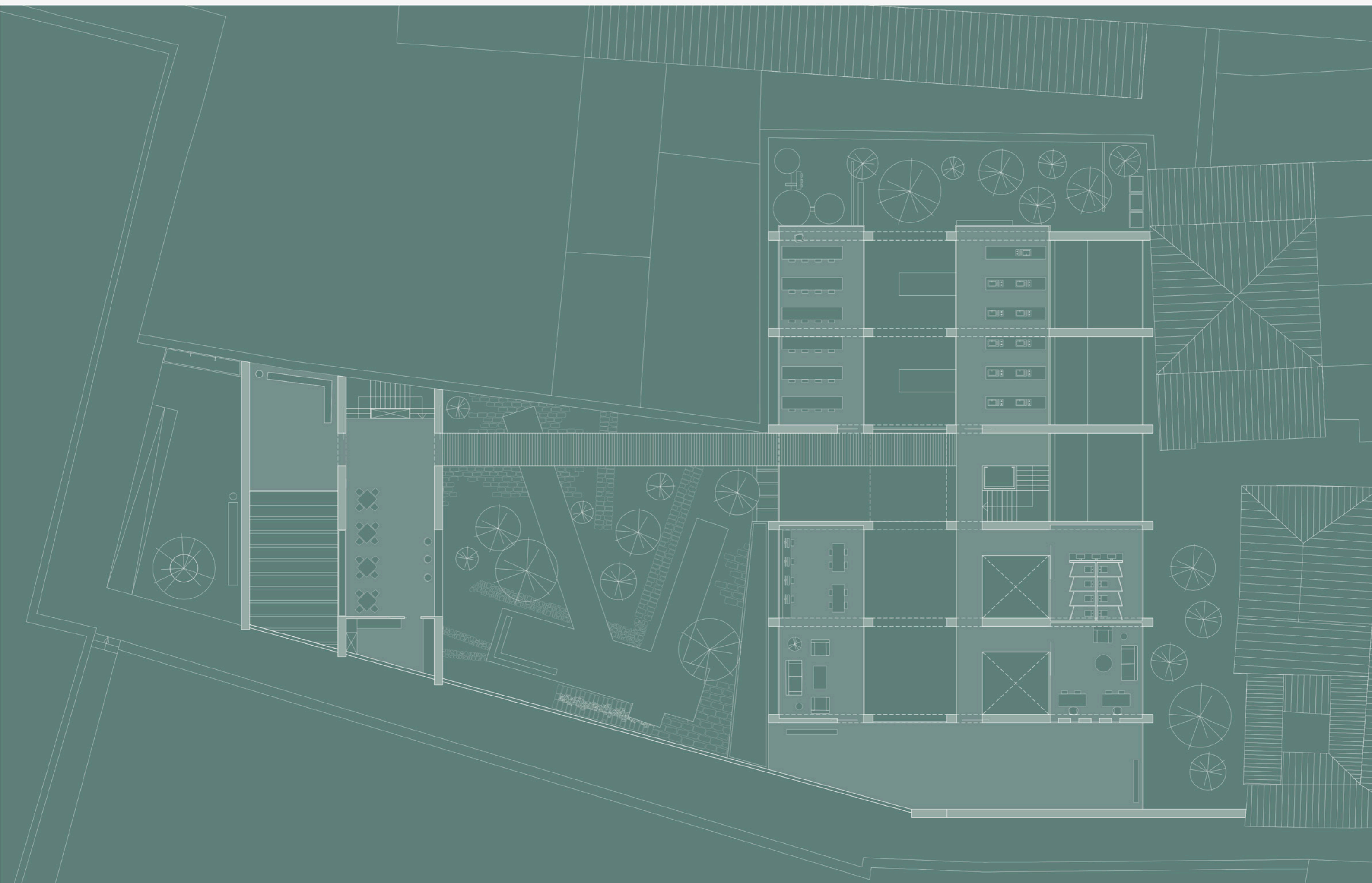
As shown in the image of the previous page, my approach from the first moment was to generate a checkerboard of parallel and perpendicular walls among themselves, a clear order, among which things would happen and they would shelter me the different uses.

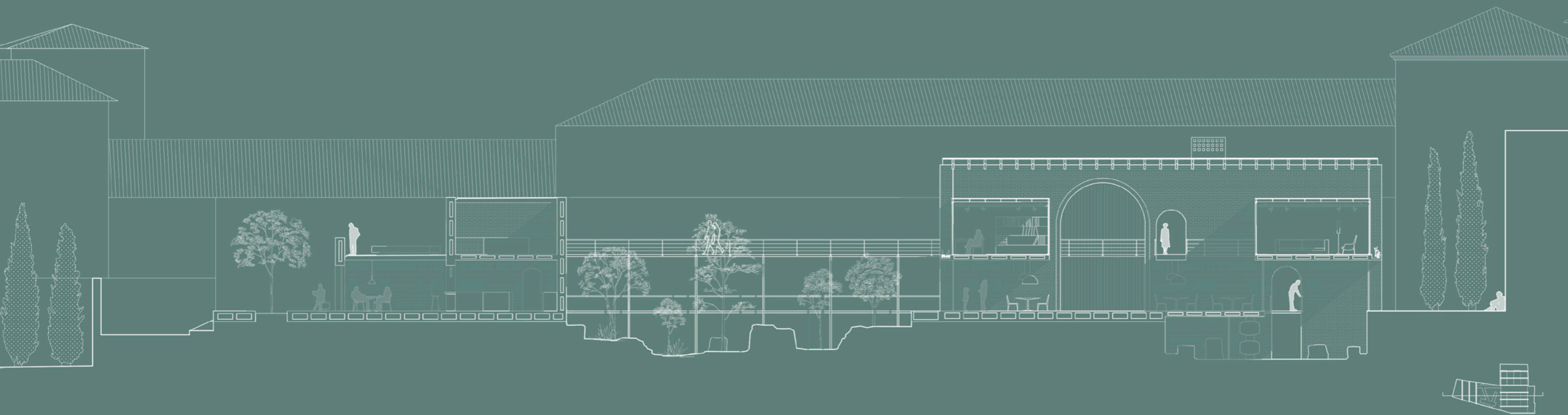
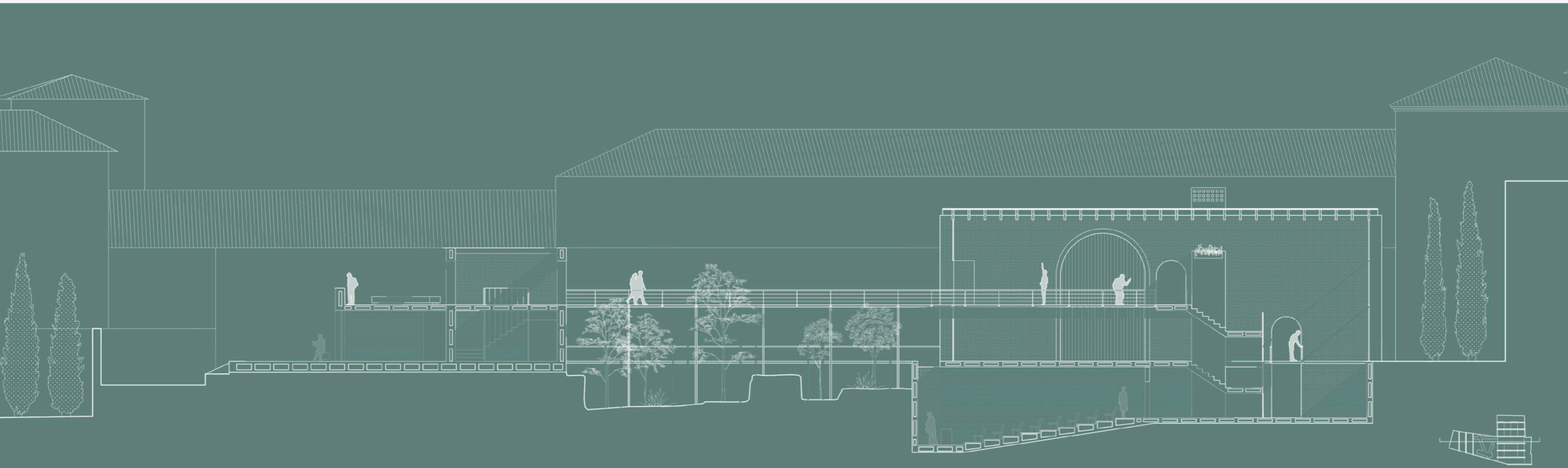
Clearly the problem was the scale and how to treat the Roman ruins, this led me to generate several possibilities and investigate about the Roman construction methods, so I opted for large load-bearing walls with arc-discharge system (whose distance is finally 5.4 m), materialized with Elesdopa System and covered with Brick. These walls are perforated by a system of glass boxes that serve to brace and put other uses higher.

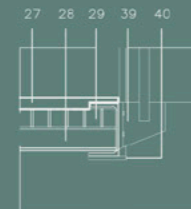
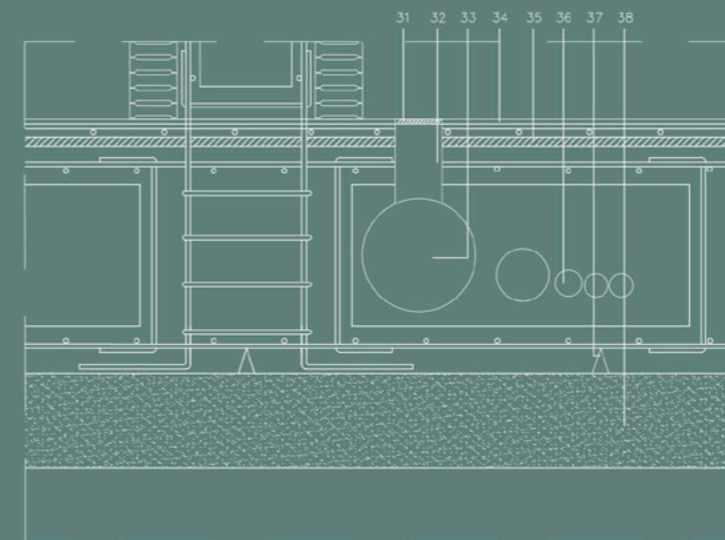
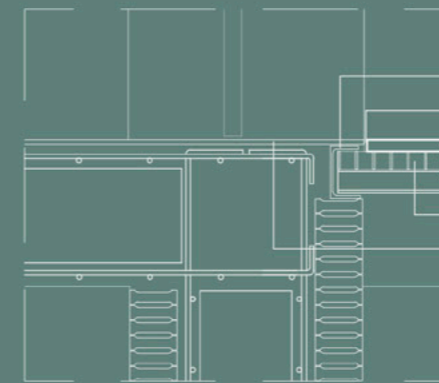
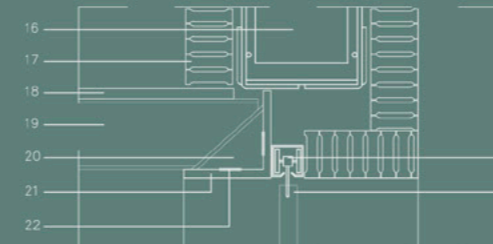
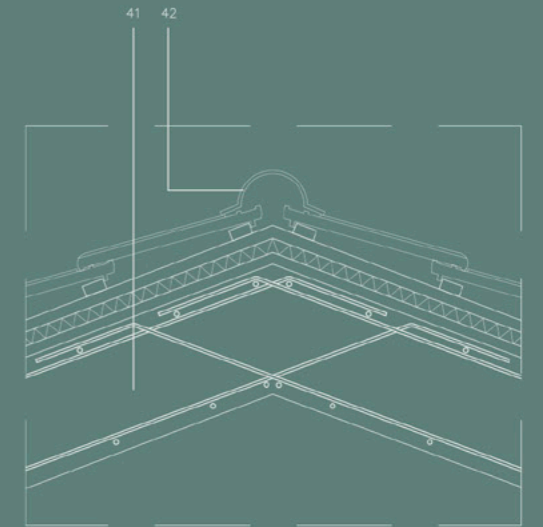
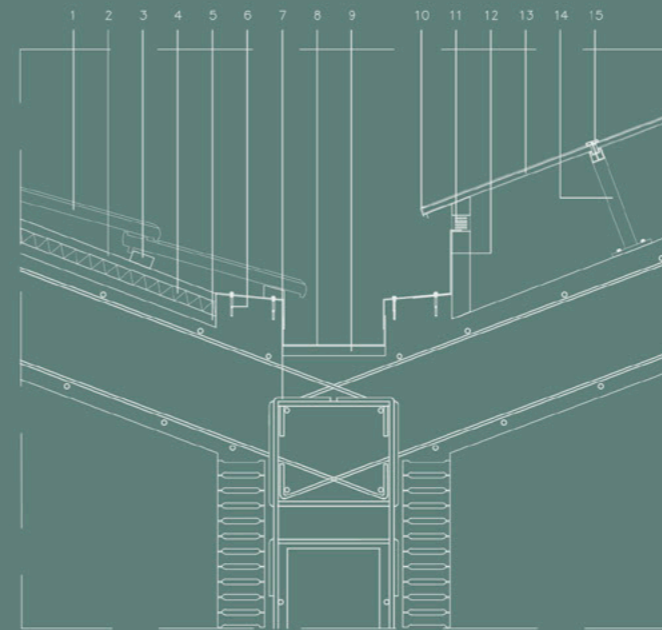
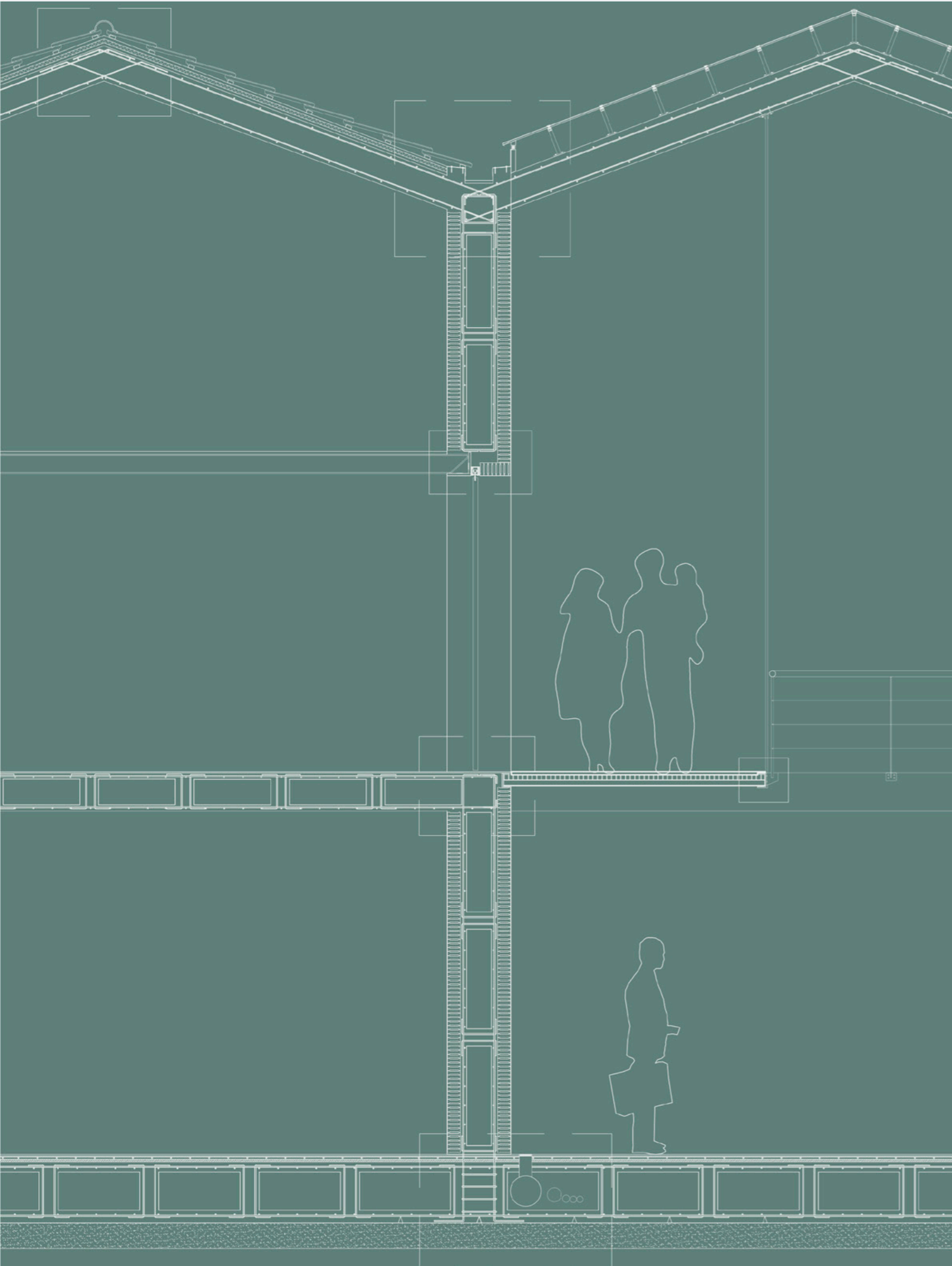
Albayzin, Granada



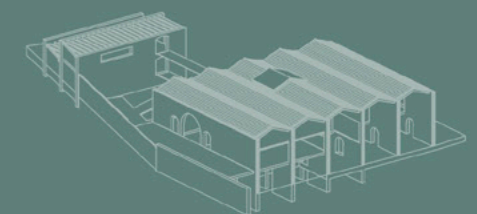


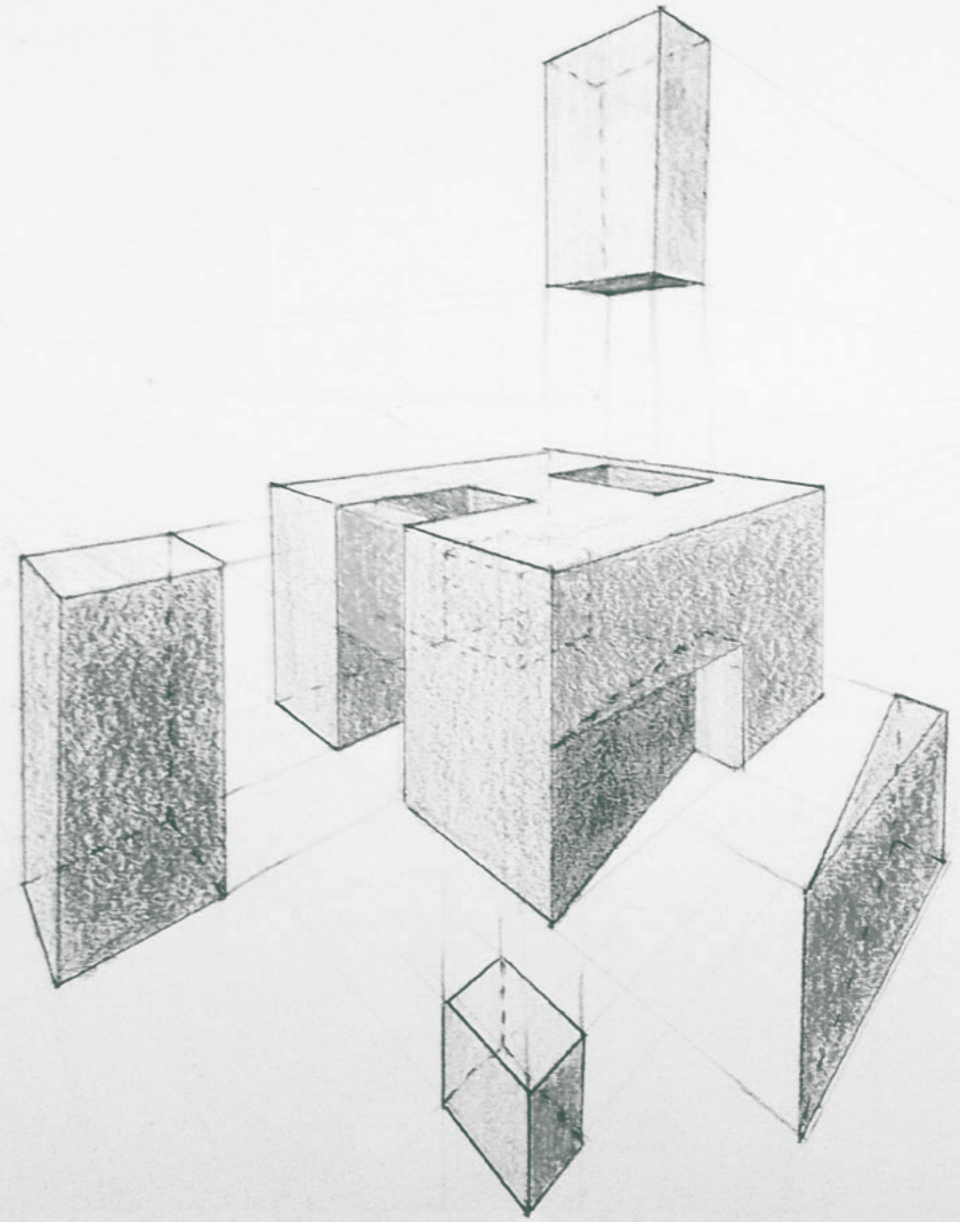






- 1 TEJA CERÁMICA ALICANTINA
- 2 RASTREL METÁLICO VERTICAL
- 3 RASTREL METÁLICO HORIZONTAL
- 4 AISLANTE TÉRMICO DE POLIURETANO EXPANDIDO
- 5 TABLÓN DE MADERA
- 6 TORNILLO DE ANCLAJE
- 7 ARMADURA DE FERRALLA
- 8 CANALÓN DE CHAPA METÁLICA
- 9 MÓRTERO DE FORMACIÓN DE PENDIENTE
- 10 GOTERÓN
- 11 RENDIJA DE VENTILACIÓN
- 12 PLAMINA IMPERMEABILIZANTE
- 13 VIDRIO TEMPLADO ANTI-IMPACTO
- 14 SOPORTE METÁLICO LUCERNARIO
- 15 RASTREL HORIZONTAL LUCERNARIO
- 16 MURO ARMADO SISTEMA ELESDOPA
- 17 LADRILLO CERÁMICO JUNTA ENRASADA
- 18 TABLERO DE MADERA
- 19 PERFIL IPE 140
- 20 CHAPA DE REFUERZO
- 21 PERFIL ANGULAR DE SOPORTE
- 22 SOLDADURA
- 23 PERFIL METÁLICO PRA RASTREL PUERTA
- 24 PUERTA CORREDERA
- 25 UPN DE ANCLAJE
- 26 JUNTA ELÁSTICA
- 27 TABLÓN DE MADERA
- 28 PERFIL IPE 80
- 29 PASARELA METÁLICA TRAMEX
- 30 CAPA DE CEMENTO PULIDO
- 31 REJILLA DE VENTILACIÓN
- 32 CONDUCTO DE VENTILACIÓN
- 33 TUBO DE CLIMATIZACIÓN
- 34 CAPA DE COMPRESIÓN
- 35 LAMINA ANTI-IMPACTO
- 36 ABSTECIMIENTO DE AGUA
- 37 SEPARADORES
- 38 CAPA FILTRANTE Y DRENANTE DE ENCACHADO DE GRAVA
- 39 ANCLAJE BARANDILLA METÁLICA
- 40 ANCLAJE DE TIRANTE DE PASARELA
- 41 VIGA DE HORMIGÓN ARMADO (25X10)
- 40 TEJA CERÁMICA DE CORONACIÓN





House in Seoul



The exercise proposed in the subject "Shapes Analysis II" where gave us a plot of 154 m², of which 64 m² are constructible.

- Main Ideas:
- Diaphanous Spaces
 - Crossed Views
 - Light and Vertical conetions

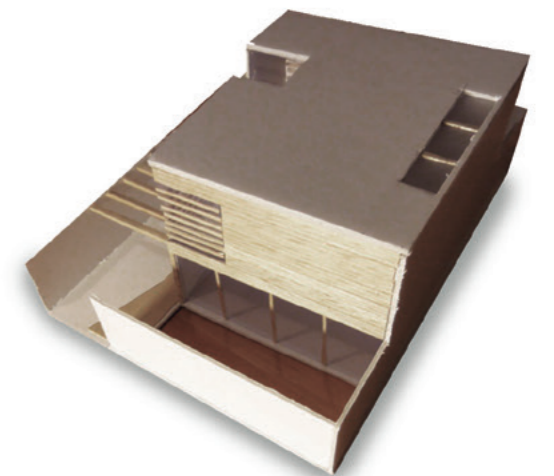
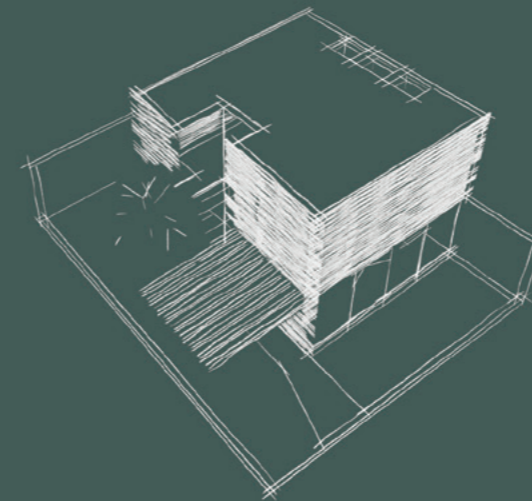
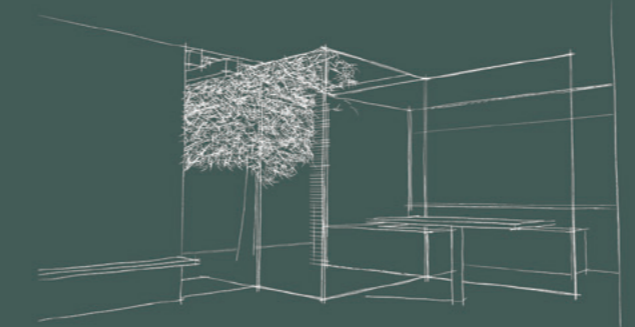
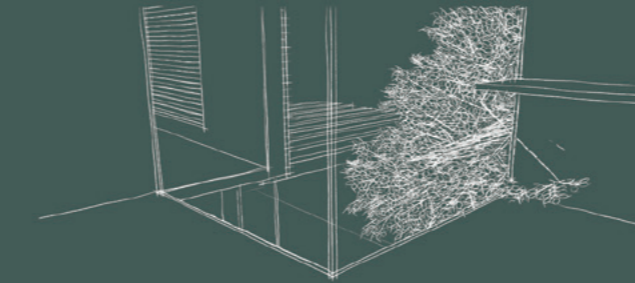
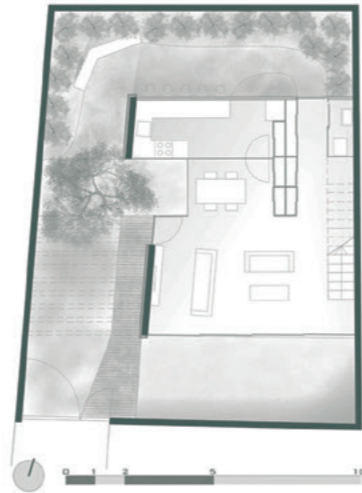
The inhabitants of the house are a couple and their son.

The access to the parcel can be pedestrian or by a vehicle. The first thing that orders and separates the space is an Arce, tree which was chosen for its great expressiveness of the different seasons.

On the ground floor there is a large diaphanous space that gives play to different possibilities according to their needs, with a glass sliding door that can be completely open to the pool.

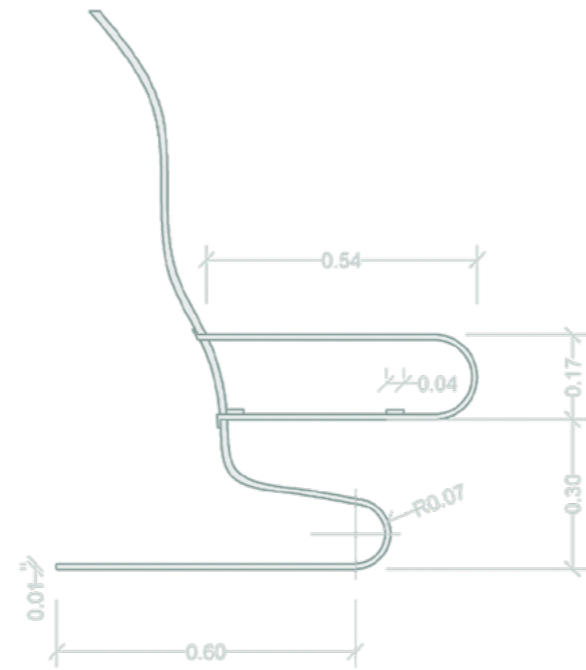
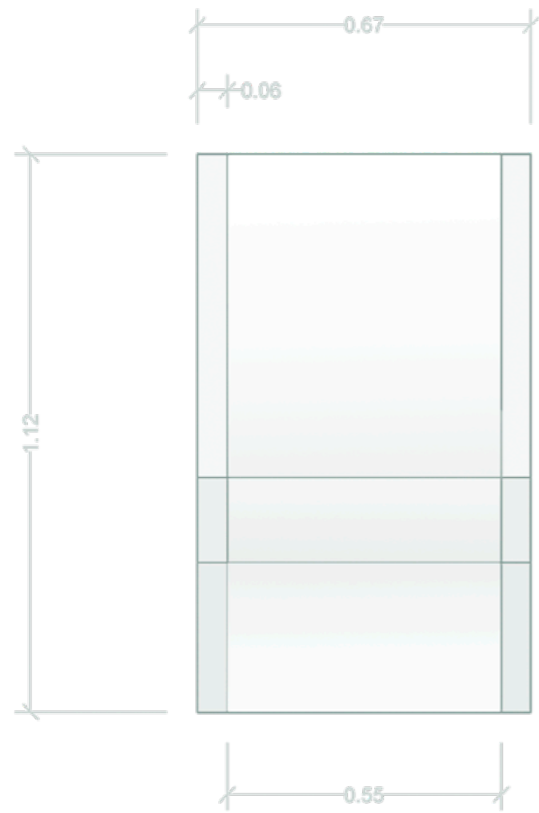
On top floor are the bedrooms, with bathroom and study for the son, and bathroom and dressing room for parents.

The spatial richness of this piece is generated with the movement of light and the tensions generated by the visual diagonals that build the space.

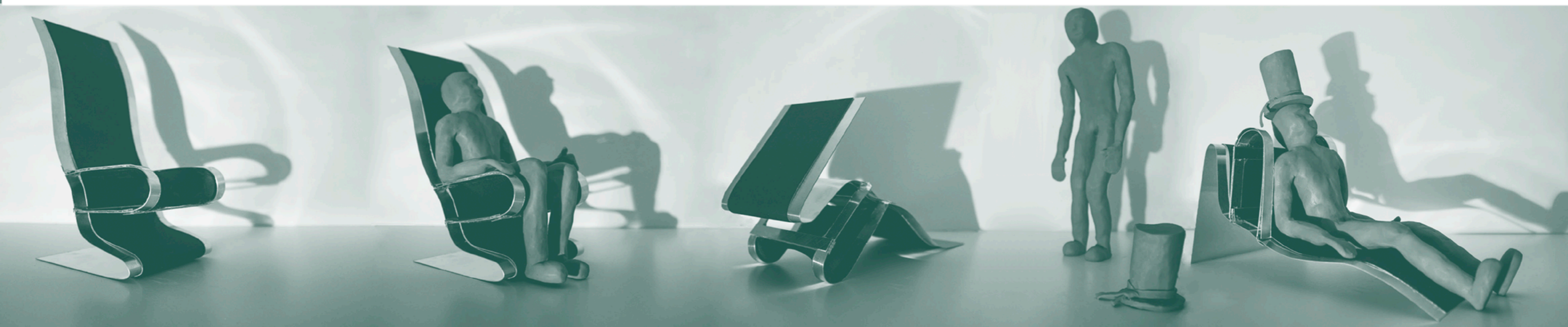


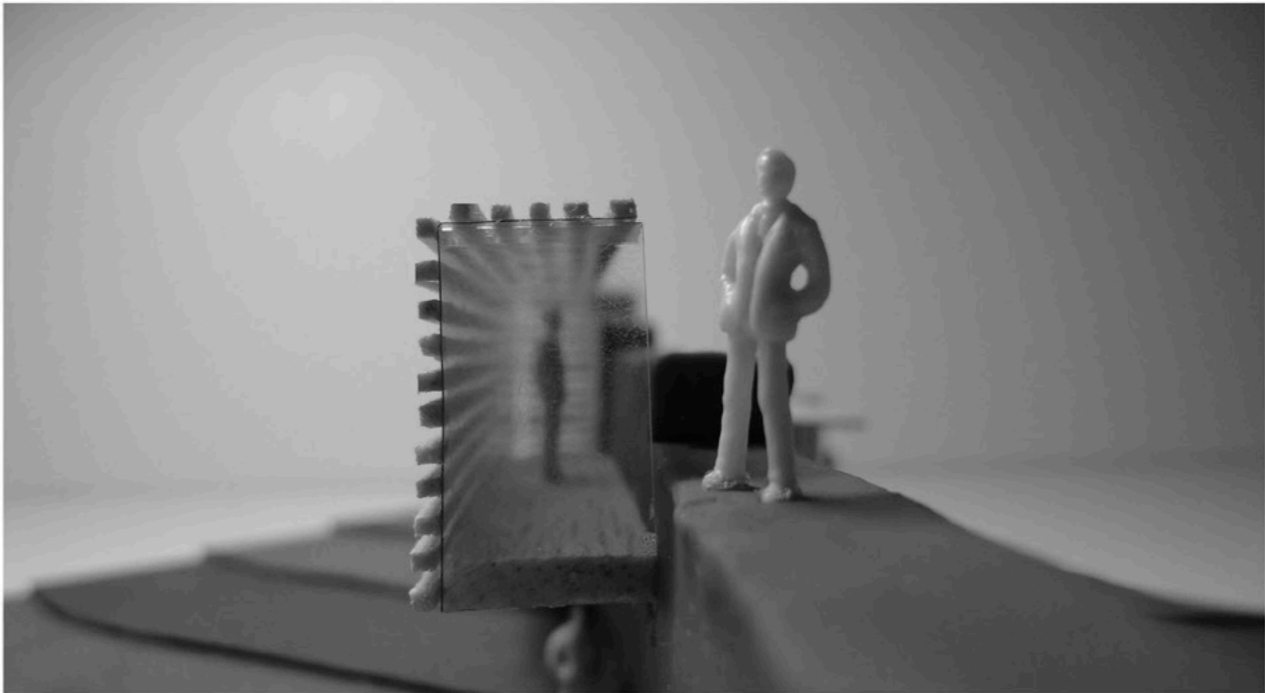


Dual

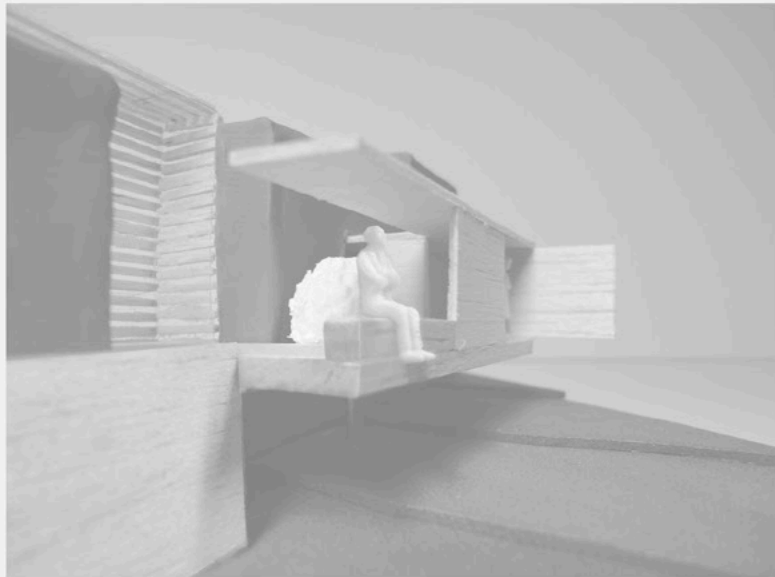
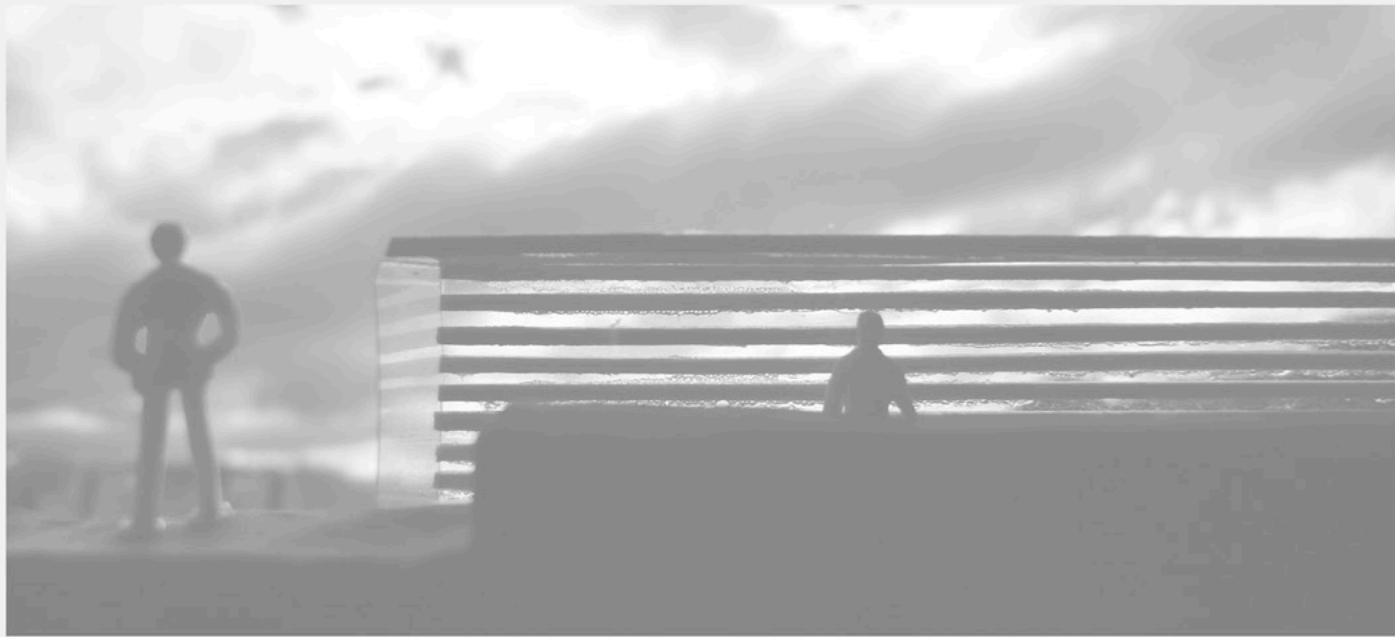


Despina is the city that has inspired me to create this chair. It is a city from "Las Ciudades Invisibles" (Invisible cities) written by Italo Calvino in the year 1972, a book that has changed young architects minds since then. Despina is the city that explain that everything depend on the perspective; the people saw it as a desert city if they arrive from the sea, or as a port if they came from the desert. I caught this "dualism" as the main concept, and finally it becomes as the name of the chair.

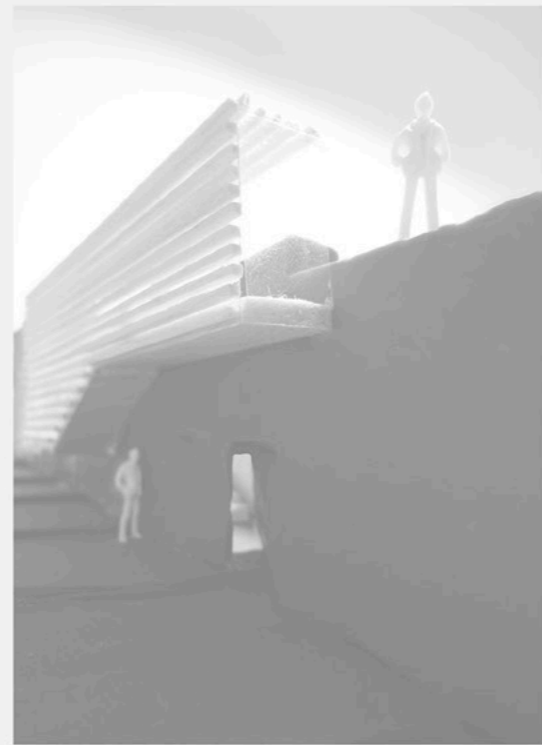




Trace

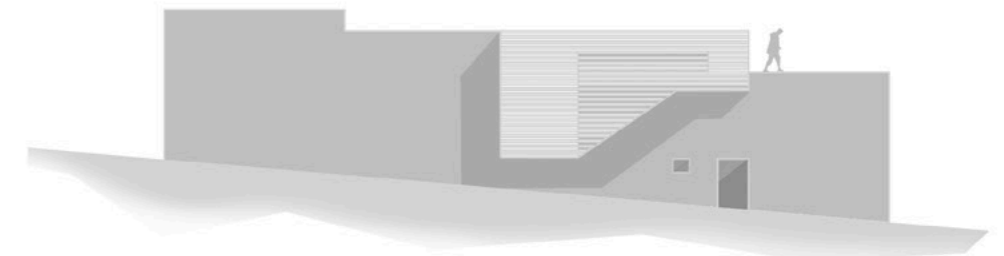
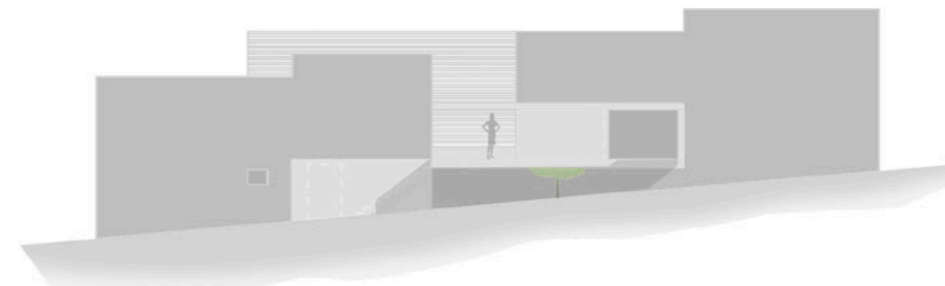
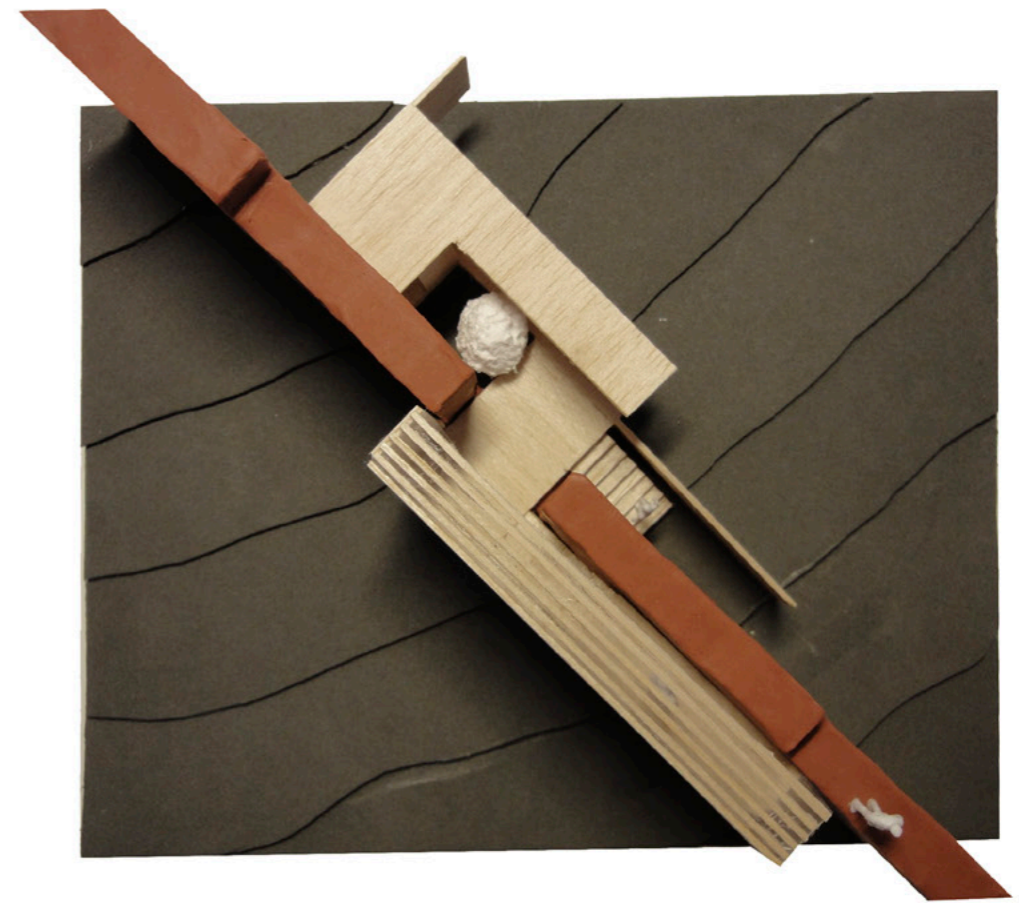


The idea of this project is to create a path that directs the gaze of visitors at certain points framed by the construction to discover the environment.



Another concept taken into account at the time of developing the project, has been the "The Footprint" that would leave this architecture at the time it ceased to exist producing a series of spaces and holes difficult to understand without the built route.

The choice of wood as the predominant material, it's because he has the capacity to bring warmth and comfort atmosphere, such as the sound that would occur when walking through it, and the smell that would come off and mix with the wet sand after a rainy day ...



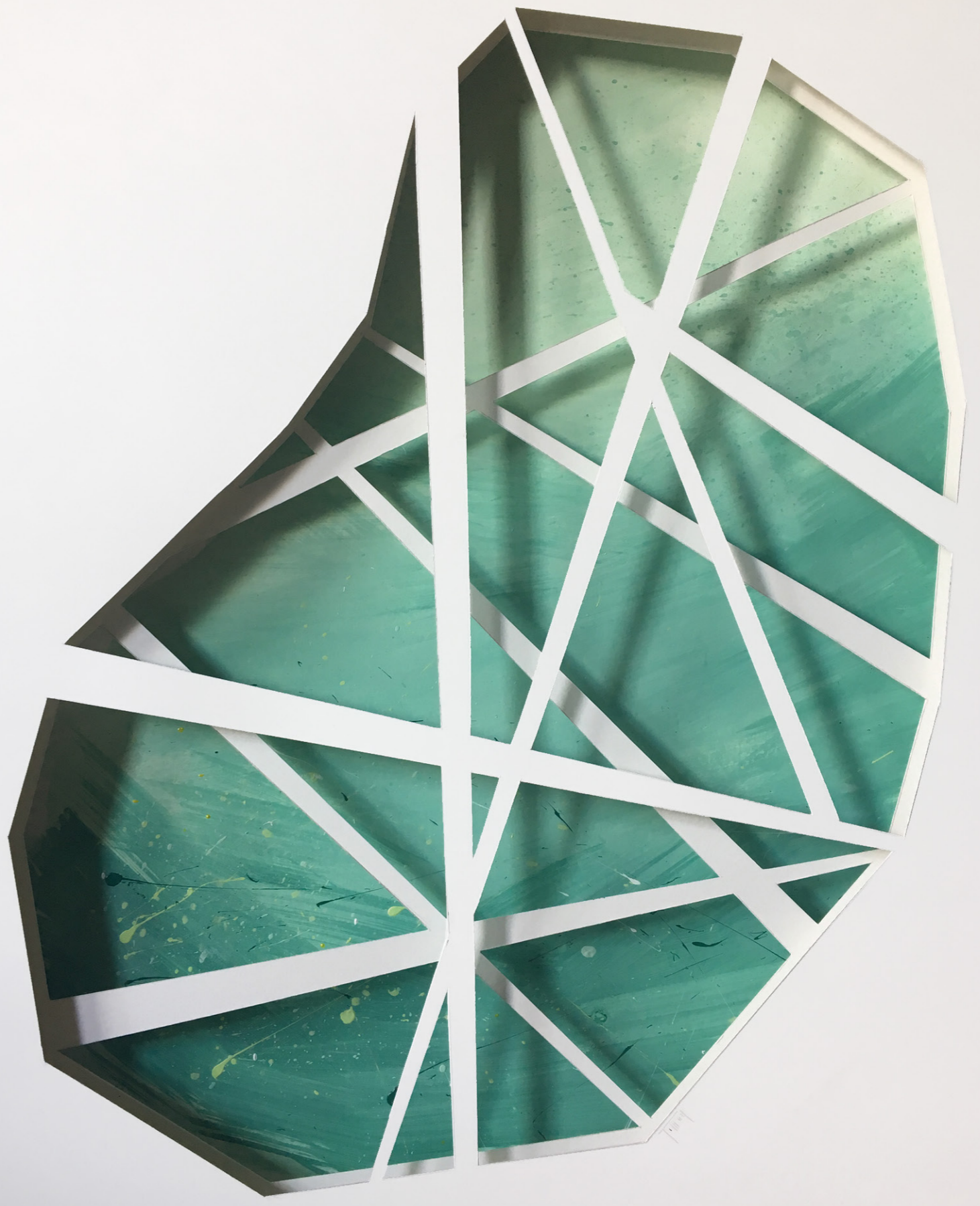
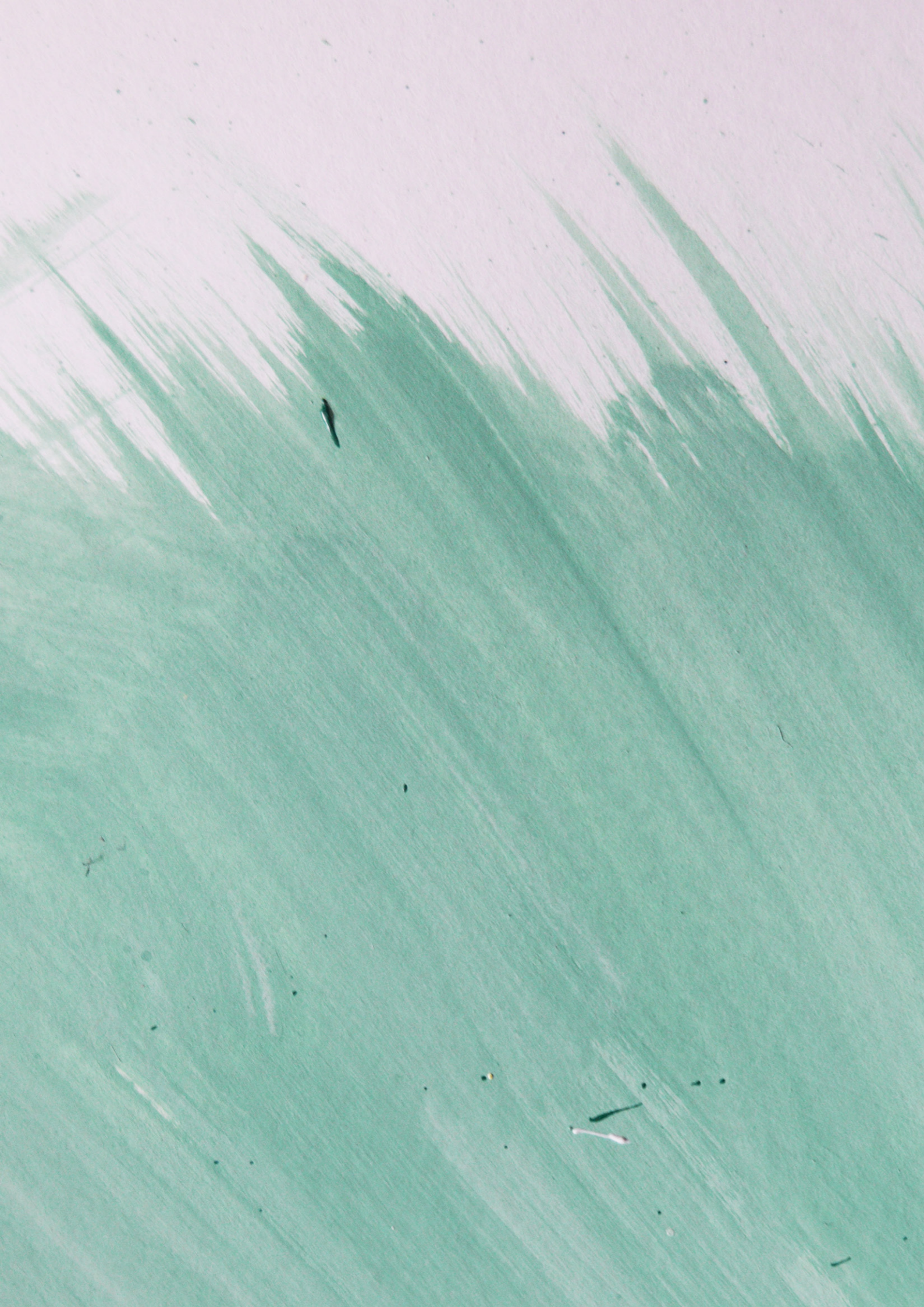


Other skills related
to architecture

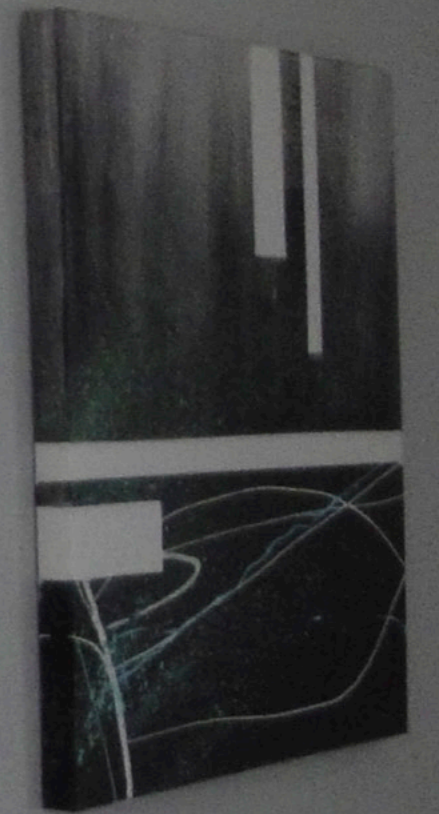






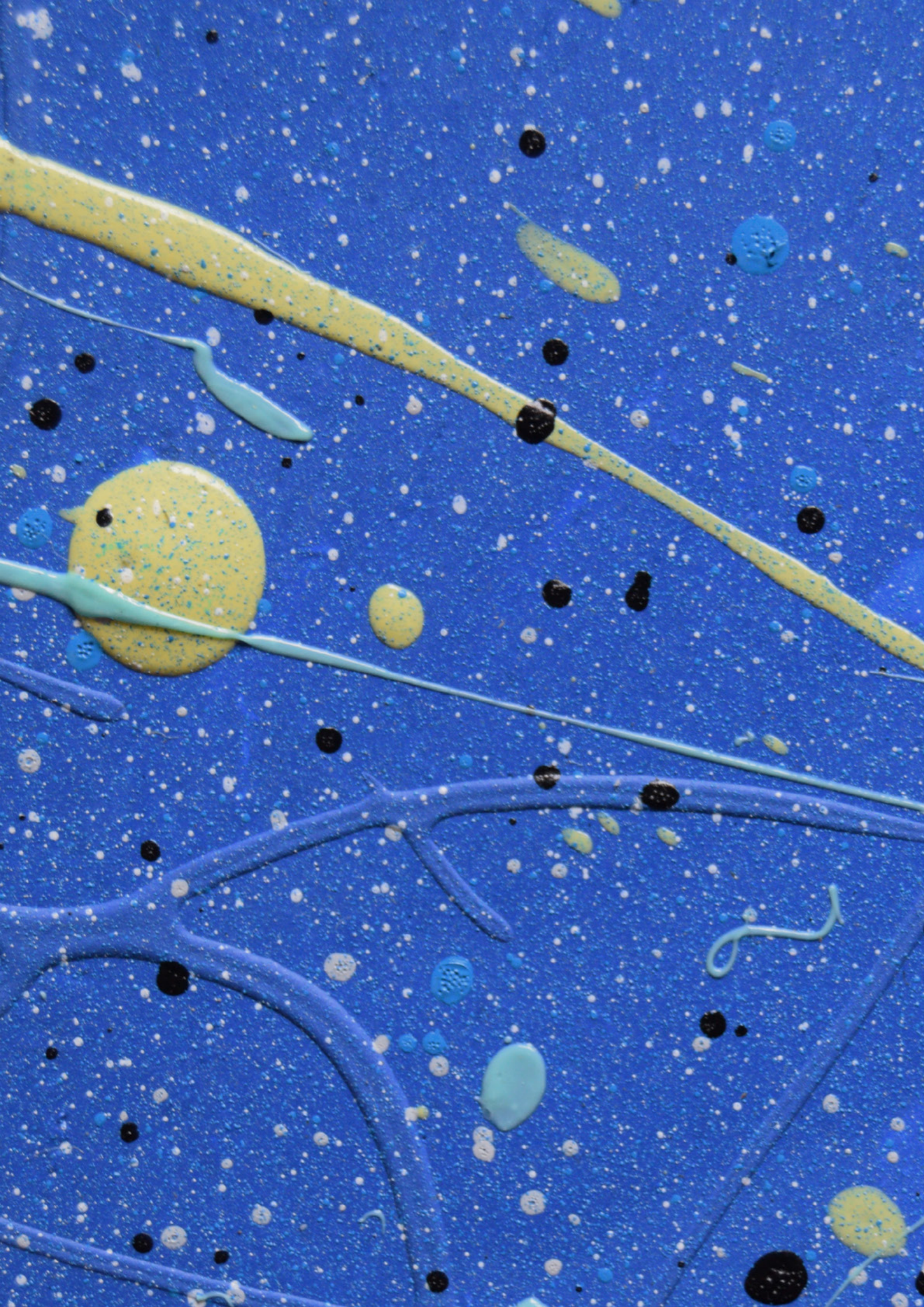


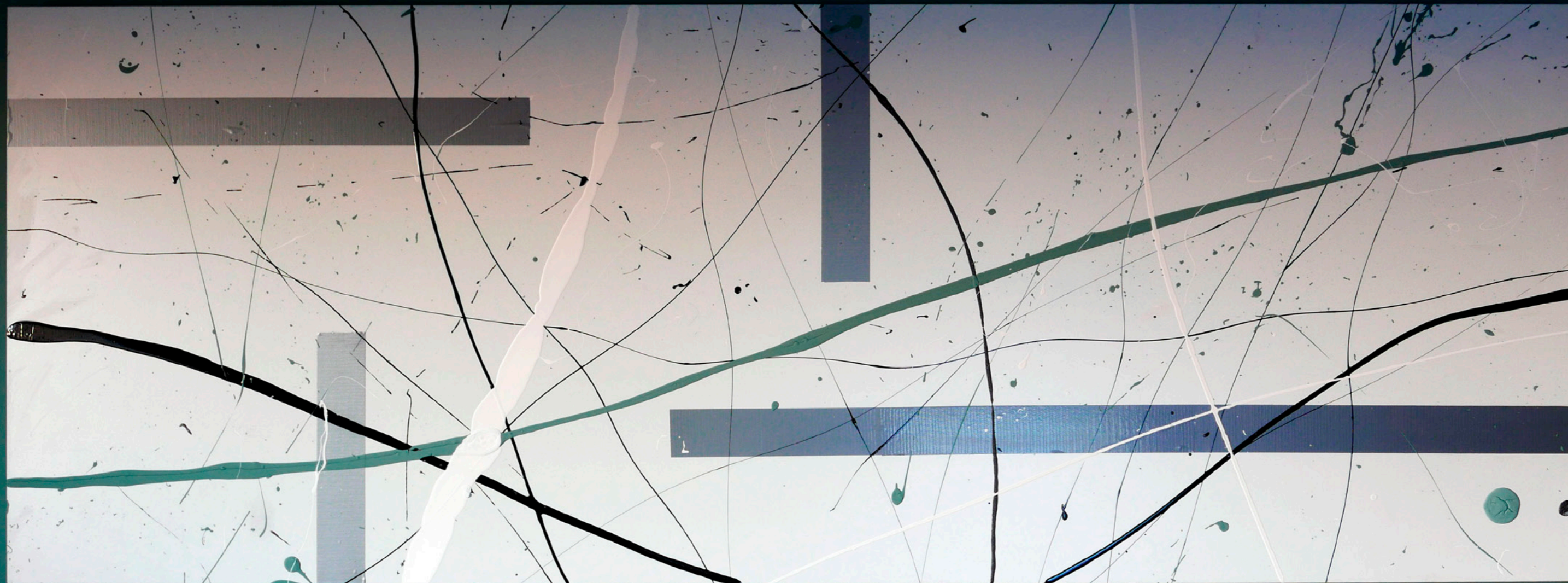














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