



UNIVERSITÀ
DI CAMERINO

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DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE

(D.P.R. 445 del 28 dicembre 2000)

Il/La sottoscritto SIMONE PATRINO, nat^o a ATRI
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matr. 083100, iscritto presso questa Università al seguente corso di studio:
SCIENZE DELL'ARCHITETTURA, avendo presentato domanda di laurea per la seduta
del 26/7/2012, ai sensi e per gli effetti del D.P.R. n. 445 del 28 dicembre 2000 e dell'art.
1 del D.P.R. n. 403 del 20 ottobre 1998, in attuazione degli articoli 1, 2 e 3 della legge del 15
maggio 1997, n. 127 in materia di semplificazione delle certificazioni amministrative, consapevole
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ASCOPI PICOLO, 6/7/2012
(luogo) (data)

(firma)



UNIVERSITA' DEGLI STUDI DI CAMERINO

SCUOLA DI ARCHITETTURA E DESIGN "EDUARDO VITTORIA"

SEDE DI ASCOLI PICENO

AUTORIZZAZIONE A LAUREARSI *

CORSO DI LAUREA IN SCIENZE DELL'ARCHITETTURA

Matricola n. 083100

Tipo Tesi progettuale teorica

Il Prof. LUIGIO ROMAGNI relatore della tesi di

laurea autorizza lo studente SIMONE PATRUCCO a sostenere

l'esame di laurea nella sessione ESTIVA dell'anno accademico

2016/2017 con una tesi di laurea avente il seguente titolo:

THE FROZEN TOWER - TOWER OF BABYL 2.0

Ascoli Piceno, 10/2/2017

Lo studente

(firma)

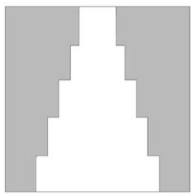
Il Relatore

(firma)

Correlatore

(nome)

* da consegnare 7 giorni prima dell'appello di laurea



THE FROZEN
TOWER
TOWER OF BABEL

YEAR: 2013

LOCATION: Quartiere Testaccio, Rome (RM), ITALY

STATUS: Idea (University Design - Thesis)

AIM: Renewal of Ex-Mattatoio Testaccio

Mattatoio Testaccio was a slaughterhouse in centre of Rome once, but nowadays is in a state of decay and a gypsy community made of it its own house.

Then, aim of the design is the renewal of this place, building inside to slaughterhouse's internal garden a 90m tall for 90m long for 90m large tower, which will offer services to the Rome city and houses for gypsy and other communities which live in Italian capital.

It'll be a sort of "city zip", based on the famous concept of biblical Tower of Babel, a huge bricks-made ziggurat-city, which hosted people of each race and origin.

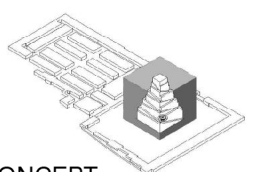
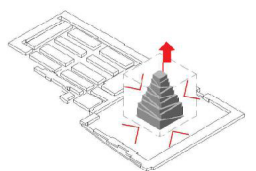
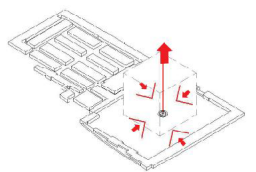
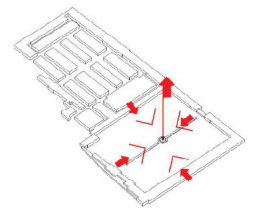
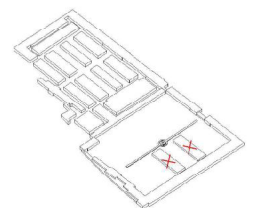
But this 2.0 Tower of Babel won't be made by bricks and stones, but by Steel and Glass.

It is as an Ice-cube which had wrapped the ruins of the ancient tower, preserving inside the ziggurat's form along time.

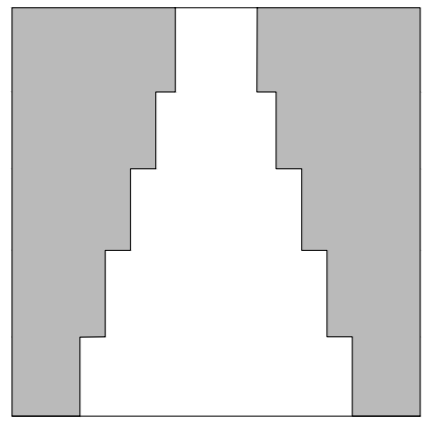
A vertical garden goes down where before were the ancient tower's walls, remarking again so the originally tower's shape.

Housing spaces inside to the tower are not so expensive because buyers can design these by themselves, according to their own culture and wishes.

Moreover, people can remain into the tower for a long time if they wish so, because all sort of service is provided inside to the tower.

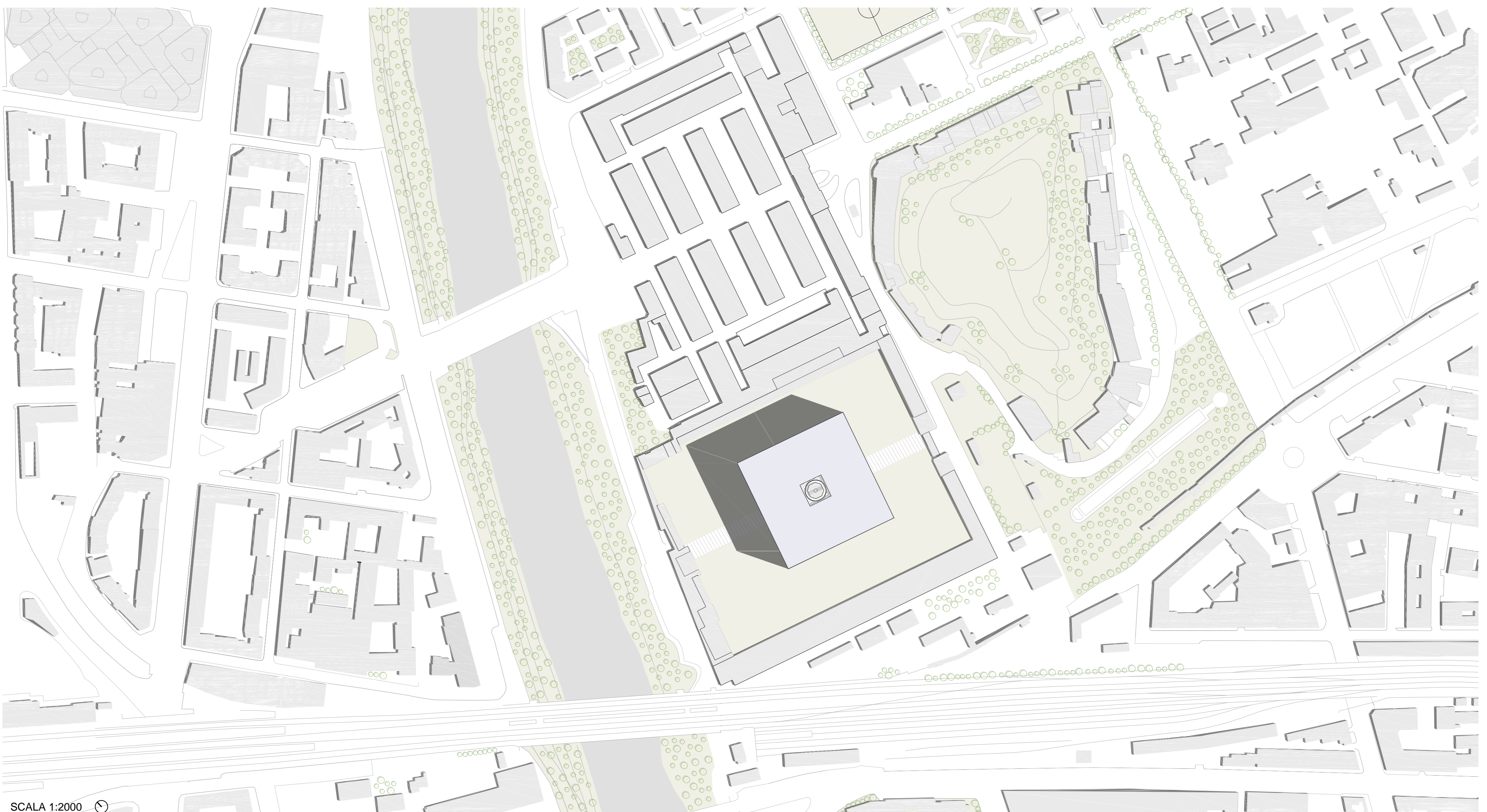
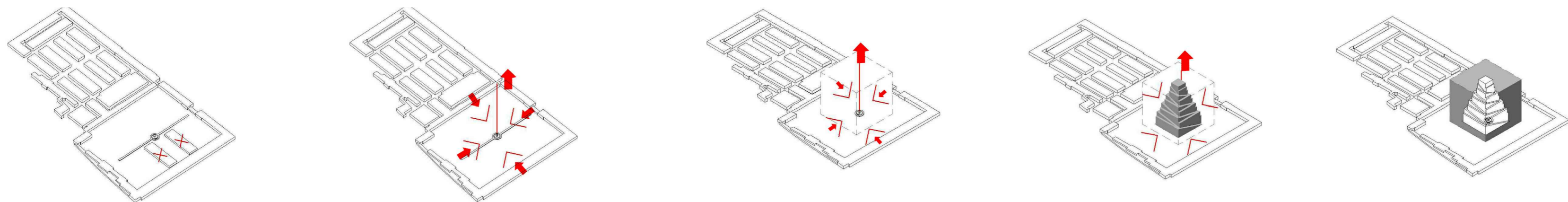
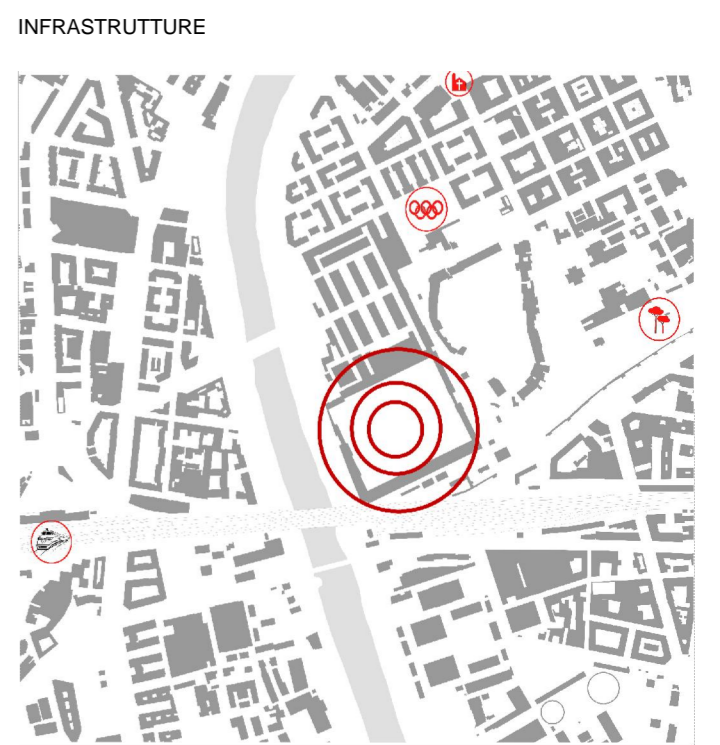
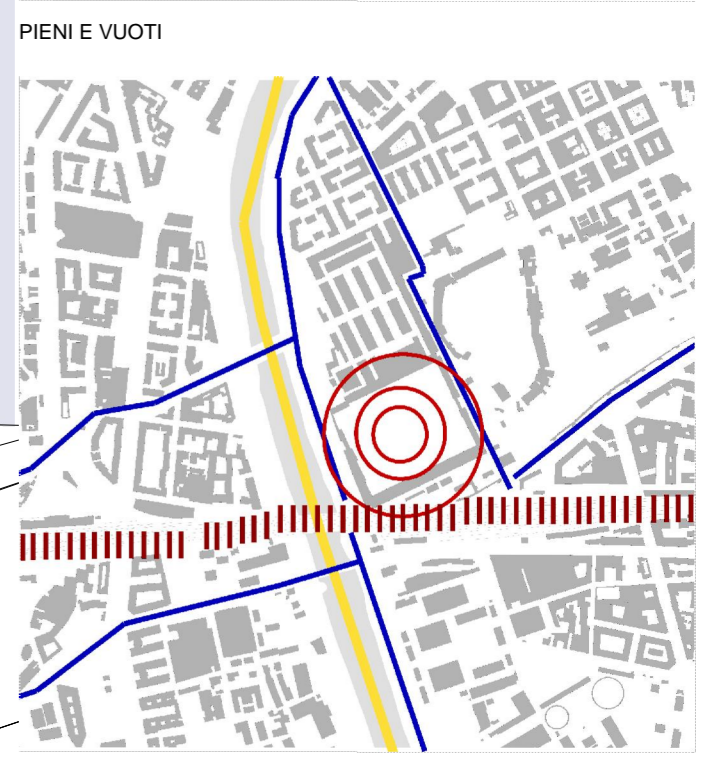
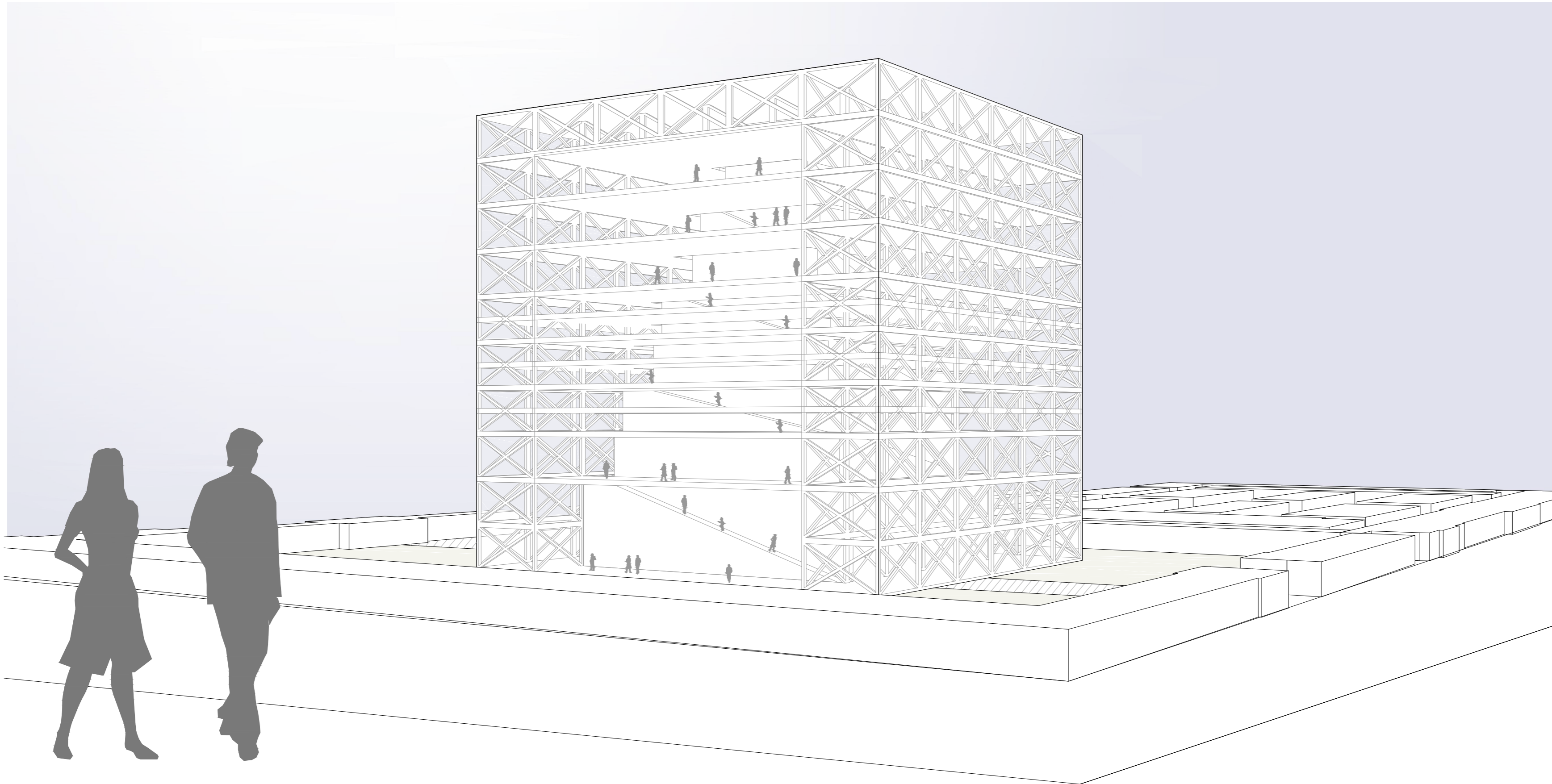
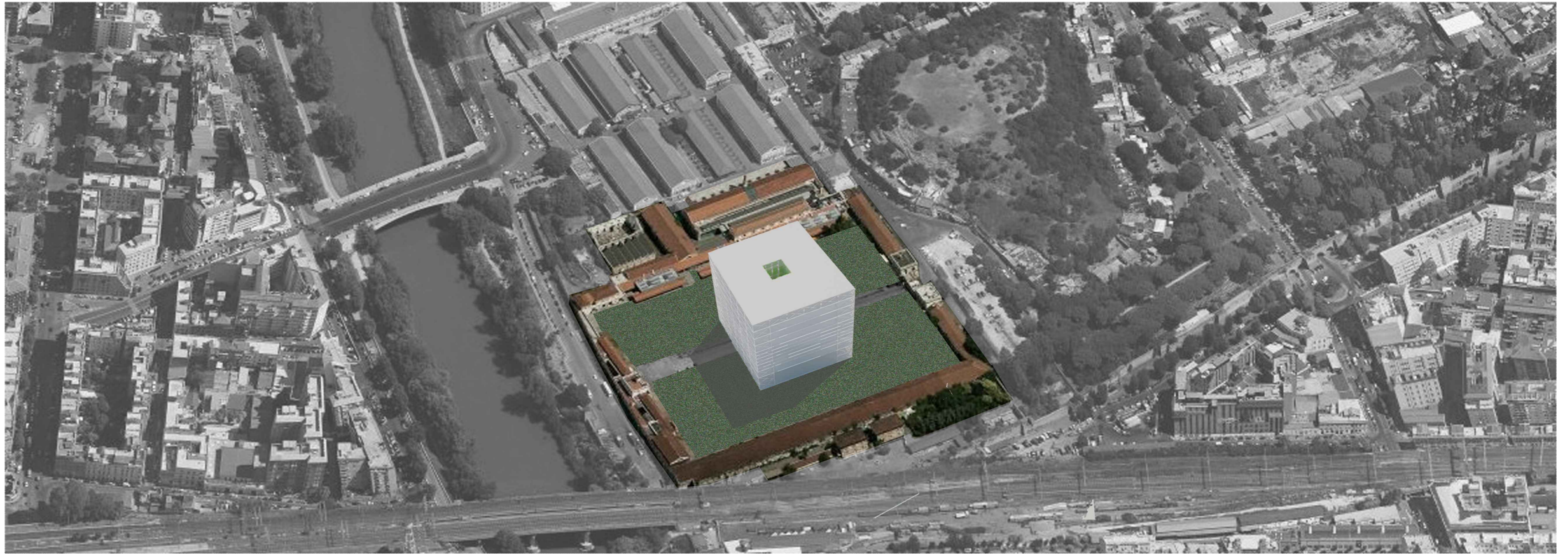


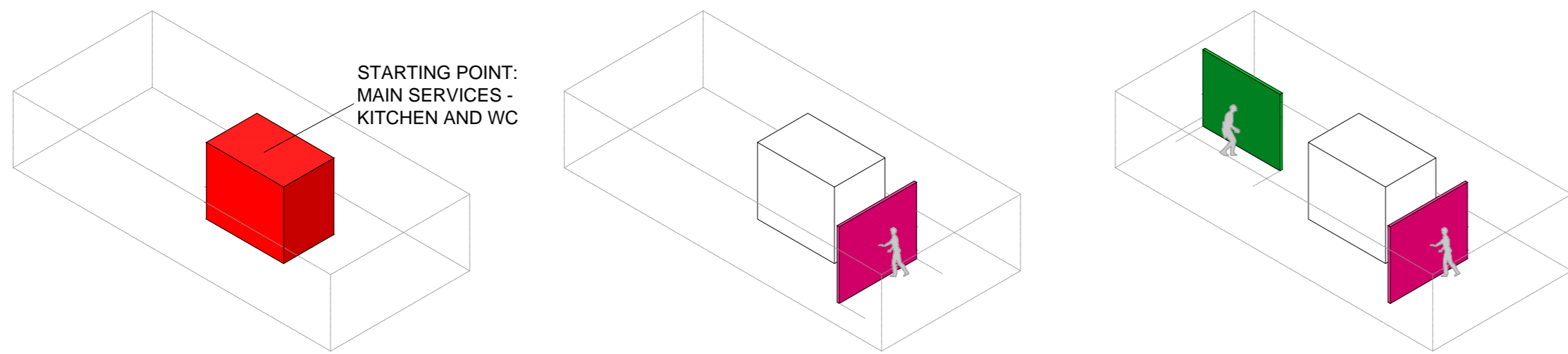
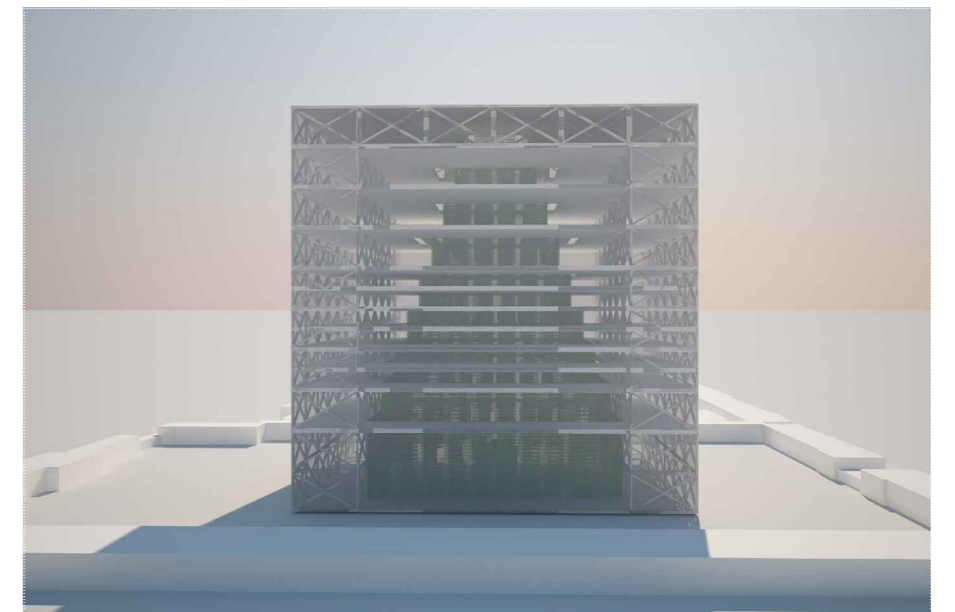
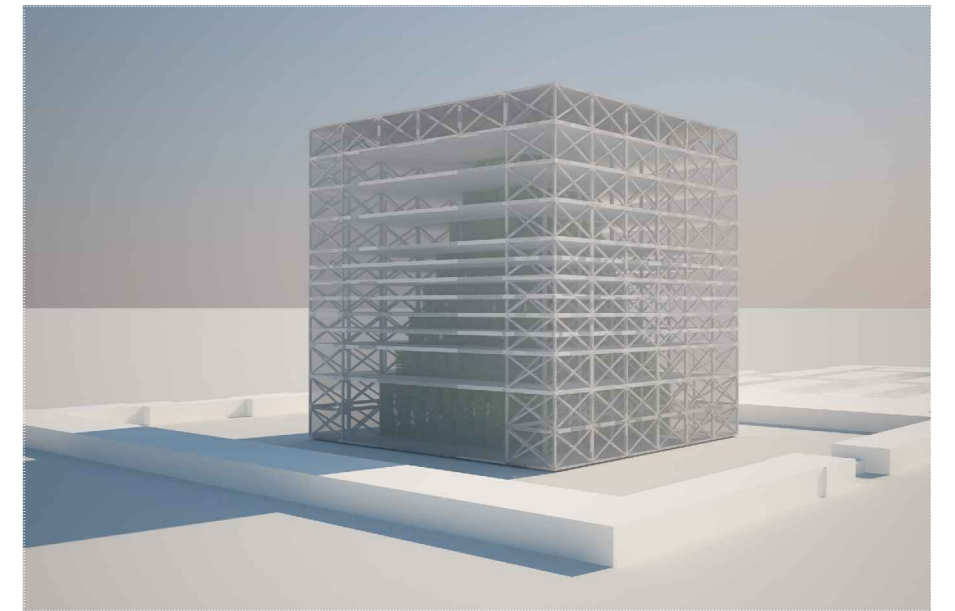
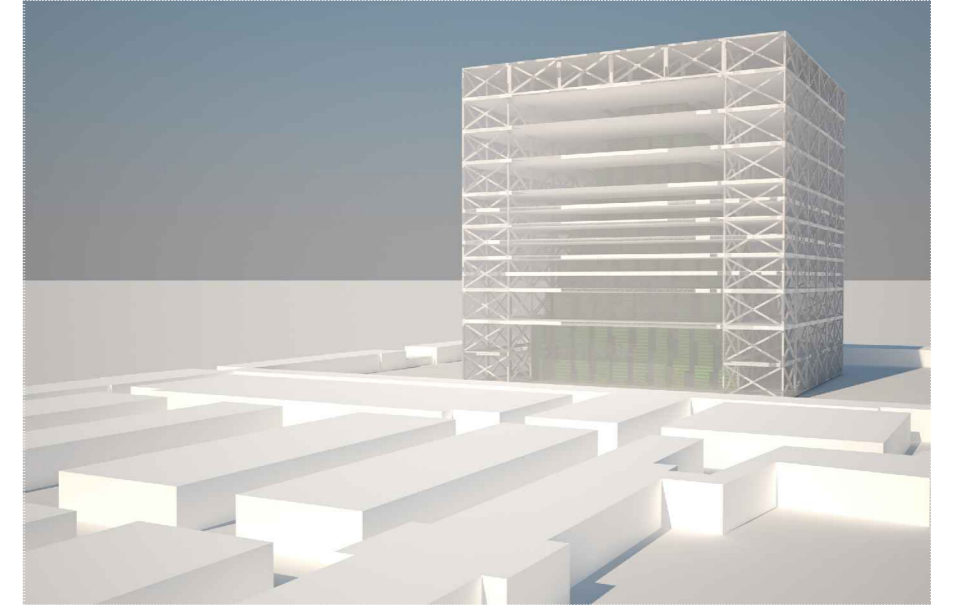
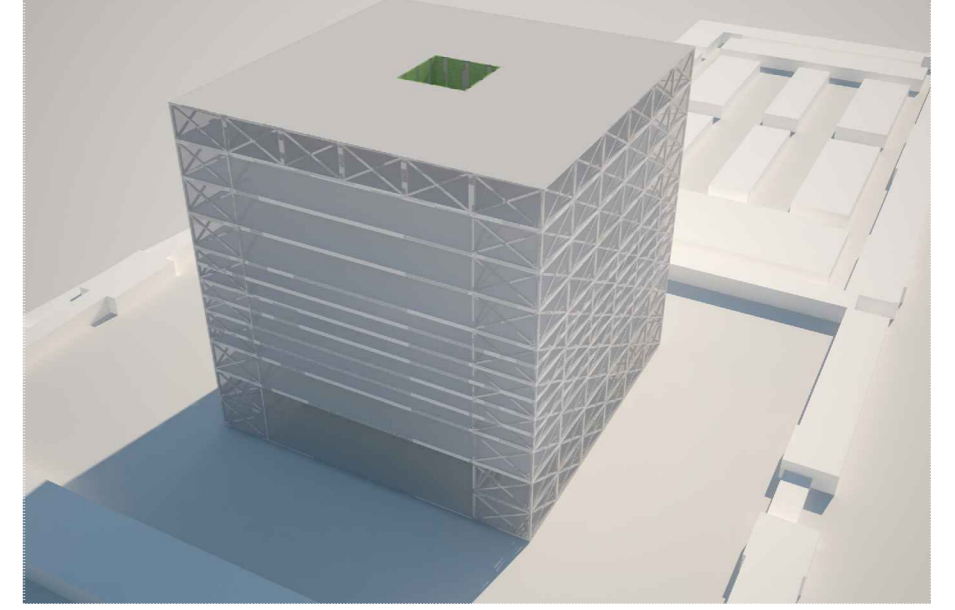
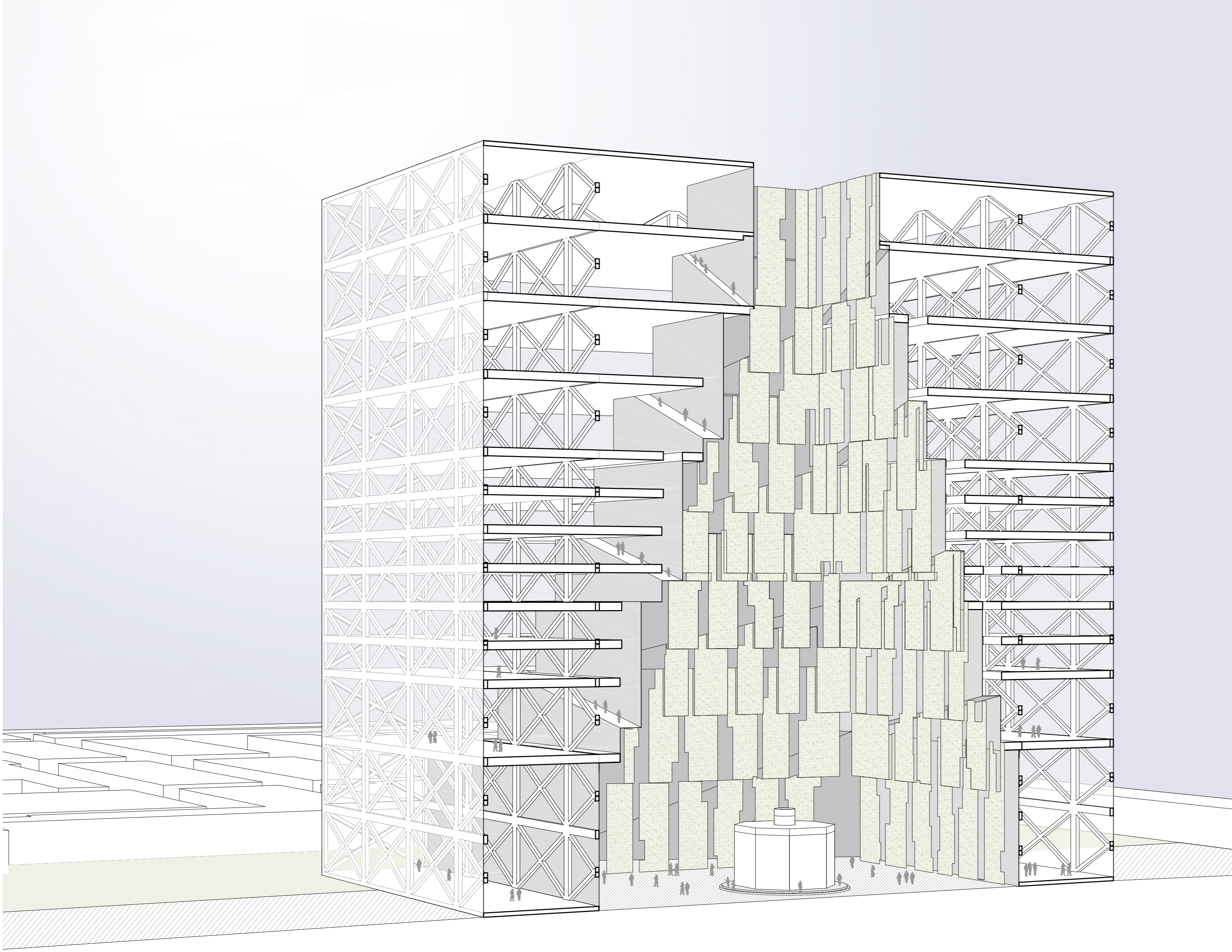
CONCEPT



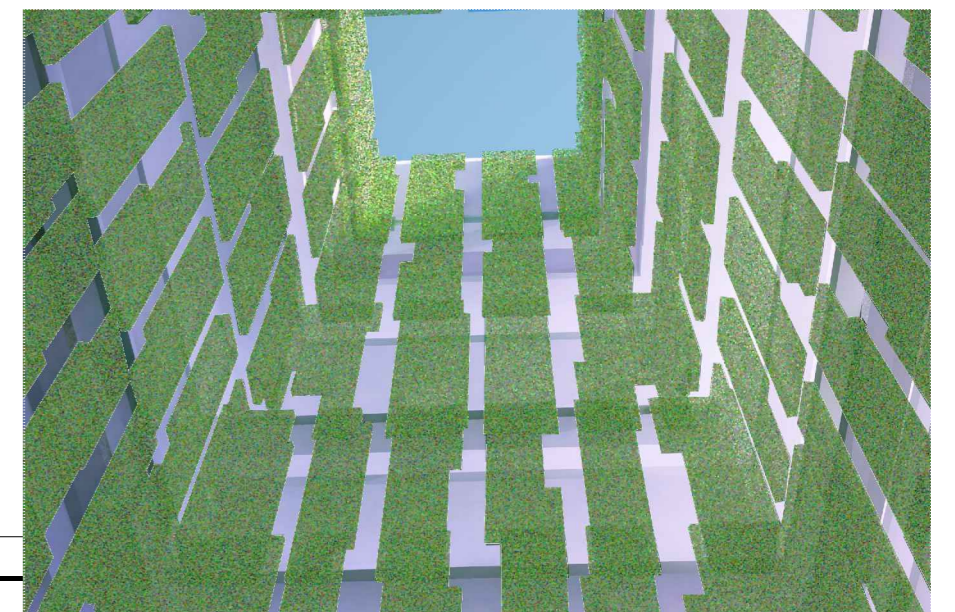
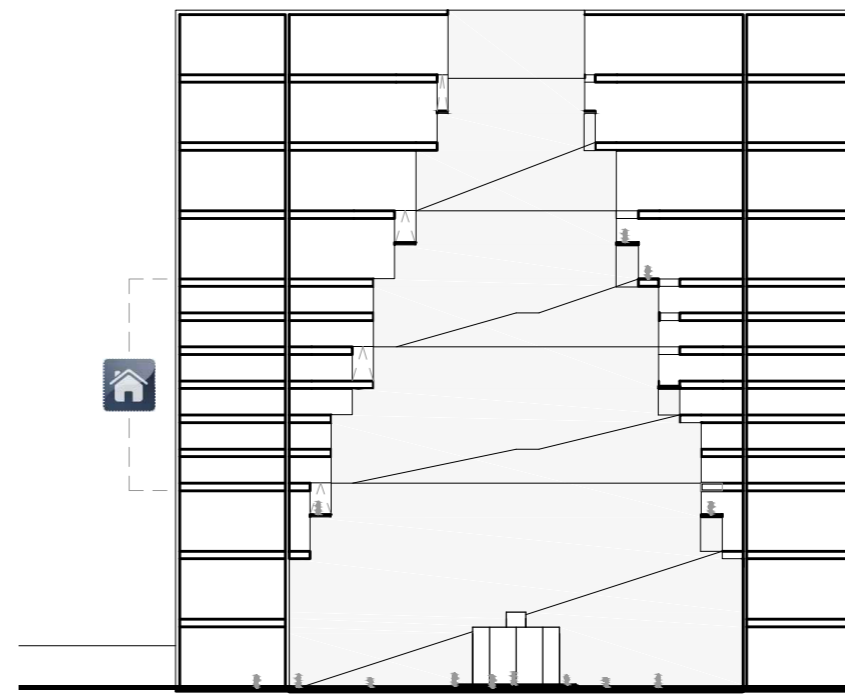
THE FROZEN TOWER

TOWER OF BABEL

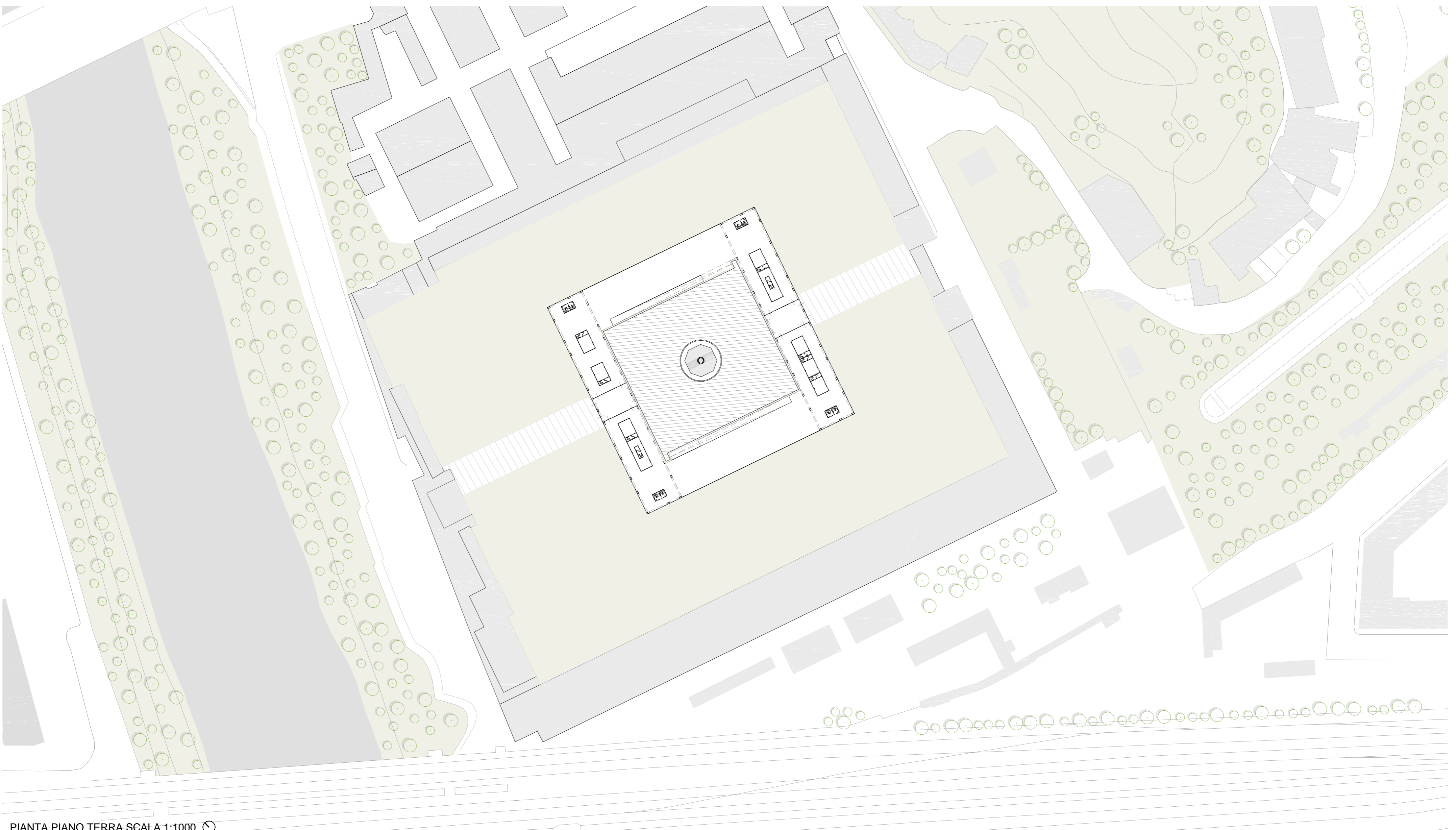


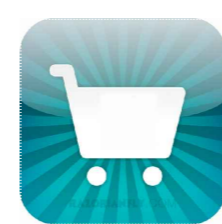
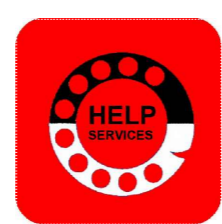
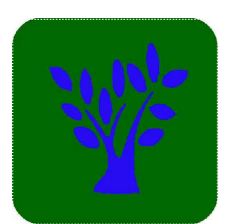
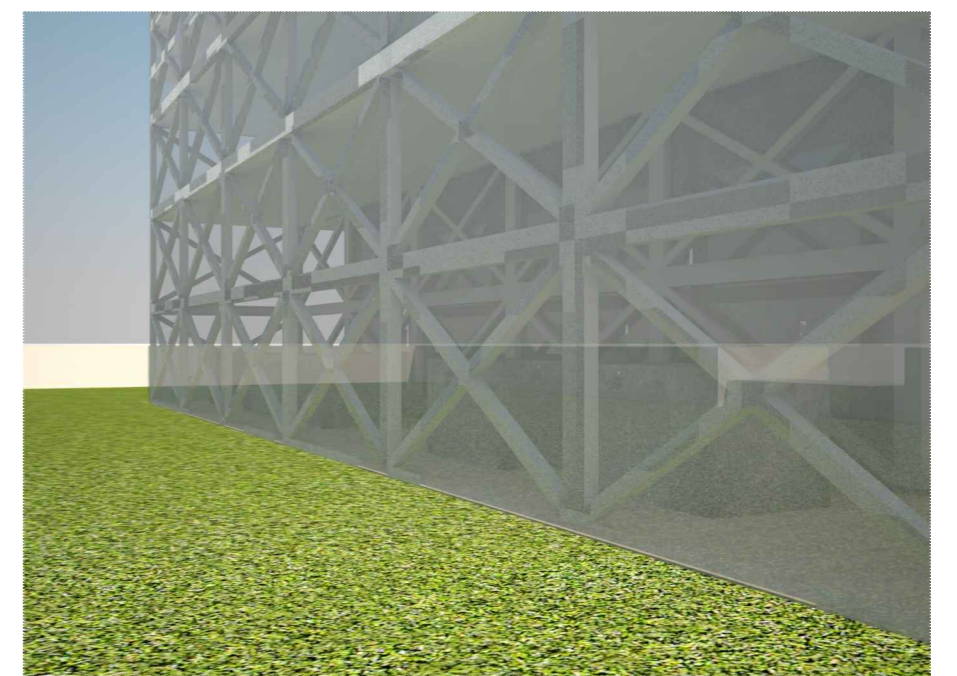
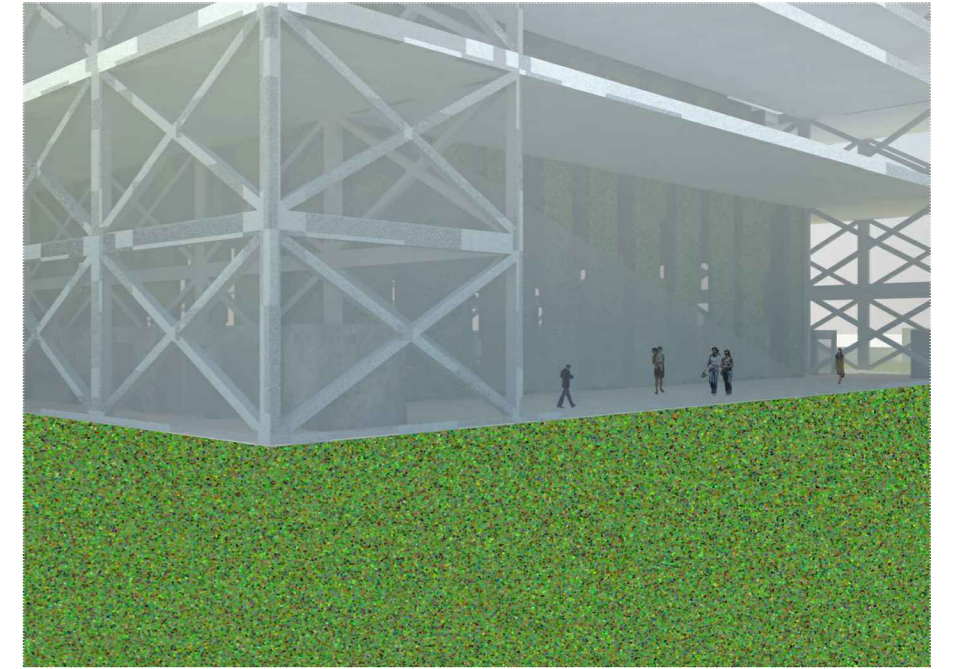
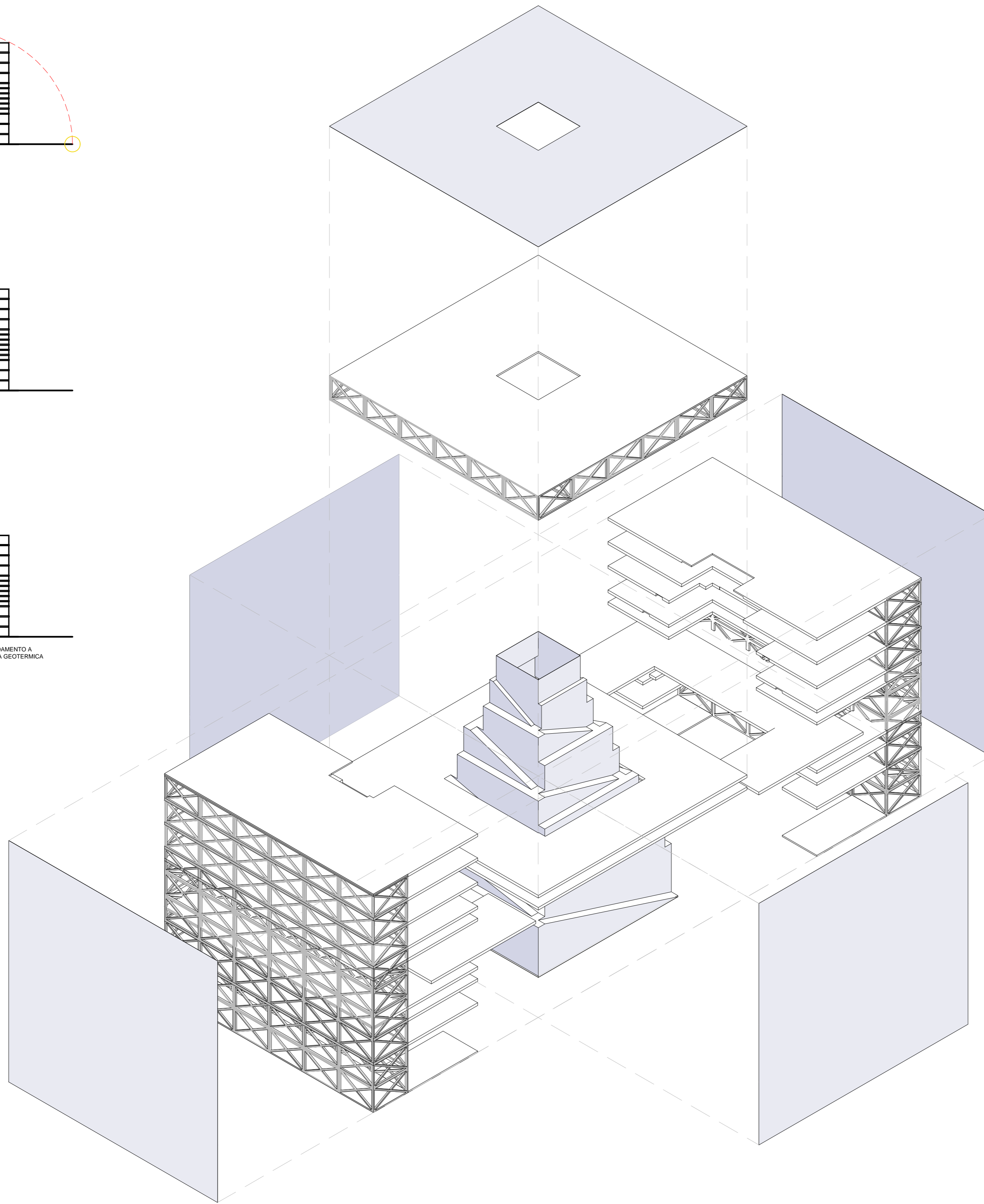
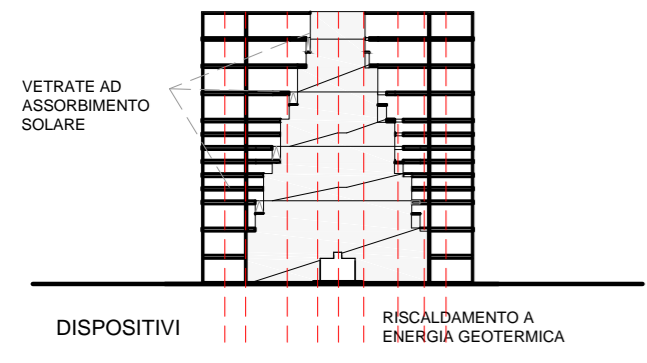
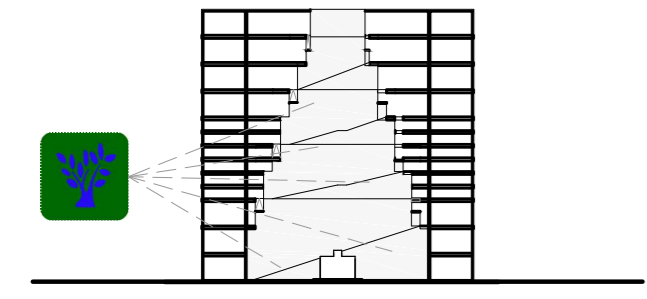
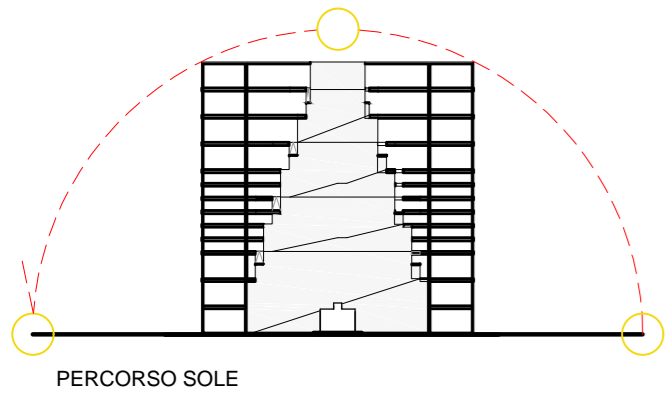


STARTING POINT:
MAIN SERVICES -
KITCHEN AND WC



HOUSING STRATEGY: FLEXIBILITY AND SELFMAD E DESIGN





FUNCTIONAL MIX





YEAR: 2011
LOCATION: Metaurilia, Fano (PU), ITALY
STATUS: Idea (University Design - Score 28/30)
Proff. Arch. Pippo Ciorra \ Ing. Alessandra Marchetti
AIM: Recycling design of a fascist house



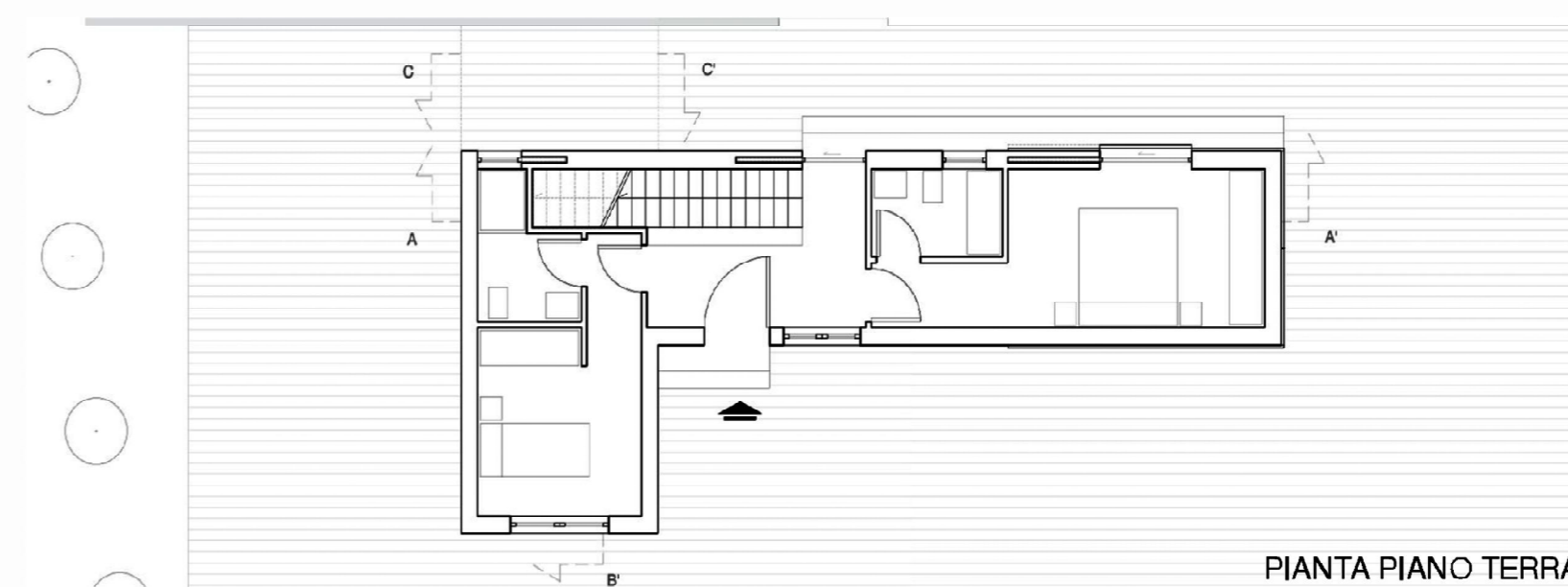
CONCEPT

Aim of the project was the recycling and retraining of an age '20 house through new parasites bodies, which would have created new housing spaces.

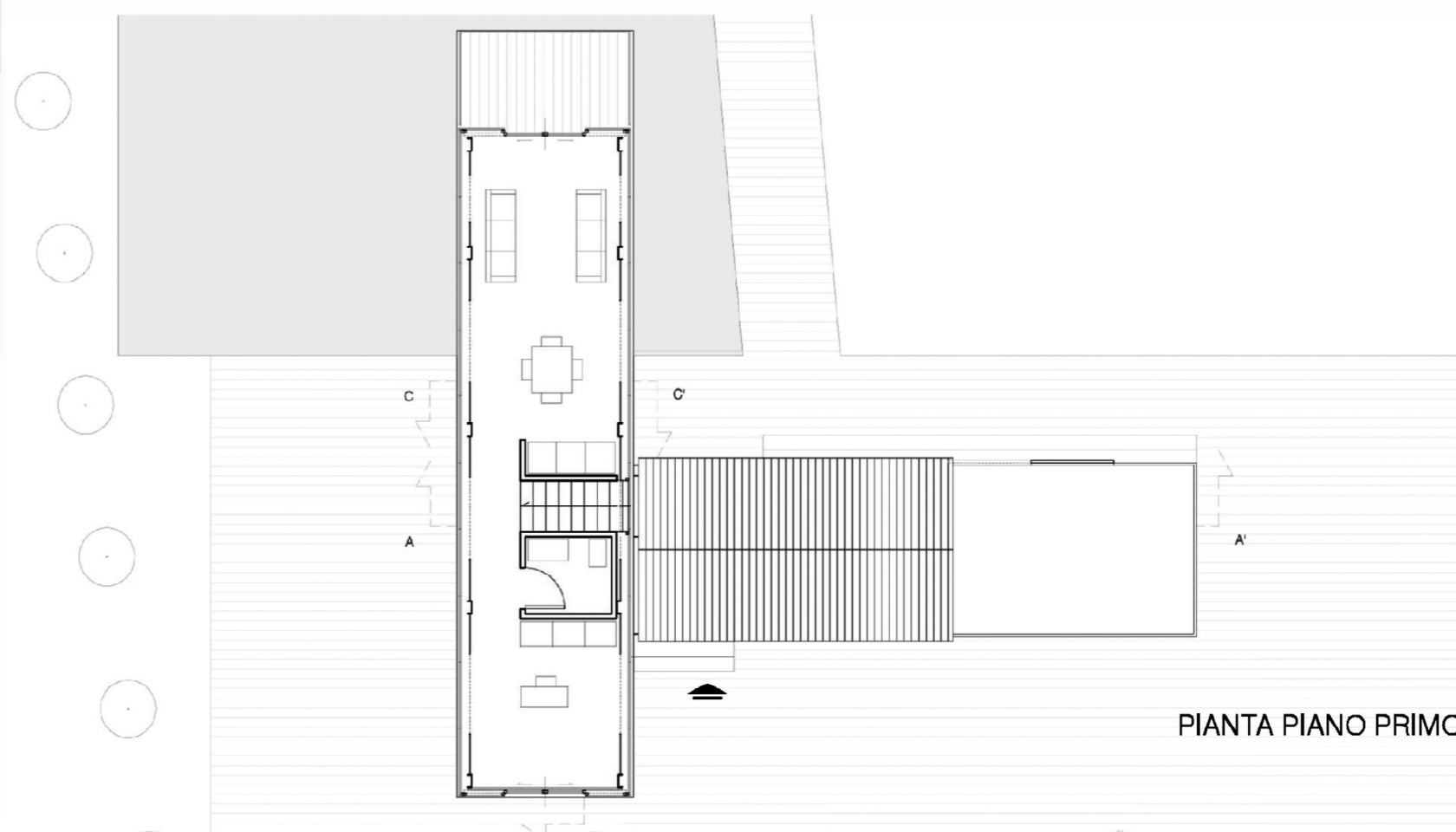
For this reason, above the building was added a 15 meters long arm, anchored to the original by of a reticular structure, which become the new living room of the house. The ground floor, instead, was extended with a second littler body, making so the new sleeping area more roomy and comfortable.

Glass and Steel are the design's materials which used with the original stone, make the design nonpareil and innovative, showing so the high differences among old and new parts of the house.

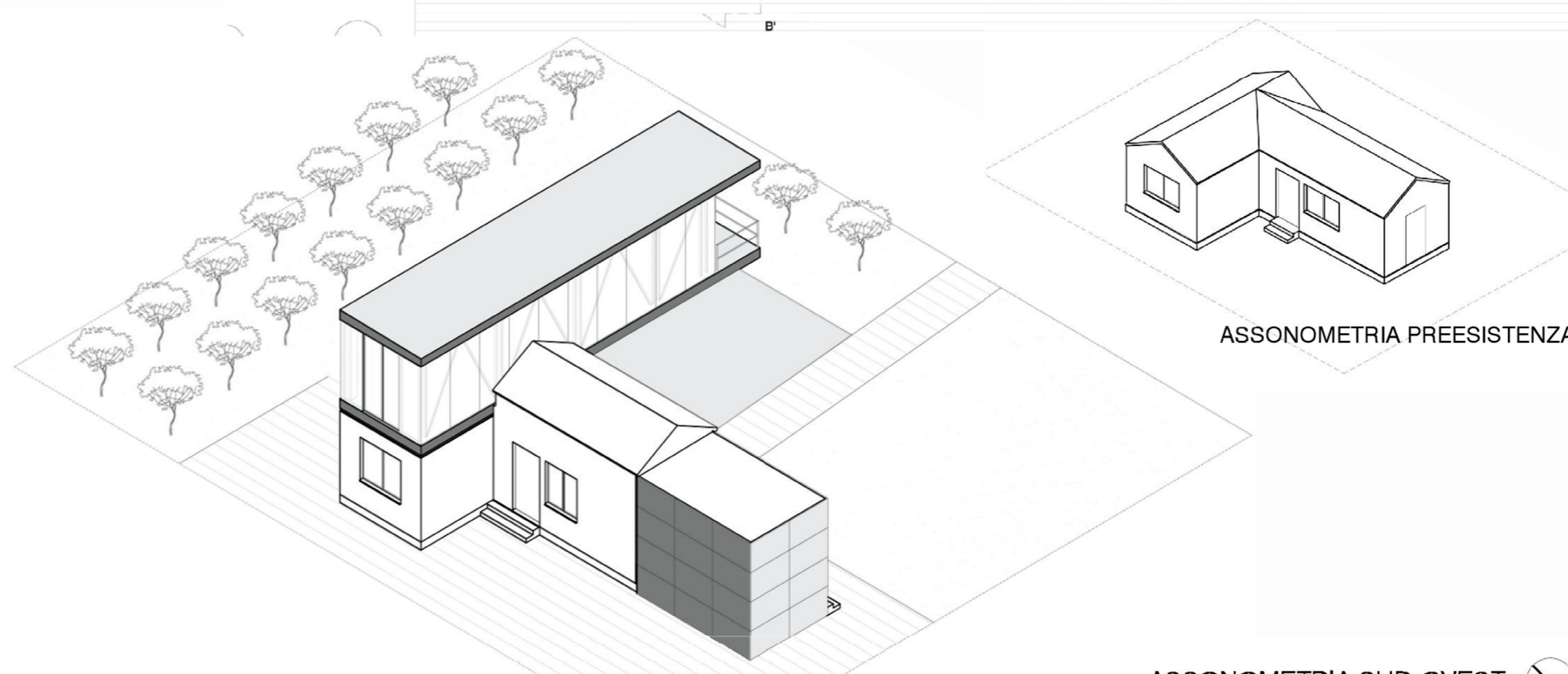
Great attention was focused around the garden, which is the linking element between this high technology design and the landscape of town, featured by nearby of the Adriatic Sea and by plantations which are all around it.



PIANTA PIANO TERRA

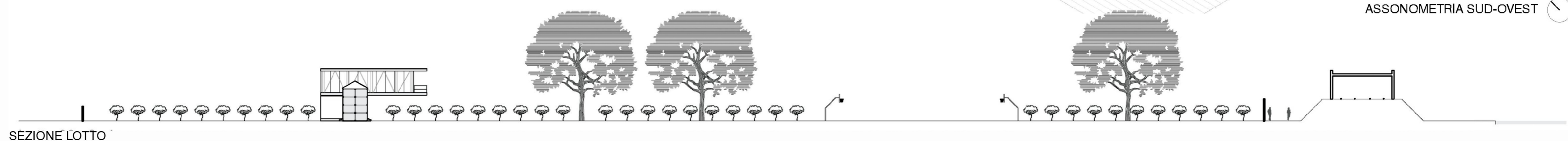


PIANTA PIANO PRIMO

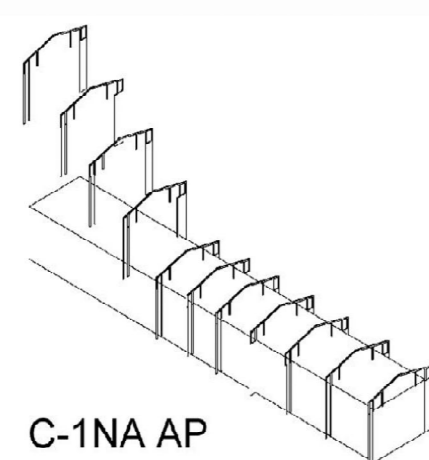


ASSONOMETRIA PREESISTENZA

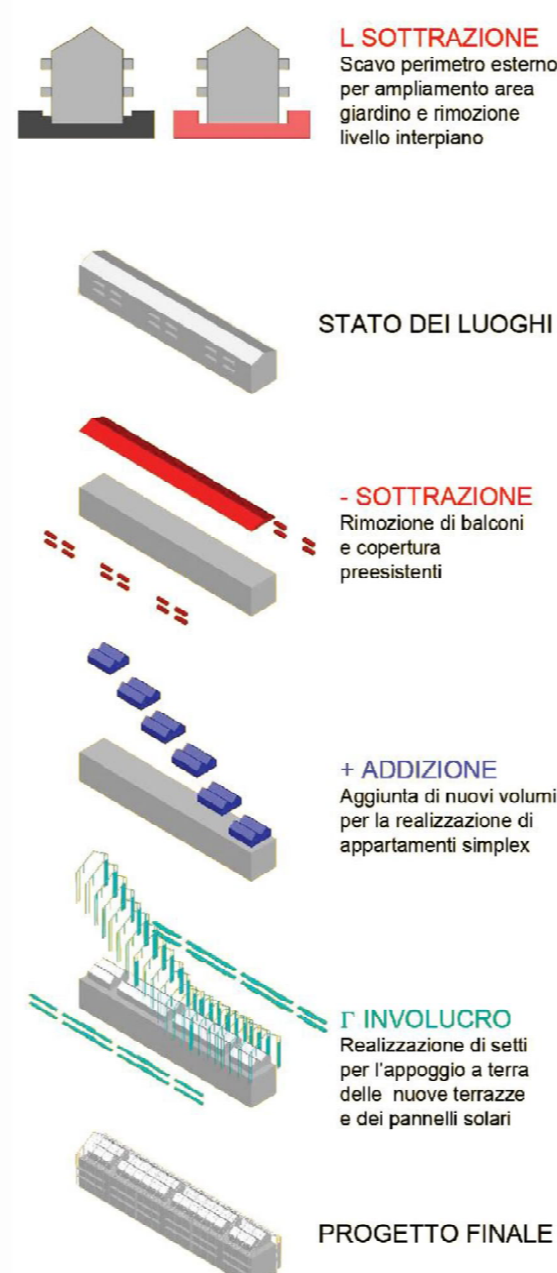
ASSONOMETRIA SUD-OVEST



SEZIONE LOTTO



YEAR: 2012
LOCATION: QuartiereTofare, Ascoli Piceno (AP), ITALY
STATUS: Idea (University Design - Score 27/30)
Proff. Arch. Roberto Ruggiero \ Ing. Giorgio Passerini
AIM: Renewal design of an "INA CASA" Building



EVOLUZIONE PIANTA

Built at the beginning of 70s inside to the plan for popular housing "INA CASA", the building is now in very poor conditions and has troubles as an old structure, maldistribution of internal spaces, the use of old technologies which don't help the power saving.

So, aim of the Design is the renewal of this building, recovering waste spaces and employing new advanced technologies which allow the power saving, making so the building owners' life more comfortable and less expensive.

The module was at the base of the original plan, so it was reused for the present day design,

in fact the same plan for all the apartments of the building was employed.

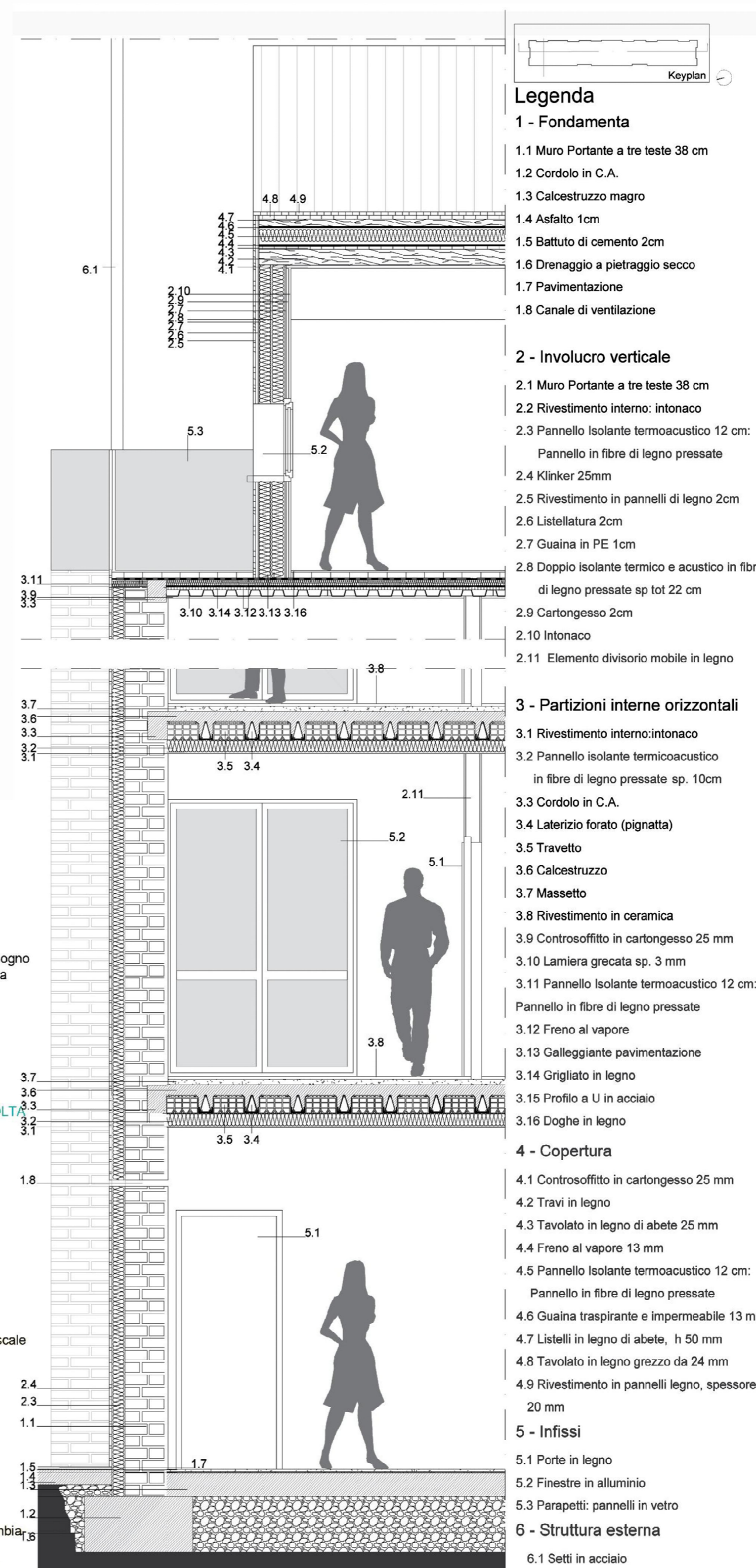
The old Roof which was a huge weight for the structure was removed, making thus a new large terrace above which six new little wooden houses are built.

The old Balconies were removed too, changed with new long wooden galleries, supported by an independed steel structure.

Technologies as Solar thermal collectors, systems of Recycling rainwaters, thermal insulation panels, and solar chimneys are used for power saving.



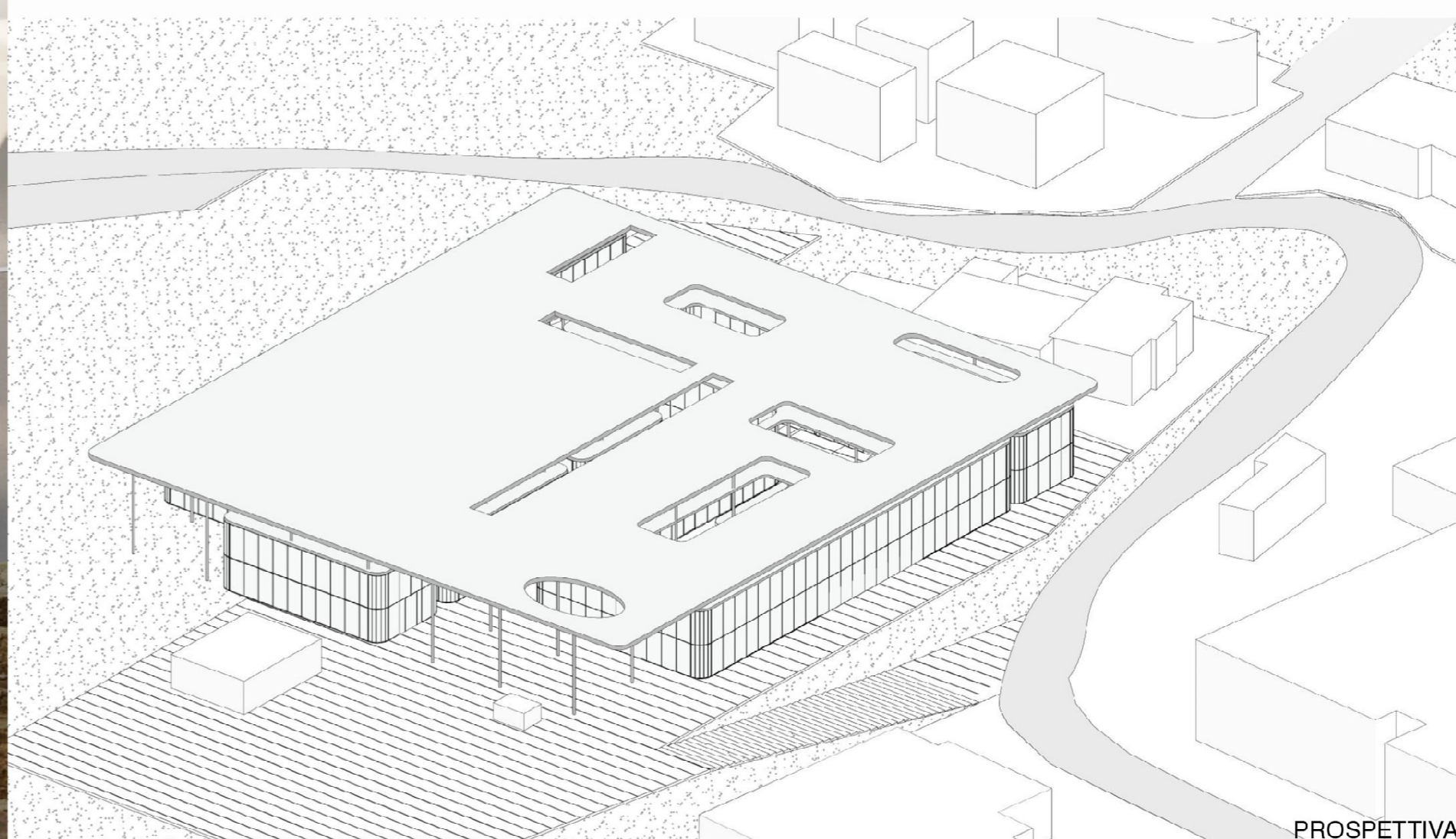
EVOLUZIONE PIANTA



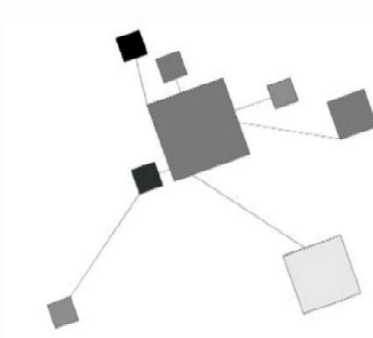
CONCEPT

SEZIONE COSTRUTTIVA LONGITUDINALE

- Legenda**
- 1 - Fondamenta**
- Muro Portante a tre teste 38 cm
 - Cordolo in C.A.
 - Calcestruzzo magro
 - Asfalto 1cm
 - Battuto di cemento 2cm
 - Drenaggio a pietraggio secco
 - Pavimentazione
 - Canale di ventilazione
- 2 - Involucro verticale**
- Muro Portante a tre teste 38 cm
 - Rivestimento interno: intonaco
 - Pannello isolante termoacustico 12 cm: Pannello in fibre di legno pressate
 - Klinker 25mm
 - Rivestimento in pannelli di legno 2cm
 - Listellatura 2cm
 - Guaina in PE 1cm
 - Doppio isolante termico e acustico in fibre di legno pressate sp tot 22 cm
 - Cartongesso 2cm
 - Intonaco
 - Elemento divisorio mobile in legno
- 3 - Partizioni interne orizzontali**
- Rivestimento interno:intonaco
 - Pannello isolante termoacustico in fibre di legno pressate sp. 10cm
 - Cordolo in C.A.
 - Laterizio forato (pignatta)
 - Travetto
 - Calcestruzzo
 - Massetto
 - Rivestimento in ceramica
 - Controsoffitto in cartongesso 25 mm
 - Lamiere grecata sp. 3 mm
 - Pannello isolante termoacustico 12 cm: Pannello in fibre di legno pressate
 - Freno al vapore
 - Galleggianti pavimentazione
 - Grigliato in legno
 - Profilo a U in acciaio
 - Doghe in legno
- 4 - Copertura**
- Controsoffitto in cartongesso 25 mm
 - Travi in legno
 - Tavolato in legno di abete 25 mm
 - Freno al vapore 13 mm
 - Pannello isolante termoacustico 12 cm: Pannello in fibre di legno pressate
 - Guaina trasparente e impermeabile 13 mm
 - Listelli in legno di abete, h 50 mm
 - Tavolato in legno grezzo da 24 mm
 - Rivestimento in pannelli legno, spessore 20 mm
- 5 - Infissi**
- Porte in legno
 - Finestre in alluminio
 - Parapetti: pannelli in vetro
- 6 - Struttura esterna**
- Setti in acciaio



PROSPETTIVA



TR Cultural Centre

YEAR: 2013

LOCATION: Tortoreto (TE), ITALY

STATUS: Idea (University Design - Score 28/30)
Proff. Arch. Marco D'Annunziis \ Arch. Monica Rossi

AIM: Recovering of a Roman Domus

The Design is born inside to a higher urban requalification project of those neutral spaces, named as "Urban Empty Spaces", which are present into Tortoreto Village.

It is developed into an Archaeological area, left in a semi-neglected state at the present time.

Inside to this area part of ruins of a Roman Domus are present and are covered with a corrugated steel nowadays.

So, the main aim of the design is recovering the site, making a multifunctional pole with double purpose: attracting people with services unavailable in Tortoreto at the present time, but preserving the ruins in a good state.

For this reason, the Design consists in the realization of a Multifunctional Centre which offers services of Library, Pizzeria/Café, Museum, Multi-Purpose Room and, outside, a huge public park.

Each one of these services is not available in Tortoreto at the moment.

So, the Cultural Centre will be composed by a series of bubbles (or capsules) in glass, with steel structure, and inside to each one of them a previously mentioned service will be provided.

The main bubble contains the ruins of the Domus, those visible at the present time.

A large roof covers them, creating a single common environment.

Moreover, the pavement is the same used for the outside Park: In this manner the Park remains the main element, the plane on which bubbles and coverage rest, so they acquire, at this point, a secondary, temporary feature: they are as objects put on the floor in a second time and, therefore, easily removable (resulting so not invasive for the archaeological area).

ROMAN RUINS



HOOKING



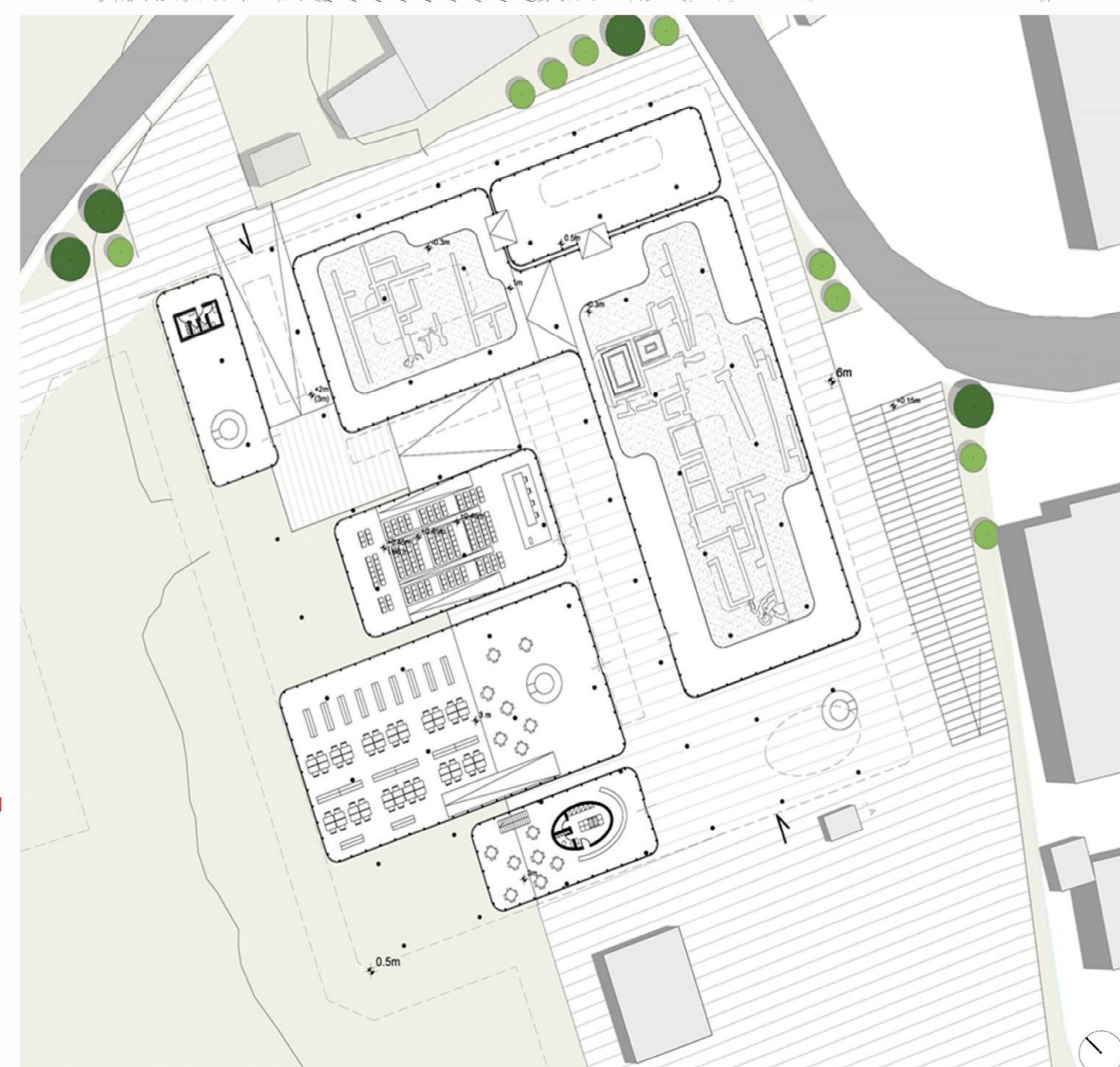
ADDING



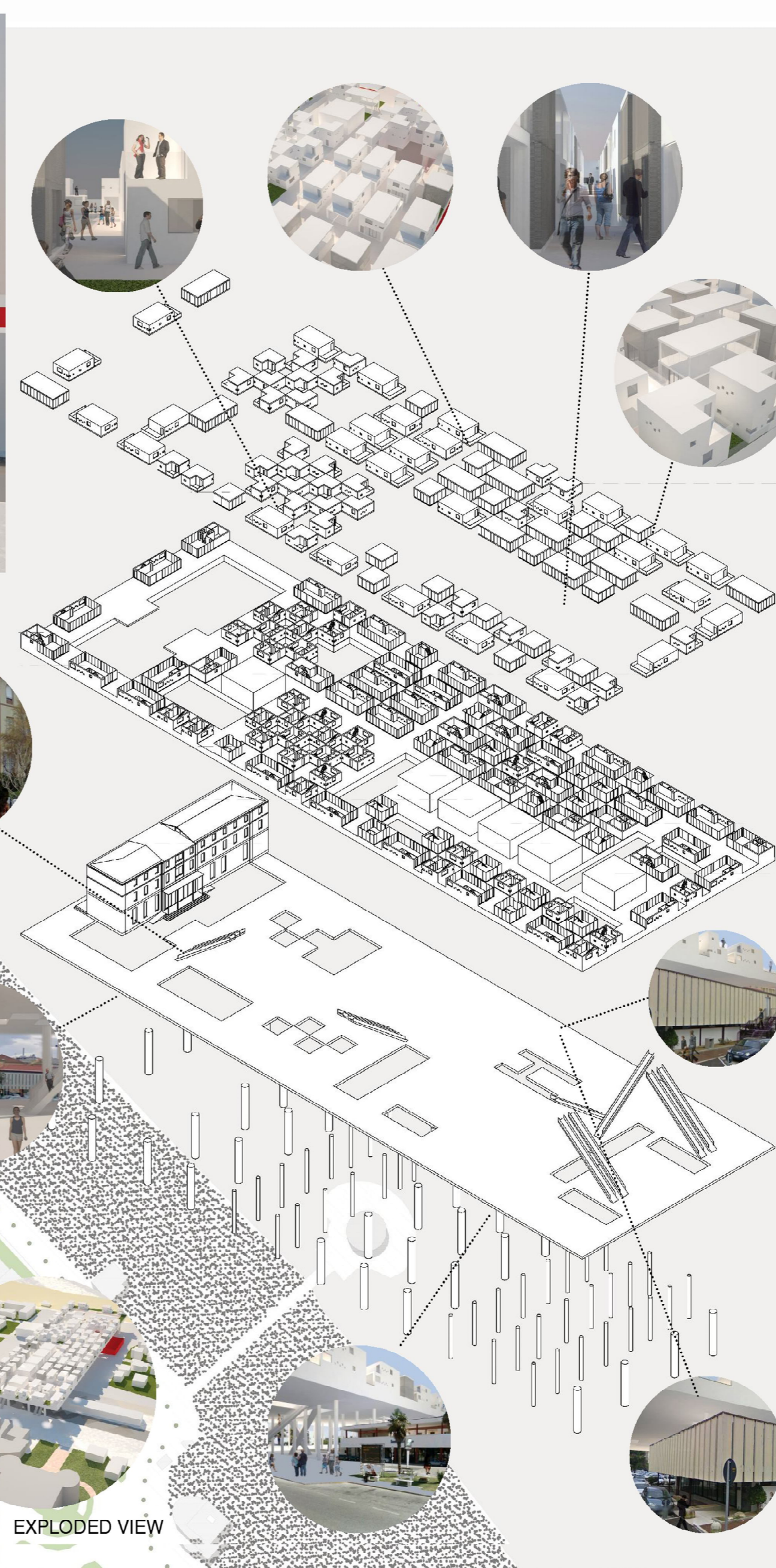
COVERING



CONCEPT



SEZIONI



Nowadays, the urban centre of Senigallia is divided in two parts, the ancient part and the "Hotel Marche area", by the railroads.

The ancient part, with the Castle and his foro Annoario, is the richest and most important part of the city, and a lot of people walk across it each day.

On the other hand, the "Hotel Marche area" is sited nearby to the beach and people used to attend this area during summer season only, leaving it desolated for the other months of the year.

For these reasons, there is a huge gap between the two parts of the city.

Aim of the design is the renewal of the "Hotel Marche area" and linking it with the ancient part.

So, a 16m tall and 300m long bridge wants to link these neighbourhoods and, as the "Superstudio's Monumento Continuo", to delete the gaps which now are between them.

It'll be a real city upon the city, which will offer housing and services to the Senigallia's inhabitants, hosting hundreds of people all day, all the year and being a reference point for the city.

The old building of the Hotel Marche sited on the area will be recycled and will be a museum dedicated to the contemporary Marche region's art and to the Superstudio's works.

YEAR: 2012

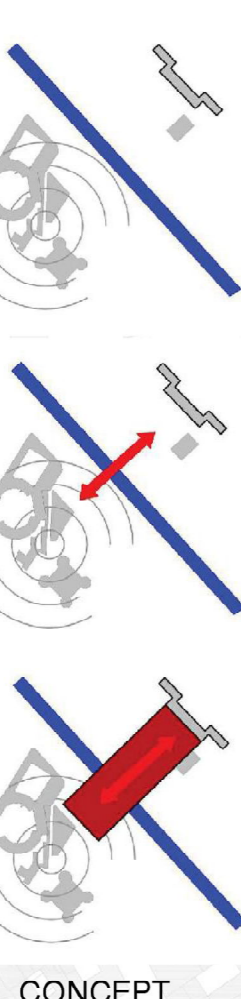
LOCATION: Senigallia (AN), ITALY

STATUS: Idea (University Design - Score 30/30)
Proff. Arch. Emanuele Marcotullio \ Arch. Anna Ciotta

AIM: Renewal of Senigallia's Urban Centre

"MONUMENTO CONTINUO" (SUPERSTUDIO) TRIBUTE

SENIGALLIA
THE CITY UPON THE CITY



CONCEPT

SITE PLAN

EXPLODED VIEW

SEZIONE URBANA