

THE THREE LEVELS OF ECOLOGY: IMAGINING AND DESIGNING ECOLOGICALLY

**IURC-China Thematic Webinar: Green and Sustainable Buildings
IURC-China**

Arch. VALERIO MORABITO
Adjunct Professore at the University of Pennsylvania, Professor at the Università Mediterranea

A Dancing Pavilion in Chengdu
A landscape exoskeleton for an old pavilion

**First level of Ecology:
IDEAS**

**Second level of Ecology:
DESIGN**

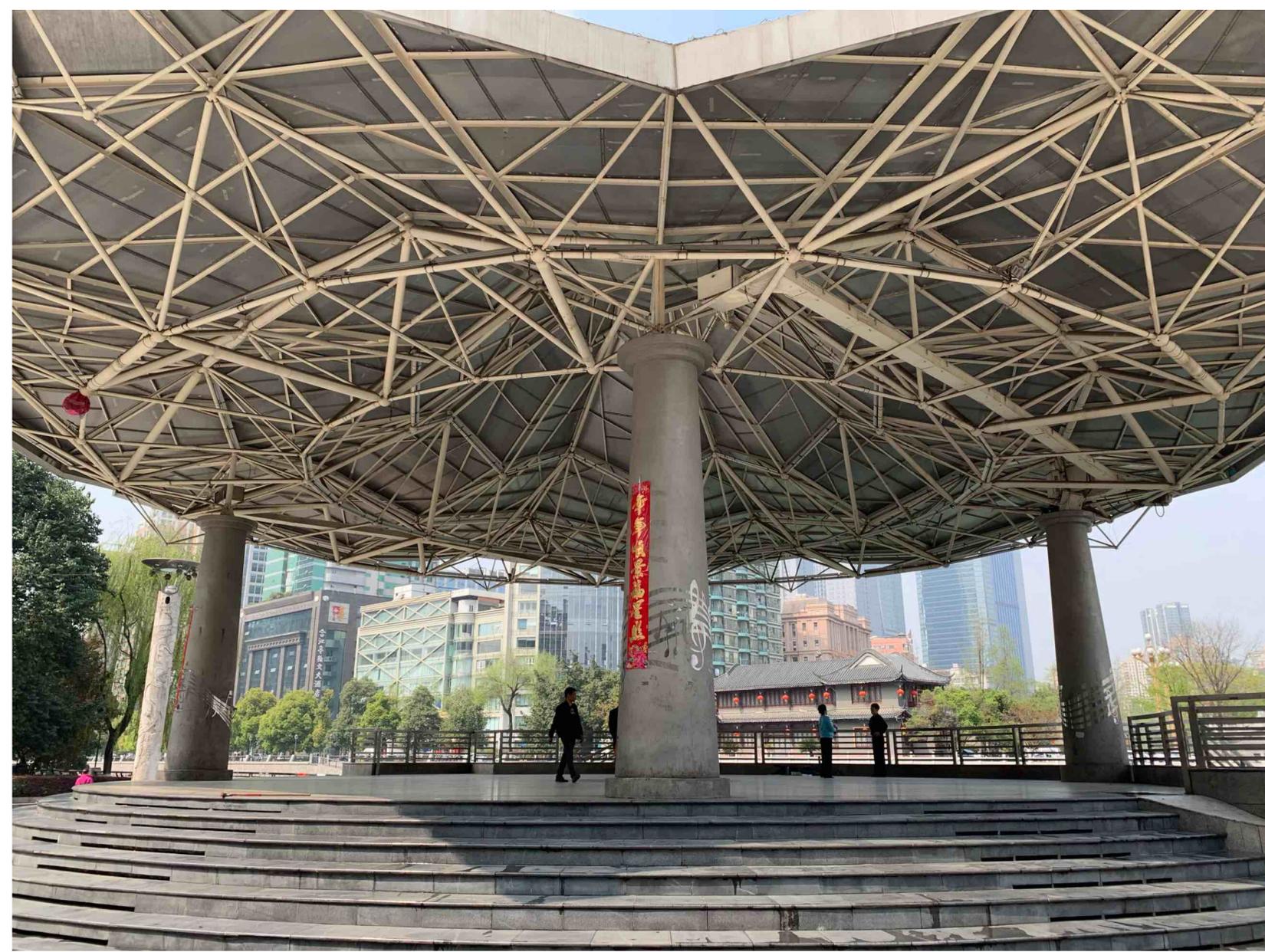
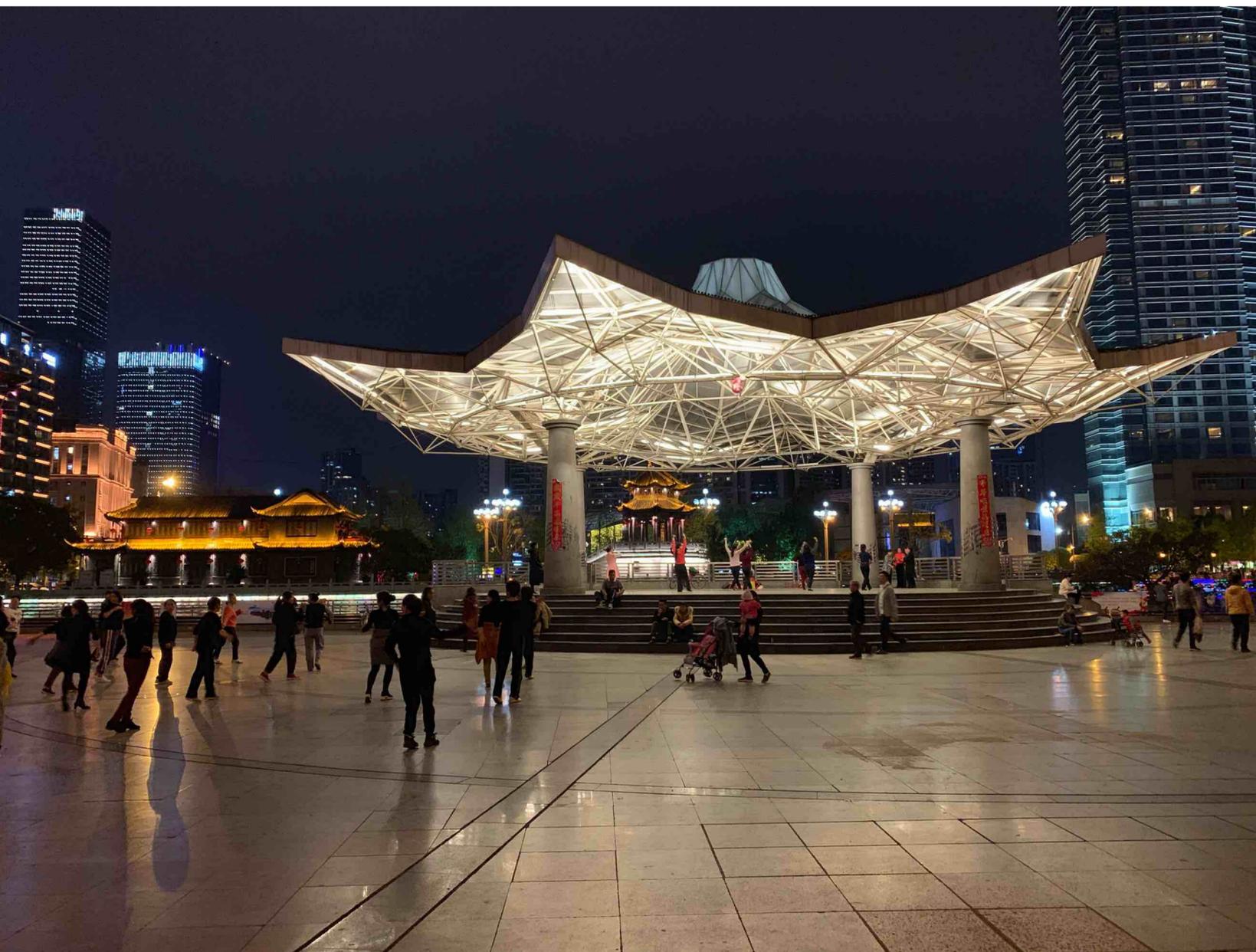
**Third level of Ecology:
DETAILS**

First level of Ecology:
IDEAS

RE-USE AN EXISTING PAVILION - CHENGDU

**First level of Ecology:
IDEAS**

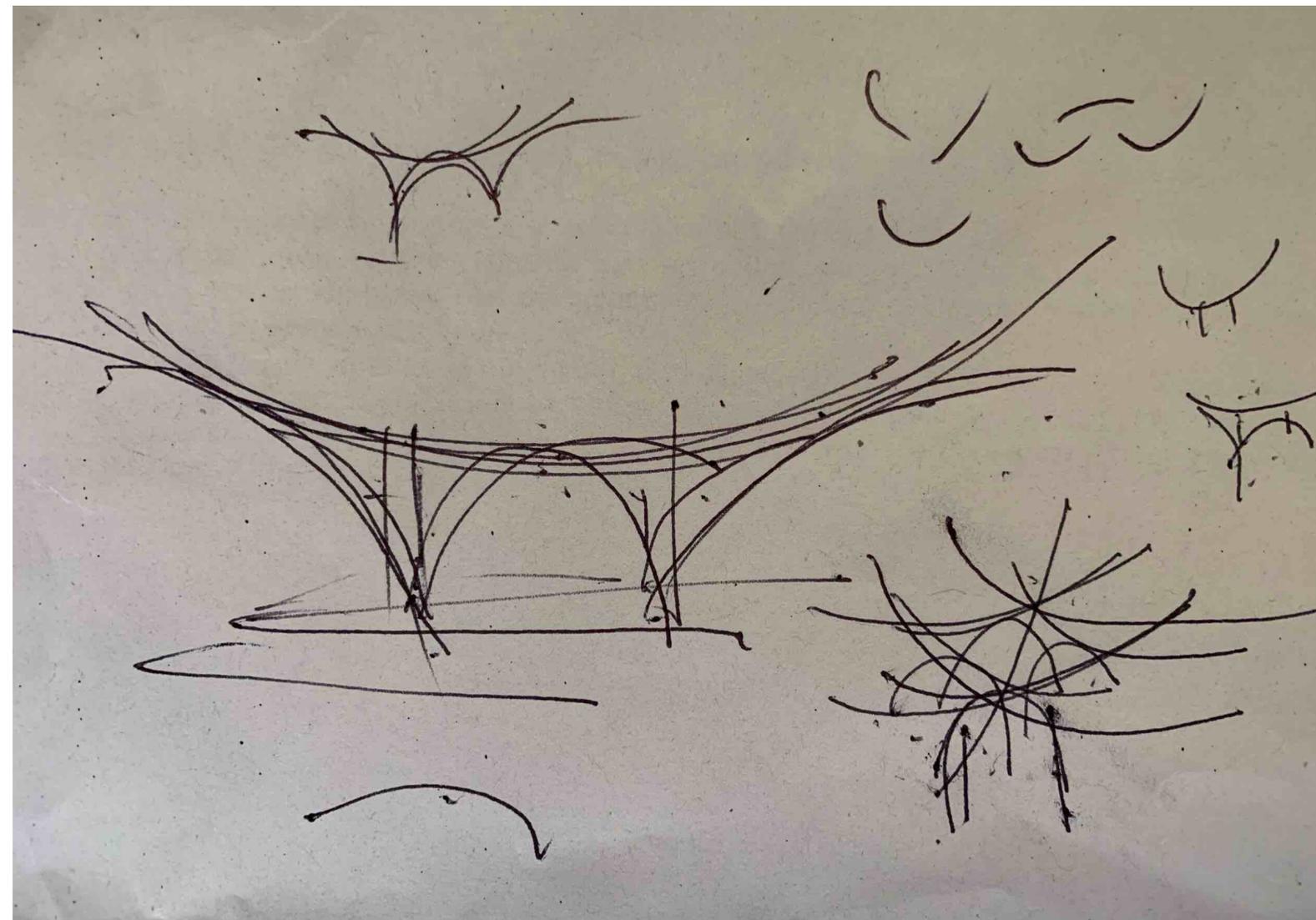
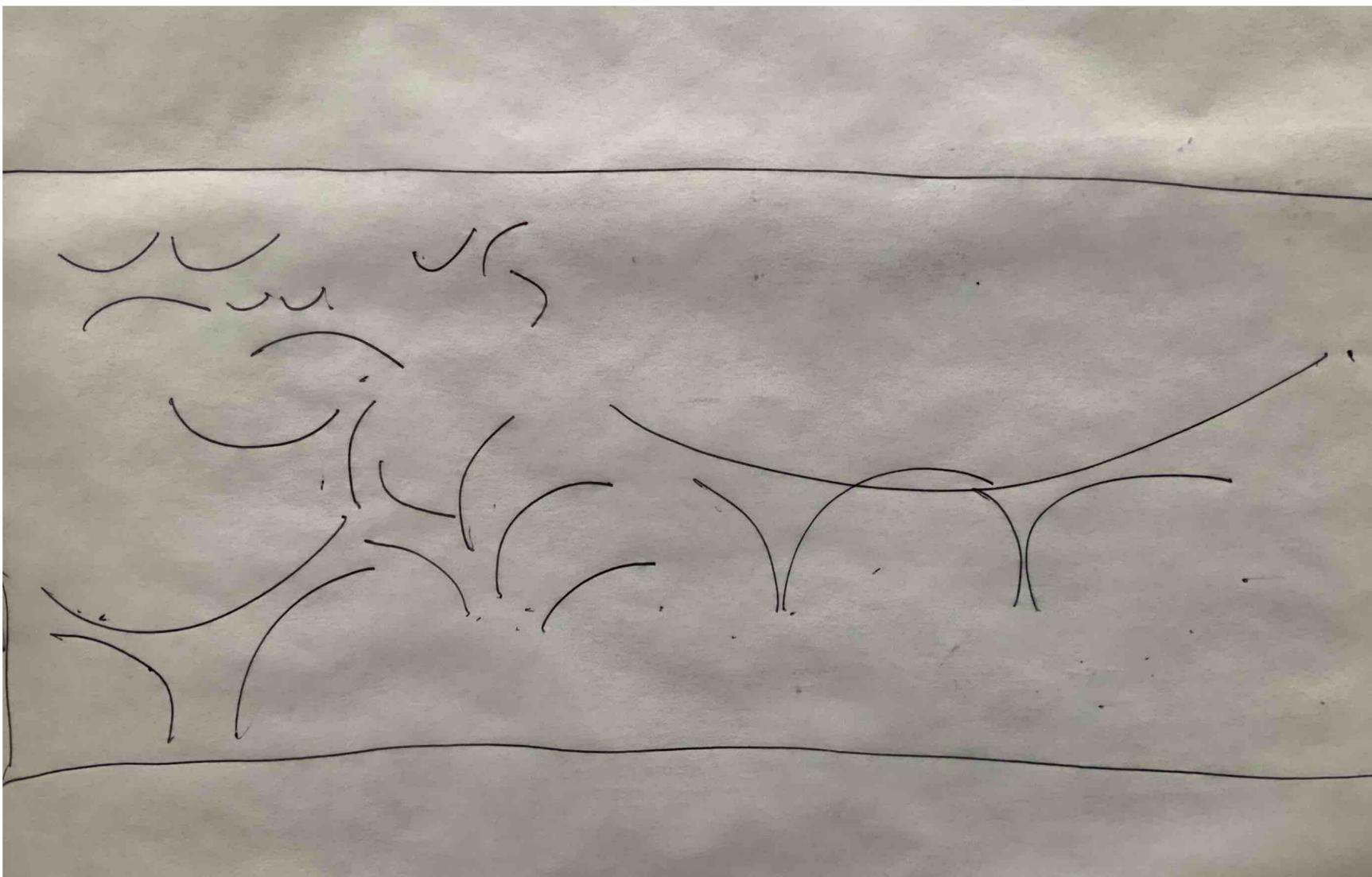
A DANCING PAVILION



The existing pavilion



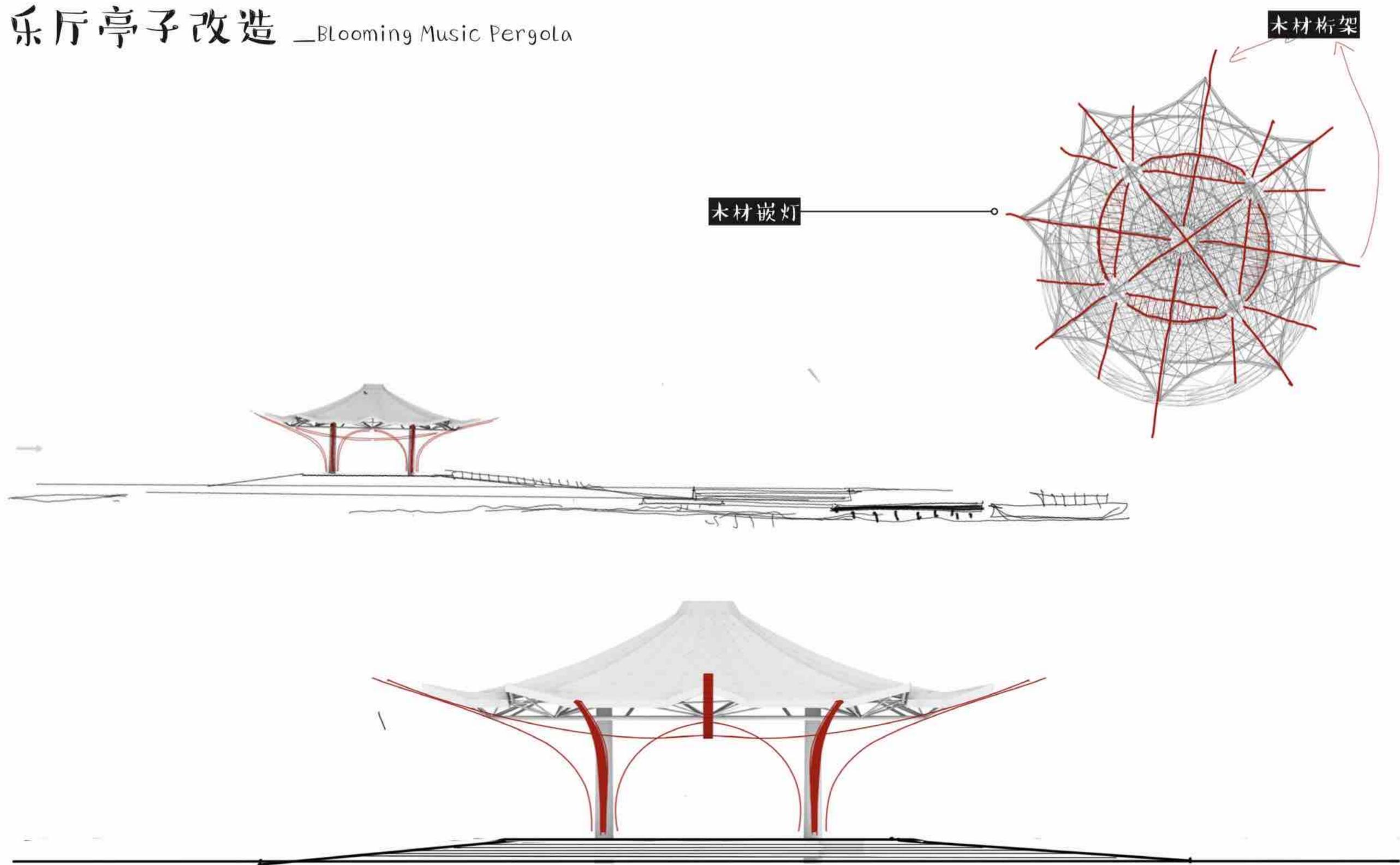
A Dancing Pavilion



Second level of Ecology:
DESIGN

THE INVENTION OF AN EXOSKELETON

音乐厅亭子改造 — Blooming Music Pergola



木材嵌灯

木材桁架

音乐厅亭子改造 — Blooming Music Pergola



Locally Sourced Wood

改造立面



改造透视







Third level of Ecology:
DETAILS

USING CORTEN STEEL FOR DETAILS





Gardens Villa Museum - China

First level of Ecology:
IDEAS

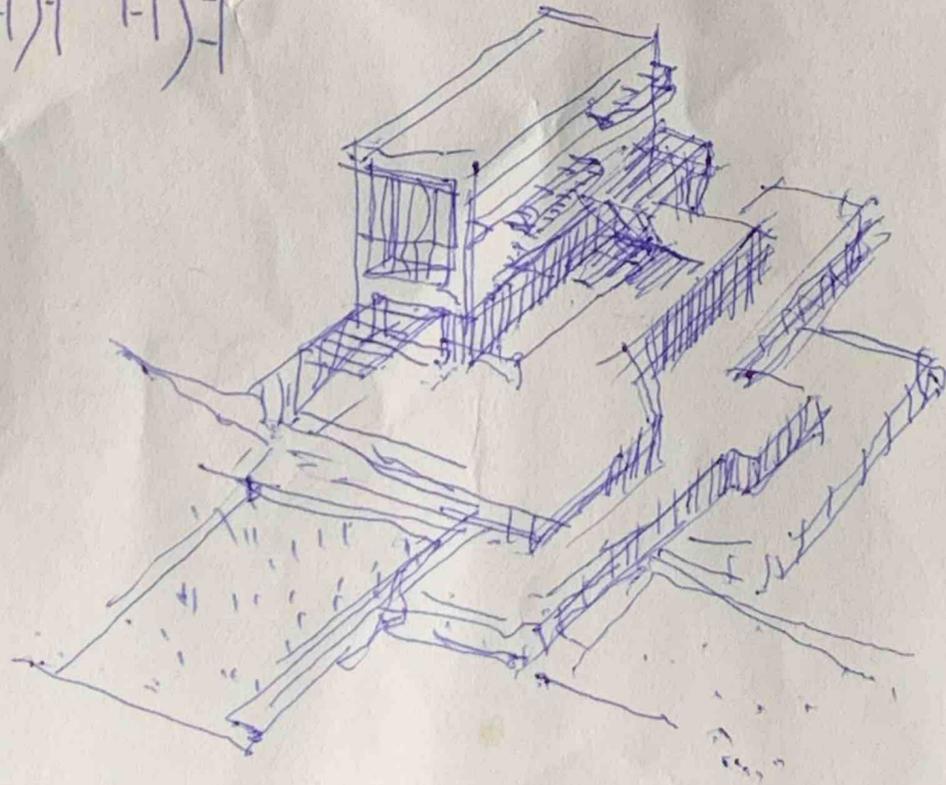
COLLECTING GARDENS

I INTERCONTINENTAL.
CHENGDU GLOBAL CENTER
成都环球中心天堂洲际®大饭店

谢谢 = 朋

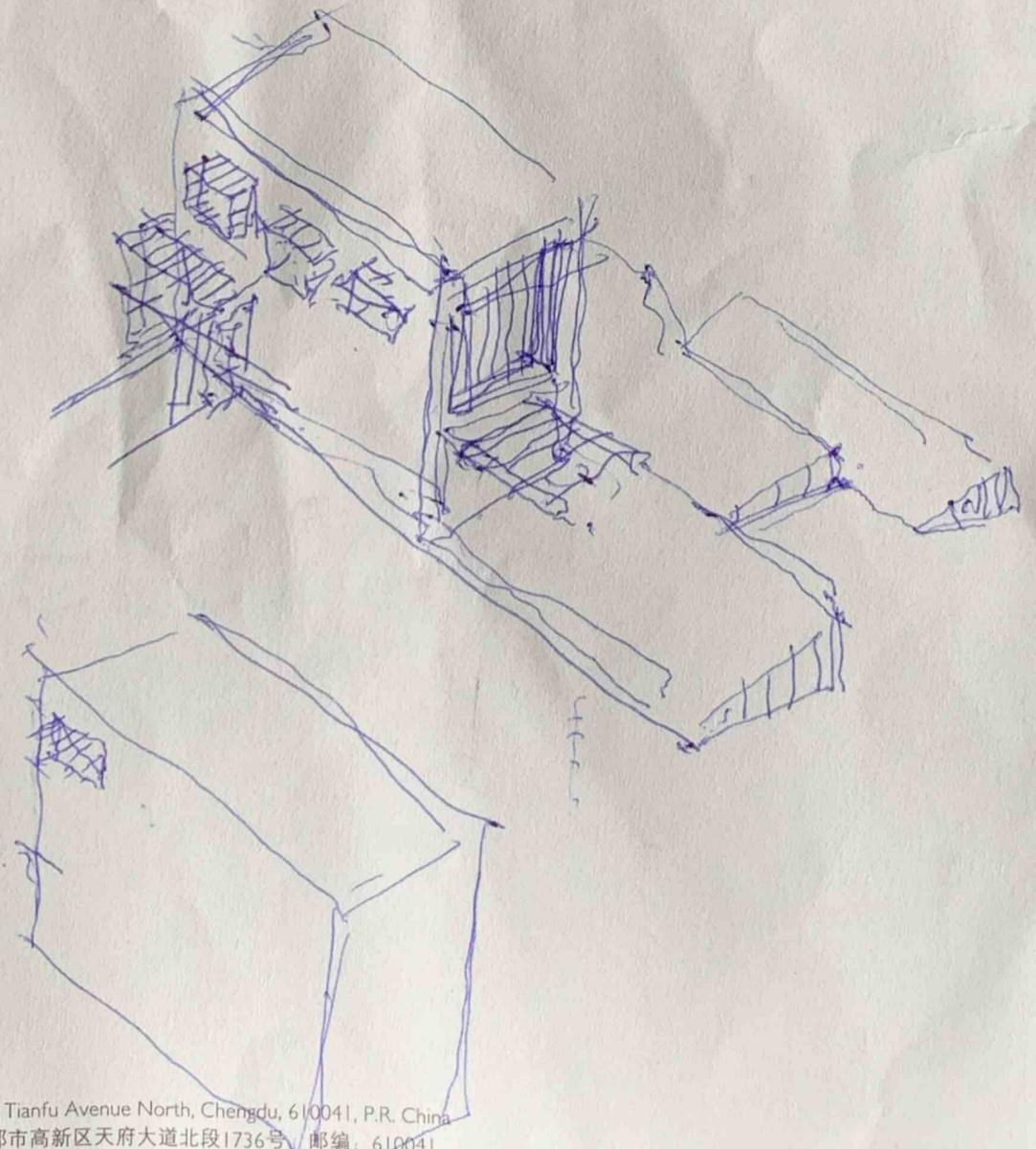
谢谢谢谢

明明

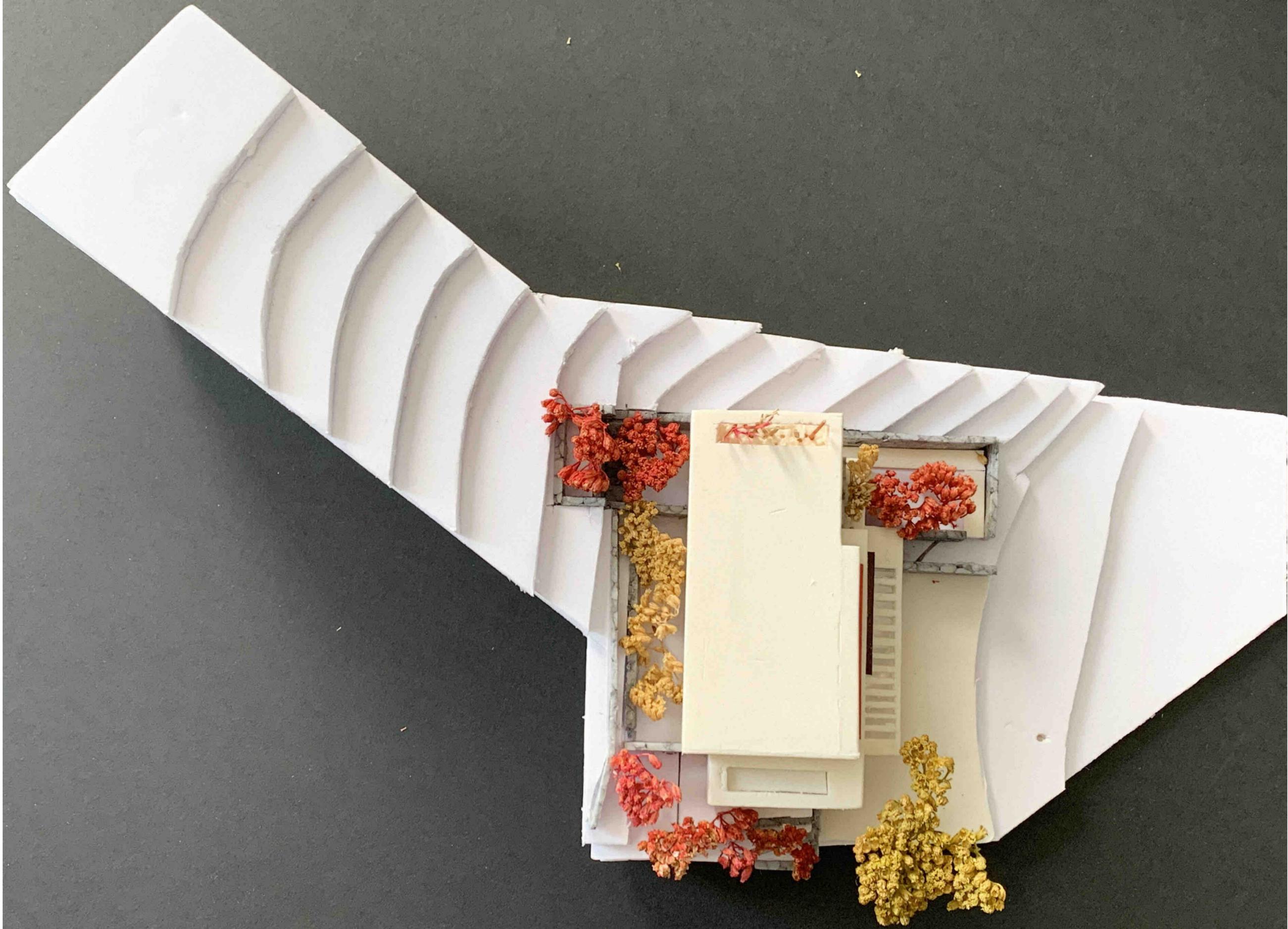


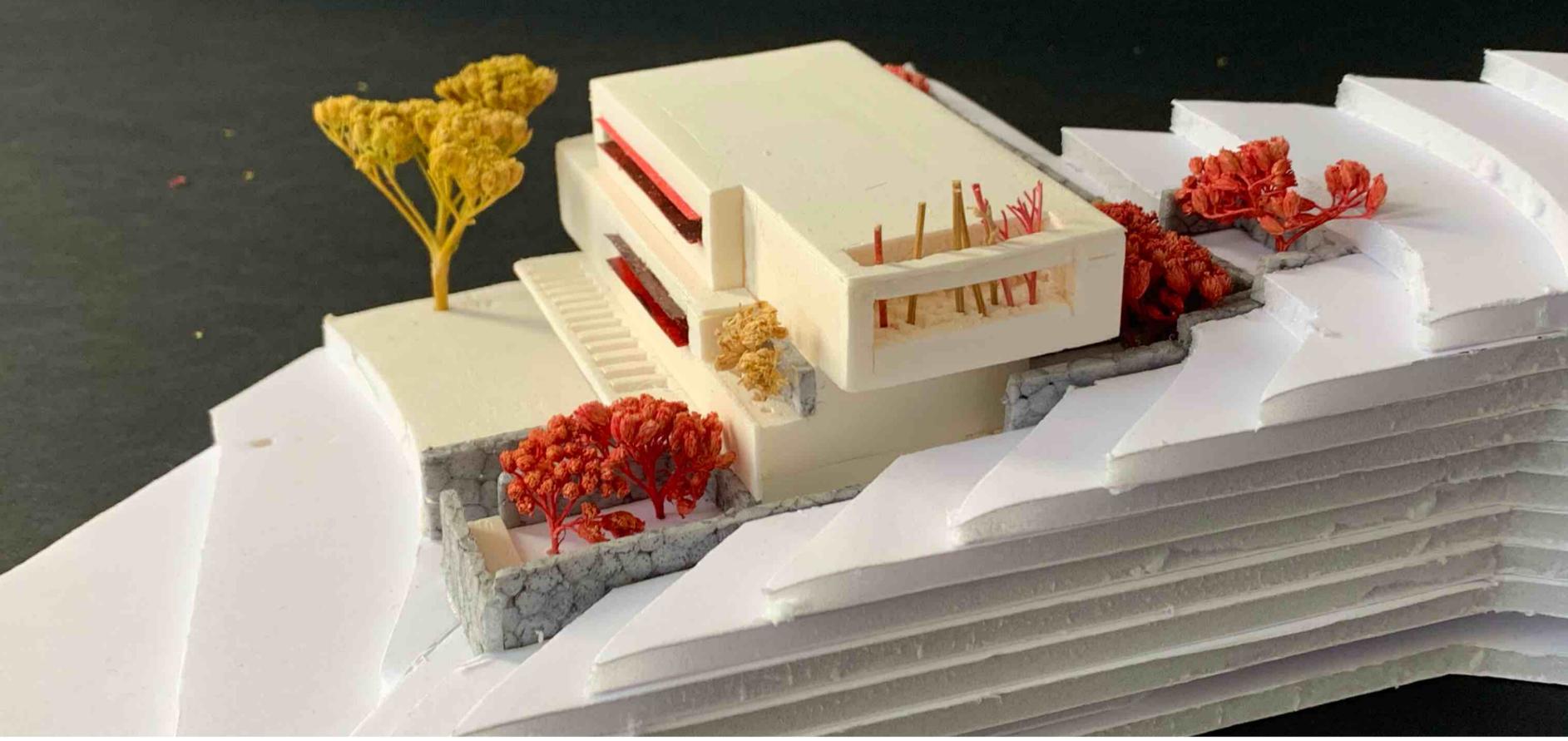
No.1736 Tianfu Avenue North, Chengdu, 610041, P.R. China
中国成都市高新区天府大道北段1736号 邮编: 610041
Tel 电话: +86 28 6275 8888 Fax 传真: +86 28 6275 9999 rsvn.icgc@hg-etghotels.com www.intercontinental.com

I INTERCONTINENTAL.
CHENGDU GLOBAL CENTER
成都环球中心天堂洲际®大饭店



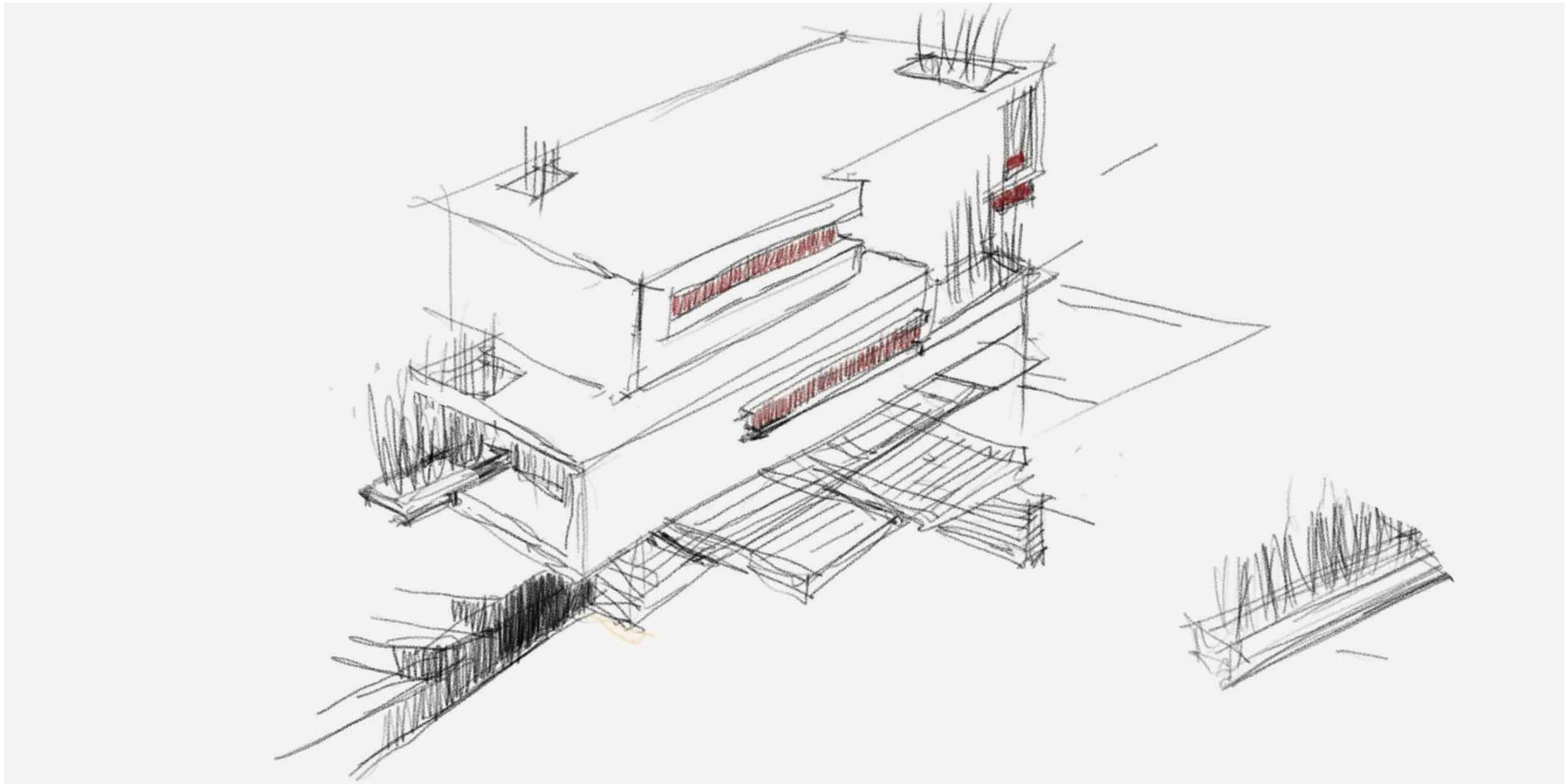
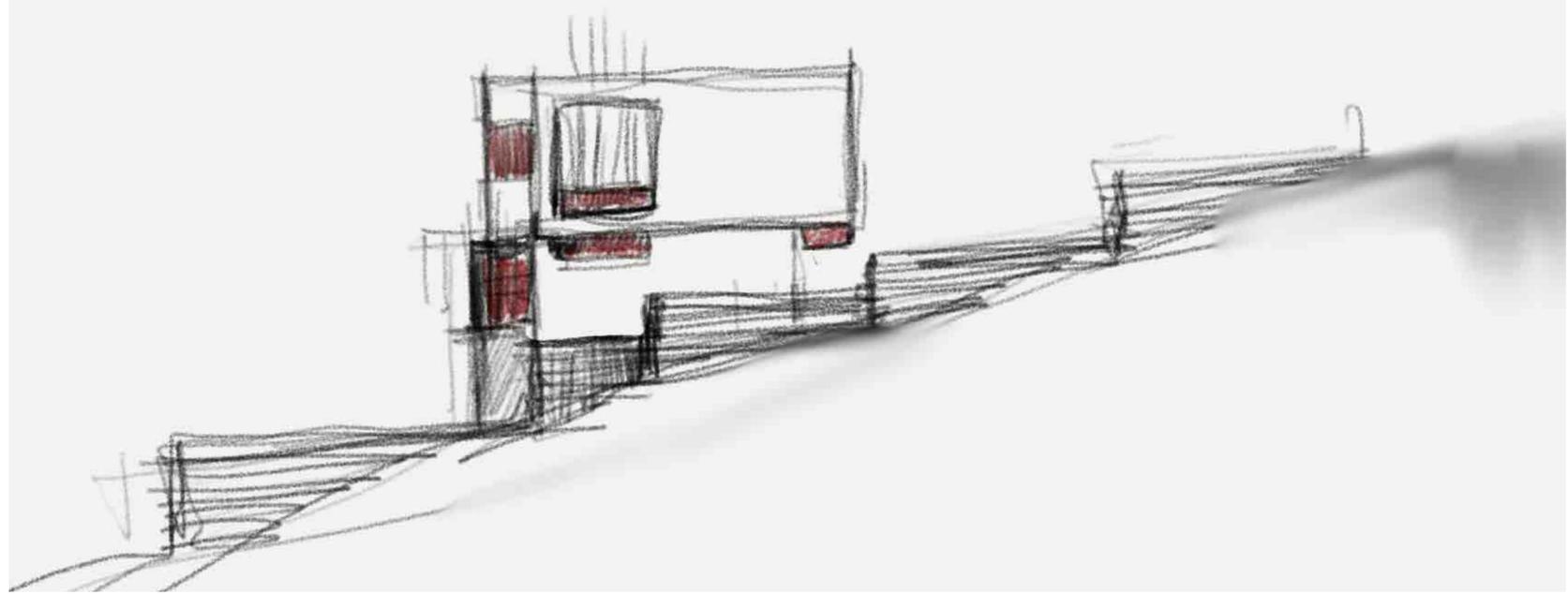
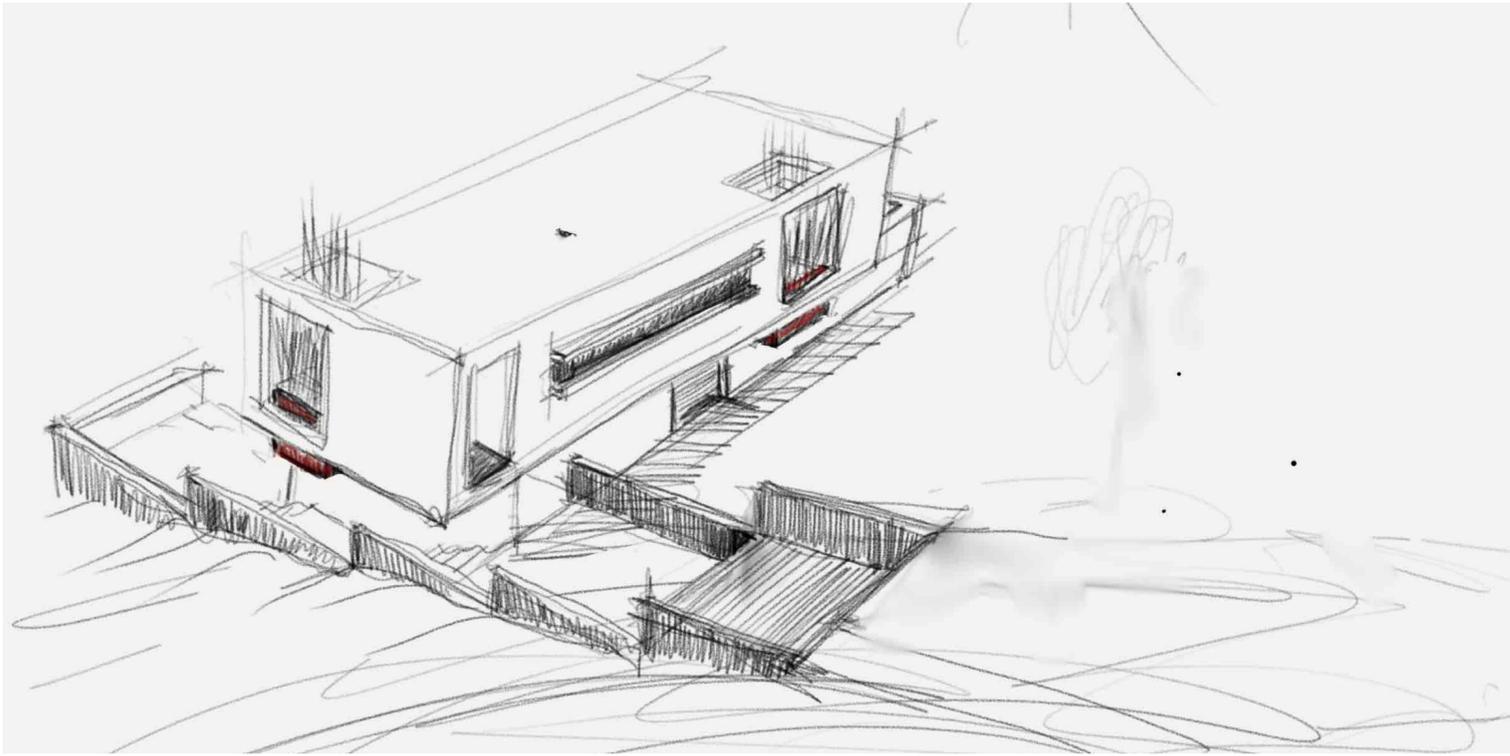
No.1736 Tianfu Avenue North, Chengdu, 610041, P.R. China
中国成都市高新区天府大道北段1736号 邮编: 610041
Tel 电话: +86 28 6275 8888 Fax 传真: +86 28 6275 9999 rsvn.icgc@hg-etghotels.com www.intercontinental.com





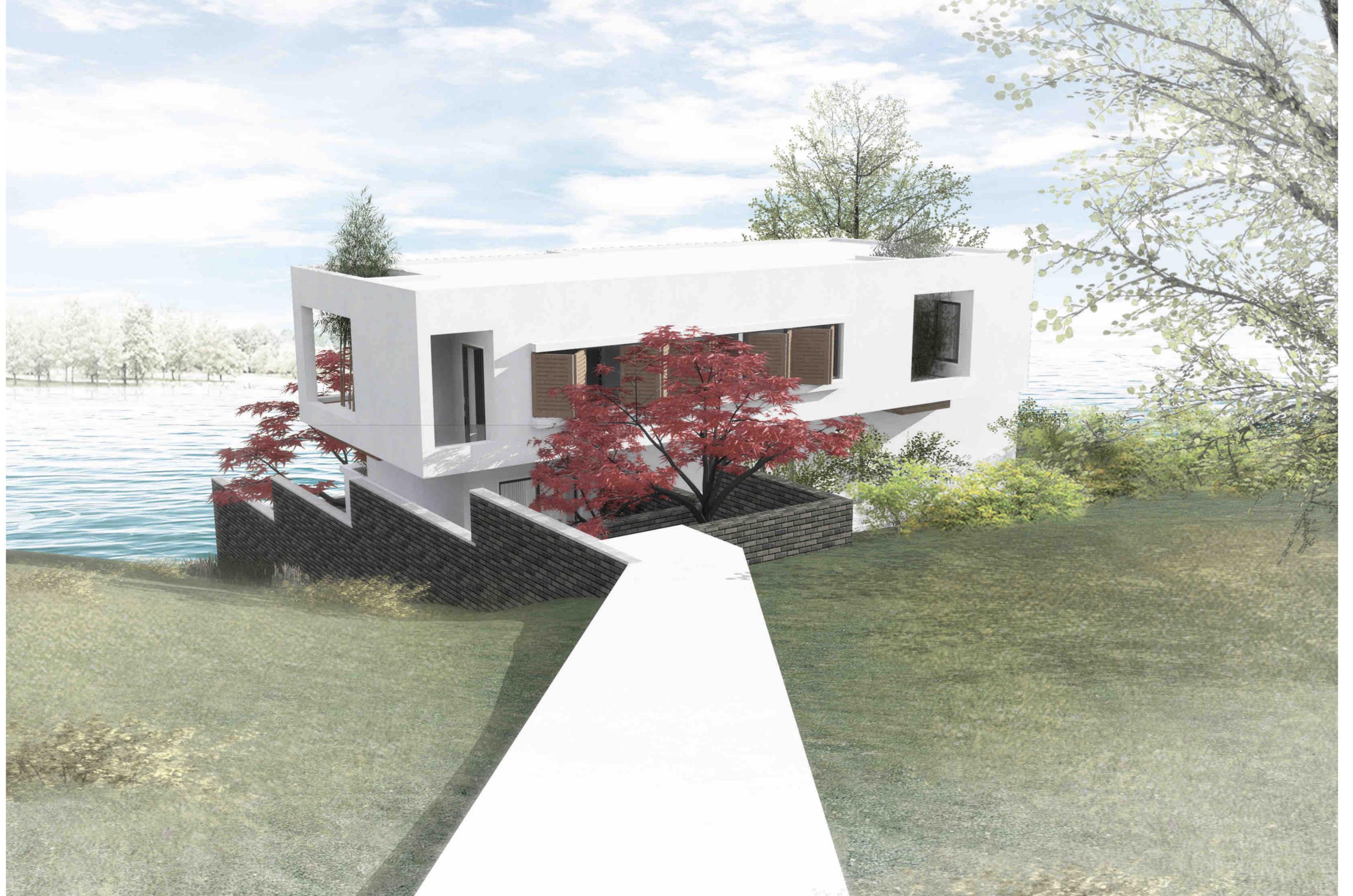
Second level of Ecology:
DESIGN

THE INVENTION OF GARDENS' SPACES



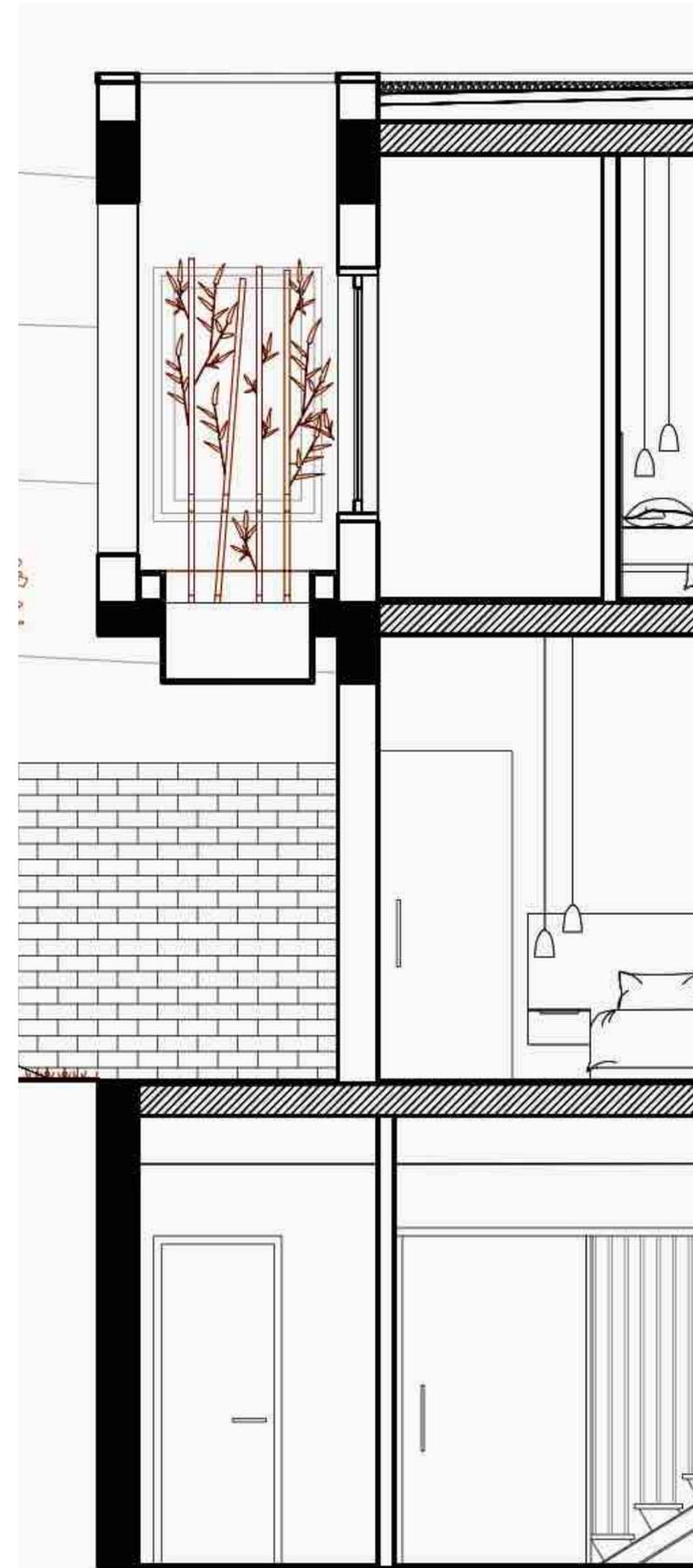
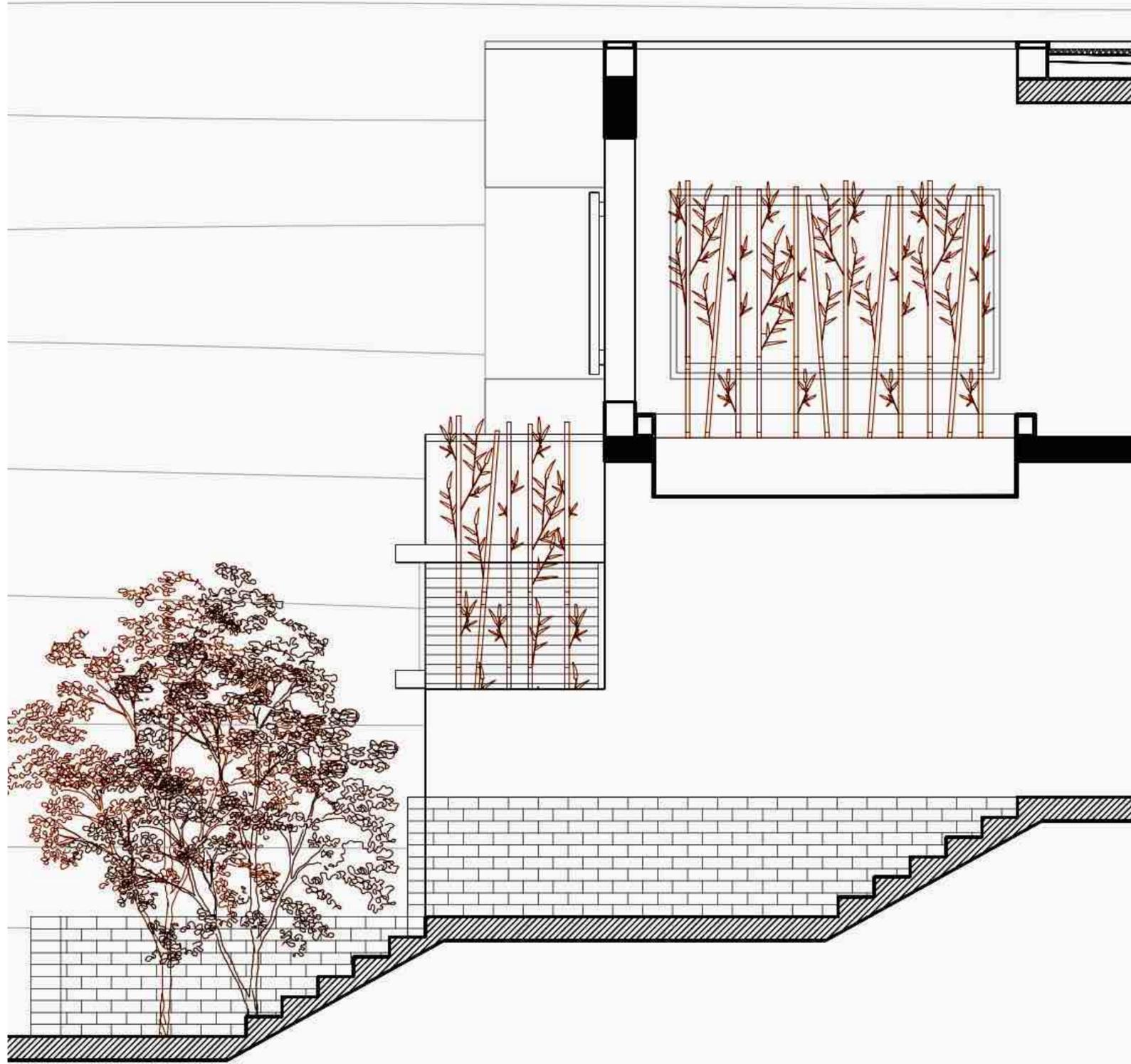






Third level of Ecology:
DETAILS

DESIGNING POTS FOR GARDENS

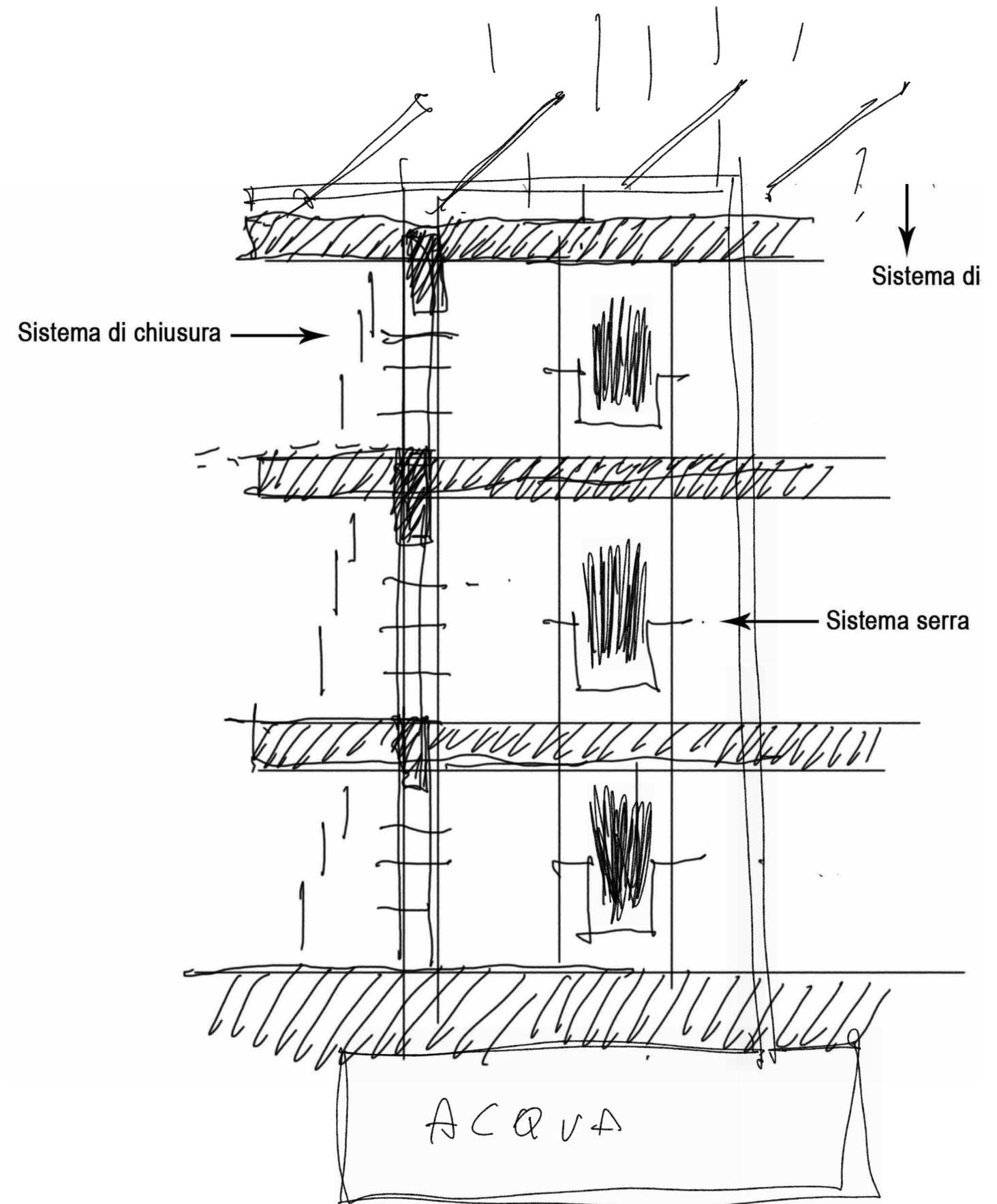
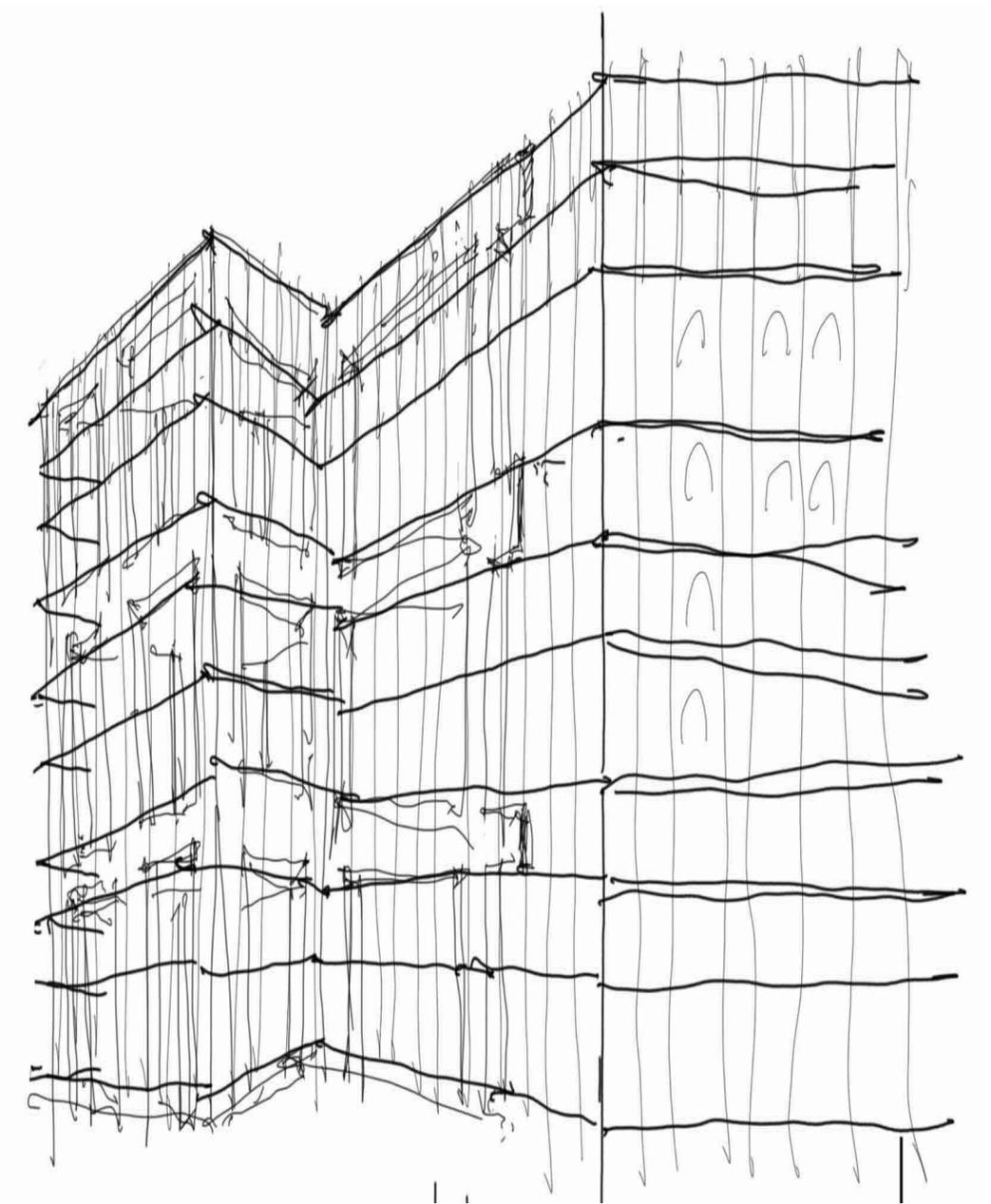


**PATENT FOR A NEW ENVELOPE FOR
VERTICAL FARMS RECYCLING UNFINISHED
CONCRETE BUILDINGS**

First level of Ecology:
IDEAS

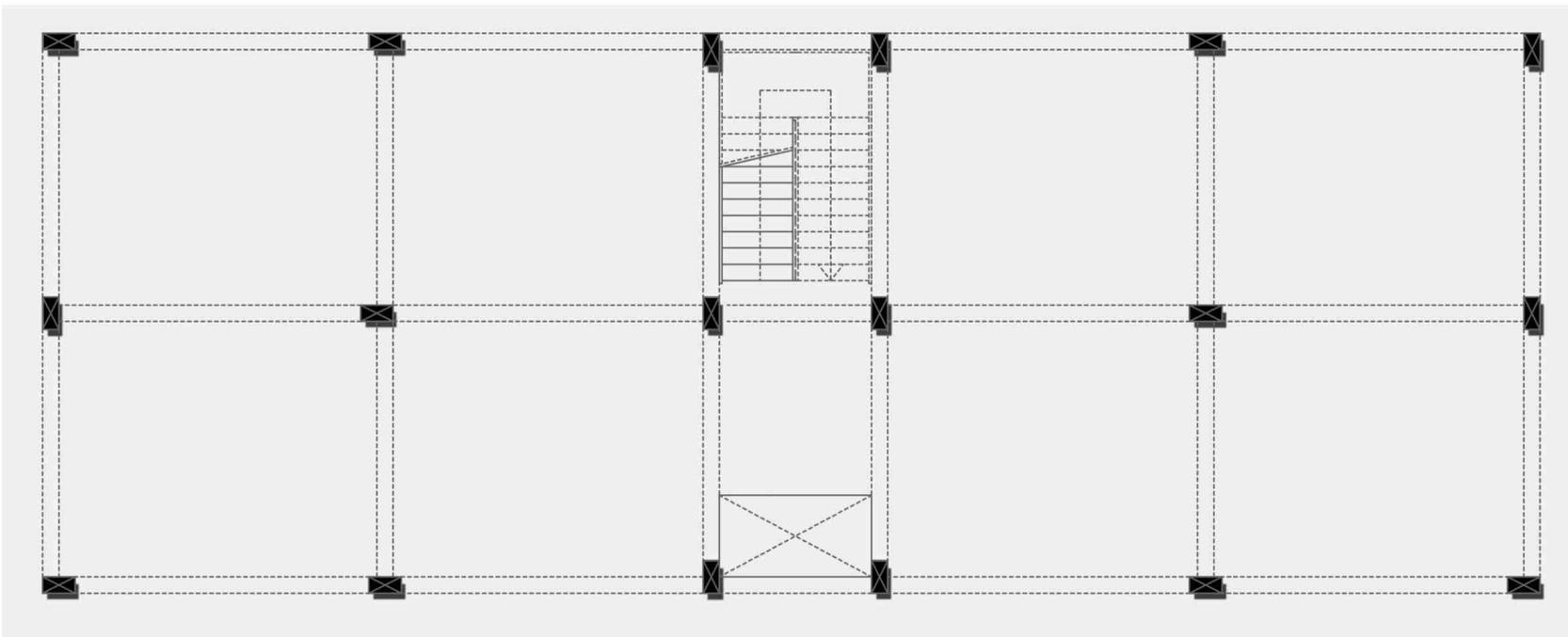
**RECYCLING UNFINISHED
CONCRETE BUILDINGS**



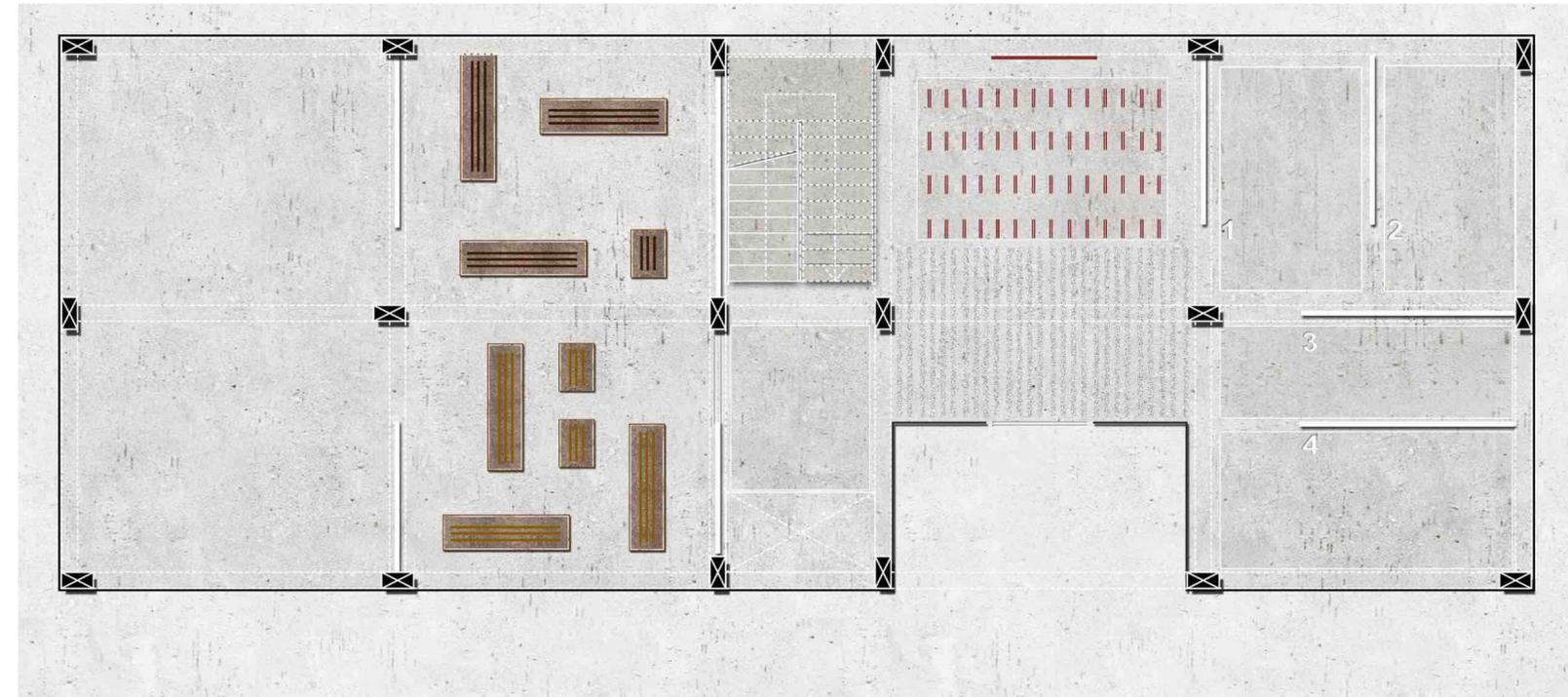


Second level of Ecology:
DESIGN

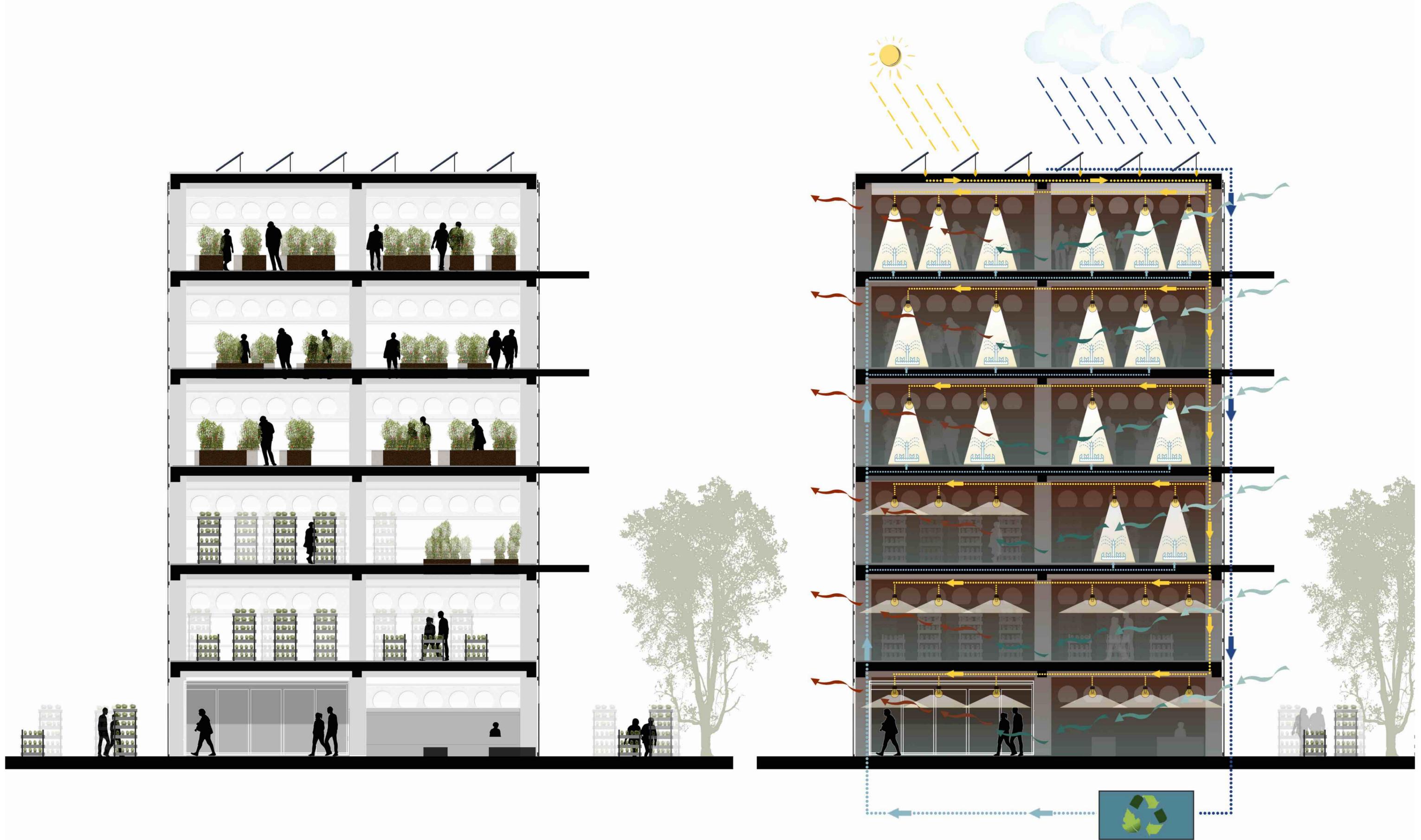
THE ORGANIZATION OF INTERIOR SPACES



Existing unfinished concrete building



Vertical farm organization

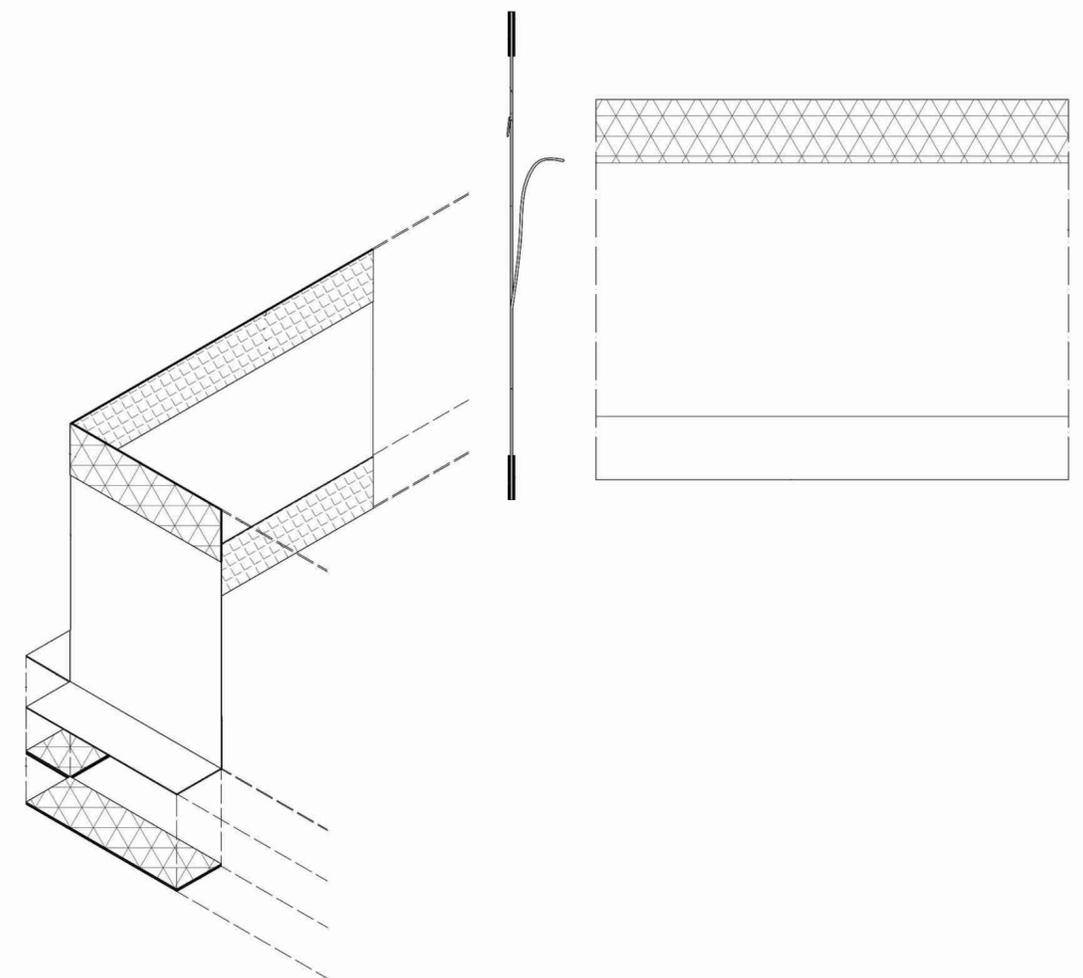
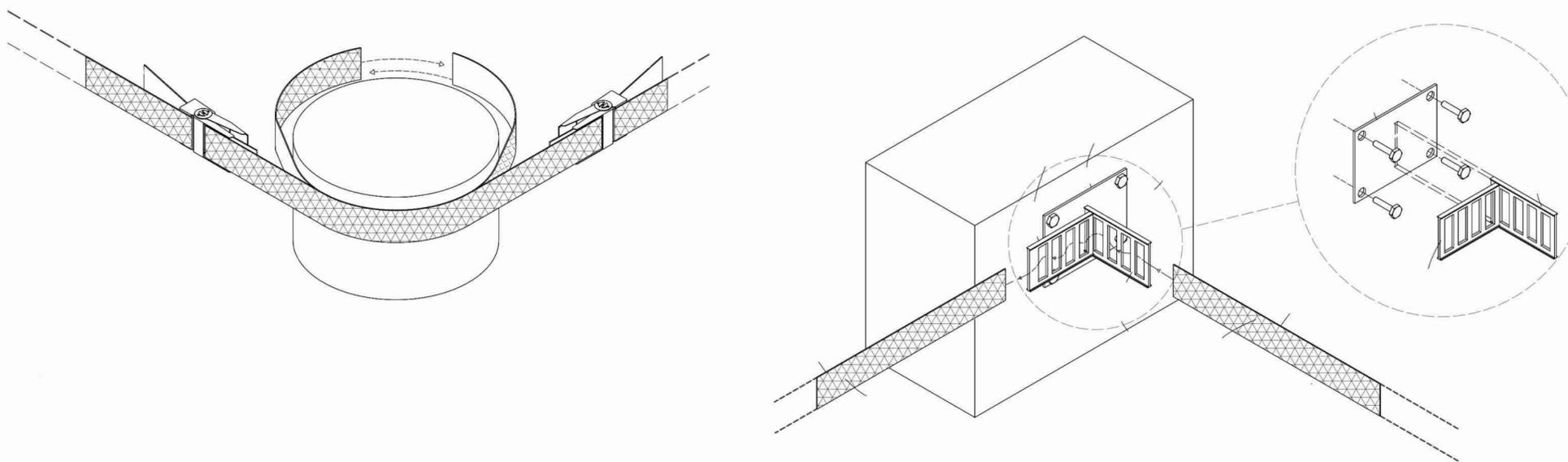
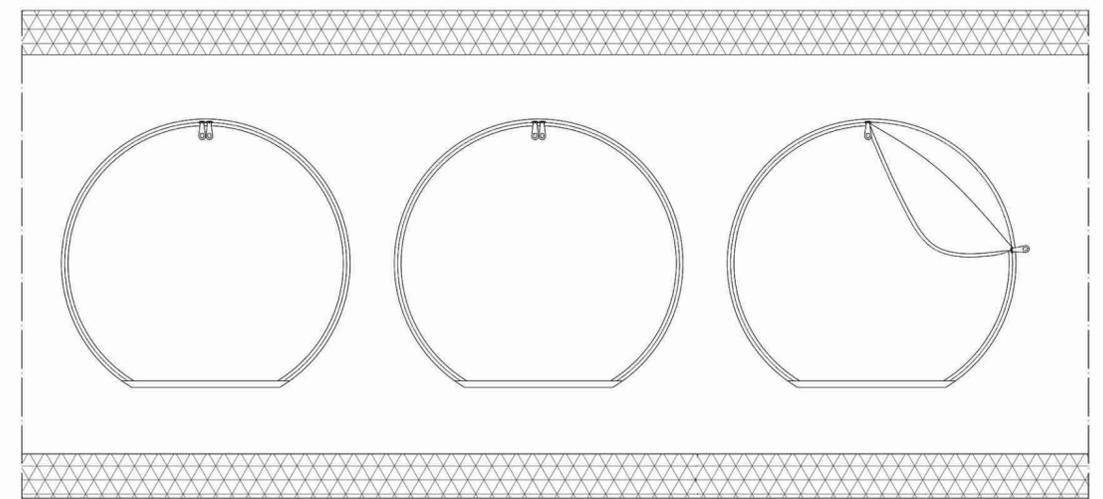
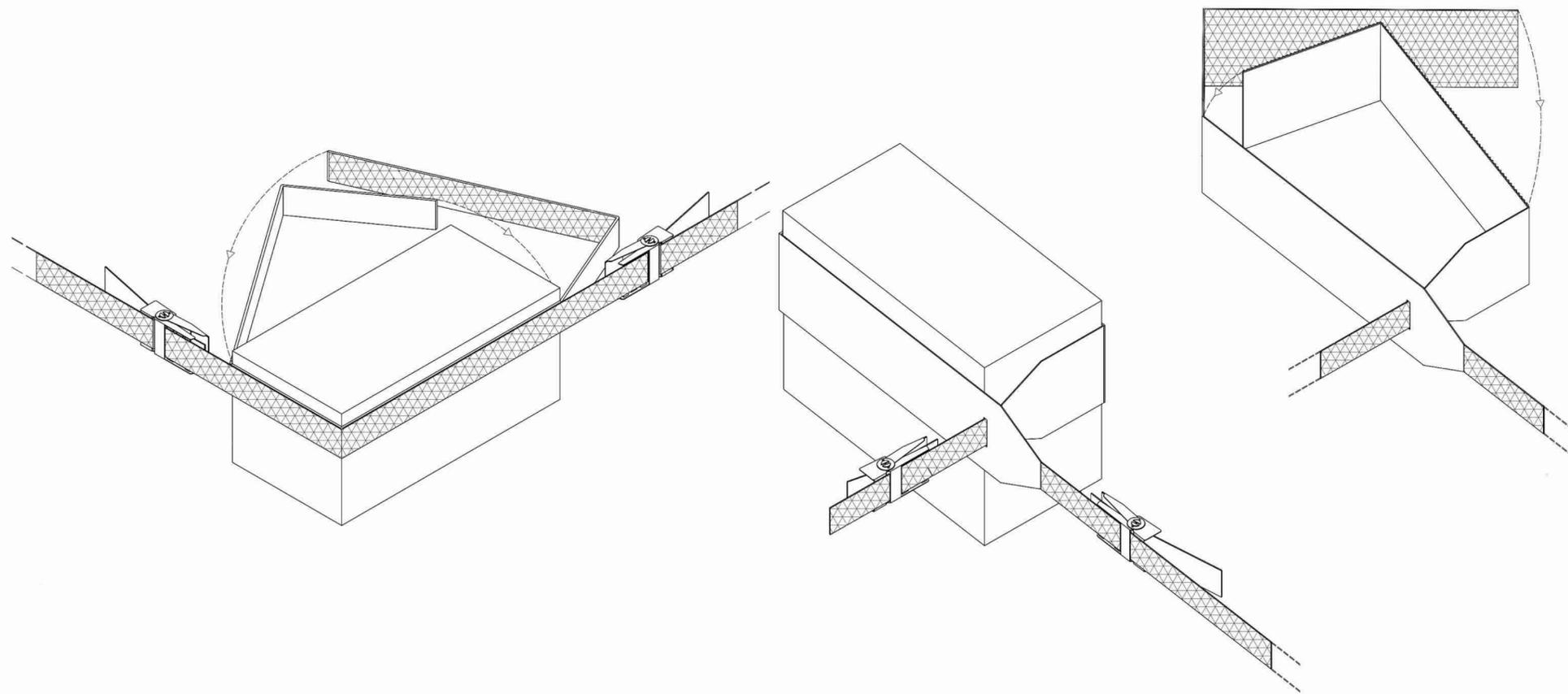






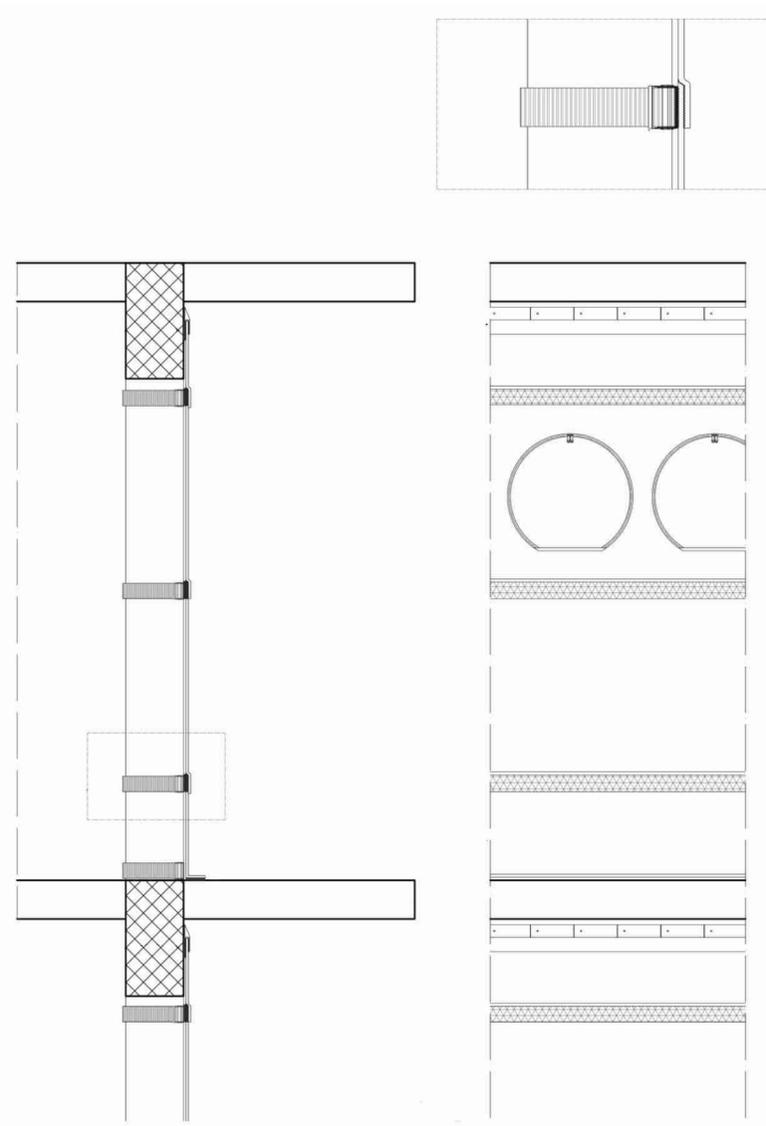
Third level of Ecology:
DETAILS

PATENT FOR AN INNOVATIVE ENVELOPE

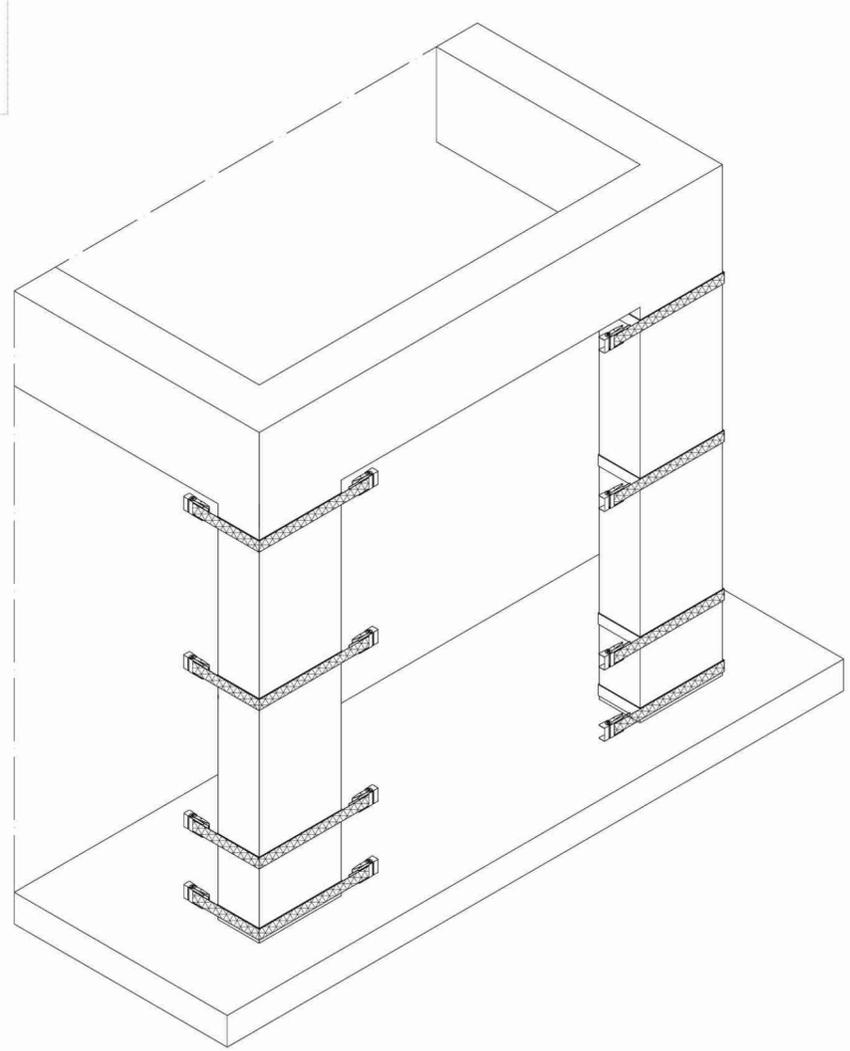


Cinghie angolari

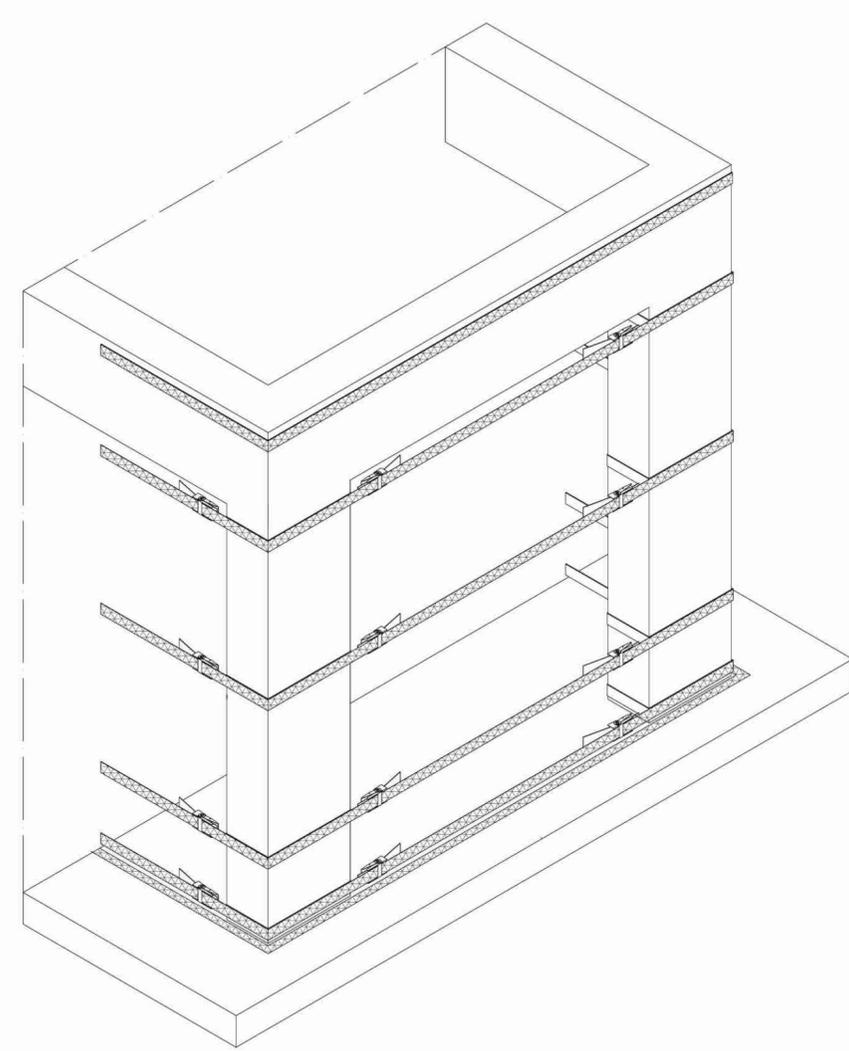
Teli perimetrali di chiusura



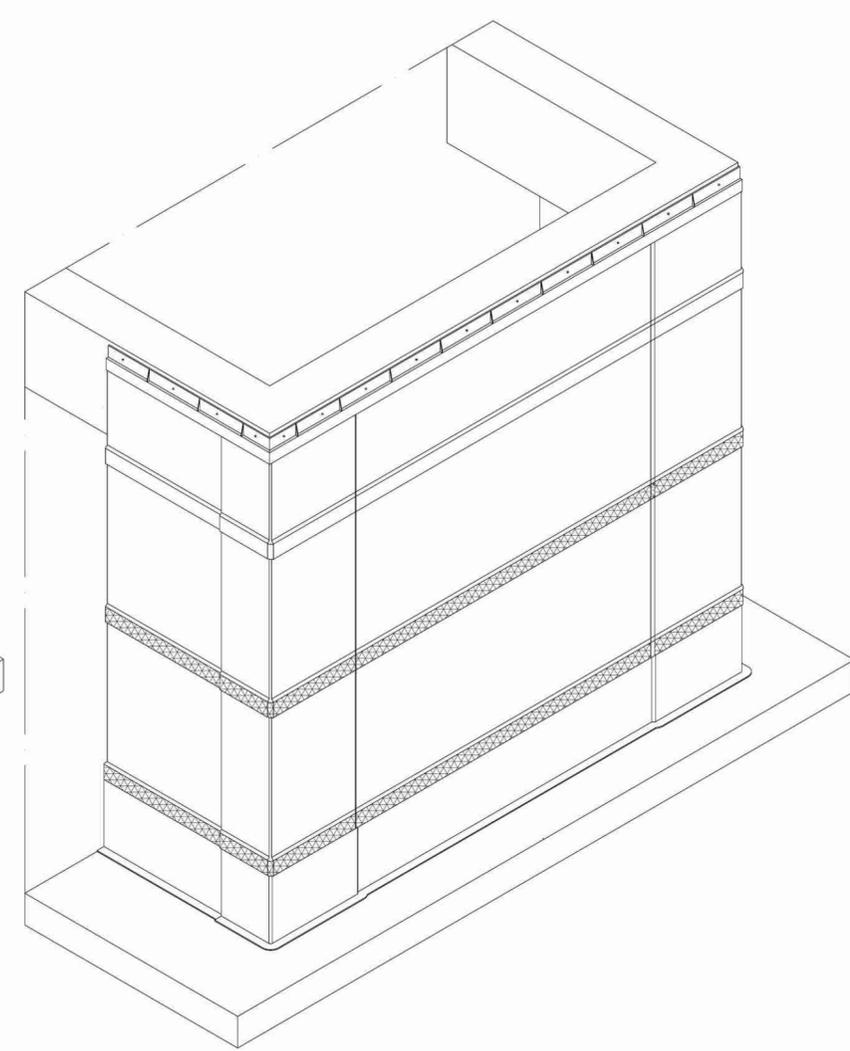
sezione e prospetto del sistema involucro



Sistema cinghie angolari



Struttura con cinghie orizzontali



Montaggio teli perimetrali

**THE GARDEN OF CULTURAL HERITAGE
YANGZHO - CHINA**

First level of ecology:
IDEAS

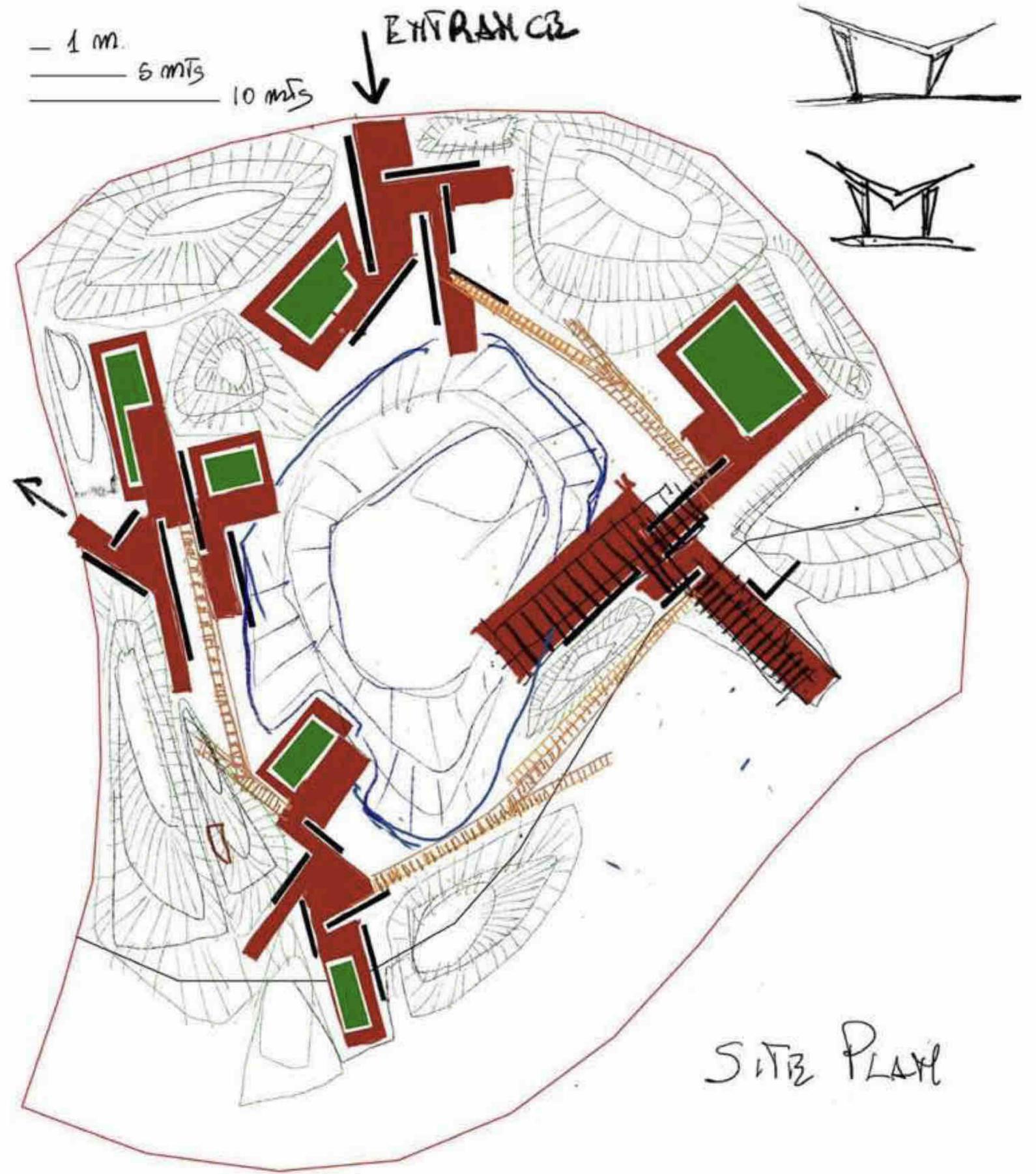
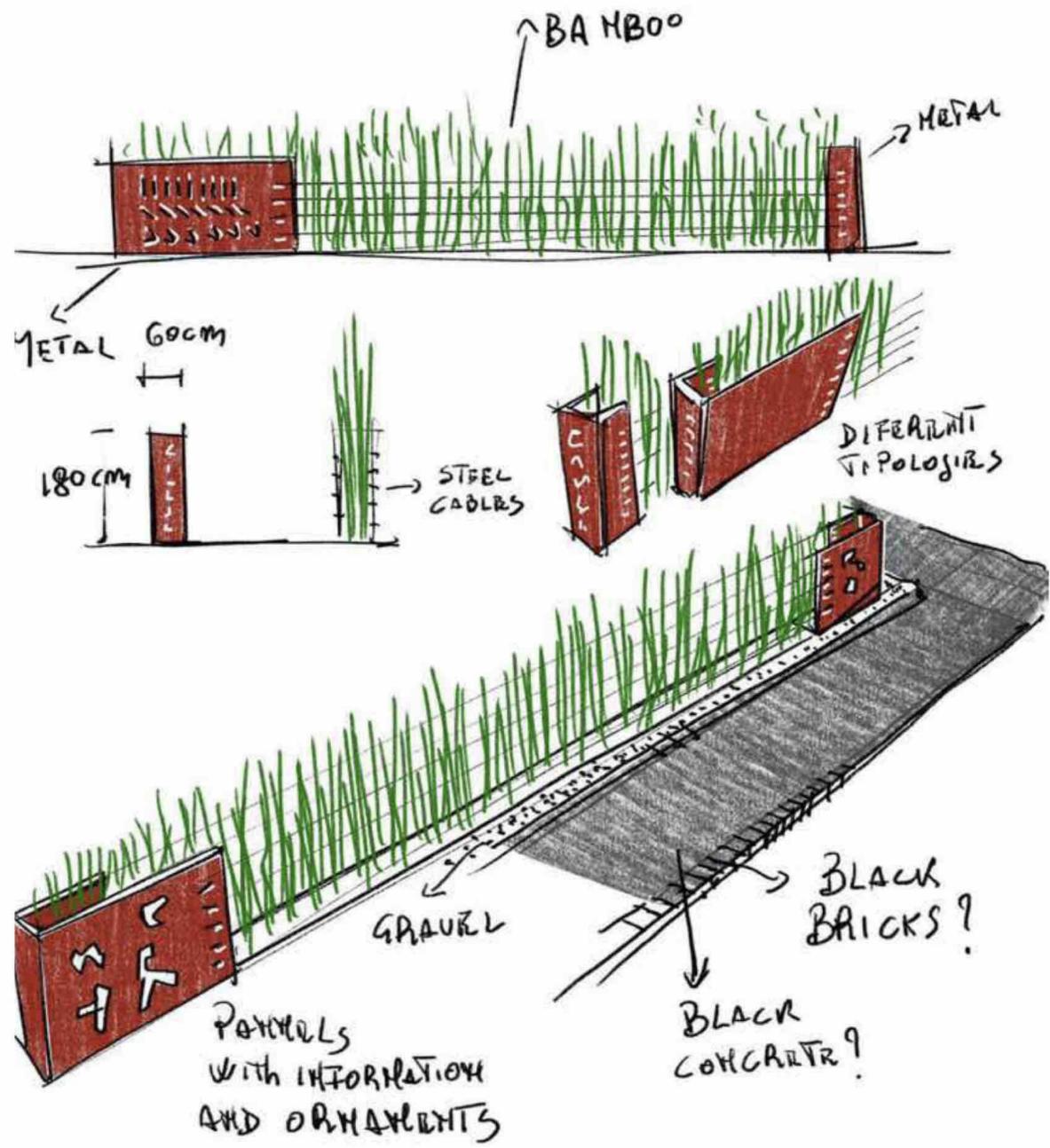
SHARING CULTURE AND DESIGN HERITAGE

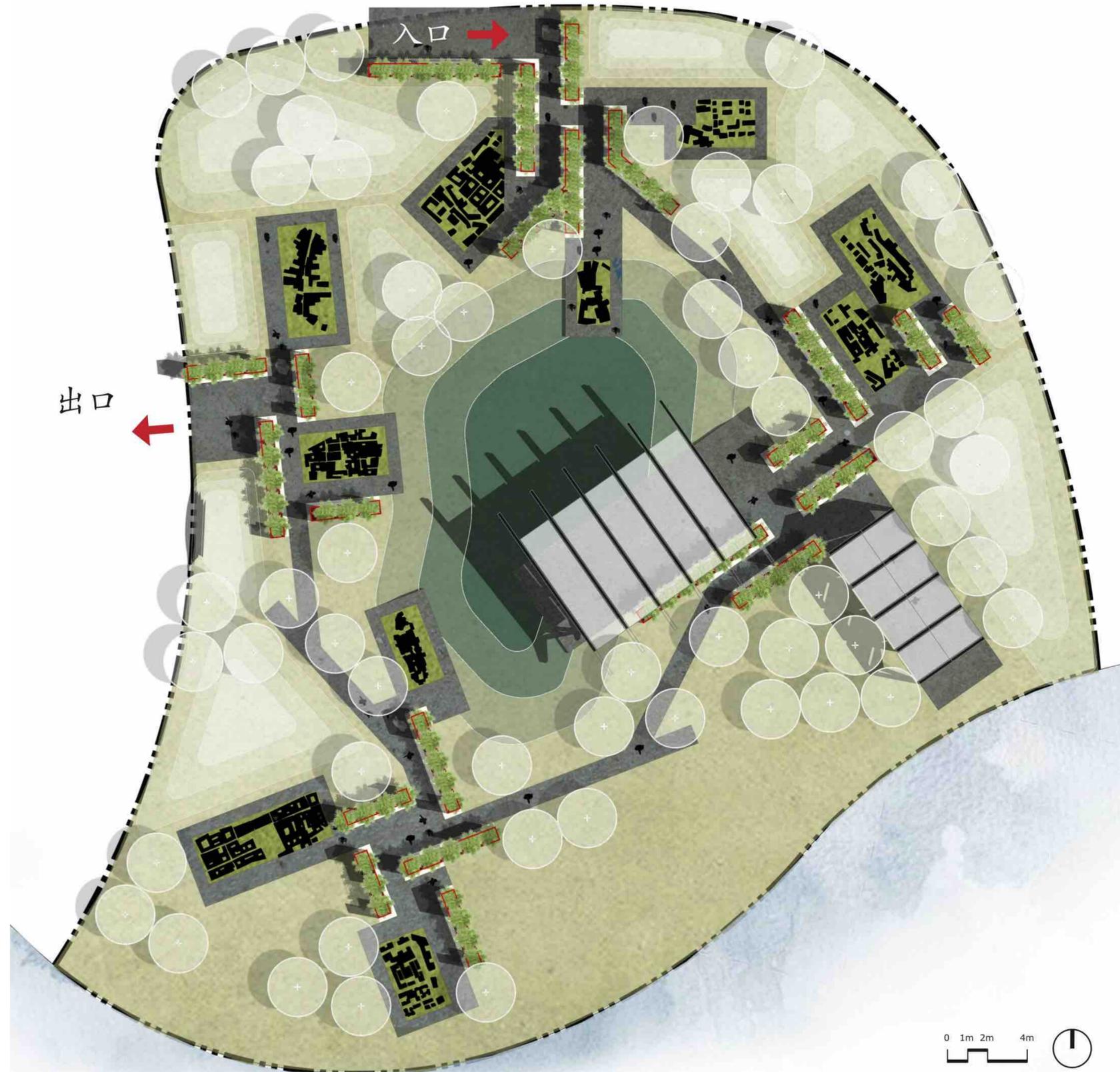
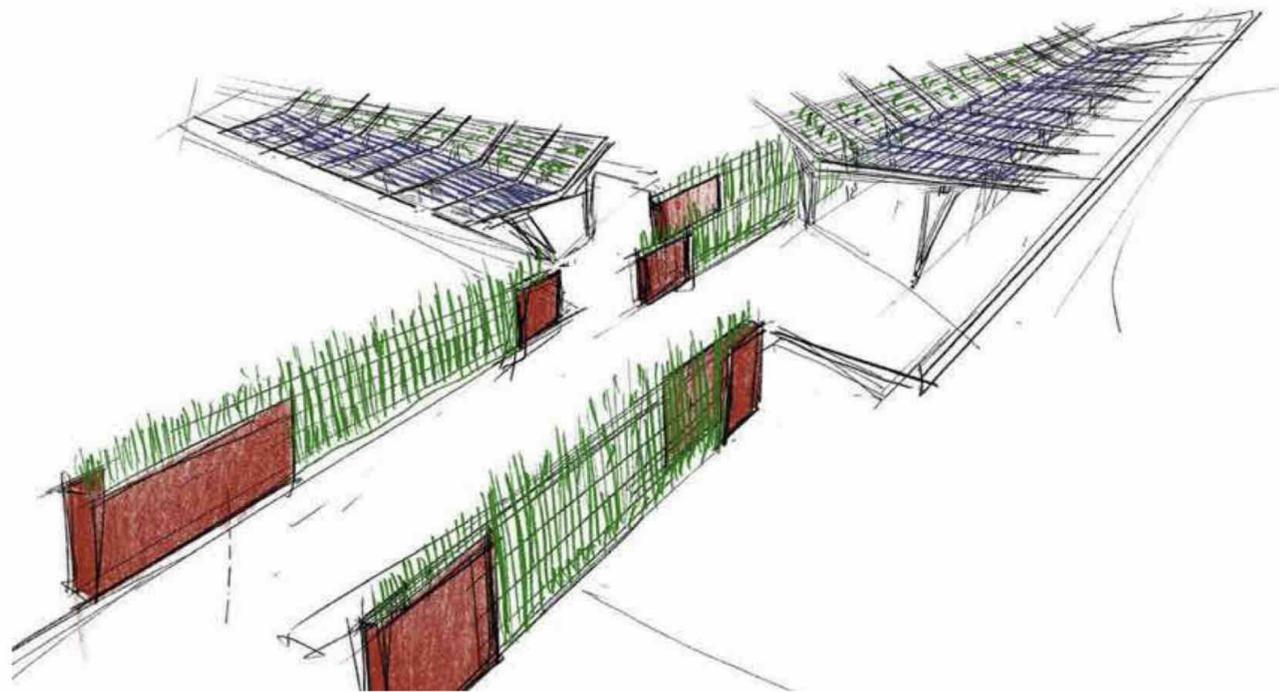
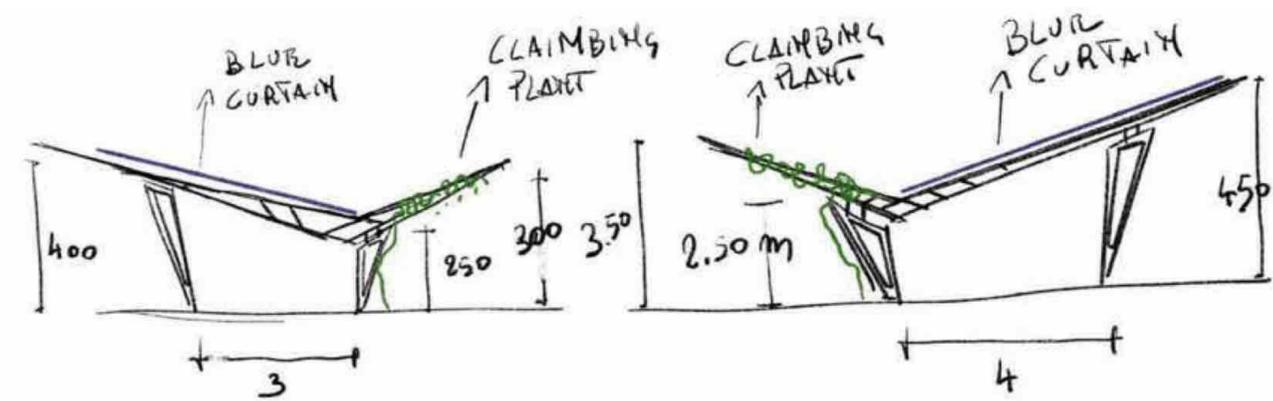


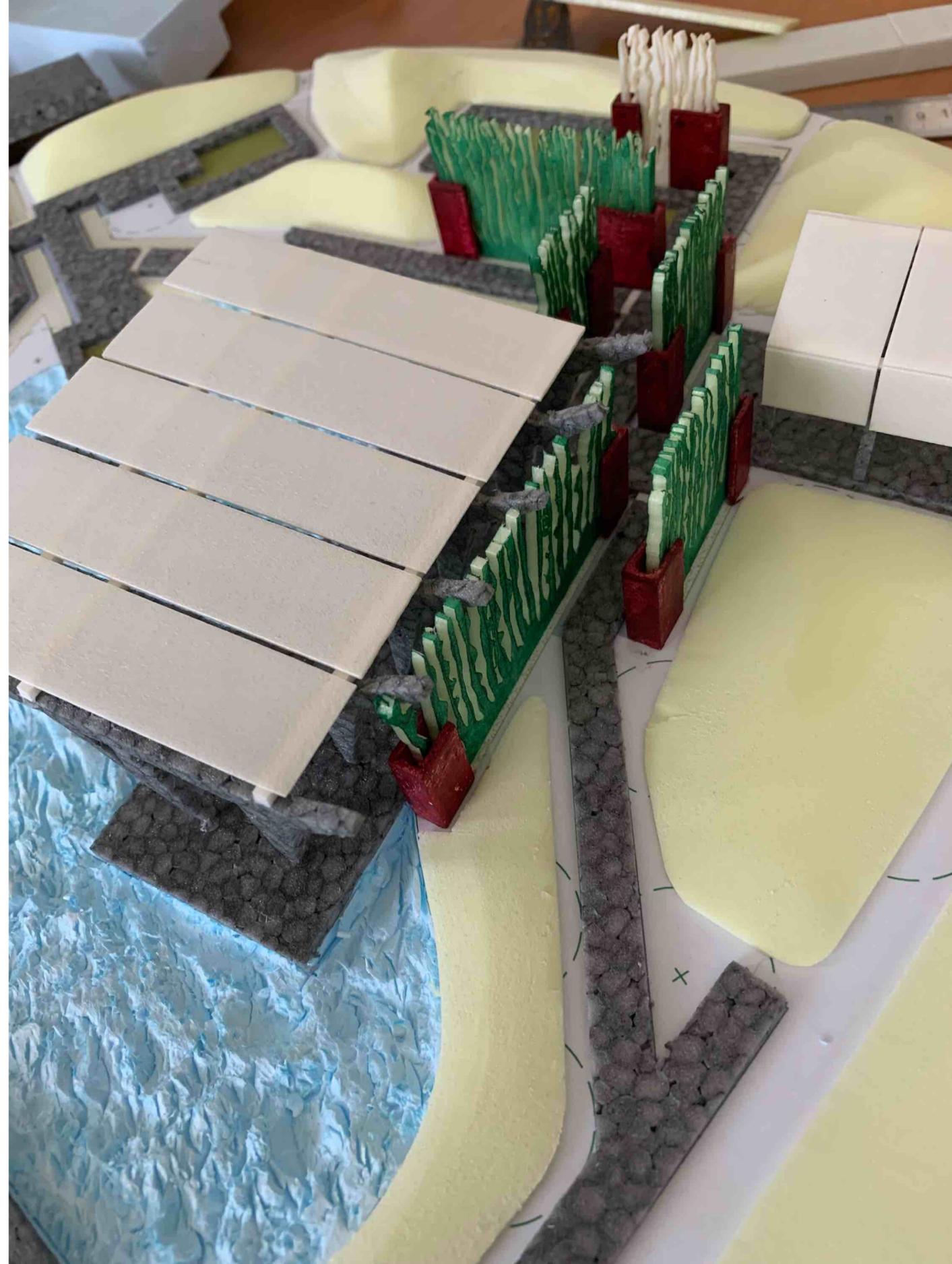
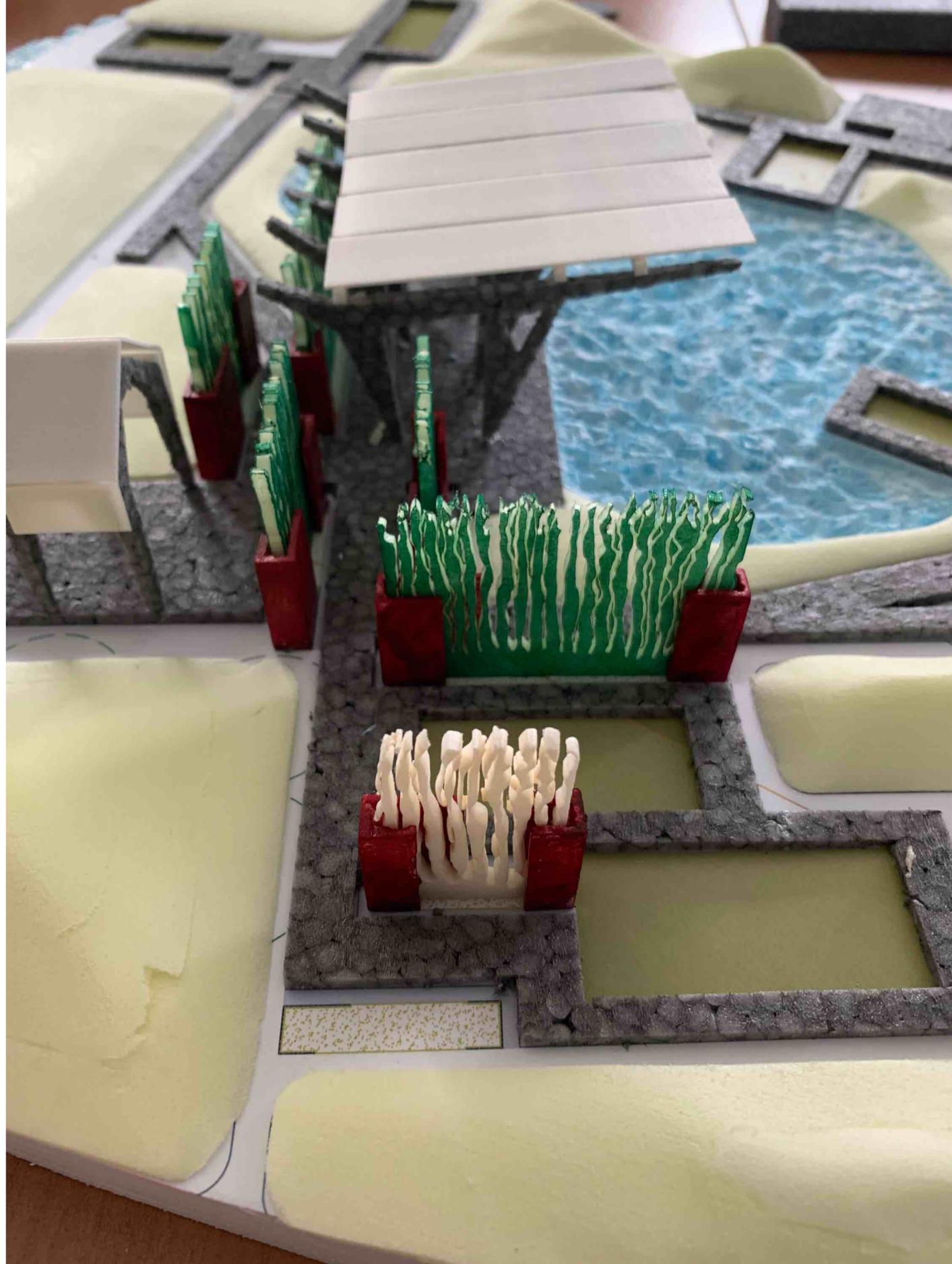
Villa D'Este - Florence - Italy



The Master of the Nets Garden - Suzhou - China







Second level of ecology:
DESIGN

COMBINING ART AND SPACES

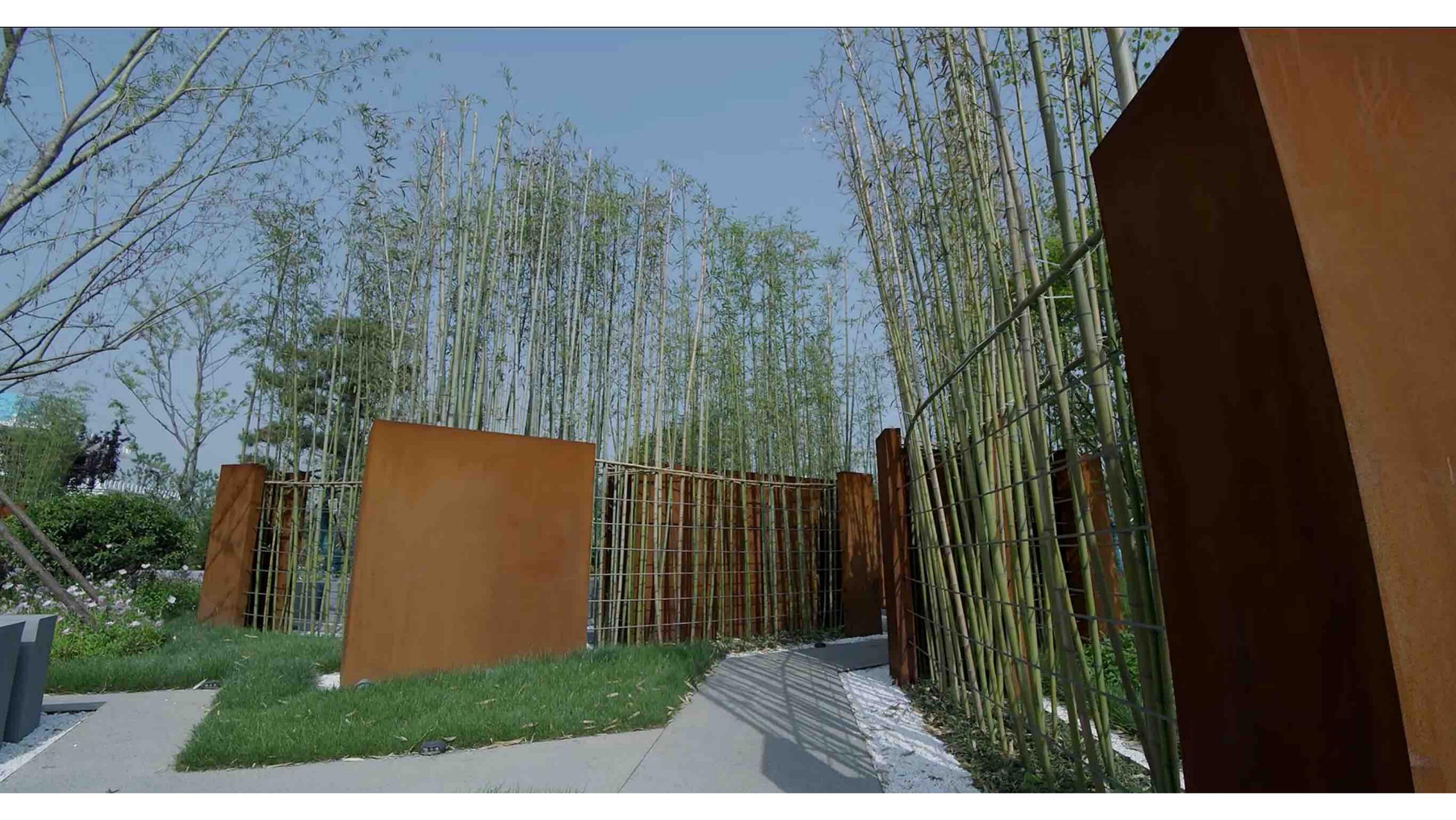






CASTEL SAN PIETRO

DOZZA



Third level of ecology:
DETAILS

USING ECOLOGICAL WALLS



THE GARDEN OF
NUOVO CIRCONDARIO IMOLESE

Metropolitan City of Bologna - Emilia Romagna - Italy



- Casalfumane
- Medicina
- Fontanelice
- Castel Guelfo
- Castel del Rio
- Mordano
- Imola
- Dozza
- Castel San Pietro
- Borgo Torosani

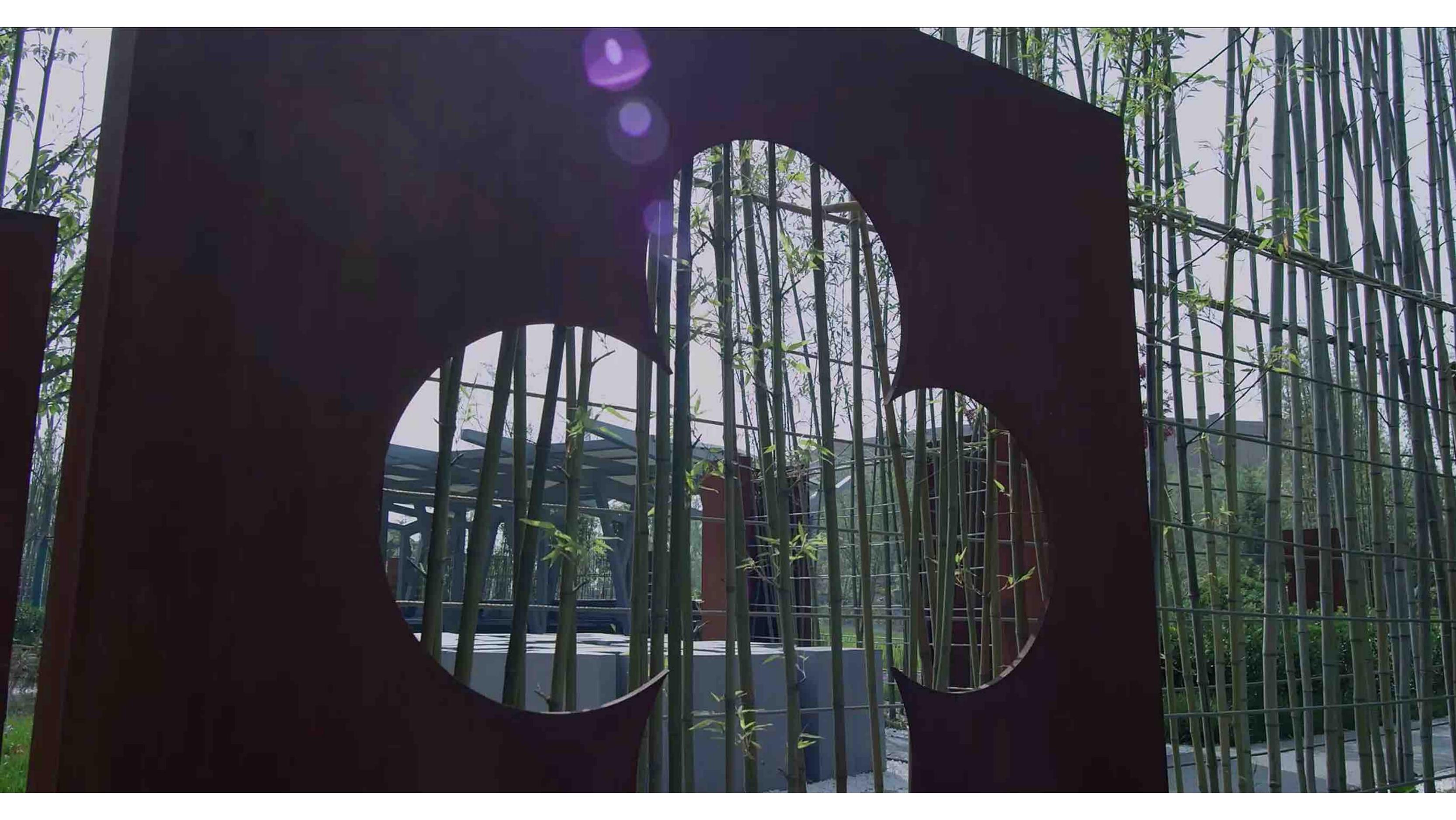


CASTEL GUELFO

CASTEL D

Medicina

Casa



Tank You