

COLLECTIVE HOUSING IN TIMES OF PANDEMIC

These times of global pandemic and isolation, made us REFLECT and RE-THINK on how this problem affects housing and living.

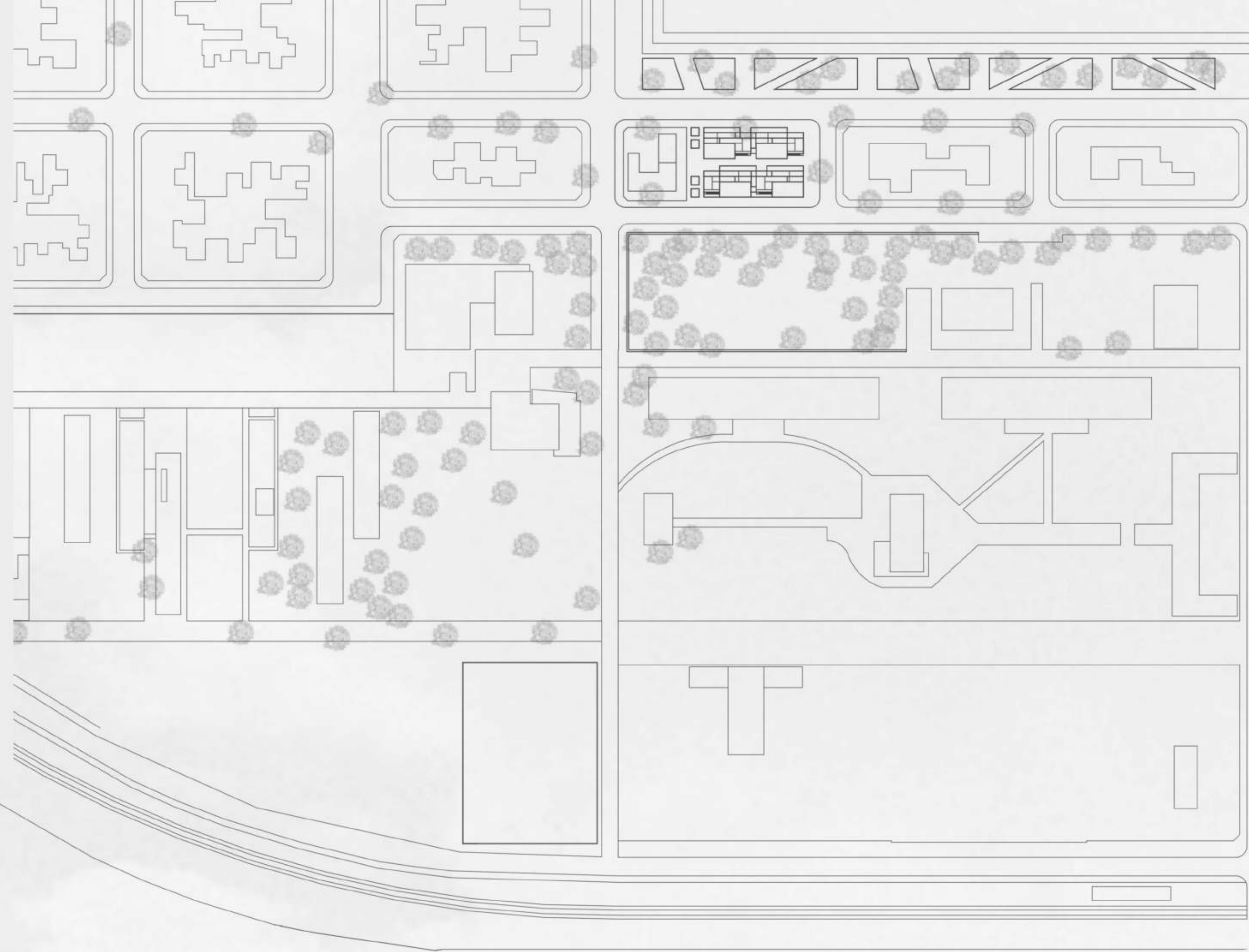
So the question that was posed was the following: if we have entered an era of pandemics, how would they affect housing and living?

Then it began to be thought that the design of the cities of tomorrow should be considered to rethink the exterior and that it does not become a forbidden zone, but that it continues to be a safe and habitable space; Where it will also come into play to deal with other existing problems, such as health problems that persist in other regions of the world, modern epidemics, etc.

Where an URBAN DESIGN for the CITY should be considered where the population can move on foot, or by bicycle, or any vehicle that is not motorized and allows the individual to exercise, thus allowing the great flow of pollution from the streets to be removed from the streets. of combustion vehicles.

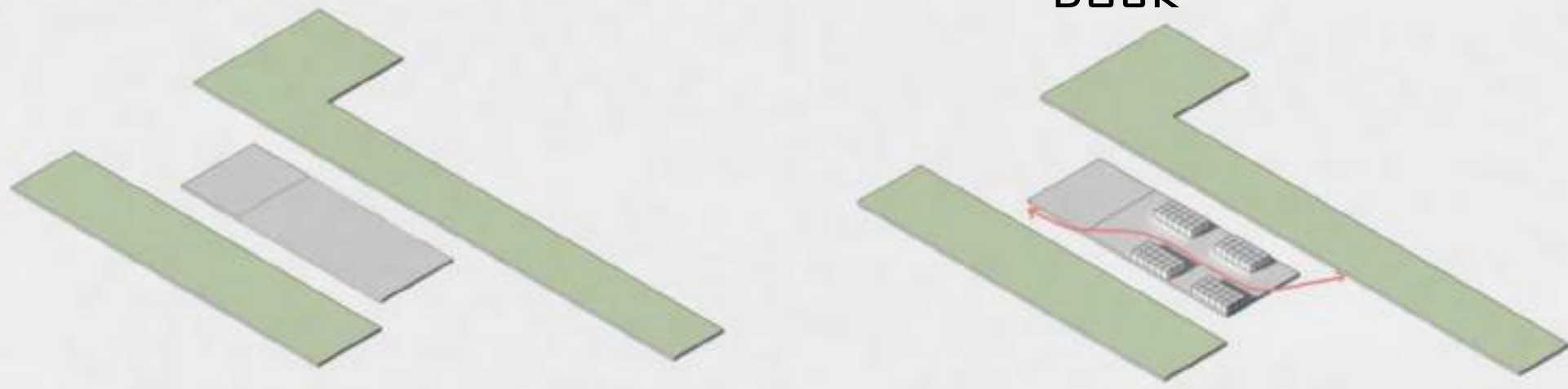
These thoughts led us to generate the theory that ARCHITECTURE and HEALTH go hand in hand.

And that is why, in the SET OF HOUSES, in addition to having these collective spaces that we are talking about, each house was thought with expansions to the outside, having that theory that Frank Lloyd Wright mentioned the outside inside and the inside outside.

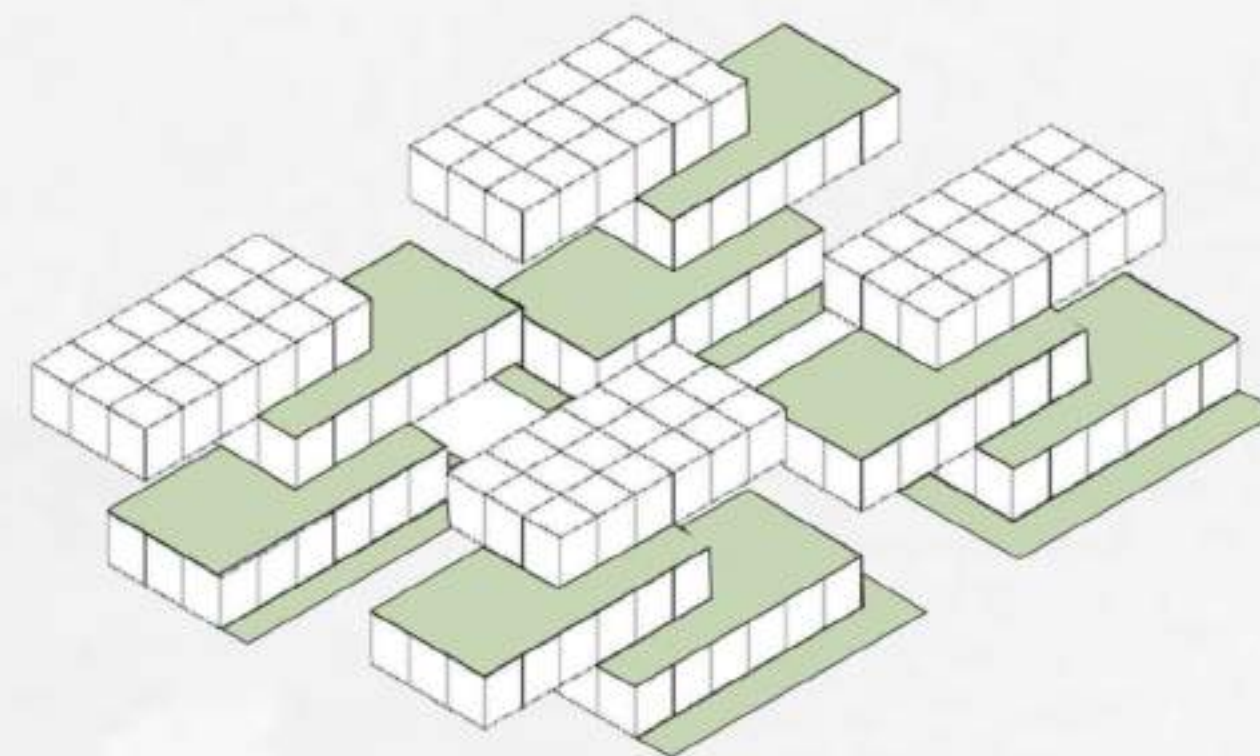
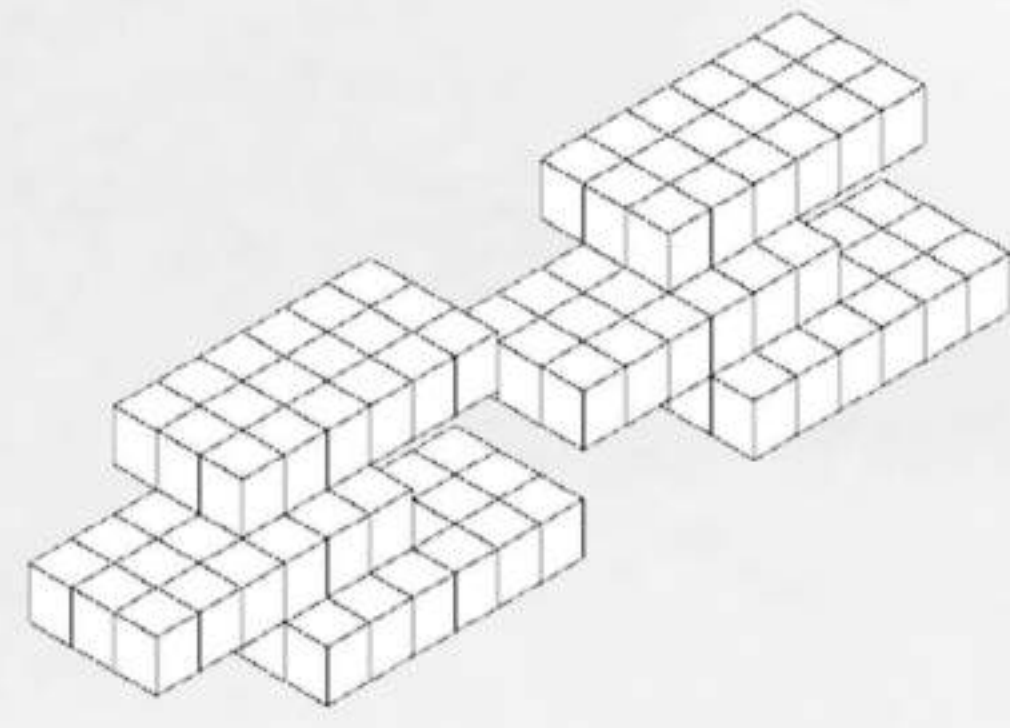
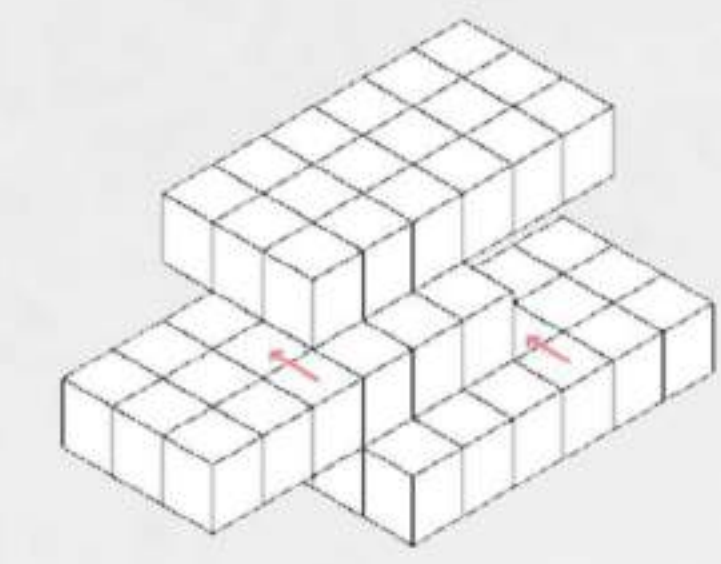
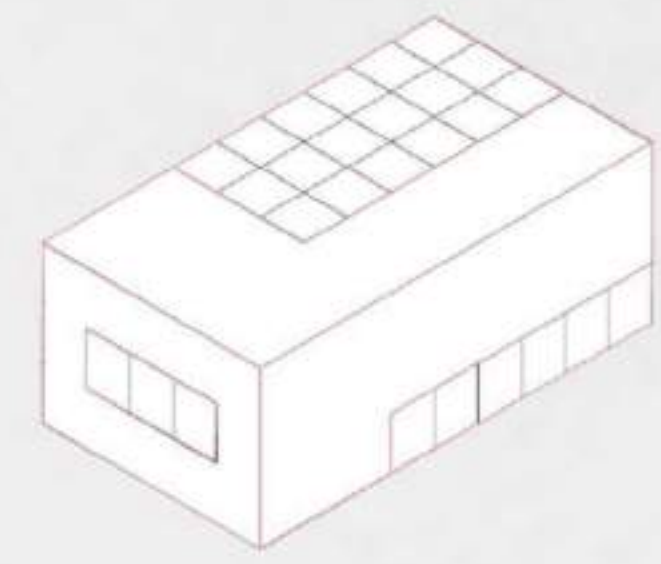


PREEXISTENCE

A DIAGONAL PASSENGER IS GENERATED THAT CONNECTS THE CAMPUS AND CITY WITH THE DOCK



VOLUMETRY



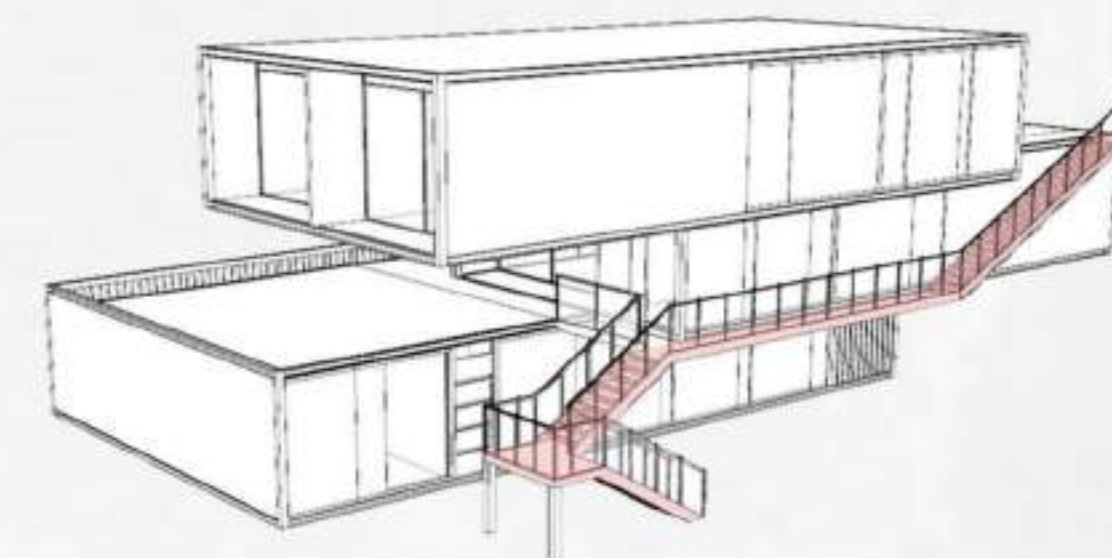
MODULATED INITIAL VOLUME

CREATION OF THE CELL, WITH THREE VOLUMES REMOVED BY ONE LEVEL PER MODULE

THE CELL IS REPEATED, FORMING STRIPS IN WHICH THE HOUSES OF THE SET ARE ORGANIZED

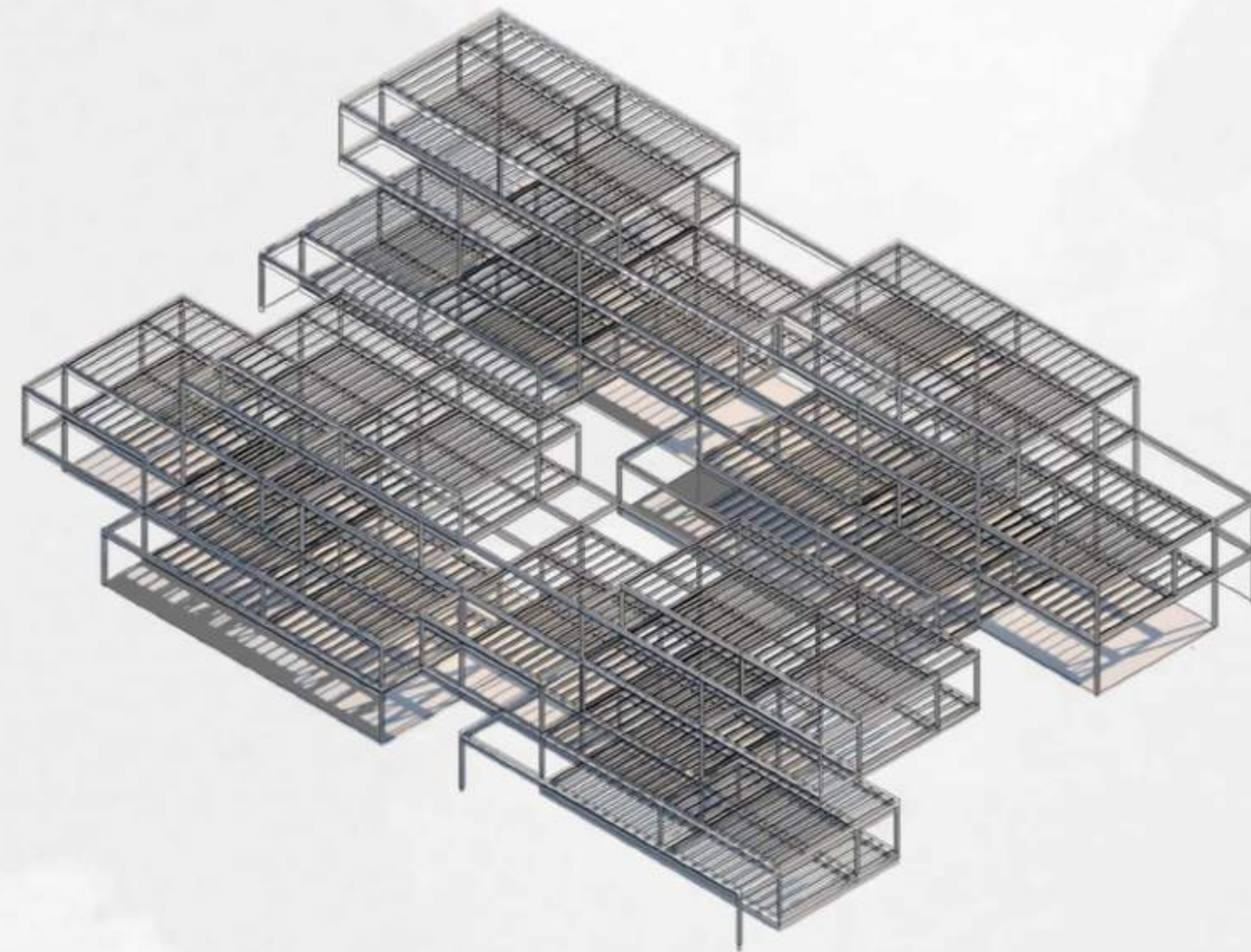
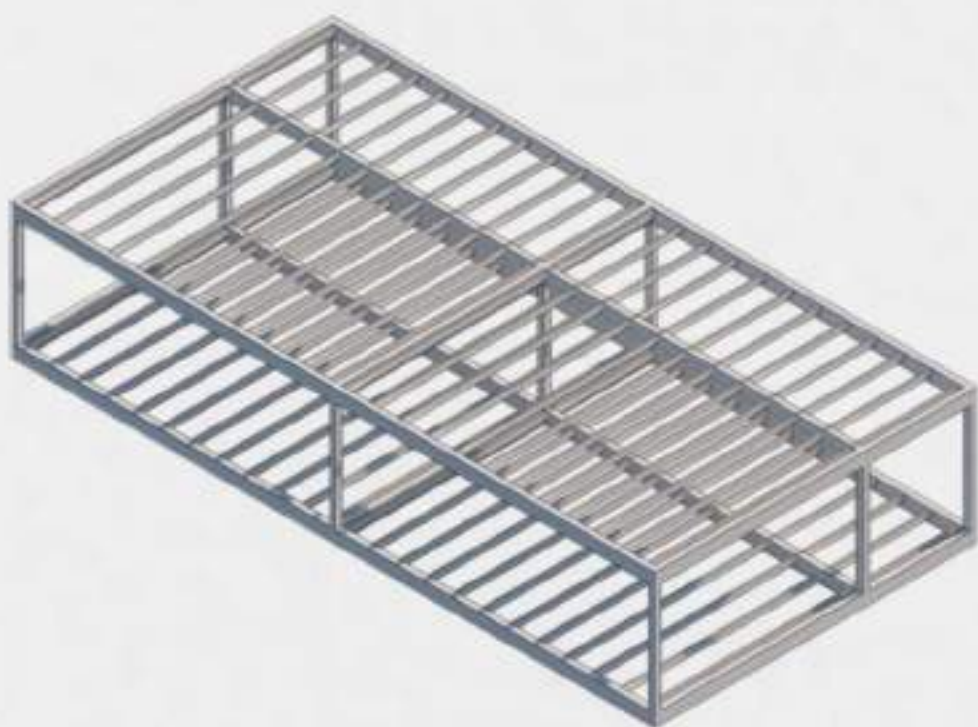
IN THIS WAY, THE TWELVE HOUSES HAVE THEIR GREEN EXPANSIONS WELL ORIENTED

VERTICAL MOVEMENT SYSTEM



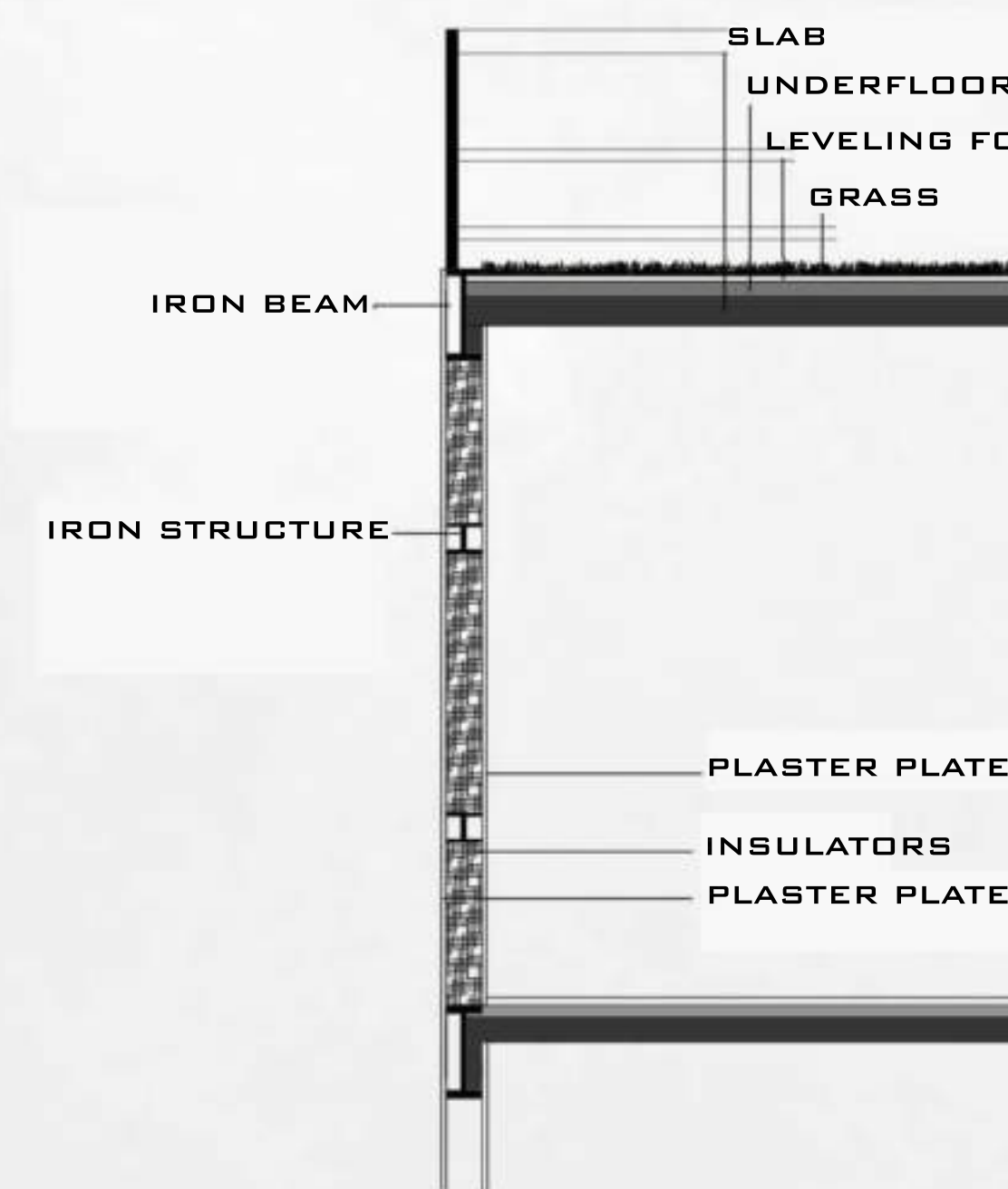
ONE ELEMENT PER CELL, WHICH IS DEPLOYED HORIZONTALLY AND PREVENTS THE CONCENTRATION OF INHABITANTS OF THE SET IN TIMES OF PANDEMIC

STRUCTURE



THE STRUCTURE IS DEVELOPED THINKING ABOUT RAPID CONSTRUCTION IN THESE TIMES OF PANDEMIC, THAT IS WHY IT IS DEVELOPED IN IRON PROFILES, IN WHICH EACH VOLUME OF HOUSING IS CONFORMED AS A CONTAINER, ONE ABOVE THE OTHER, AND A SERIES OF COLUMNS MODULATED STEEL ADD TO VOLUMES AND PULL LOADS TO THE GROUND

MATERIALITY



TWO MATERIALS ARE USED IN THE CONCEPTION OF THE FACADE, WOOD AND STEEL, KEEPING A QUICK CONSTRUCTION IN MIND, THAT IS WHY STEEL IS USED FOR THE STRUCTURE THAT IS VISIBLE IN SCULPTURAL FORM TO DEMONSTRATE THAT IT GIVES LIFE TO THE WHOLE AND AS A SECOND MATERIAL APPEARS WOOD, FROM WHICH IT WILL BE TRANSFORMED INTO THE SUNSHILLS FOR EACH GREEN EXPANSION AND FOR THE ADAPTABLE AND MOBILE FACADE PANELS OF EACH HOUSE THAT MANAGE THE ENTRY OF NATURAL LIGHT TO EACH HOUSE

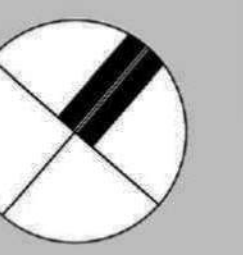


ADAPTABLE FACADE WITH MOVABLE WOOD PANELS

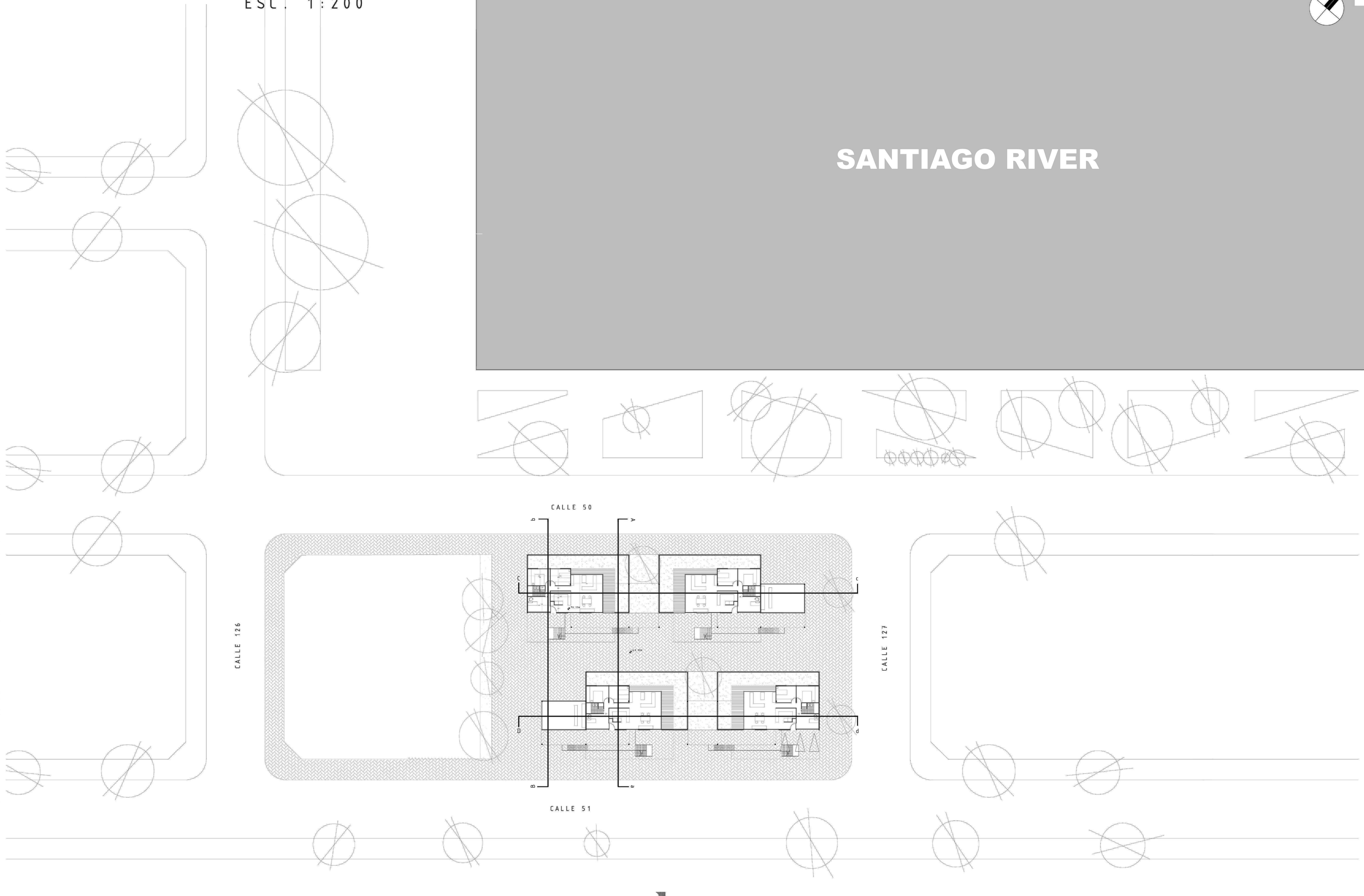


ZERO FLOOR

ESC. 1:200



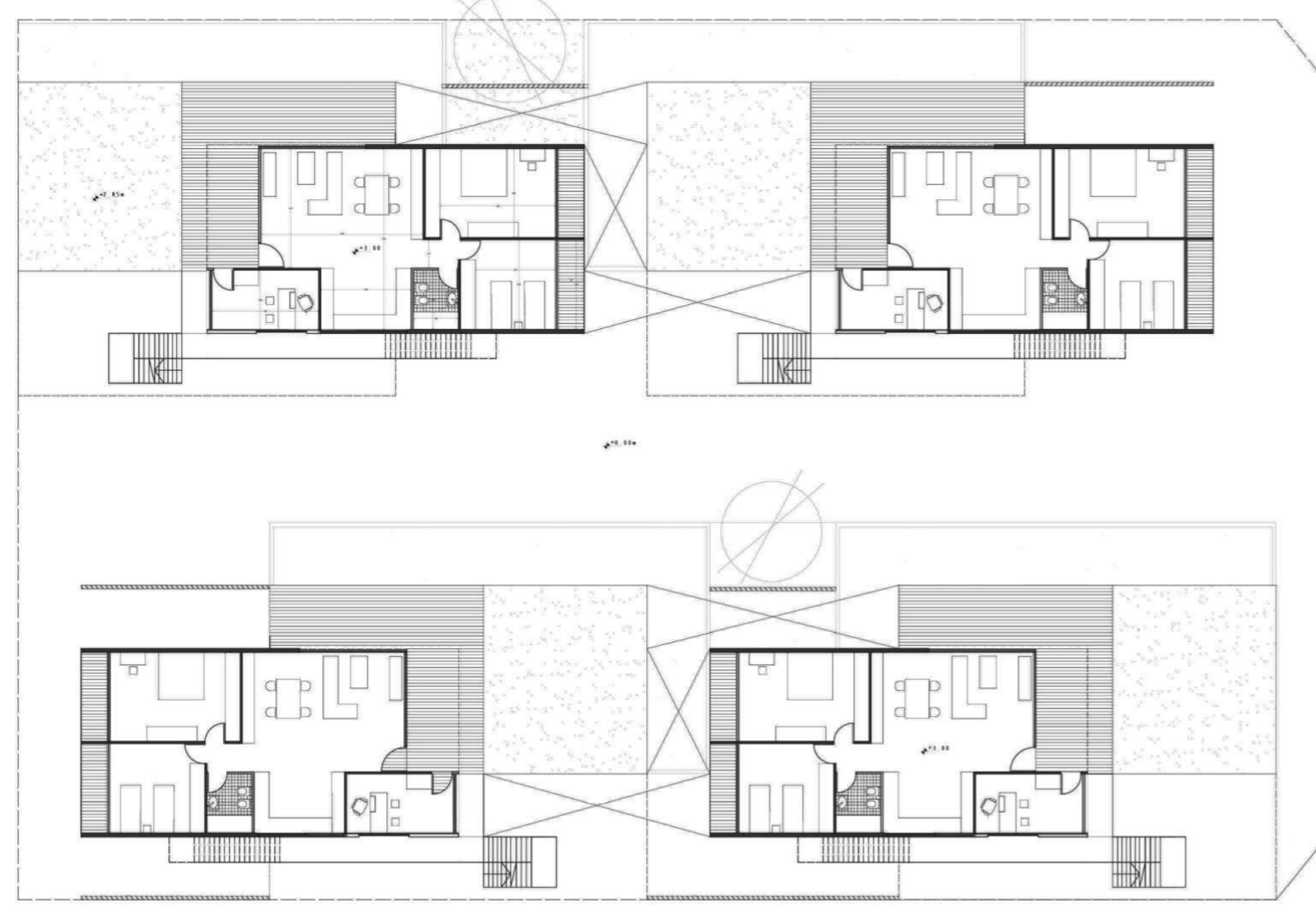
SANTIAGO RIVER



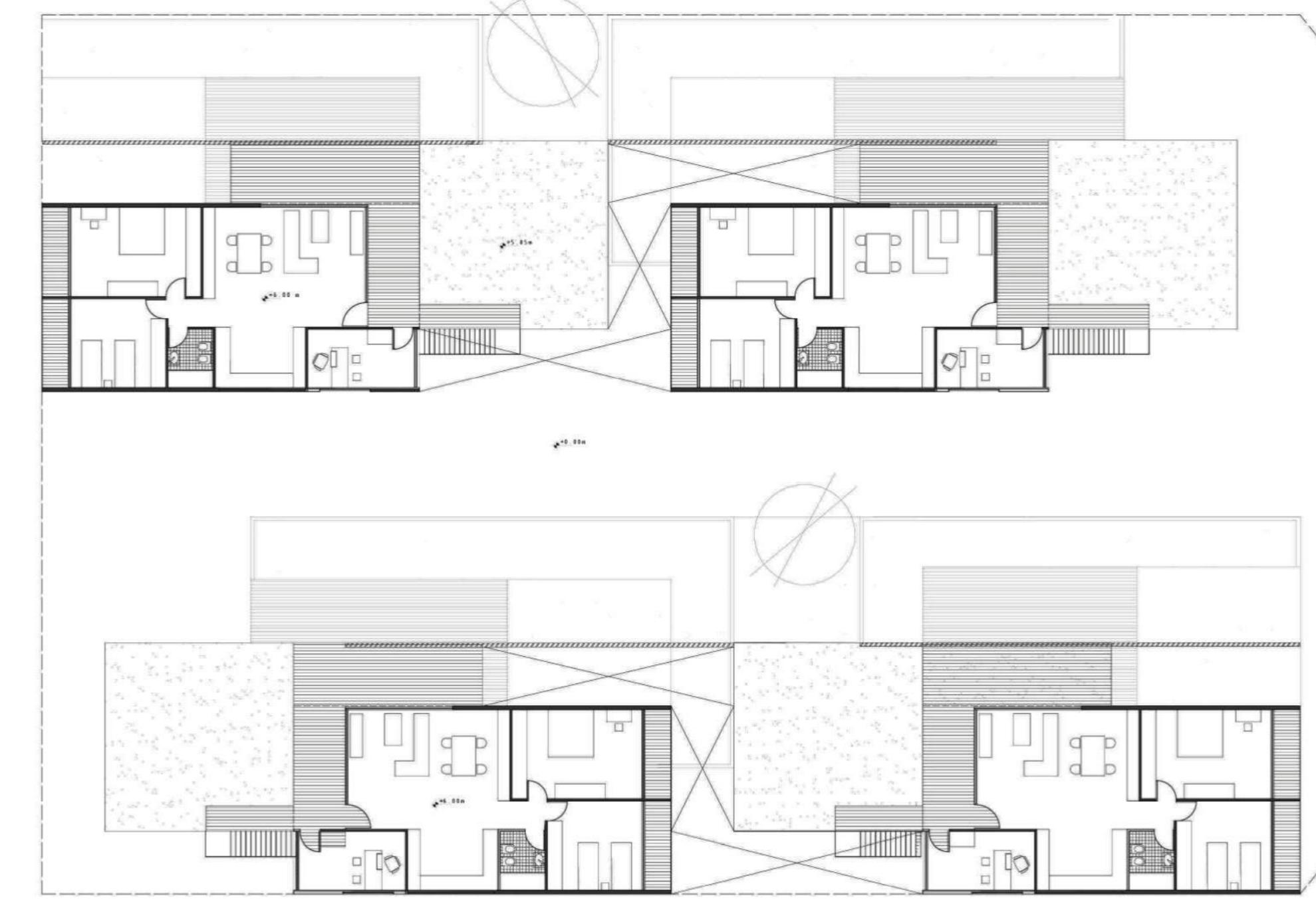
PLANS

ESC. 1:200

FIRST FLOOR



SECOND FLOOR



SECTIONS

ESC. 1:200

CORTE A-a



CORTE C-c



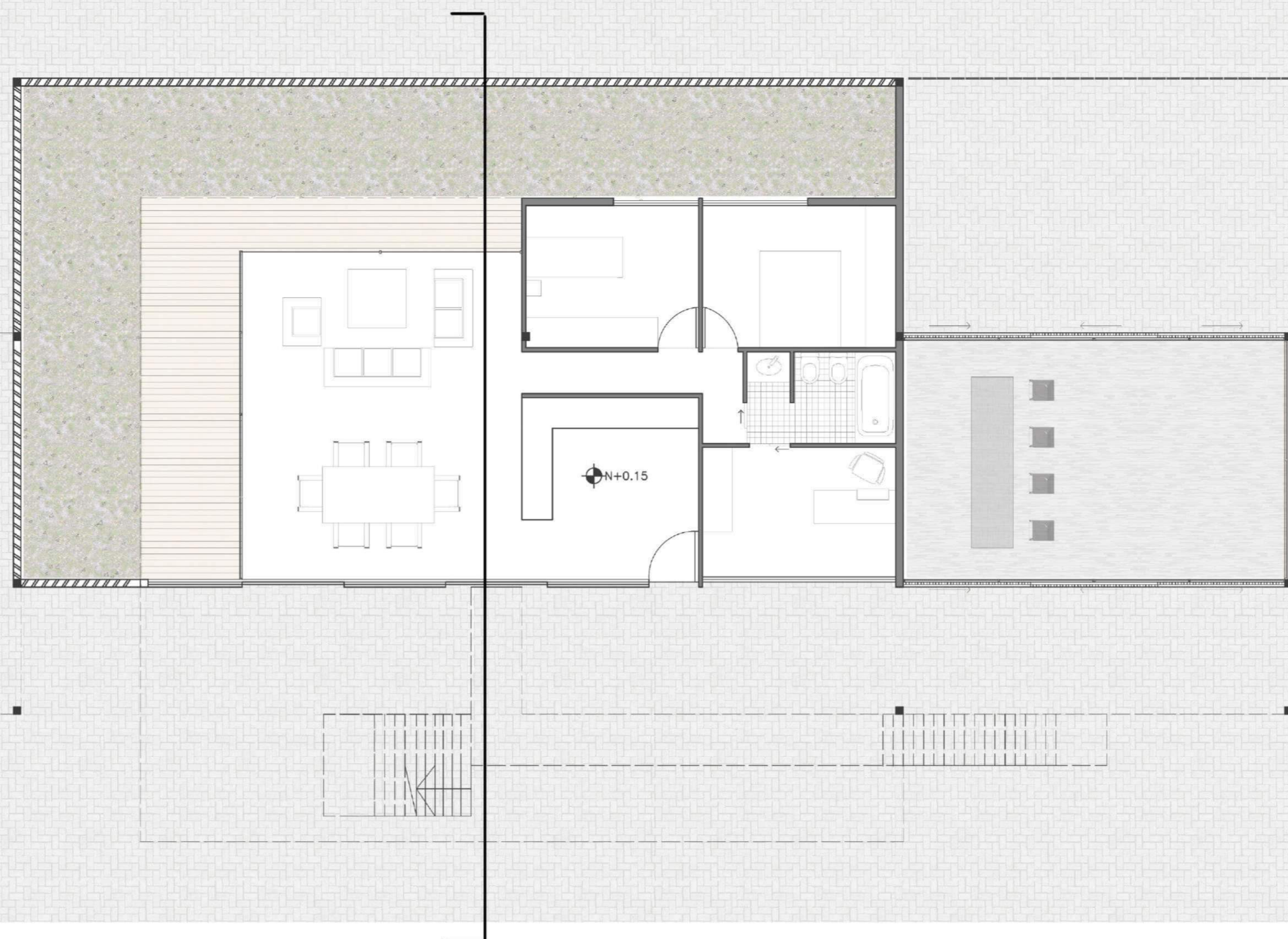
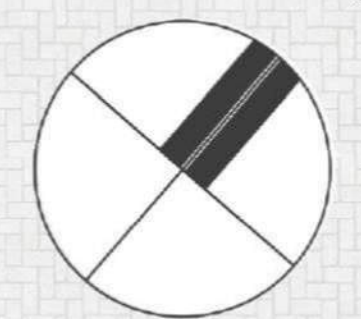
CORTE B-b



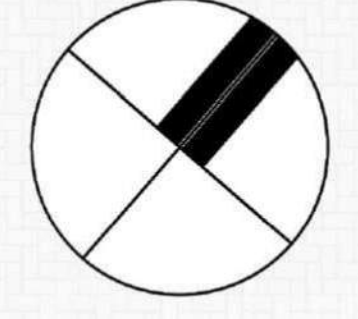
CORTE D-d



HOUSING FLOOR TYPE 1 ESC 1:75



HOUSING FLOOR TYPE 2 ESC 1:75



TYPE 1 HOUSING CROSS SECTION ESC 1:75



TYPE 2 HOUSING CROSS SECTION ESC 1:75



FACADE SW - PASSAGE



FACADE SE - RIVER



FACADE NE - STREET 127



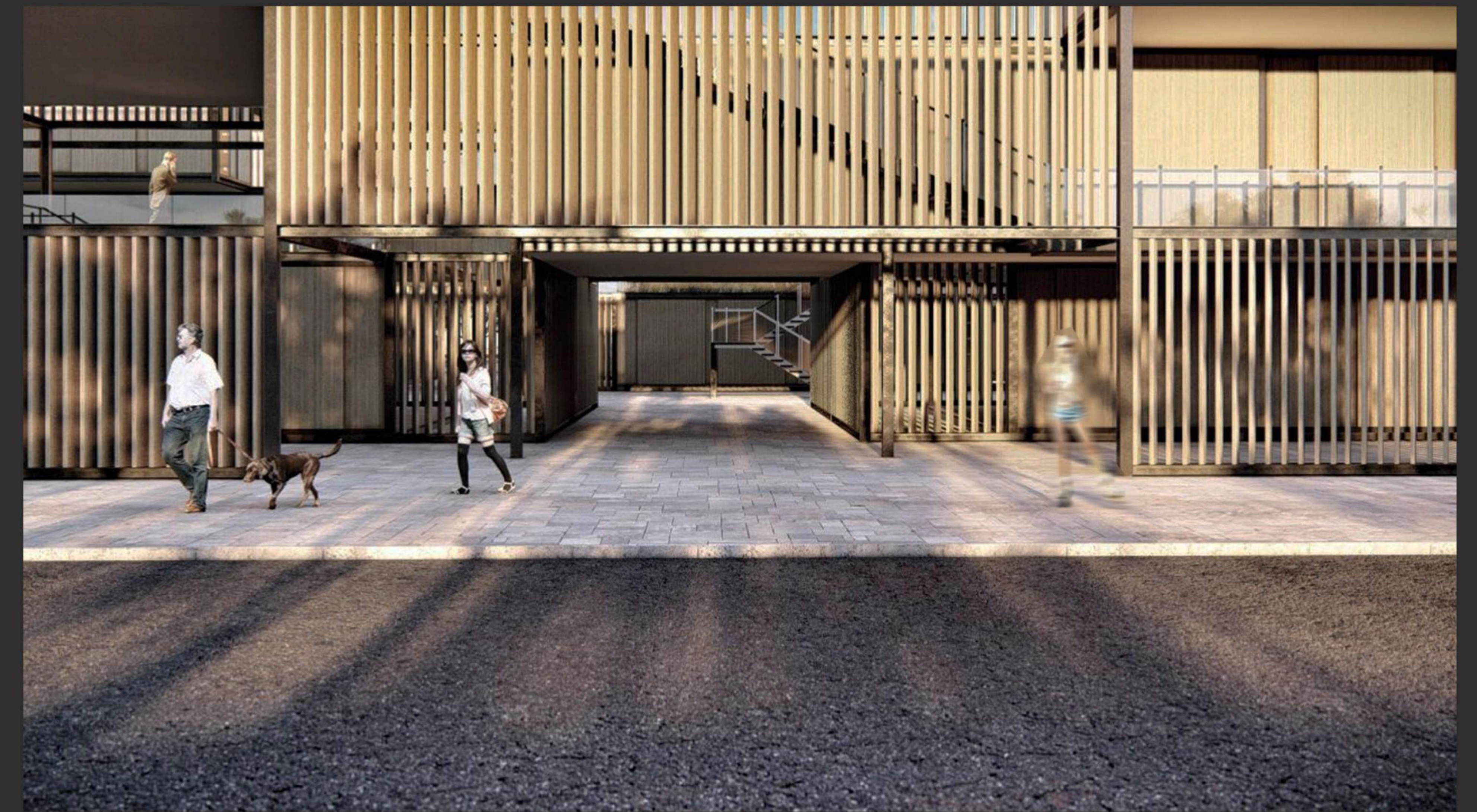
FACADE NW - CAMPUS



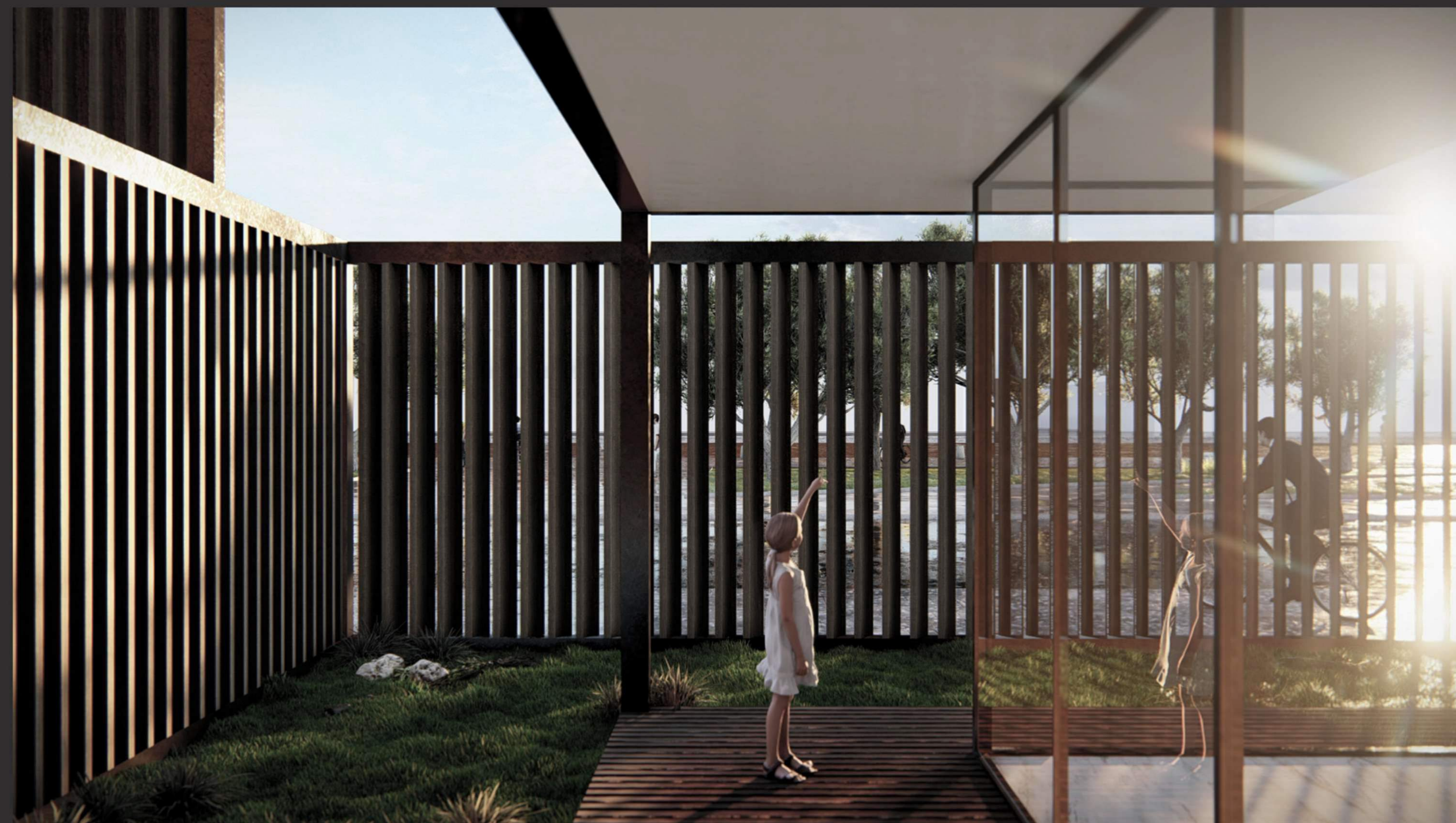
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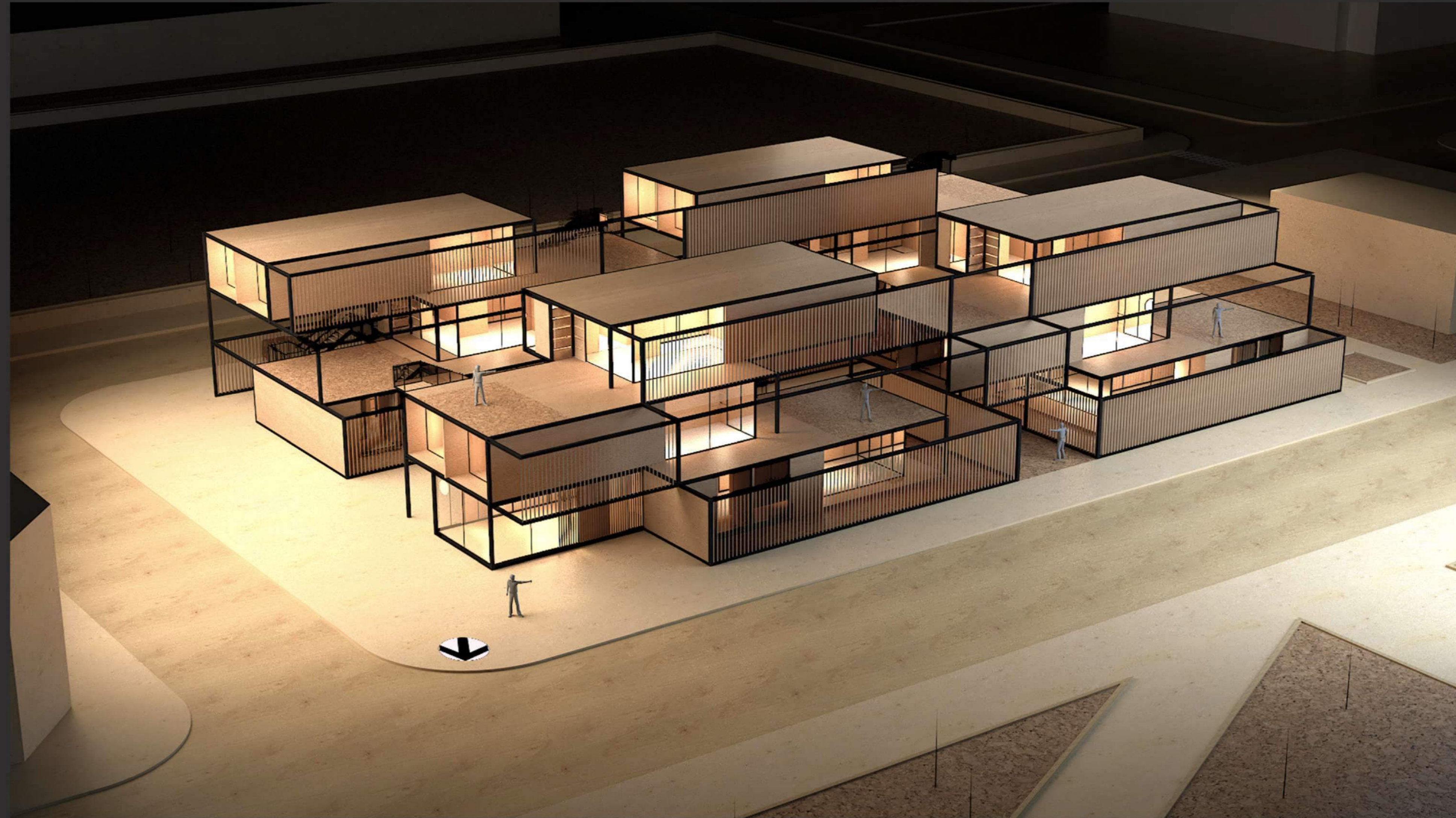
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VIRTUAL MODEL STRUCTURAL SYSTEM

