

MICHAEL LOCANTE

Portfolio of Work

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MICHAEL TOCCO NLT

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HOUSE OF JEALOUS LOVERS

Location: Paris, France

Site: Hôpital Saint-Vincent-de-Paul

Program: Fitness Center/ School

Area: 108,000 sq.ft / 10,000m²

Task: Develop a totalized building considering all necessary life-safety, egress, material and structural considerations, using natural ventilation strategies as a primary design device.

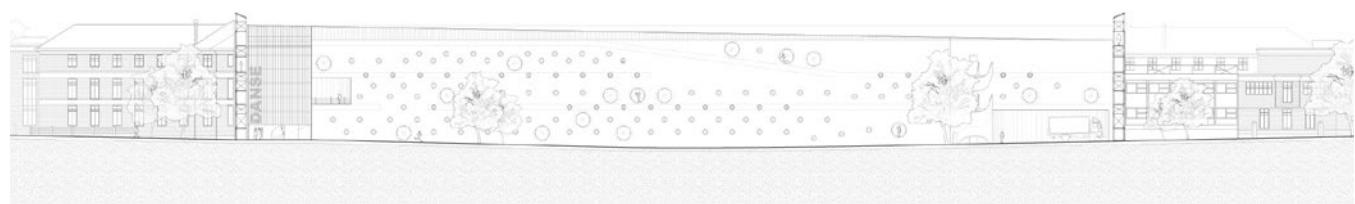
With **House of Jealous Lovers**, the “body” is at the root of all design decisions, across all scales. Through the strategic sequence of environments and spaces—the body moves through different moments of body/subject reconciliation and estrangement—leaving the subject not questioning the architecture for its meaning or reasons, but instead himself.

The architecture focuses on these moments of reconciliation and estrangement, moving through a difficult whole in which the fragments of the building are always completely manifested. But the boundary and influence of any given one is affected by another — blurring inside and outside, before and after, and conflict and resolution.

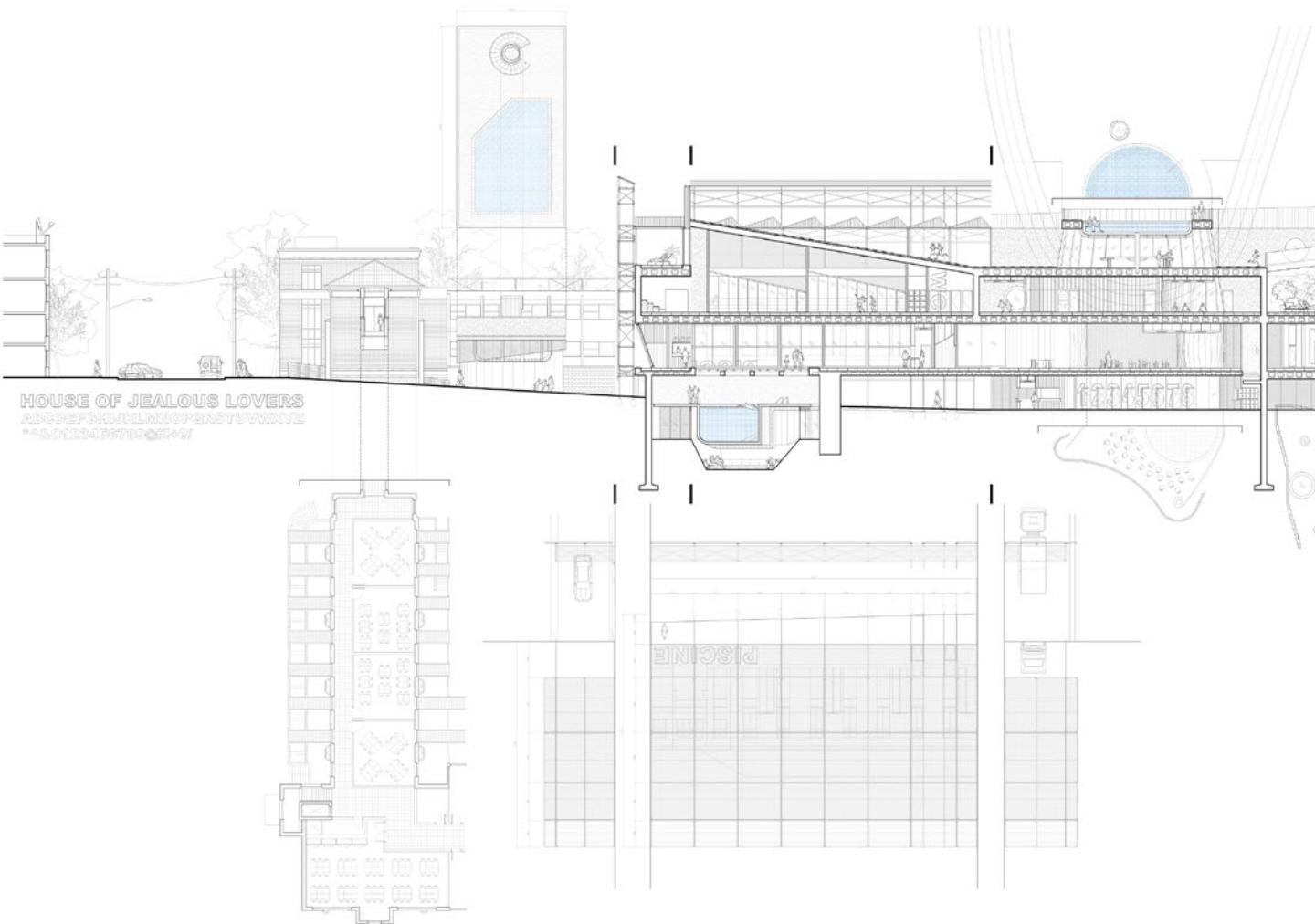


SITE ROOF PLAN

UNROLLED ELEVATION



UNROLLED MASTER SECTION



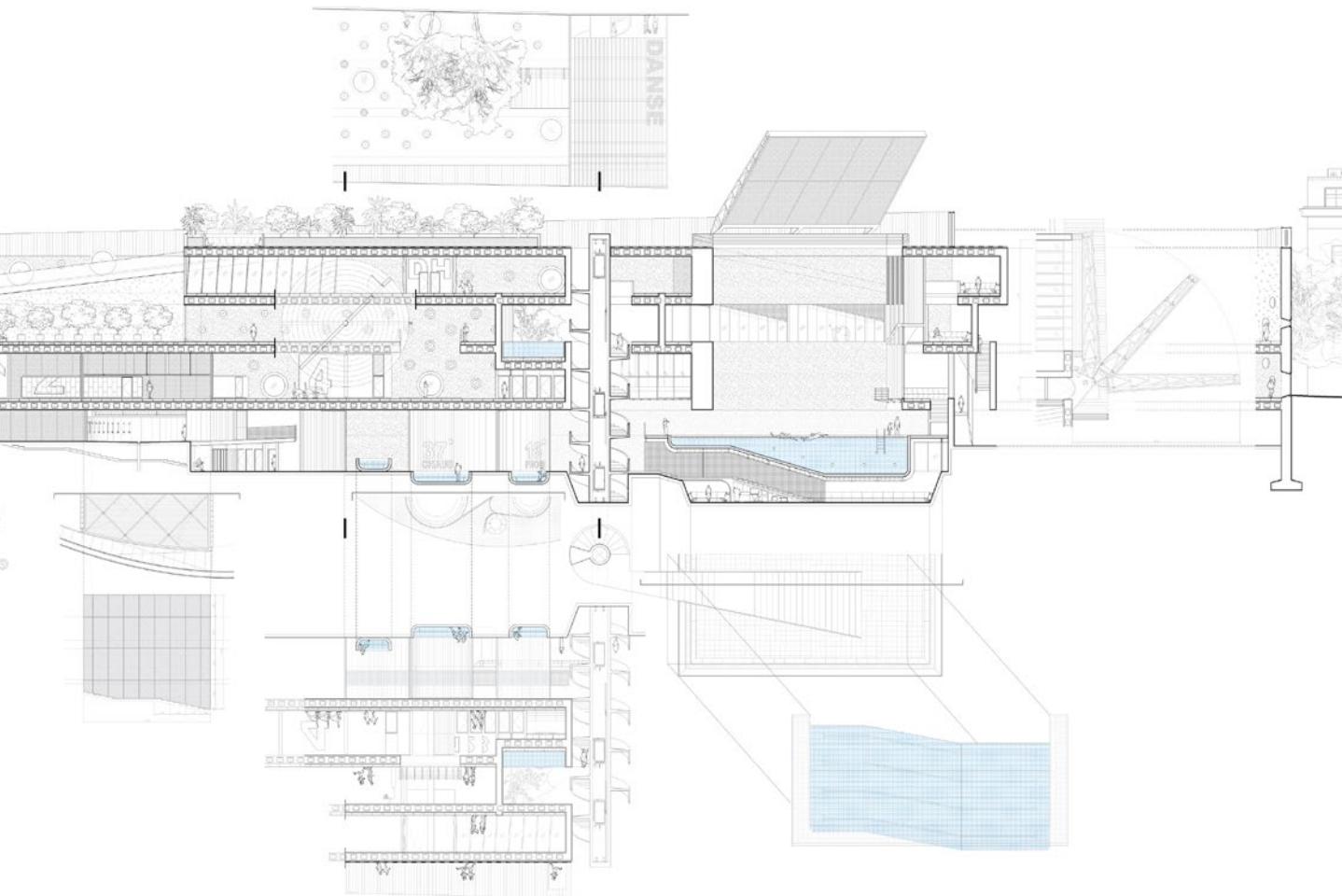
Finding Time

I seek to dismiss contemporary trends defined by ironic interventions, technological solutions for technological problems, and image simulation. These interventions focus attention towards faceless interactions and hollow representations of sociality.

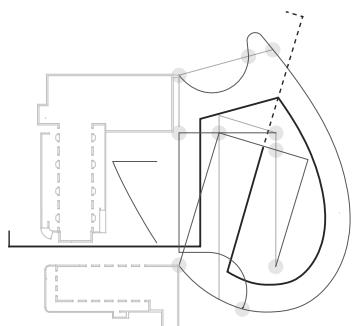
This project looks to refocus the attention of contemporary architecture on its material relationship between the subject and the body.

Precarious Contextualism

By turning the conceptual drive of architecture away from distant social or cultural theories and ideals, this work looks to forefront issues which must be played out through the primary matter of building – tectonics. The bath house is composed of formal fragments, each defined by one of three tensioned relationships – *Body/ Context*, *Body/Structure*, and *Body/ Body*.



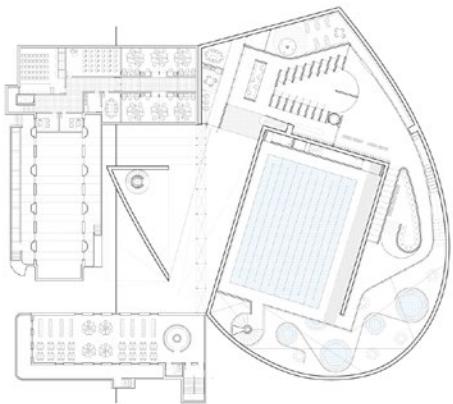
Unrolled Master Section Key



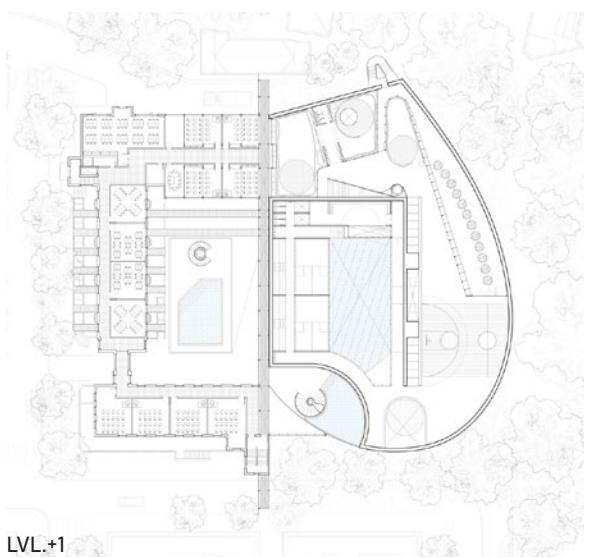


Body Movement

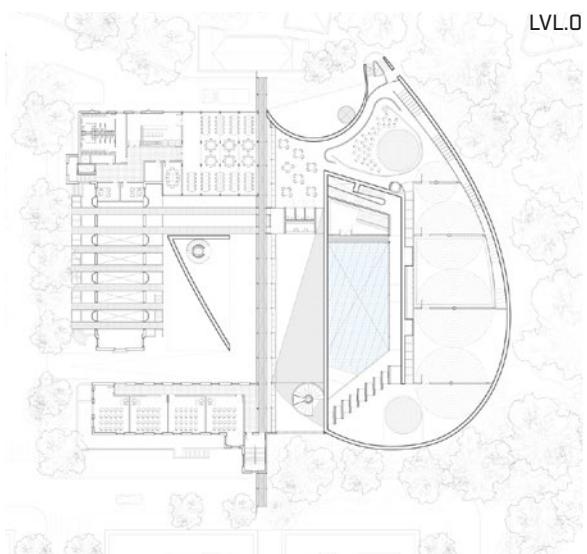
The primary move of splitting the existing building in half, and demolishing the northern side for the bath house, de-stabilizes the symmetry of the project. In the existing structure, a school inhabits the former 1930's hospital. The Pool House is accessed from two major points, one formal and one informal. From here the circulation paths begin to separate away from one another based on the three program trajectories - *Pool, Dance, and Fitness*



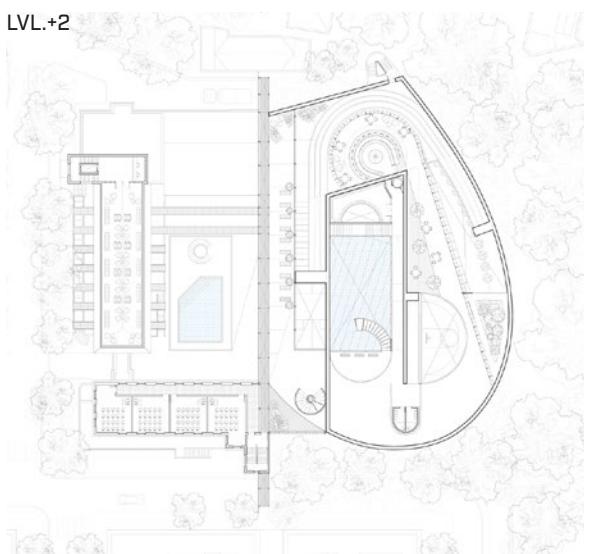
LVL.-1



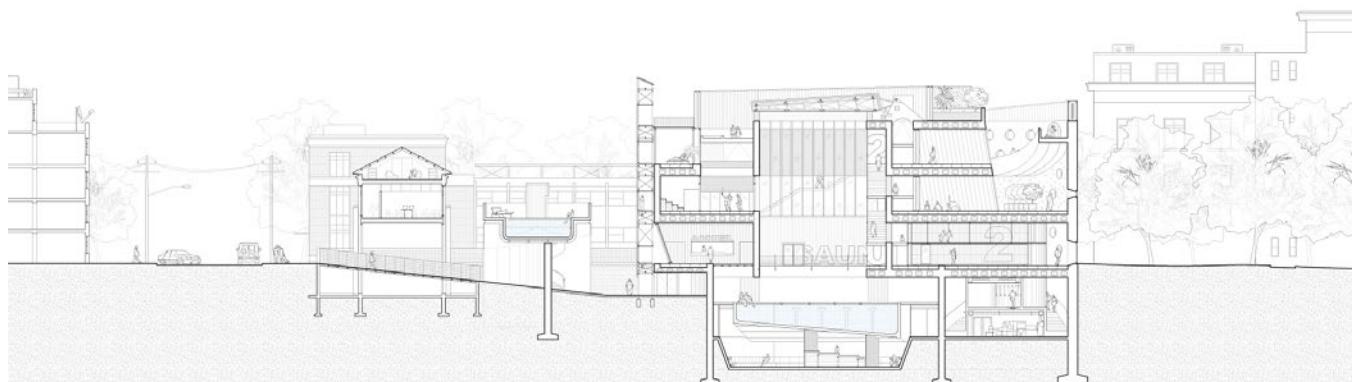
LVL.+1



LVL.0



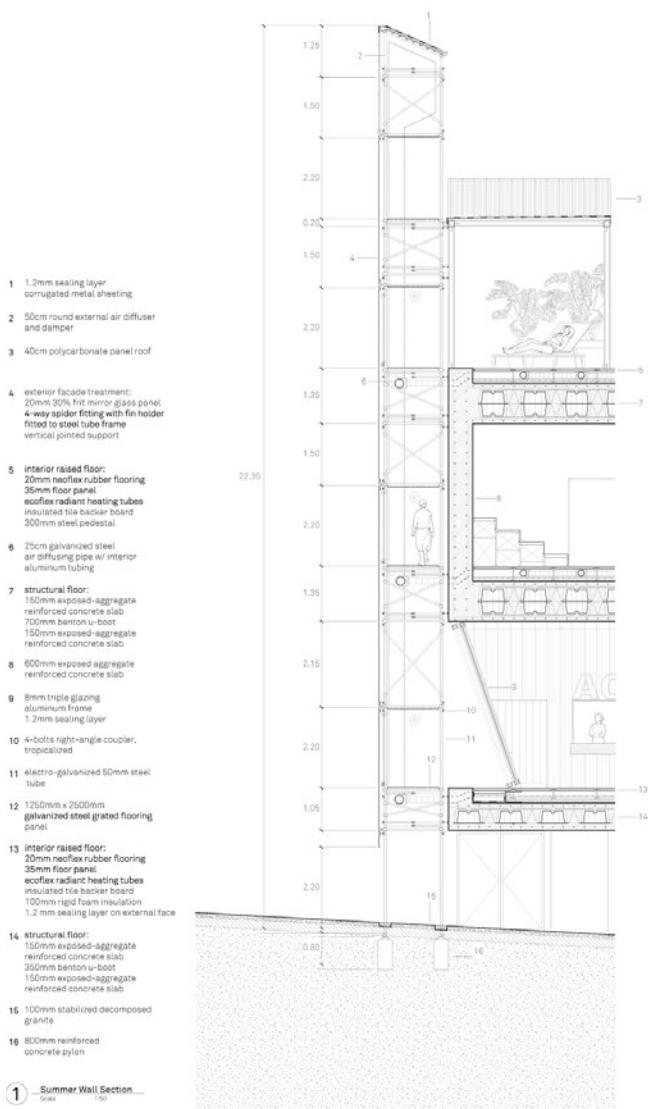
LVL.+2



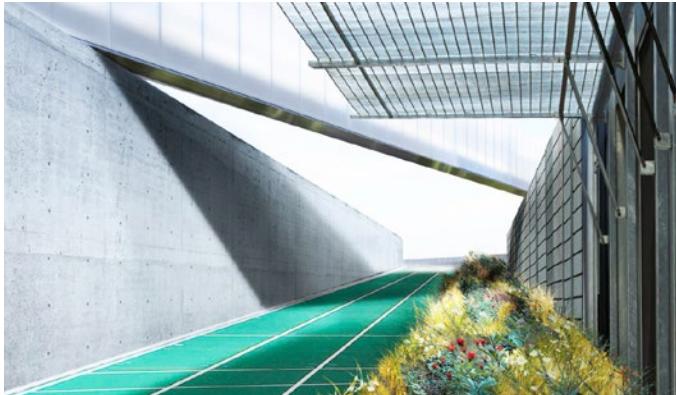
TRANSVERSE SECTION AA



SUMMER WALL DETAIL
AERIAL MODEL VIEW
JOGGING TRACK VIEW
WINTER WALL DETAIL

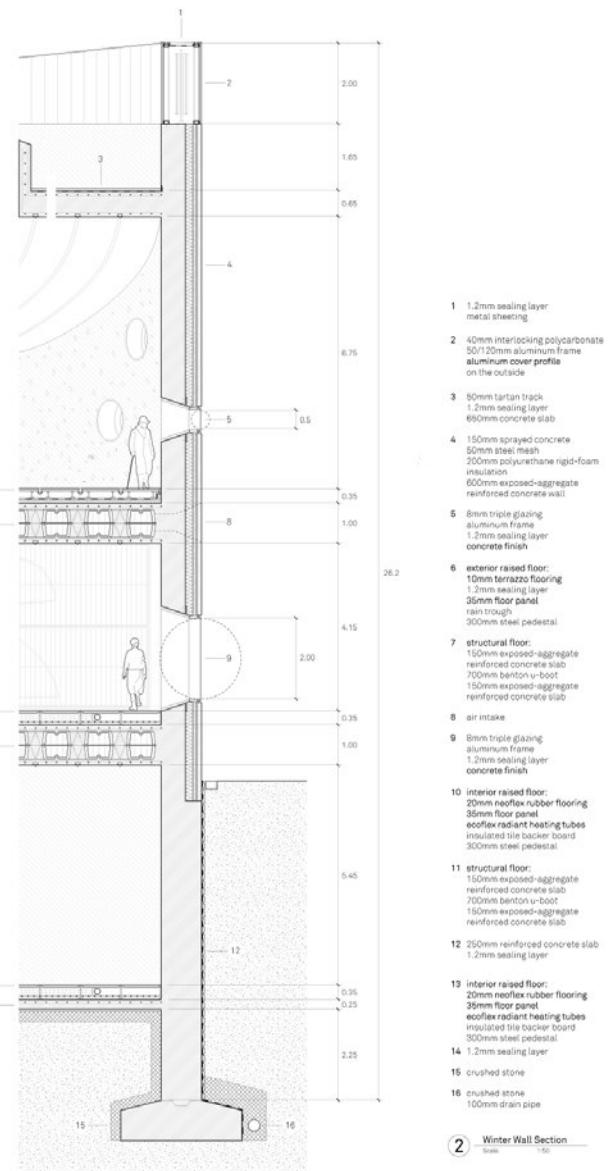


[Left]
[Middle Top]
[Middle Bottom]
[Right]

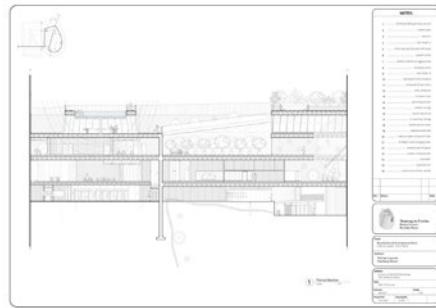
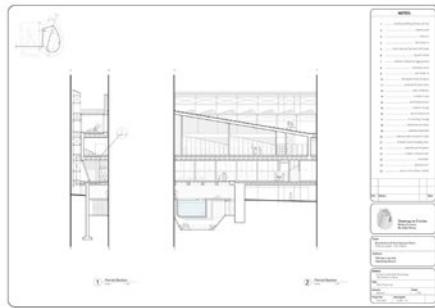
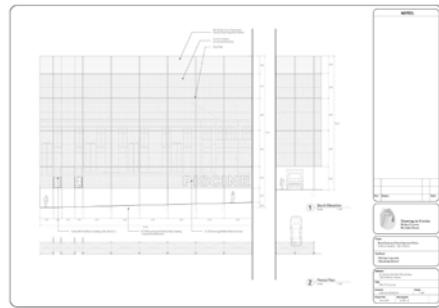
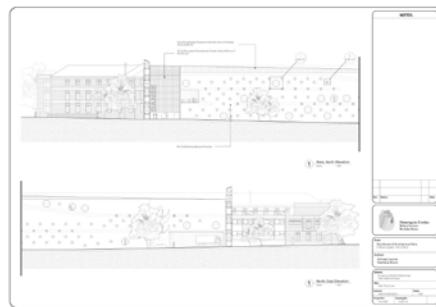
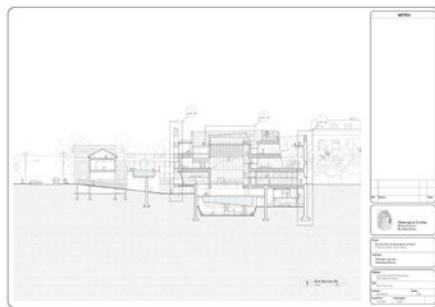
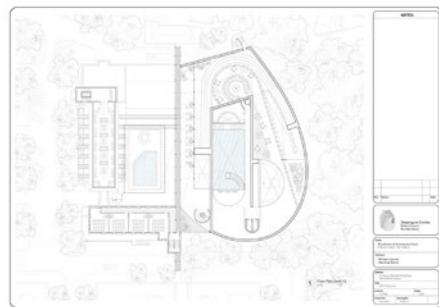
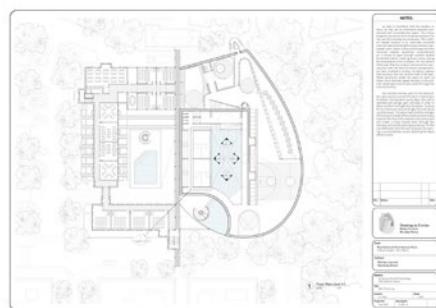
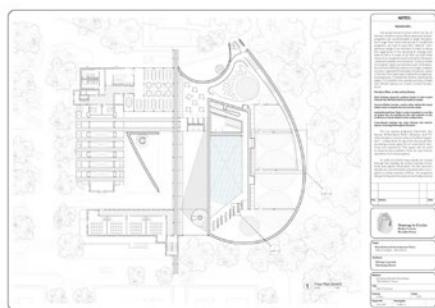
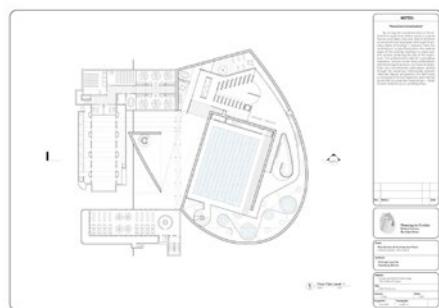
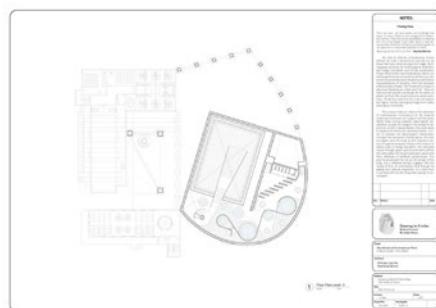
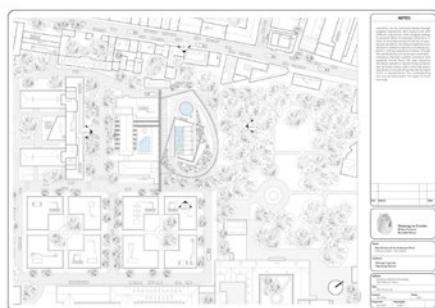


Systems Etc.

This project looks function within the flux of Parisian weather cycles. Because pool and sport programs can accommodate a larger temperature range than most commercial or residential programs, the "desired" temperature range is pushed to an extreme in order to allow the experience of the building to change with that of Paris.



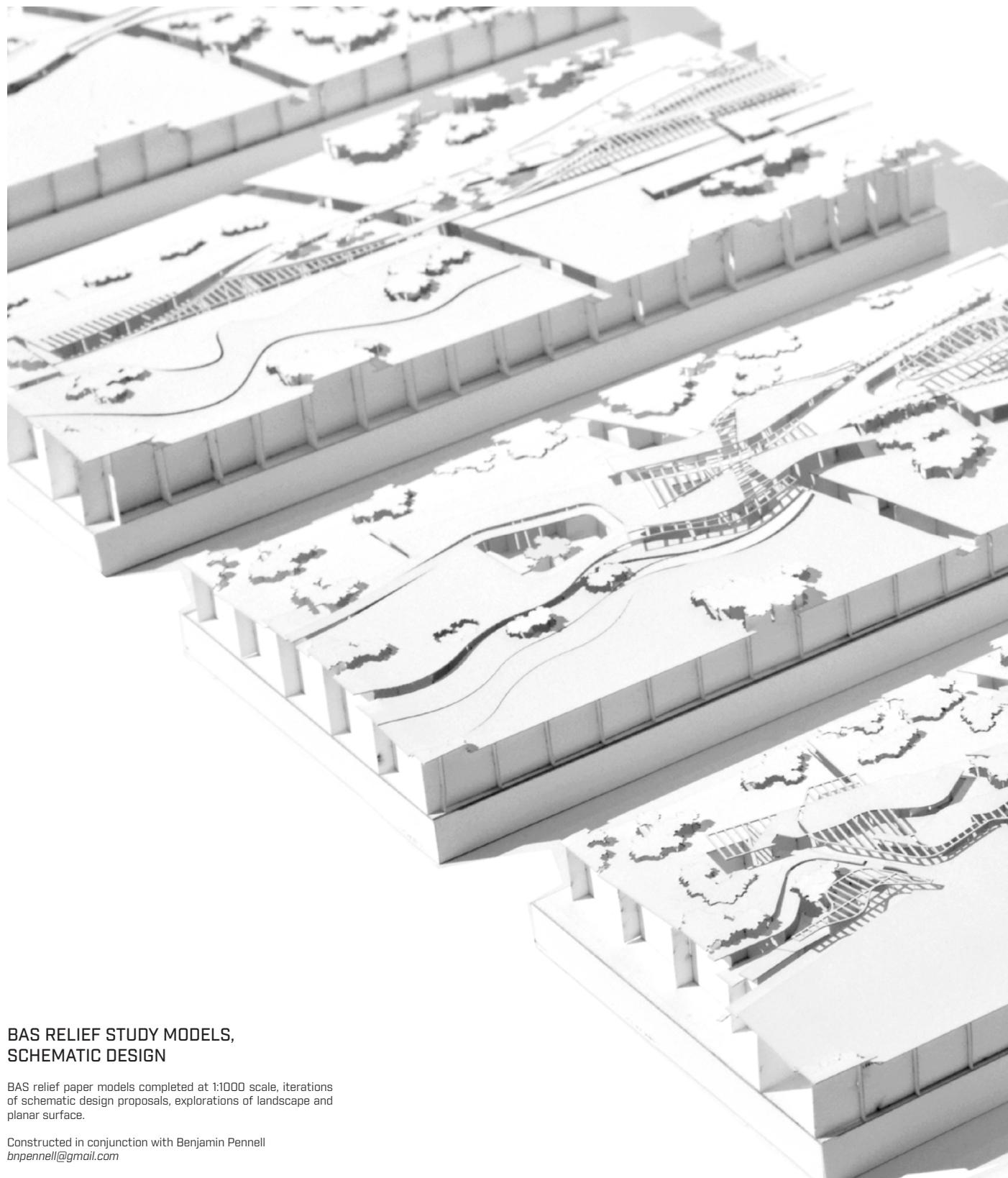
Program is layered in locations closer to or further from openings to allow the outside air to properly be "conditioned" before reaching the space. In order to control how outside air moves through the building, it utilizes a variety of material and spatial thresholds to isolate public space from the "extremes" of outdoor conditions.





The 23-page "Schematic Design" drawing set produced for *The House of Jealous Lovers*, including material call-outs, metric dimensions, and structural definitions.

Project completed in conjunction with Macaulay Brown // macaulay1994@gmail.com



BAS RELIEF STUDY MODELS, SCHEMATIC DESIGN

BAS relief paper models completed at 1:1000 scale, iterations of schematic design proposals, explorations of landscape and planar surface.

Constructed in conjunction with Benjamin Pennell
bpennell@gmail.com

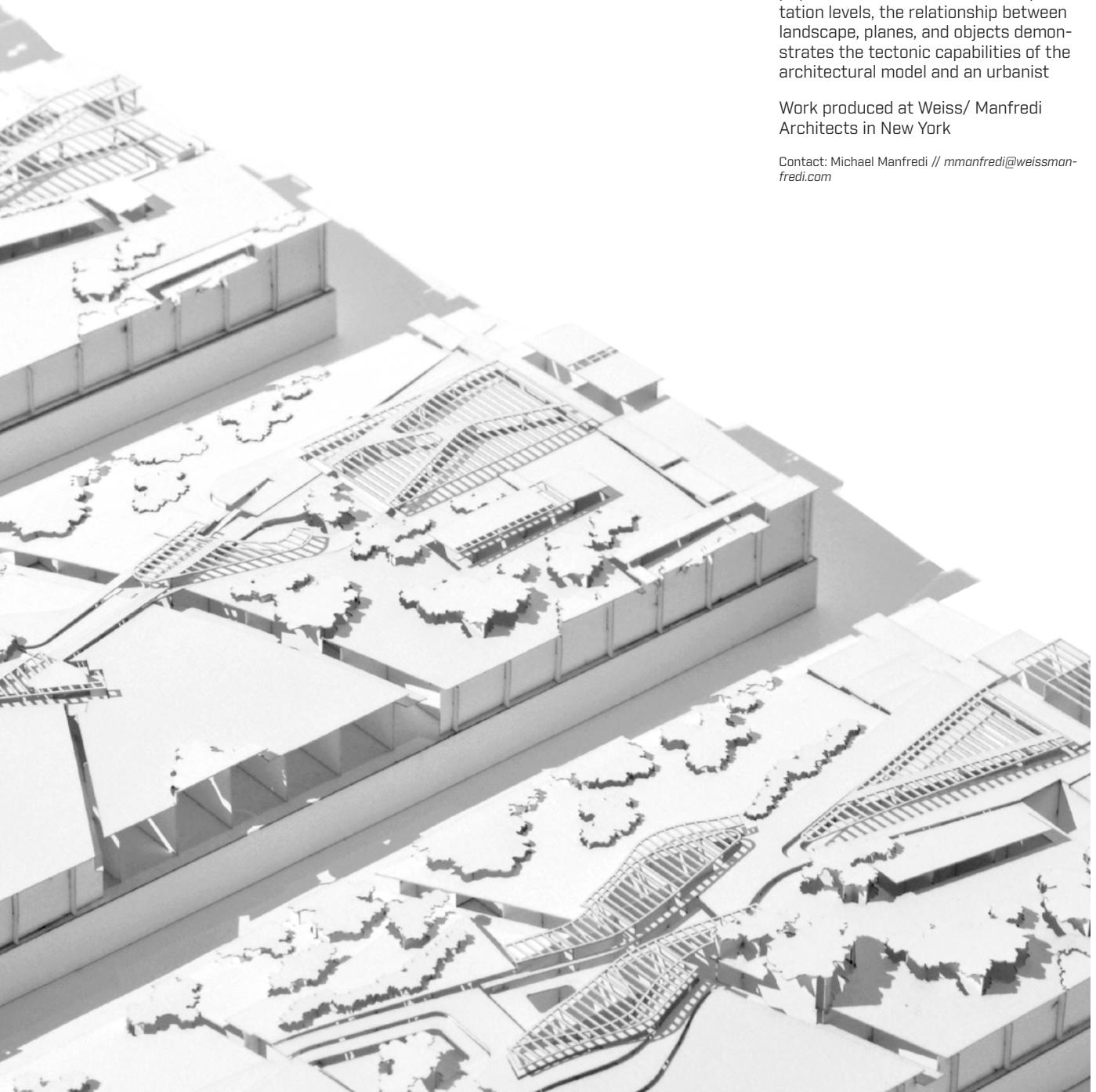
PROCESS IN RELIEF

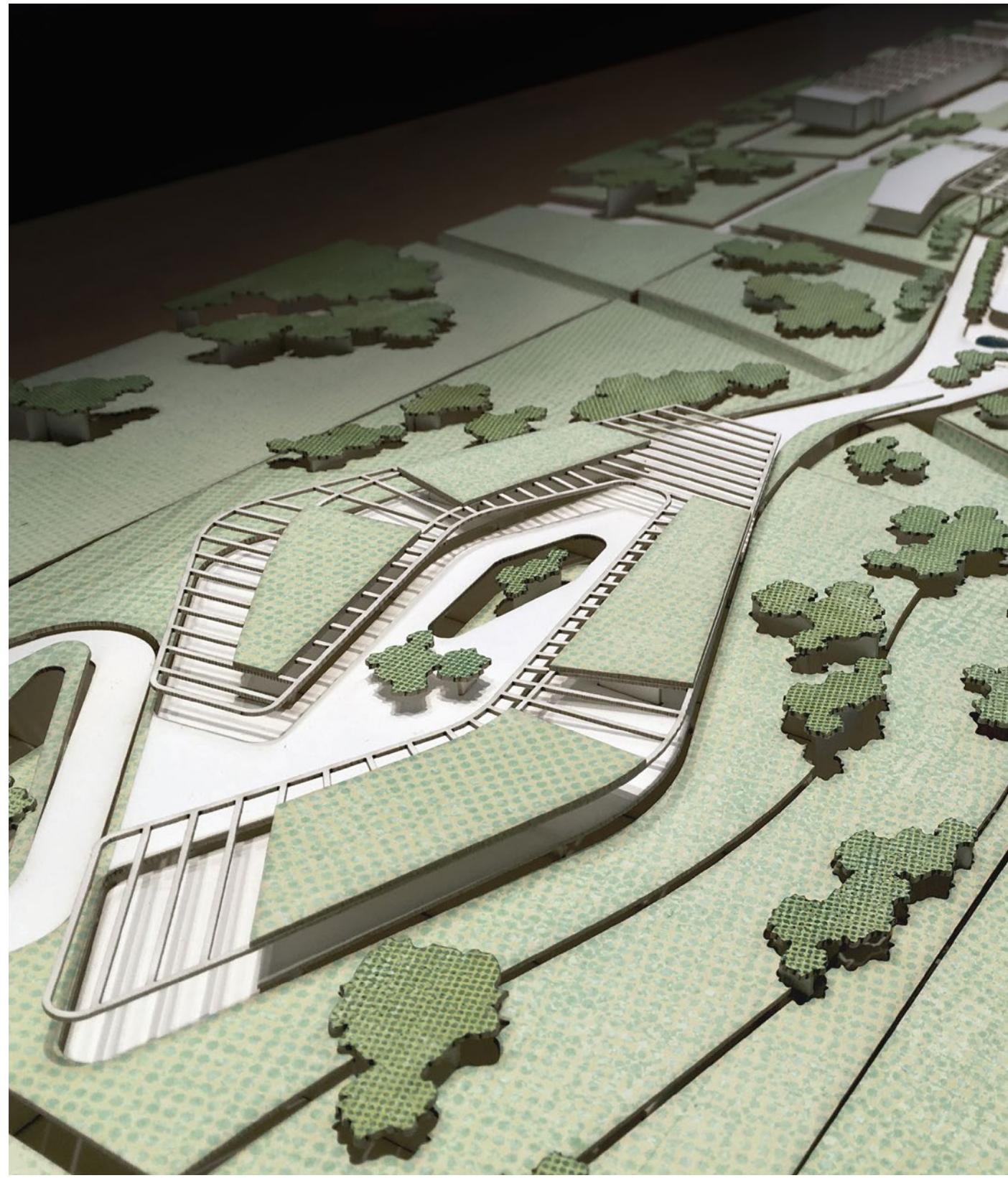
My professional work involves the translation of both conceptual and fully developed architectural projects into a language that is both communicable to clients and the public.

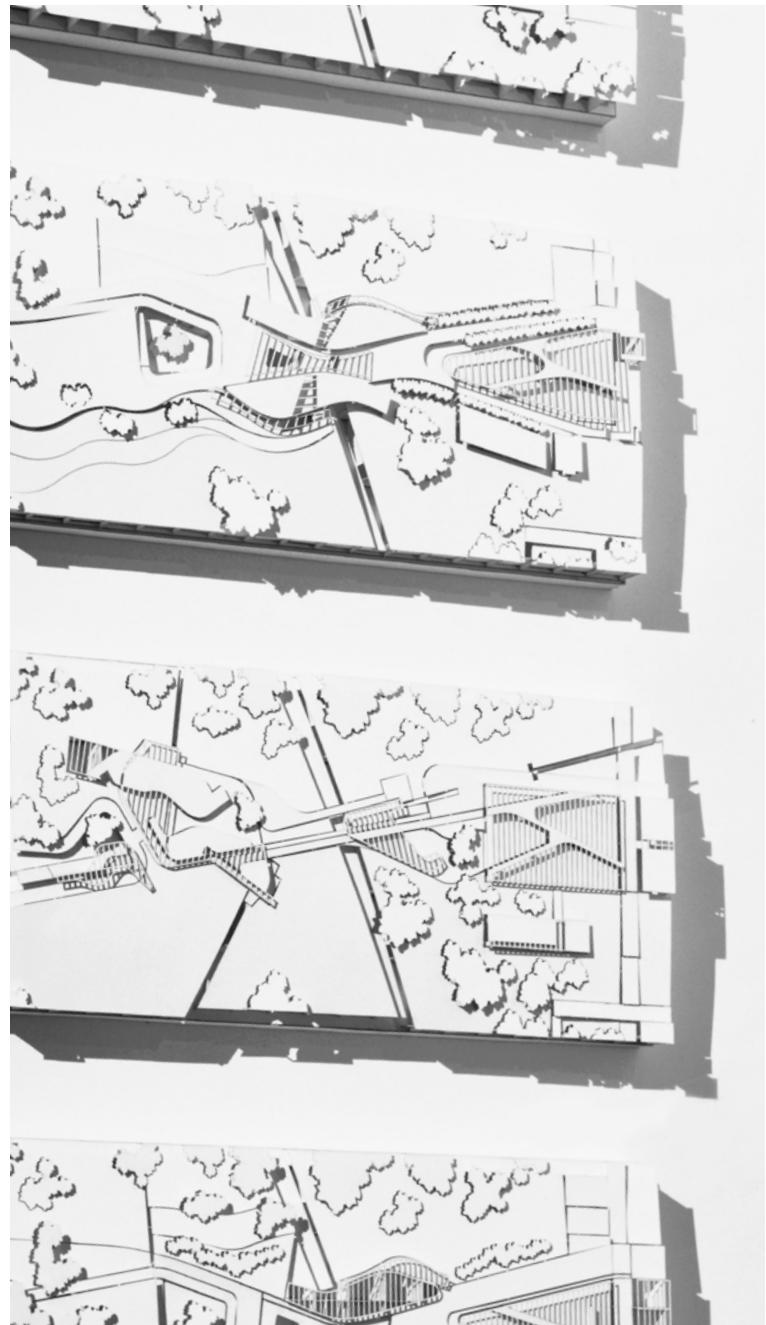
Working primarily in the production of physical models of all scales and presentation levels, the relationship between landscape, planes, and objects demonstrates the tectonic capabilities of the architectural model and an urbanist

Work produced at Weiss/ Manfredi Architects in New York

Contact: Michael Manfredi // mmanfredi@weissmanfredi.com



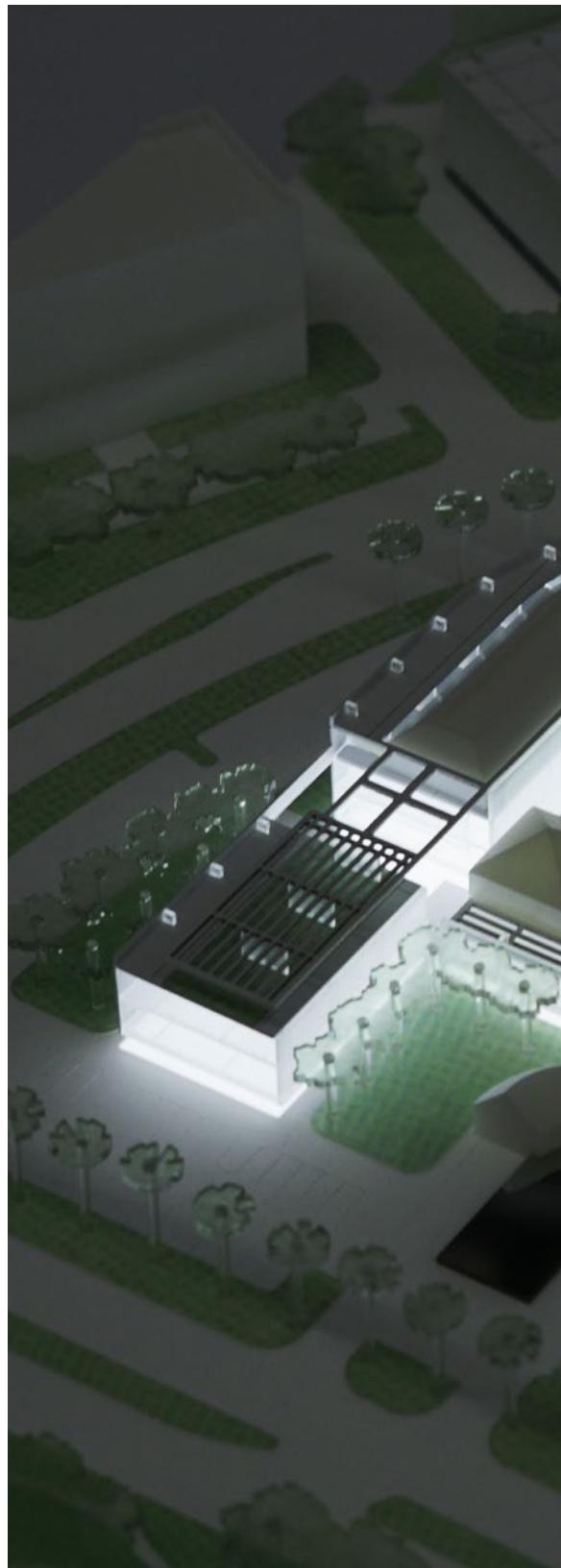
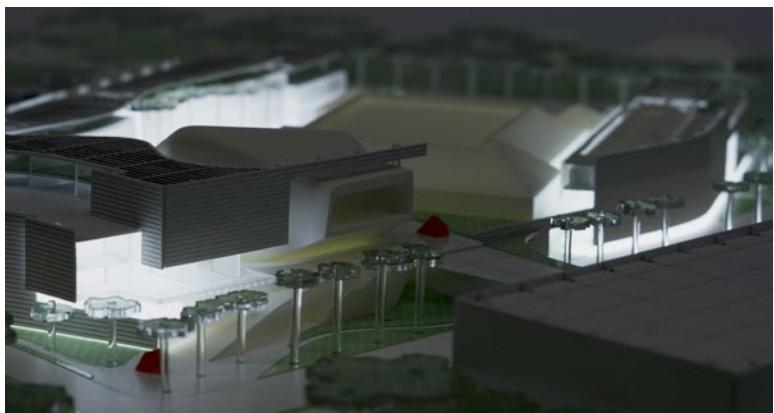
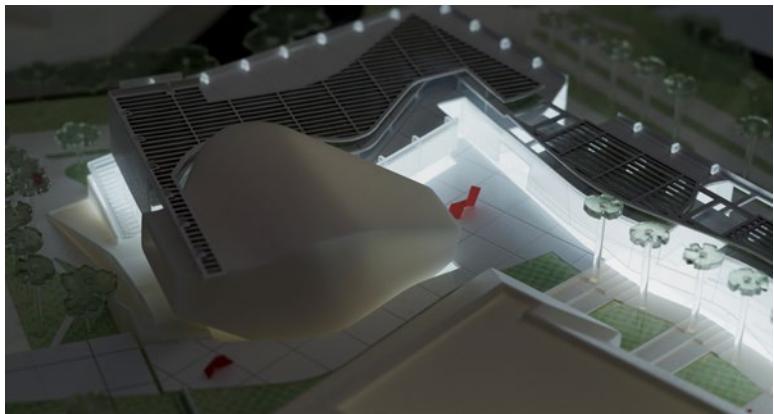




SCHEMATIC DEVELOPMENT, CLIENT PRESENTATION MODEL

An internally illuminated acrylic and resin-printed client presentation model, meant to highlight conceptual relationship between existing buildings, landscape, and the extension of a contextual urbanist gesture.

(Completed in house at W/M Architecture/ Landscape/ Urbanism.
Constructed in conjunction with Benjamin Pennell // bpennell@gmail.com



CONCEPT DESIGN, FINAL PRESENTATION MODEL

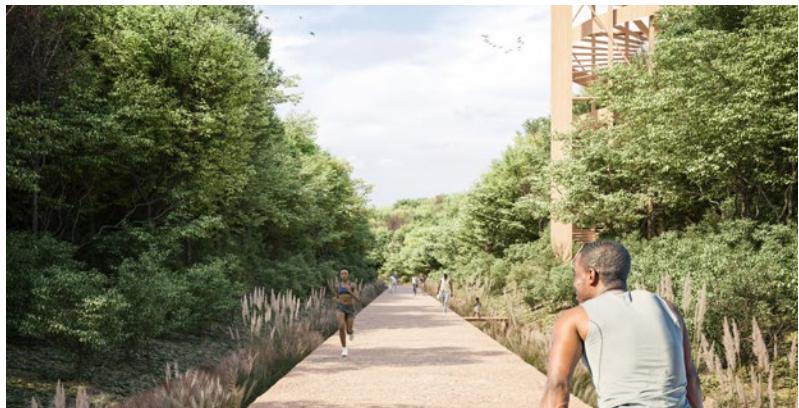
An internally illuminated acrylic and resin-printed client presentation model, meant to highlight conceptual relationship between existing buildings, landscape, and the extension of a contextual urbanist gesture. Project scope included 3D Rhino Model development, laser cutting and 3D resin printing, powder painting, fabrication and assembly.

(Completed in house at W/M Architecture/ Landscape/ Urbanism.
Constructed in conjunction with Benjamin Pennell // bpennell@gmail.com

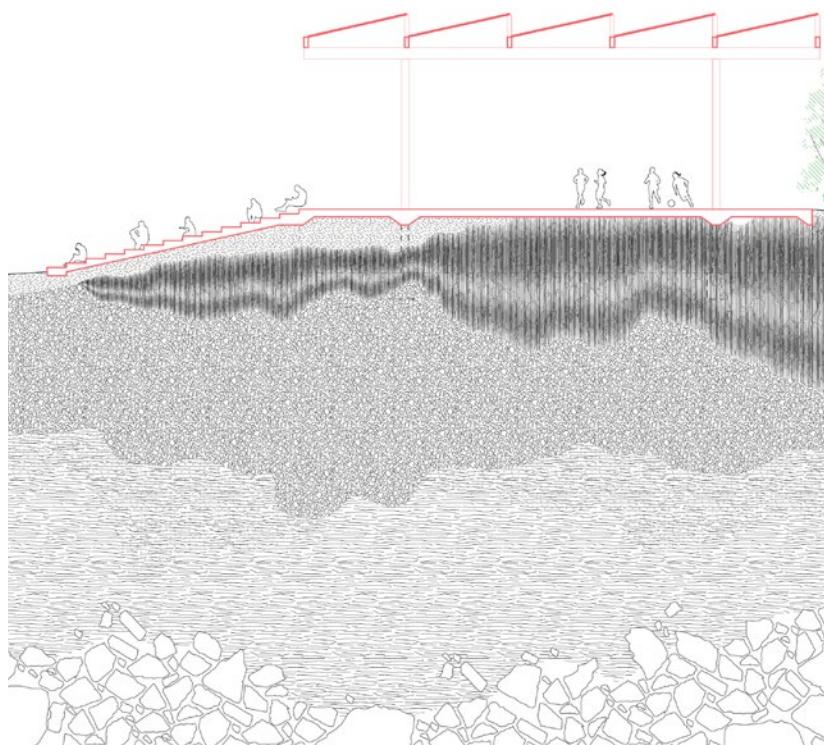


ARCHITECTURE OF THE GROUND

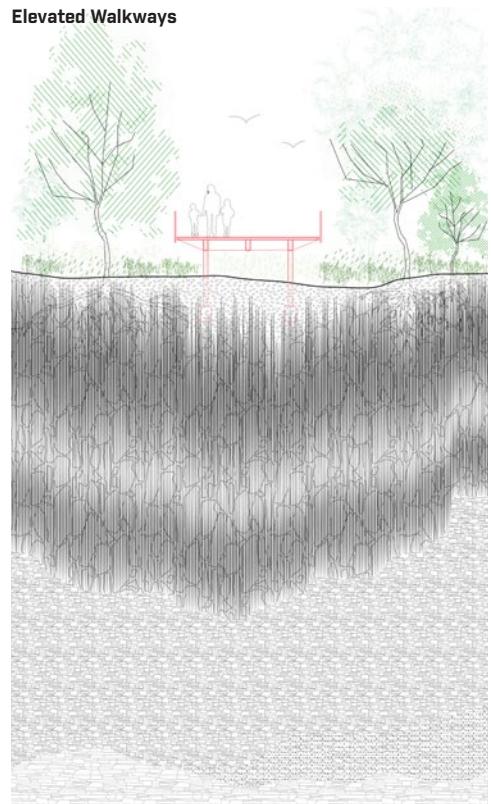
Work produced at TVK Architects in Paris, FR
Contact: Pierre Alain Trévelo, trevelo@tvk.fr



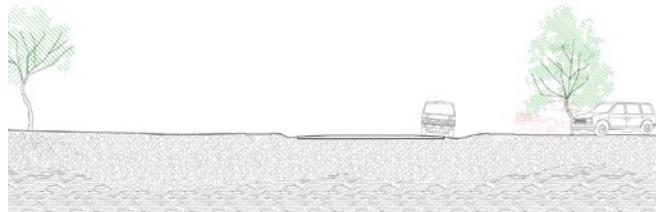
Covered Athletic Spaces



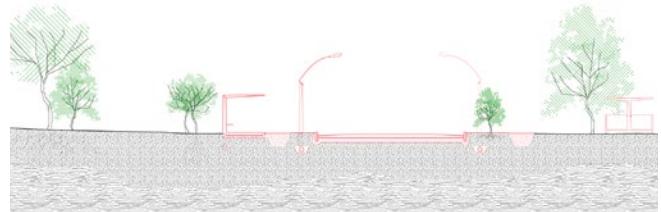
Elevated Walkways



Site Perimeter, Season 1



Site Perimeter, Season 2

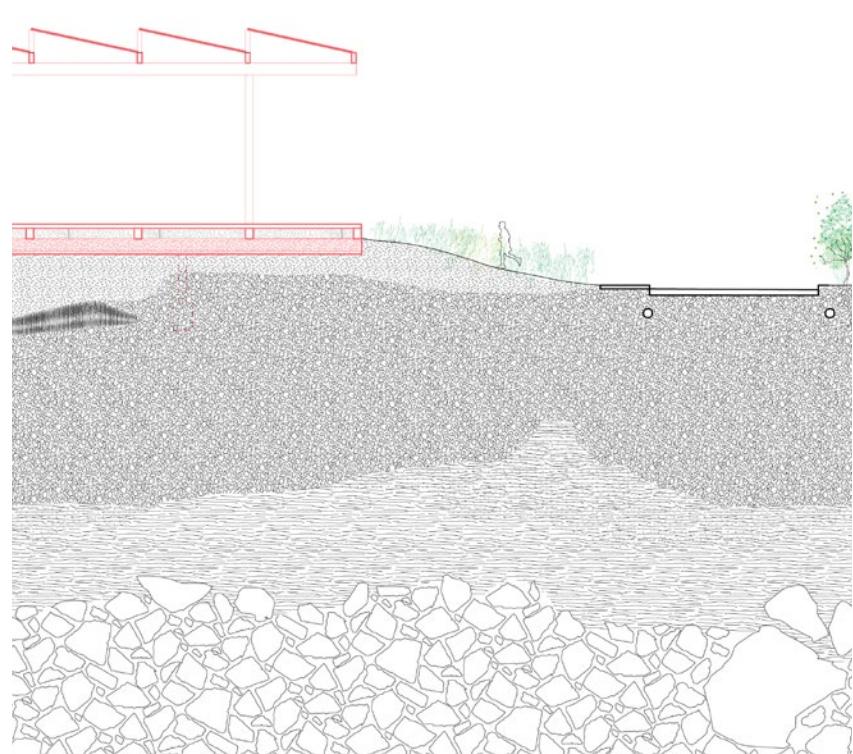
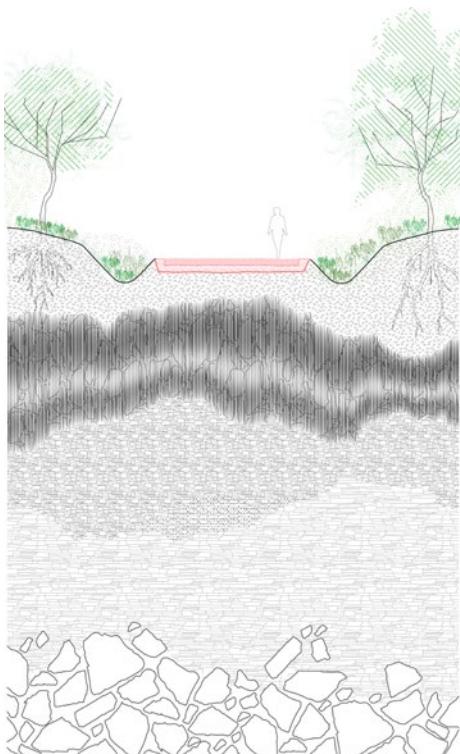




Sunnyside Landfill Redevelopment

A three “season” approach to the redevelopment of a former landfill in the Sunnyside neighborhood of Houston, Texas. The project centers around the renewal of a highly contaminated soil, to transform a derelict and toxic parcel of land into a functional, informative and energy-innovative contribution to the community.

Landform Soil Mitigation



Temporary facilities accommodate community services.

New bus shelters are installed

Green Street lighting is introduced

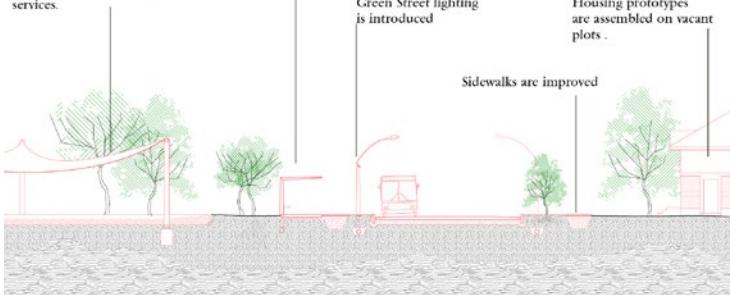
Housing prototypes are assembled on vacant plots.

Sidewalks are improved

Site Perimeter, Season 3

A Ground-Oriented Approach

Tethered to the ground, our project generates a “productive” soil out of a formerly toxic wilderness. Rich, habitable forest and active, social spaces emerge in a strategy targeting the ground plane. Social services and infrastructural improvements radiate outwards from the site’s perimeter.

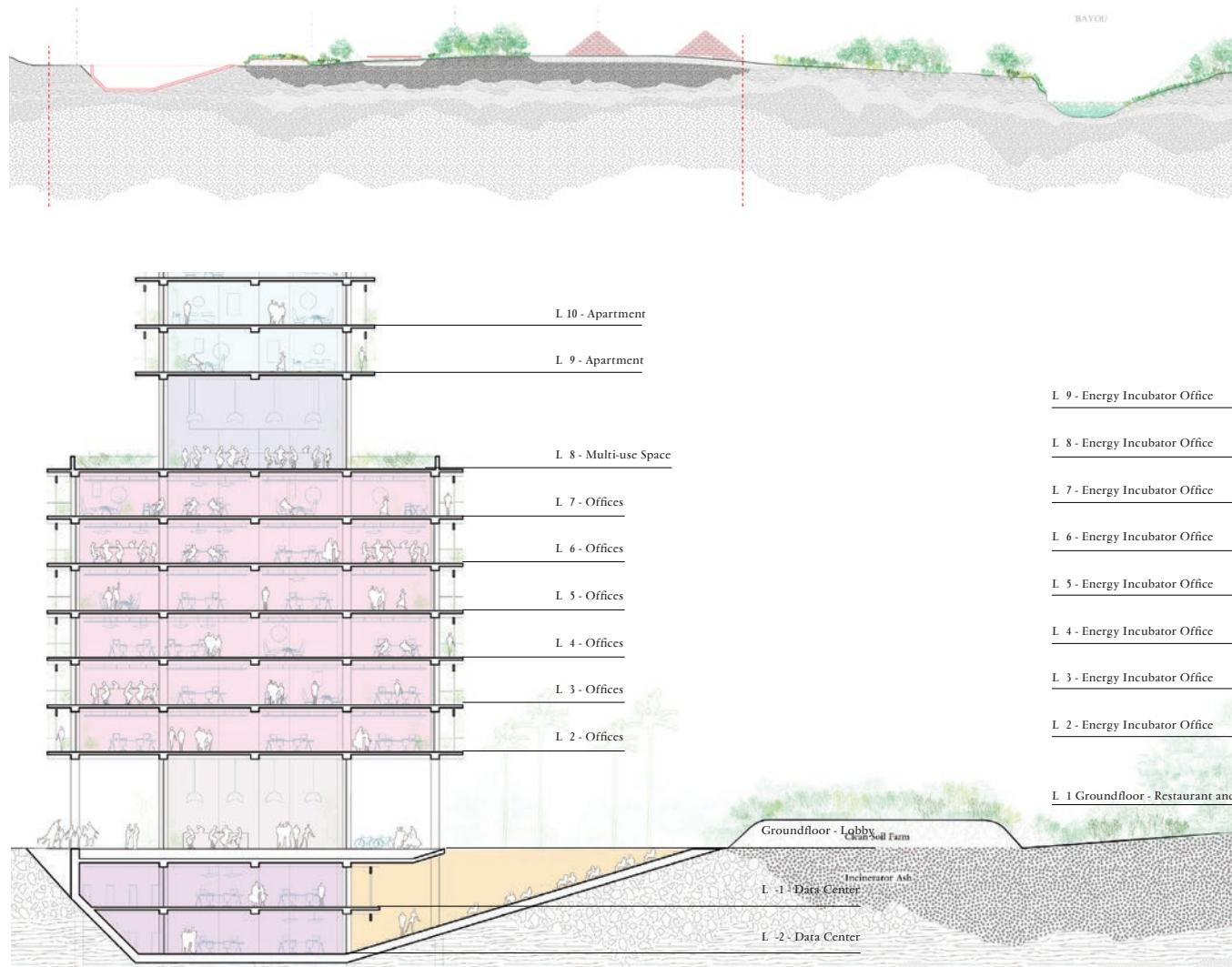


Velasco Incinerator Redevelopment

A three “season” approach to the redevelopment of a former waste incinerator in Houston, Texas, adjacent to the Buffalo Bayou. Taking the form of a mid-rise “Energy Incubator” and research building, high-rise timber office and housing, and a performative earthen mound meant to socialize and celebrate the renewal of the ground.



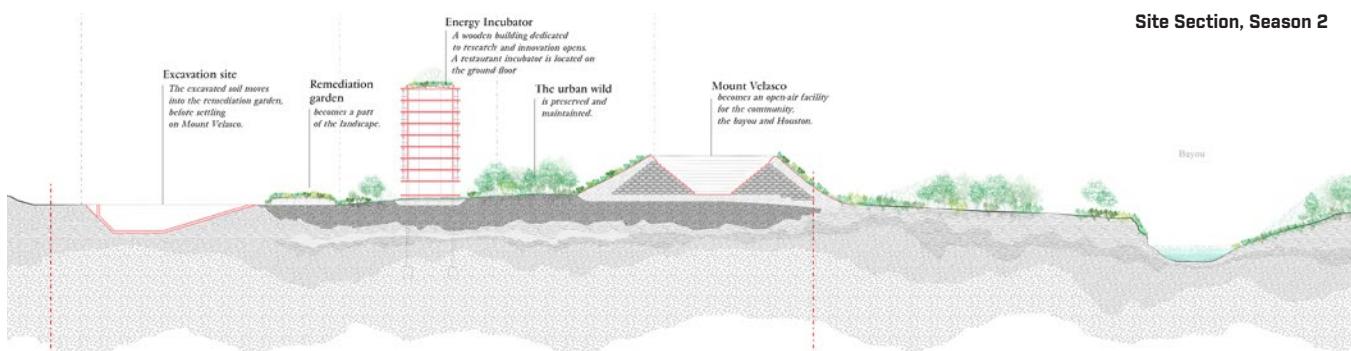
Site Section, Season 1



**Site Phasing,
Season 1-3**

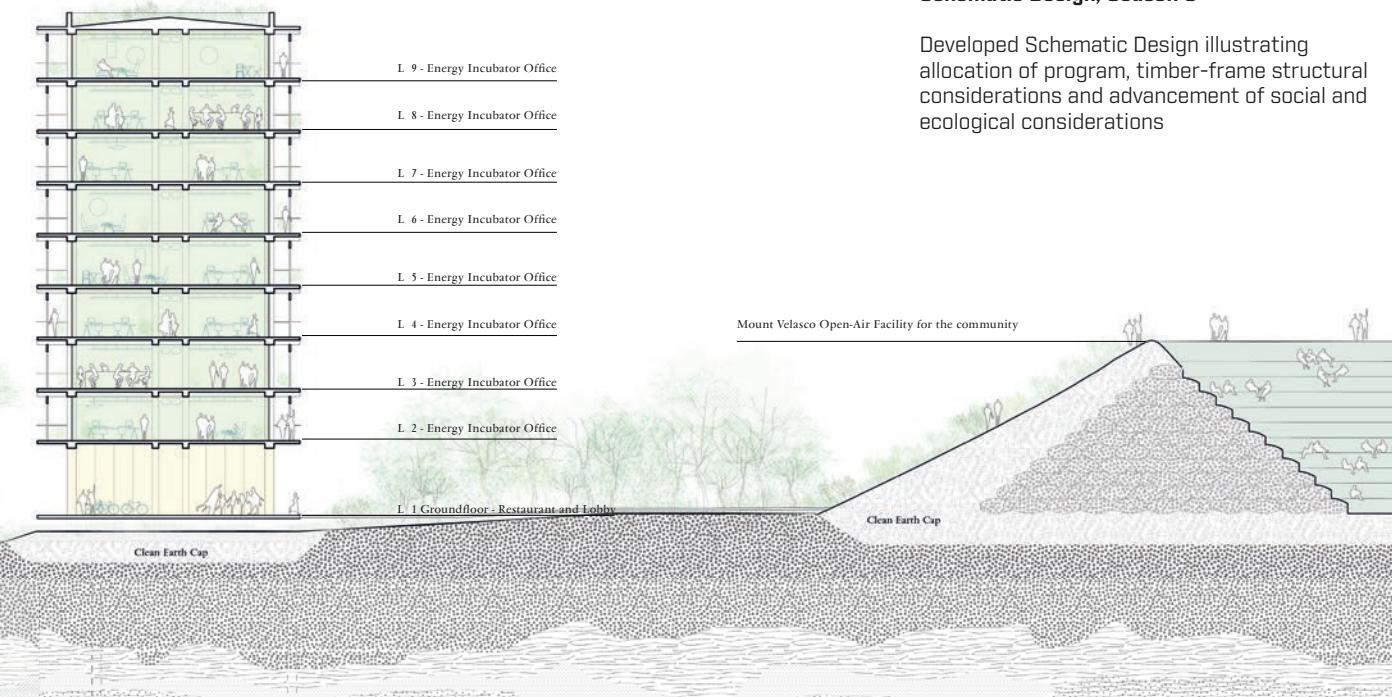


Site Section, Season 2



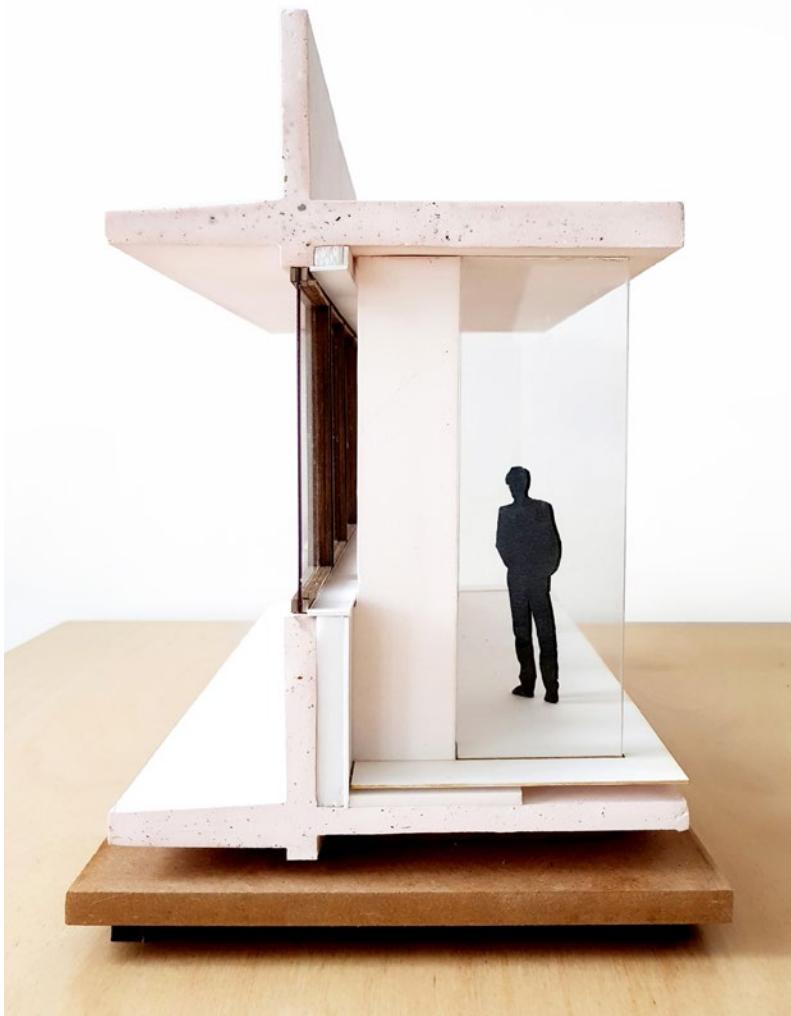
Schematic Design, Season 3

Developed Schematic Design illustrating allocation of program, timber-frame structural considerations and advancement of social and ecological considerations





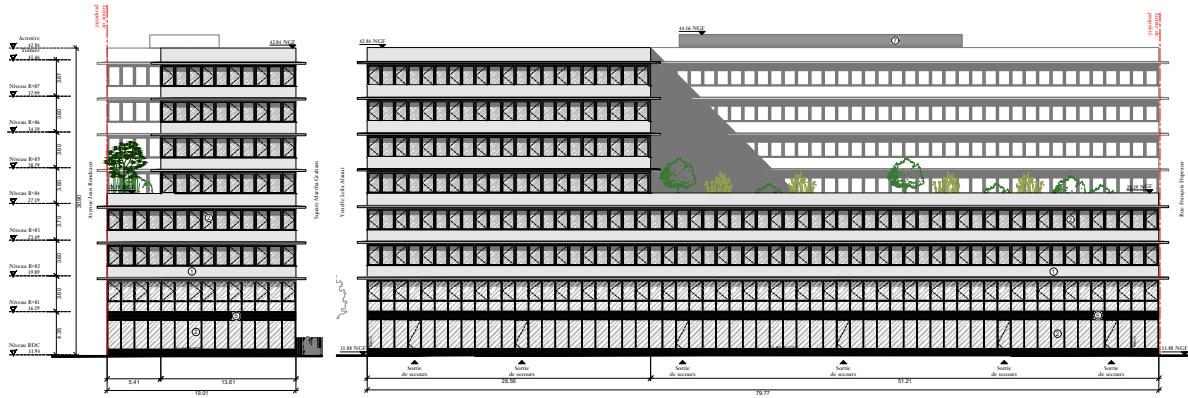
A MODEL BUILDING



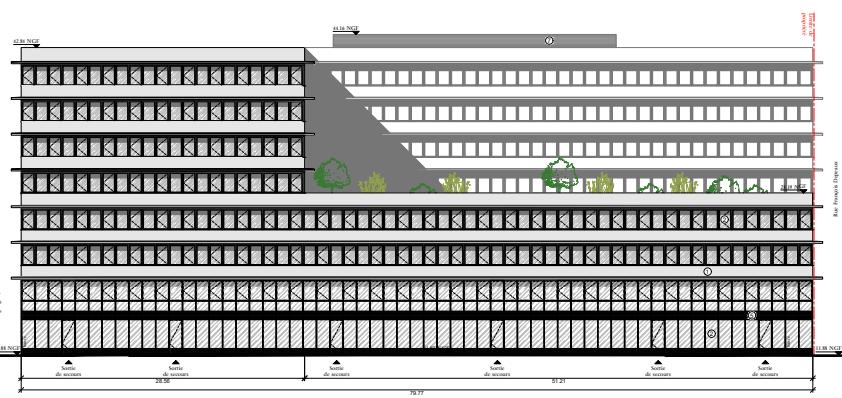
Work produced at TVK Architects in Paris, FR
Contact: Pierre Alain Trévelo, trevelo@tvk.fr

CLIENT MODEL, Rouen Ecoquartier Flaubert

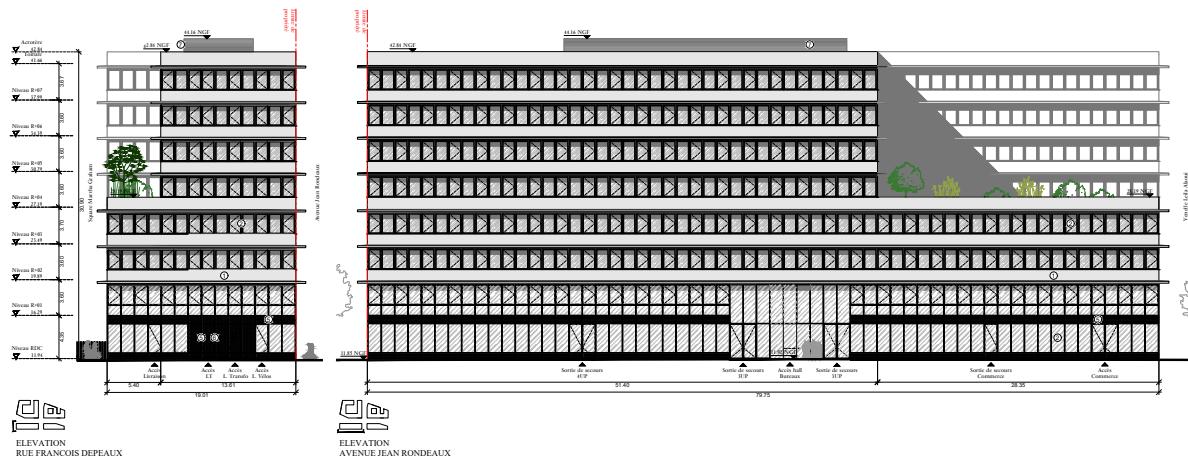
A plaster cast facade and interior study meant to highlight tactile, and light-catching qualities of concrete construction, as well as demonstrate human scale relative to window framing module. Project scope included 3D Model development, laser cutting and plaster casting, fabrication and assembly.



ELEVATION
VENIELLE LEILA ALAOUI



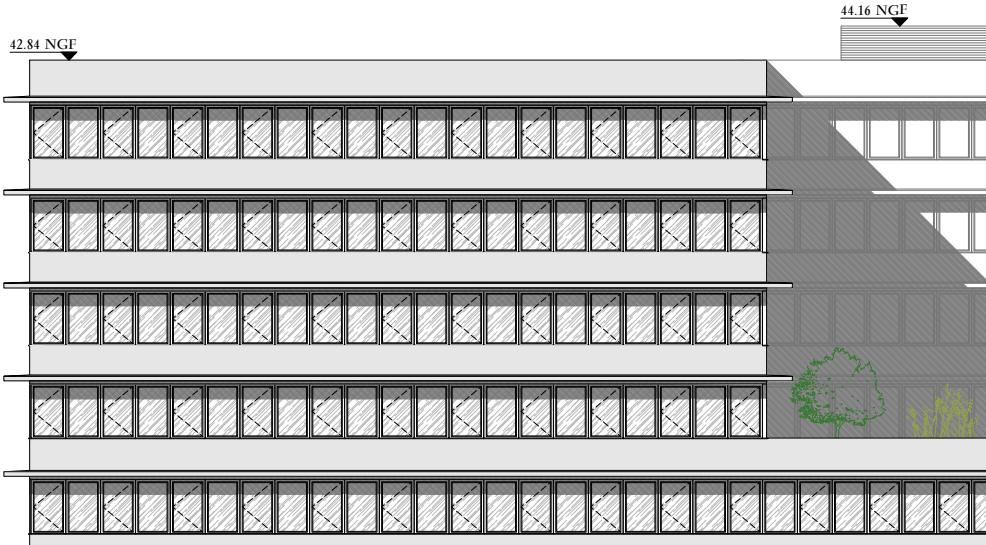
ELEVATION
SQUARE MARTHA GRAHAM



ELEVATION
RUE FRANÇOIS DENEUX



ELEVATION
AVENUE JEAN RONDEAUX



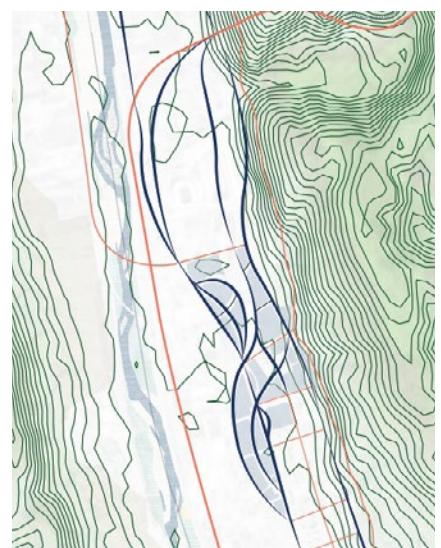


AN URBAN ECOQUARTER

Work produced at TVK Architects in Paris, FR

Contact: Pierre Alain Trévelo, trevelo@tvk.fr

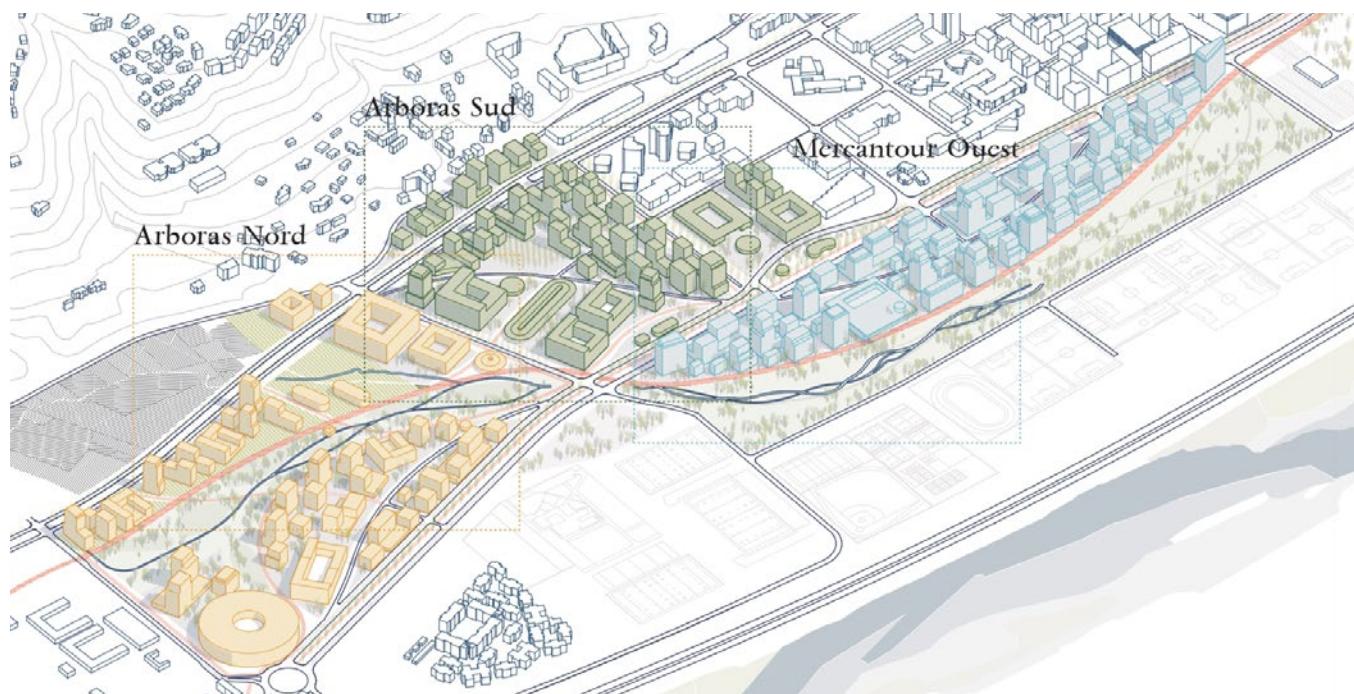
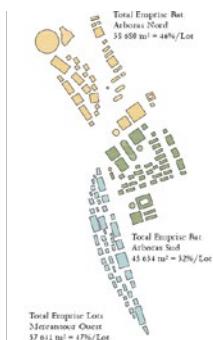
The development of a new Eco-quarter in this French city, focused around a river invited us to build an urban space compatible with the local ecology. The history of the plain highlights an ongoing dialogue between humanity and the river, to control hazards and set up human activities. The controlled urbanization of valley must register in this historical interaction between the man and nature. Our approach, necessarily territorial, preserves and amplifies an exceptional site while deploying new qualities in the valley and the surrounding metropolis.



RIVER & URBAN FLOW IN SYNC



URBAN STRATEGY, Phasing, Massing & Green Space







FREE FORM

Location: Houston, TX, USA

Site: Midtown District

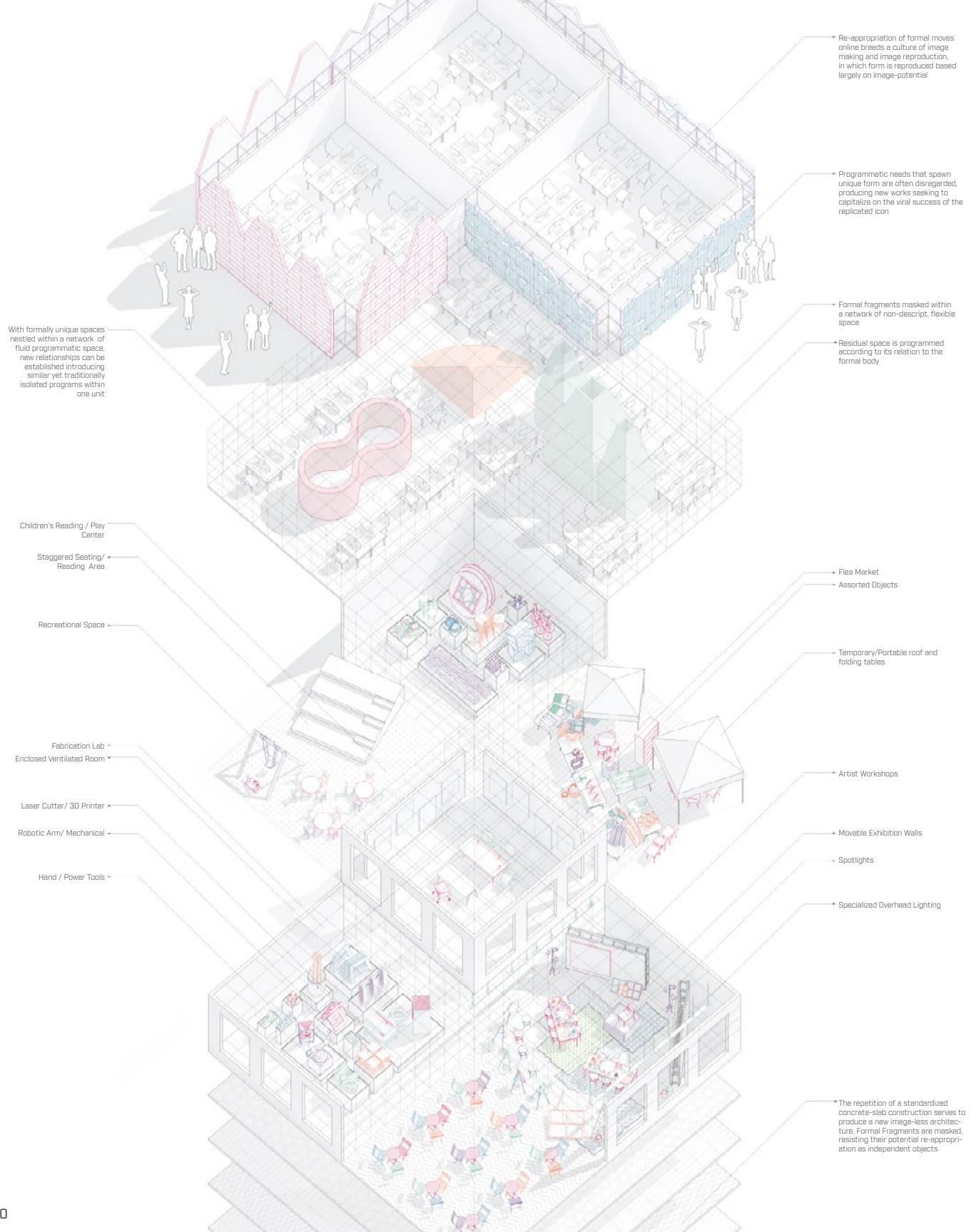
Program: Community Center/
Office

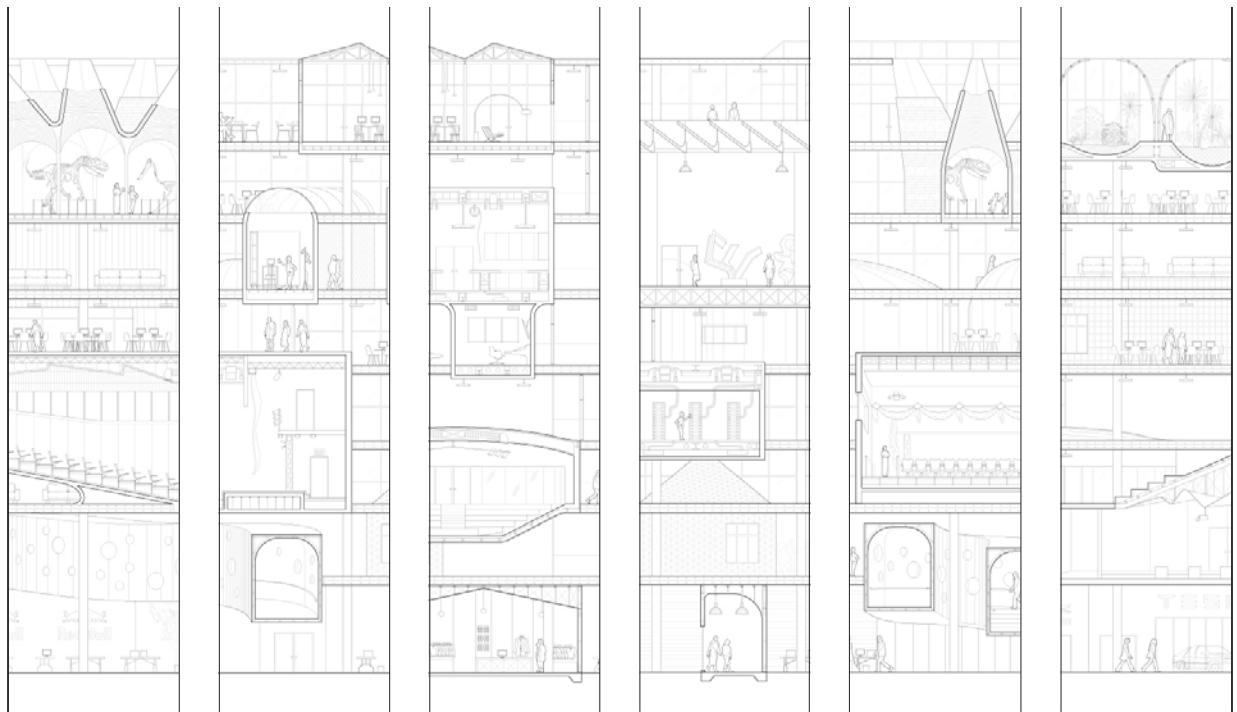
Area: 161,000 sq.ft/ 15,000m²

Task: Utilize building fragments, details, and formal gestures in plan and section from precedent studies to construct a functional mixed-use building with hybrid programmatic relationships

The intention of this project is to counter the nature of lost specificity in re-appropriated form, by proposing a system in which building profiles are generated and hidden to avoid re-branding as an image to be disseminated on the virtual marketplace. By utilizing a standardized system of concrete slab construction, one of the “typical” construction practices in the global city, the formal gestures and internal specificities nestled within the system are shielded from a superficial level of formal re-appropriation.

Operating around these spaces are uses not beholden to a specific architectural or spatial system, programs in which the “generic” system is in fact the best template. Within these forms, specific programmatic areas are created that are inherently operating under the architectural bounds in which they exist. The intention is to create a combination of cultures, the operation of the specific and the flexible, the generic and the hyper formal within one building.

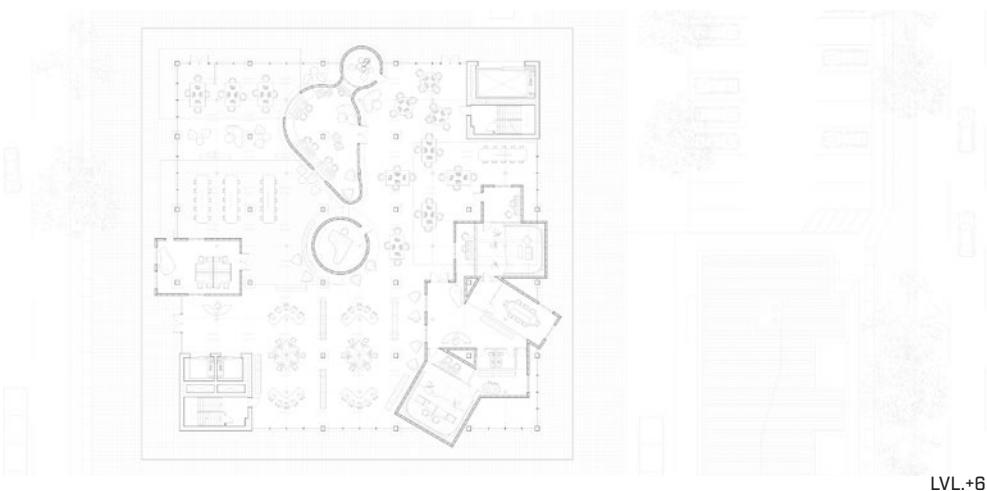




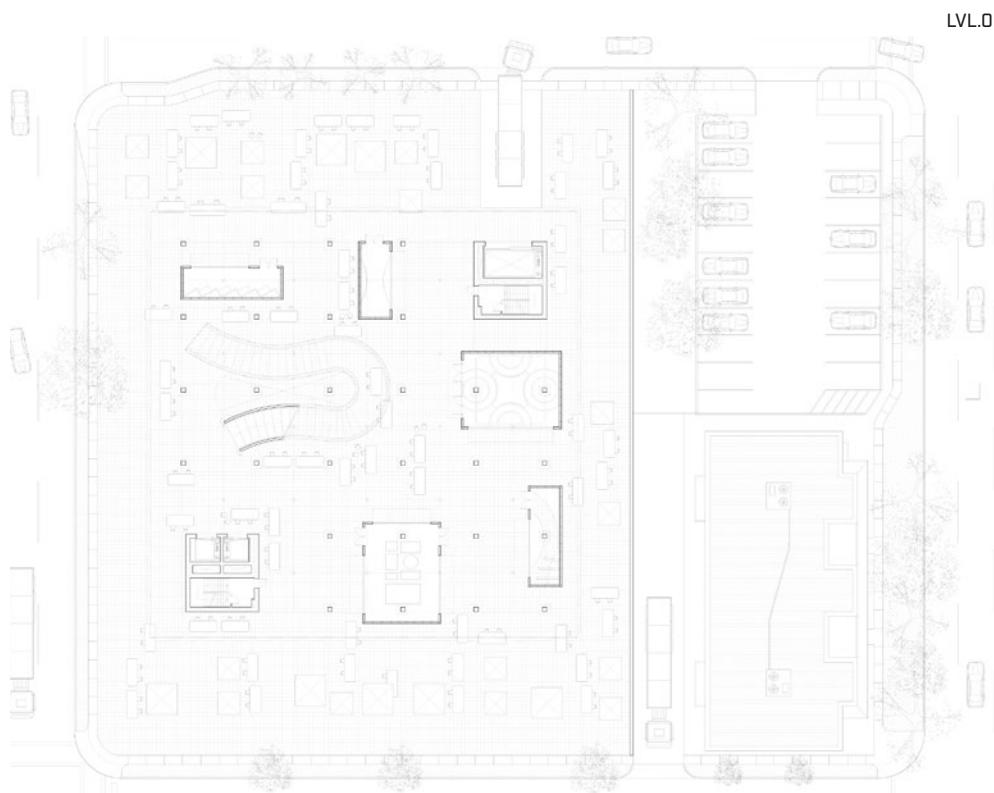
TRANSVERSE SECTION AA

In section, formally distinct fragment spaces are cast within the 8 story vertical array of concrete slabs, simultaneously sheltering them from direct street-side view but also providing the opportunity to float these volumes within the system, irrespective of the

standardization provided by the slabs. Here, plateaus and double height spaces, balconies and lowered ceiling heights serve to provide a these object's functions, even from the outside of their programmed space.



LVL.+6

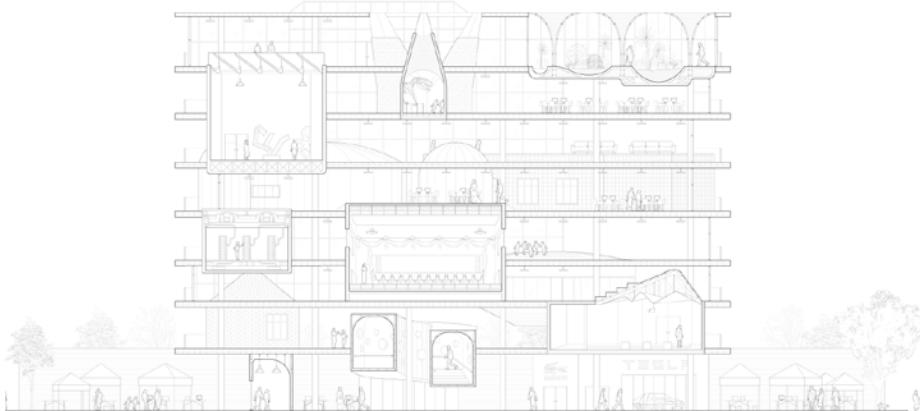


LVL.0

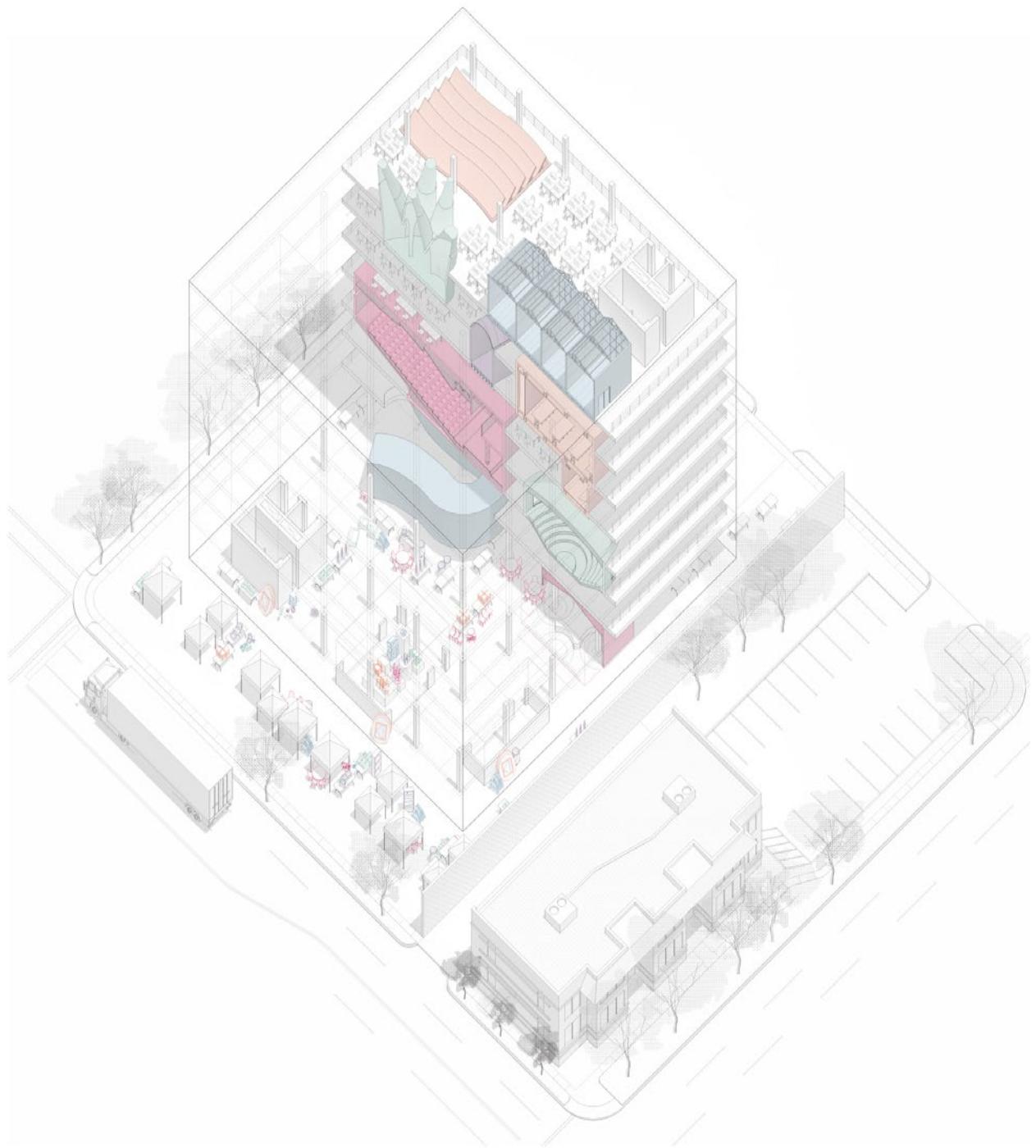


Field Condition

In plan, the project inserts formally unique objects in such a manner as to introduce variety to a system of unprogrammed exterior space. These objects, including circulation cores, stairways, and specially programmed volumes generate variety which diversifies a conventionally repeating floor plan of the repeated concrete slab, allowing for moments of discovery and unanticipated interaction of programs and user types.



TRANSVERSE SECTION BB



SECTION ISOMETRIC



CLIFF FACE



Location: Lima, Peru

Site: Antonio Raimondi Park, Miraflores

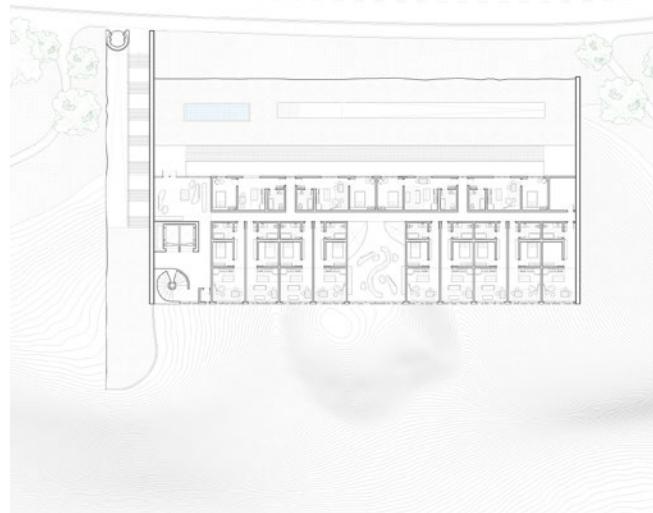
Program: Centre for Andean Tourism

Area: 86,000 sq.ft/ 8,000m²

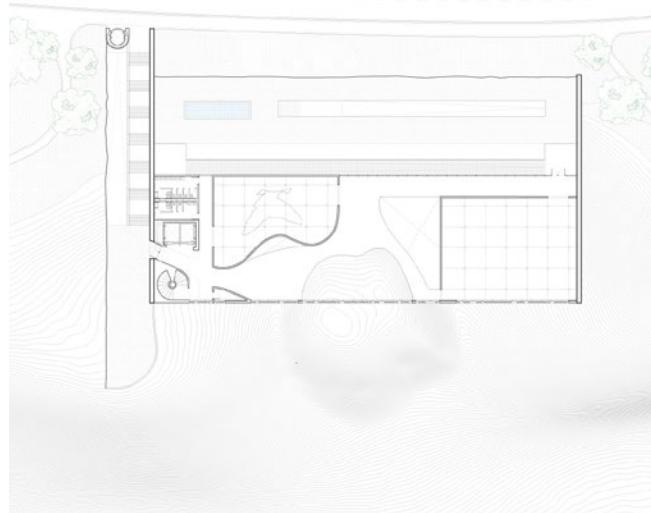
Task: Respond to a highly specific and delicate context, establishing a museum as both a response to, and a celebration of, the geologic and cultural legacy of the Andes Mountains.

The primary mission for this project is to generate a building which can illicit, through the sheer experience of an individual being within it, a physiological connection to the Earth. More specifically, this project maximizes the potentials of its location not through exploitation of awe inspiring waterfront views, but for the power generated by the opposite gesture - a retraction inwards, an excavation into the very bedrock of the cliffs.

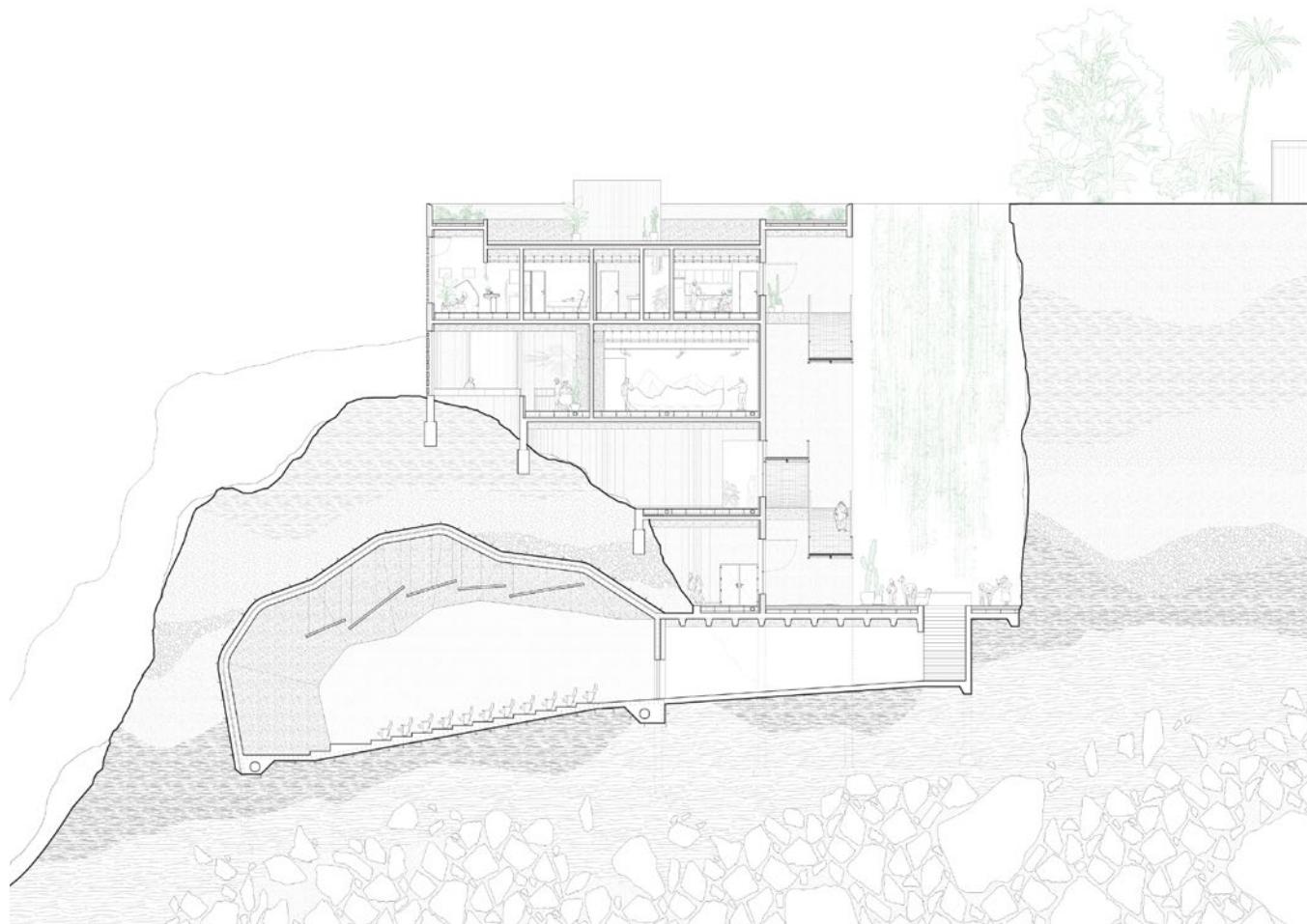
A building which strives to be a centre of regional art, food, and culture in a global city, CLIFF FACE embeds itself into the geological footprint of Latin America, turning its visitors away from the cacophonic global nature of the Lima megalopolis, and allows for a more subtle, subdued appreciation for the histories - both geological and cultural, which this centre seeks to preserve and celebrate.



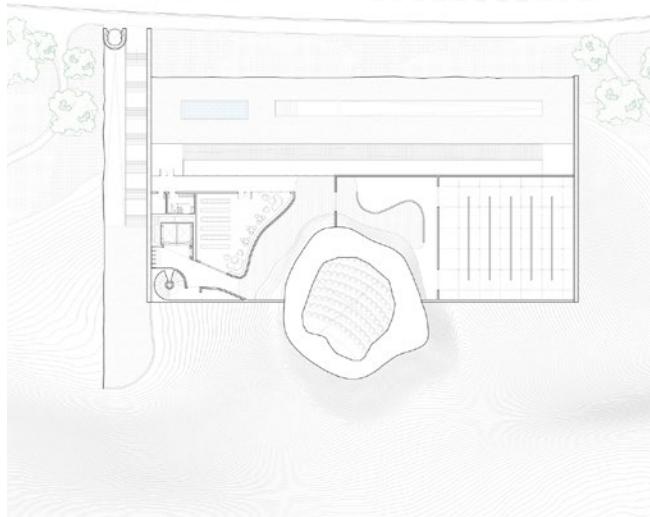
LVL.+3



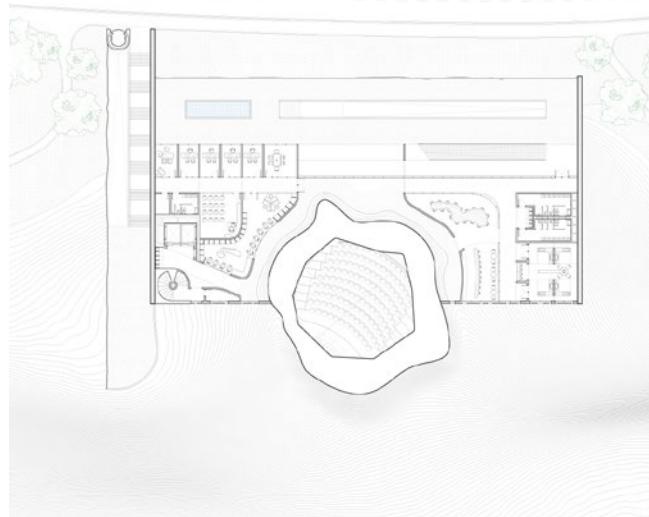
LVL.+2



CLIFFSIDE CROSS SECTION



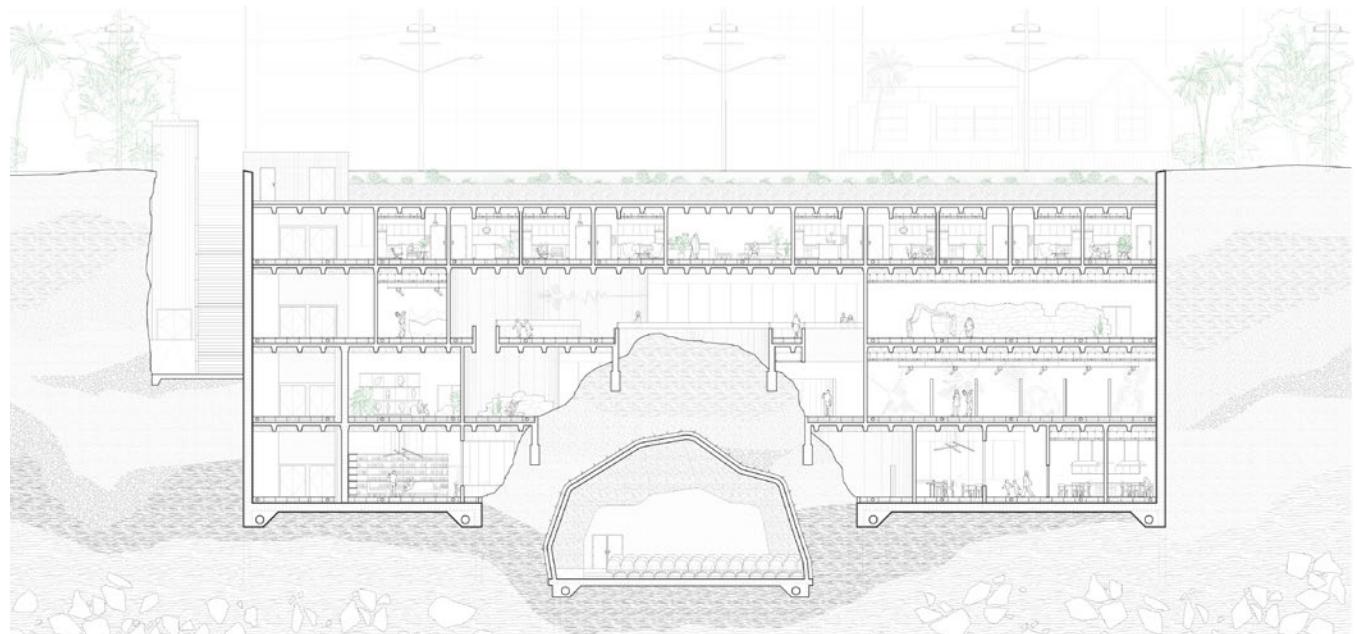
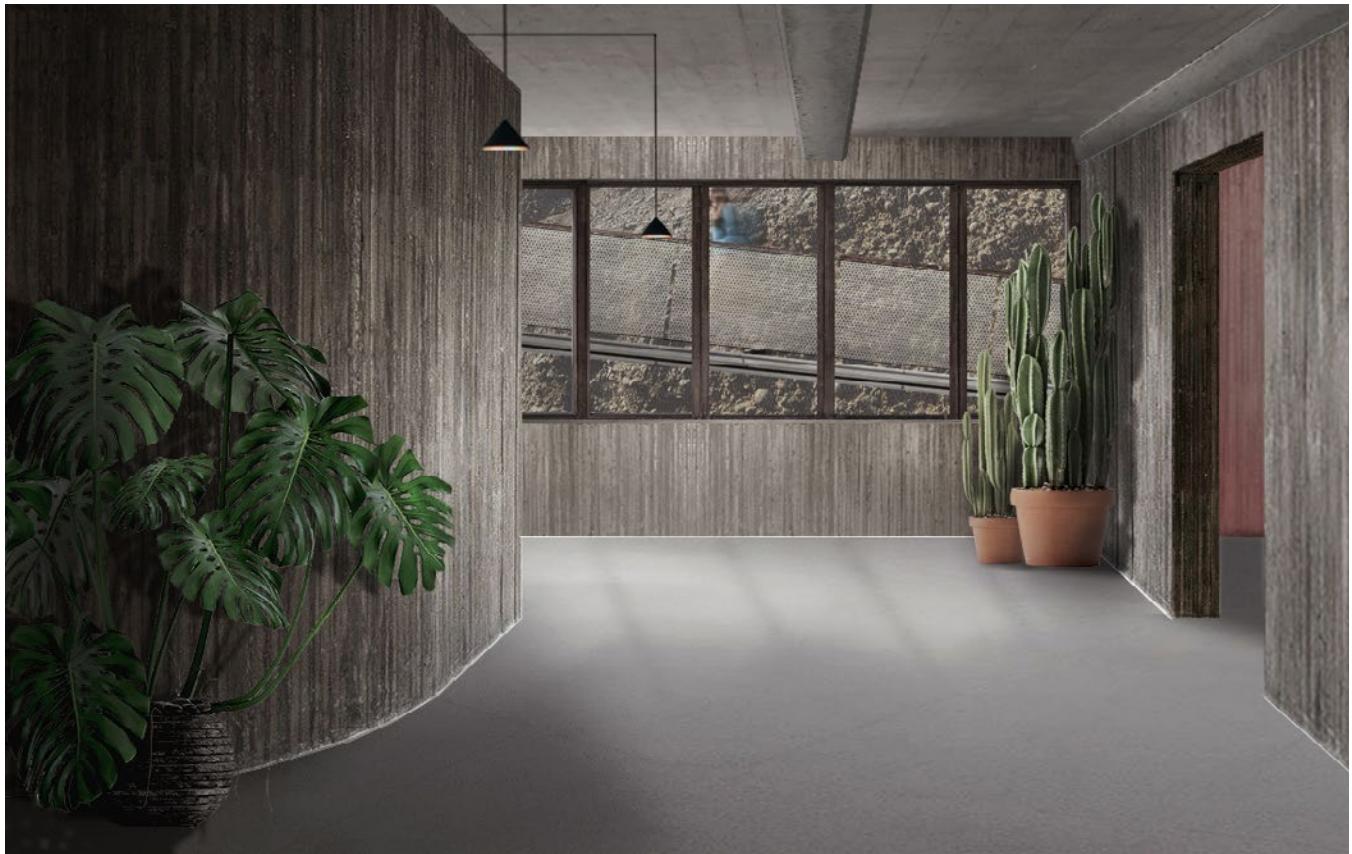
LVL.+1



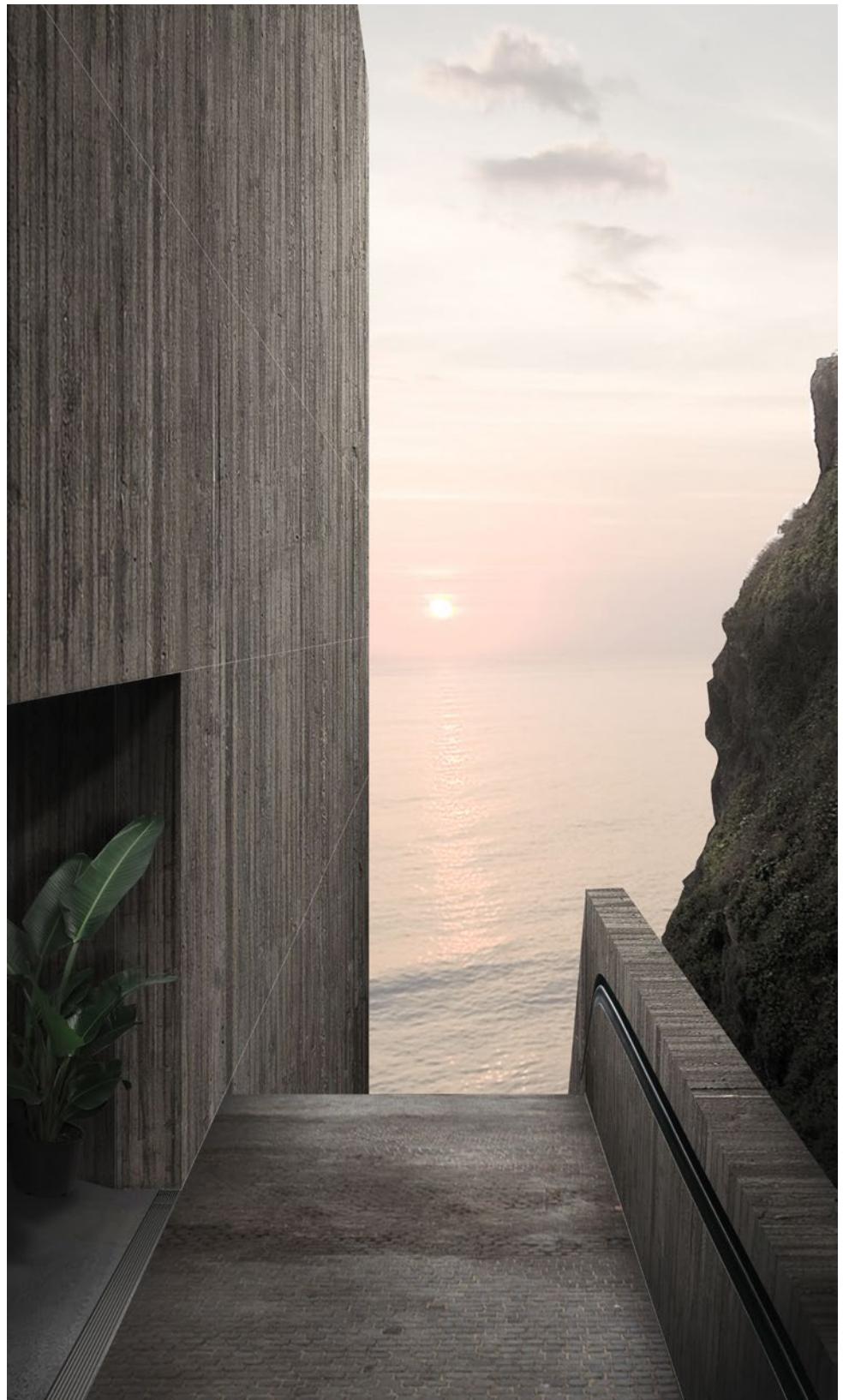
LVL.0



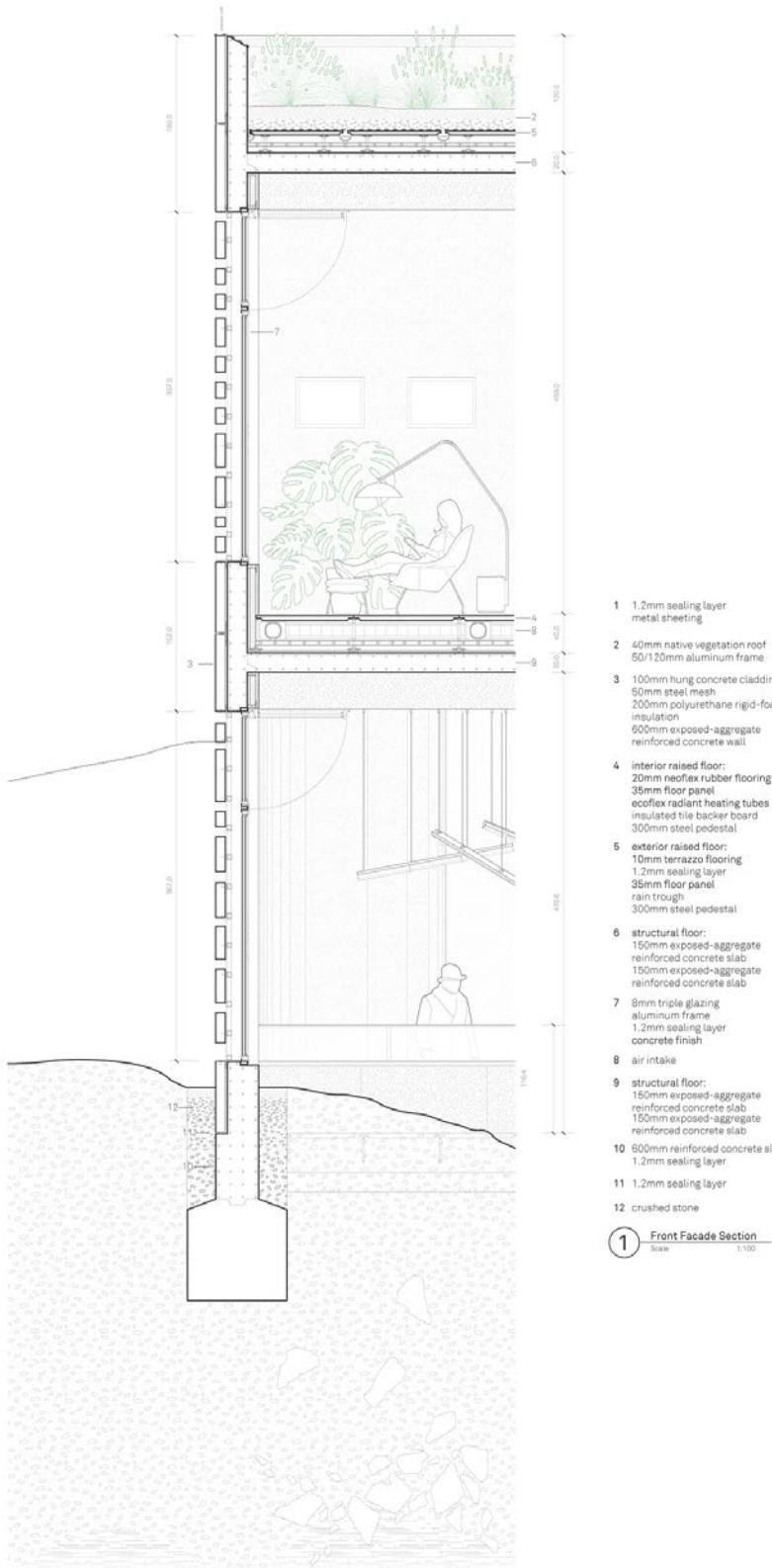
SITE PLAN, MIRAFLORES DISTRICT



LONGITUDINAL SECTION



MUSEUM ENTRY



FACADE DETAIL

