



COMPLEX PROJECTS

BETWEEN WATER & SKY

The Role of the Roof in Swimming Pool Architecture

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25/06/2026

Studio Theme
ONE OF...



Studio Theme
ONE OF...



Introduction

BETWEEN WATER & SKY



WATER

SKY

WATER

SKY

IN BETWEEN

WATER



WATER

Water

WATER AS SPATIAL CONDITION



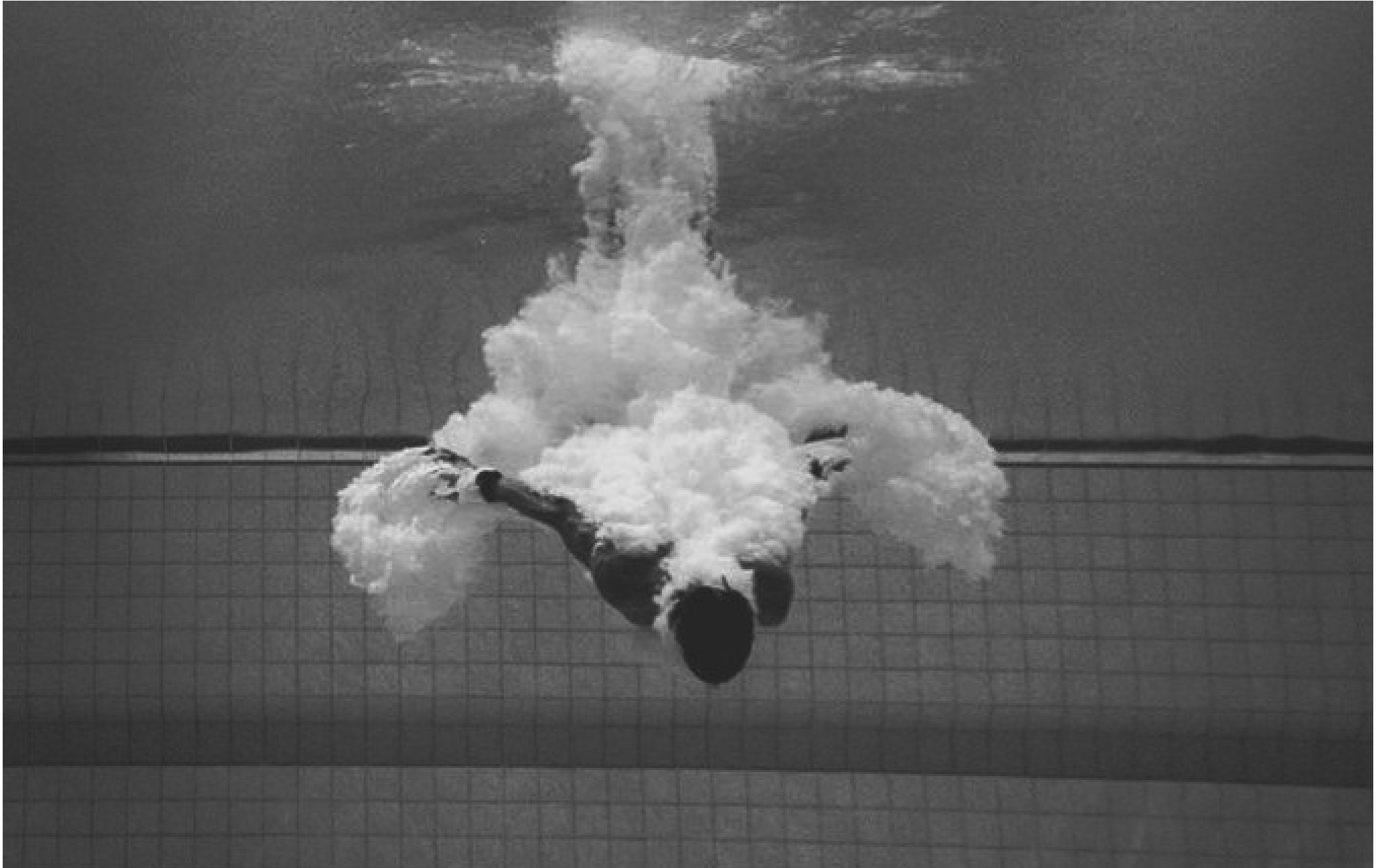
Water

BODY IN WATER



Water

BODY IN WATER



Water

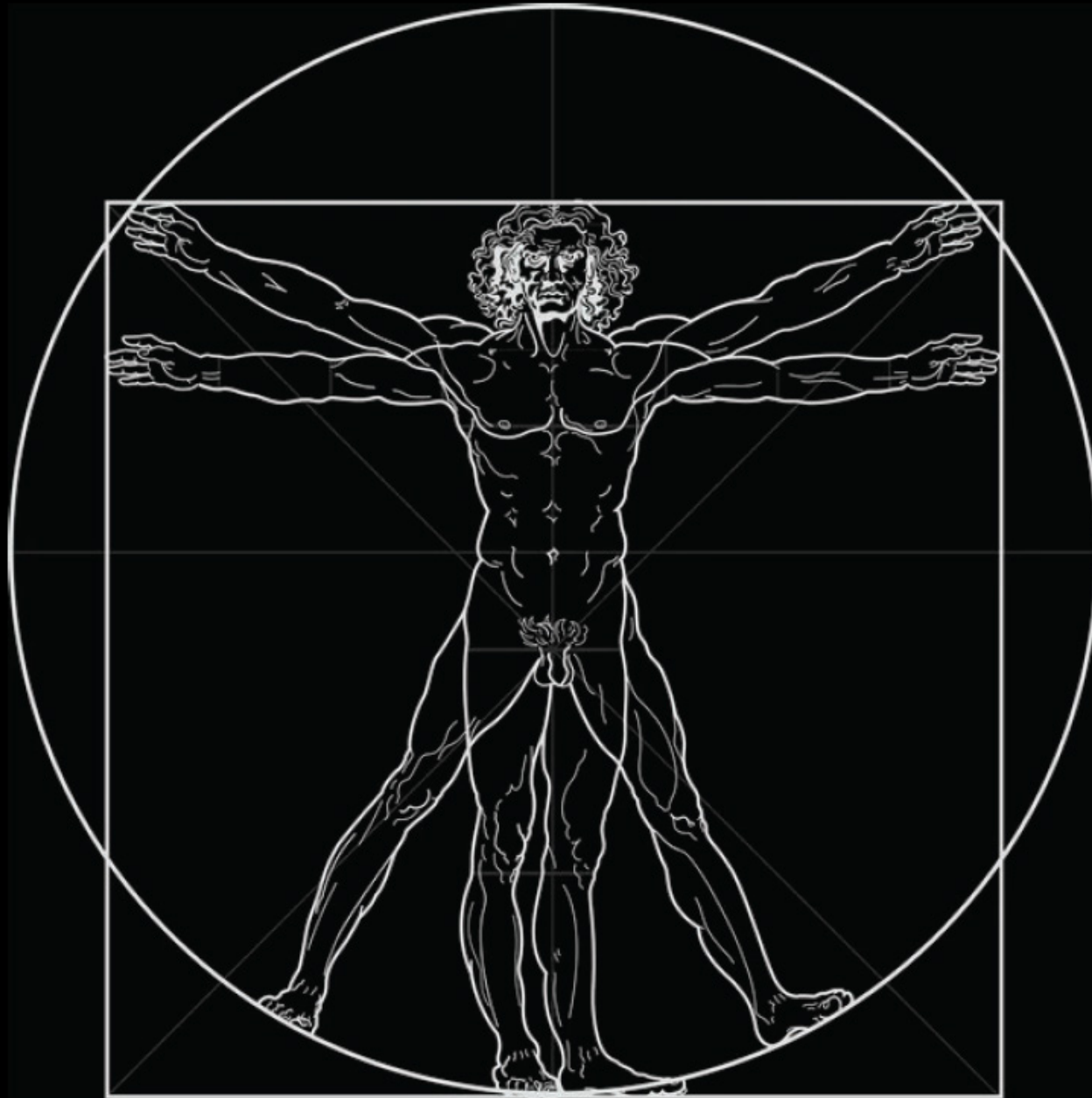
BODY IN WATER



Studio Theme

BODIES & BUILDINGS

BODIES & BUILDINGS



An aerial photograph of a city, likely New York City, with a complex network of red and blue lines overlaid, representing water infrastructure such as pipes and canals. The text "WATER IN THE CITY" is centered in white, bold, sans-serif font.

WATER IN THE CITY

Water in the city

MILAN



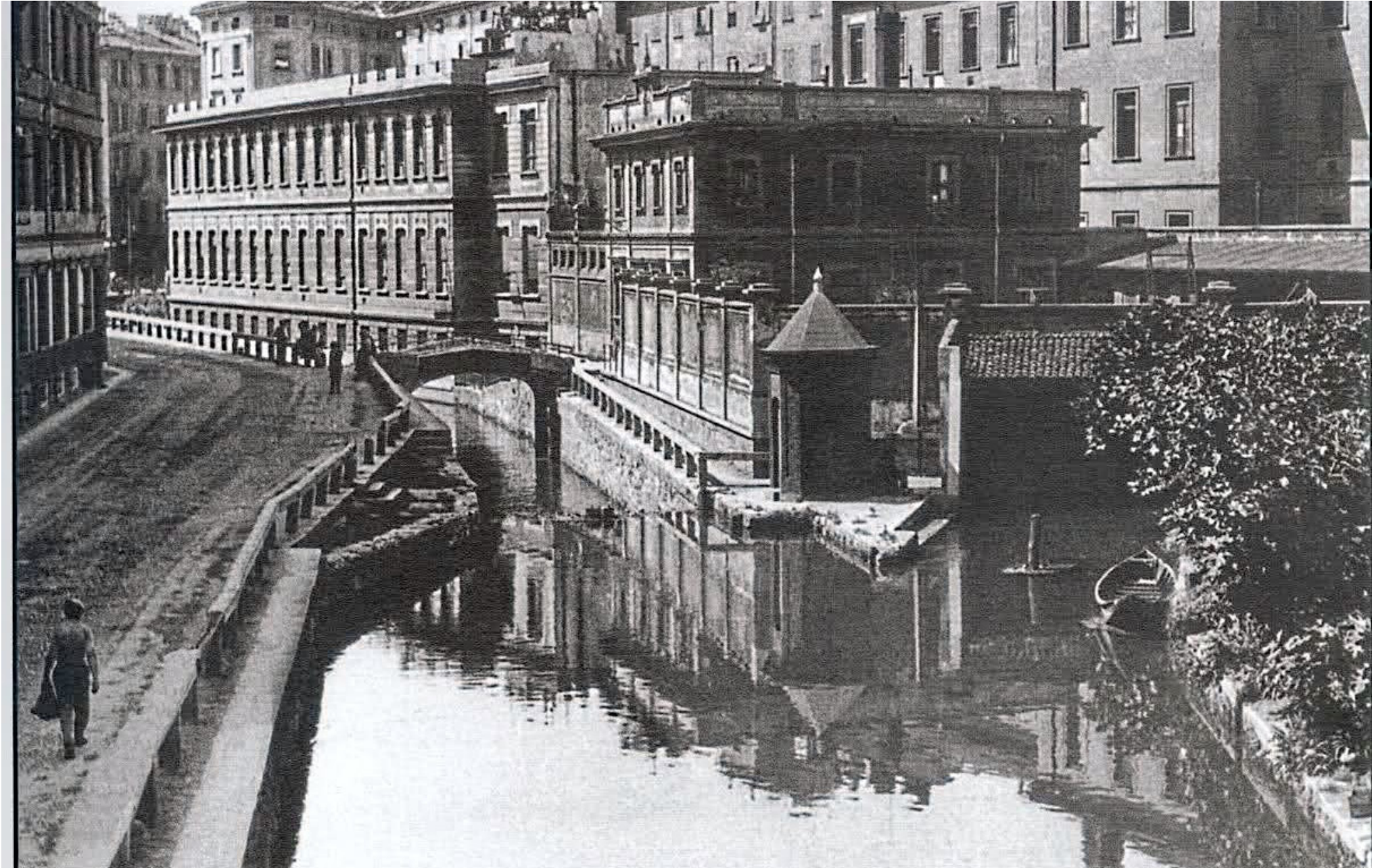
Water in the city

MILAN WAS ONCE A CITY OF WATER...



Water in the city

...WITH MANY CANALS THROUGH THE CITY...



Water in the city

...UNTIL IT WASN'T



RAPID POOL DEVELOPMENT

● 1929

● 1933

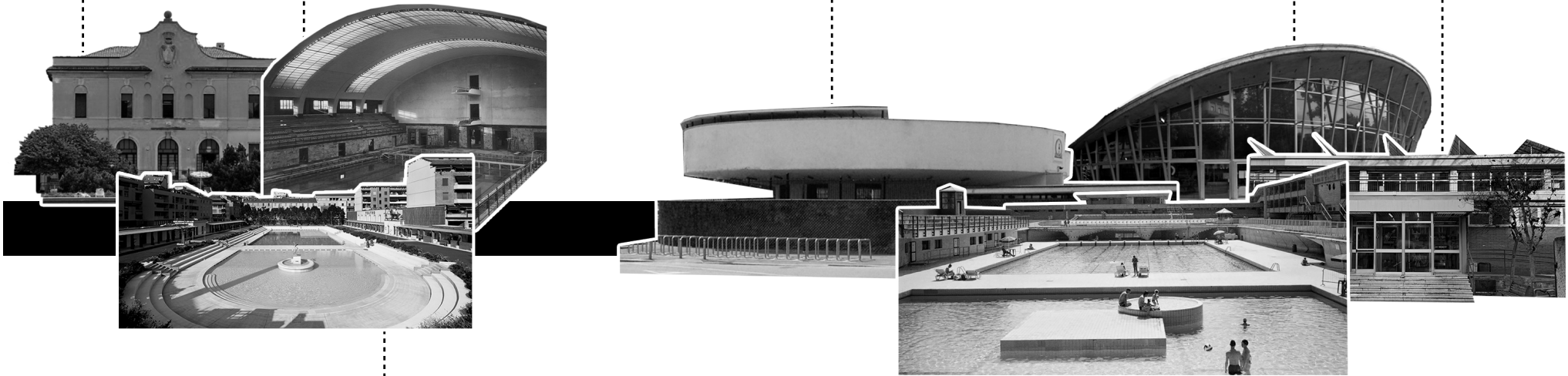
● 1958

● 1964

● 1963

● 1937

● 1962



Water in the city

GAINING WATER BACK



Water in the city

BECOMING MORE THAN JUST SPORT FACILITY



Water in the city

WATER RETURNED TO MILAN, BUT THROUGH ARCHITECTURE



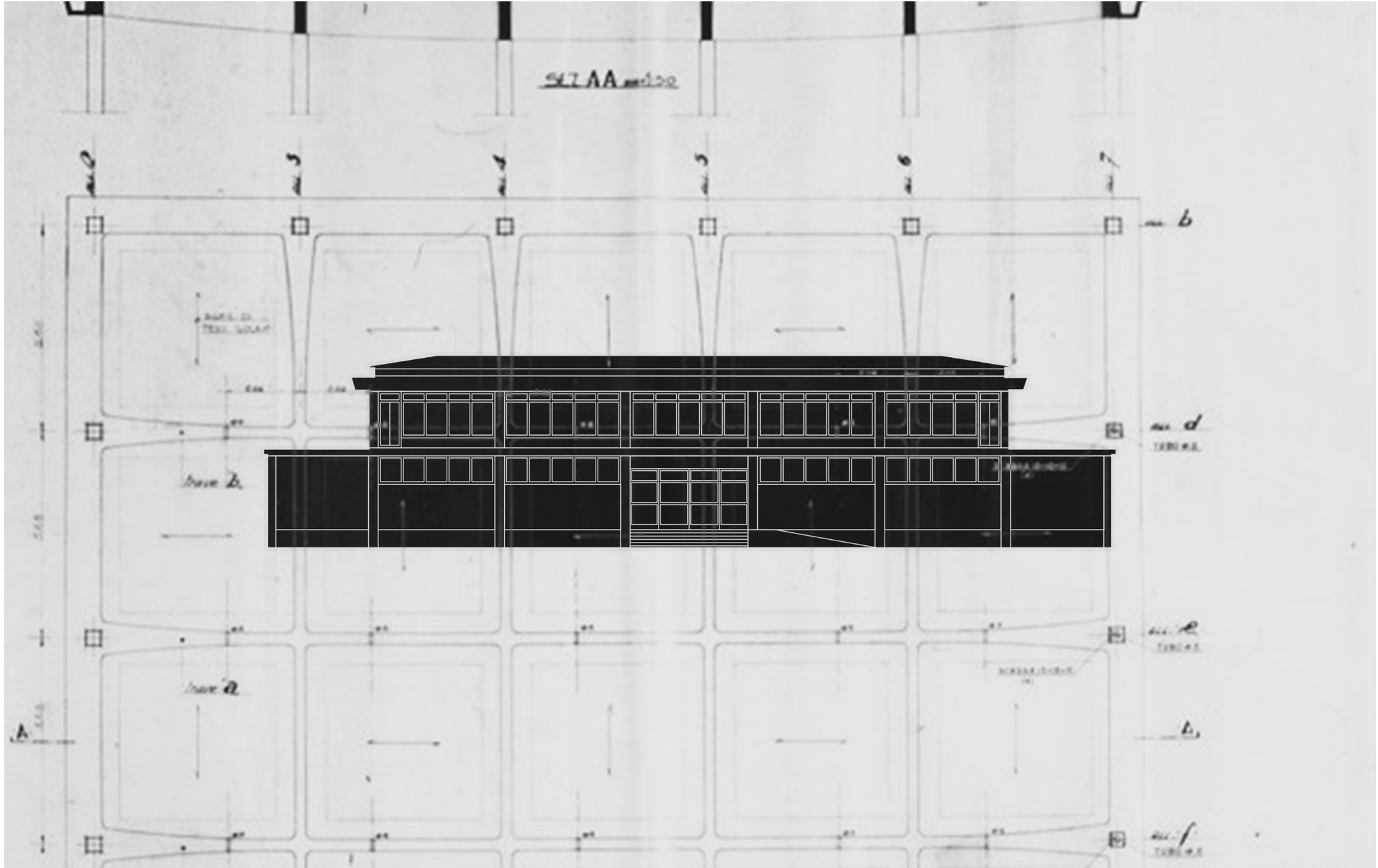
Water in the city

PISCINA MINCIO



Water in the city

PISCINA MINCIO

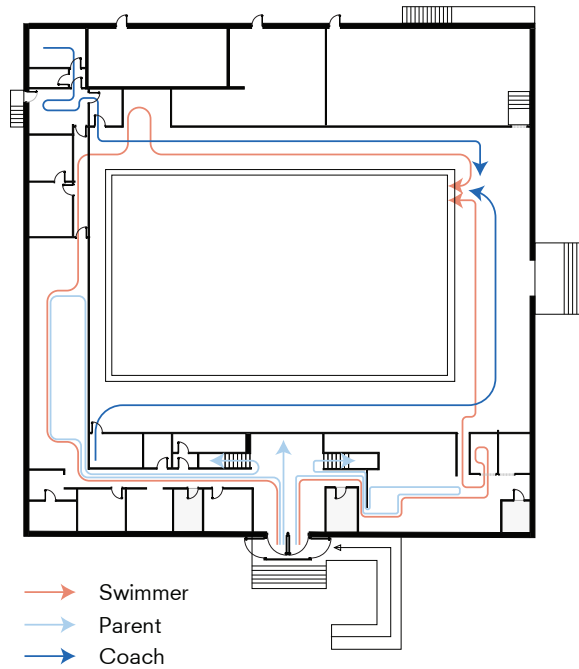


Water in the city

PISCINA MINCIO

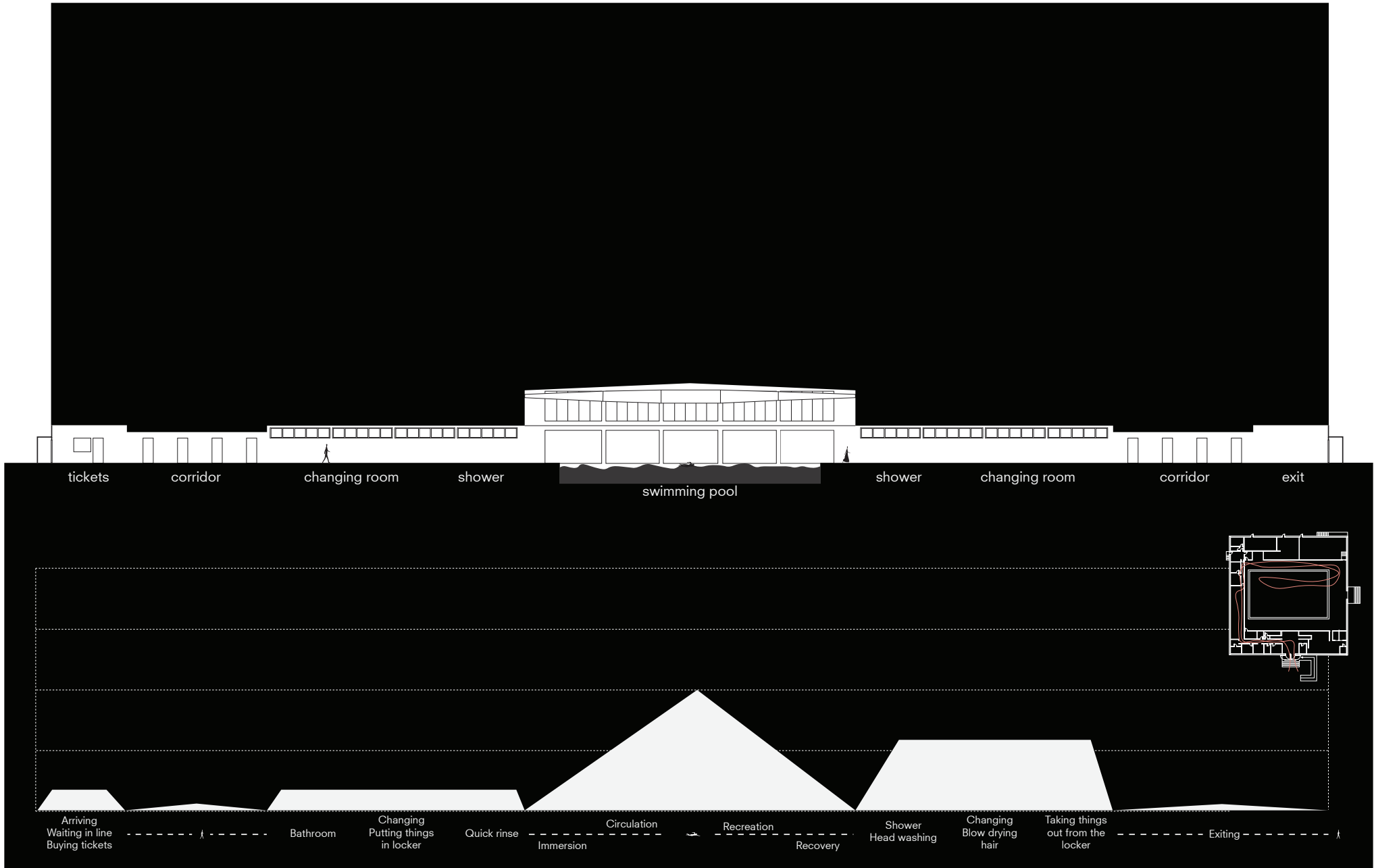


- Front of the House
- Back of the House



Water in the city

PISCINA MINCIO



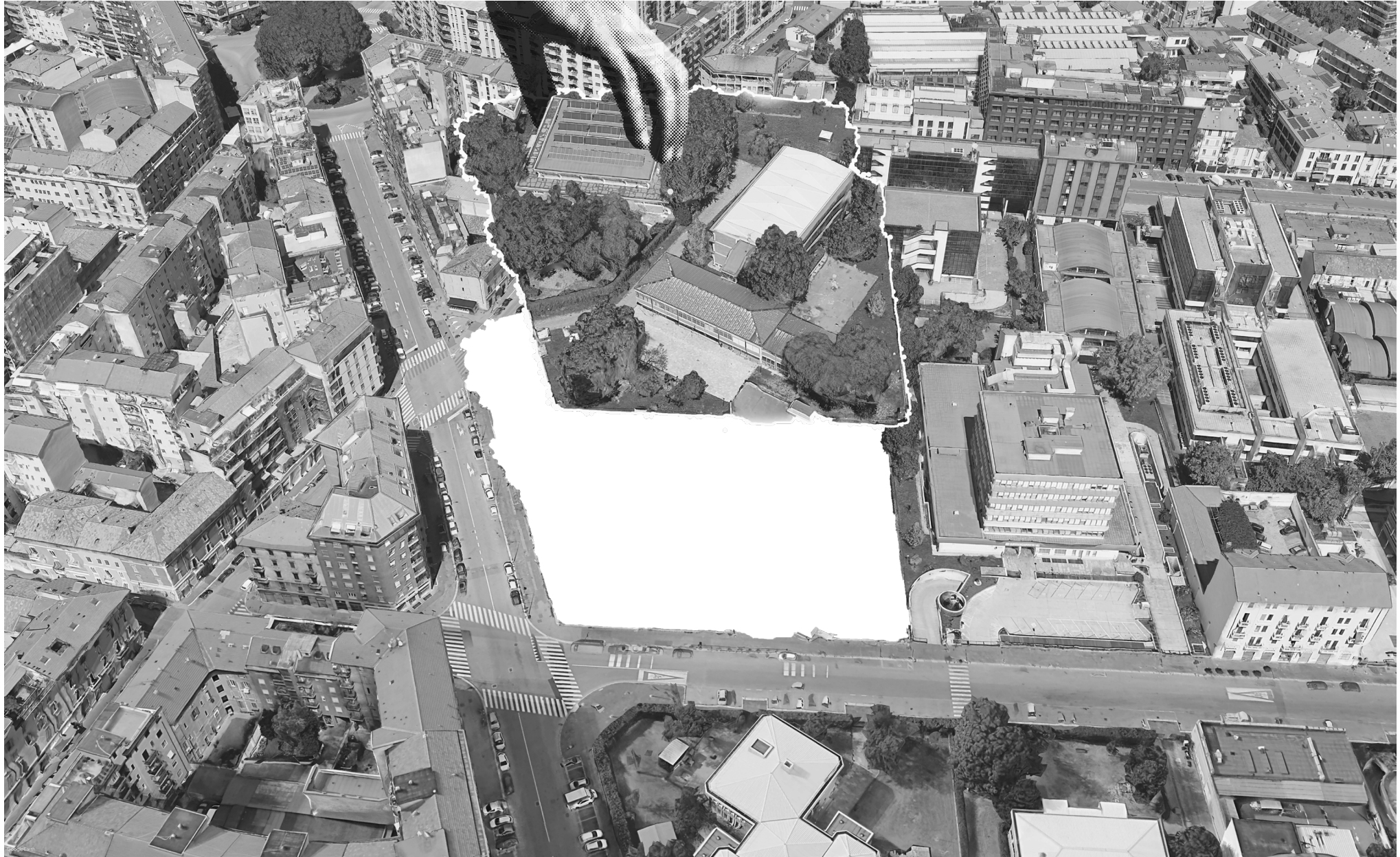
Water in the city

WHAT IF...



Water in the city

...PISCINA MINCIO...



Water in the city

...NEVER EXISTED



IN BETWEEN



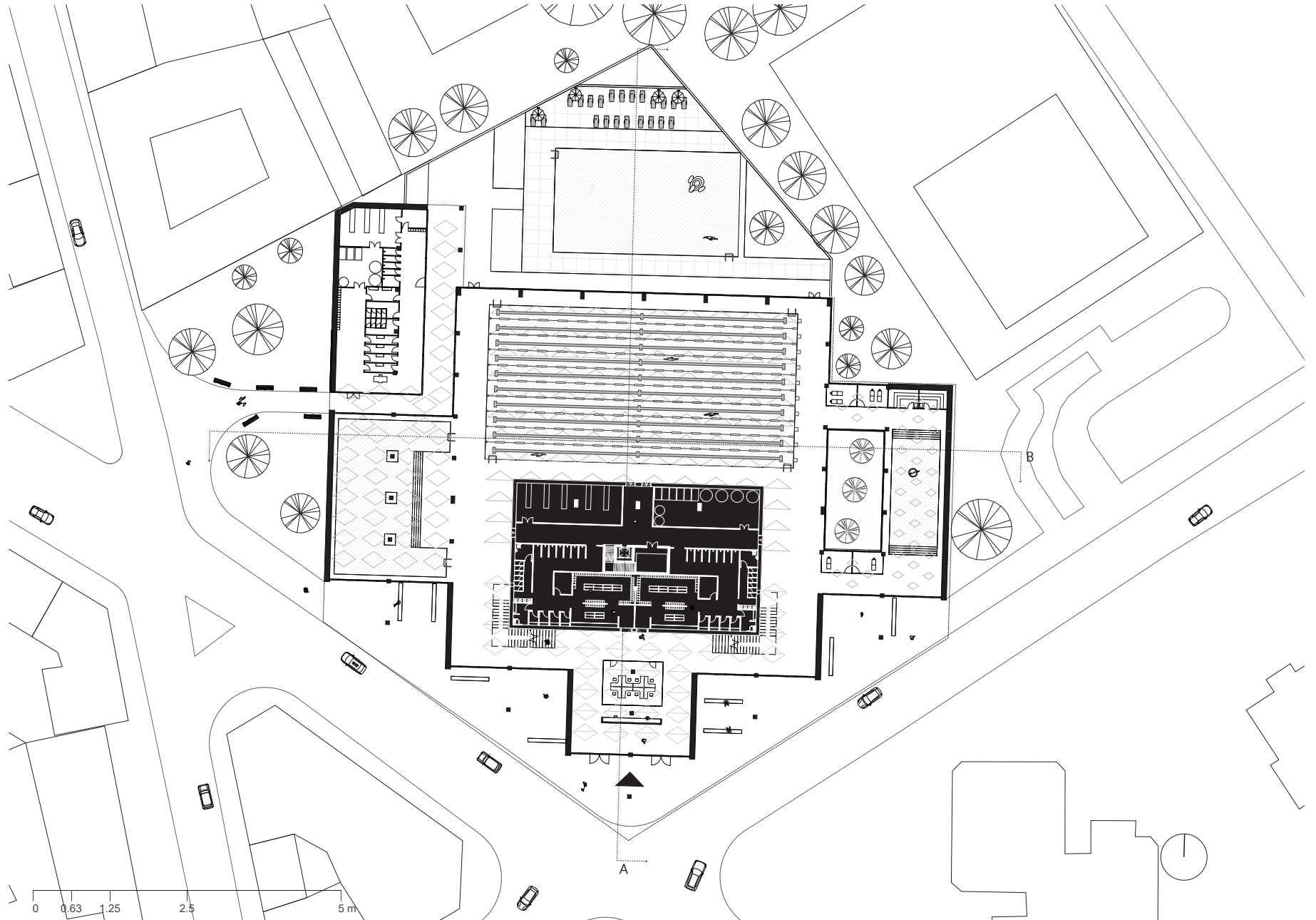
In between

NOTION OF GALLERIA



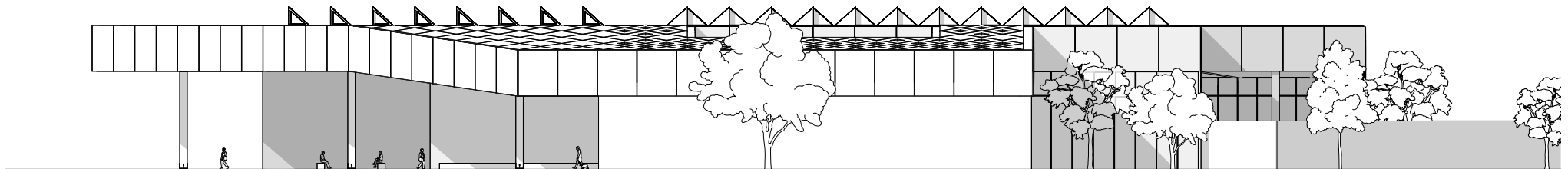
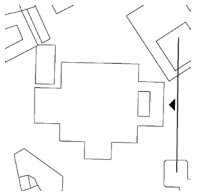
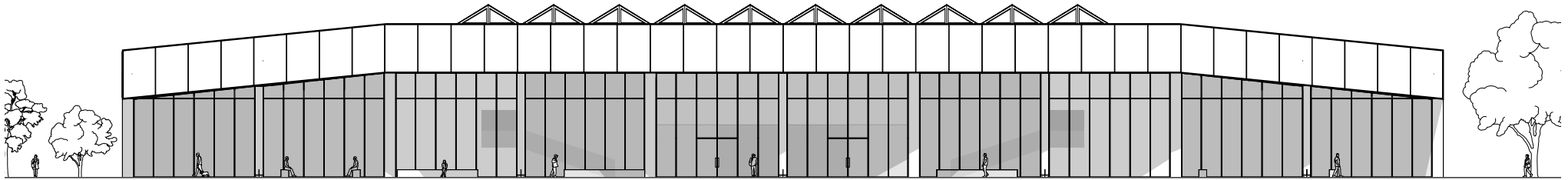
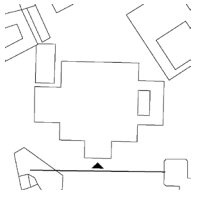
In between

ESTABLISHING A PRESENCE



In between

A BUILDING BETWEEN OPENNESS AND ENCLOSURE



0 2.5 5 10 20 m

In between

FIRST ENCOUNTER



In between

DISCOVERING FURTHER



In between

THE BUILDING AS LANDSCAPE



In between

BOTH DAY AND NIGHT



In between
ARRIVAL



In between

FROM ARRIVAL TO IMMERSION



ENTRANCE HALL

In between

FROM ARRIVAL TO IMMERSION

TRIBUNES
TECHNICAL STORAGE
CHANGING
YOGA WC GYM
CAFETERIA GYM



ENTRANCE HALL

In between

FROM ARRIVAL TO IMMERSION

SWIMMING POOL

WARM
POOL



HOT
POOL

TRIBUNES
TECHNICAL STORAGE
CHANGING
YOGA WC GYM
CAFETERIA GYM



ENTRANCE HALL

In between

FROM ARRIVAL TO IMMERSION

**SWIMMING
POOL**

**WARM
POOL**

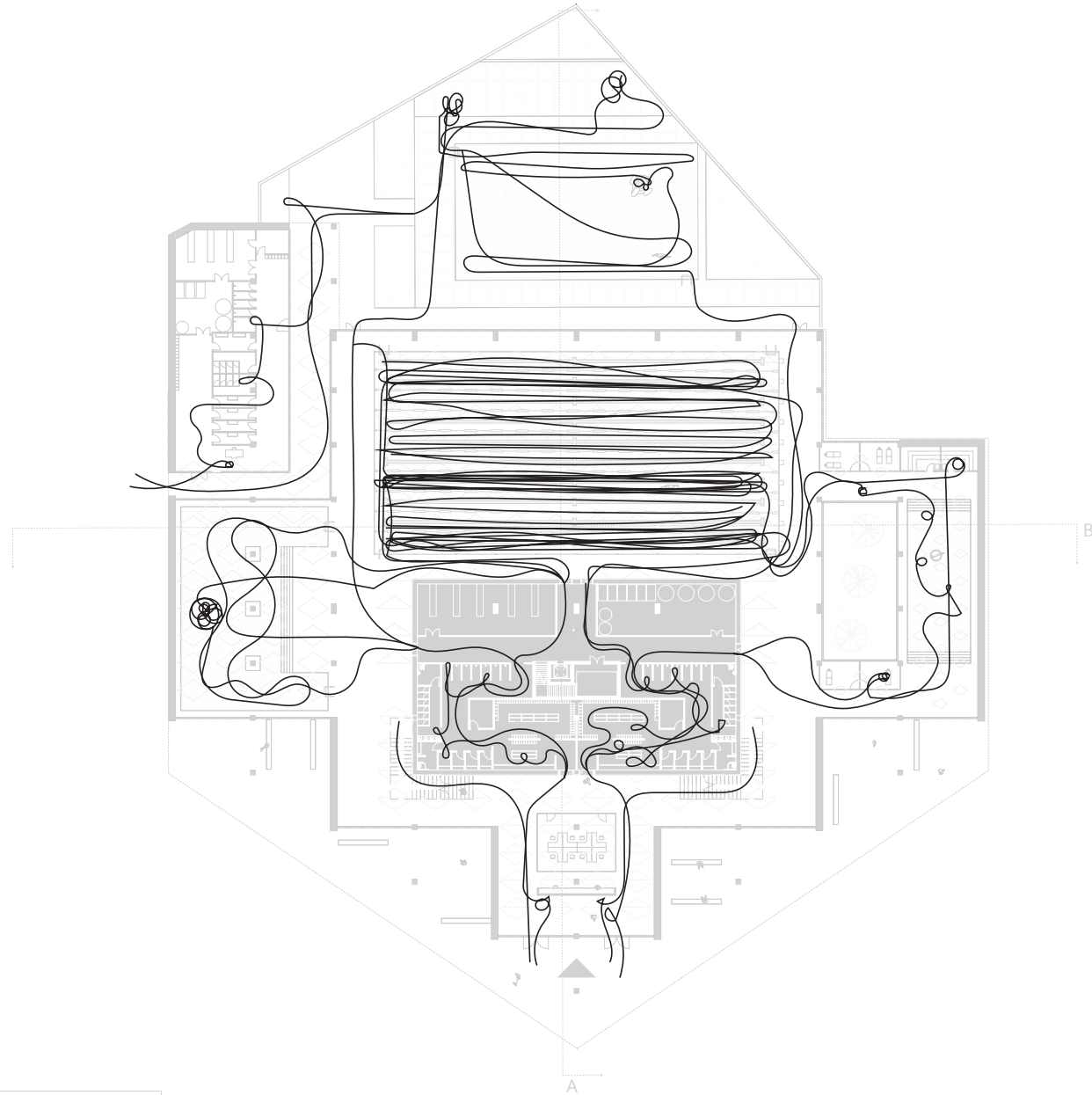
**HOT
POOL**

**TRIBUNES
TECHNICAL STORAGE
CHANGING
YOGA WC GYM
CAFETERIA GYM**

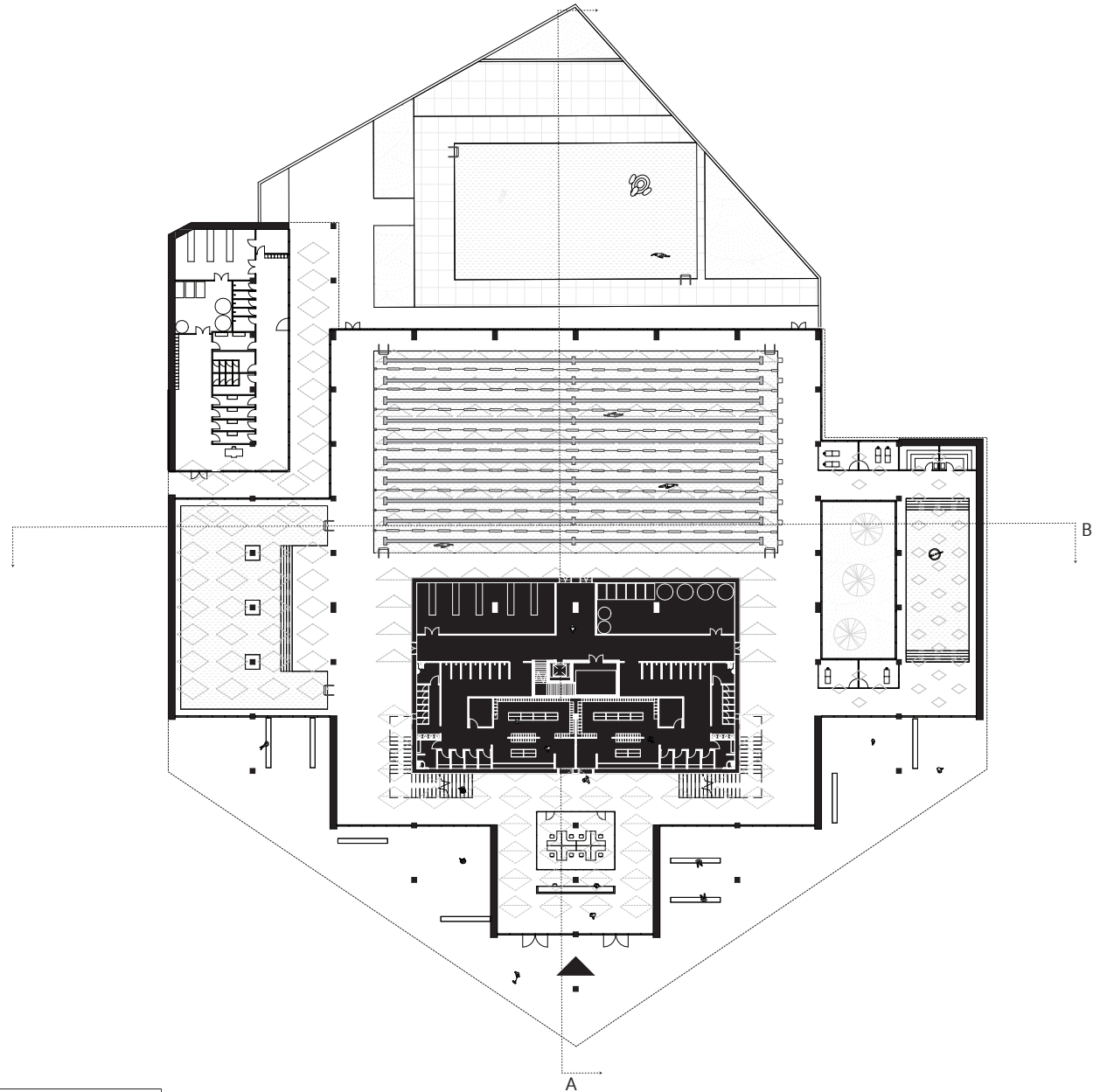
ENTRANCE HALL

In between

CHOREOGRAPHING MOVEMENT



In between THE GROUND



0 0.63 1.25 2.5 5 m

In between

THE THRESHOLD OF TRANSFORMATION



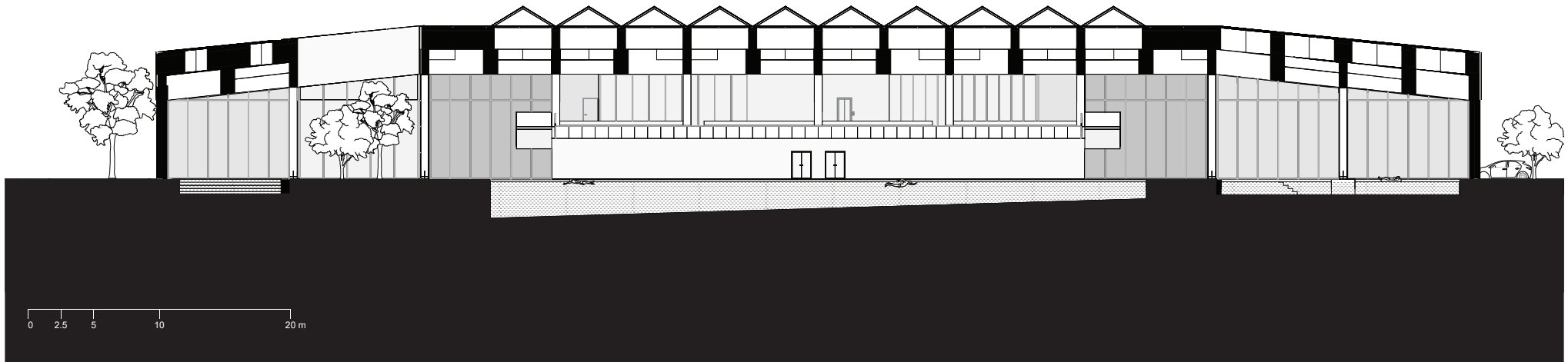
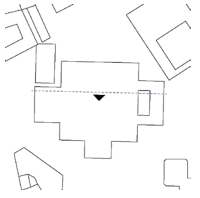
In between

THE MAIN HALL



In between

BEYOND THE MAIN HALL



In between

SLOWING DOWN



In between
RECOVERY



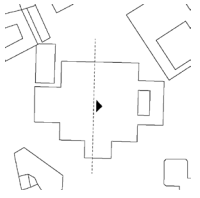
In between

THE MAIN HALL



In between

BEYOND THE MAIN HALL



In between

OUTDOOR POOL

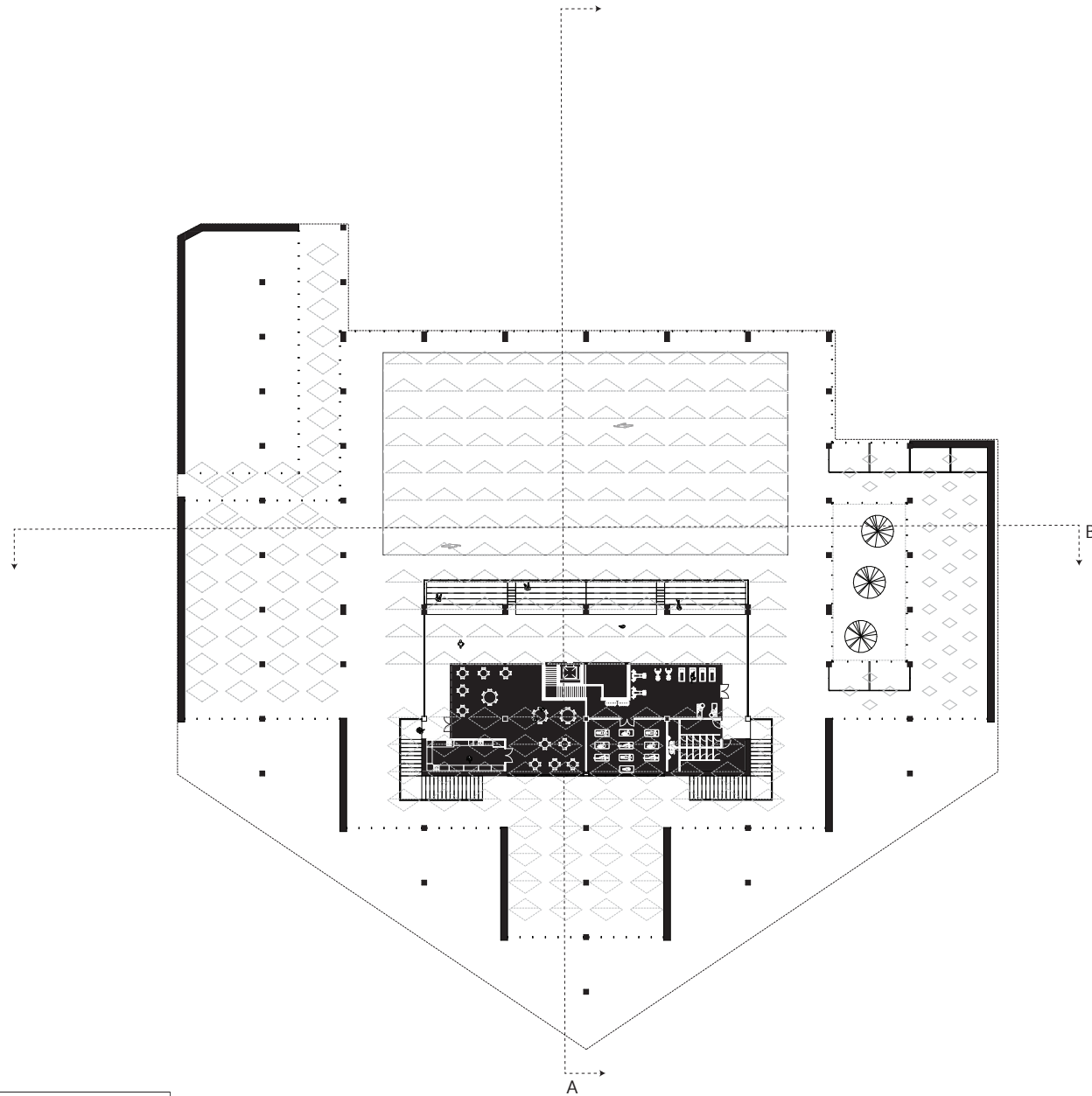


In between

THE MAIN HALL



In between MOVING UP

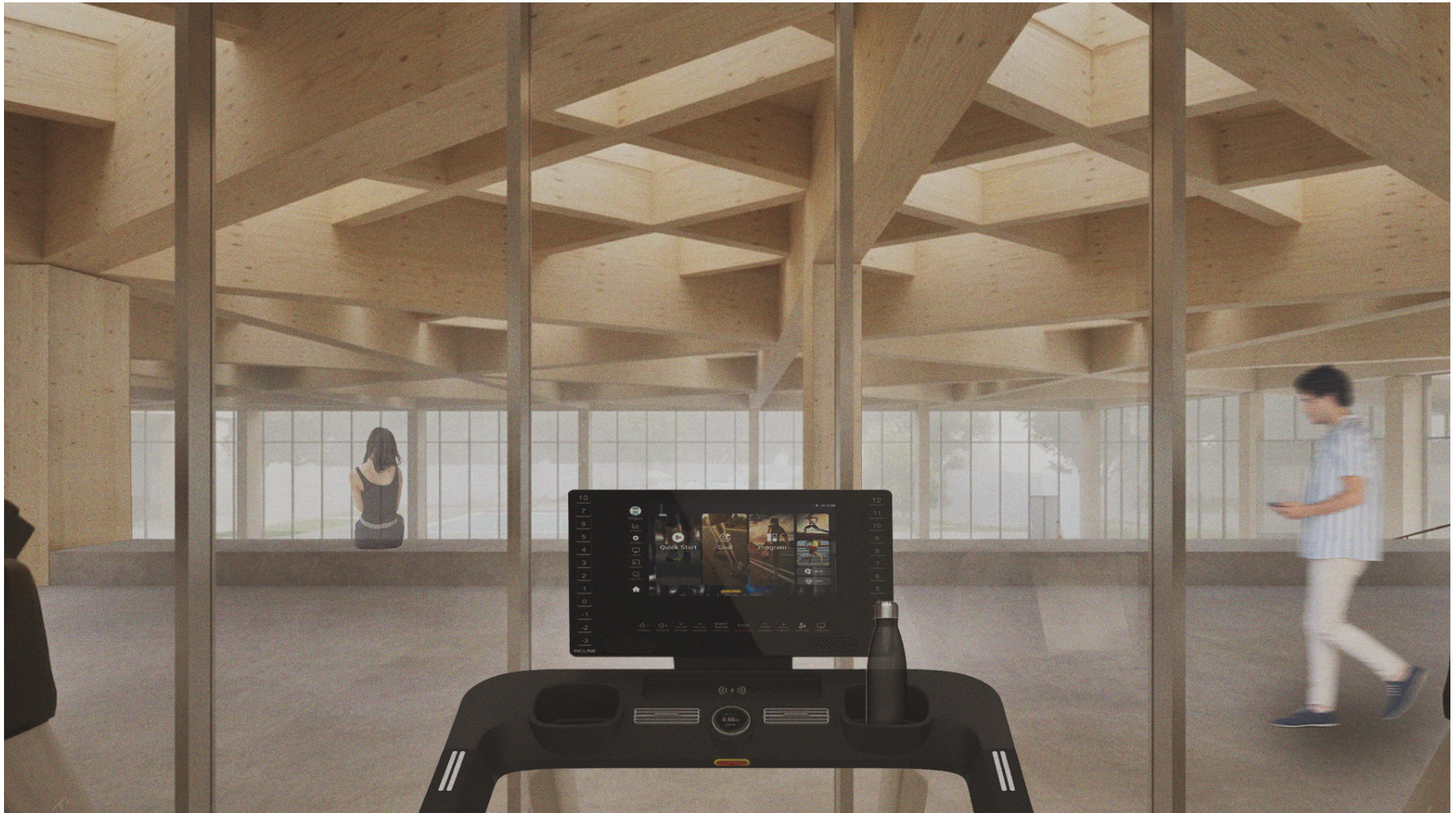


0 0.63 1.25 2.5 5 m



In between

EXTENDING THE CULTURE OF MOVEMENT



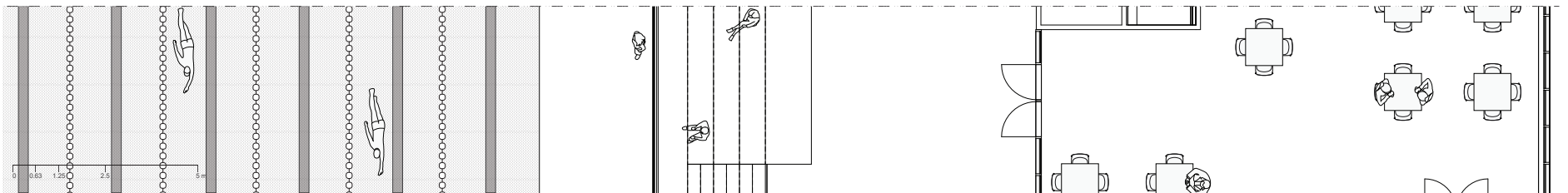
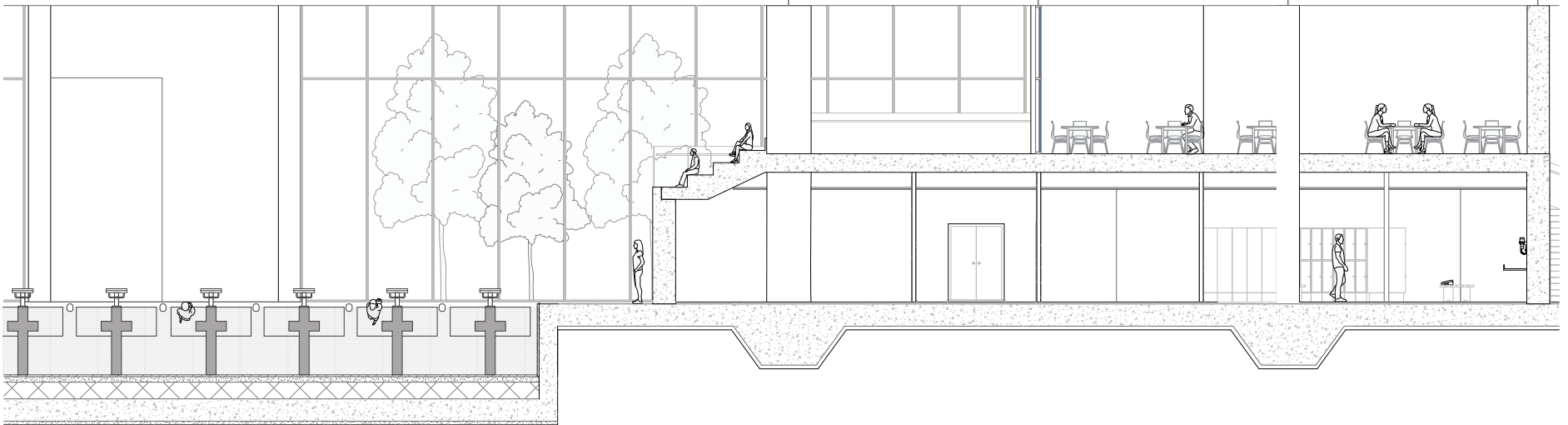
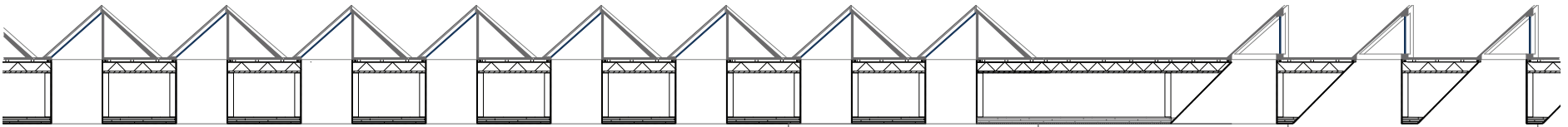
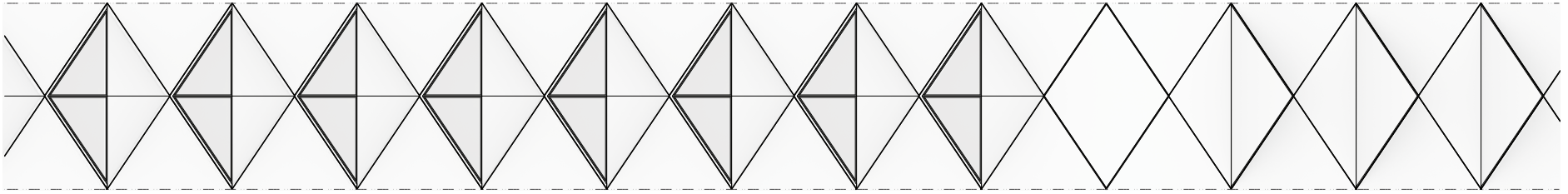
In between

WATCHING AND BEING SEEN



In between

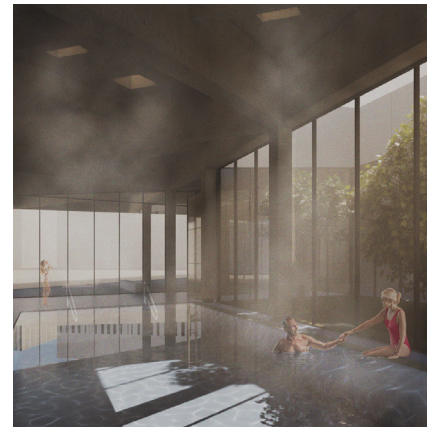
UNDER THE ROOF





SKY

Sky A CONTINUOUS PRESENCE



A SIMPLE QUESTION

How can the roof function as an **organizing architectural element** to shape and improve user experience in swimming pools?

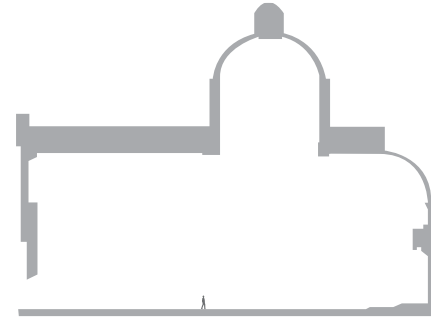
Sky USER'S SIGHT



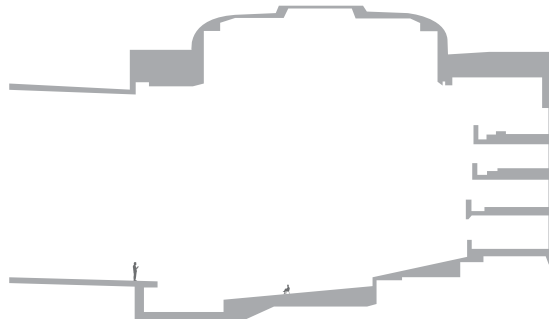
Swimming pool
"Ceiling as primary field"



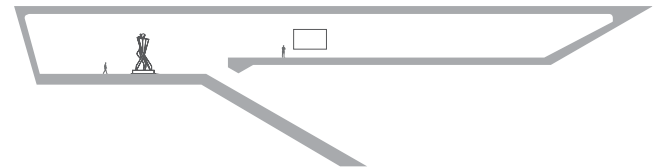
Church
"Discovering"



Opera
"Stage-focused"



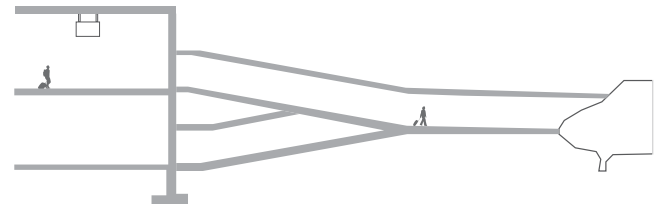
Museum
"Choice-driven exploration"



Library
"Task-focused"

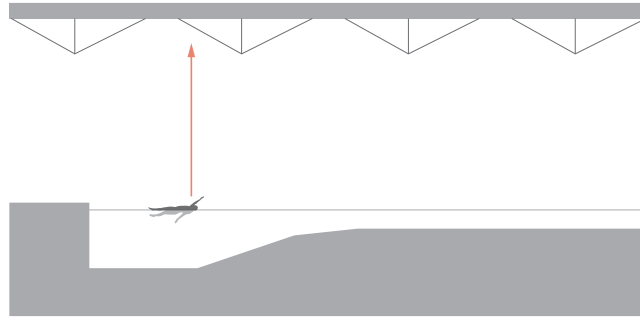


Airport
"Way finding"

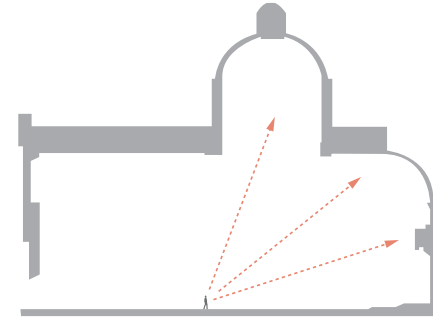


Sky USER'S SIGHT

Upward

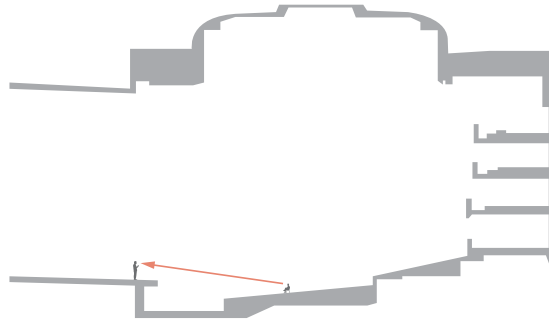


Swimming pool
"Ceiling as primary field"

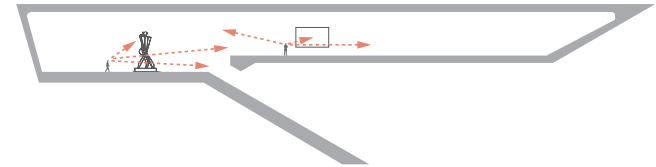


Church
"Discovering"

Mixed



Opera
"Stage-focused"

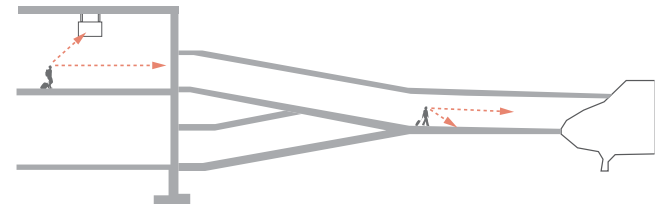


Museum
"Choice-driven exploration"

Horizontal/
downward



Library
"Task-focused"



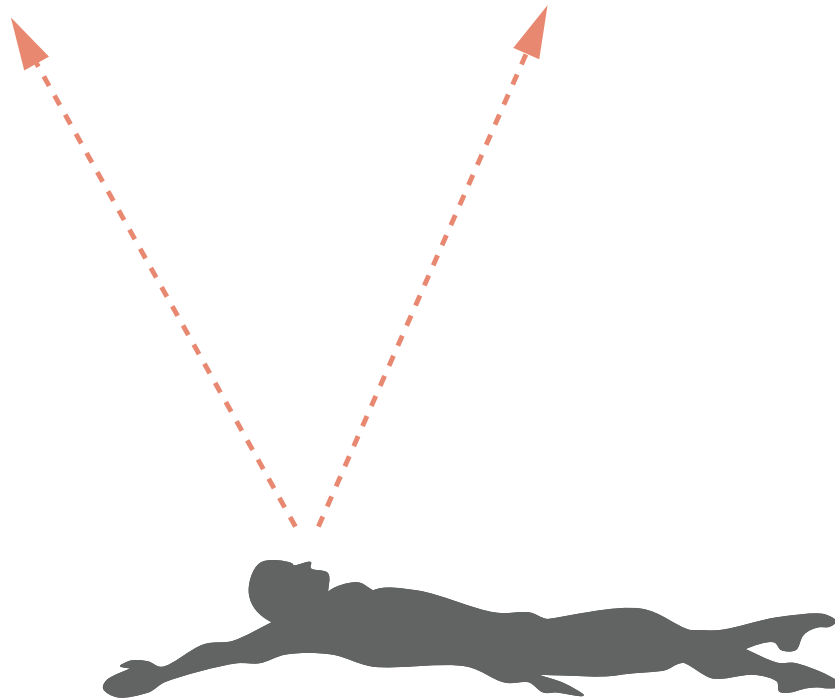
Airport
"Way finding"

Single-direction

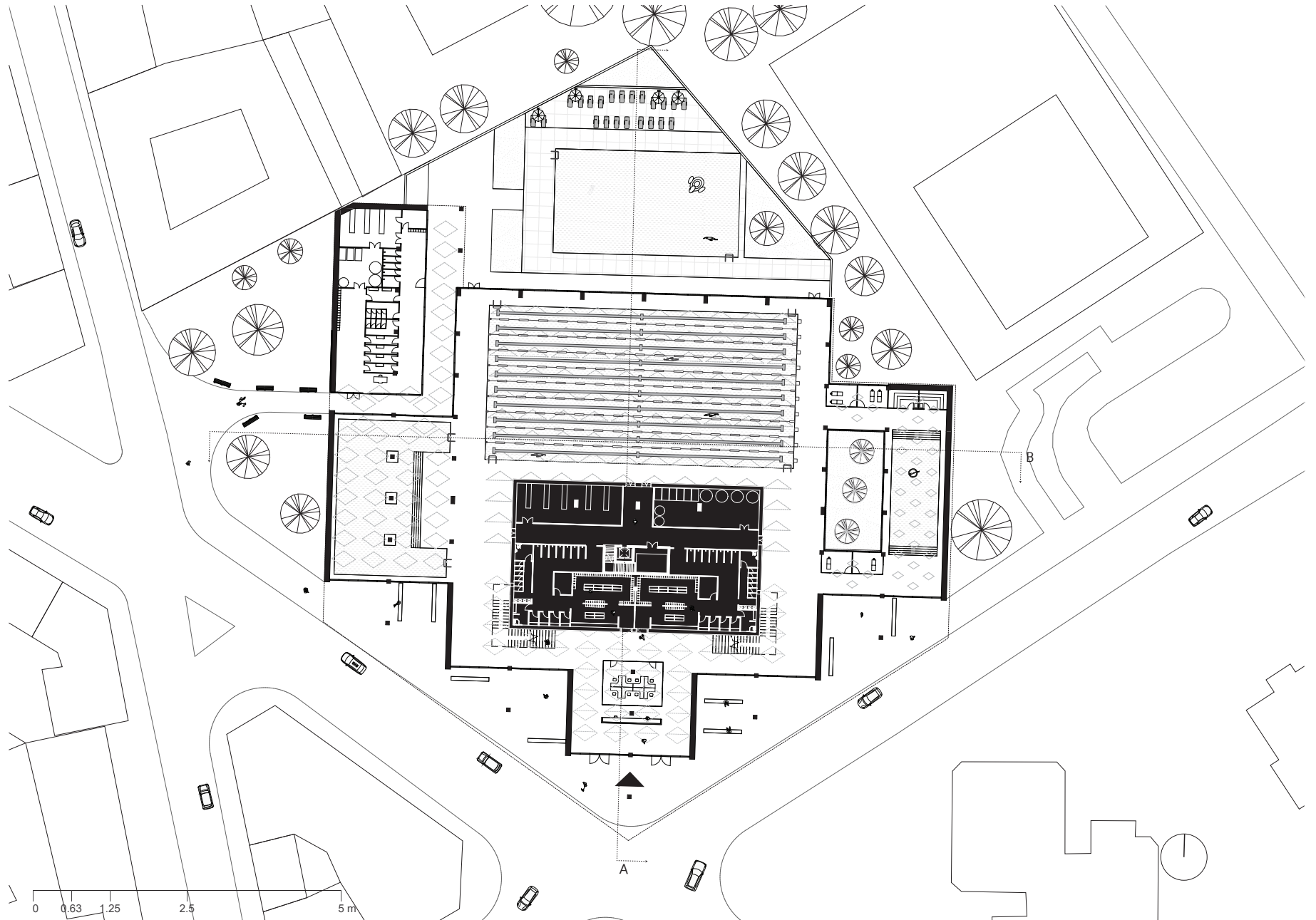
Multi-directional

Sky

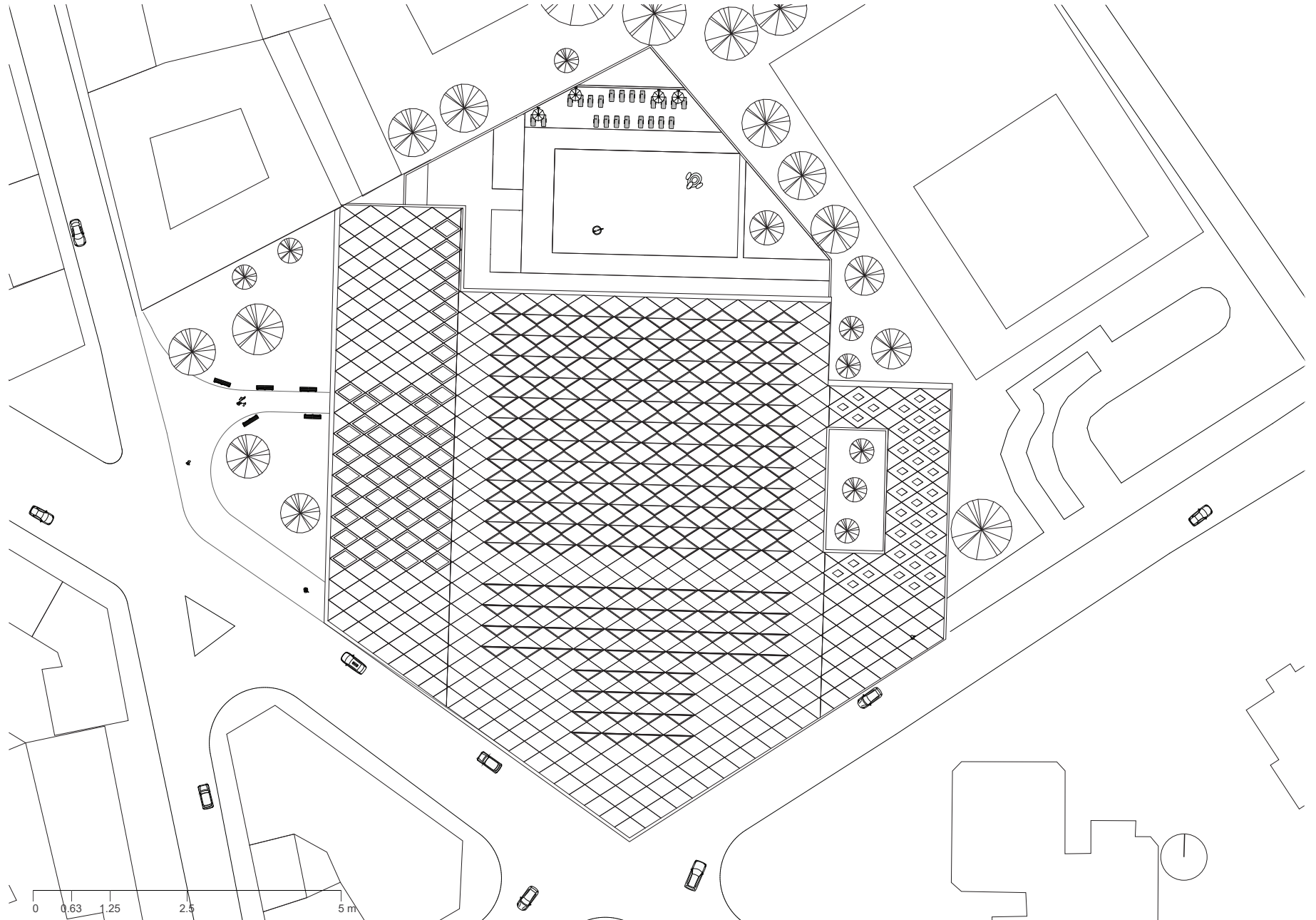
SWIMMING IS AN EXCEPTION



Sky MOVING UP

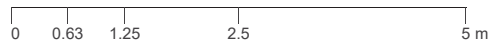
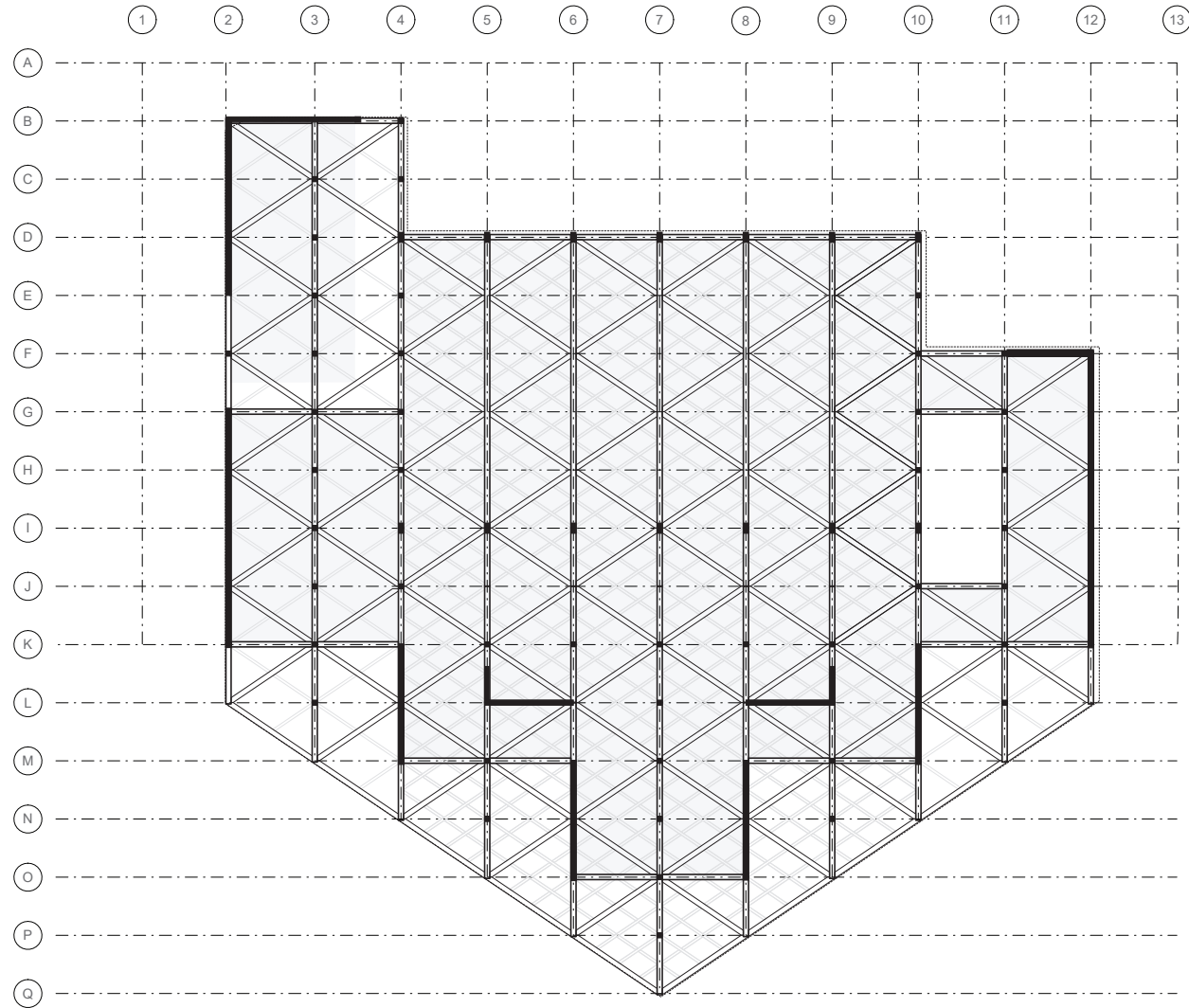
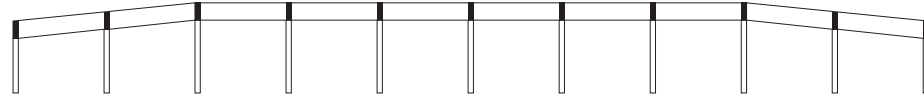


Sky TO THE ROOF

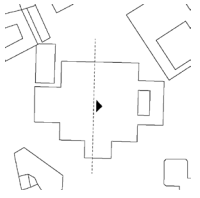


Sky

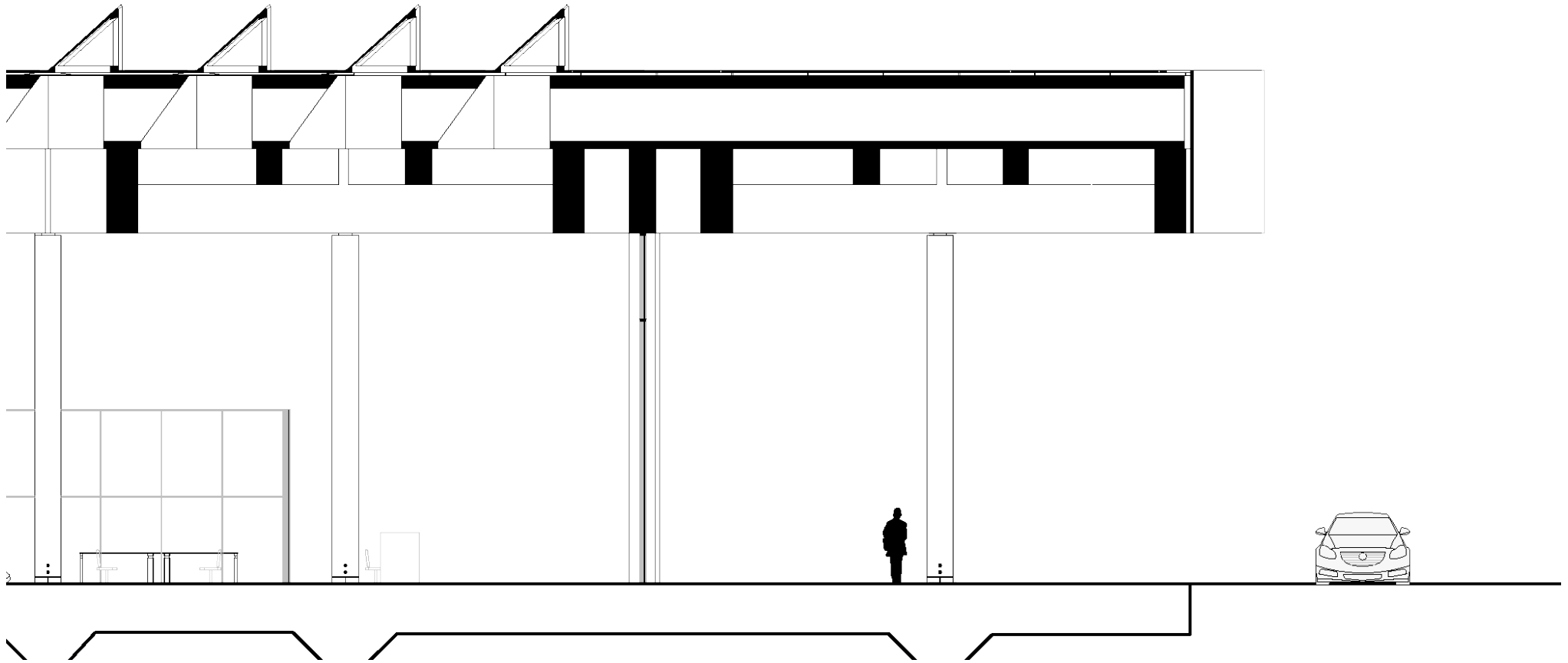
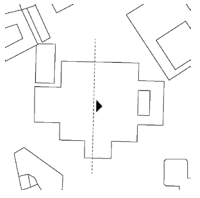
GEOMETRY OF THE STRUCTURE



Sky ROOF PERCEPTION



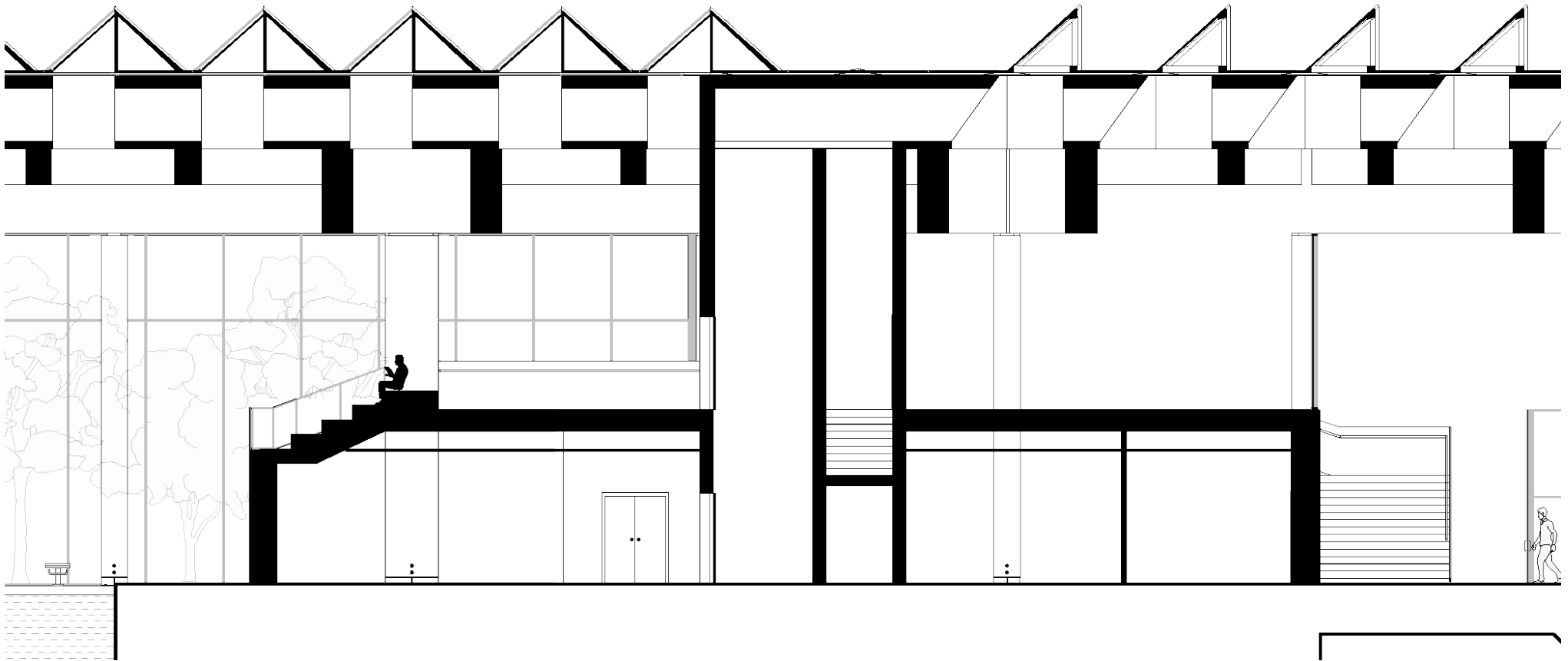
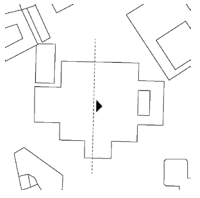
Sky PASSER-BY



Sky
PASSER-BY



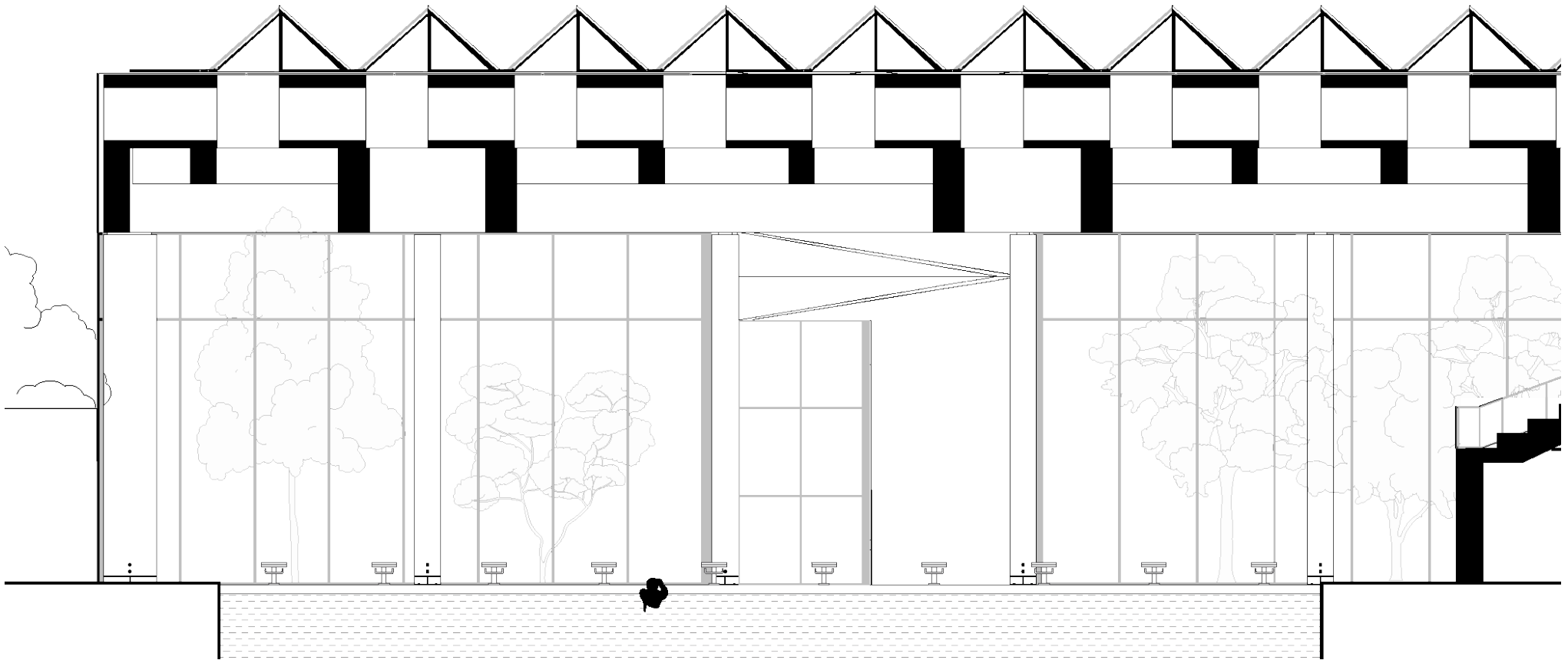
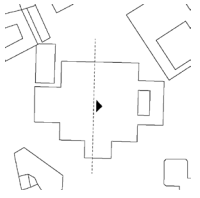
Sky SPECTATOR



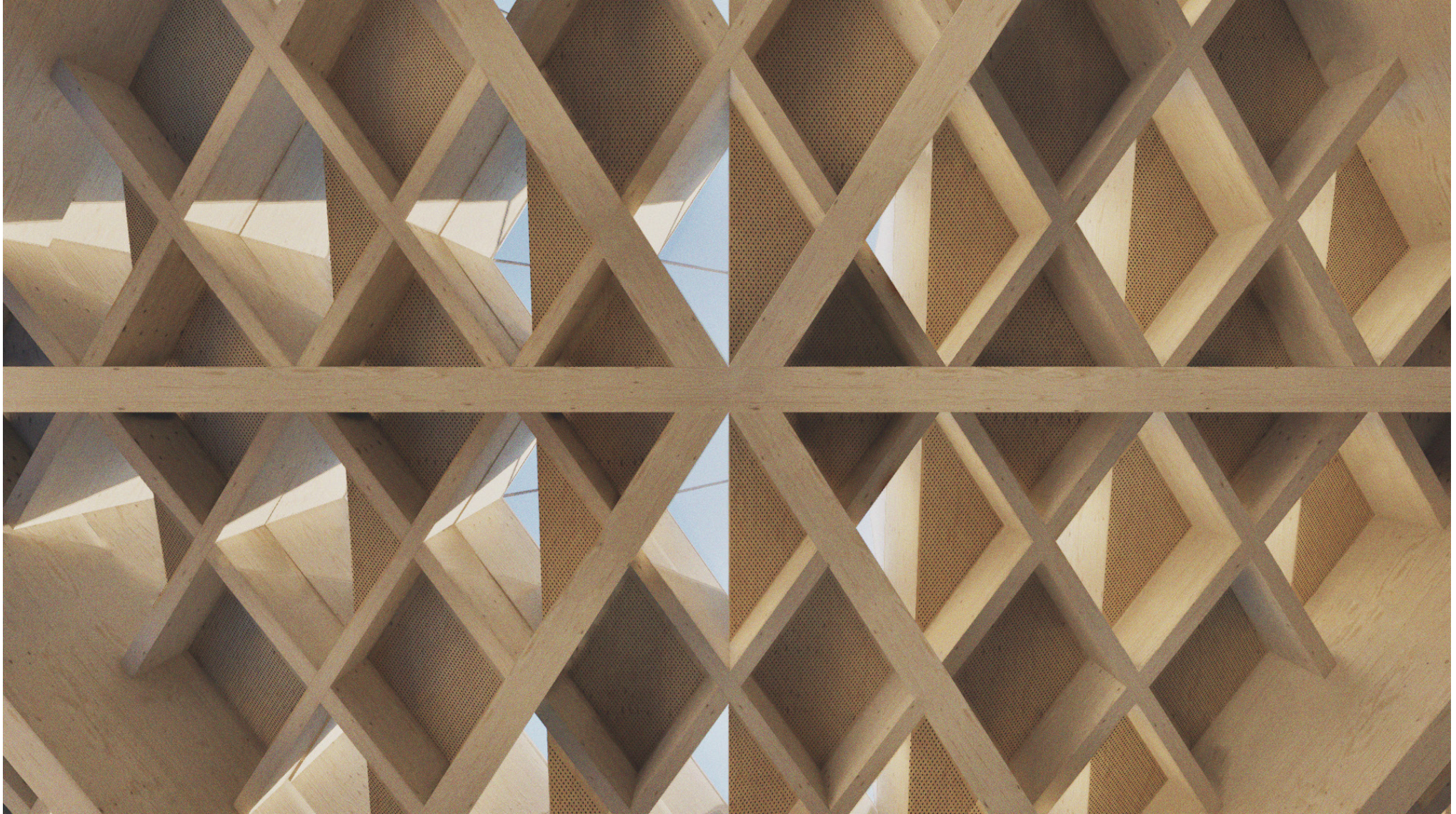
Sky
SPECTATOR



Sky SWIMMER

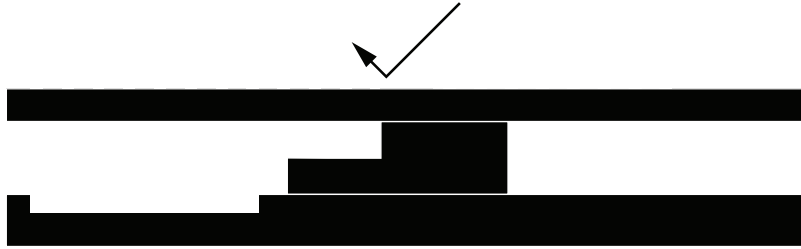


Sky
SWIMMER



Sky

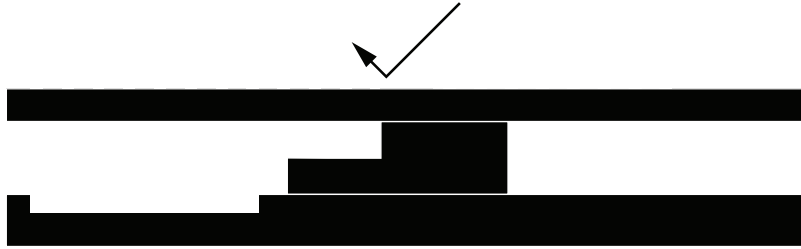
ROOF CONCEPT LAYERS



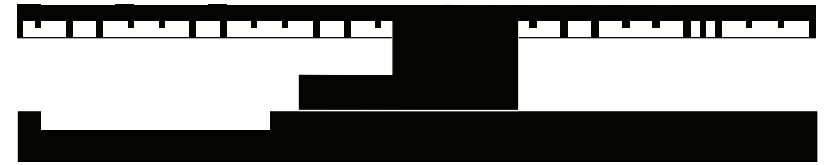
COVER

Sky

ROOF CONCEPT LAYERS



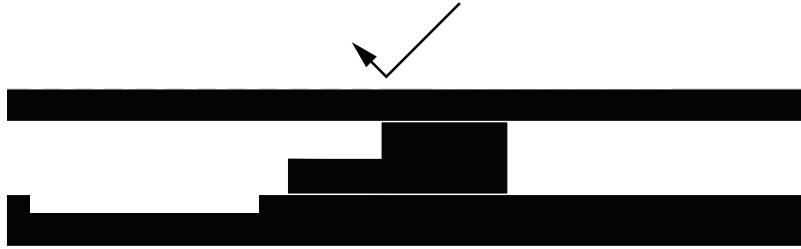
COVER



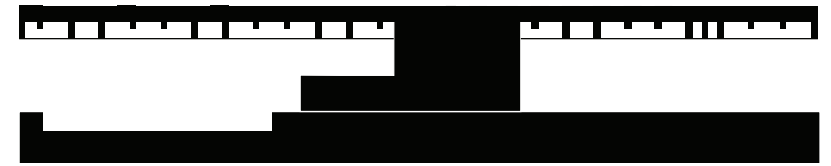
STRUCTURE

Sky

ROOF CONCEPT LAYERS



COVER



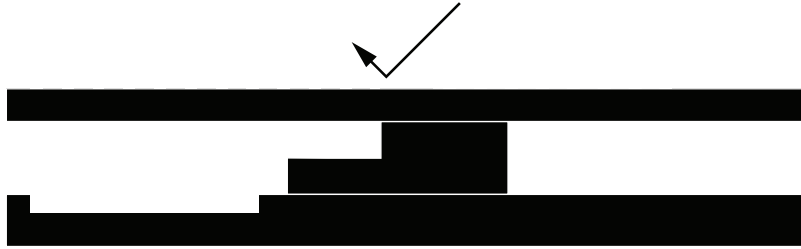
STRUCTURE



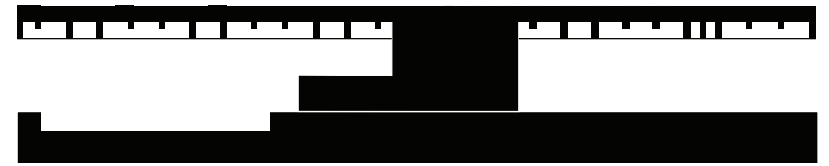
WAY-FINDING

Sky

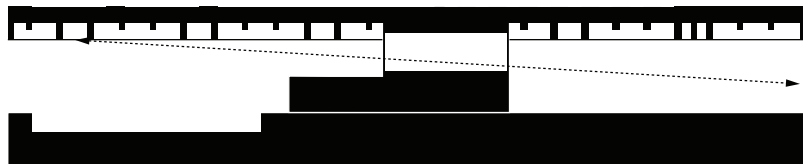
ROOF CONCEPT LAYERS



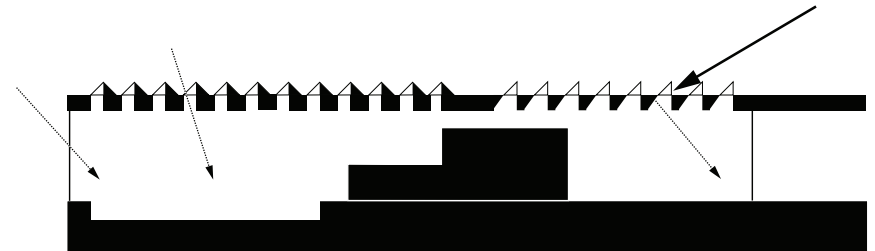
COVER



STRUCTURE



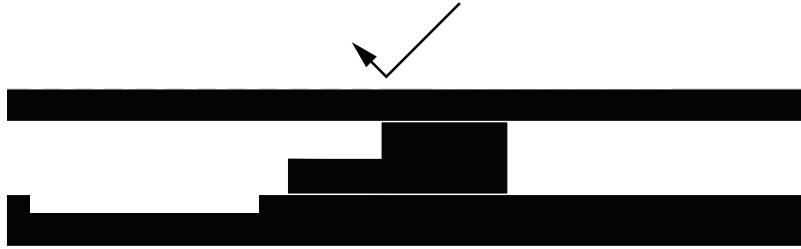
WAY-FINDING



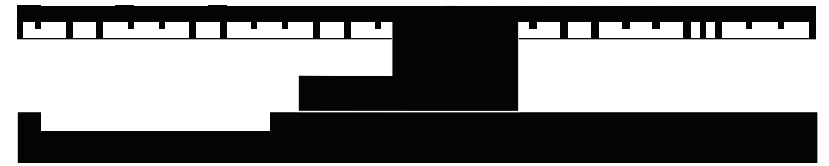
DAYLIGHT

Sky

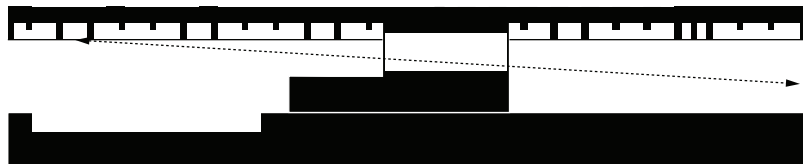
ROOF CONCEPT LAYERS



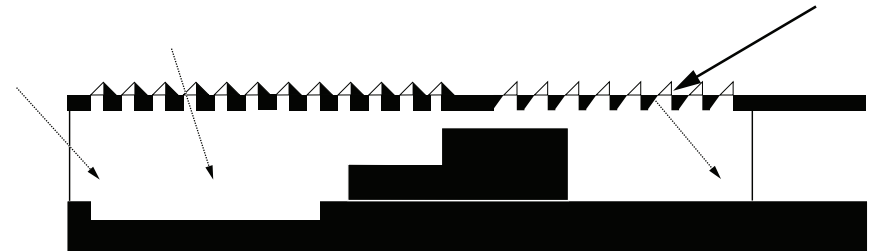
COVER



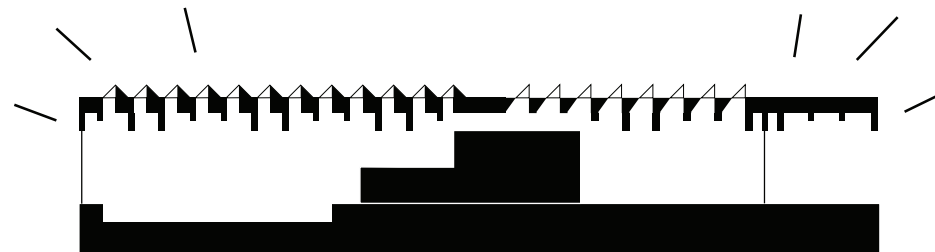
STRUCTURE



WAY-FINDING



DAYLIGHT



IDENTITY

WATER SHAPES EXPERIENCE

ARCHITECTURE CHOREOGRAPHS EXPERIENCE

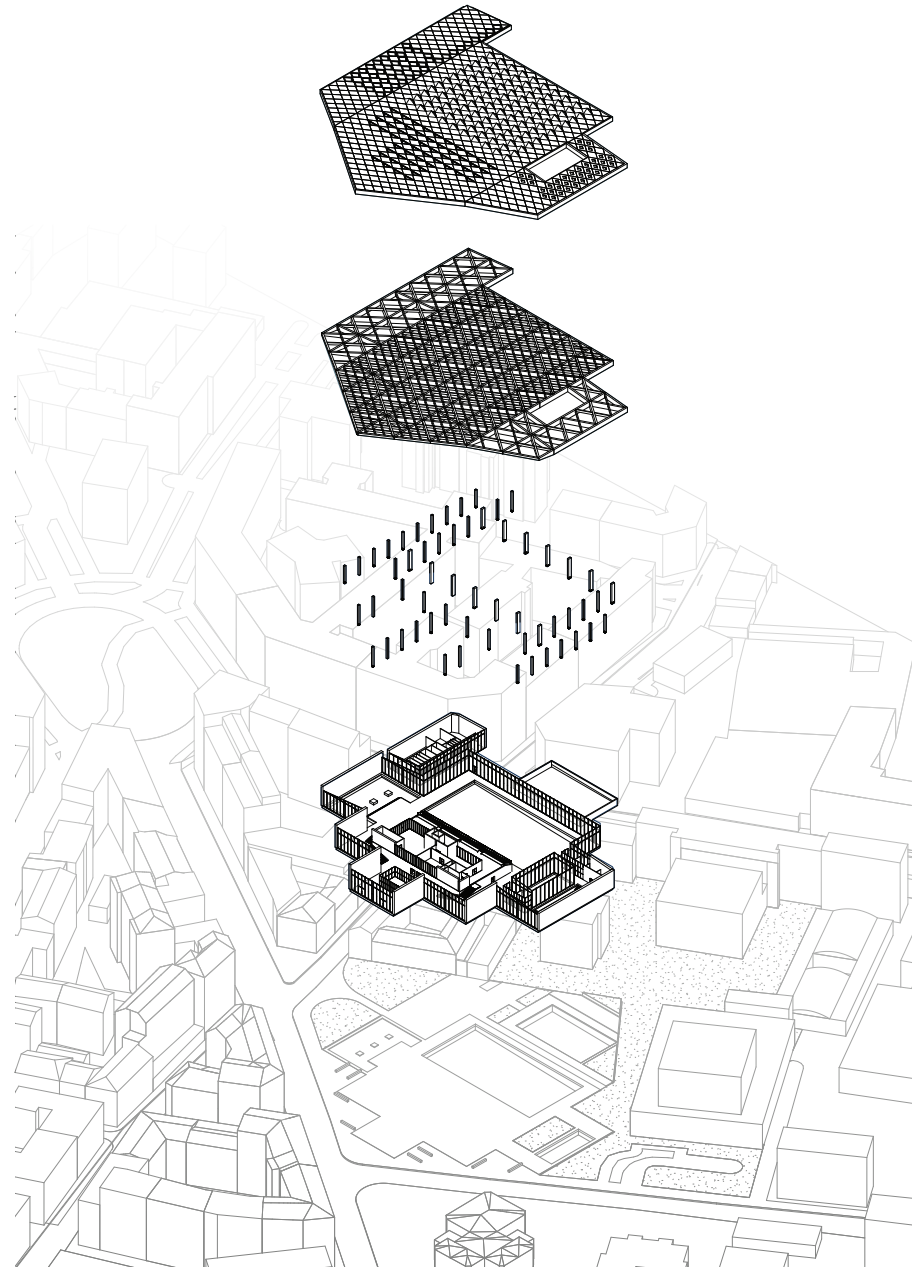
WATER SHAPES EXPERIENCE

THE ROOF UNIFIES EXPERIENCE

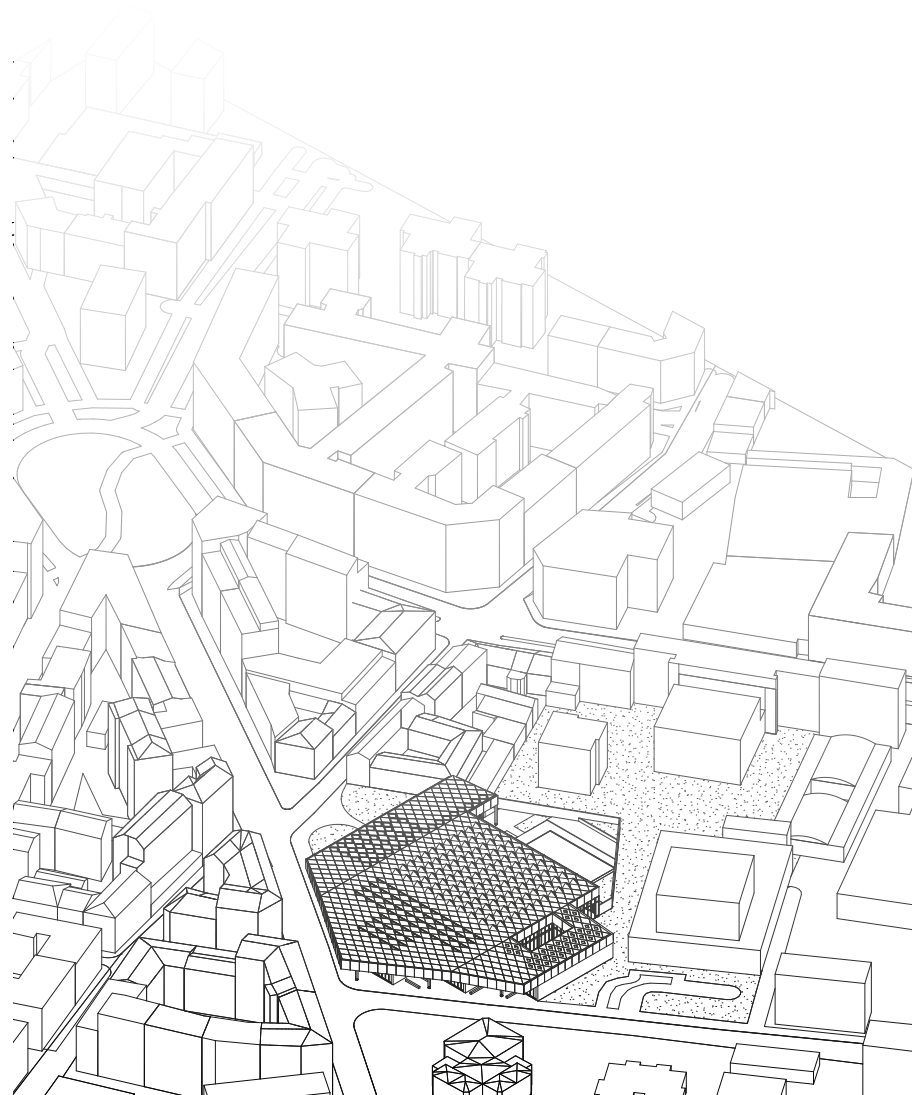
ARCHITECTURE CHOREOGRAPHS EXPERIENCE

WATER SHAPES EXPERIENCE

ROOF AS ORGANISING PRINCIPLE



TIES PROJECT TOGETHER



A large indoor swimming pool with a complex wooden ceiling structure. The ceiling is made of many wooden beams and trusses, creating a series of triangular and rectangular openings. The pool is filled with water, and there are several swimmers. In the foreground, a swimmer is in the water, and another is visible further back. The pool is surrounded by a concrete deck, and there are large windows on the left side. The text "THANK YOU" is overlaid in the center of the image.

THANK YOU