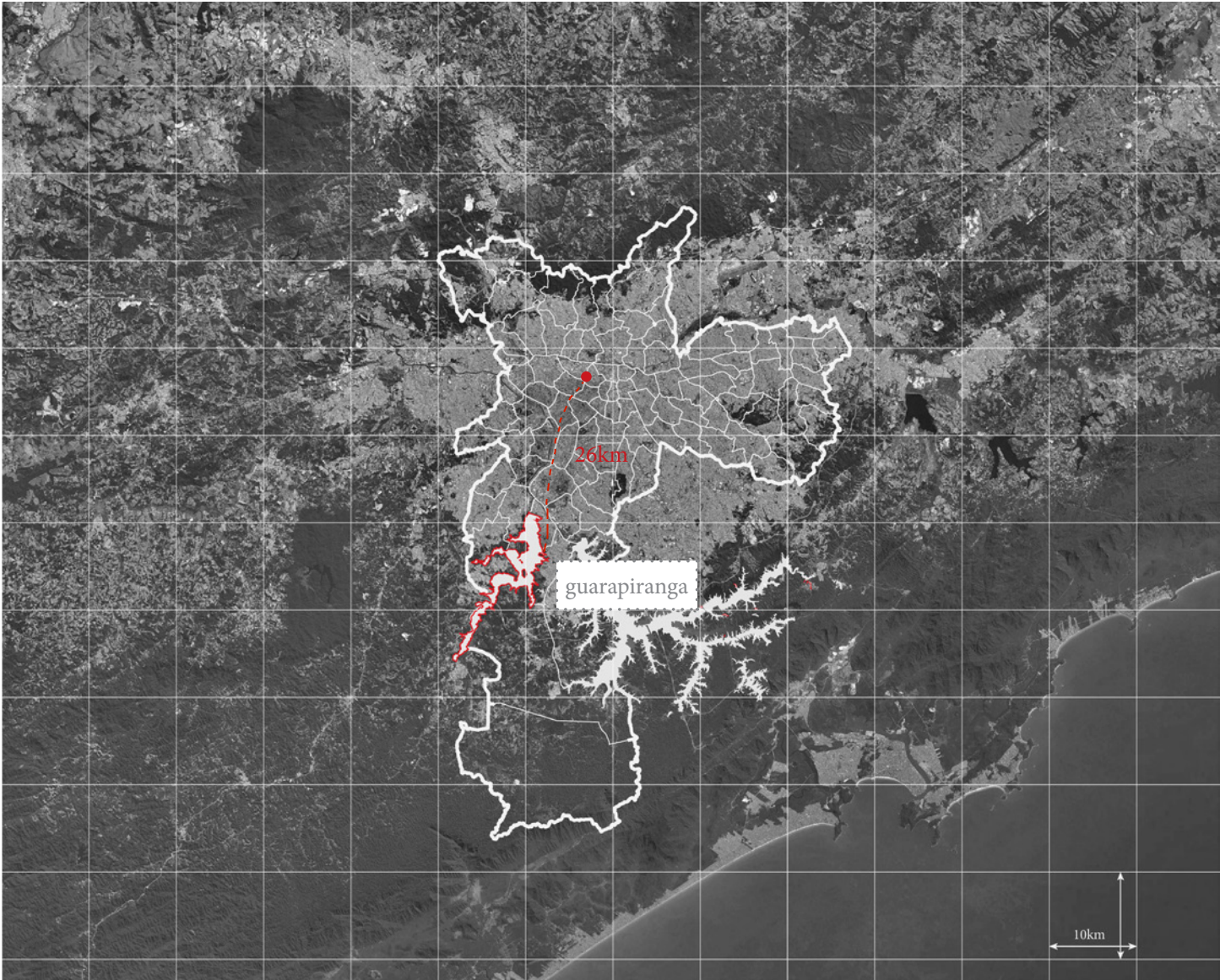


BY THE MARGINS



passages & permanences
in the outskirts são paulo



Satellite image of São Paulo in 2024 overlapped with the city limits and neighborhoods. Guarapiranga Reservoir is highlighted in red.

a fascination

ruins of santapaula yacht club - são paulo





a paradox
of space



a paradox
in time



2024



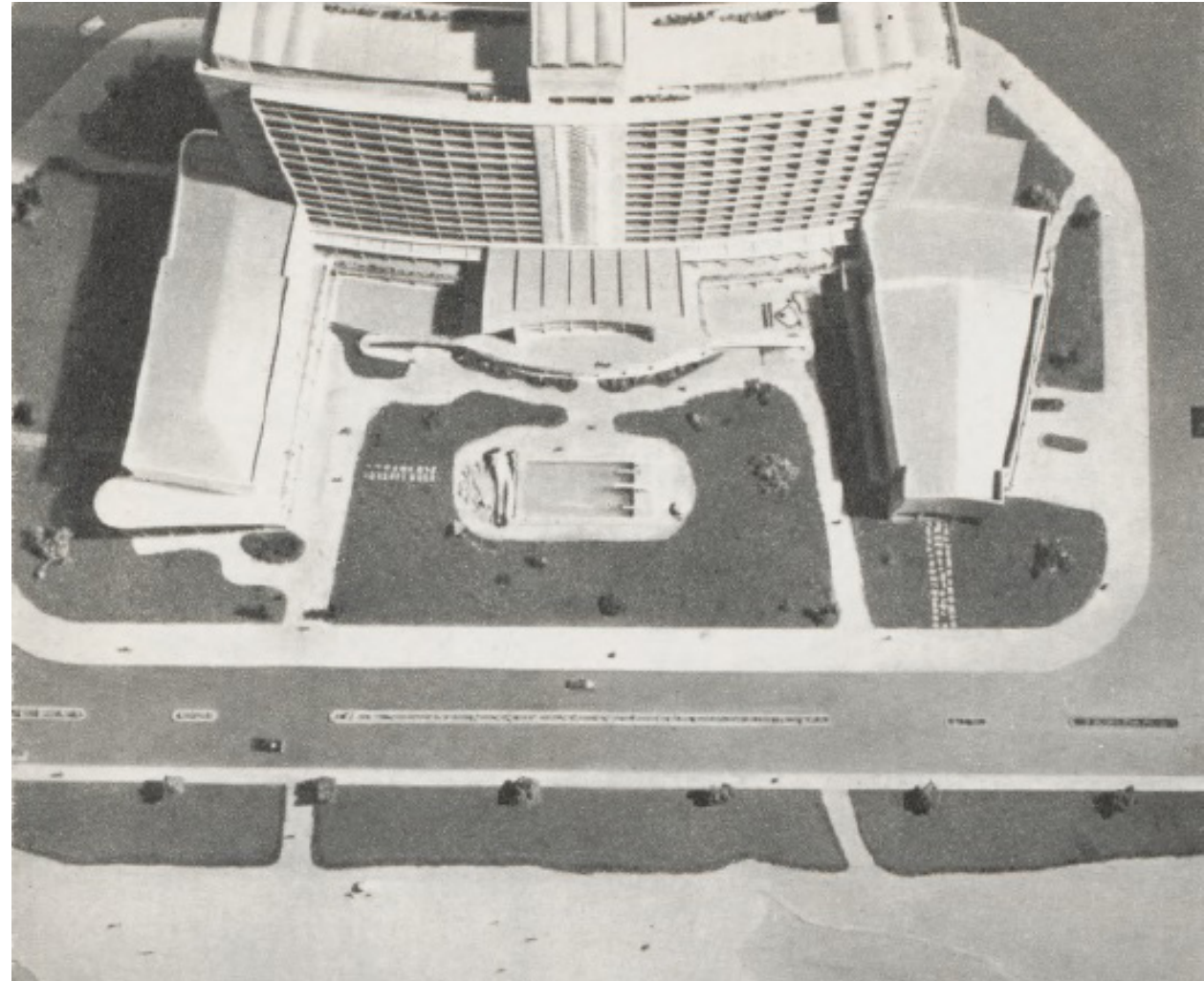
1960

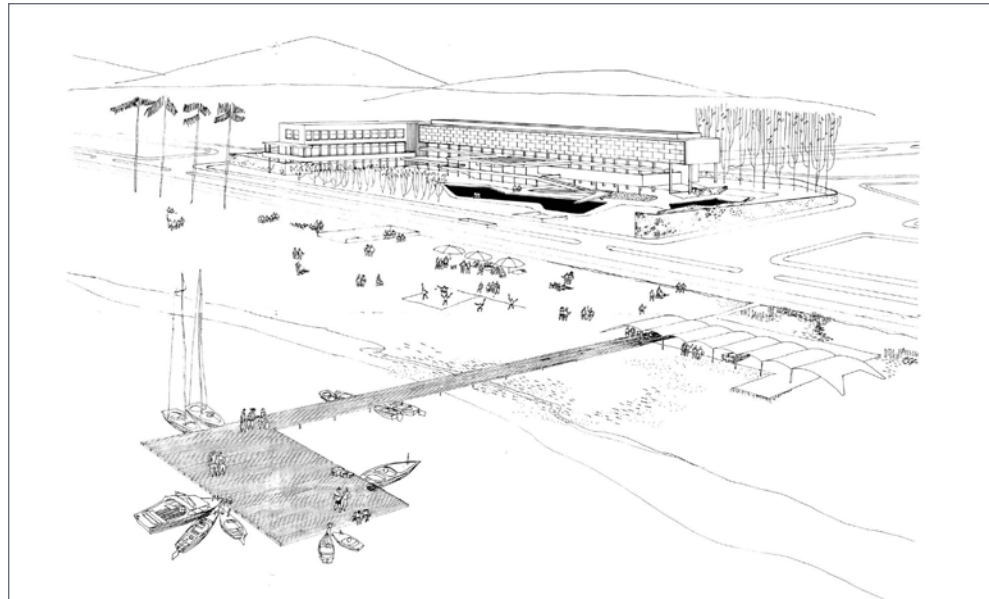


1970



model for "grand hotel interlagos"
by polish architect mikael grabowski





first proposal by
vilanova artigas office



the club under construction,
early 1960s



east façade



the boat garage

interviews

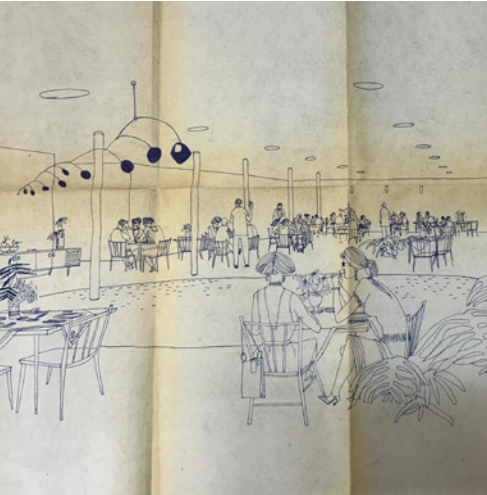
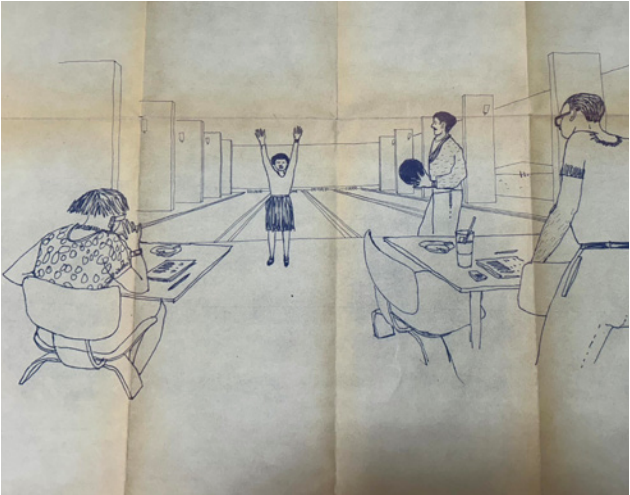
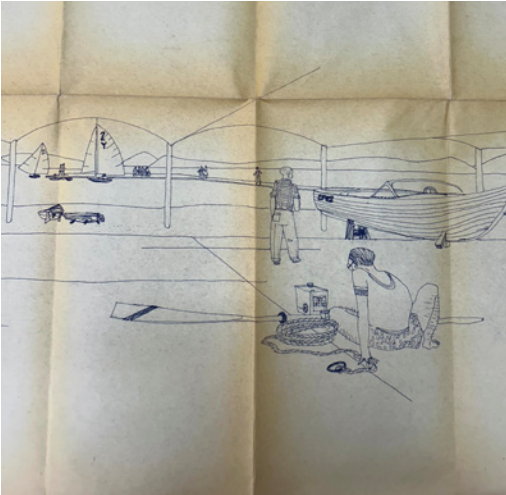


ROSA ARTIGAS
(daughter)



DIRECTORS OF
ARTIGAS INSTITUTE -
VERA DOMSCHKE (collaborator)
MARCO ARTIGAS (grandson)

visit to vilanova artigas' archive
fau-usp



vilanova artigas'
spatial approach



leisure balneary
jaú, são paulo. 1975.



elementary school "conselheiro crispiniano"
guarulhos, são paulo. 1962.



faculty of architecture and urbanism (fau-usp)
são paulo. 1968.



black and white photo tuca vieira, color photo by ciro miguel

a theme

passages & permanences



spatial



temporal

spatial



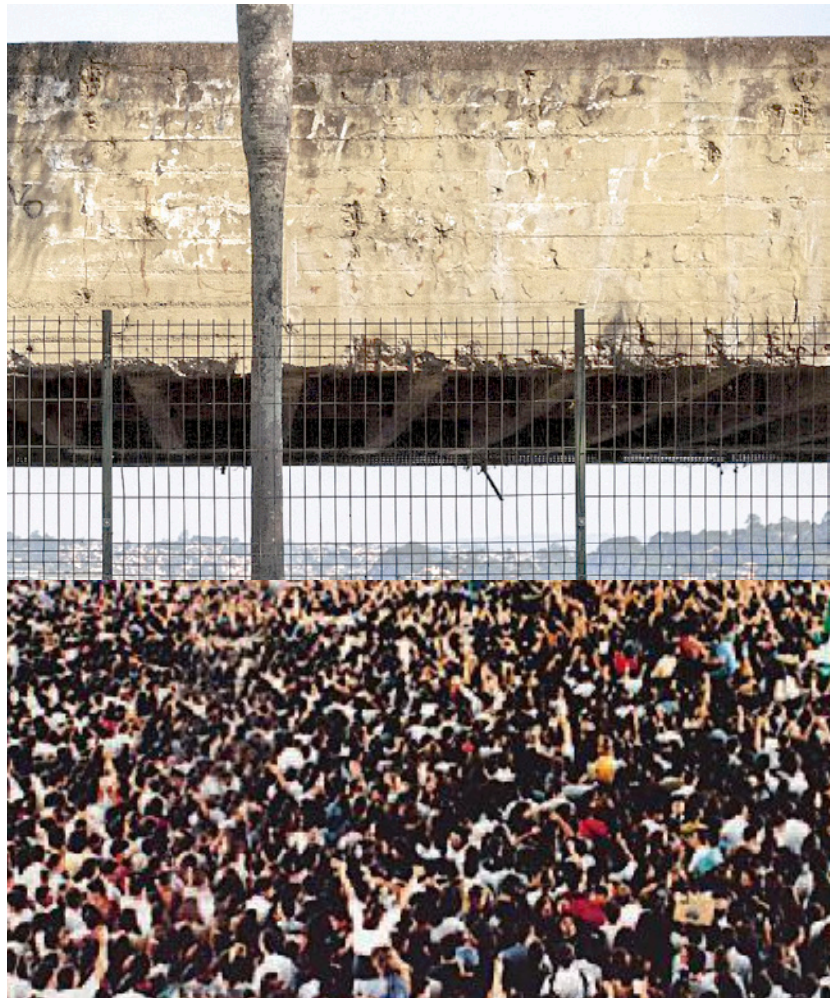
temporal

spatial





different uses of the free span under the
museum of art of são paulo



“Deprived of infrastructure, public equipment, adequate and sufficient transportation services, the outskirts of São Paulo are the expression of *urbanization without urbanity.*”

Regina Meyer

urban planning professor - university of são paulo

spatial

logics of passages



freeways
marginal pinheiros

logics of permanences



educational / institutional equipment
ceu aricanduva

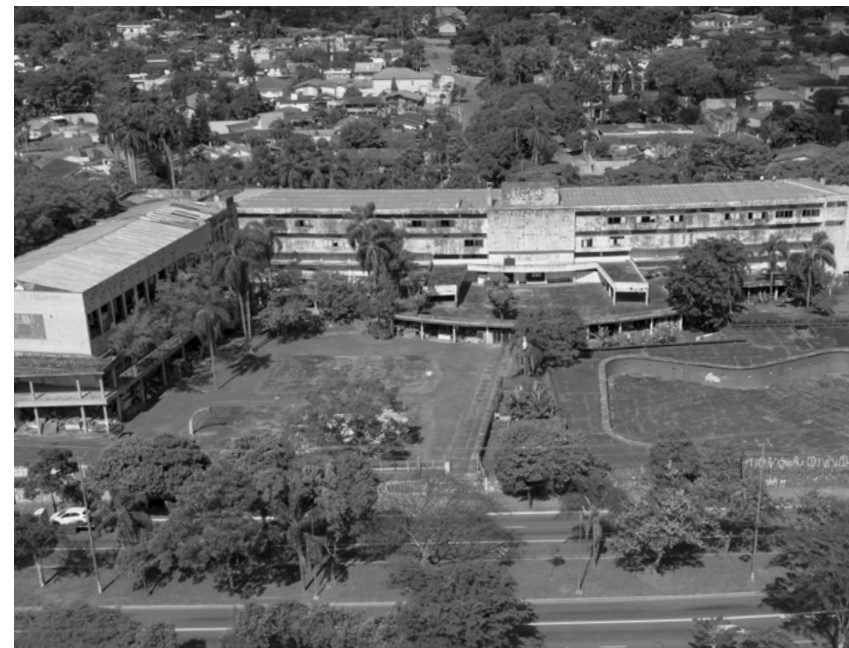
temporal

logics of passages



demolition

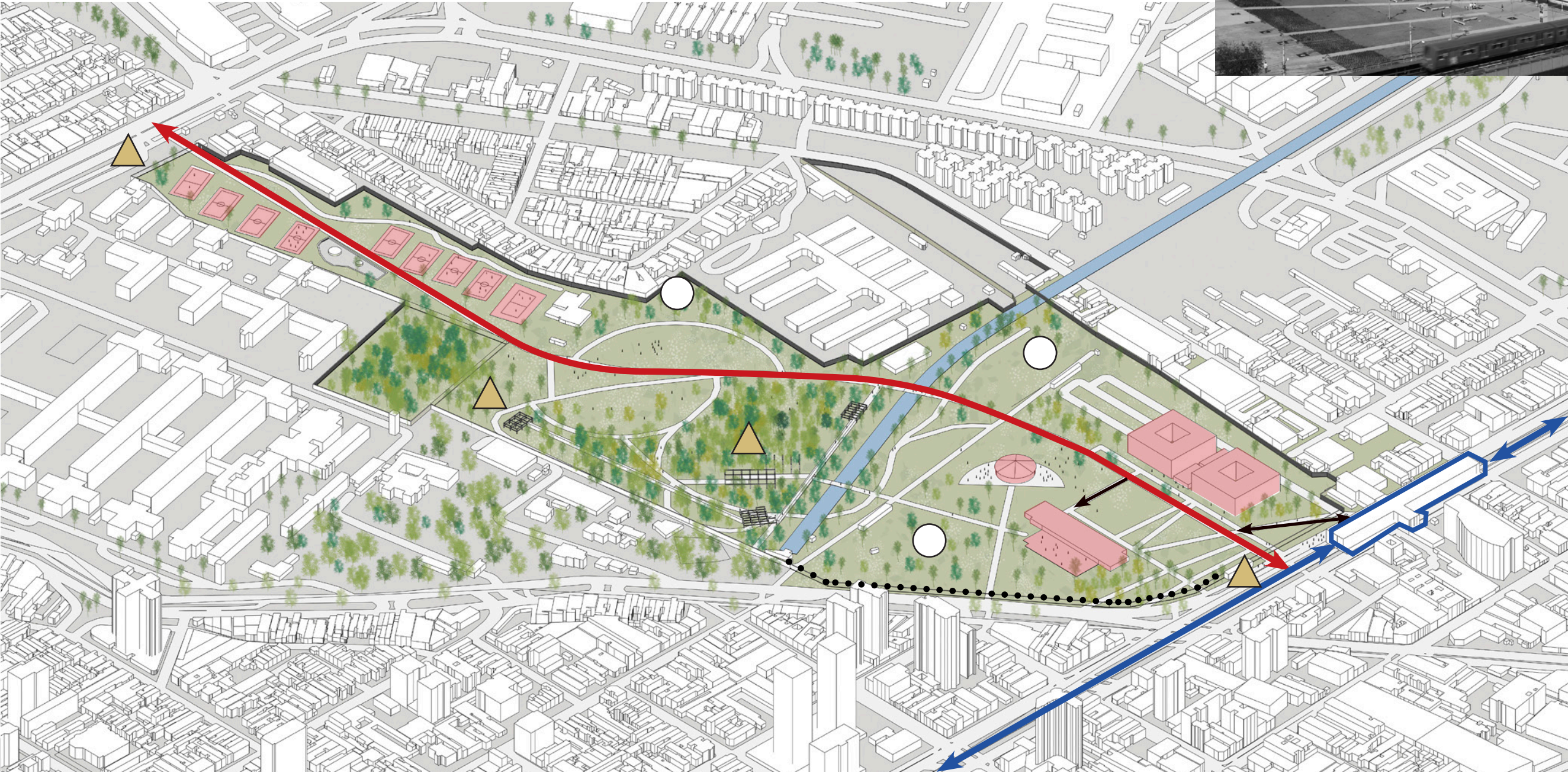
logics of permanences





modern ruins

In the context of spatial practices in the outskirts of São Paulo, how can the dynamics between spaces of passages and spaces of permanences create affordances for places of urbanity?

case study: youth park - parque de juventude
urban tensions

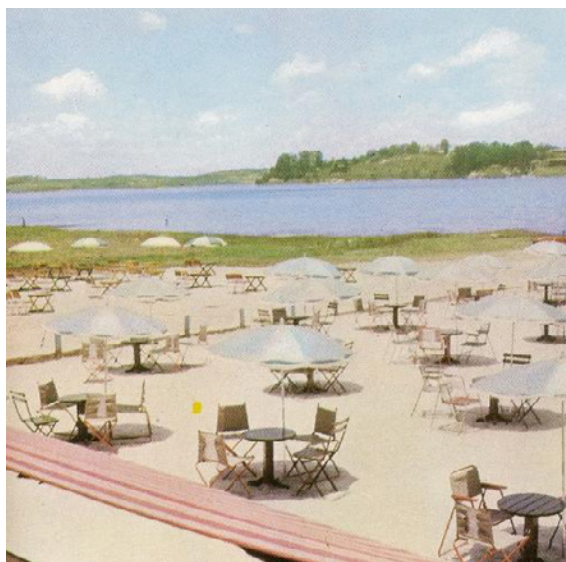


-  area with reported crime
-  frequently unused spots
-  fence installed in 2018



drone capture
december 2024

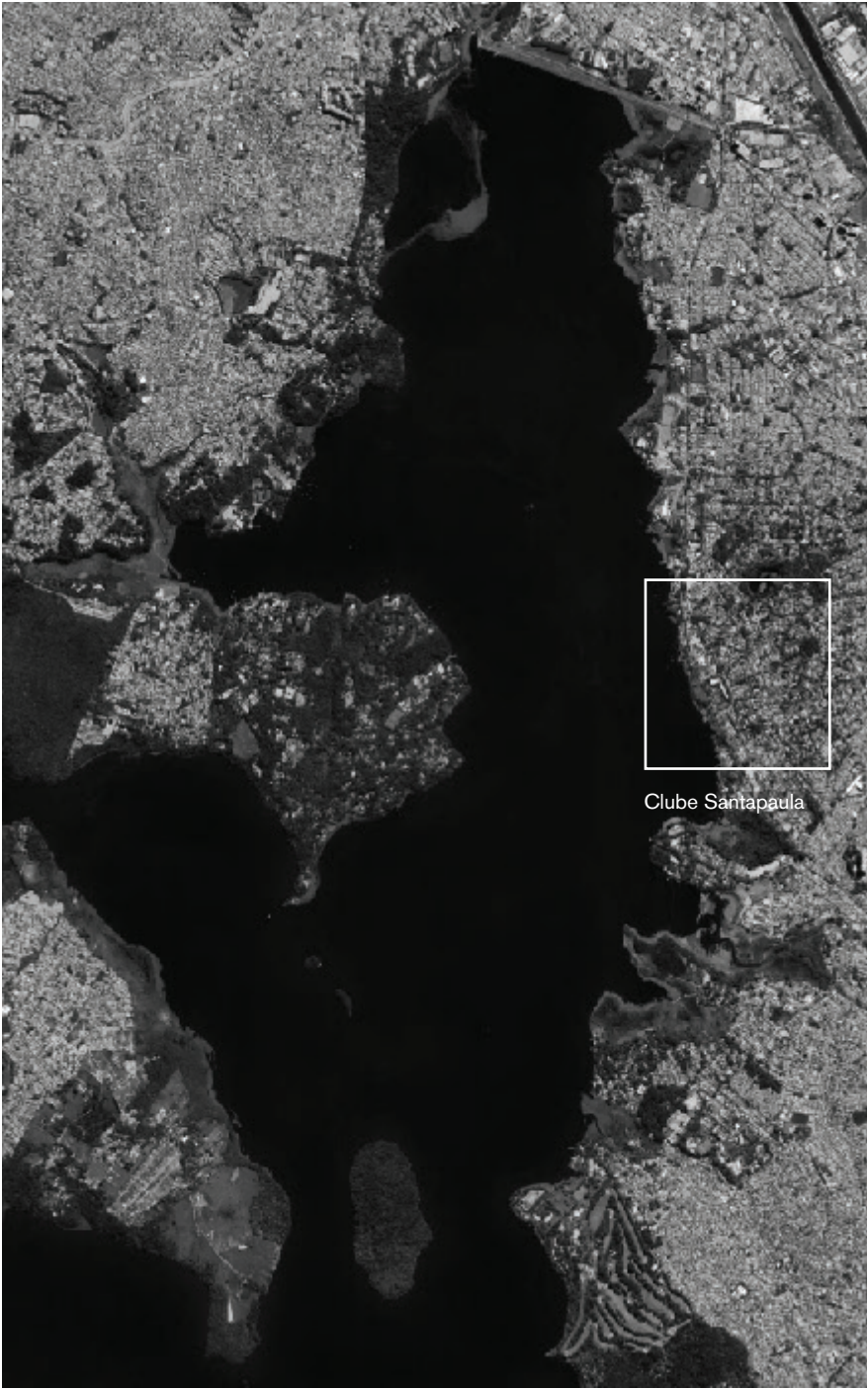
in 1950 there were 14.924 inhabitants in the surroundings of the Guarapiranga Reservoir



Aerial Photo, 1954.



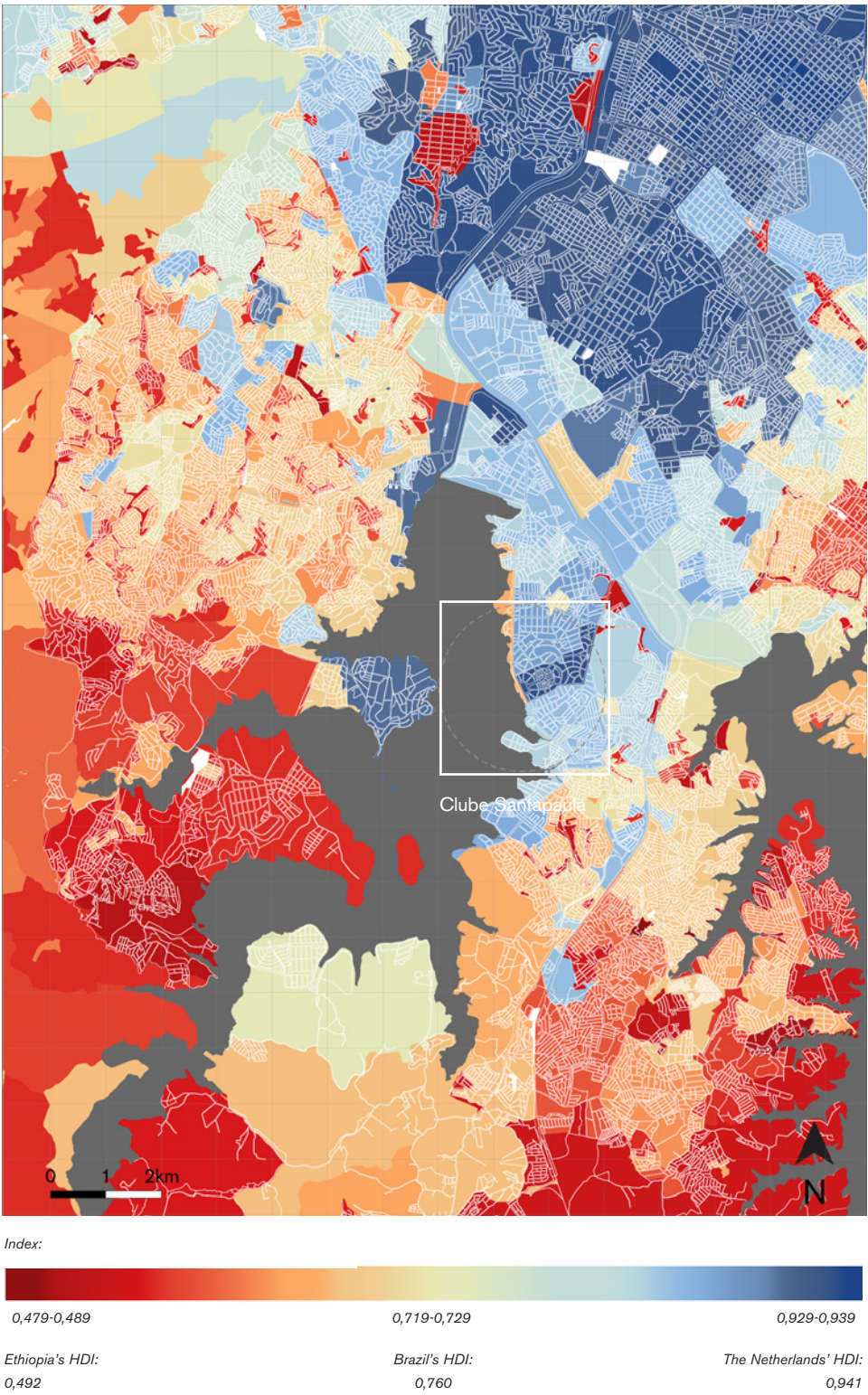
in 2020 there were 944.938 inhabitants in the surroundings of the Guarapiranga Reservoir



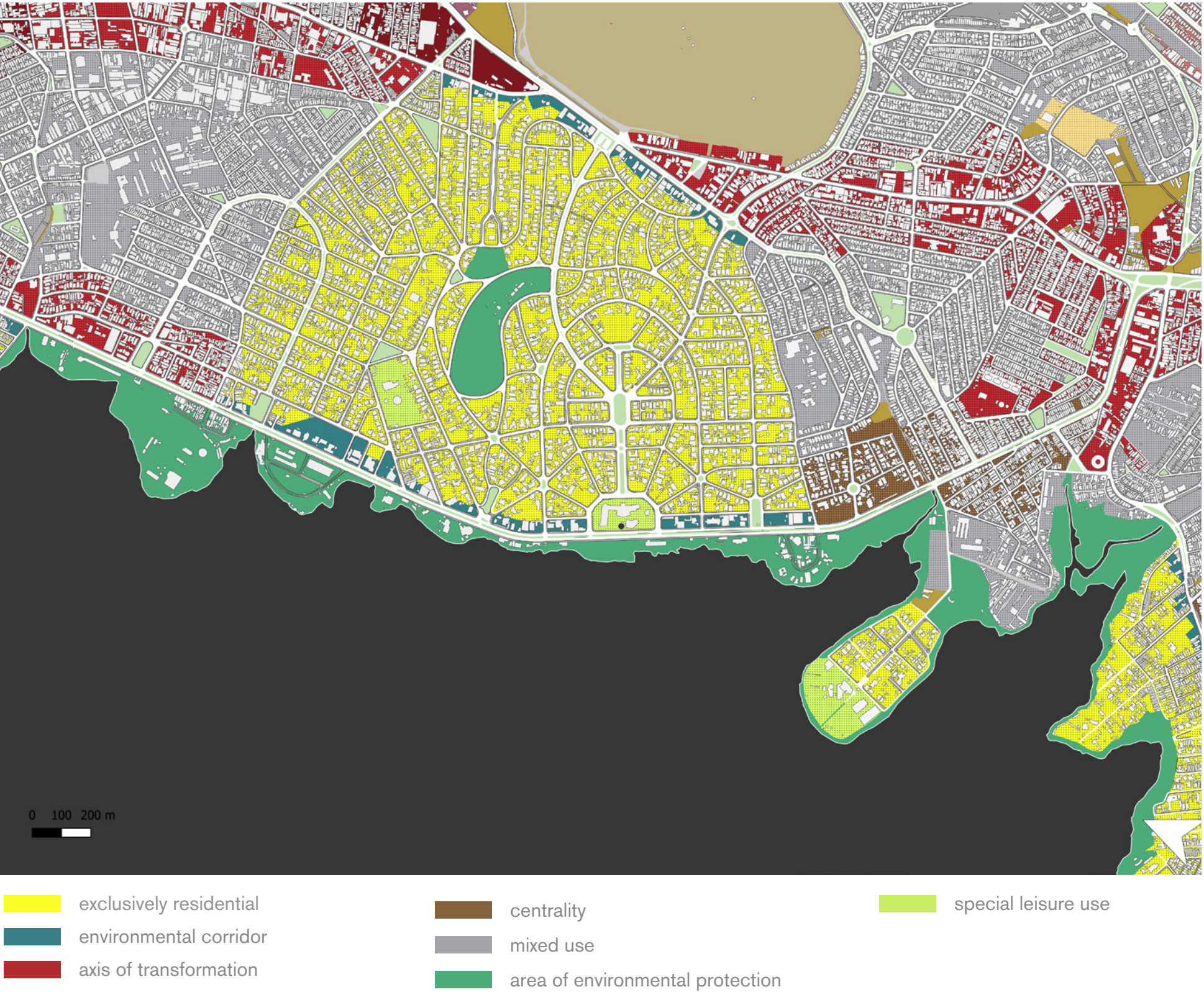
satellite image, 2024.

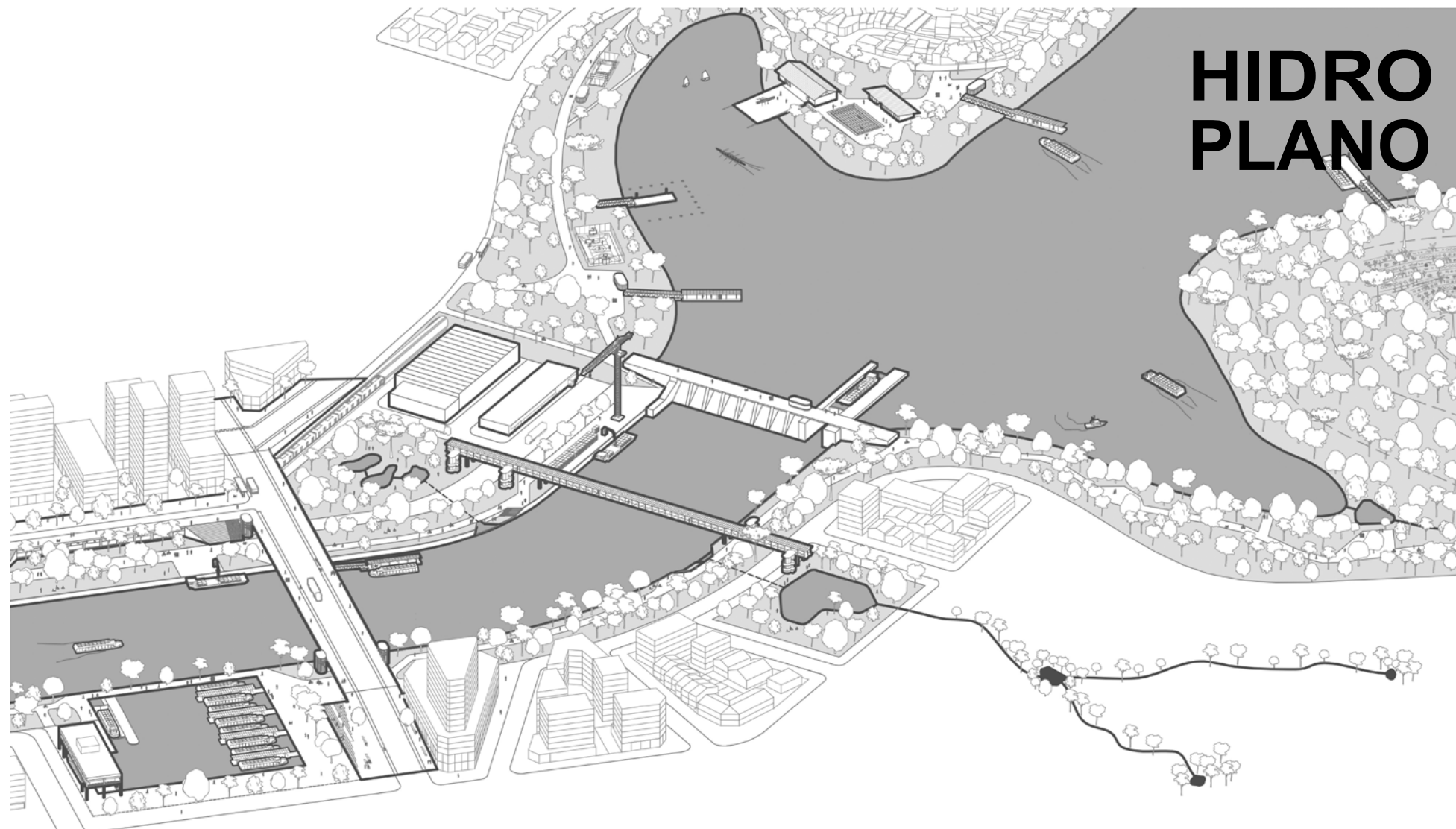


human development index

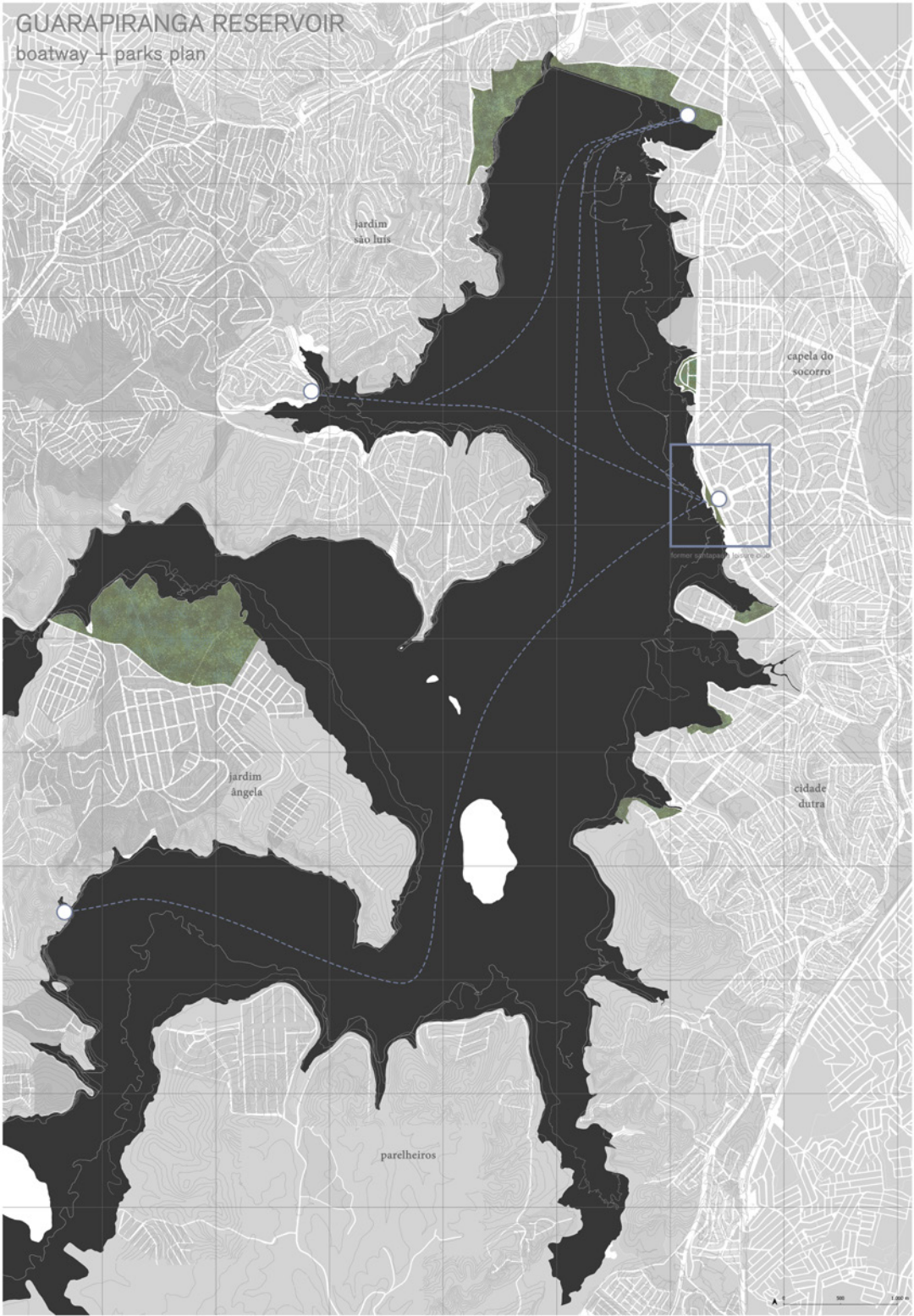


urban zoning





bird's eye view included in the hidro plano.
municipality of são paulo, 2024.





Images officially shared by the municipality of São Paulo

What if the surroundings of the new Santapaula boat station were further integrated into the current needs of Guarapiranga inhabitants so that this incoming node of passages could also configure new stages for permanences?



BY THE MARGINS

a hypothesis

A HYPOTHESIS



A HYPOTHESIS

BY THE MARGINS

Public Parks

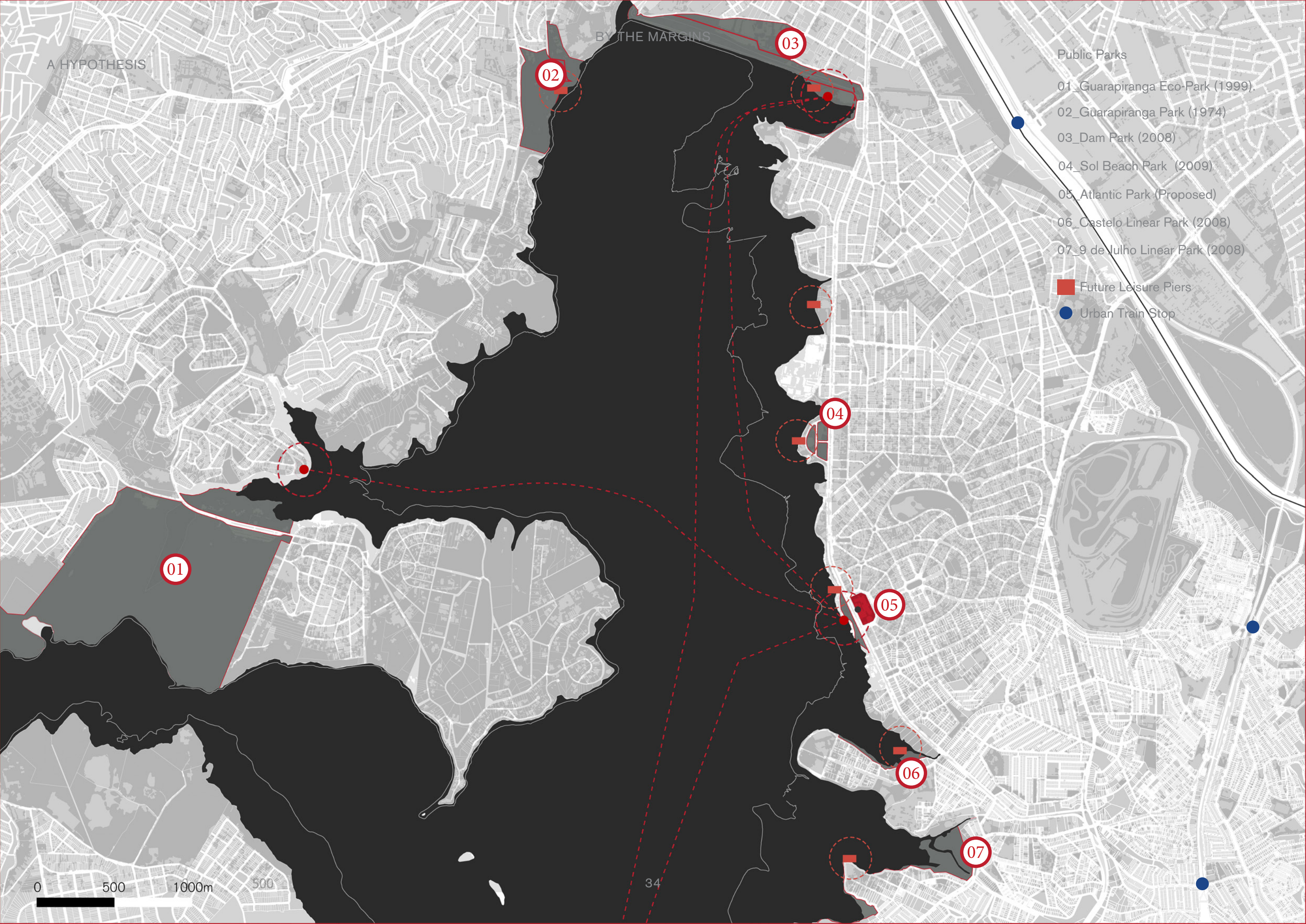
- 01_Guarapiranga Eco-Park (1999).
- 02_Guarapiranga Park (1974)
- 03_Dam Park (2008)
- 04_Sol Beach Park (2009)
- 05_Atlantic Park (Proposed)
- 06_Castelo Linear Park (2008)
- 07_9 de Julho Linear Park (2008)

Future Leisure Piers

Urban Train Stop

0 500 1000m 500

34



A HYPOTHESIS

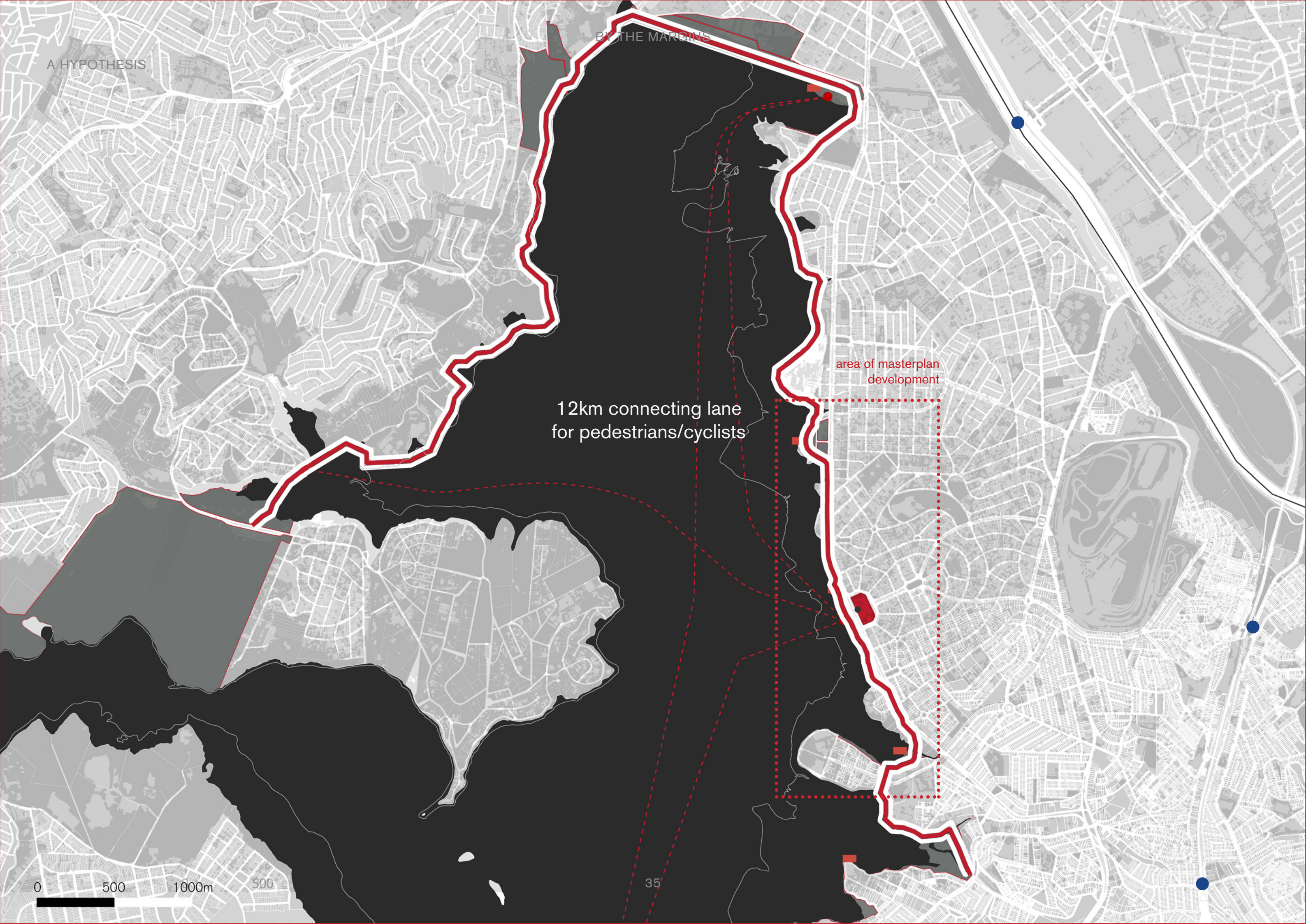
BY THE MARGINS

12km connecting lane
for pedestrians/cyclists

area of masterplan
development

0 500 1000m 500

35



A HYPOTHESIS

BY THE MARGINS

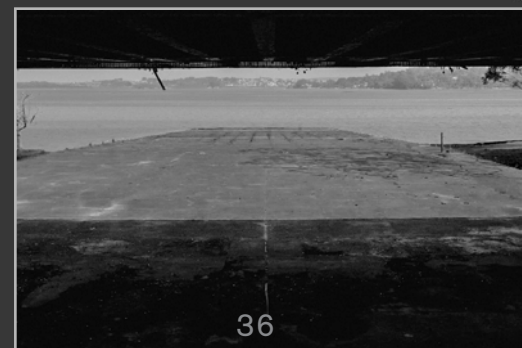


leisure
activities

existing
"praia do sol" park

sports
activities

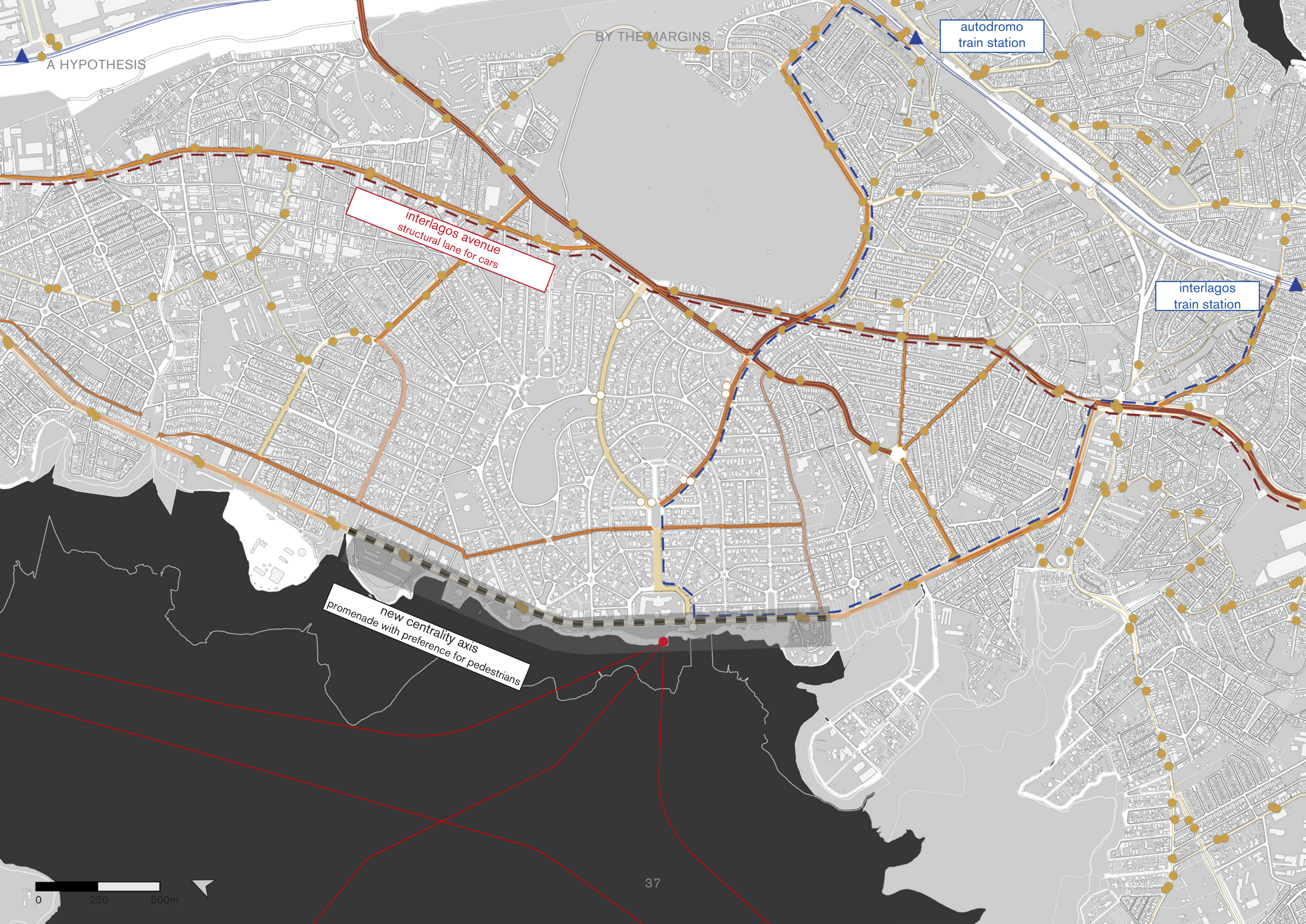
new "praia de
são paulo" park



contemplation
activities

existing
"castelo" linear park

0 250 500m



A HYPOTHESIS

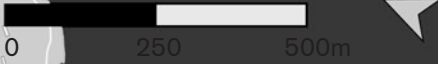
BY THE MARGINS

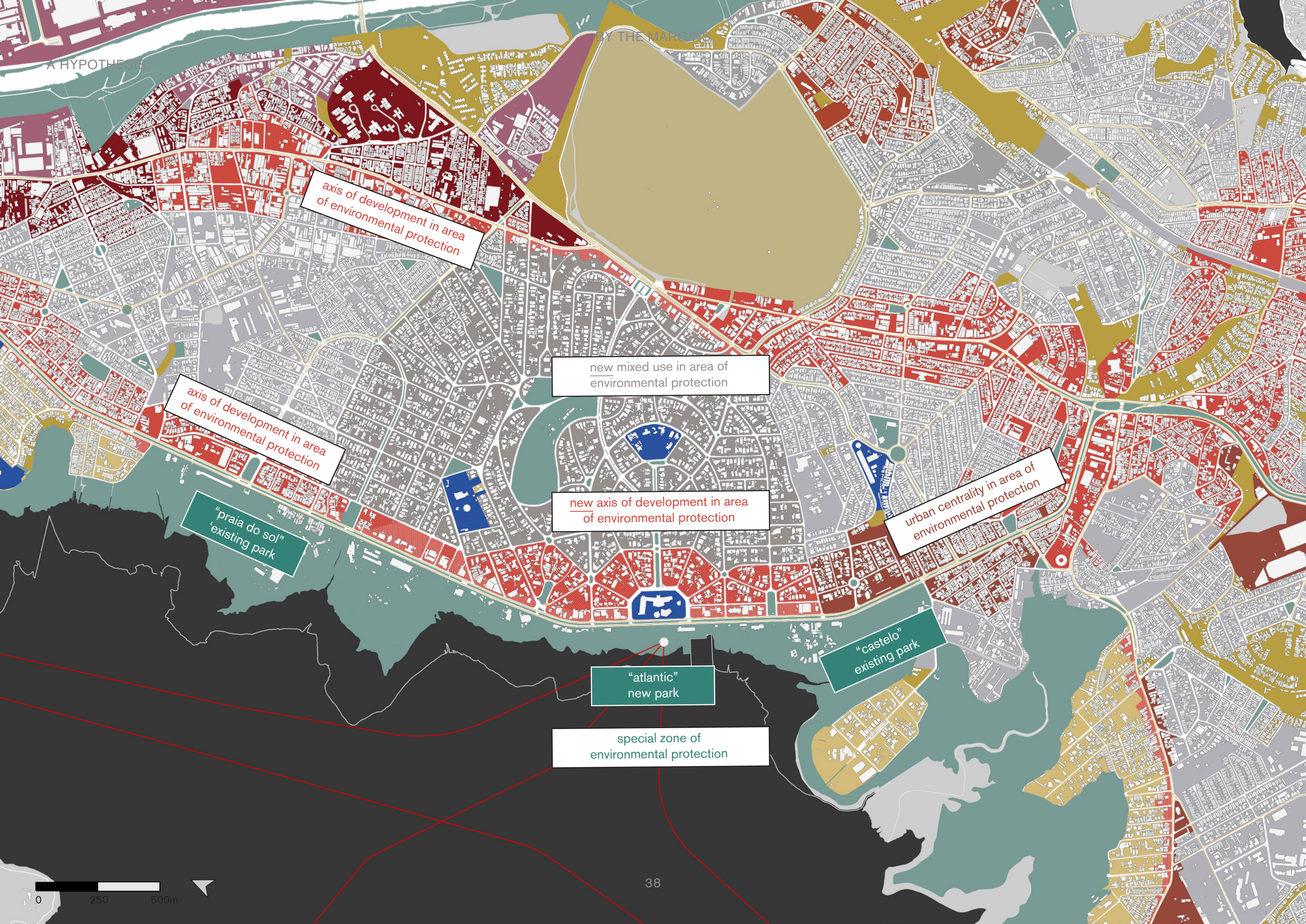
autodromo
train station

interlagos avenue
structural lane for cars

interlagos
train station

new centrality axis
promenade with preference for pedestrians





praia do
sol park

atlantico
park (new)

castelo park





BY THE MARGINS

market

restaurants

hotel

youth
sports
center

school

marina

water sports
center

theater

boat stop

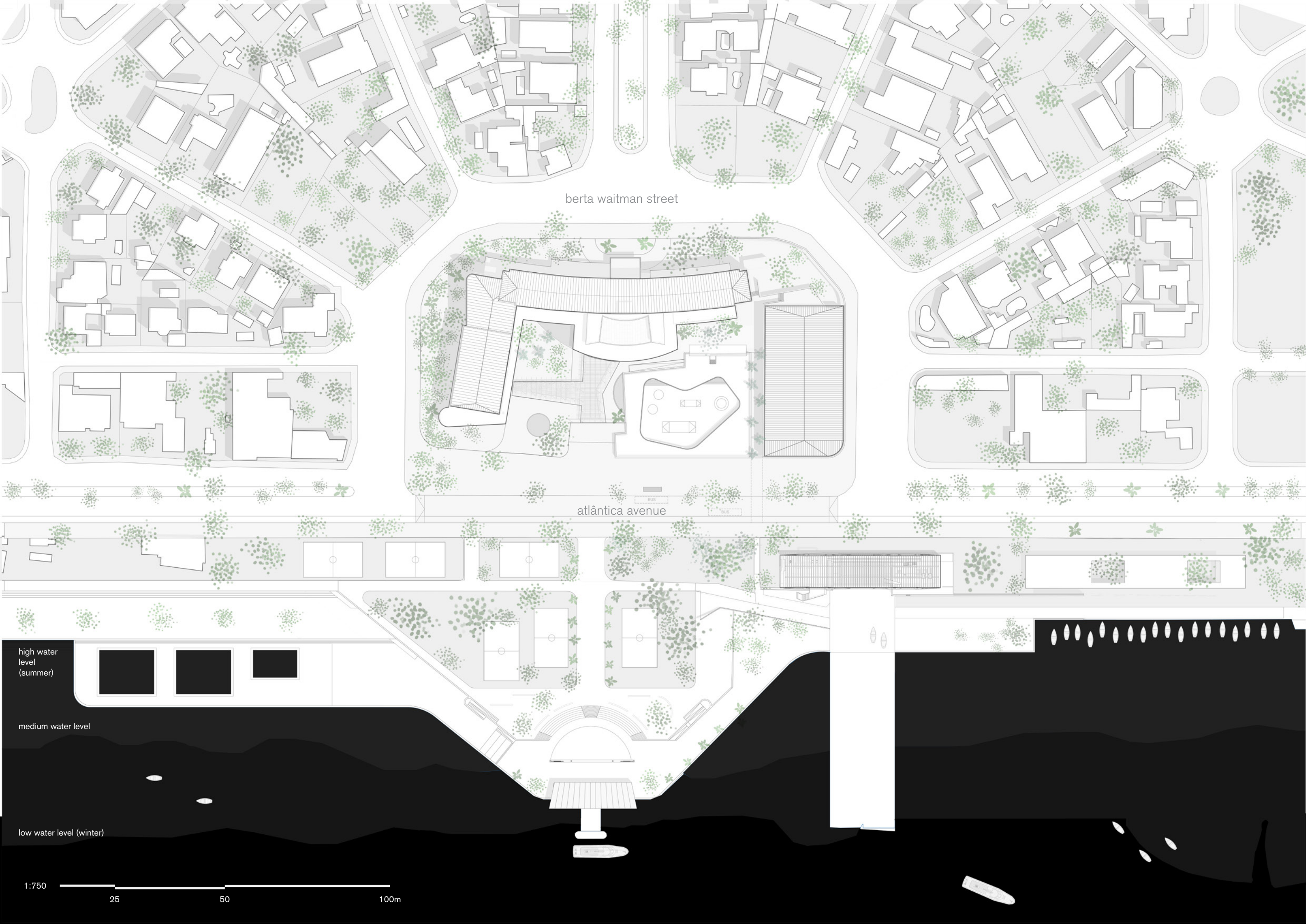
pavillion

watchtower





area for design development



berta waitman street

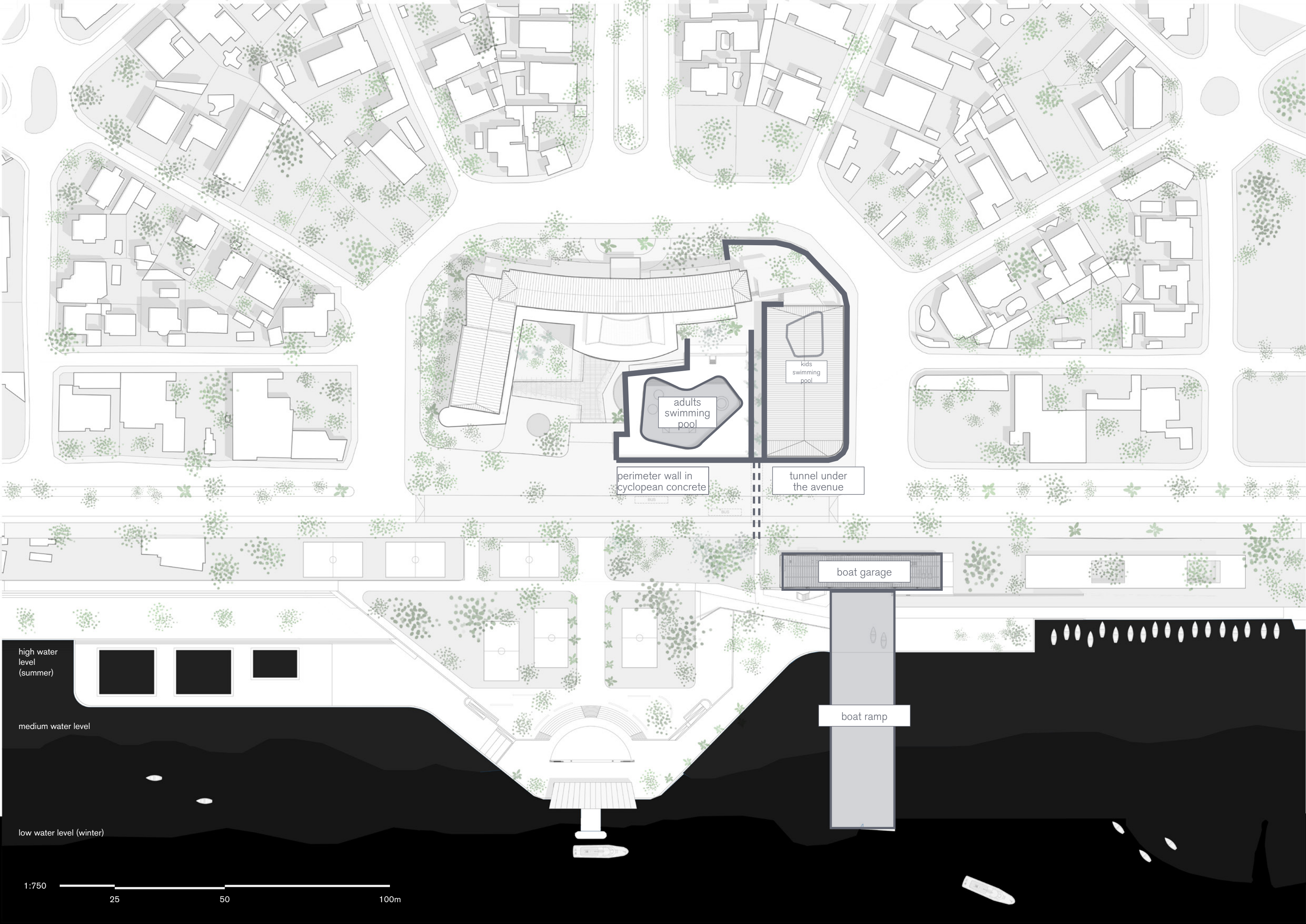
atlântica avenue

high water
level
(summer)

medium water level

low water level (winter)

1:750
25 50 100m



adults
swimming
pool

kids
swimming
pool

perimeter wall in
cyclopean concrete

tunnel under
the avenue

boat garage

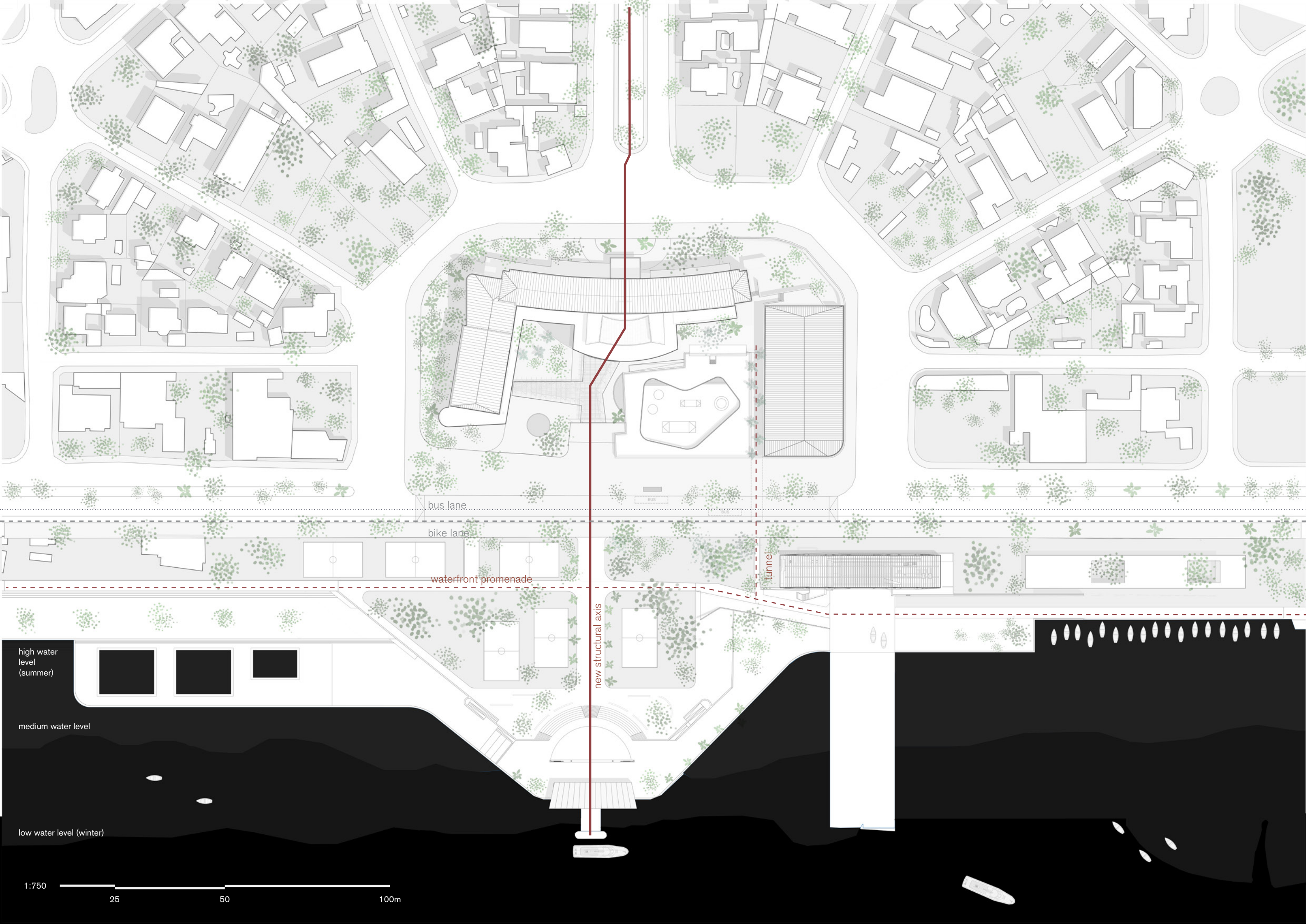
boat ramp

high water
level
(summer)

medium water level

low water level (winter)

1:750
25 50 100m



bus lane

bike lane

waterfront promenade

tunnel

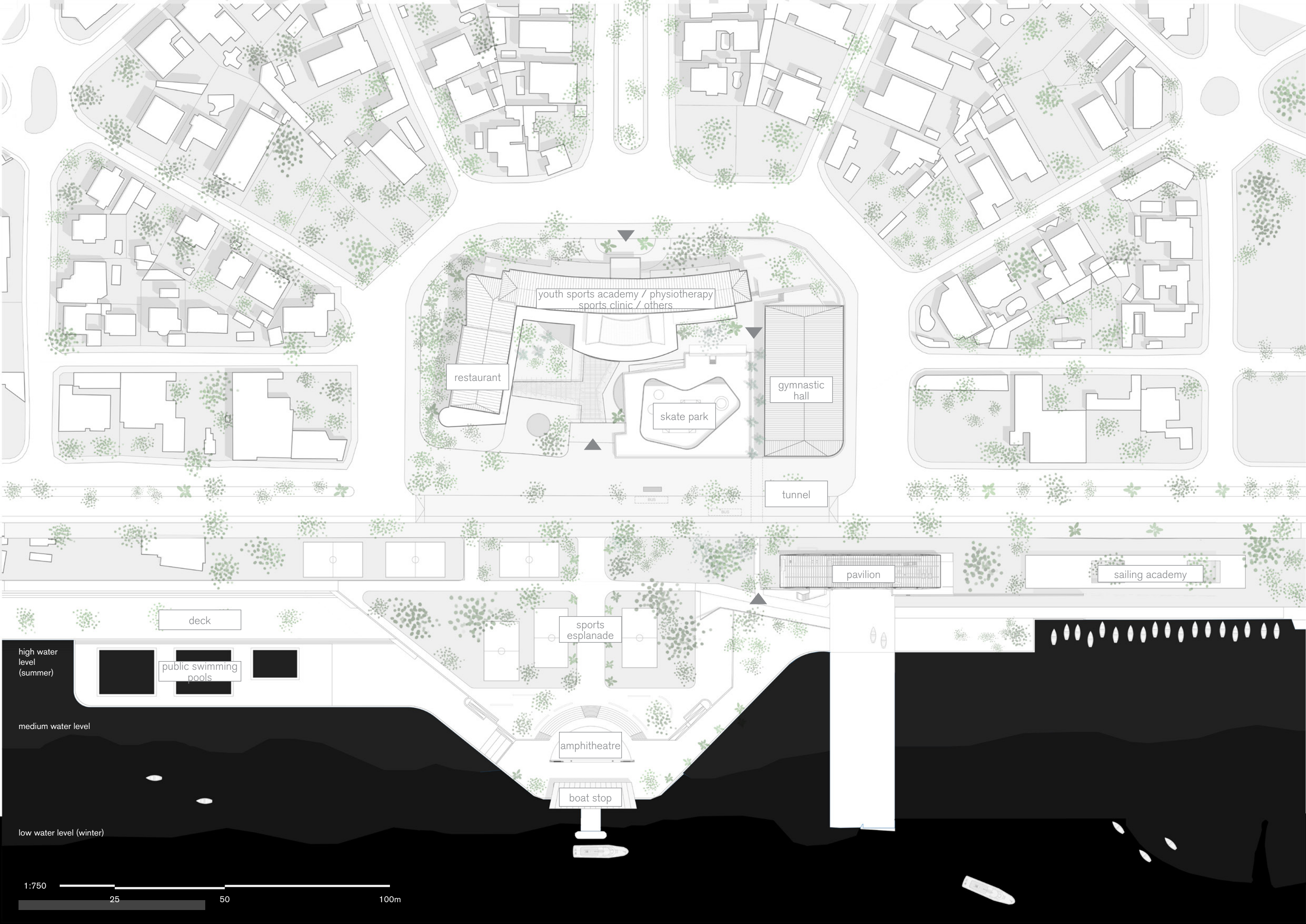
new structural axis

high water level
(summer)

medium water level

low water level (winter)

1:750
25 50 100m



youth sports academy / physiotherapy
sports clinic / others

restaurant

skate park

gymnastic
hall

tunnel

pavilion

sailing academy

deck

public swimming
pools

sports
esplanade

amphitheatre

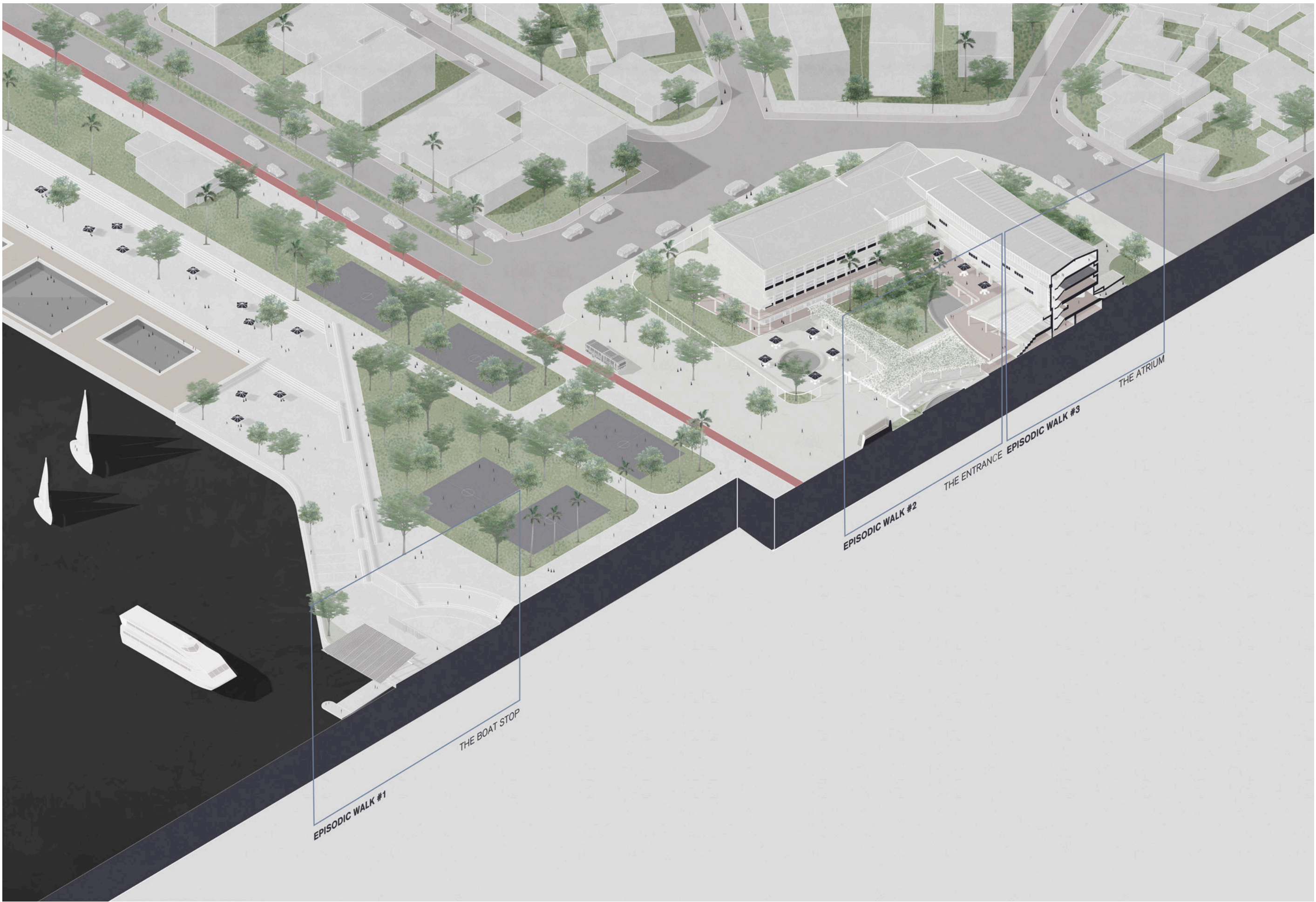
boat stop

high water
level
(summer)

medium water level

low water level (winter)

1:750
25 50 100m





EPISODIC WALK #1

**PASSAGES &
PERMANENCES
BETWEEN
WATER & LAND**

THE BOAT STOP



VIEW FROM THE RESERVOIR - DAY



VIEW FROM THE RESERVOIR - NIGHT

vilanova artigas' buildings



jaú bus station, vilanova artigas
jaú, são paulo, 1974

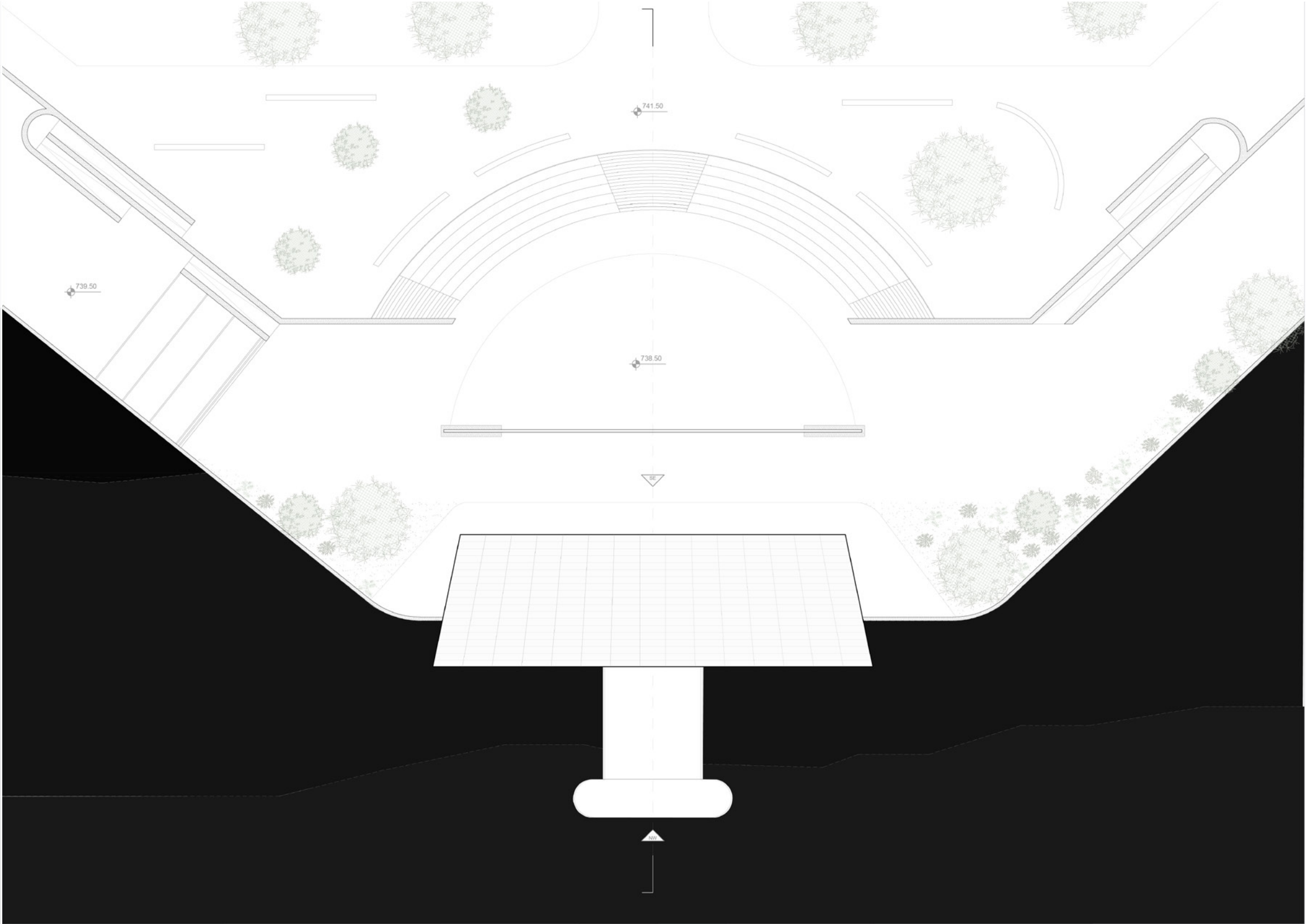
other projects in brazil



market by the square, messina rivas
realengo, rio de janeiro, 2023

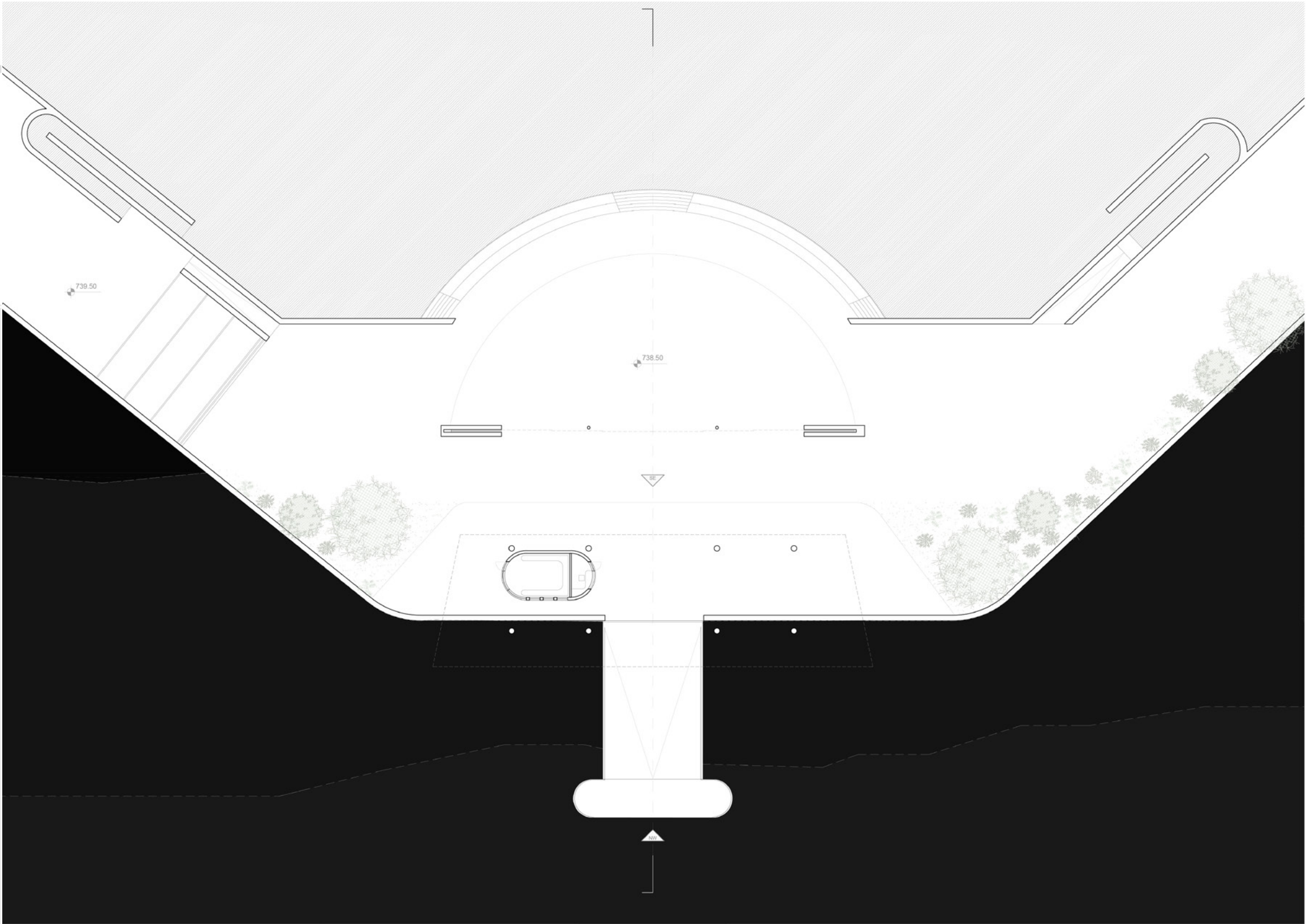


multiuse shelter, messina rivas
realengo, rio de janeiro, 2022



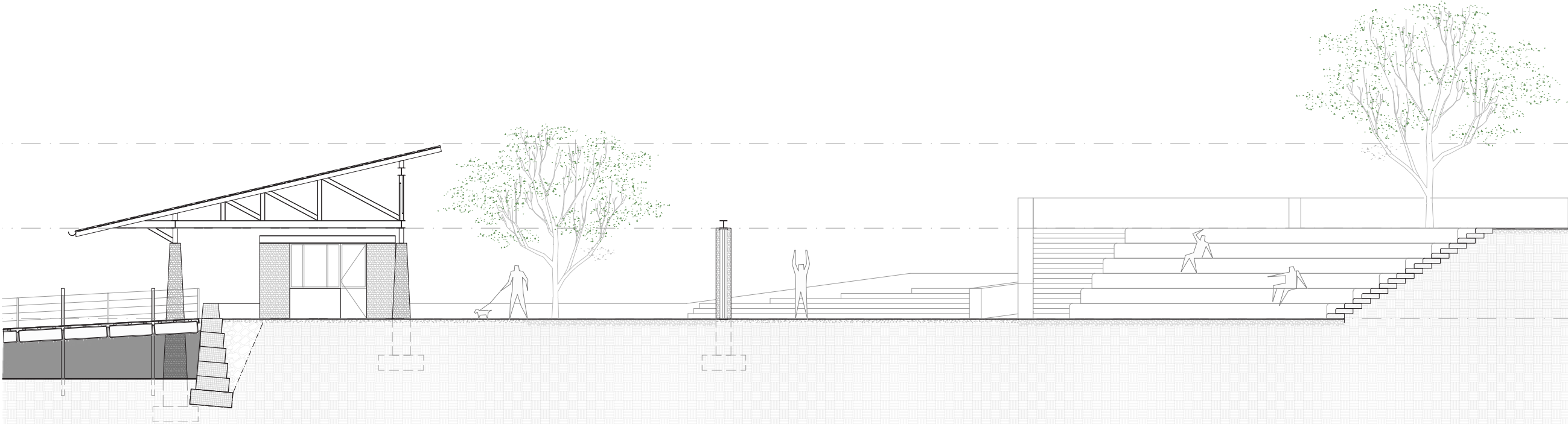
ROOF PLAN





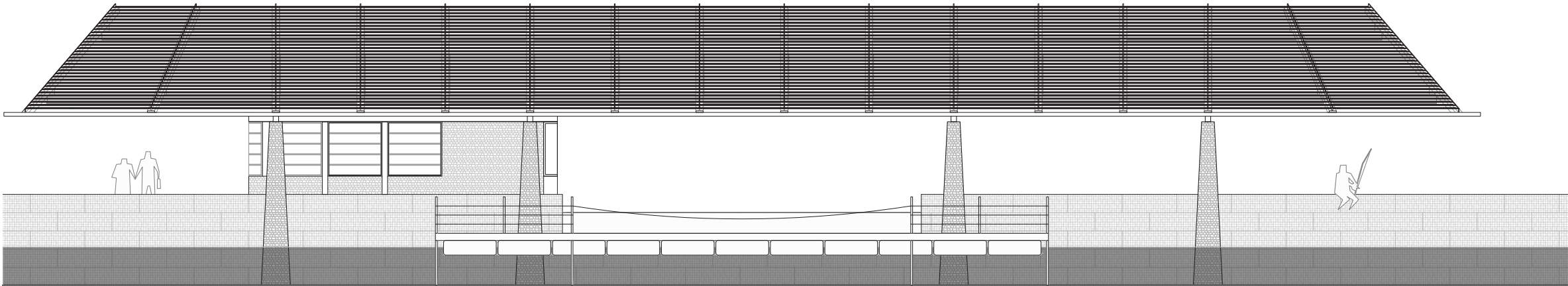
GROUND FLOOR PLAN





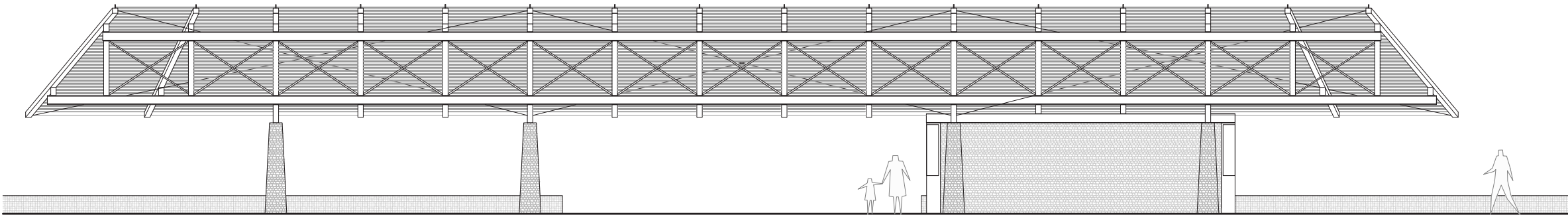
CROSS SECTION





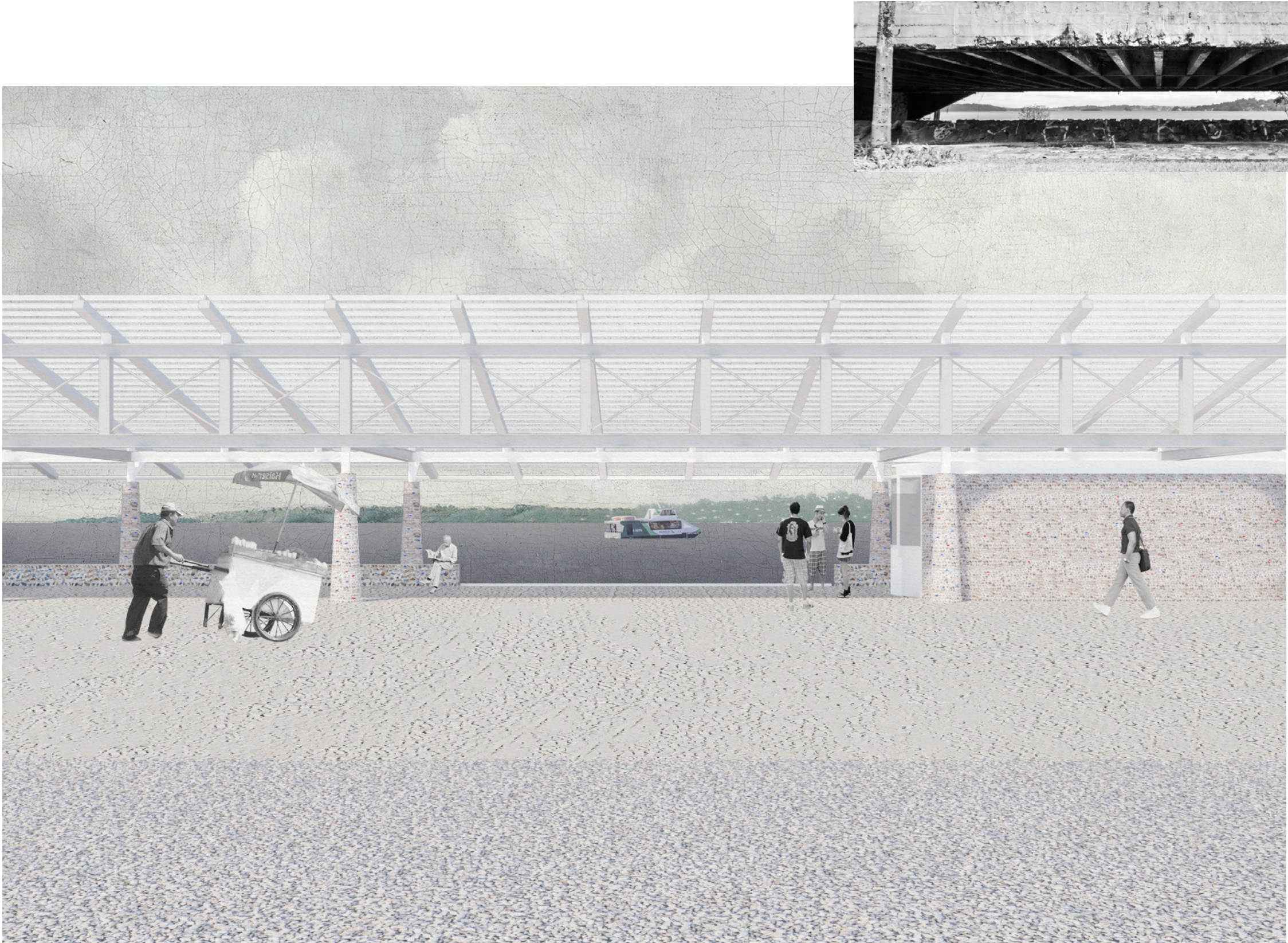
WEST ELEVATION

1:100 1 2 5m



EAST ELEVATION

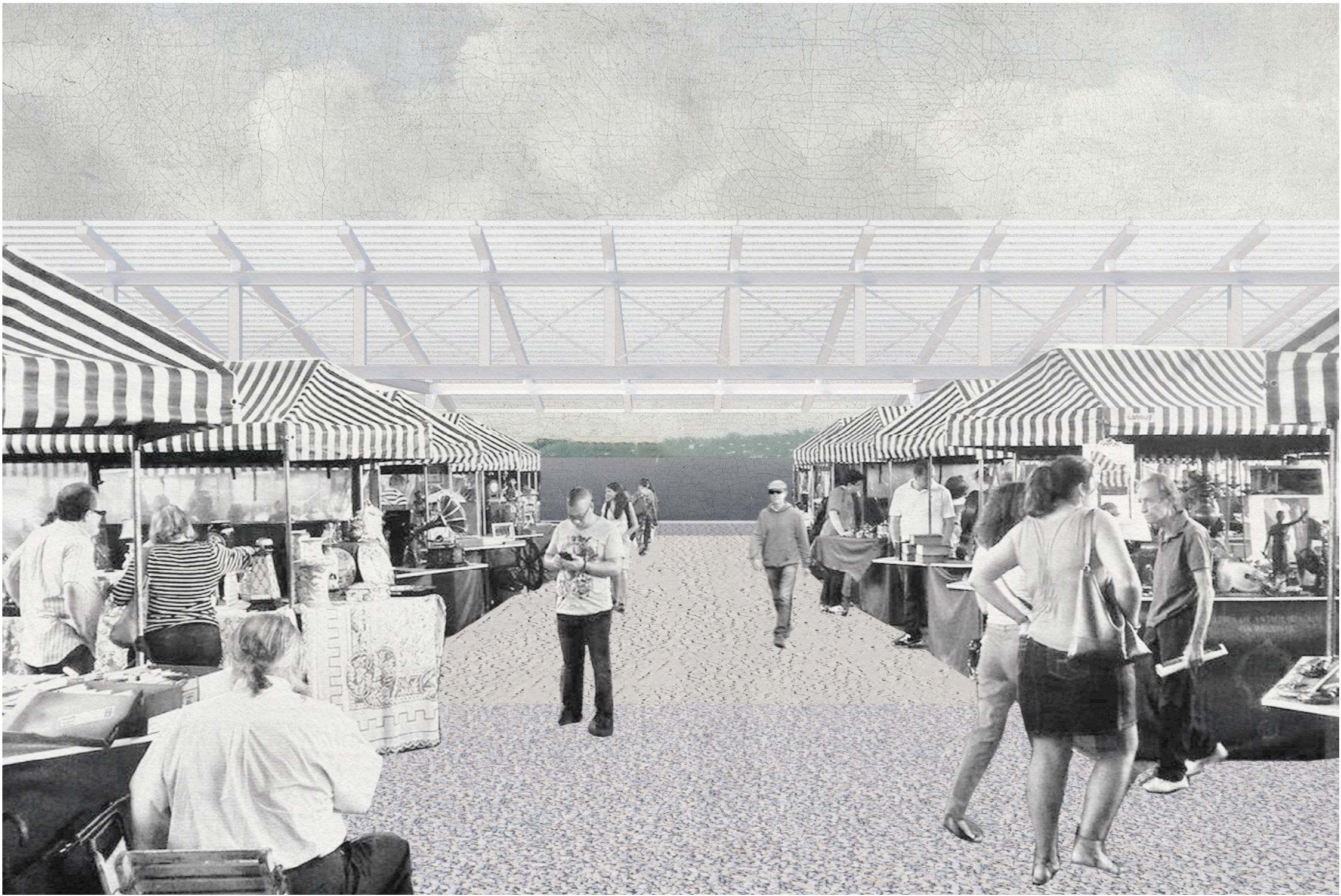
1:100 1 2 5m



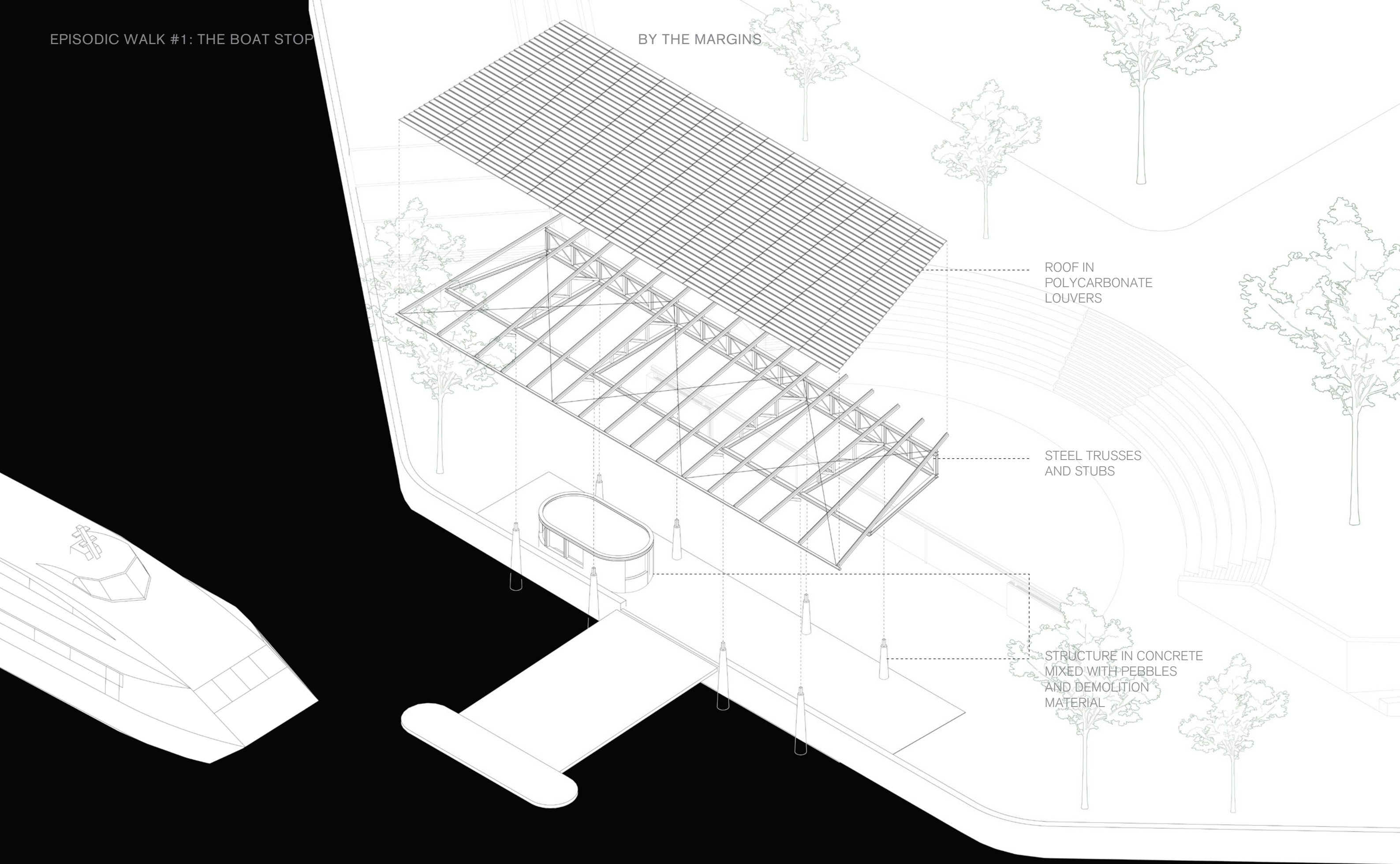
VIEW FROM THE BOAT STOP - DAY



VIEW FROM THE BOAT STOP - SPORTS PRACTICE



VIEW FROM THE BOAT STOP - MARKET



BY THE MARGINS

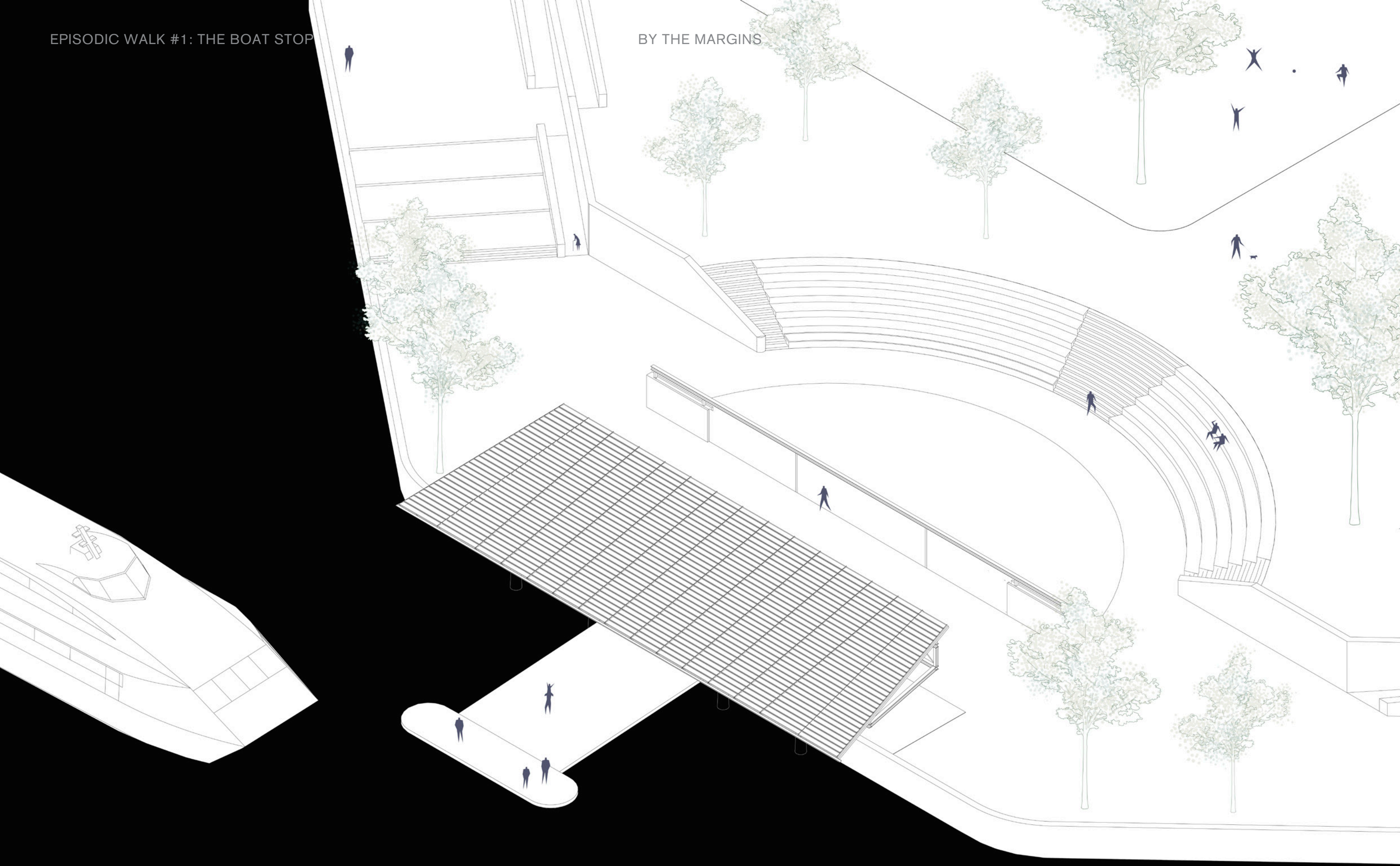
ROOF IN
POLYCARBONATE
LOUVERS

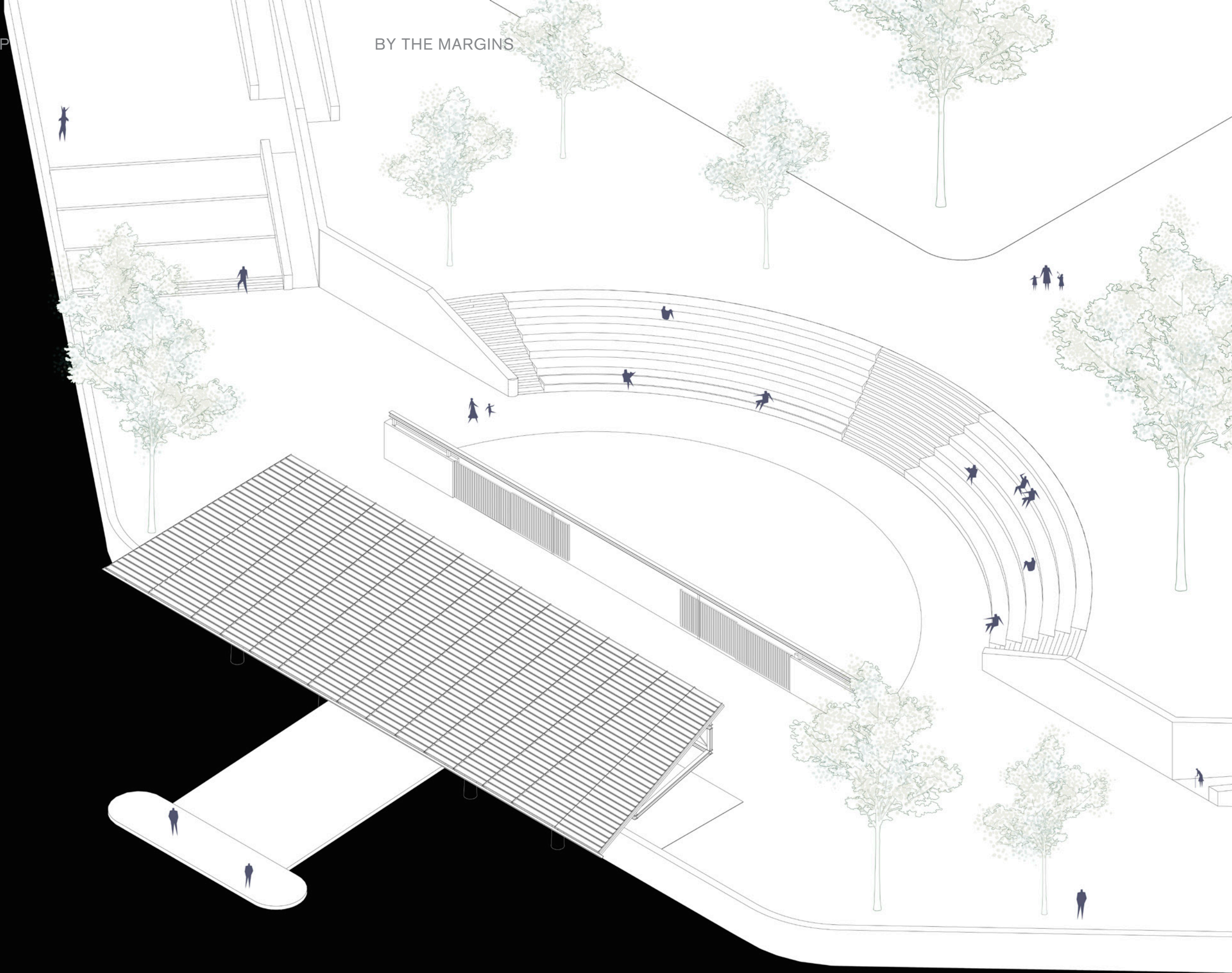
STEEL TRUSSES
AND STUBS

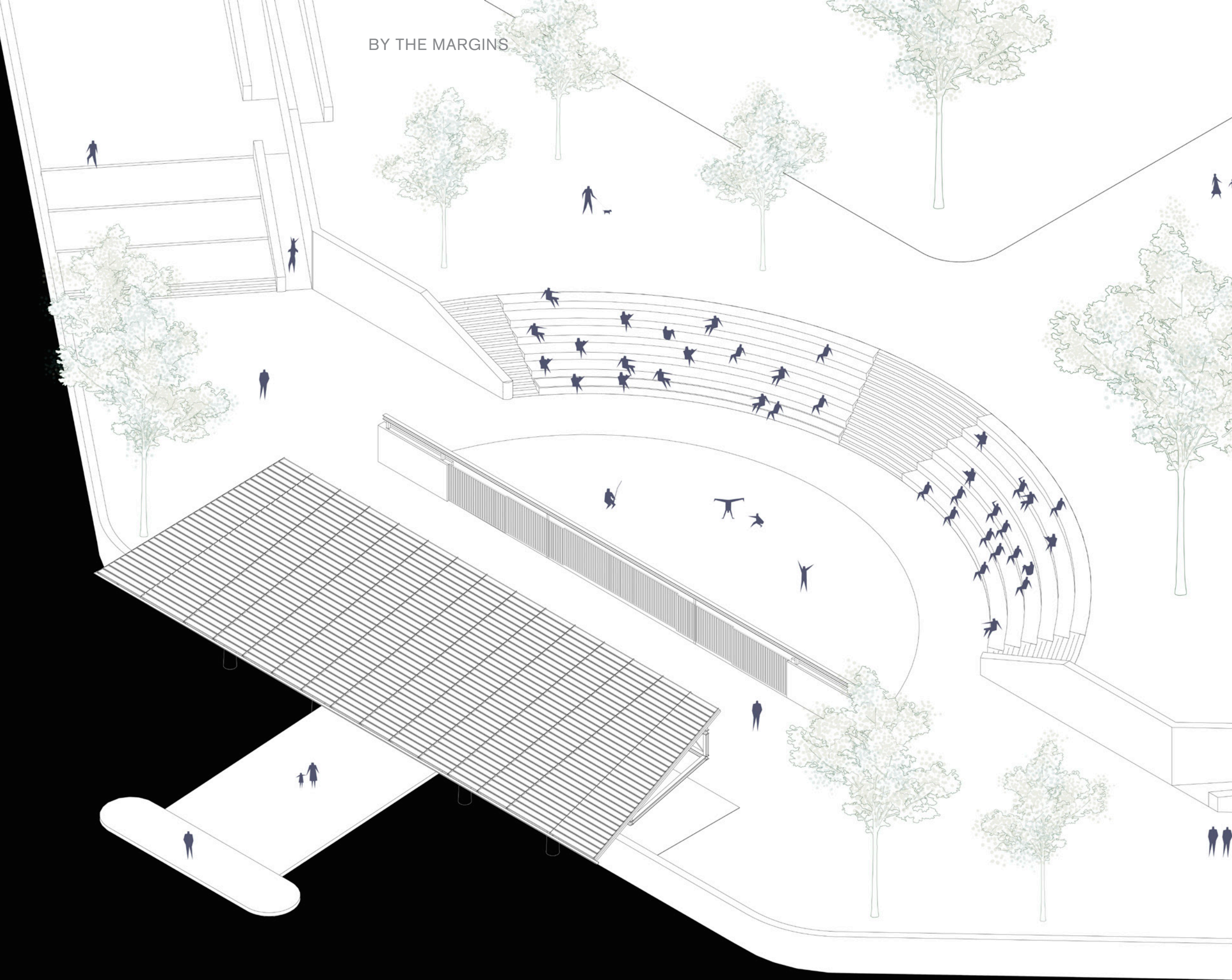
STRUCTURE IN CONCRETE
MIXED WITH PEBBLES
AND DEMOLITION
MATERIAL

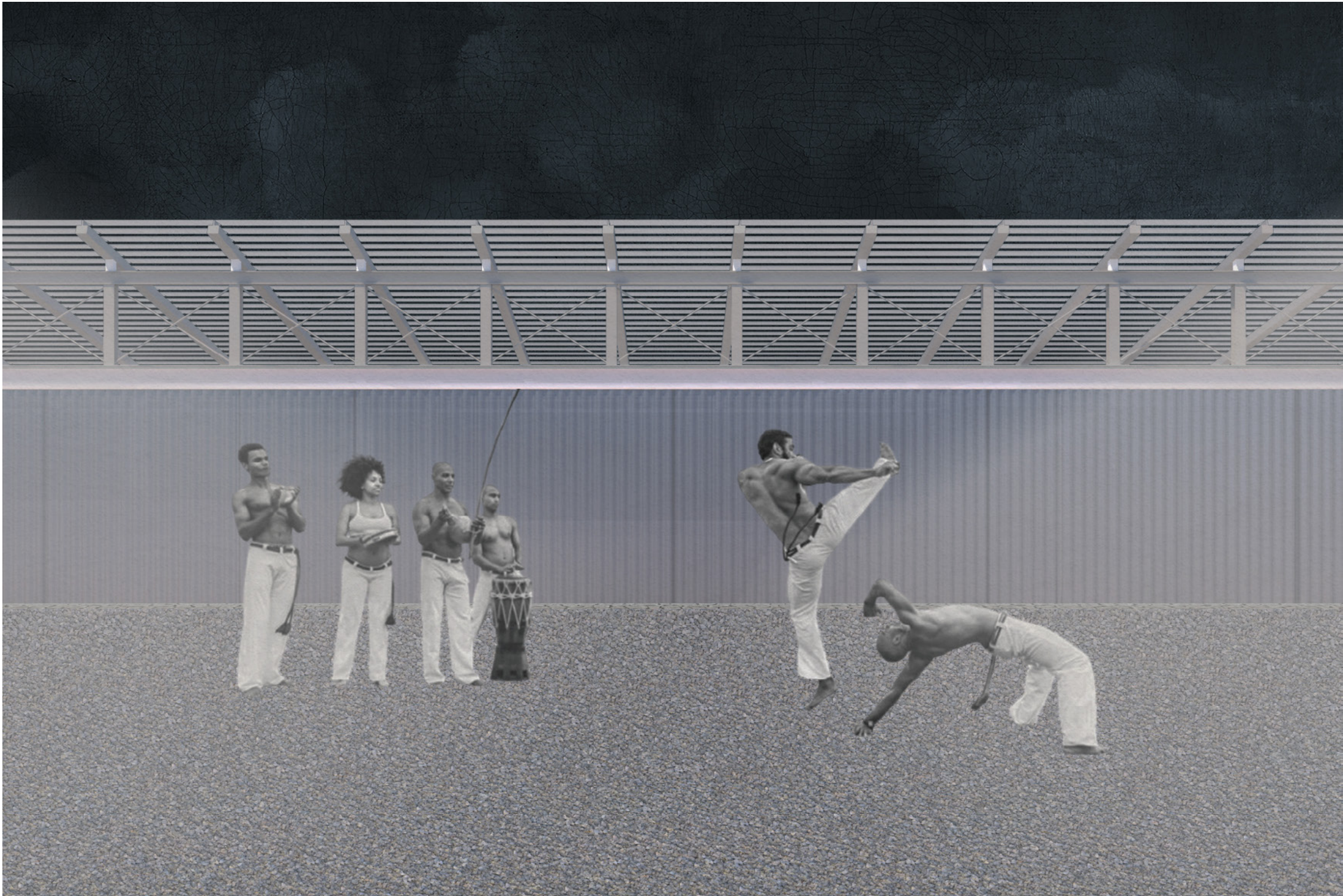
FLOATING PONTON

GABION WALL









VIEW FROM THE BOAT STOP - NIGHT

BY THE MARGINS

EPISODIC WALK #2

**PASSAGES & PERMANENCES
BETWEEN
INSIDE & OUTSIDE**

THE MAIN ENTRANCE

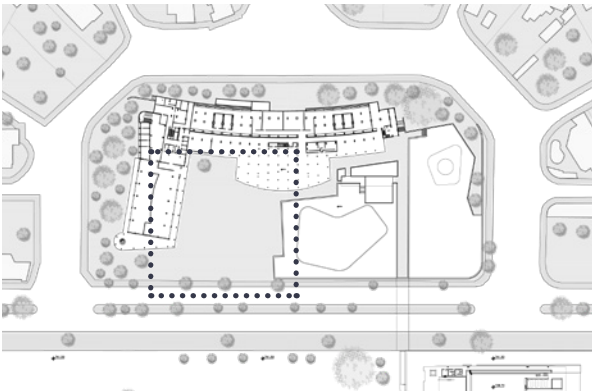


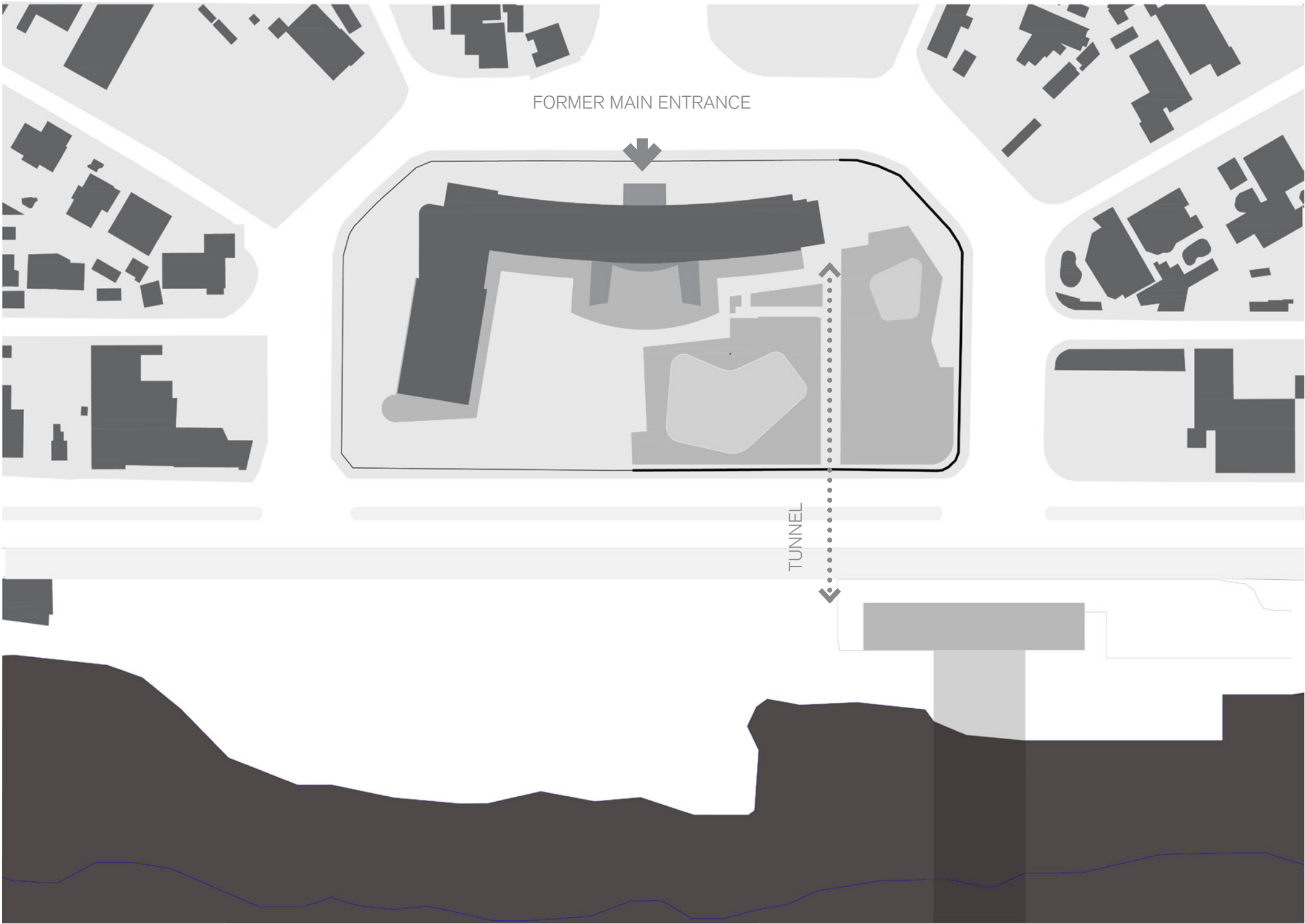
PHOTO BY MARCO ARTIGAS

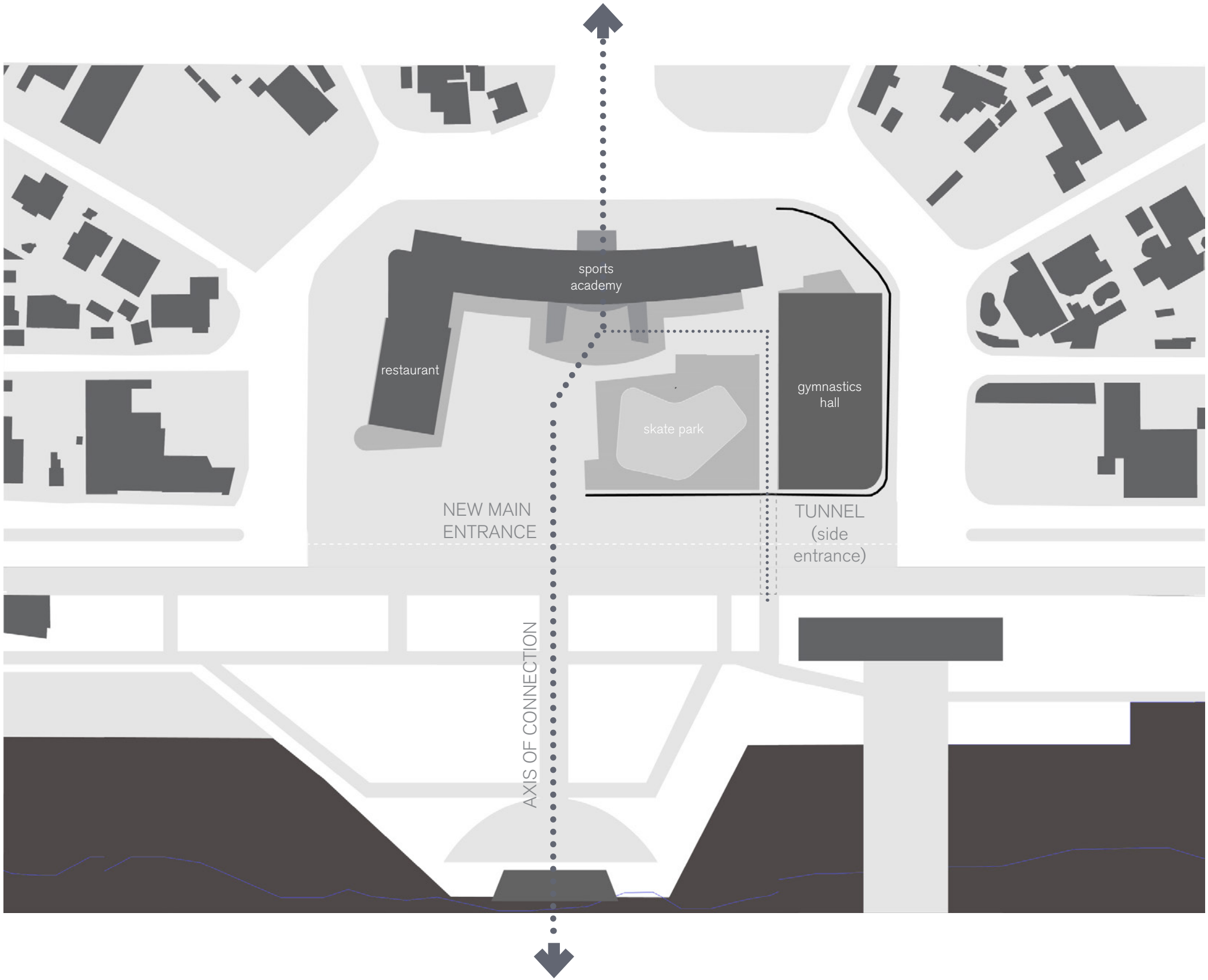


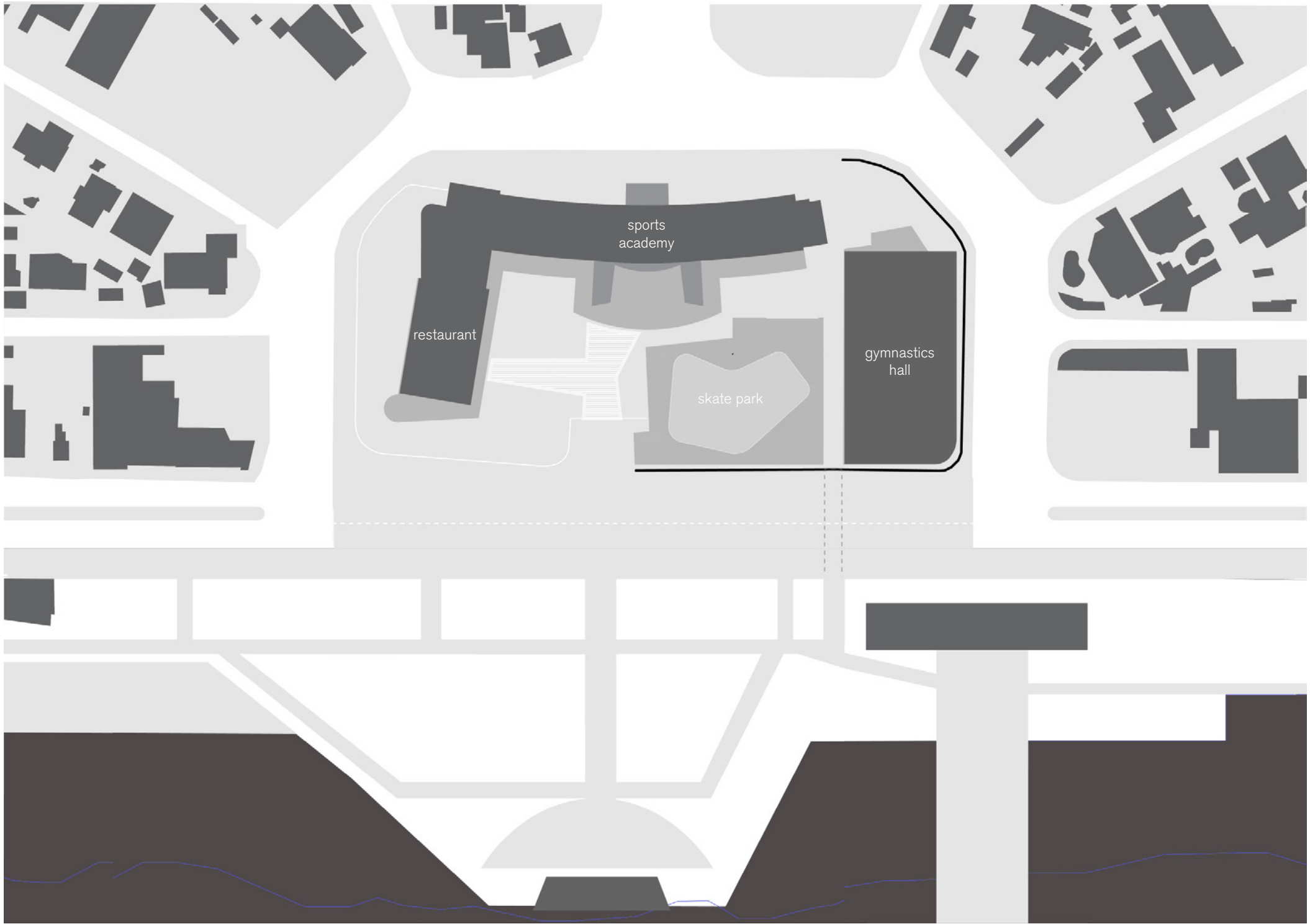
PHOTO BY MARCO ARTIGAS

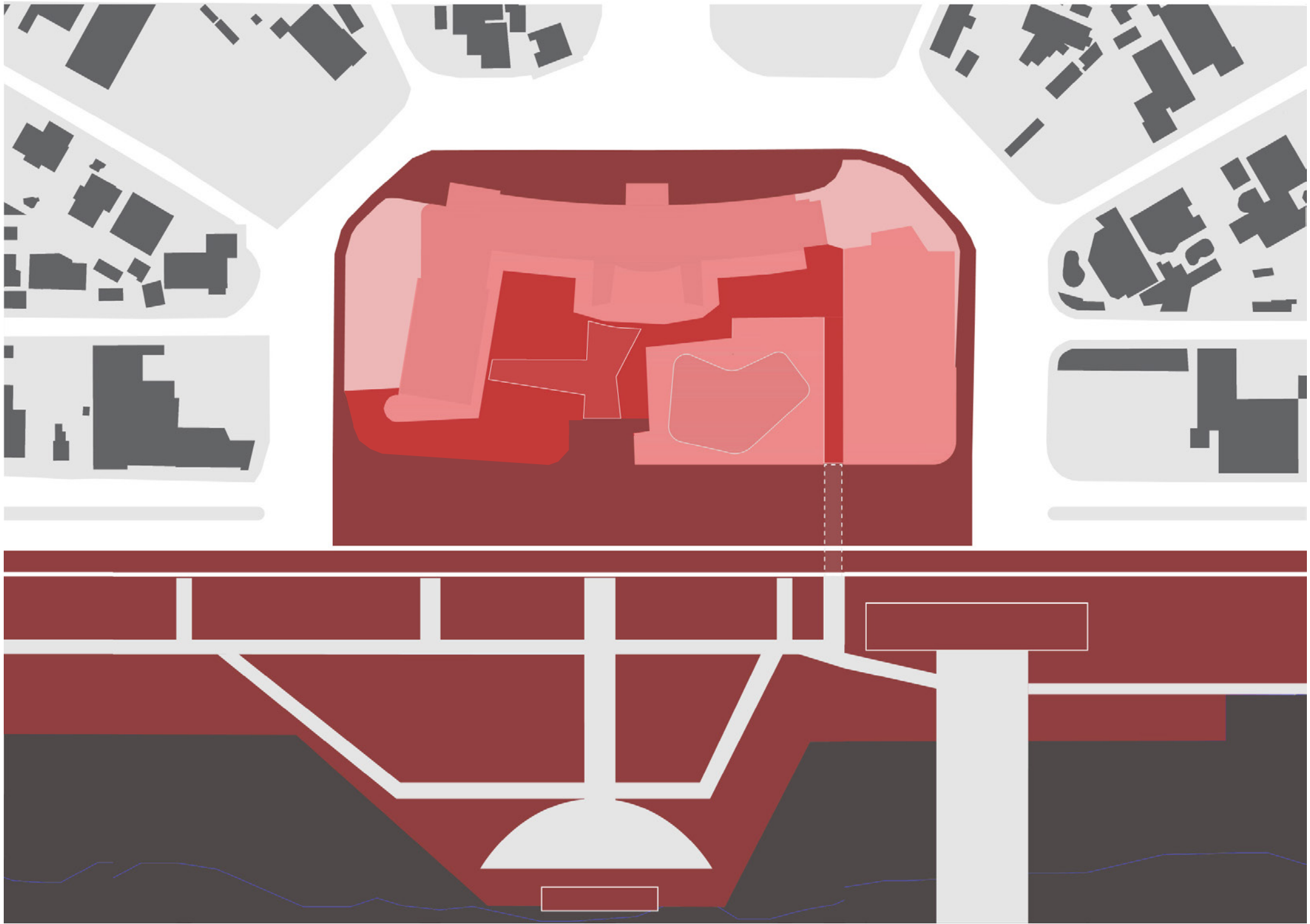


SITE VISIT IN FEBRUARY 2025









Public Open Access Controlled Covered Access - Controlled Uncovered Access -

vilanova artigas' buildings

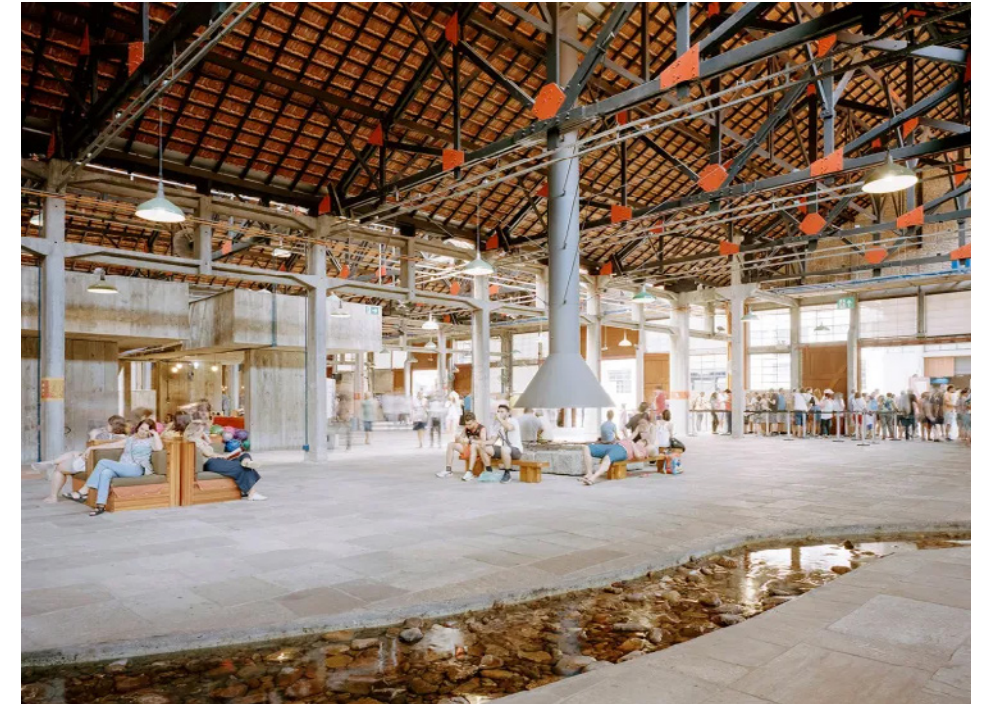


utinga high school, vilanova artigas
são paulo, 1962

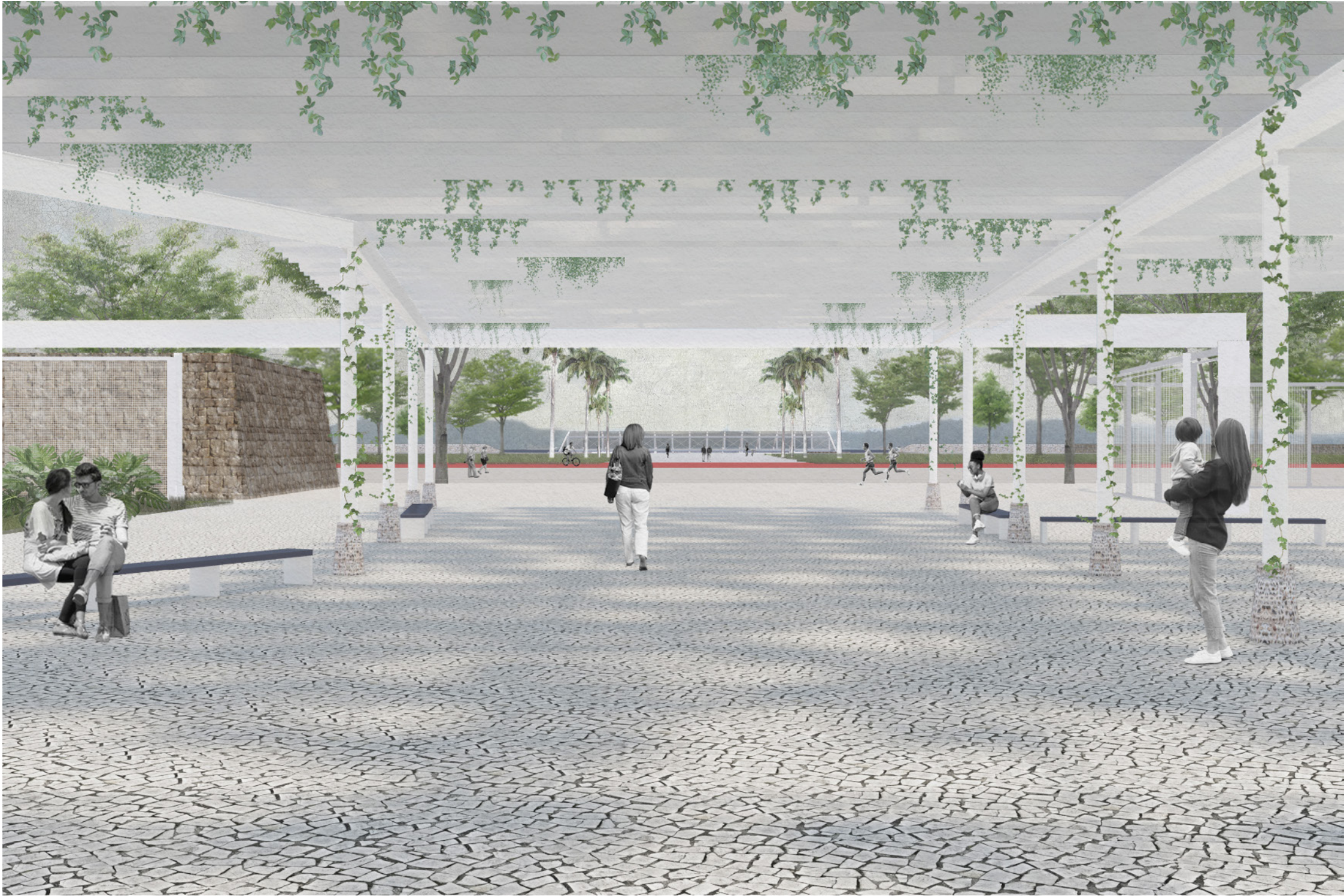
other projects in brazil



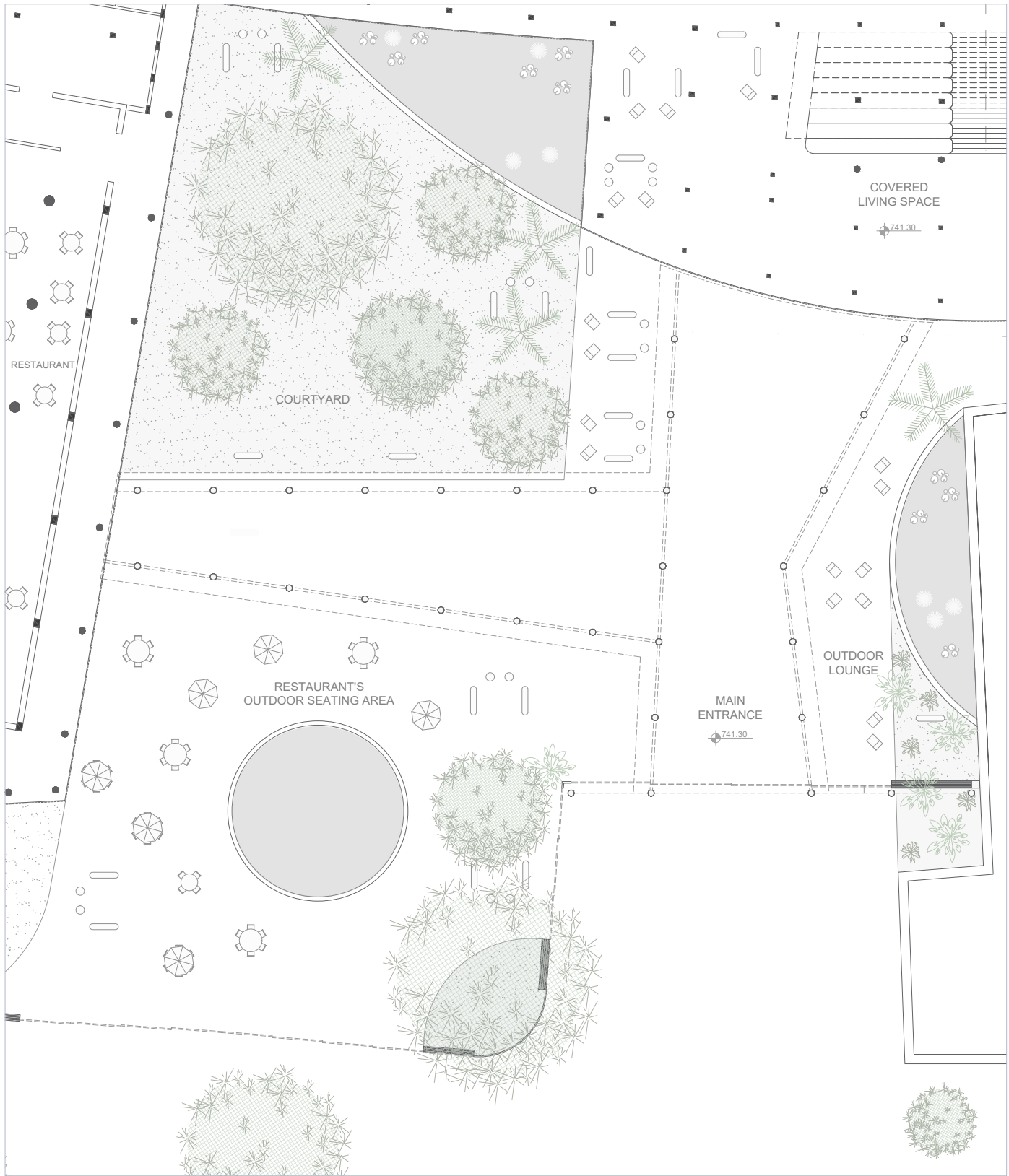
marquise at ibirapuera park, oscar niemeyer
são paulo, 1954



sesc pompeia's lounge hall, lina bo bardi
são paulo, 1985

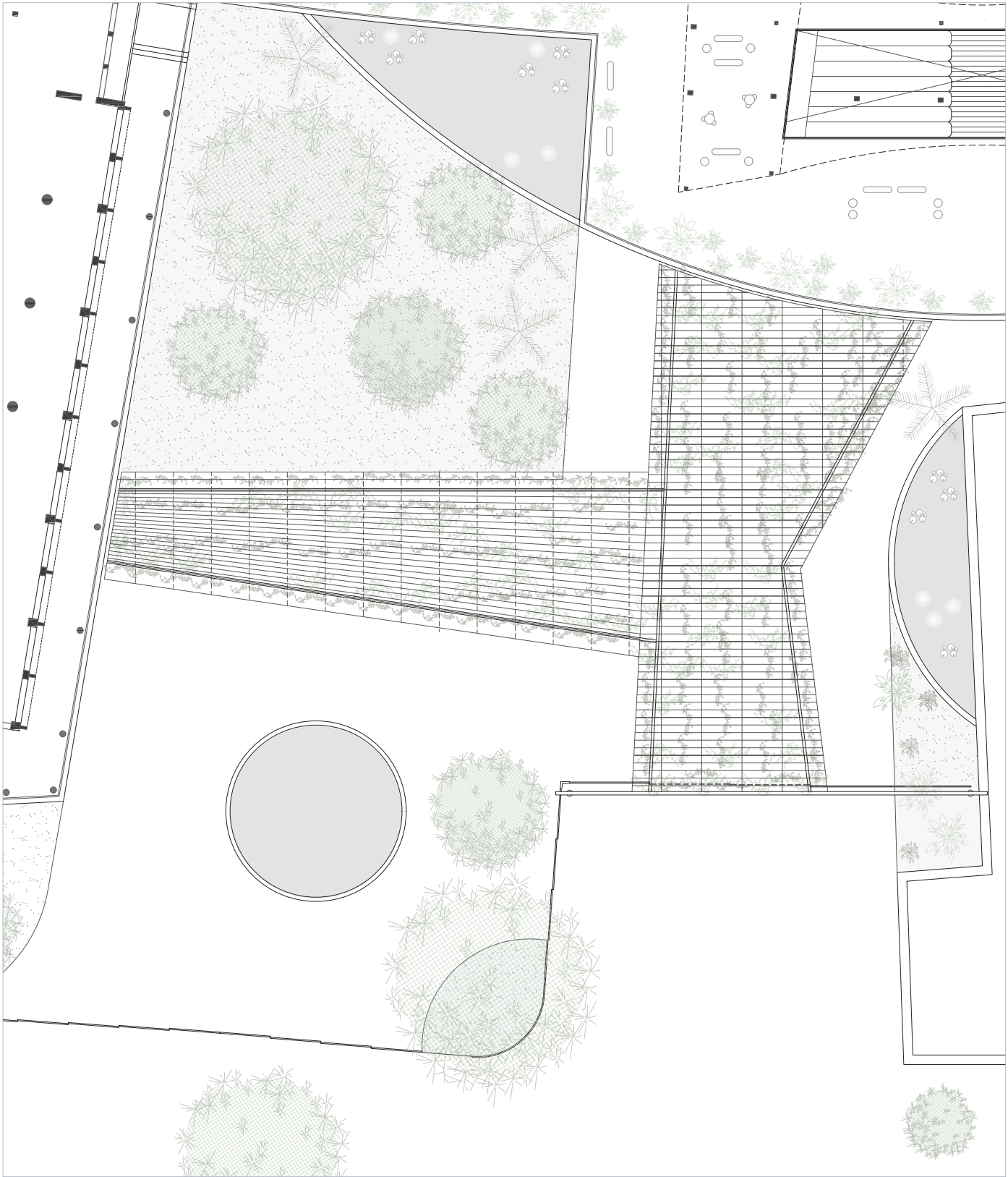


VIEW FROM THE MAIN ENTRANCE - DAY



GROUND FLOOR PLAN



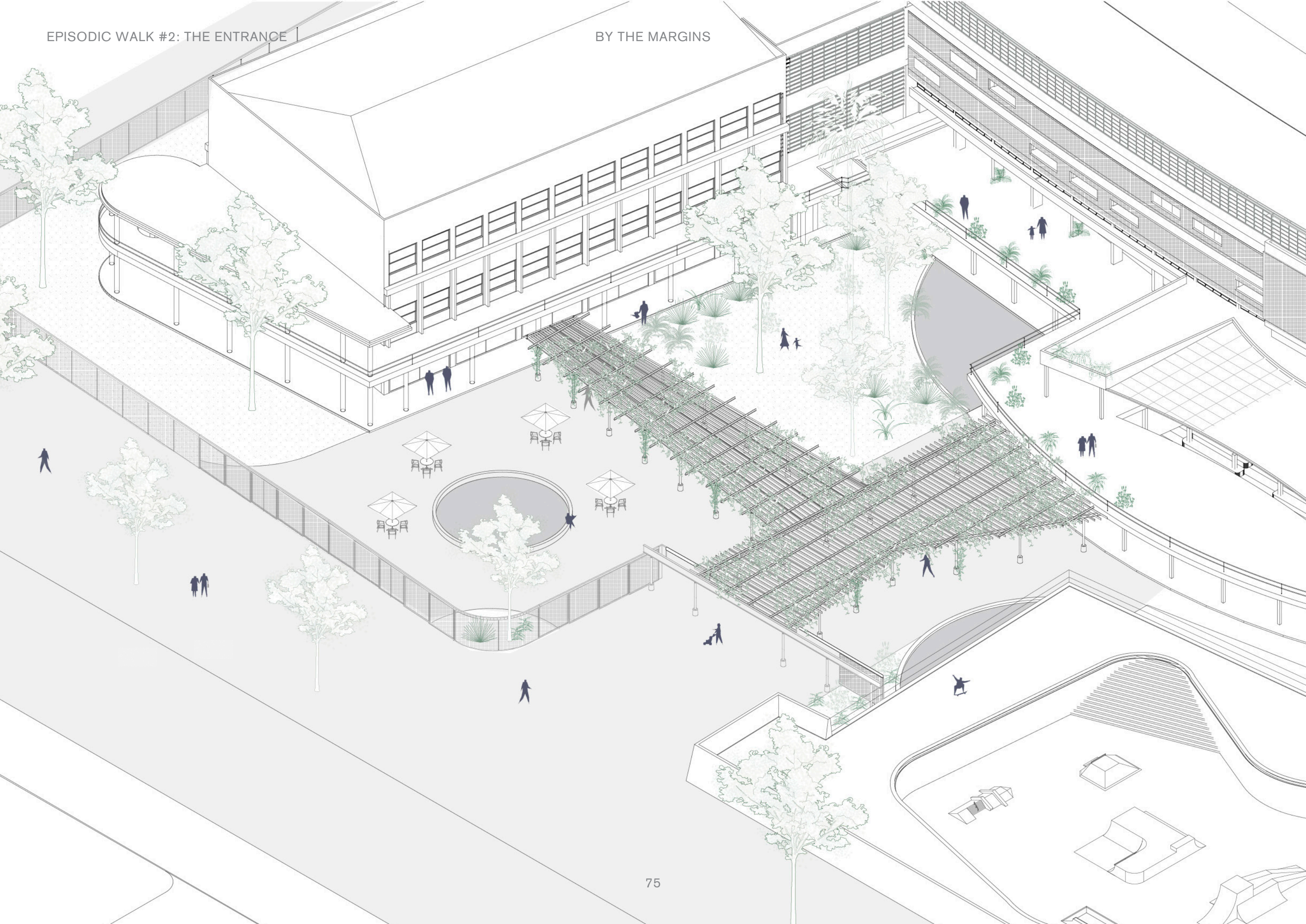


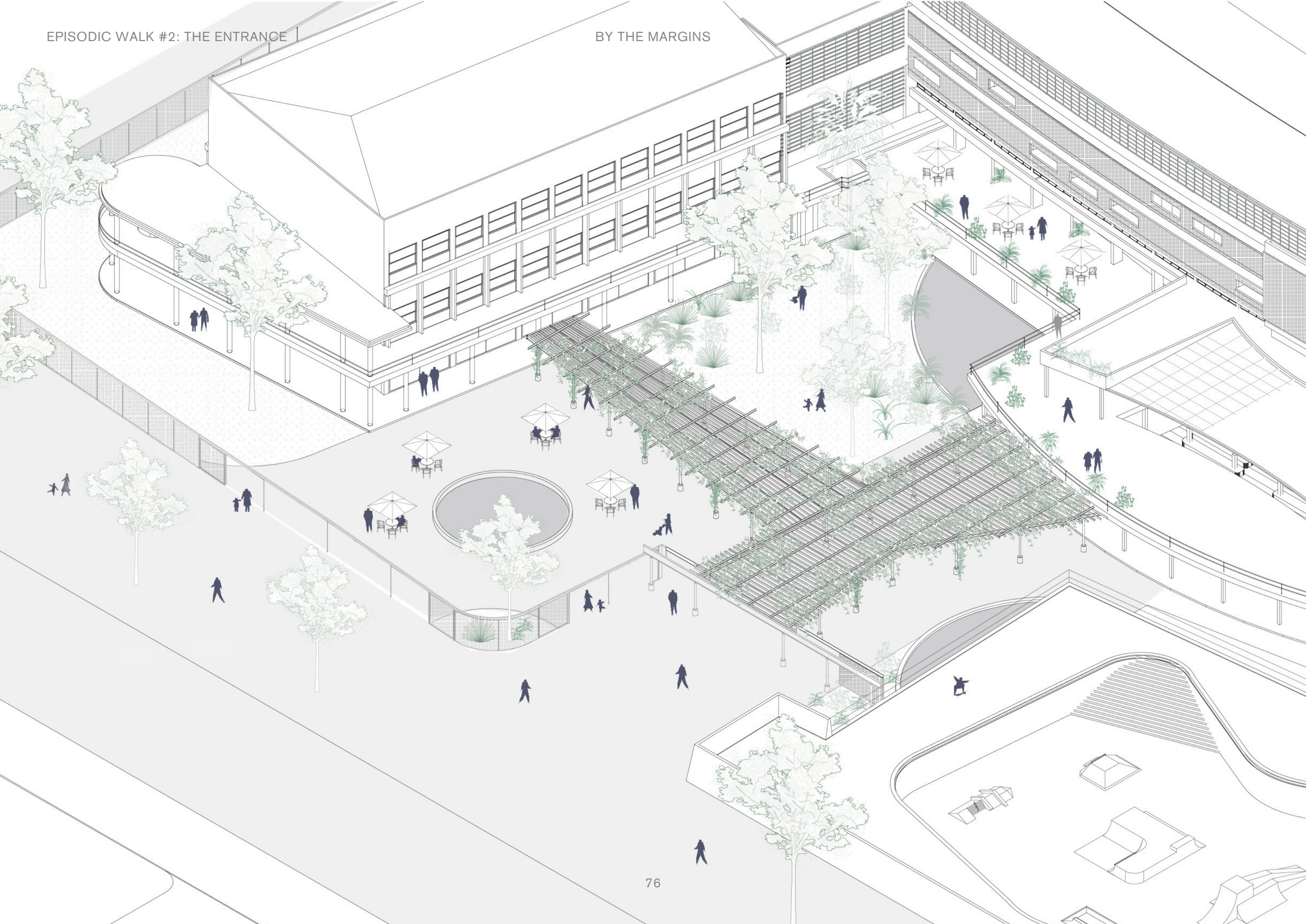
ROOF PLAN

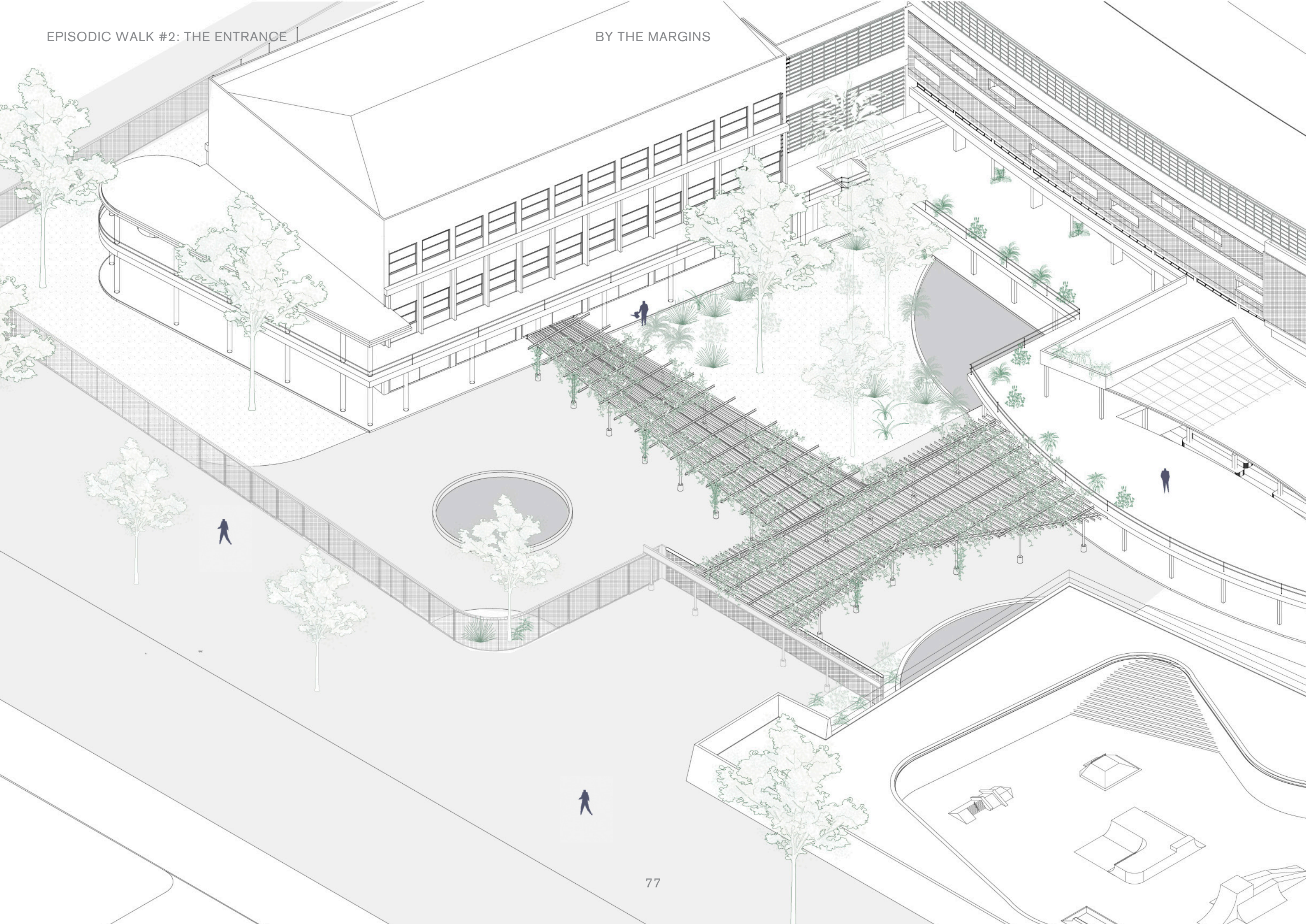
1:200 2 5 10m

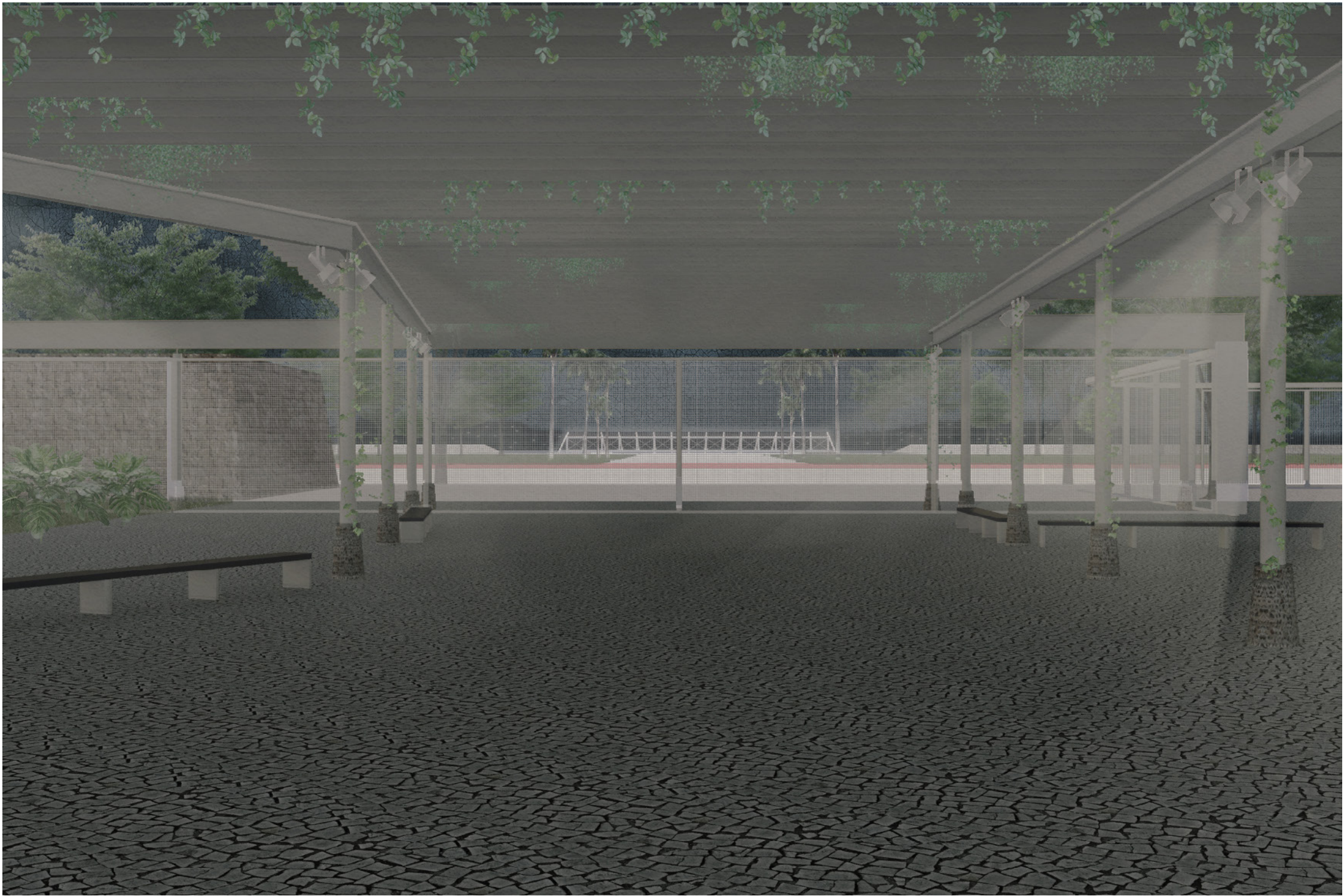


VIEW FROM THE MAIN ENTRANCE









VIEW FROM THE MAIN ENTRANCE - NIGHT

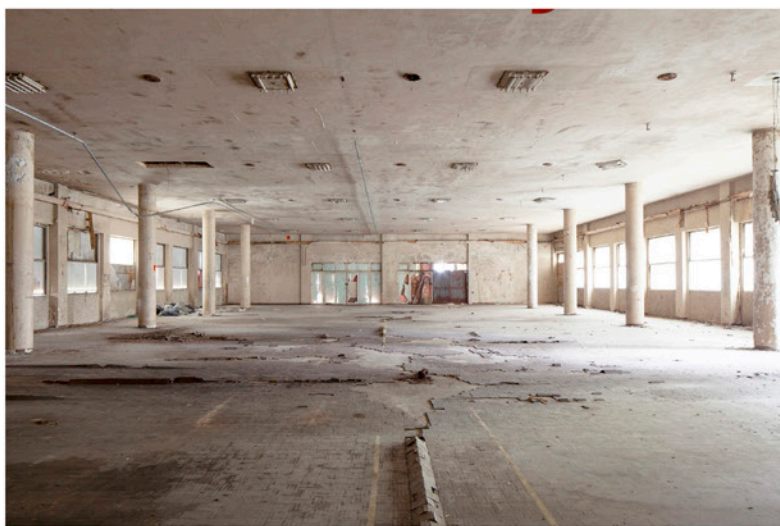
EPISODIC WALK #3

PASSAGES & PERMANENCES
BETWEEN
THE EXISTING & THE INTERVENTION

THE ATRIUM



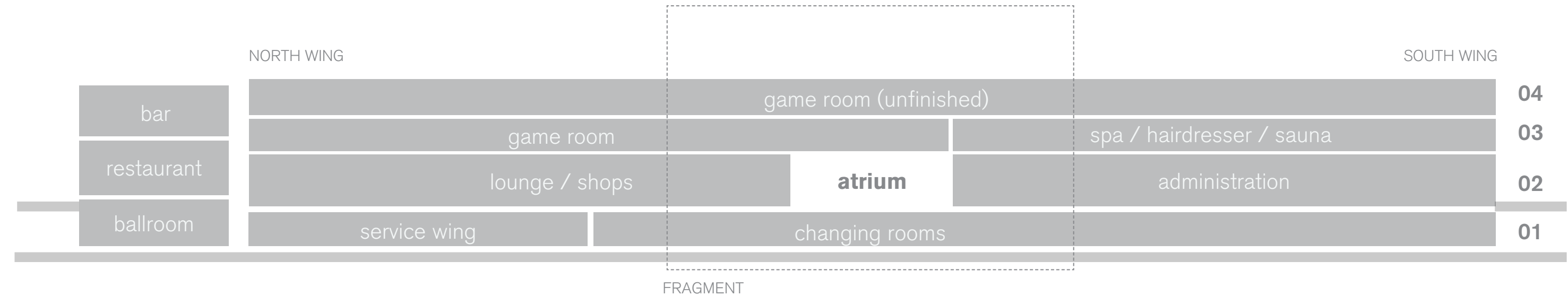
DRONE SURVEY - DECEMBER 2024



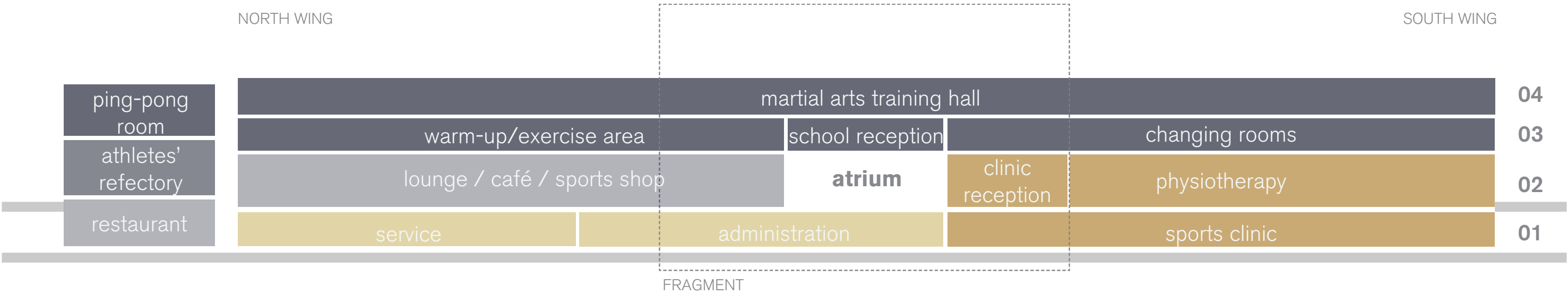
PHOTOS BY CIRO MIGUEL

PHOTOS BY MARCO ARTIGAS

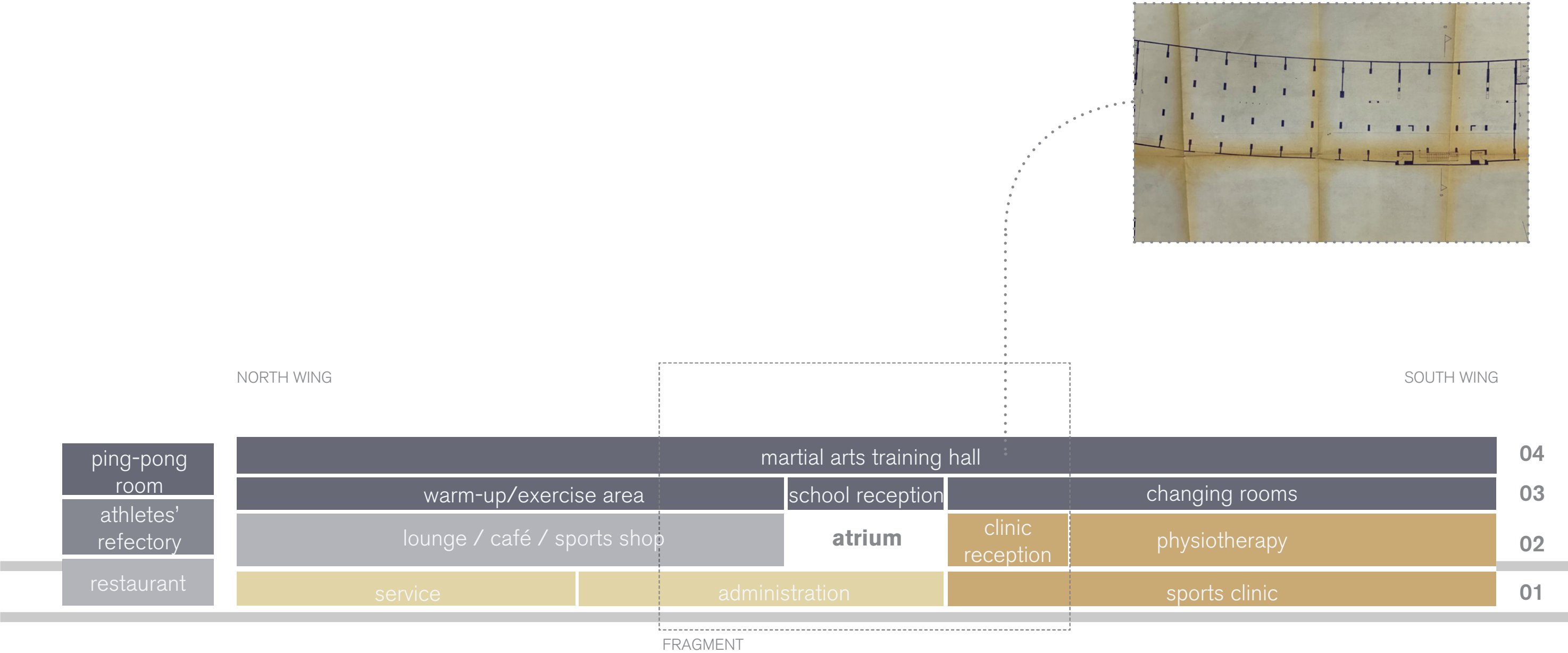
PHOTOS BY TUCA VIEIRA



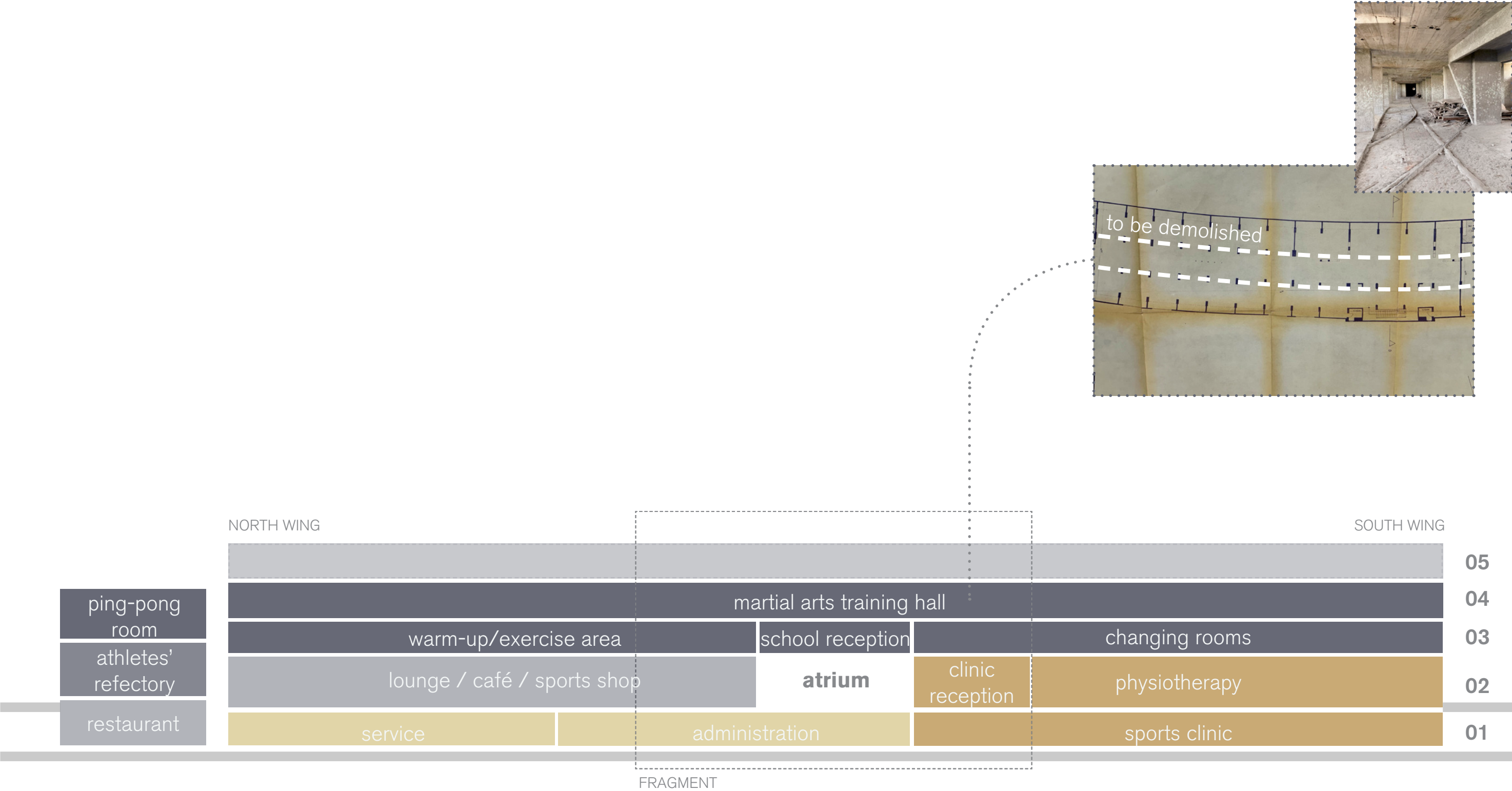
ORIGINAL USES



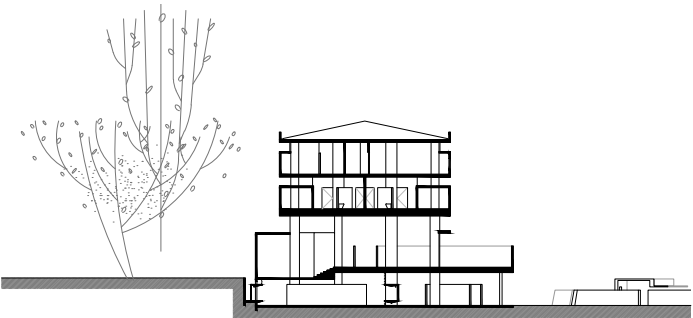
NEW PROPOSED USES



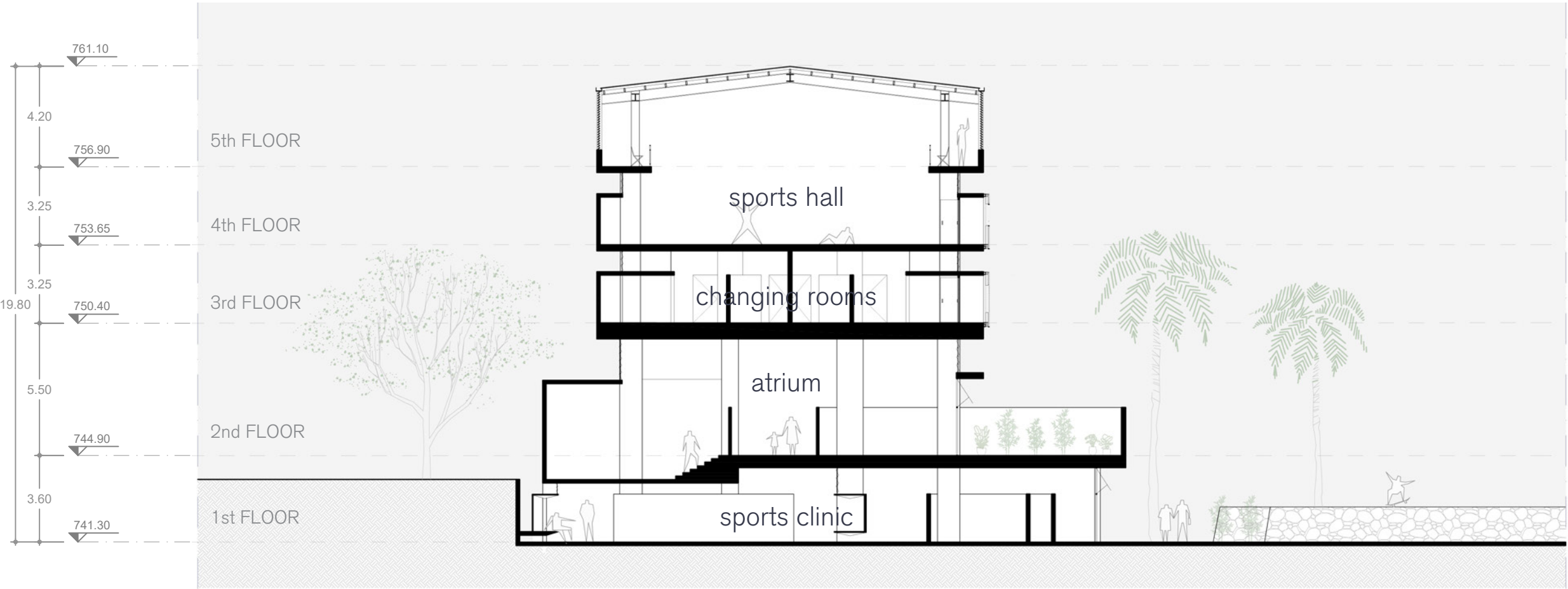
NEW PROPOSED USES



NEW PROPOSED USES

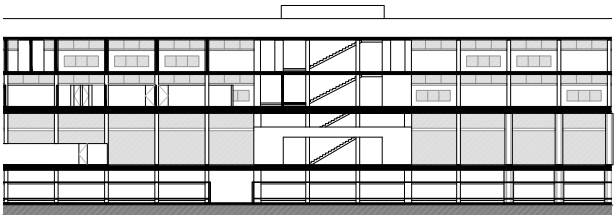


ORIGINAL USE

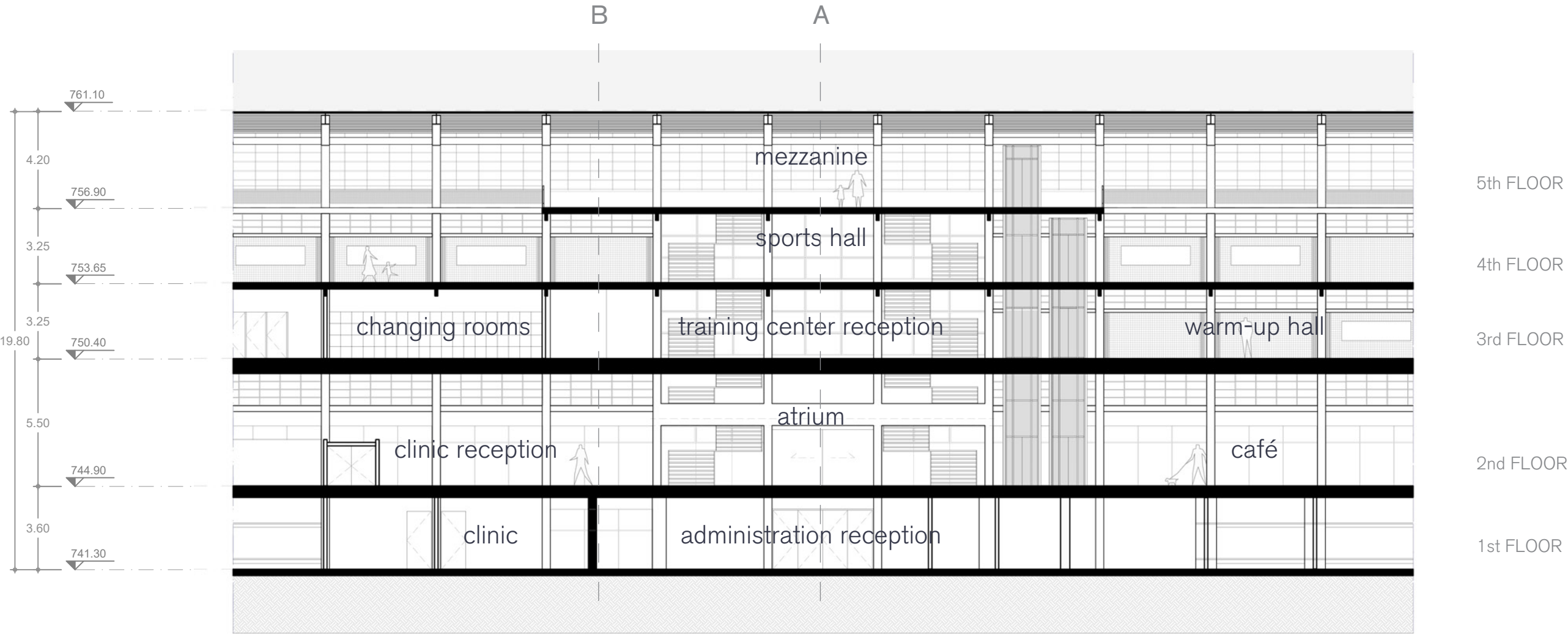


CROSS SECTION B



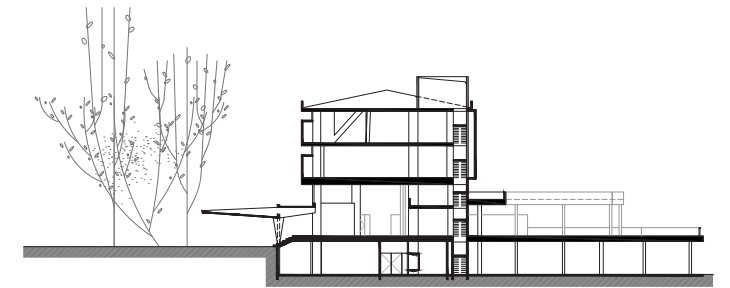


ORIGINAL USE

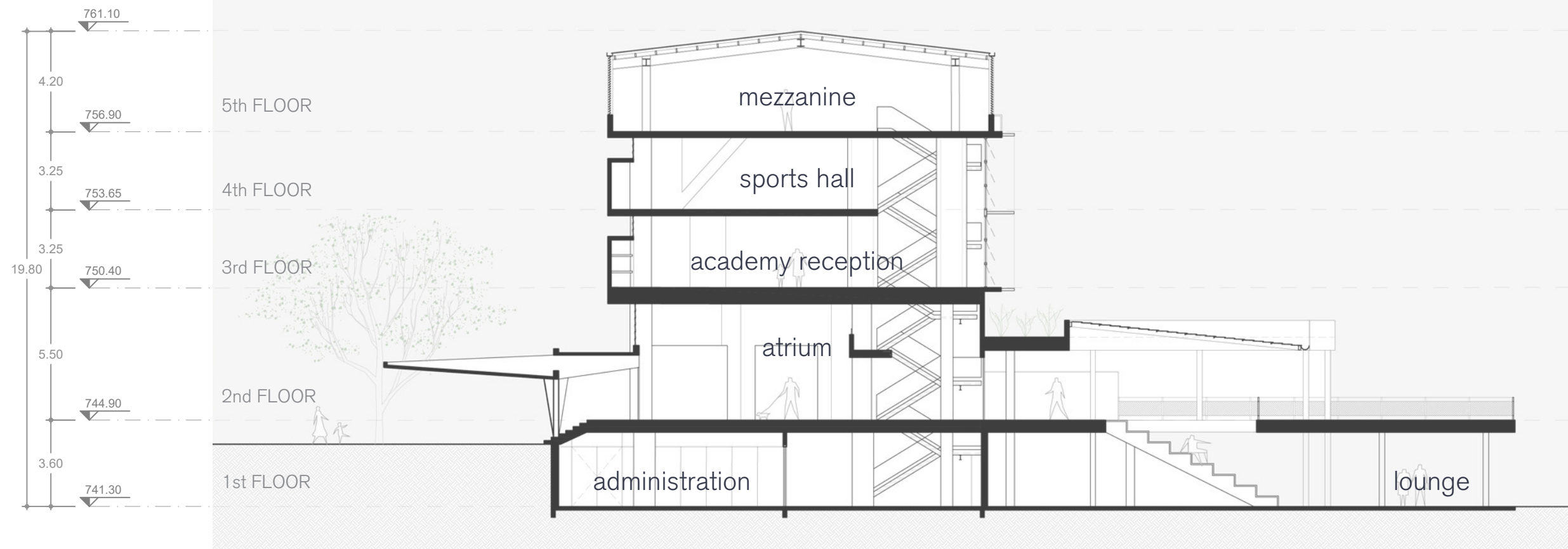


LONGITUDINAL SECTION C





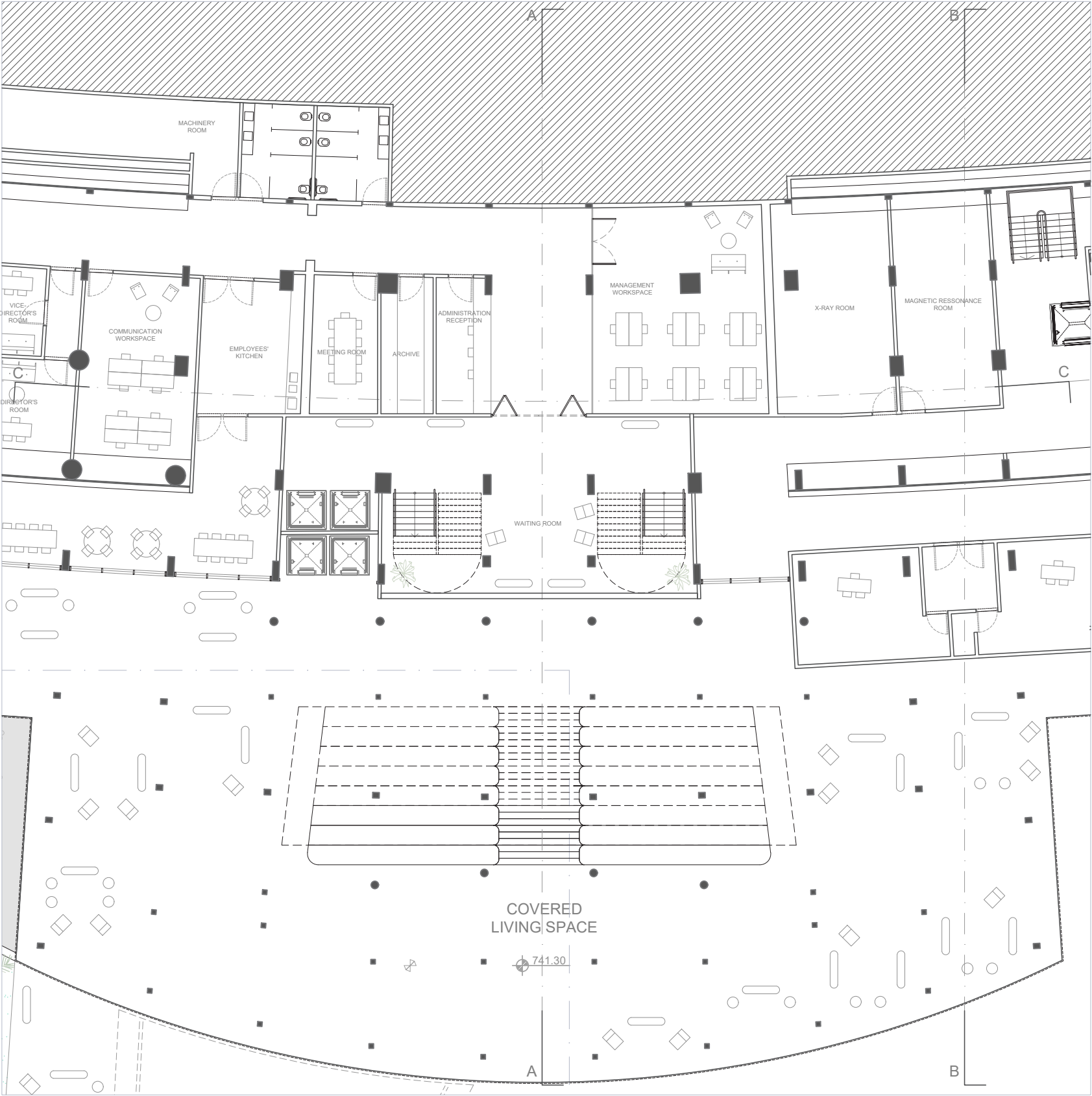
ORIGINAL USE



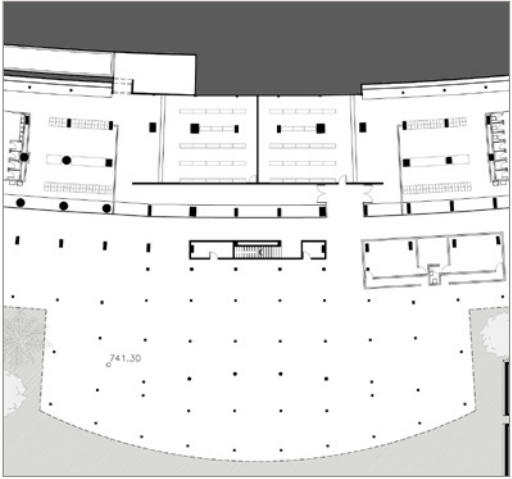
CROSS SECTION A

1:200





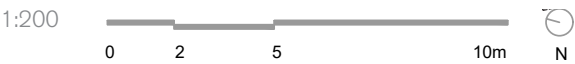
FIRST FLOOR PLAN

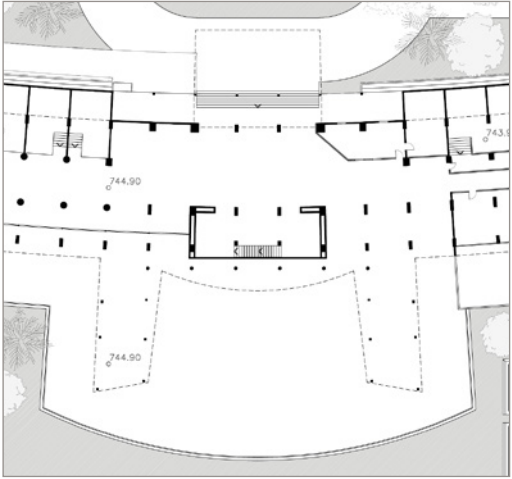
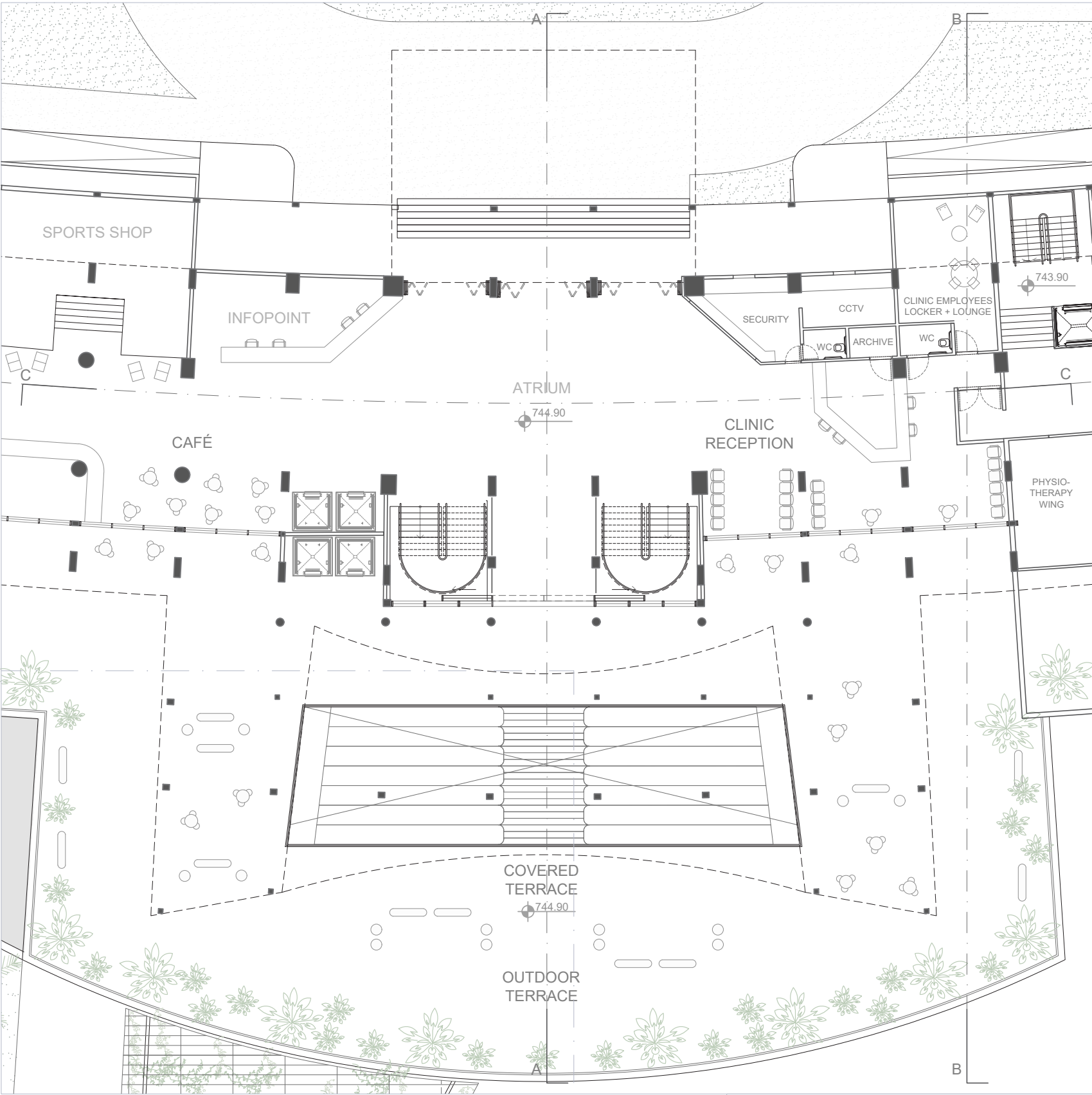


ORIGINAL USE



REFERENCE SECTION



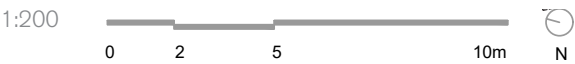


ORIGINAL USE



REFERENCE SECTION

SECOND FLOOR PLAN



vilanova artigas' buildings



clube santapaula study sketches

são paulo, 1960

other projects in brazil



cultura artistica theatre, rino levi

são paulo, 1942

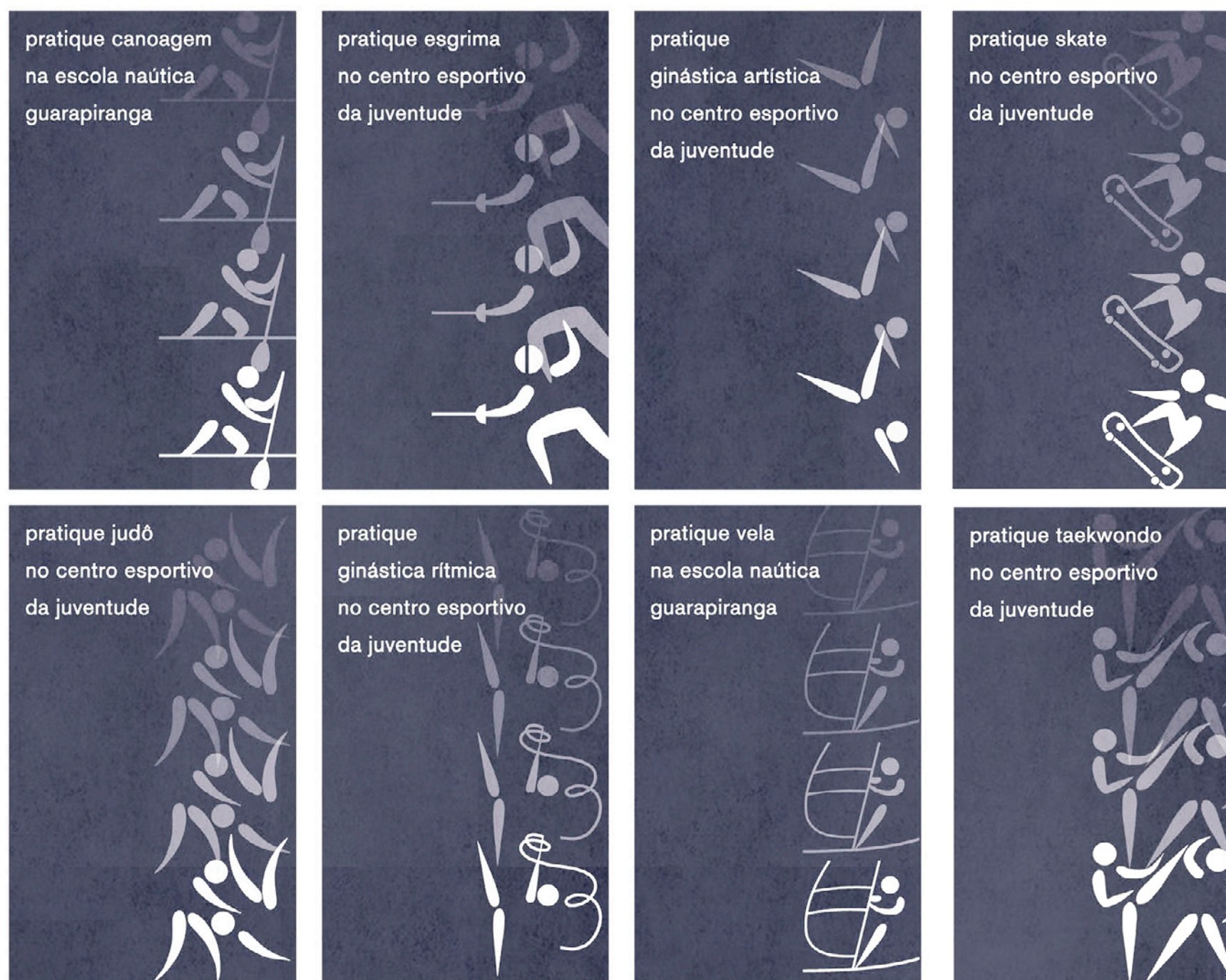


grand hotel ouro preto, oscar niemeyer

ouro preto, 1938



VIEW FROM THE ATRIUM



AUTHORAL POSTERS USING OFFICIAL OLYMPICS LOGOS



VIEW FROM THE CAFÉ IN THE ATRIUM

COUNTER

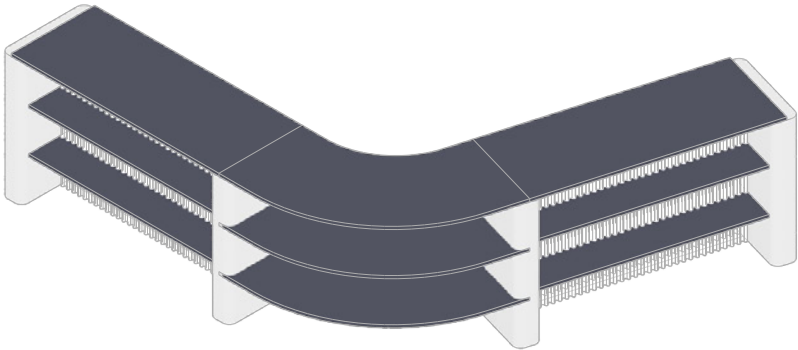
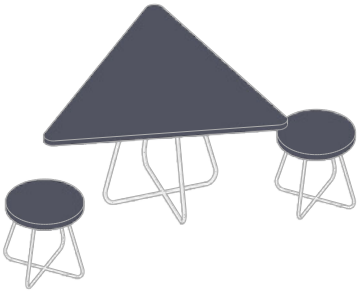
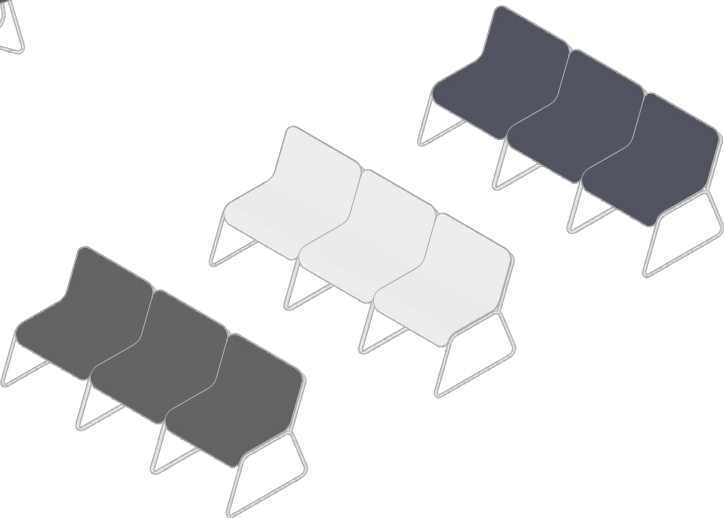


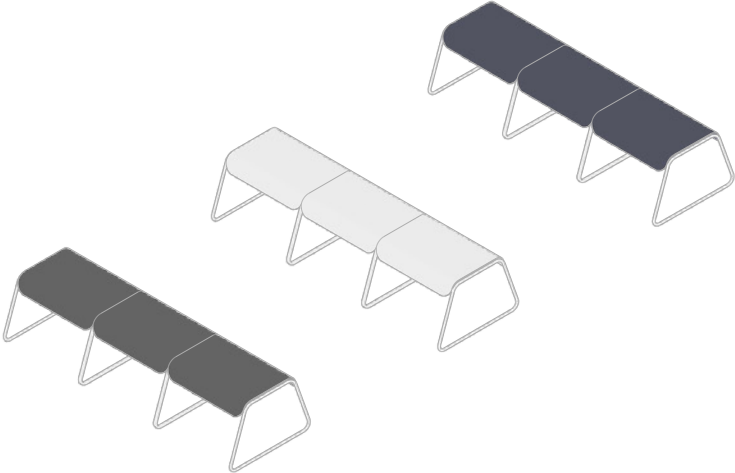
TABLE + CHAIR SET



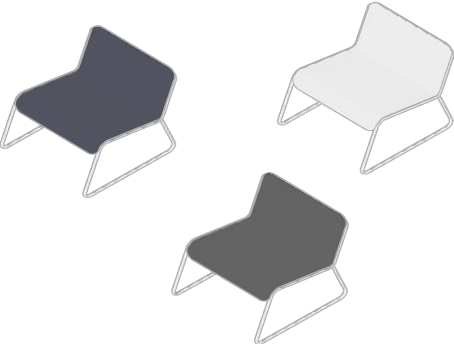
CHAIRS

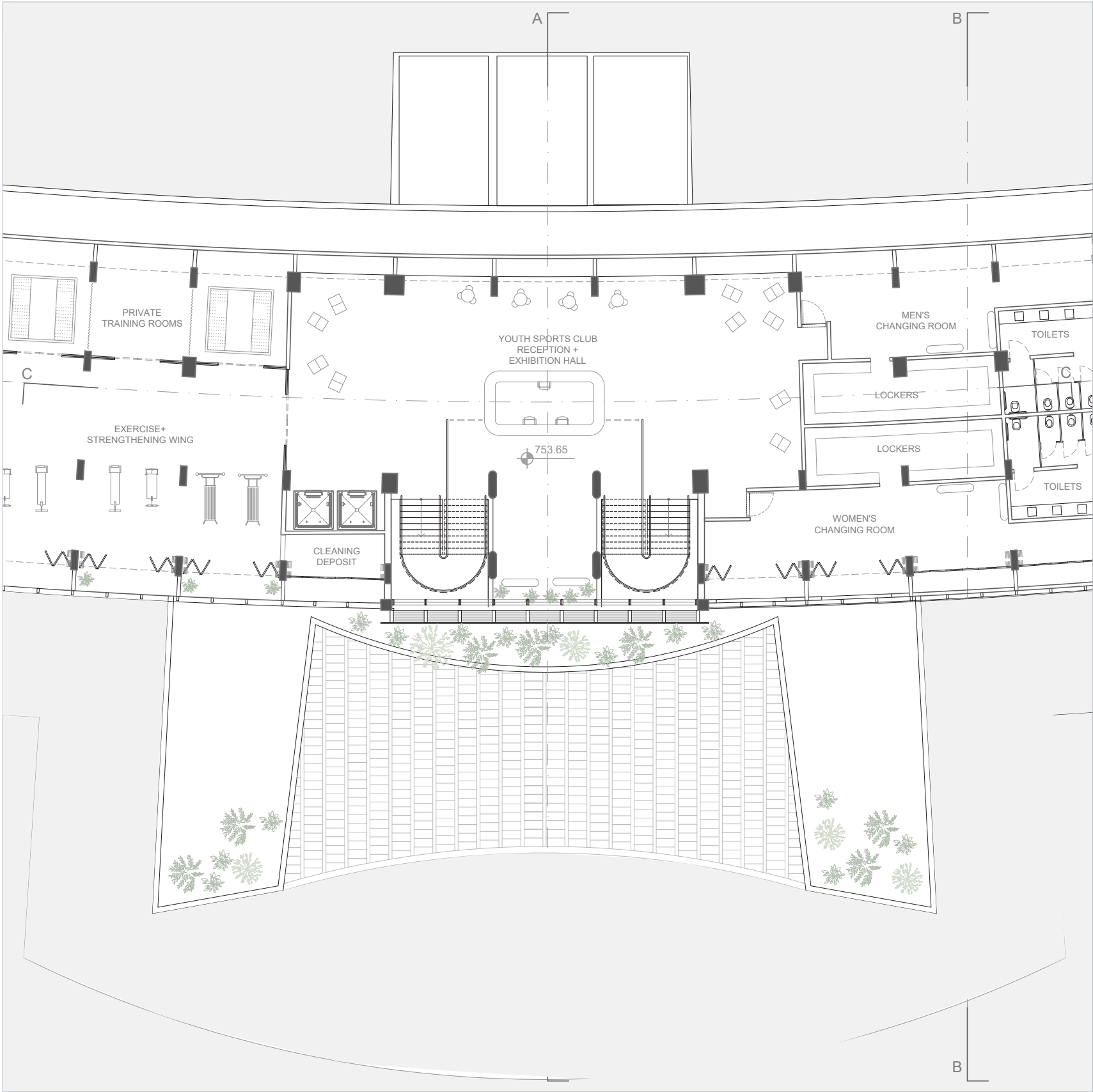


STOOLS

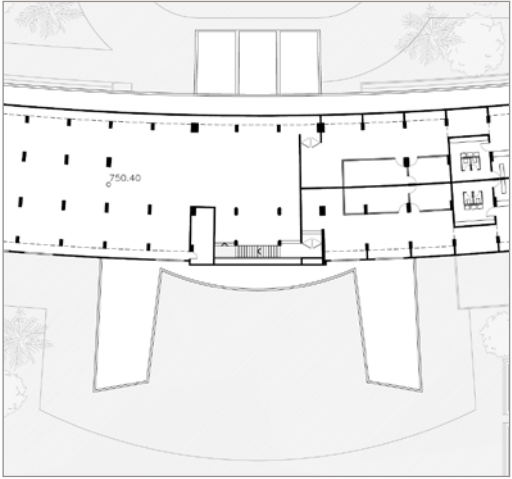


ARMCHAIRS





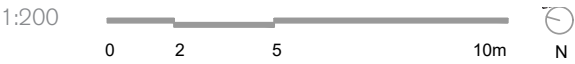
THIRD FLOOR PLAN



ORIGINAL USE

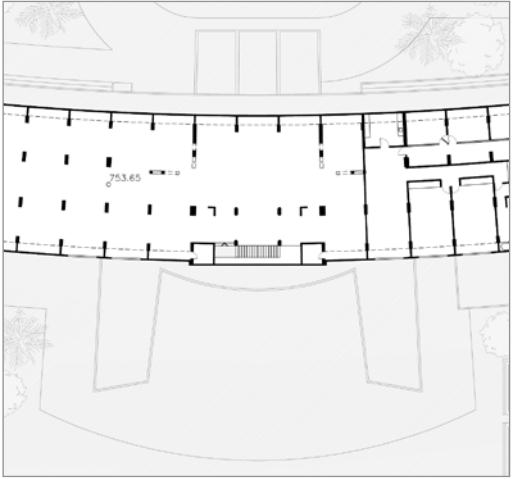
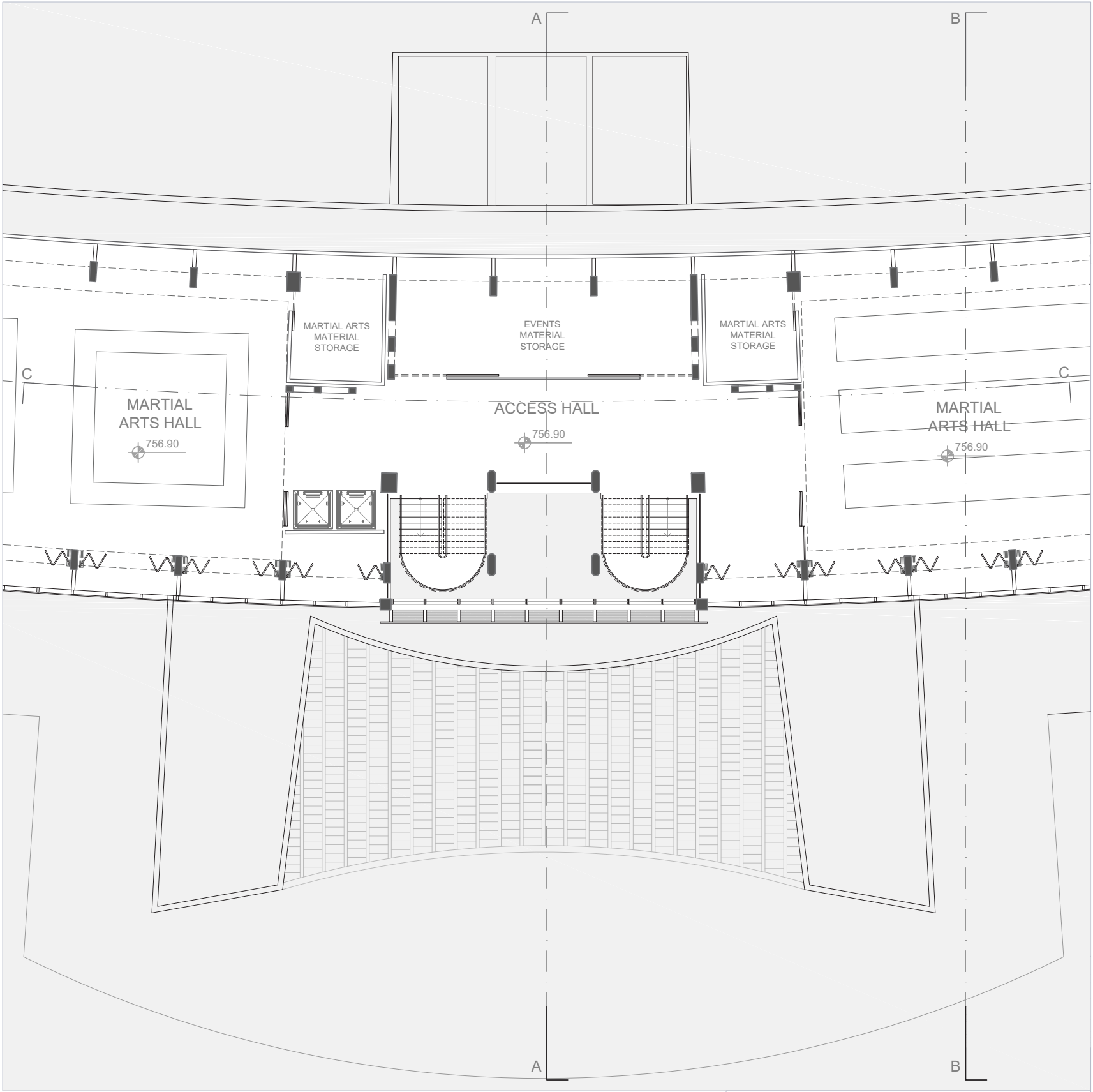


REFERENCE SECTION





VIEW FROM THE RECEPTION OF
THE YOUTH SPORTS ACADEMY

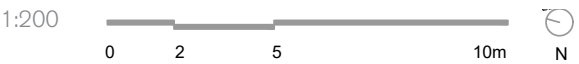


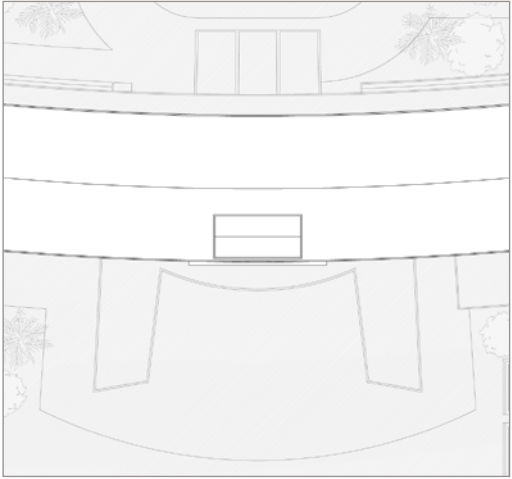
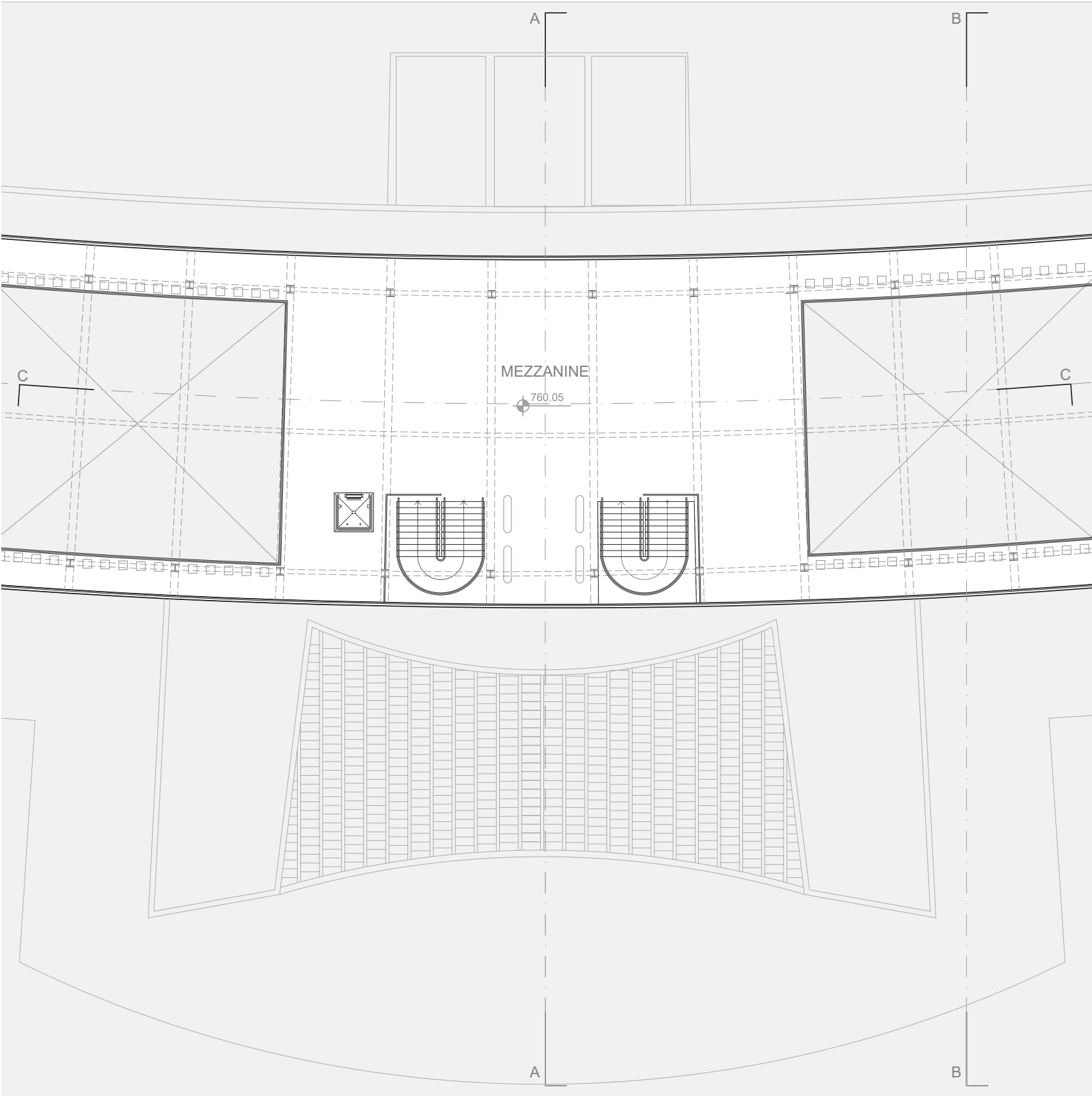
ORIGINAL USE



REFERENCE SECTION

FOURTH FLOOR PLAN



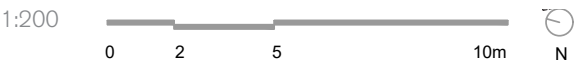


ORIGINAL USE



REFERENCE SECTION

MEZZANINE FLOOR PLAN



vilanova artigas' buildings

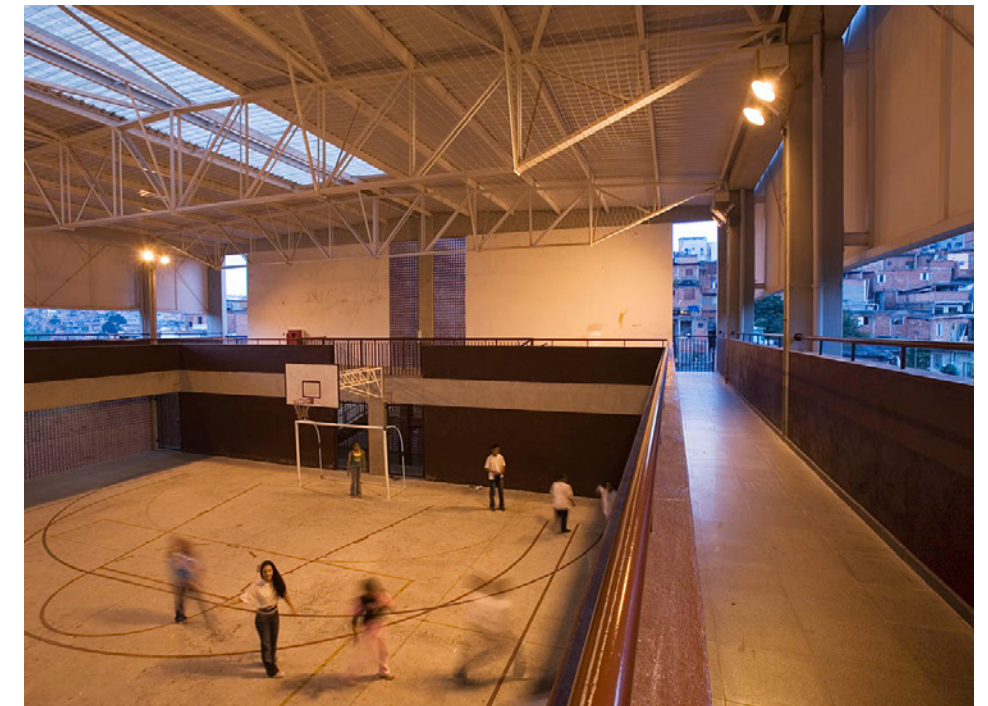


guarulhos public lyceum
são paulo, 1961

other projects in brazil



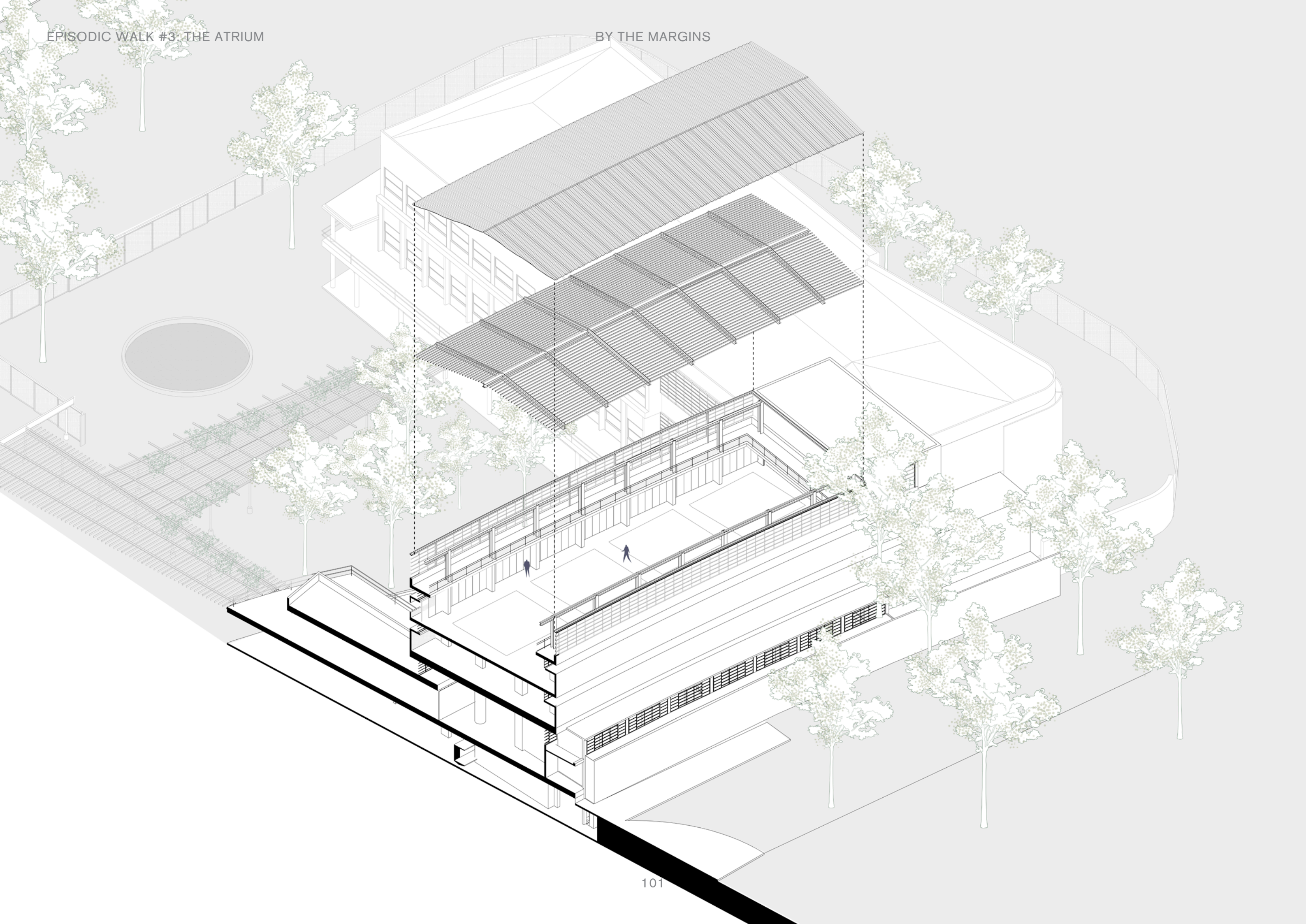
jardim ipê school, décio tozzi
são paulo, 1965

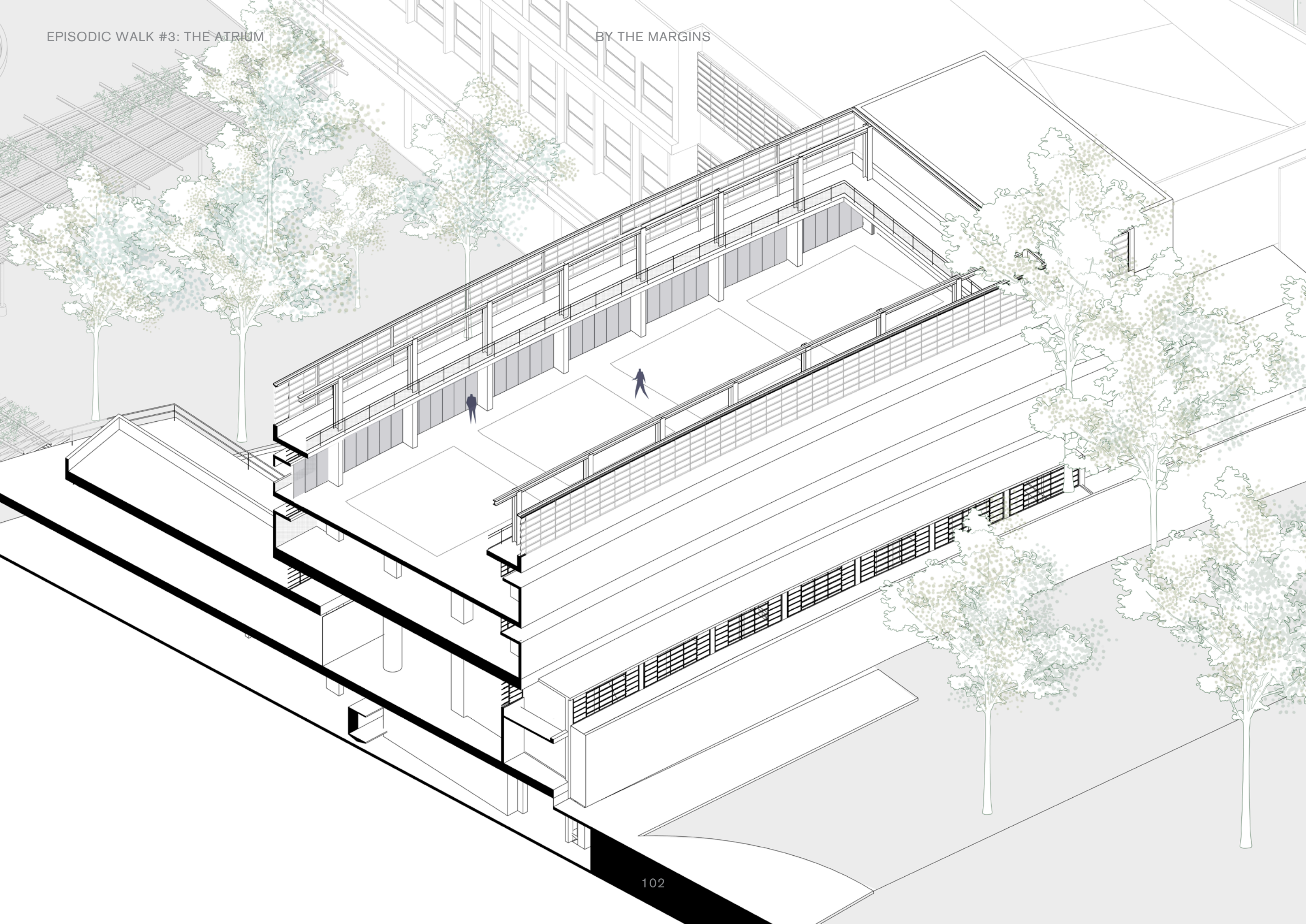


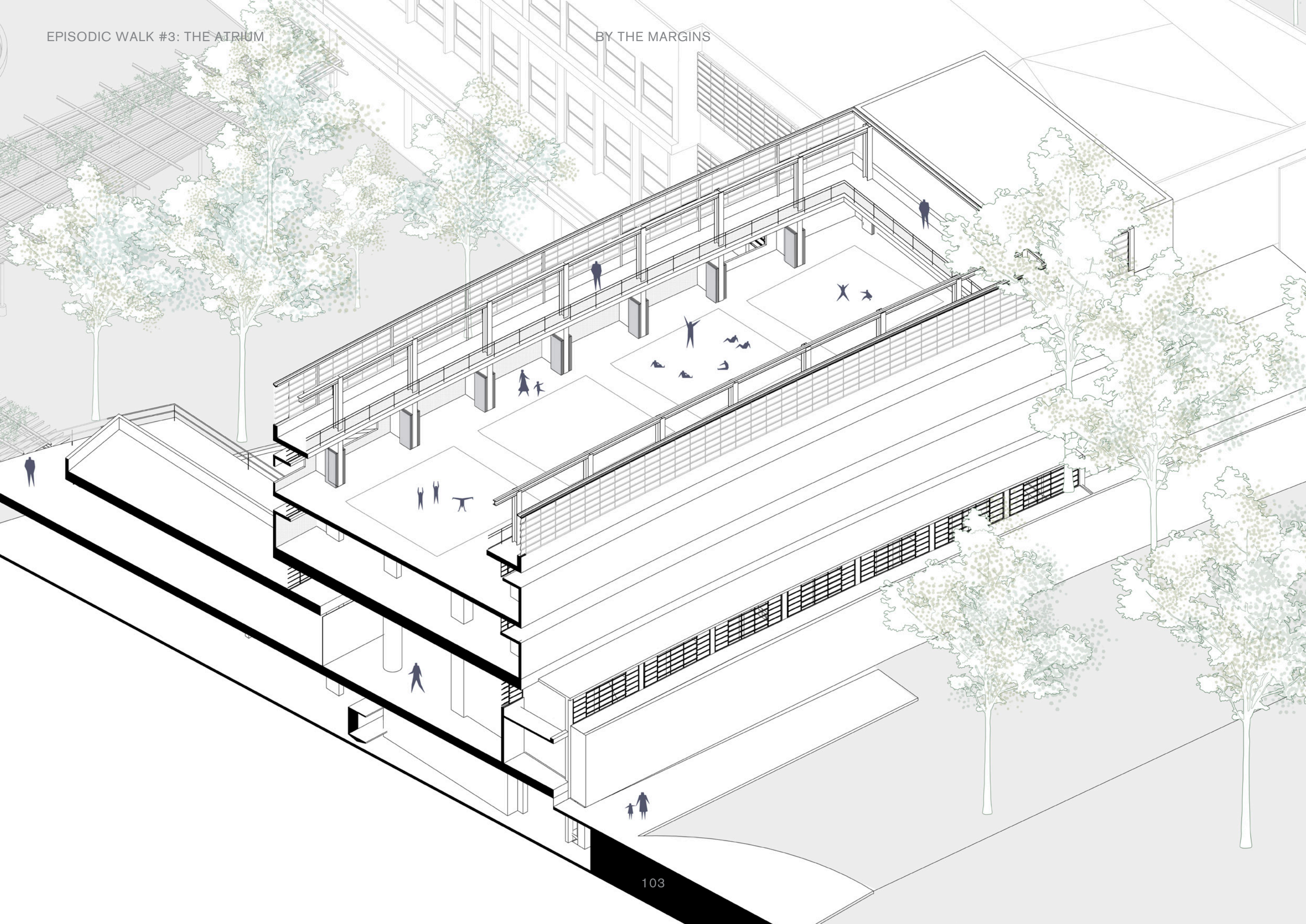
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são paulo, 2005

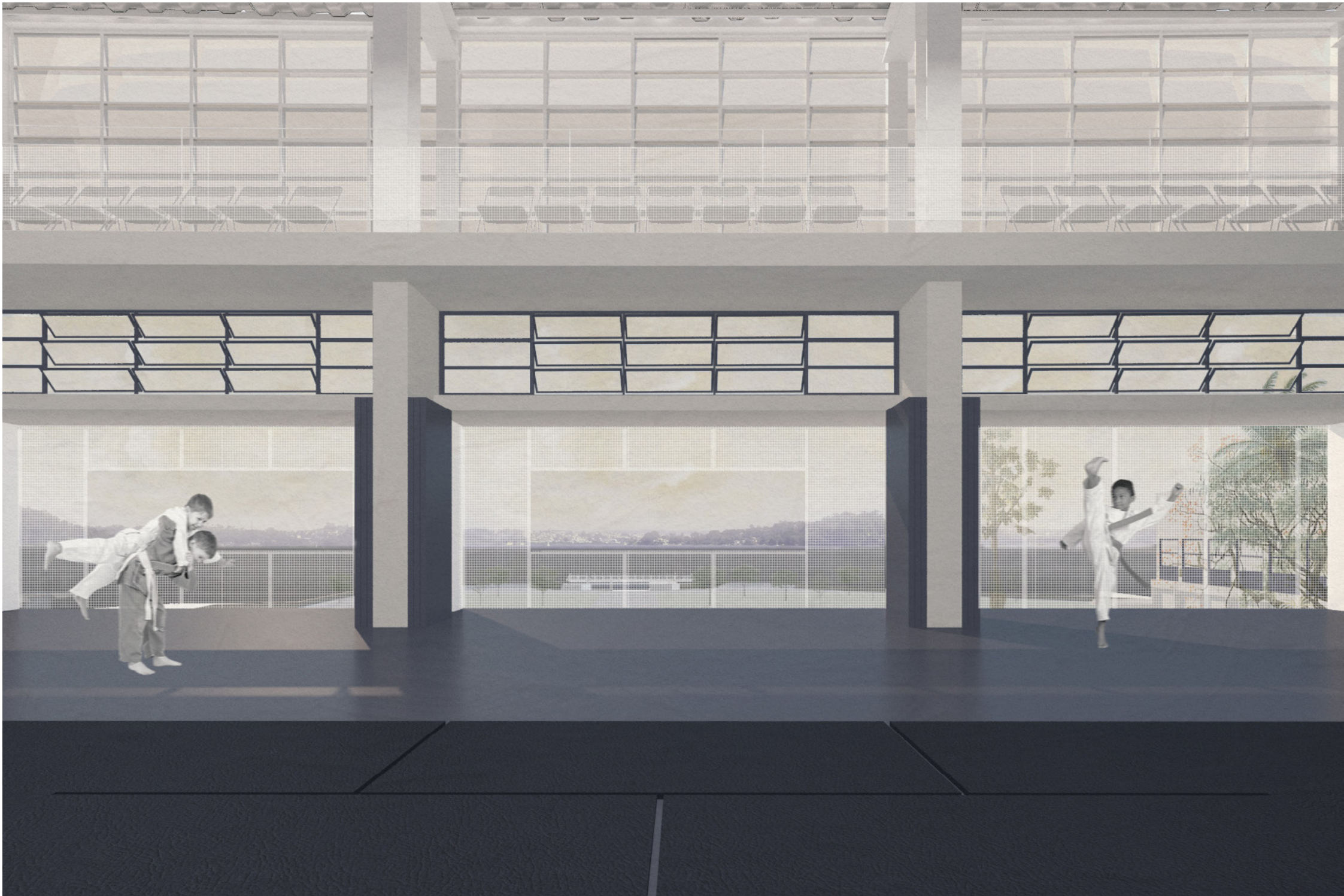


VIEW FROM SPORTS HALL

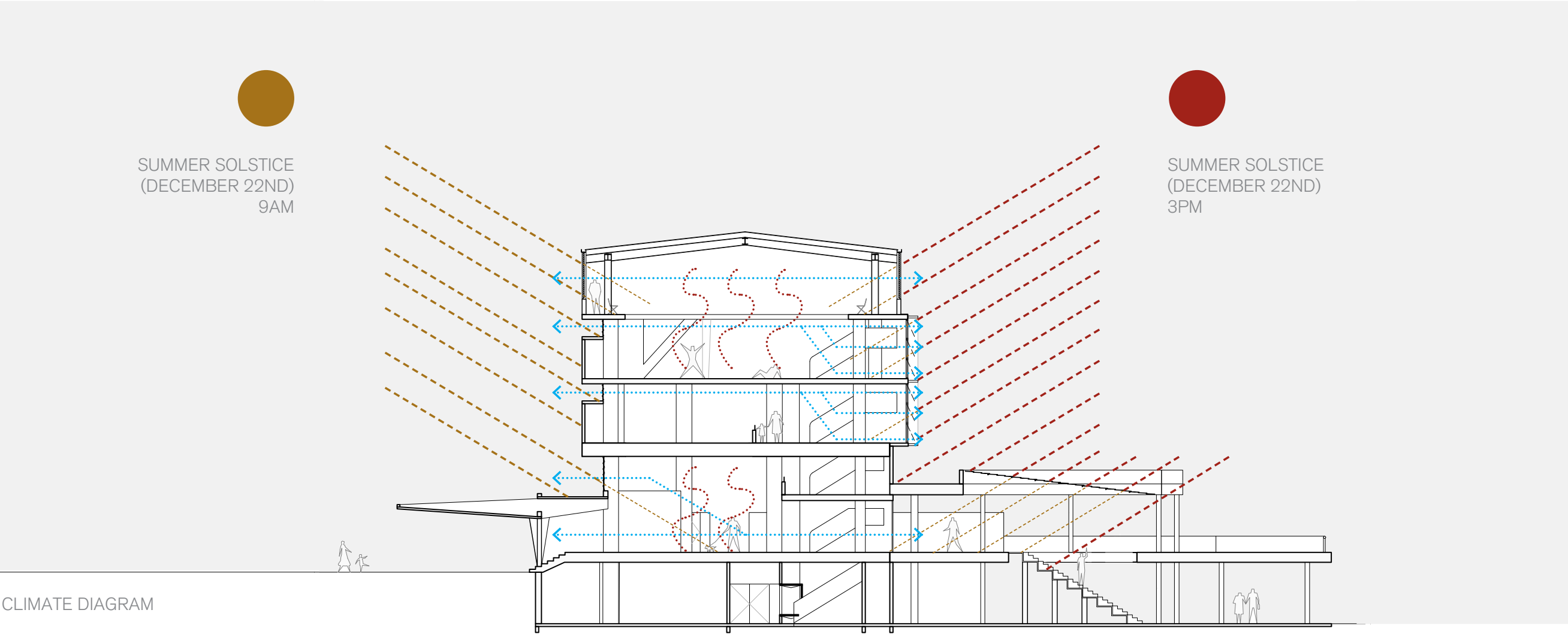


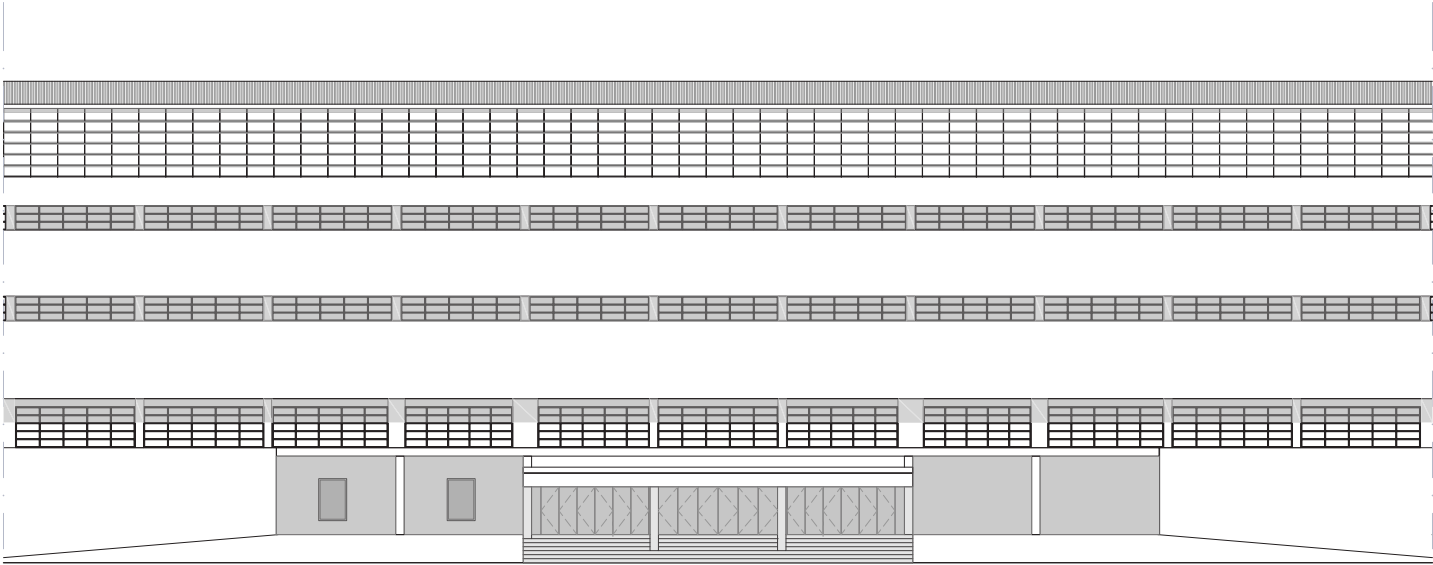




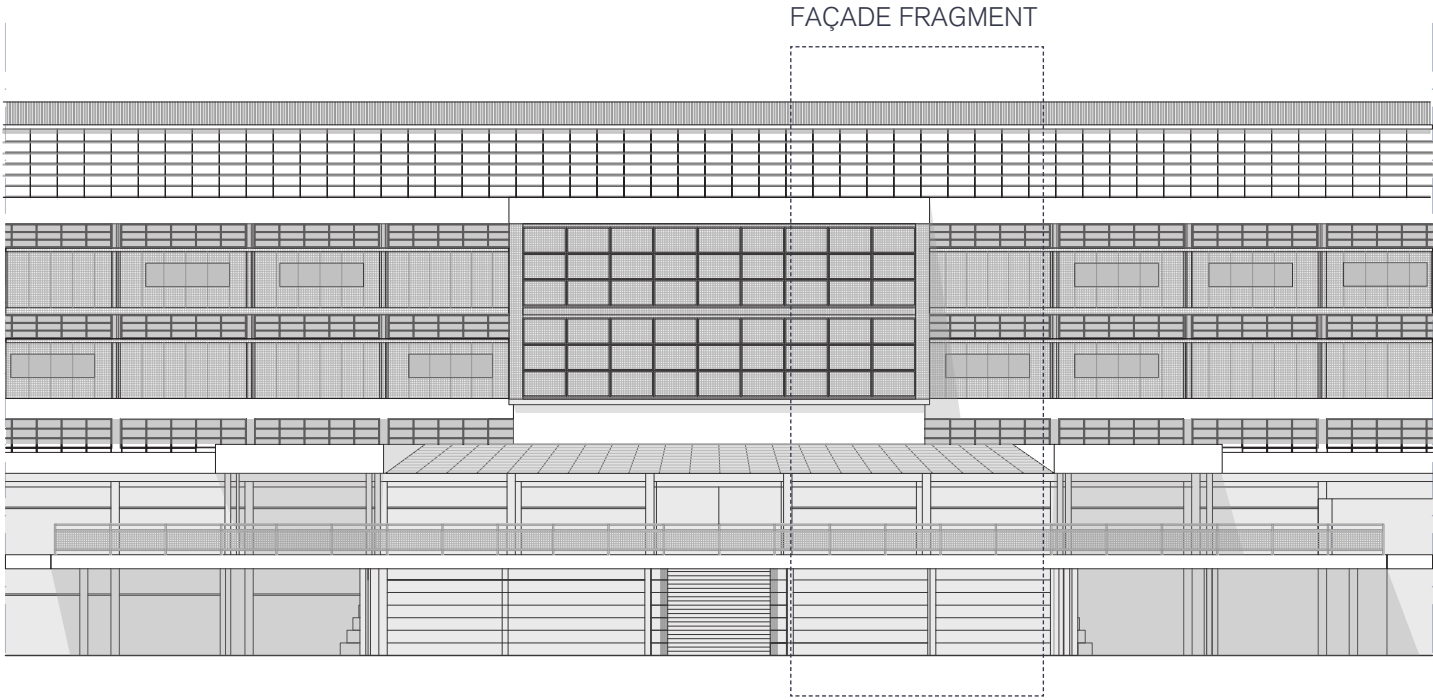


VIEW FROM SPORTS HALL - DOORS OPEN

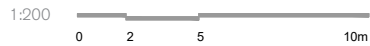


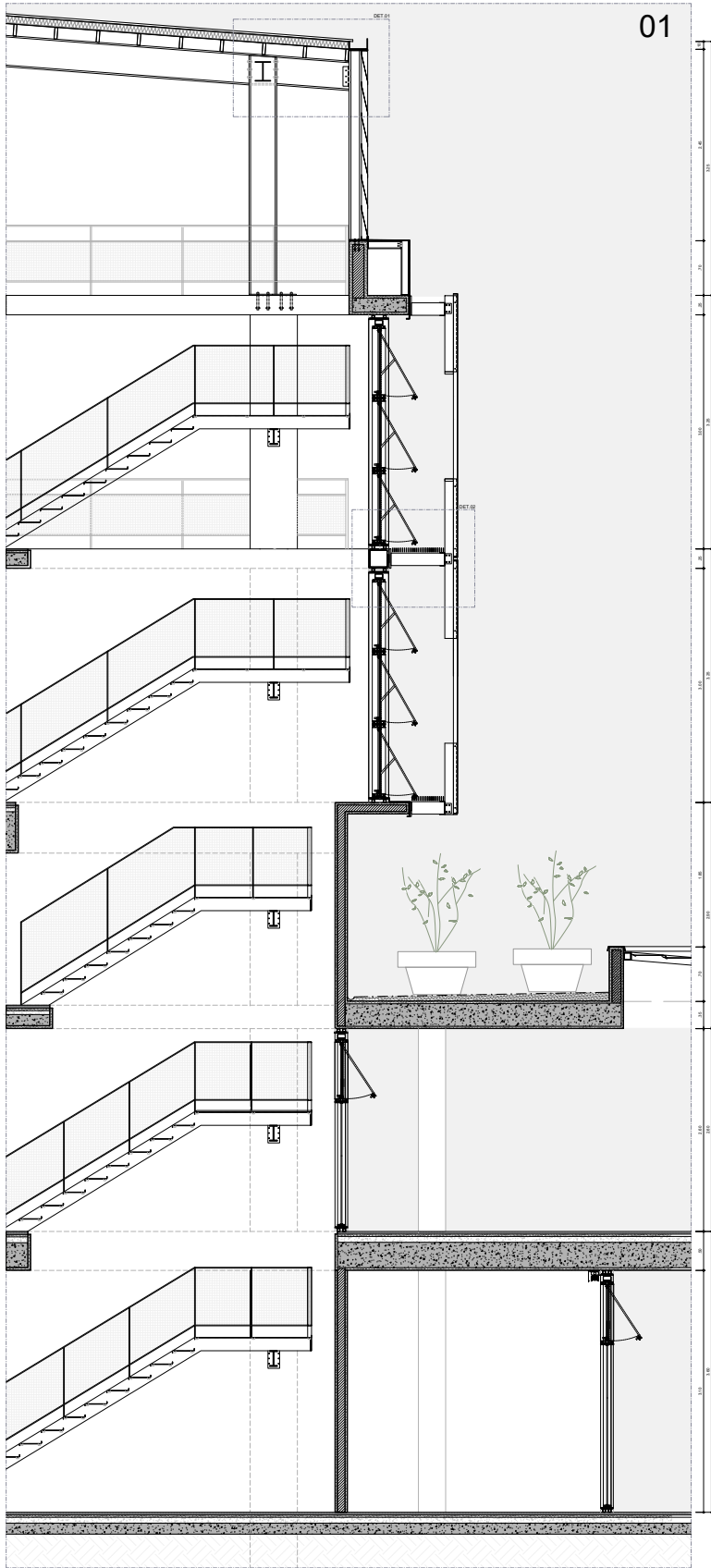


EAST ELEVATION



WEST ELEVATION

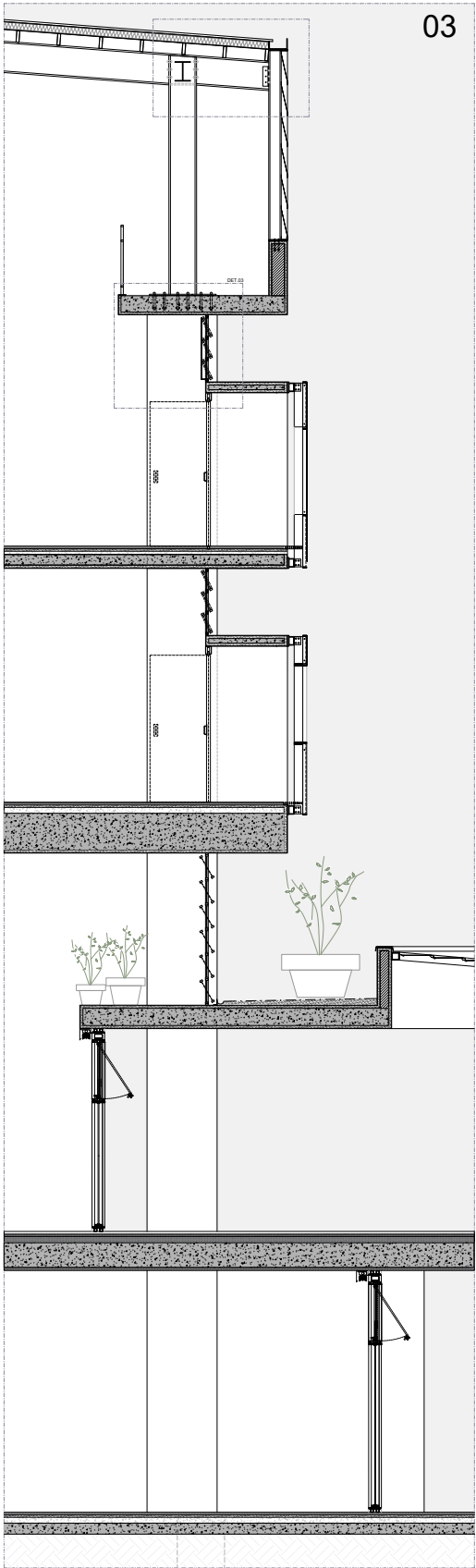




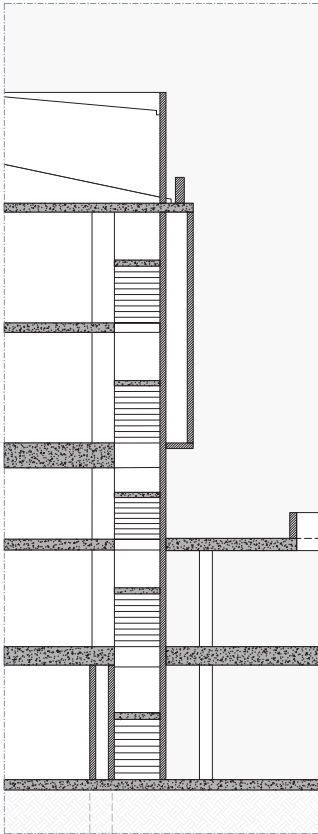
FAÇADE SECTION - 01



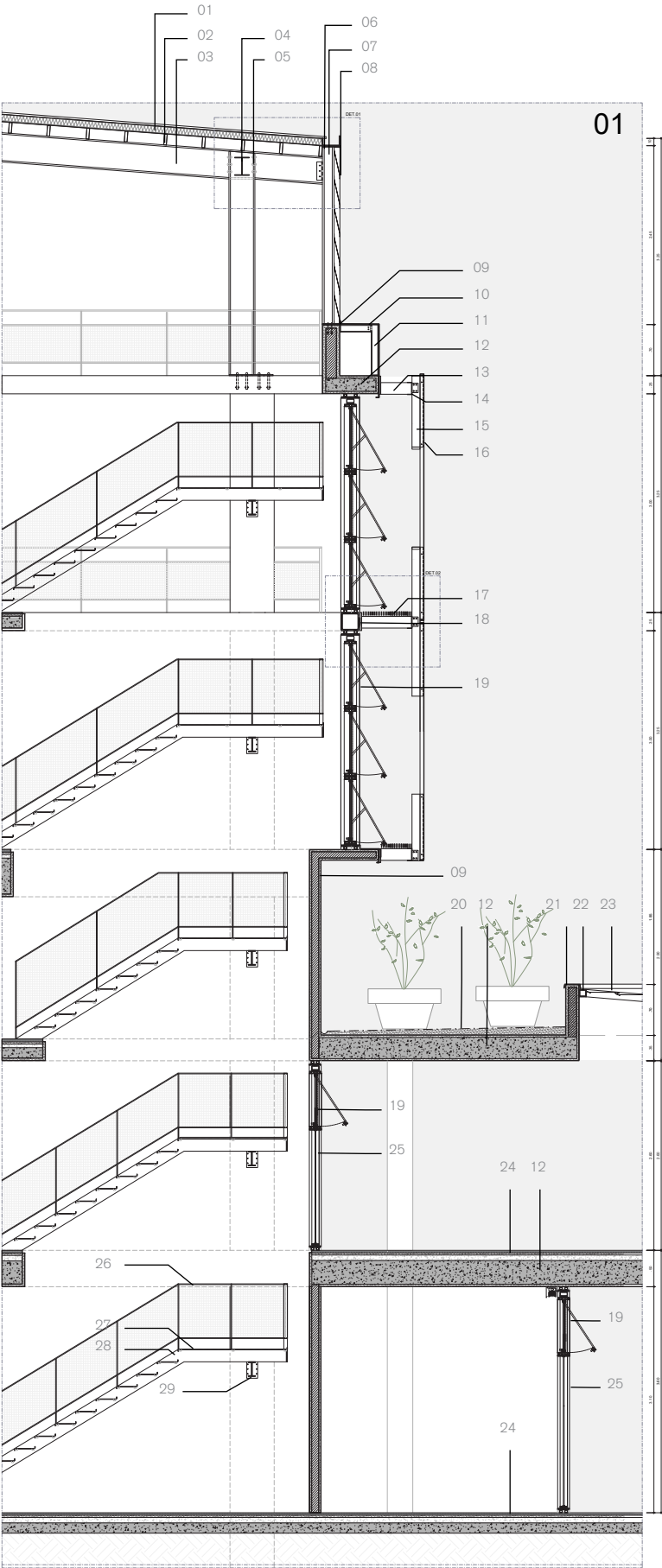
FAÇADE ELEVATION



FAÇADE SECTION - 02



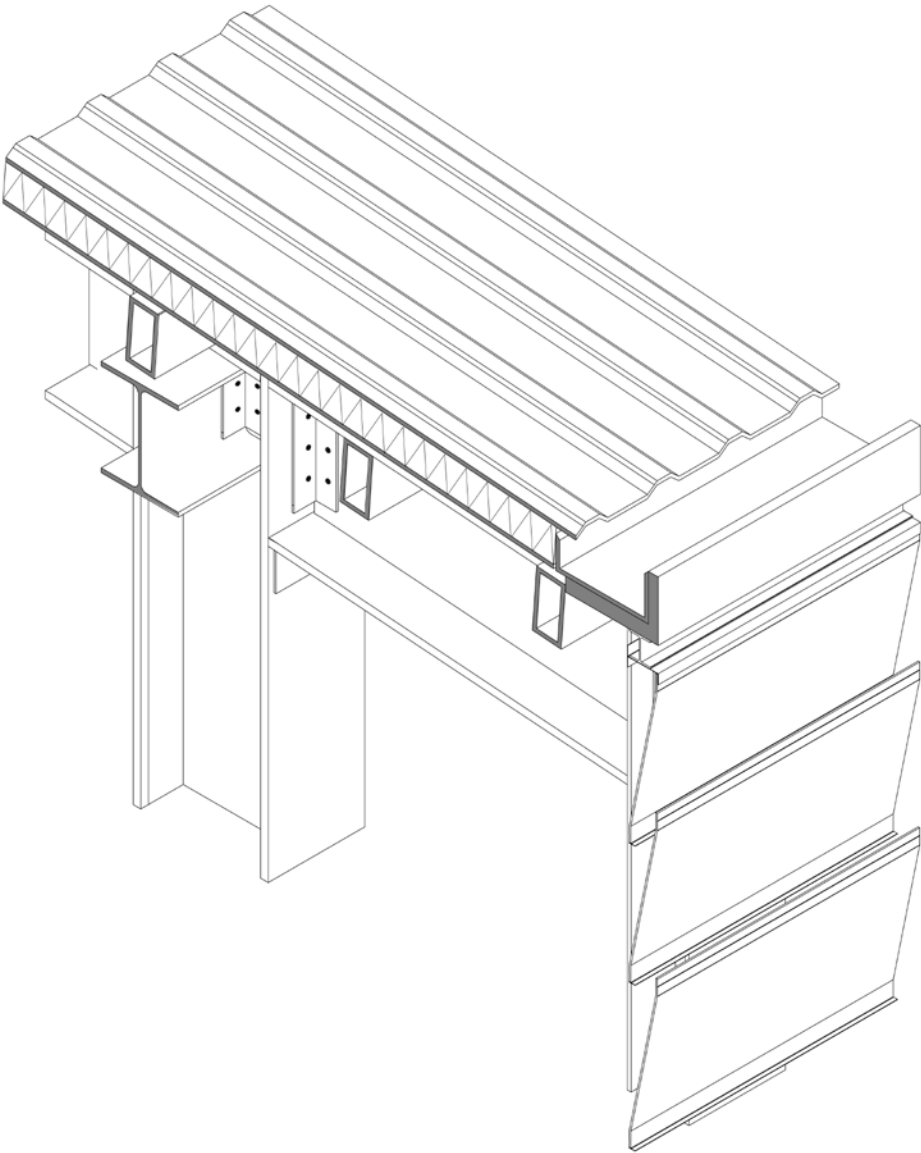
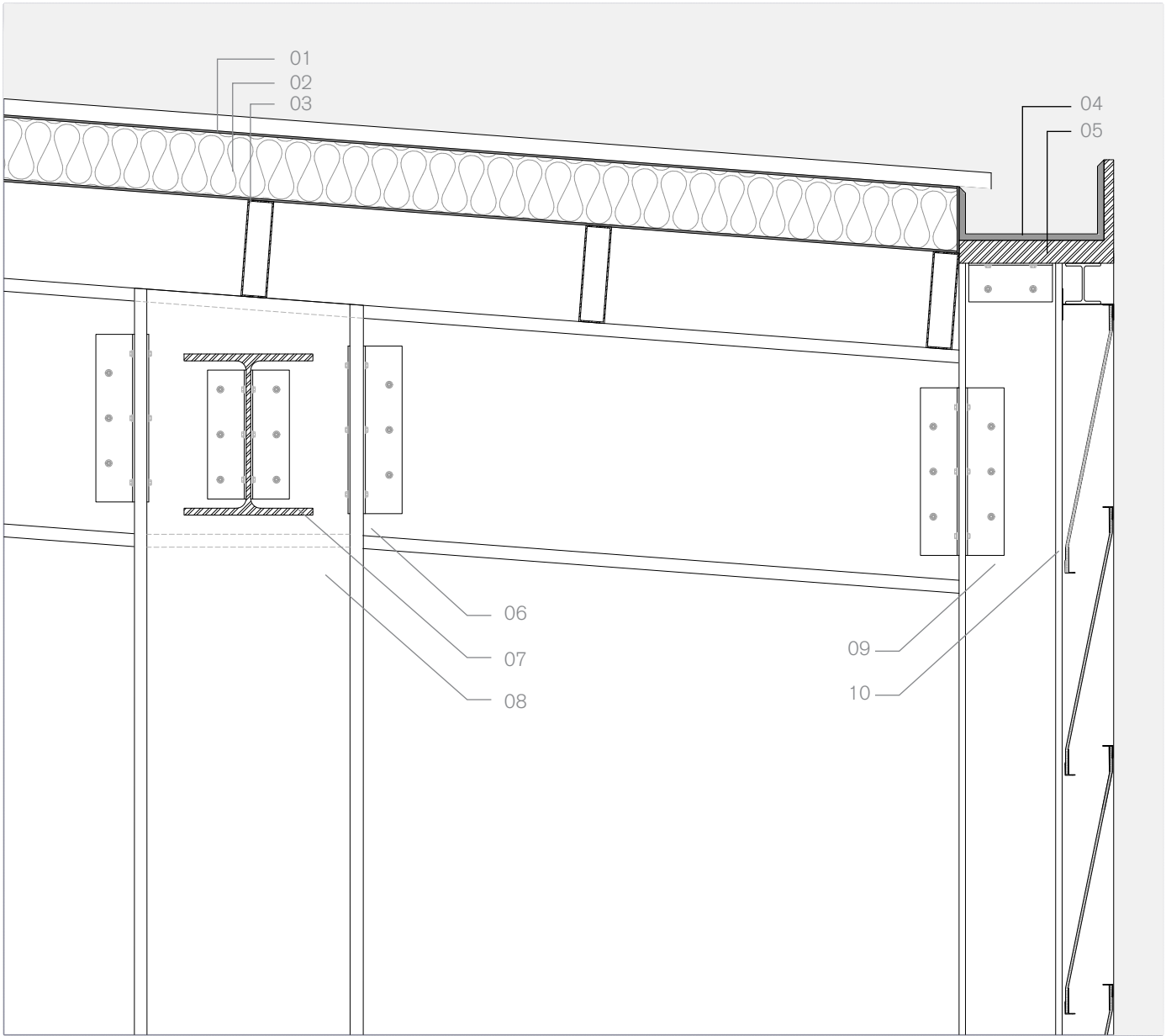
ORIGINAL SITUATION



- 1 thermoacoustic sandwich roof of zinc sheet with PIR foam insulation (150mm)
- 2 roof purlin in steel bar (15x35mm)
- 3 steelbeam(250x350mm) coated in enamel paint RAL 9016"
- 4 steelbeam(200x250mm) coated in enamel paint RAL 9016"
- 5 s t e e l column (250x350mm) coated in enamel paint RAL 9016"
- 6 galvanized zinc gutter
- 7 steel strut (250x160mm)
- 8 louver "comovent" type in polycarbonate
- 9 existing brick wall (coated in 5mm roughcast layer, 35mm mortar & 50mm texturized wall plaster in creamy white paint)
- 10 folded steel sheet for capping
- 11 steel bars substructure
- 12 existing concrete slab (coated in 5mm regularization layer, 35mm mortar and 50mm texturized wall plaster in creamy white paint)
- 13 structuring steel profile (placed every 1500mm)
- 14 UPN continuous steel profile
- 15 supporting structure, coated galvanized steel plate (2mm)

- 16 folded sheet metal panels framing with expanded metal mesh (60% open area) coated in white enamel color (RAL 9016)
- 17 metal grid (5x5mm)
- 18 steel tube (250x250mm)
- 19 window frame "maxi-air" type in aluminum profiles + 6mm glass
- 20 sloped cement filling with waterproof coating
- 21 zinc cap
- 22 steel tube for roof structure (100x100mm)
- 23 light roof in polycarbonate panels screwed on steel purlins
- 24 existing floor in goiás stone (+35mm regularizing mortar+70mm screed)
- 25 fixed window frame in aluminum profiles + 6mm glass
- 26 "metallic railing in steel bar structure and steel grating grid coatead in enamel paint RAL 9016"
- 27 stairs steps in folded steel sheet coatead in enamel paint RAL 9016
- 28 stair structure in pre-fabricated steel profile coatead in enamel paint RAL 9016
- 29 "steel profile fixated in existing concrete column coatead in enamel paint RAL 9016"

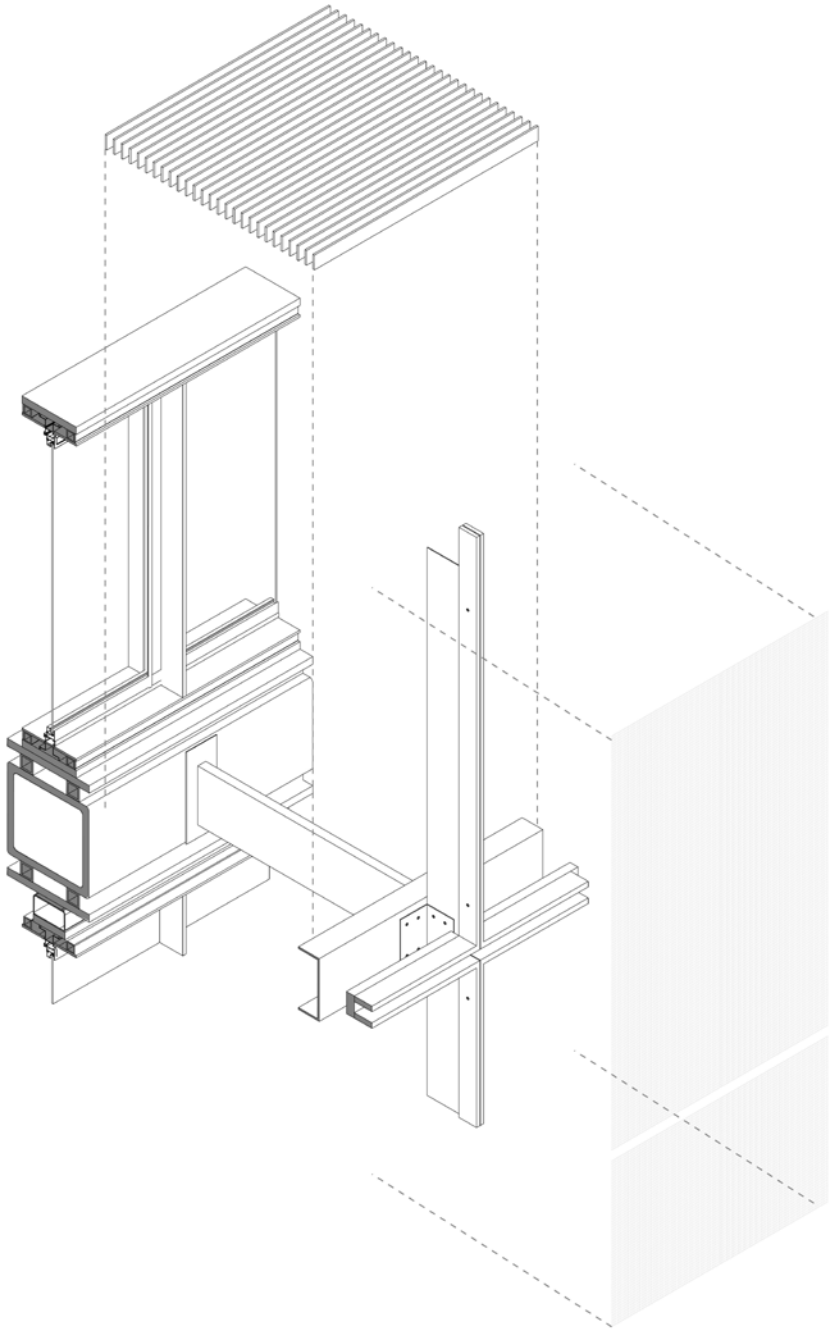
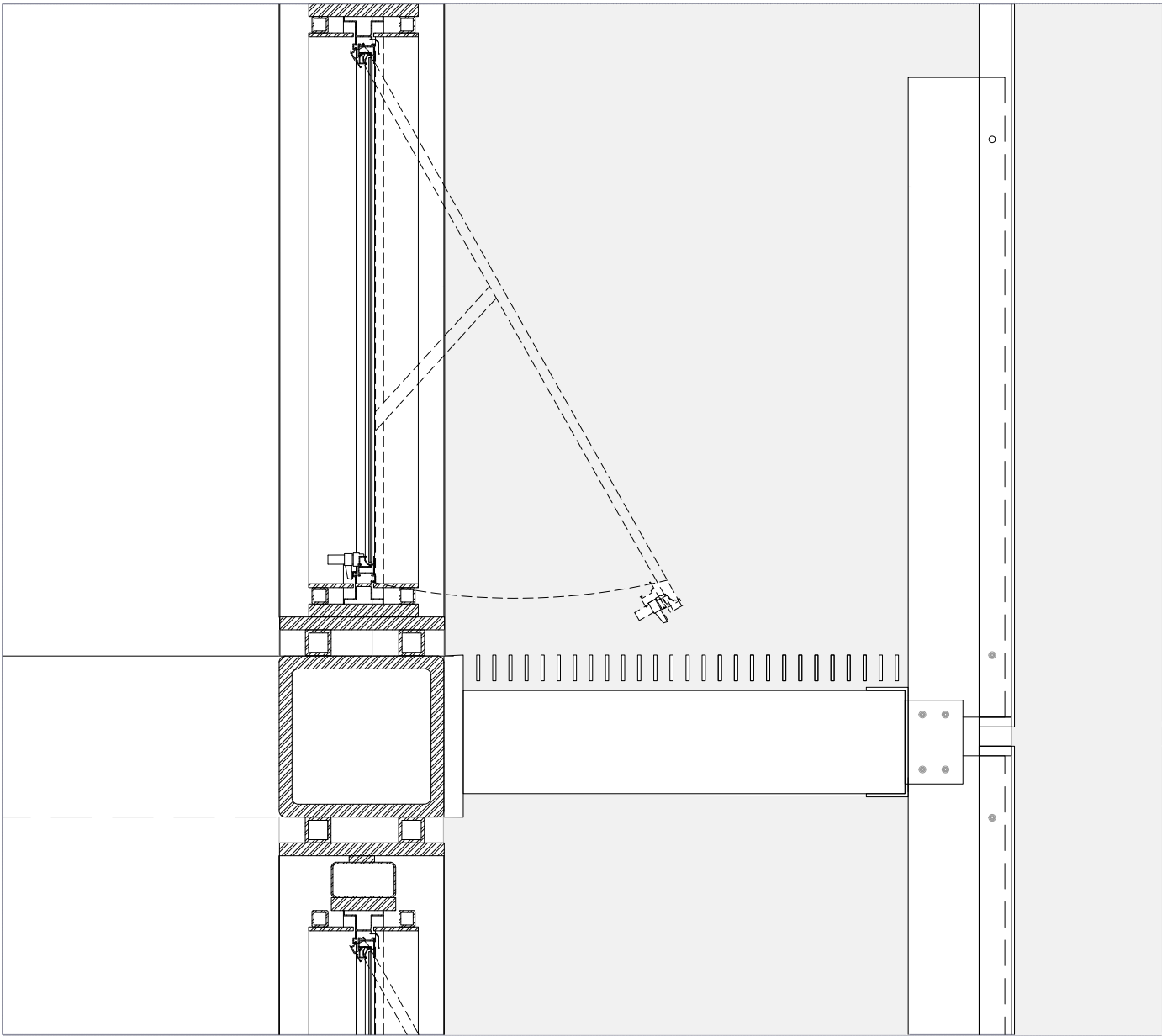
FAÇADE SECTION - 01



DETAIL - 01

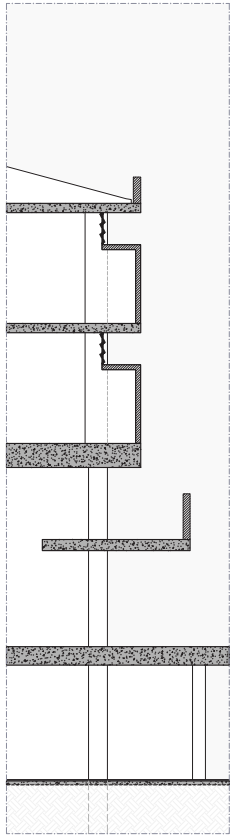


- 01 - Corrugated zinc sheet
- 02 - PIR thermal and acoustic insulation
- 03 - Roof purlin bar in steel (15x35mm)
- 04 - Galvanized Zinc Gutter
- 05 - L Shaped steel profile for finishing
- 06 - H Steel Beam
- 07 - H Steel Beam
- 08 - H Steel Column
- 09 - Louver "comoment" type in Polycarbonate
- 10 - Louver "comoment" type in Polycarbonate

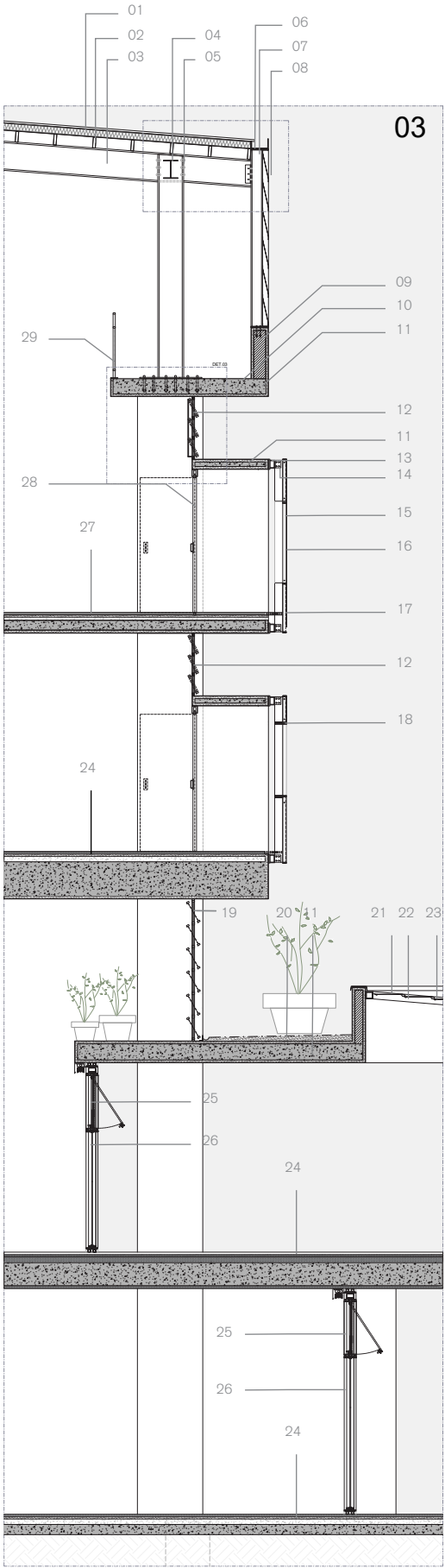


DETAIL - 02





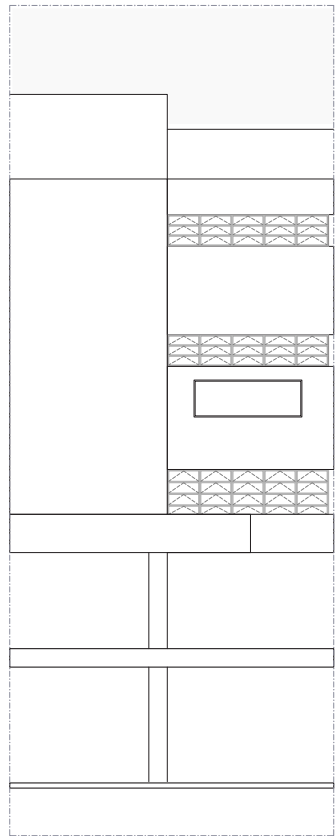
ORIGINAL SITUATION



- 1 "thermoacoustic sandwich roof of zinc sheet with PIR foam insulation (150mm)"
- 2 "roof purlin in steel bar (15x35mm)"
- 3 "steel beam (250x350mm) coated in enamel paint RAL 9016 - white traffic light"
- 4 "steel beam (200x250mm) coated in enamel paint RAL 9016 - white traffic light"
- 5 "steel column (250x350mm) coated in enamel paint RAL 9016 - white traffic light"
- 6 galvanized zinc gutter
- 7 steel strut (250x160mm)
- 8 louver "comovent" type in polycarbonate
- 9 existing brick wall (coated in 5mm roughcast layer, 35mm mortar & 50mm texturized wall plaster in creamy white paint)
- 10 polished surface of existing concrete slab
- 11 existing concrete slab (coated in 5mm regularization layer, 35mm mortar and 50mm texturized wall plaster in acrylic paint of original color)
- 12 renovated metallic triple awning window coated in enamel paint RAL5020 (ocean blue)
- 13 UPN continuous steel profile
- 14 structuring steel profile (placed every 1500mm)
- 15 supporting structure, coated galvanized steel plate (2mm)

- 16 folded sheet metal panels framing with expanded metal mesh (60% open area) coated in white enamel color (RAL 9016 - white traffic light)
- 17 metal grid (5x5mm)
- 18 horizontal steel bar for structuring opening in mesh
- 19 renovated metallic six-times awning window coated in enamel paint RAL5020 (ocean blue)
- 20 sloped cement filling with waterproof coating
- 21 zinc cap
- 22 steel tube for roof structure (100x100mm)
- 23 light roof in polycarbonate panels screwed on steel purlins
- 24 existing floor in goiás stone (+35mm regularizing mortar+70mm screed)
- 25 window frame "maxi-air" type in aluminum profiles + 6mm glass
- 26 fixed window frame in aluminum profiles + 6mm glass
- 27 rubberized floor adapted for the practice of sports (35mm) in the color RAL5020 (ocean blue)
- 28 bifold door in wood (50mm) coated in shiny enamel based paint in color RAL5020 (ocean blue)
- 29 "metallic railing in steel bar structure and steel grating grid coatead in enamel paint RAL 9016 - white traffic light"

FAÇADE SECTION - 01

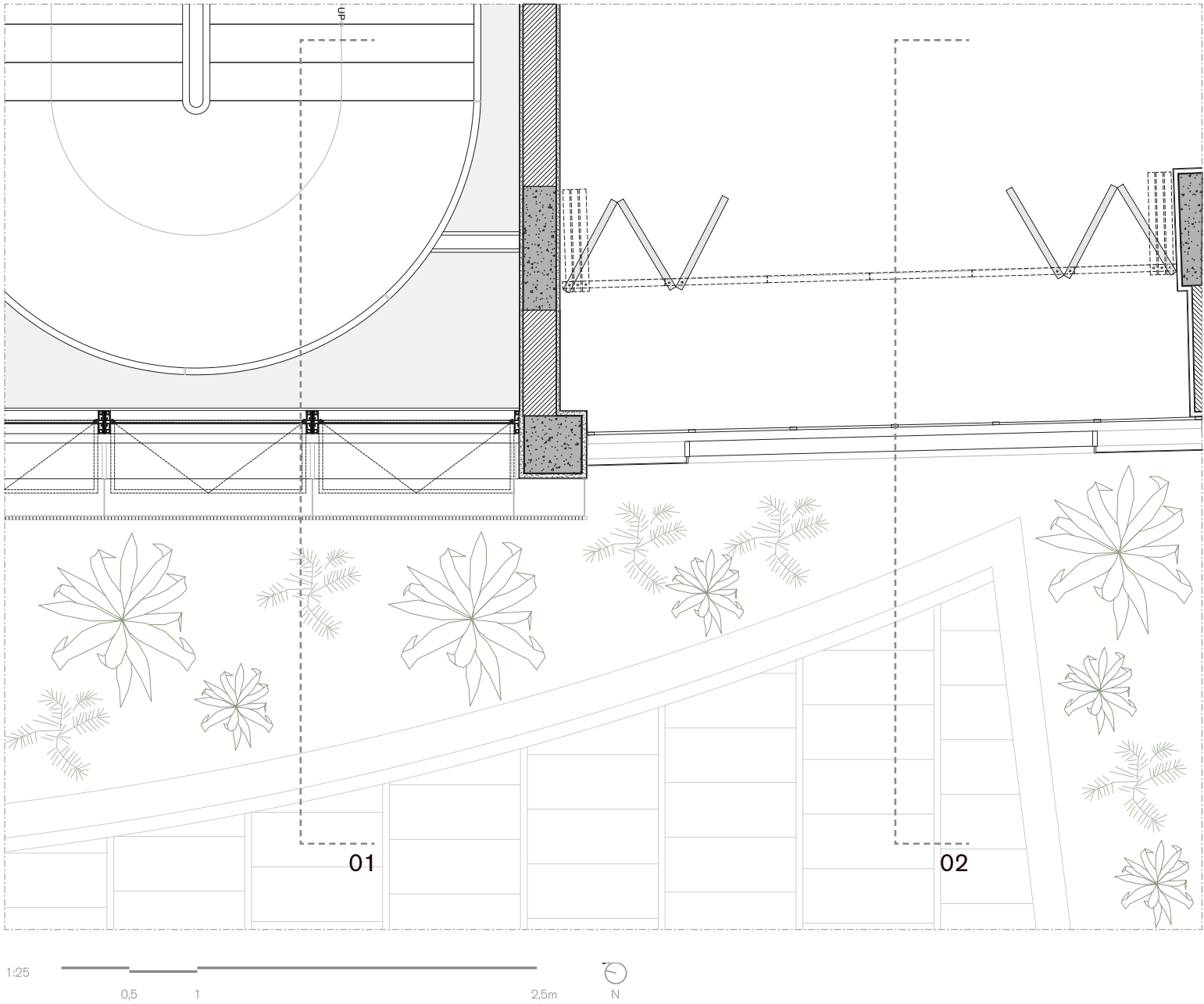


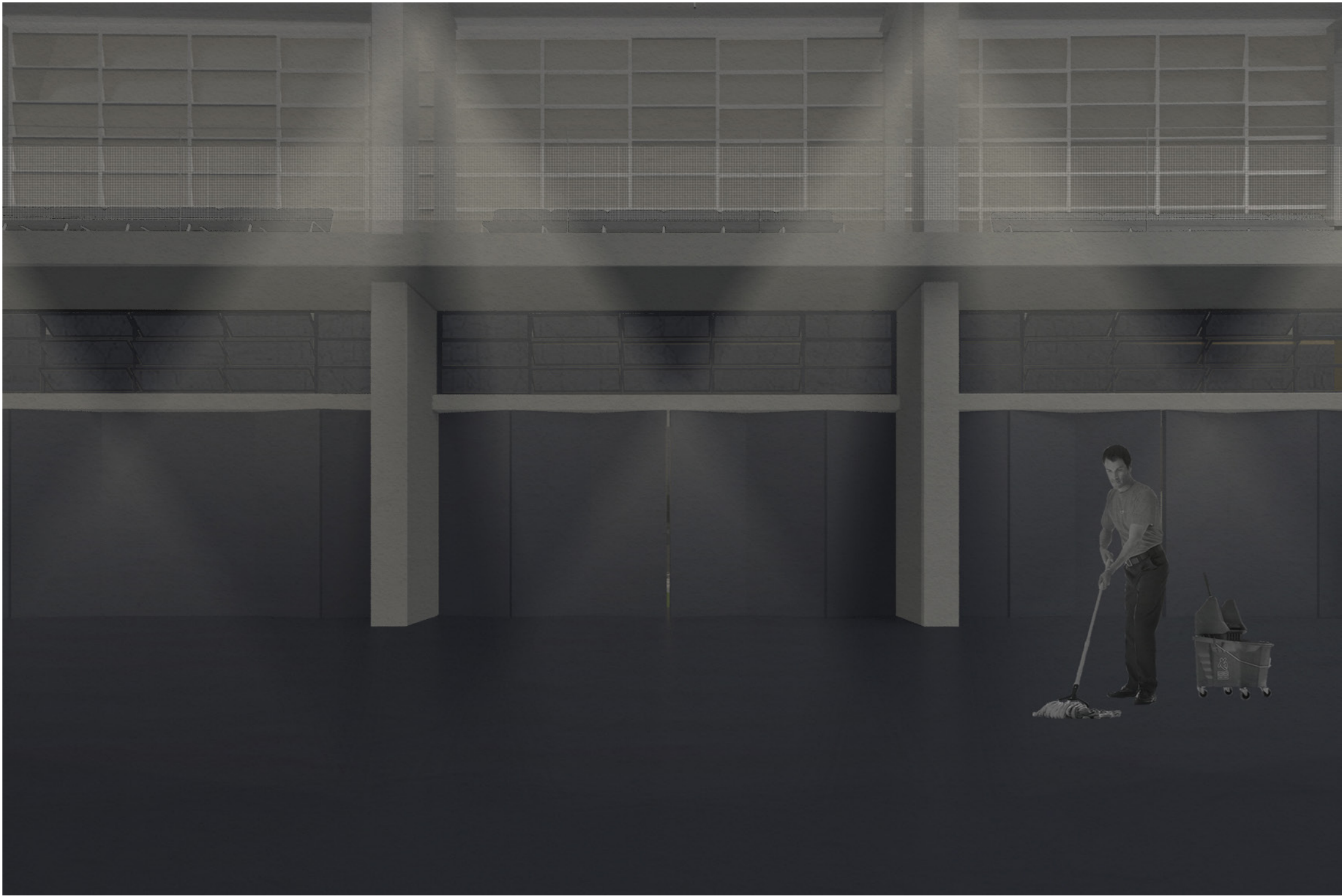
ORIGINAL SITUATION



FAÇADE ELEVATION







VIEW FROM SPORTS HALL - DOORS CLOSED



BY THE MARGINS

passages & permanences in the outskirts são paulo

EXPLORE LAB GRADUATION STUDIO
TU DELFT

STUDENT:GIULIA RAVANINI SILVA - 6065910

DESIGN TUTOR: EIREEN SCHREURS
RESEARCH TUTOR: JANINA GOSSEYE
BUILDING TECHNOLOGY TUTOR: MATTHIJS KLOOSTER