BSB VALPO

Bodega Simón Bolívar

social, spatial, sonic interminglings



A project for the coastline of Valparaíso, Chile

Evgenia Vlachaki 4622928 | MSc Architecture

Chair of Methods and Analysis
Positions in Practice, Valparaíso

CONTENTS

INTRODUCTION

CONTEXT

Communities of Valparaíso

REVITALIZATION OF THE COASTLINE

Potential sites

Site of intervention: Bodega Simón Bolívar

Site history: Muelle Barón

The urban debate

Urban strategy

Landscape strategy

ON LISTENING & SOUND

Neglected senses

Sound as a tool

THE PUBLIC LANDSCAPE

Landscape moments & aural attributes

WAREHOUSE REPURPOSING

Main intervention components

SUSTAINABLE MANAGEMENT

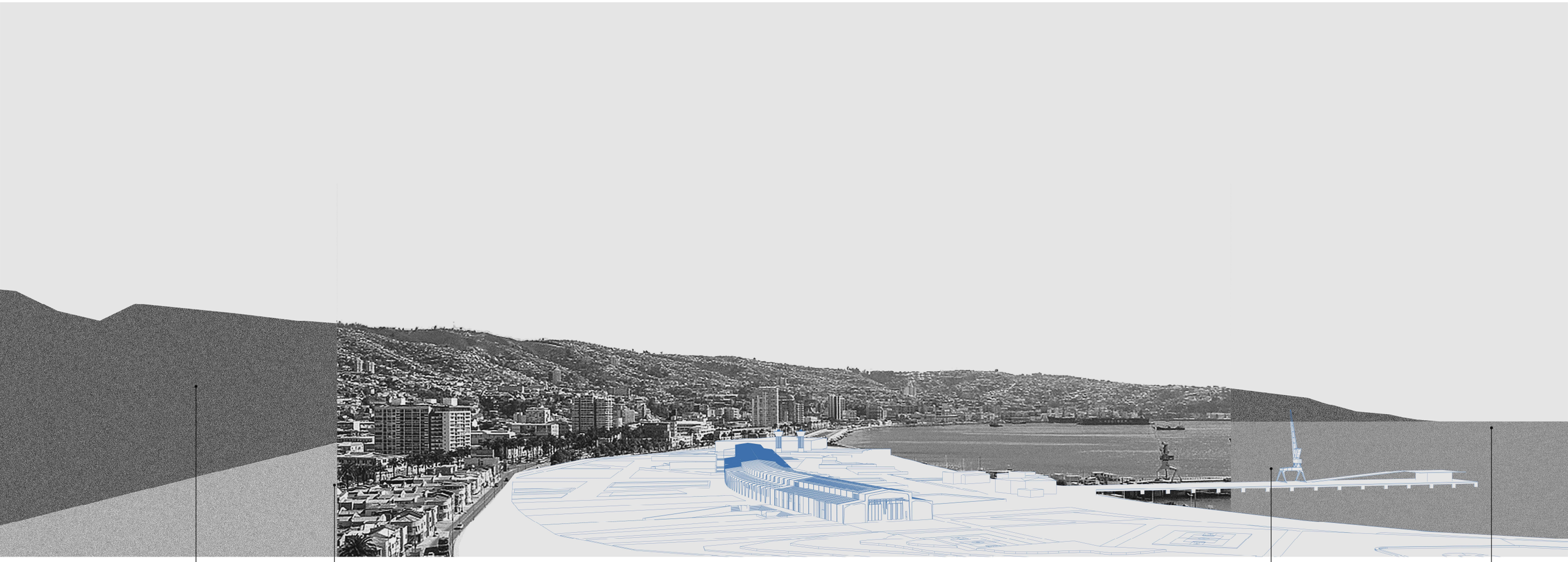
MATERIALITY IN USE

ADAPTABILITY & USER CONTROL

Scenarios of use

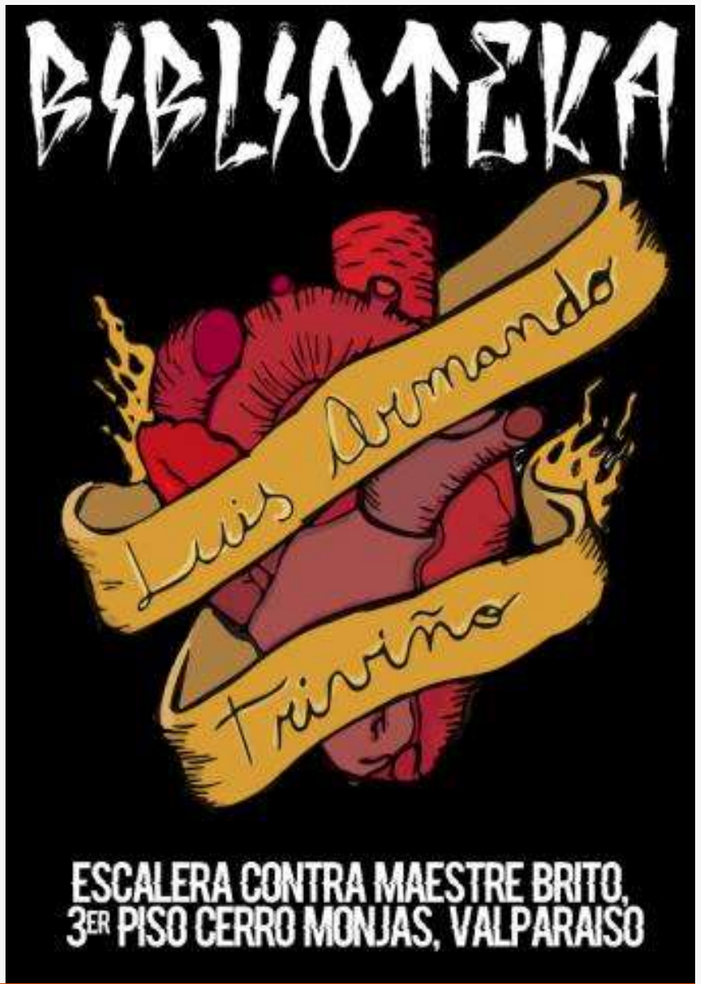
Detail design

REFLECTION



CONTEXT

COMMUNITIES OF VALPARAÍSO



ANTIAUTHORITARIAN BIBLIOTEKA L.A. TRIVINO





CASA TIAO SQUAT

COMMUNITIES OF VALPARAÍSO



CIRCUS ACT AT SITIO ERIAZO



SITIO ERIAZO - TAC

COMMUNITIES OF VALPARAÍSO



BUILDING WITH EARTH

COMMUNITIES OF VALPARAÍSO



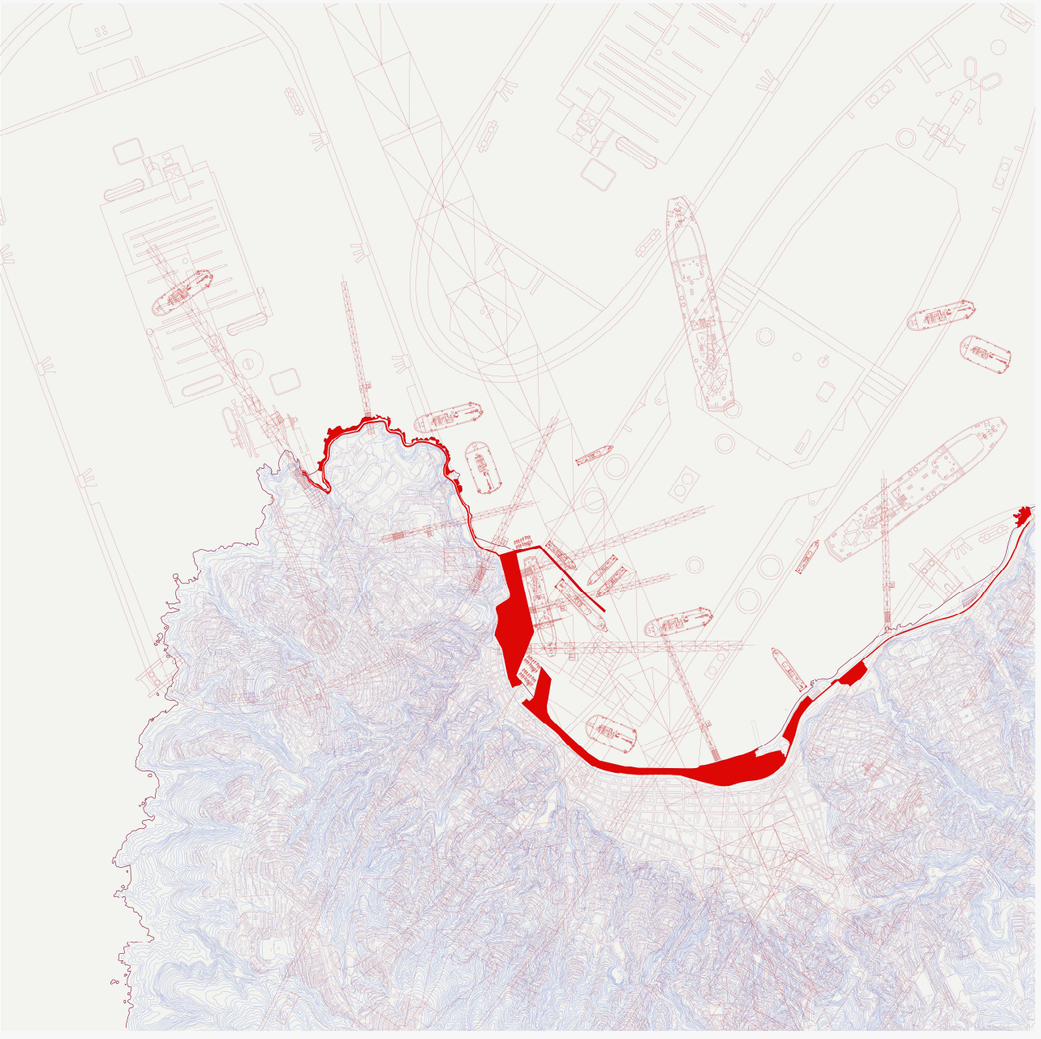
MINGA VALPO

REVITALIZATION OF THE COASTLINE





REVITALIZATION OF THE COASTLINE



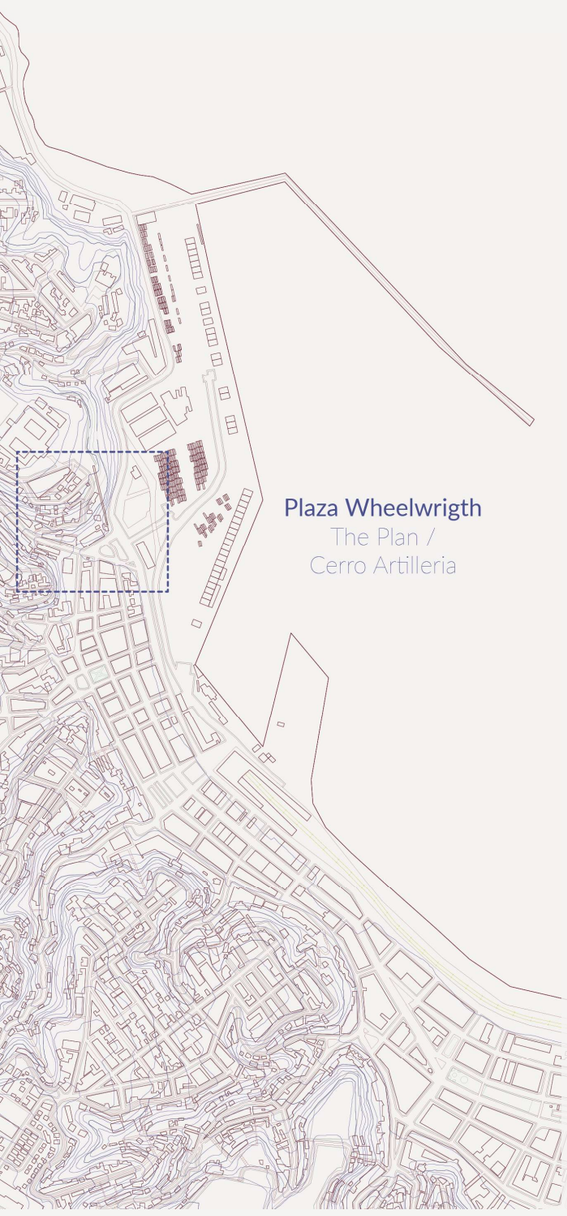
REVITALIZATION OF THE COASTLINE

'The city and citizens must never renounce their natural right to enjoy a coastal edge of universal access, [one which acts as a] public, urban landscape for recreation and gives value to the city and its World Heritage title.'

(Isaza, J. L., 2016)



POTENTIAL SITES

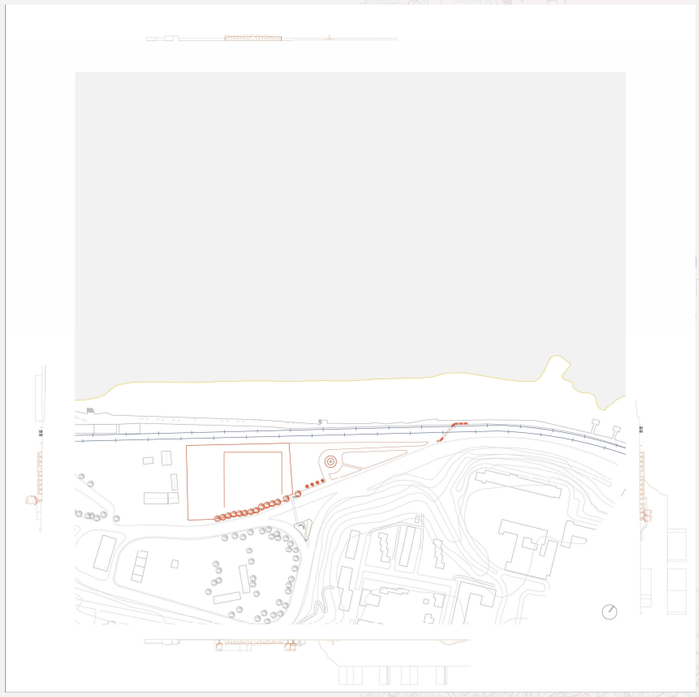




PLAZA WHEELWRIGHT
CERRO ARTILLERIA



POTENTIAL SITES



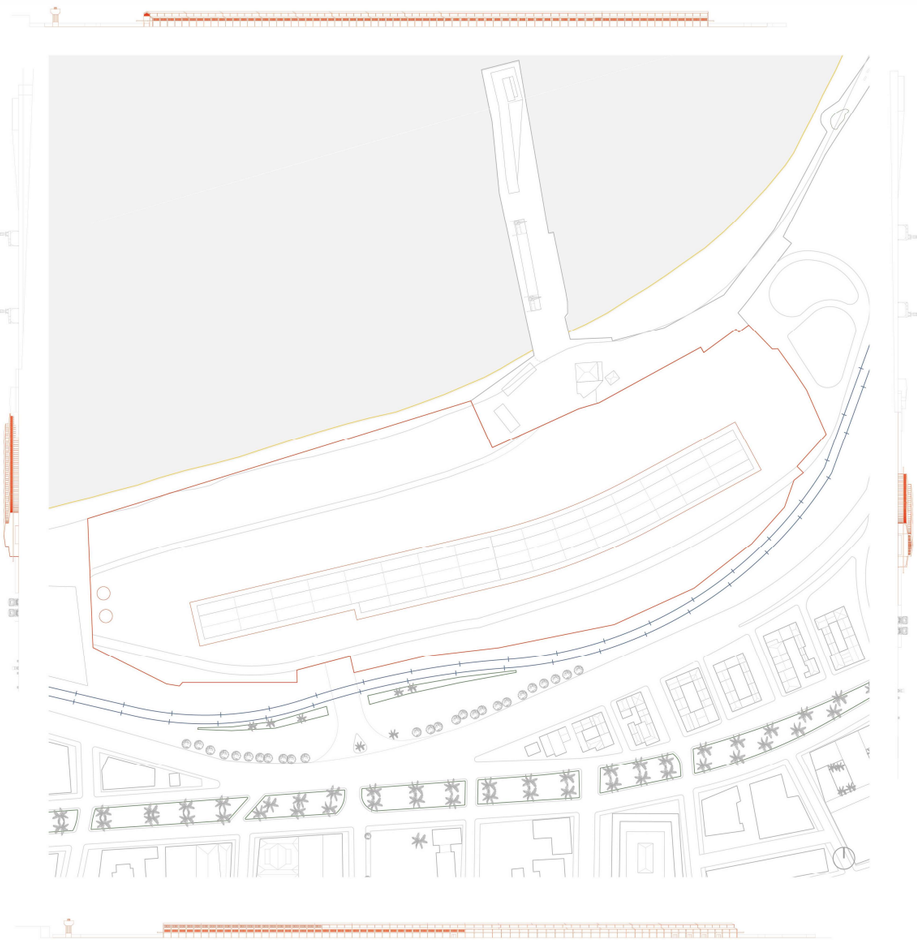


PASARELA AV ESPAÑA - YOLANDA
CERRO BARON

POTENTIAL SITES



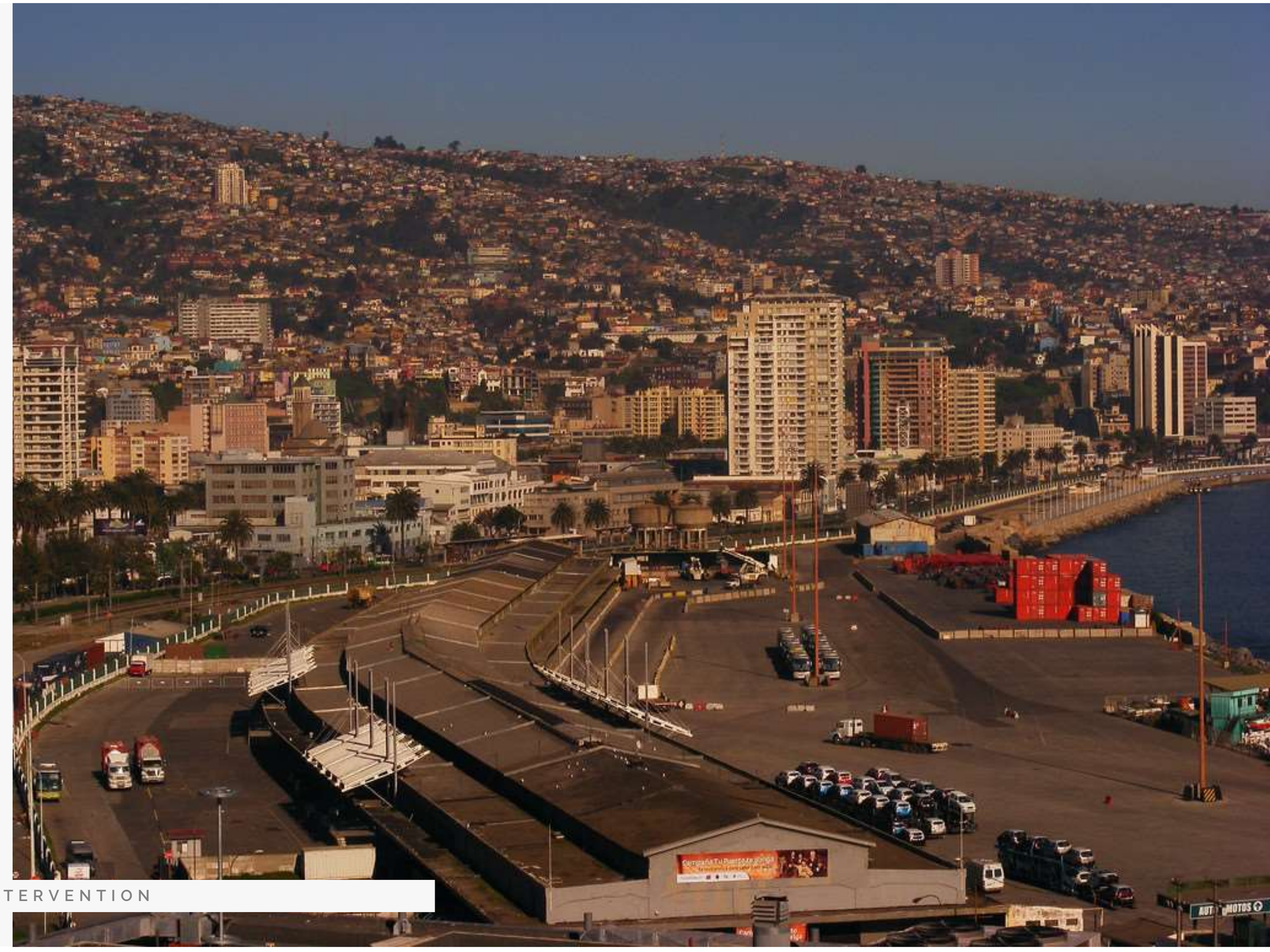
POTENTIAL SITES



SITE OF INTERVENTION



BODEGA SIMÓN BOLÍVAR
MUELLE BARÓN

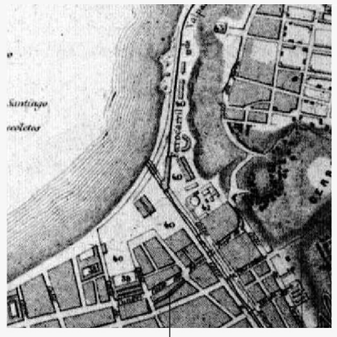


SITE OF INTERVENTION

SITE HISTORY: MUELLE BARÓN

&

THE URBAN DEBATE



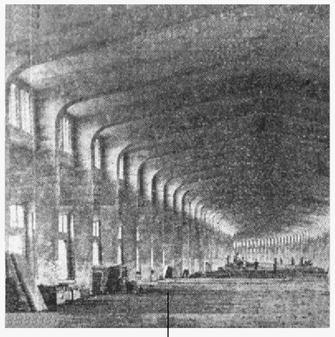
1870

the railway is inaugurated in ‘63 and in ‘70 Barón Station is built next to the beach



1910

port activity builts piers which extend the land out to the sea;
the beach is taken over by the rails and storage warehouses



1930

Botega Simon Bolivar is built
and is used as storage of coal and saltpeter



1950

originally designed for loading and unloading fruit, strong tides limit Muelle Barón’s usefulness and for a period it operates as a coal dock



2002

the warehouse is partially remodeled and used as a passangers’ terminal three months a year, while it receives exhibitions, transport fairs and private parties



2018

the old warehouse is now left unoccupied; the entire plot remains inaccessible until a new use is agreed upon

SITE HISTORY: MUELLE BARÓN



MALL PROPOSAL, “PLAZA VALPARAÍSO SOCIEDAD ANÓNIMA”



CITIZENS-PORT-UNESCO

THE URBAN DEBATE

URBAN STRATEGY

Linking opportunities



URBAN STRATEGY



COASTLINE PROMENADE

Linking opportunities

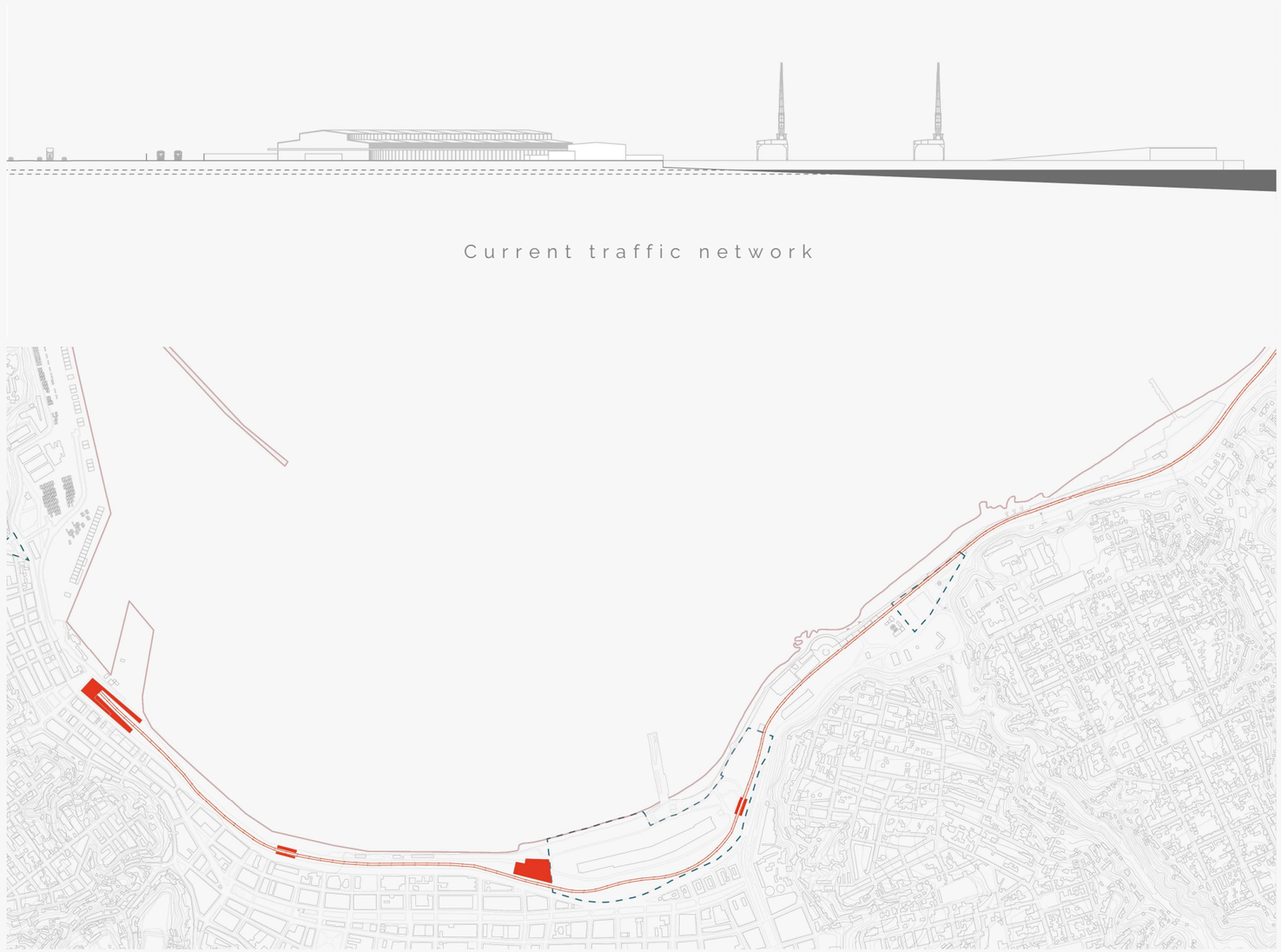






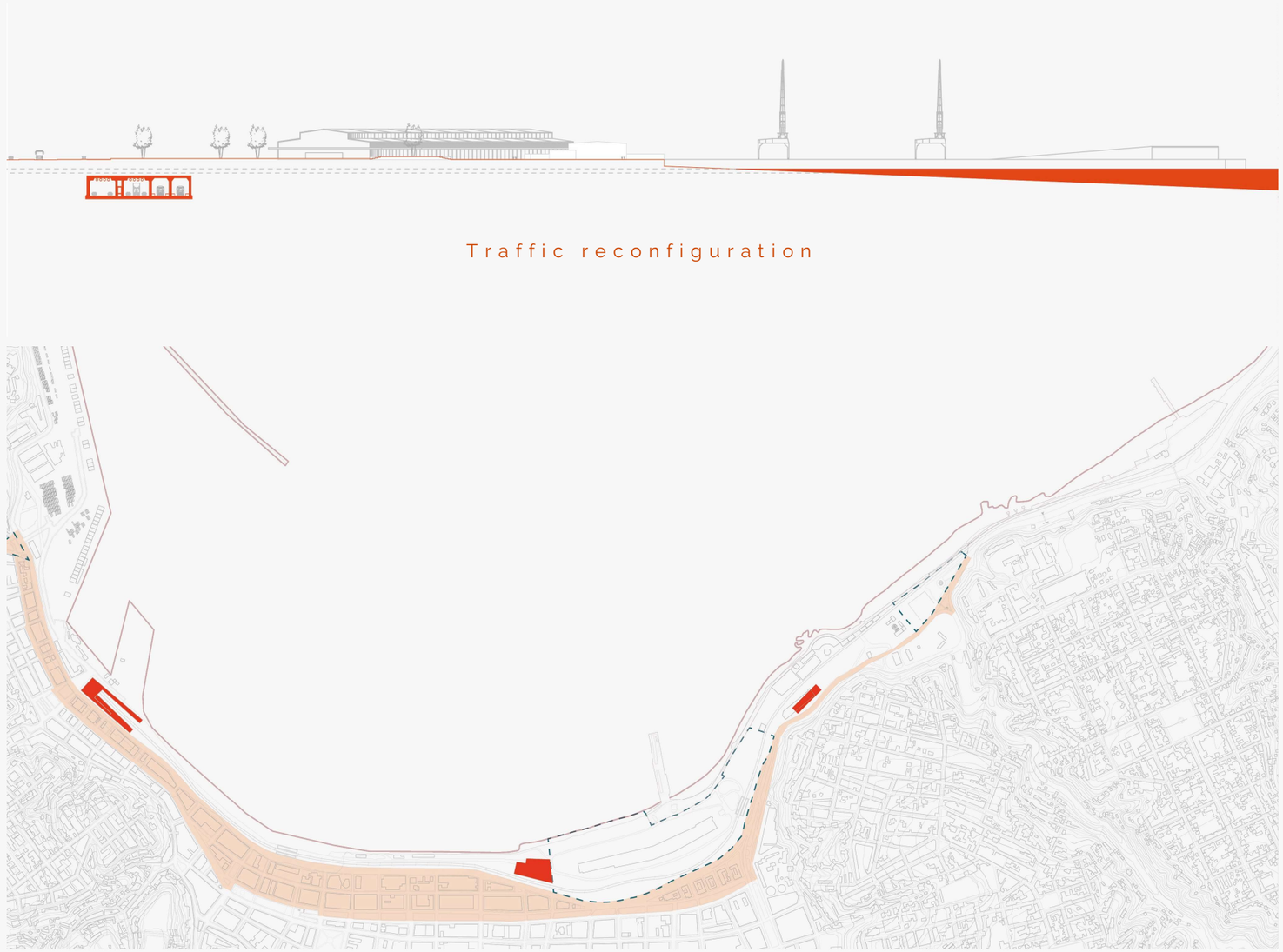
CALETA PORTALES - TORNAMESA SPORTS CENTRE

URBAN STRATEGY



Current traffic network

URBAN STRATEGY



Traffic reconfiguration

URBAN STRATEGY

LANDSCAPE STRATEGY

BEACH NOURISHMENT



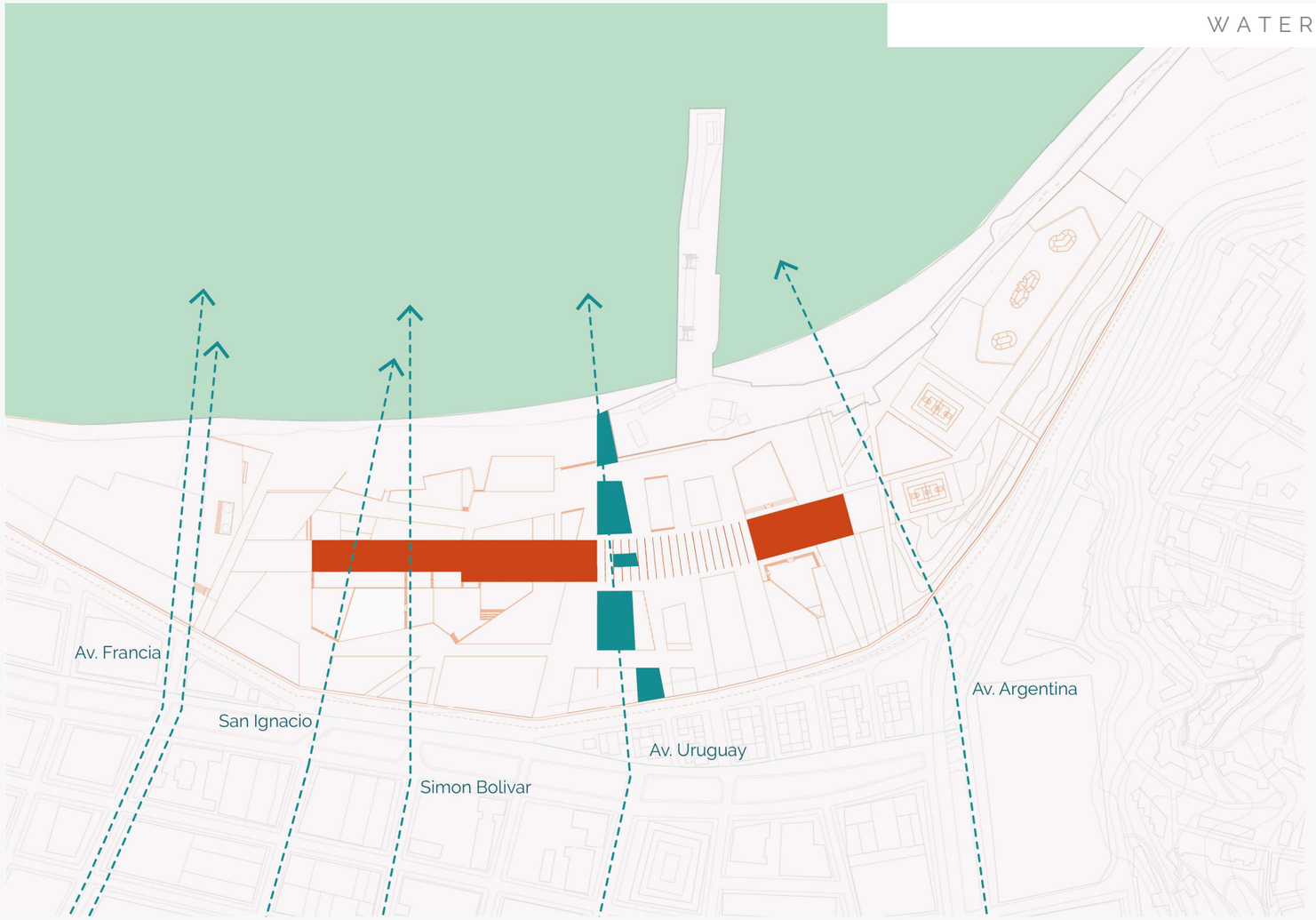
LANDSCAPE STRATEGY

GREEN AREAS



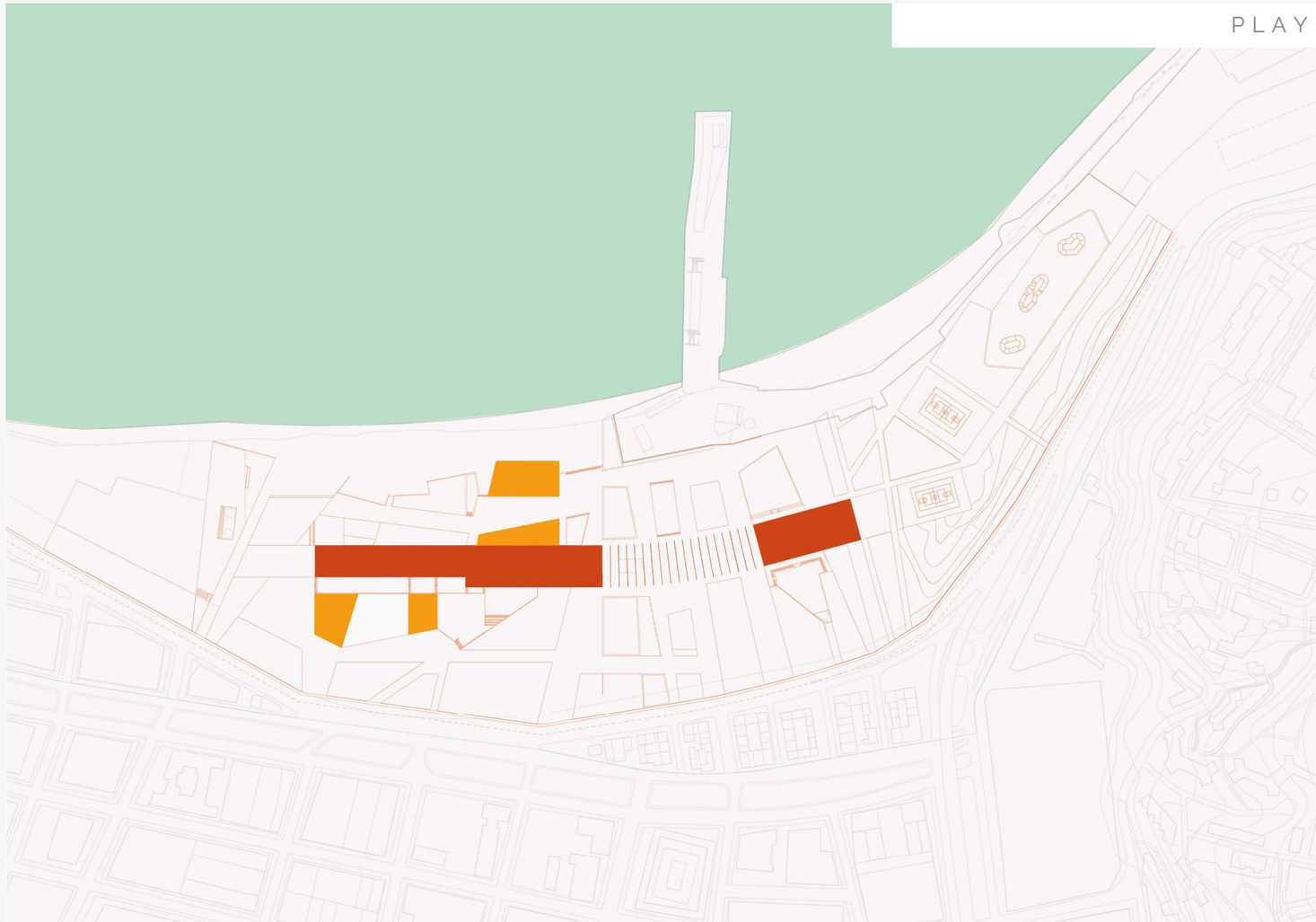
LANDSCAPE STRATEGY

WATER FEATURE

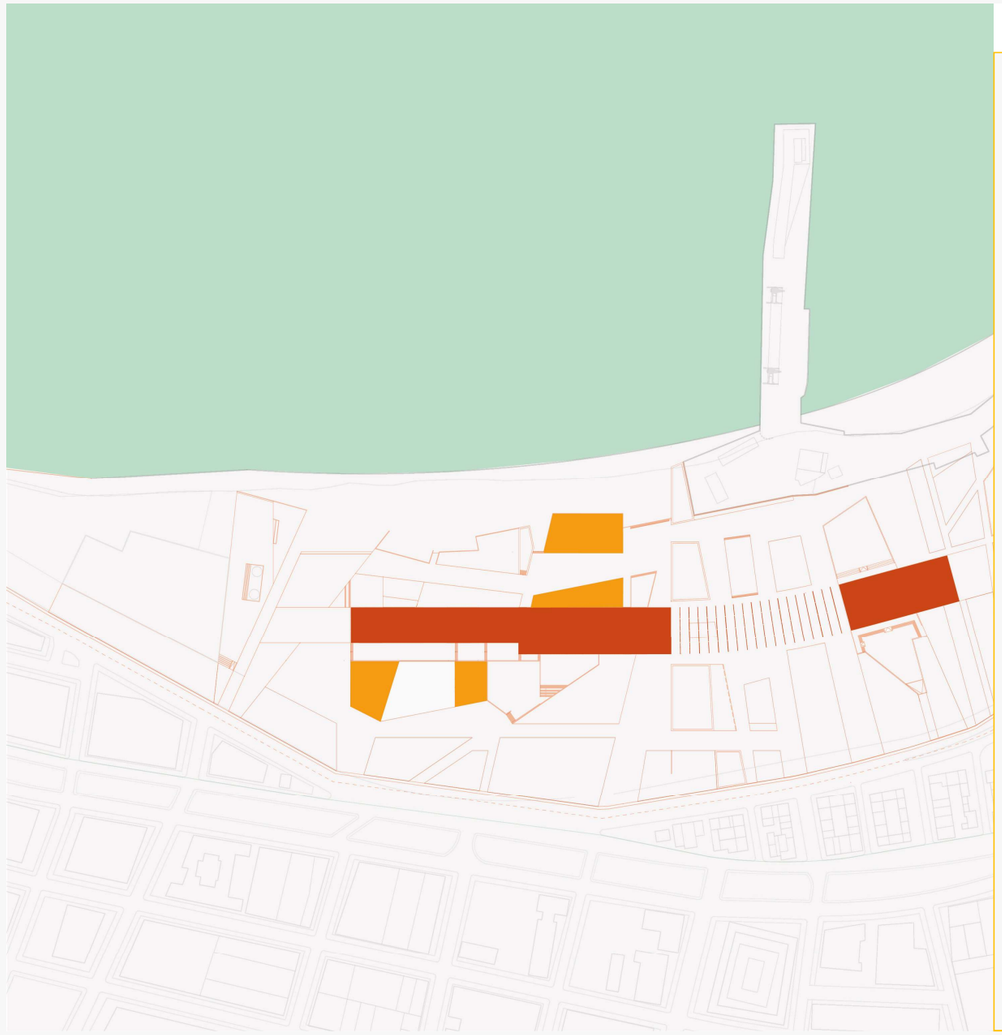


LANDSCAPE STRATEGY

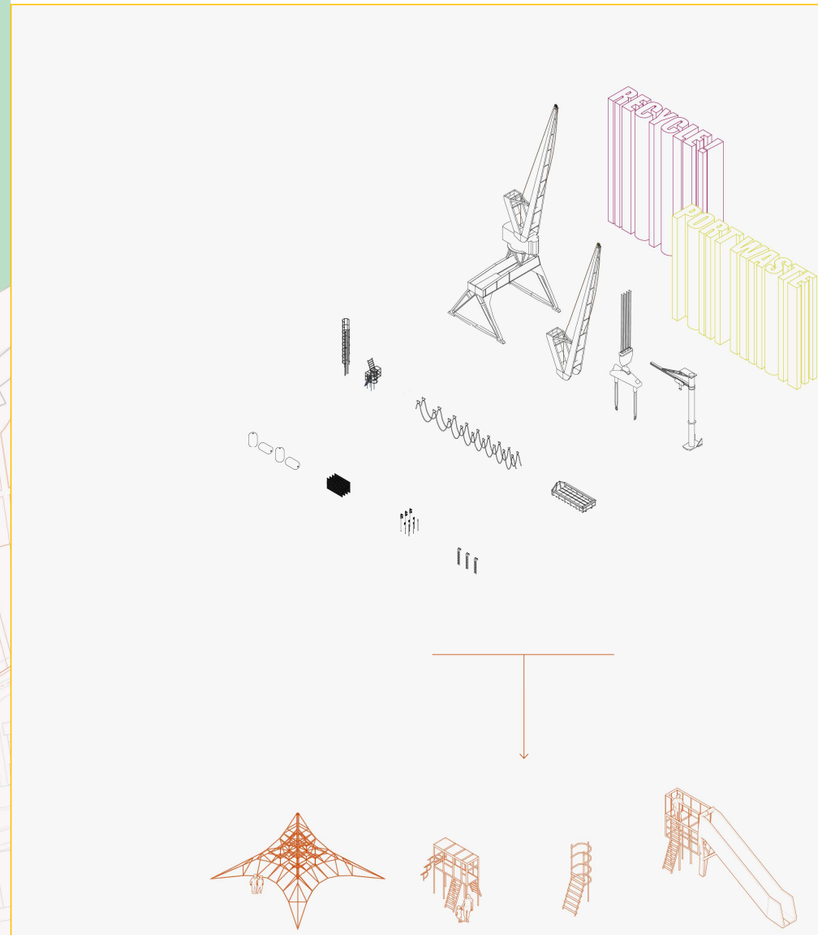
PLAYGROUNDS



LANDSCAPE STRATEGY

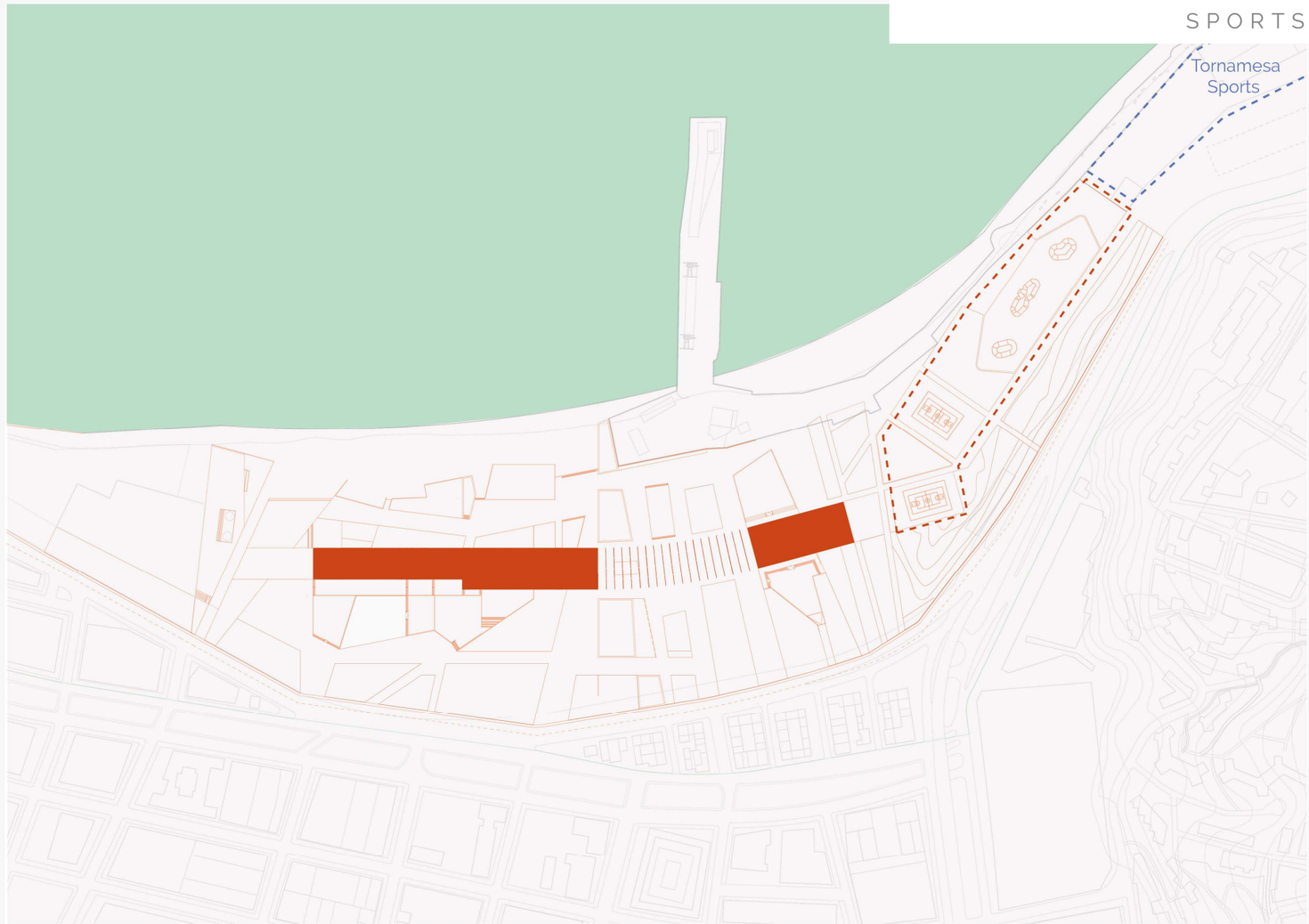


PLAYGROUNDS



LANDSCAPE STRATEGY

SPORTS FACILITIES



LANDSCAPE STRATEGY

ON LISTENING & SOUND



‘Sight isolates, whereas sound incorporates; vision is directional, whereas sound is omni-directional.’

(Pallasmaa, J., 2014)

‘Sound unfolds as a dynamic relation between an inside and an outside.’

(Avidar P., Ganchrow R., & Kursell J., 2014)

THE PUBLIC LANDSCAPE

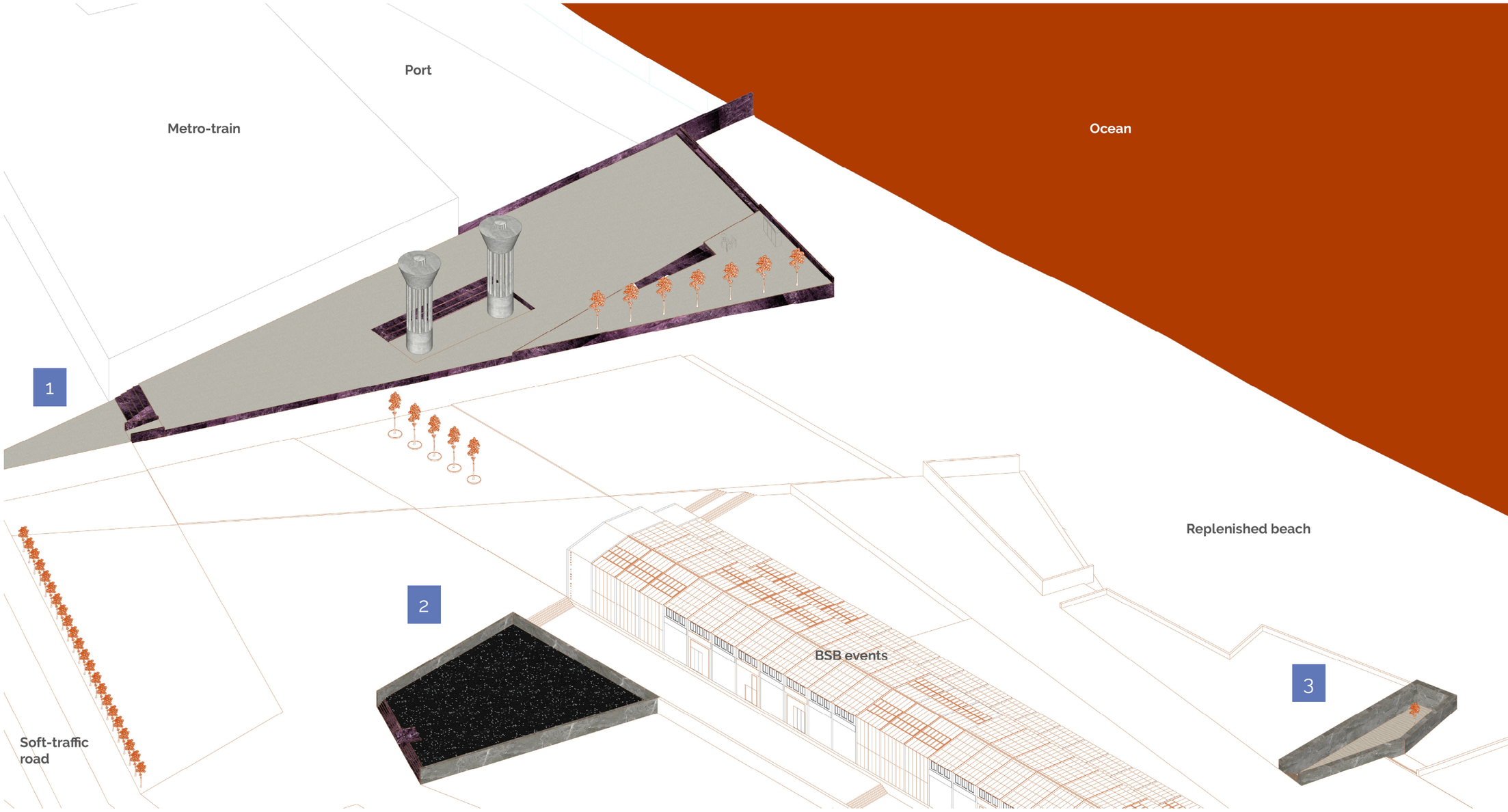
Landscape materials



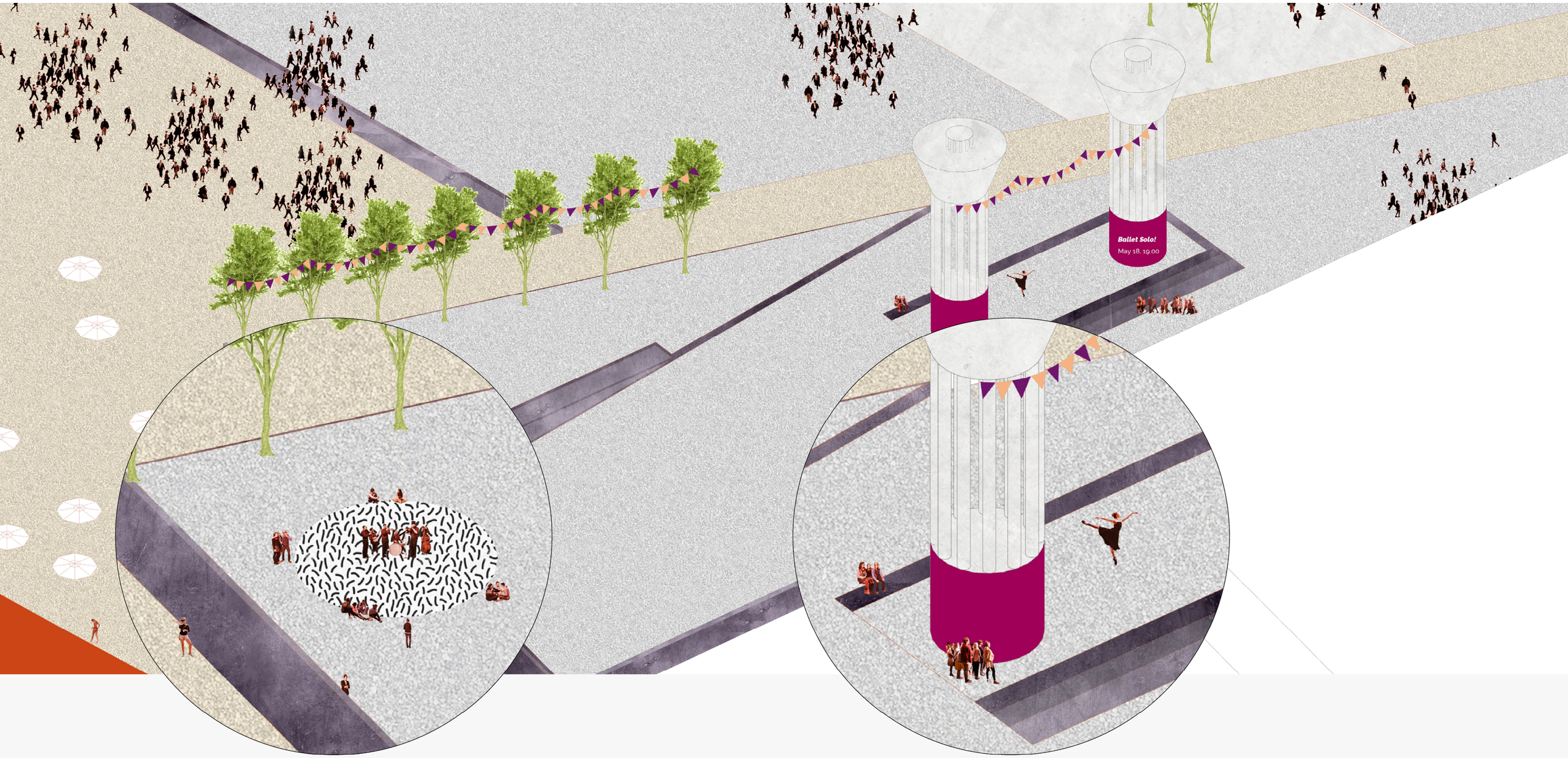


LANDSCAPE MOMENTS & AURAL ATTRIBUTES

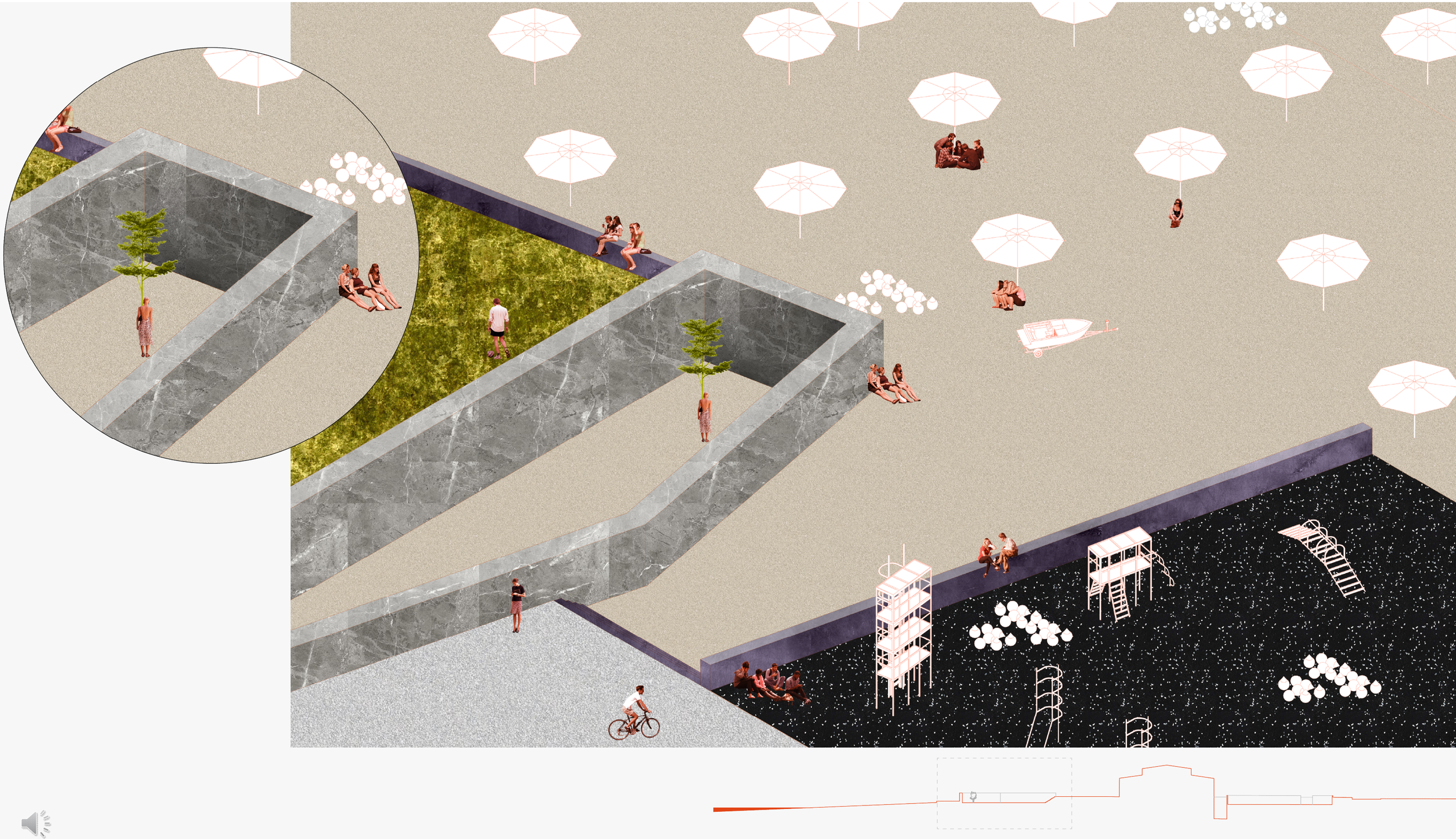




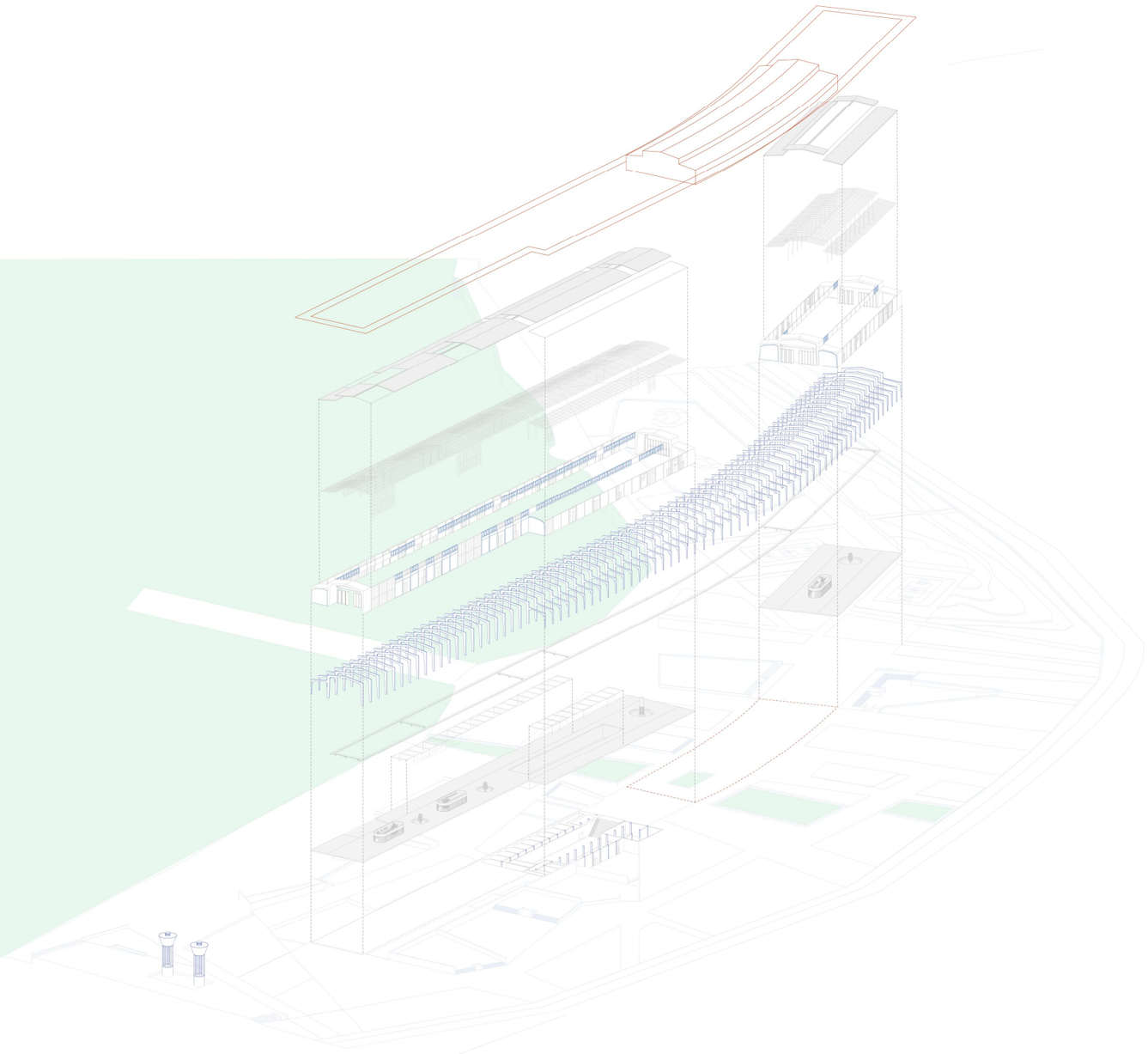
LANDSCAPE MOMENTS & AURAL ATTRIBUTES


Ballet Solo!
May 18. 19.00

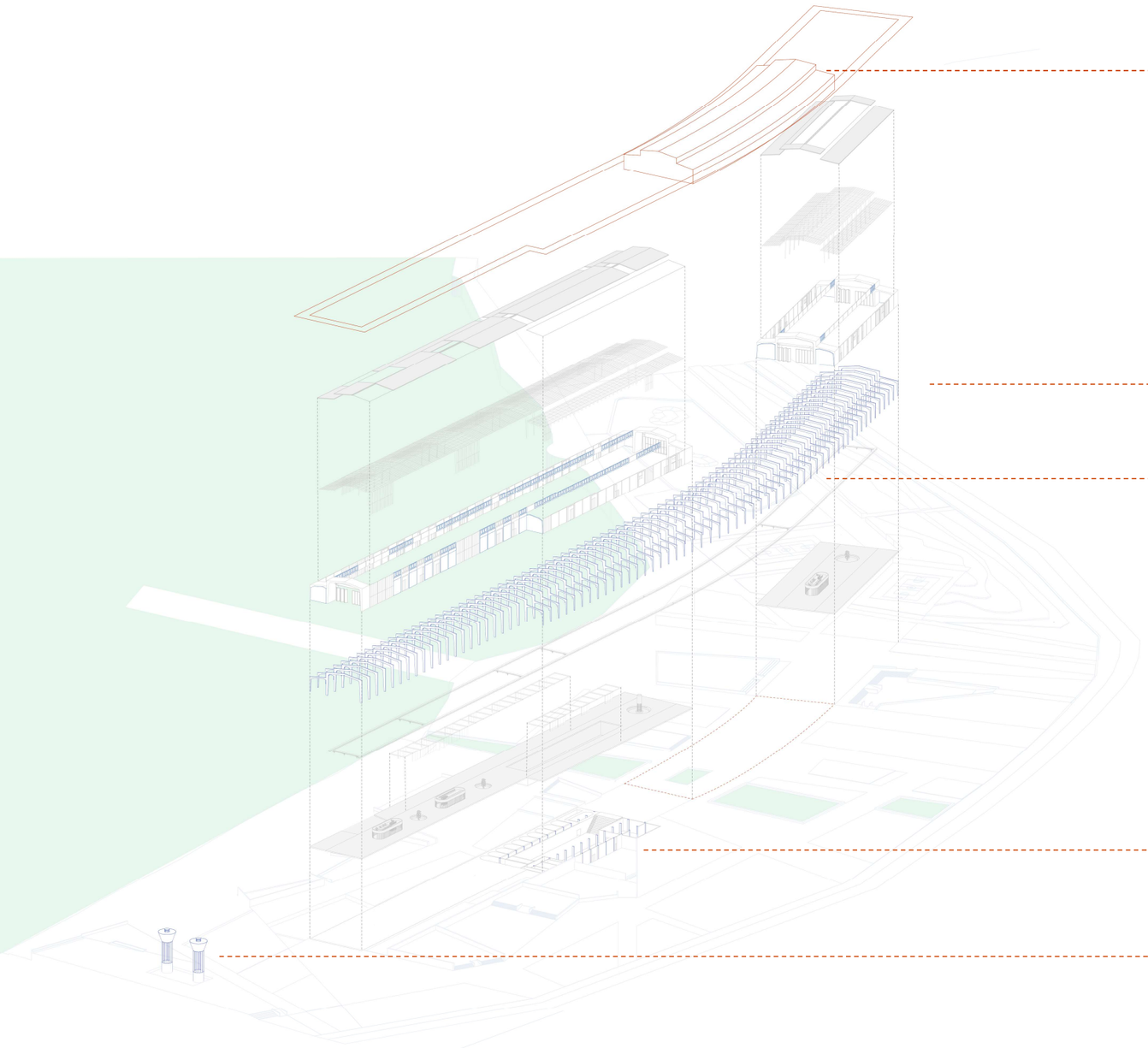

Bodega Simon Bolivar



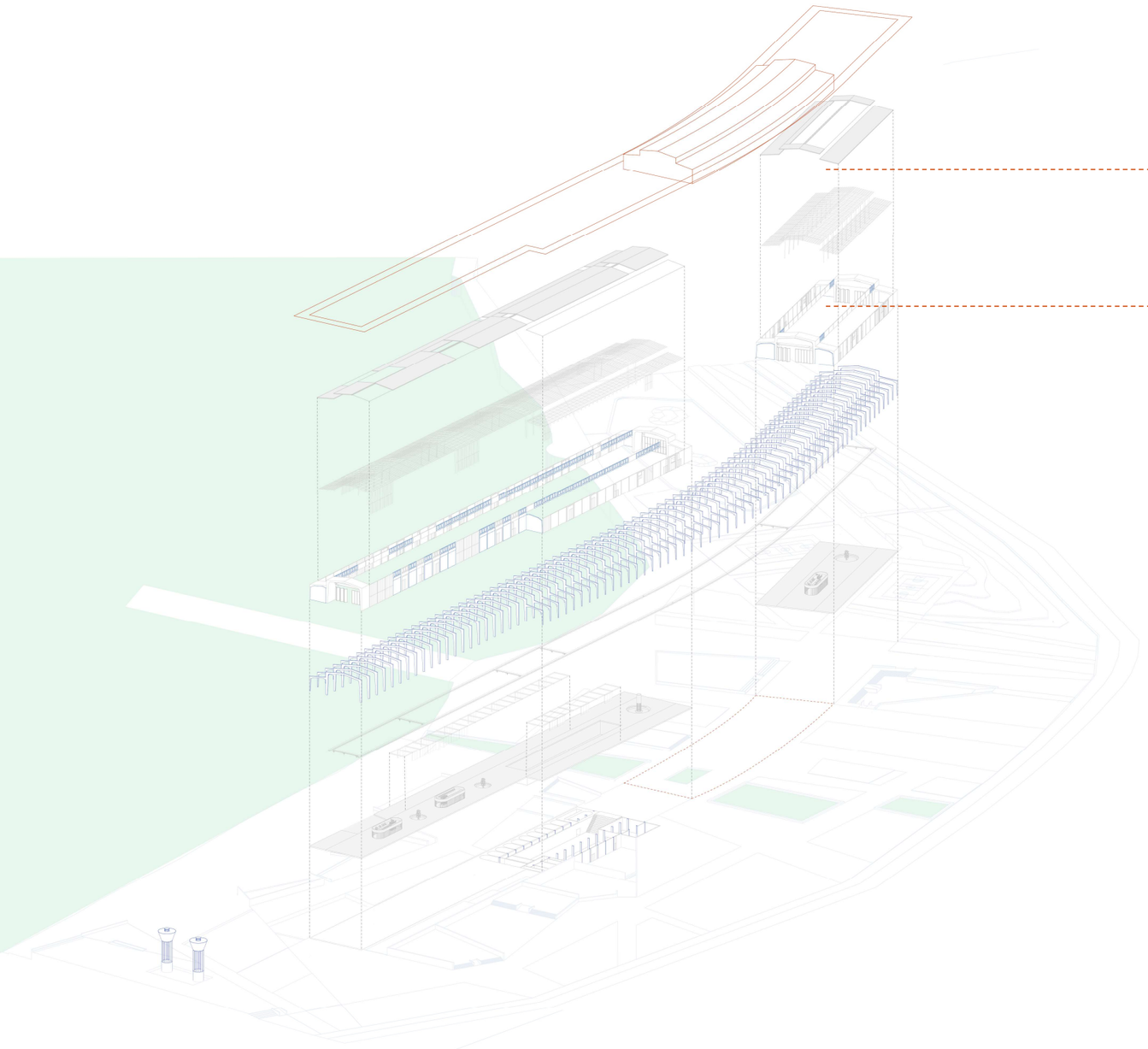
WAREHOUSE REPURPOSING



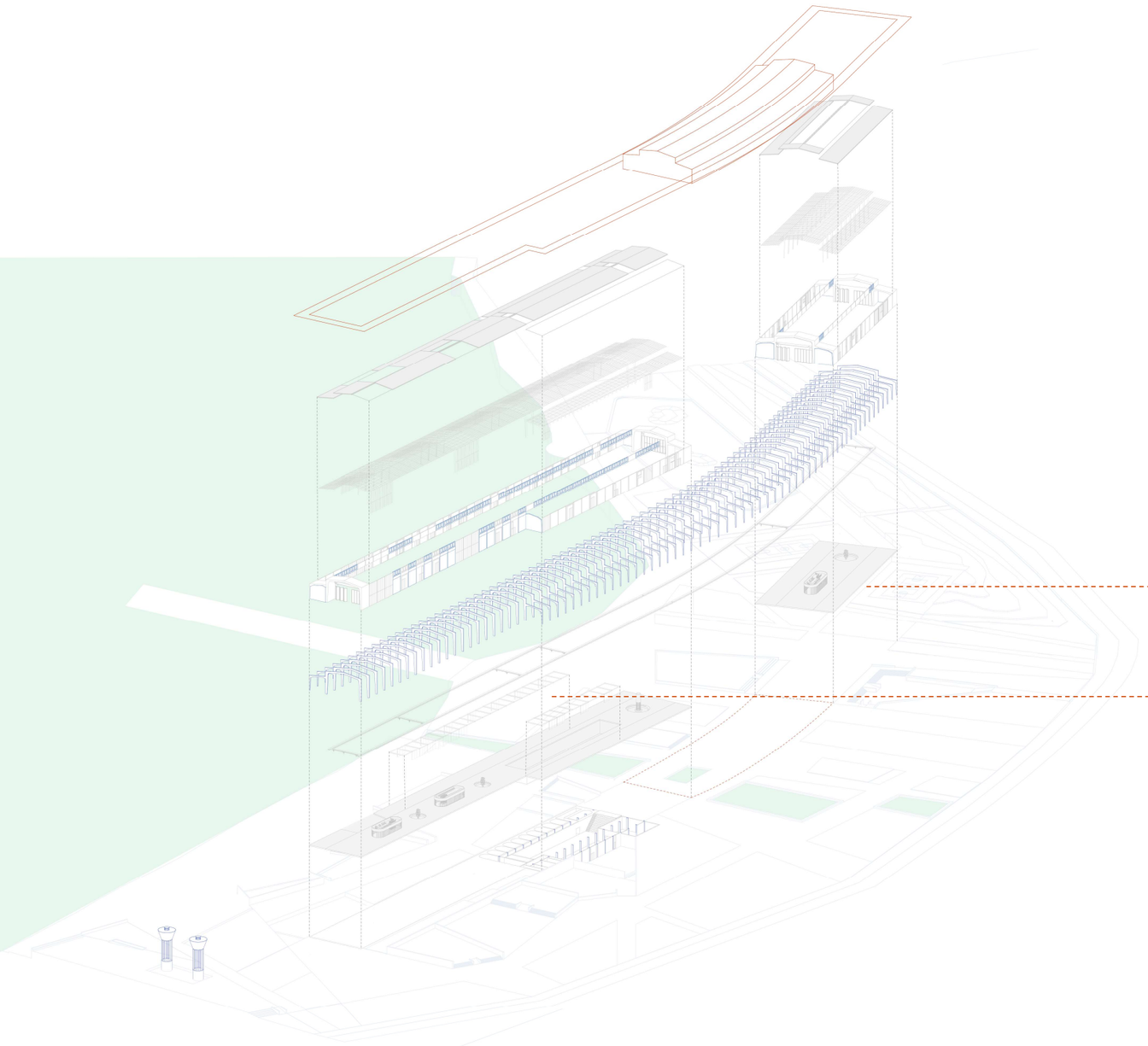
MAIN INTERVENTION COMPONENTS



MAIN INTERVENTION COMPONENTS



MAIN INTERVENTION COMPONENTS



FIXED INTERVENTIONS

FLEXIBLE WALL SYSTEM

MAIN INTERVENTION COMPONENTS

SUSTAINABLE MANAGEMENT

BSB VALPARAISO

MARKET

CRAFTS

FOOD

On weekends the entrance doors are kept wide open! Local crafts and food stalls are invited to sell their goods within the main halls of BSB as well as at the periphery of the buildings. Sellers can register online for a day slot and will be then offered a place on a first-come, first-served basis.

ON WEEKENDS!

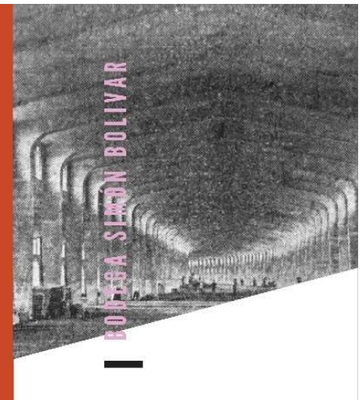
DIALOGUE | EXCHANGE | RECREATION

YOUR EVENT AT BSB

For communities, organizations, and individuals interested in booking space for collective or public activities please contact us directly at:

P: +56 234 567 890
E: bsbvalpo@website.com
A: Av. Errazuriz, Muelle Baron
Valparaiso, Chile

www.bsbvalpo.com



BSB Valpo is the new meeting point on the coastline: set inside and around Bodega Simón Bolivar, a 500m long industrial warehouse of heritage value. The former coal store of Valparaiso – later repurposed as a passengers' terminal – is now home to a range of exciting public and collective initiatives, as well as a space for repose, dialogue and knowledge exchange between citizens. By day, the building is open to all and can be adapted for a range of spatial configurations. By night, live performances, larger expos, and cultural events by local groups unfold.

WHO WE ARE



COLLECTIVE VOLUNTEERING

CO-CREATE EVENTS!

Each month, BSB is preparing for a new large-scale event! Citizens and students are warmly invited to collaborate with the organizations involved to make their vision possible. Tasks may vary from procuring stage props in the in-house wood workshop, or designing promotional material and decoration, to helping out visitors with way-finding during the event.

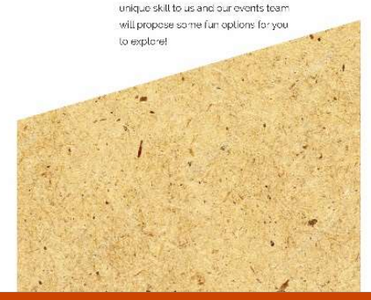
Remember you can always bring your unique skill to us and our events team will propose some fun options for you to explore!

By day, BSB is open and free for all citizens and visitors to drop in and use the premises to meet, work/study, rest or talk over coffee.

- Cafe and lounge: chat and relax
- Main hall: a series of collective seating configurations allow visitors to appreciate the generous space beside others.
- Side isles: adjustable wall panels allow users to change the open plan arrangement for more privacy and sound isolation.

DAY TIME

ON WEEKDAYS!





EVENING

At sunset, BSB presents the city with small performances, music gigs, lectures, workshops or film screenings which are organized by local, creative initiatives or student groups.

- Free workshops and lectures are organized by community organizations who wish to share their know-how on their area of expertise
- On evenings which happen to be event-free, film screenings will be taking place in the stage area.
- Cultural events are free for people under 25 and over 60, while we aim for normal ticket prices to remain affordable at all times.

ON WEEKDAYS!

SUSTAINABLE MANAGEMENT





CO-LECTIVE VOLUNTEERING

CO-CREATE EVENTS!

Each month, BSB is preparing for a new large-scale event! Citizens and students are warmly invited to collaborate with the organizations involved to make their vision possible. Tasks may vary from procuring stage props in the in-house wood workshop, or designing promotional material and decoration, to helping out visitors with way-finding during the event.

Remember you can always bring your unique skill to us and our events team will propose some fun options for you to explore!



DAY TIME

ON WEEKDAYS!

By day, BSB is open and free for all citizens and visitors to drop in and use the premises to meet, work/study, rest or talk over coffee.

- Cafe and lounge: chat and relax.
- Main hall: a series of collective seating configurations allow visitors to appreciate the generous space beside others.
- Side isles: adjustable wall panels allow users to change the open plan arrangement for more privacy and sound isolation.

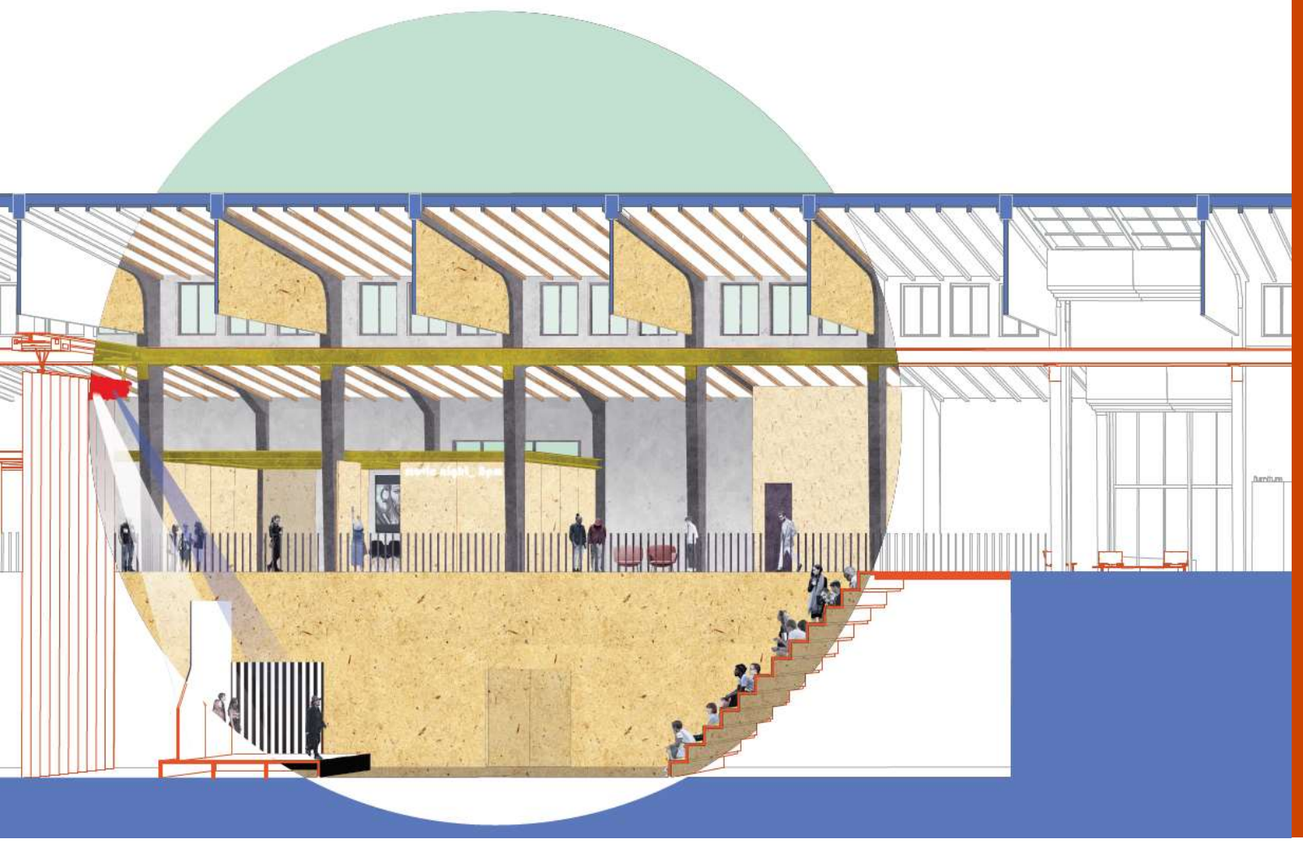


EVENING

At sunset, BSB presents the city with small performances, music gigs, lectures, workshops or film screenings which are organized by local, creative initiatives or student groups.

- Free workshops and lectures are organized by community organizations who wish to share their know-how on their area of expertise.
- On evenings which happen to be event-free, film screenings will be taking place in the stage area.
- Cultural events are free for people under 25 and over 60, while we aim for normal ticket prices to remain affordable at all times.

ON WEEKDAYS!





COLLECTIVE VOLUNTEERING

CO-CREATE EVENTS!

Each month, BSB is preparing for a new large scale event! Citizens and students are warmly invited to collaborate with the organizations involved to make their vision possible. Tasks may vary from procuring stage props in the in-house wood workshop, or designing promotional materia, and decoration to helping out visitors with way-finding during the event.

Remember you can always bring your unique skill to us and our events team will propose some fun options for you to explore!



DAY TIME

ON WEEKDAYS!

By day, BSB is open and free for all citizens and visitors to drop in and use the premises to meet, work/study, rest or talk over coffee.

- Cafe and lounge: chat and relax
- Main hall: a series of collective seating configurations allow visitors to appreciate the generous space beside others.
- Side isles: adjustable wall panels allow users to change the open plan arrangement for more privacy and sound isolation.

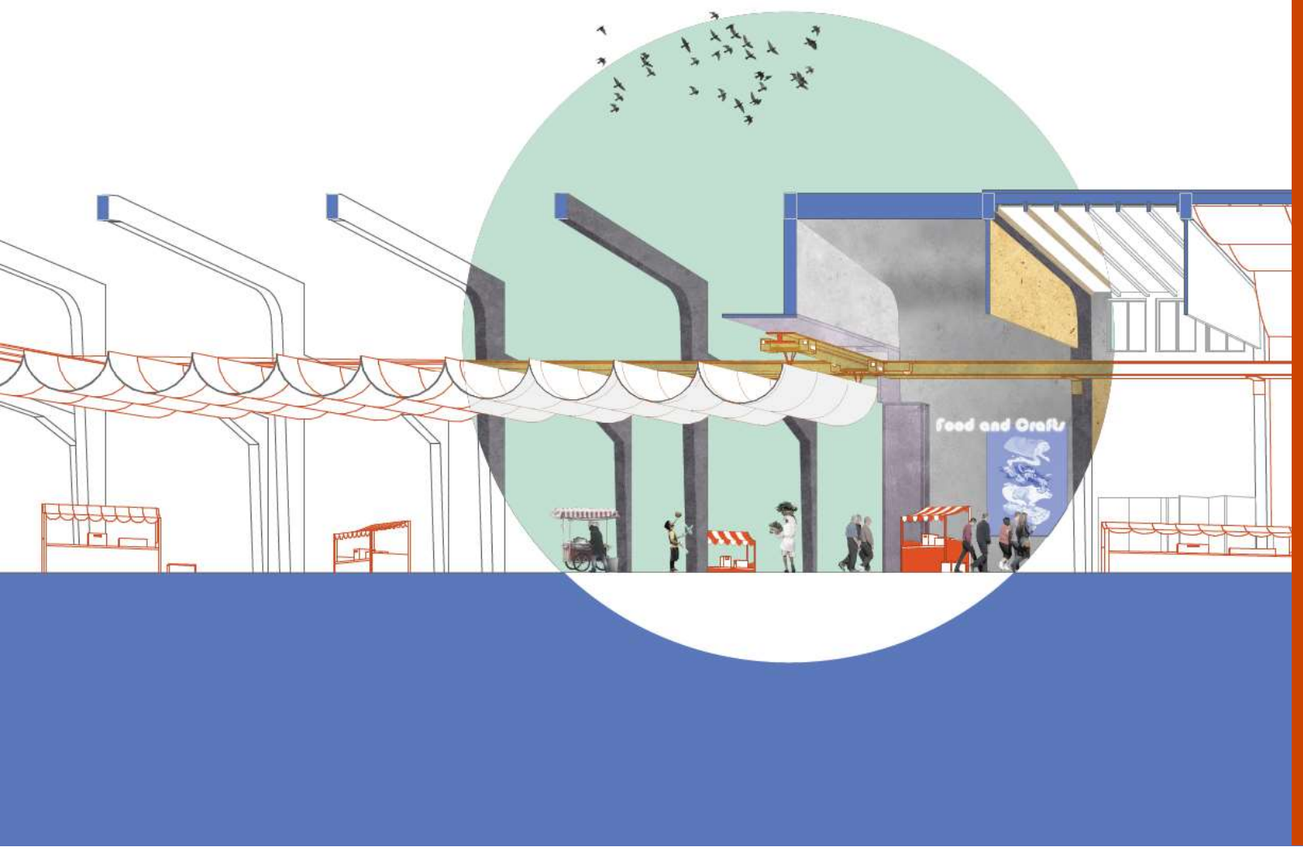


EVENING

At sunset, BSB presents the city with small performances, music gigs, lectures, workshops or film screenings which are organized by local, creative initiatives or student groups.

- Free workshops and lectures are organized by community organizations who wish to share their know-how on their area of expertise
- On evenings which happen to be event-free, film screenings will be taking place in the stage area.
- Cultural events are free for people under 25 and over 60, while we aim for normal ticket prices to remain affordable at all times.

ON WEEKDAYS!



BSB VALPARAISO

MARKET

CRAFTS

FOOD

On weekends the entrance doors are kept wide open! Local crafts and food stalls are invited to sell their goods within the main halls of BSB as well as at the periphery of the buildings. Sellers can register online for a day slot and will be then offered a place on a first-come, first-served basis.

ON WEEKENDS!

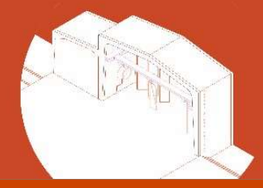
DIALOGUE | EXCHANGE | RECREATION

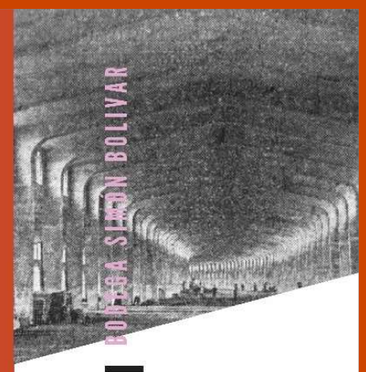
YOUR EVENT AT BSB

For communities, organizations, and individuals interested in booking space for collective or public activities please contact us directly at:

P: +56 234 567 890
E: bsbvalpo@website.com
A: Av. Errazuriz, Muelle Baron
Valparaiso, Chile

www.bsbvalpo.com





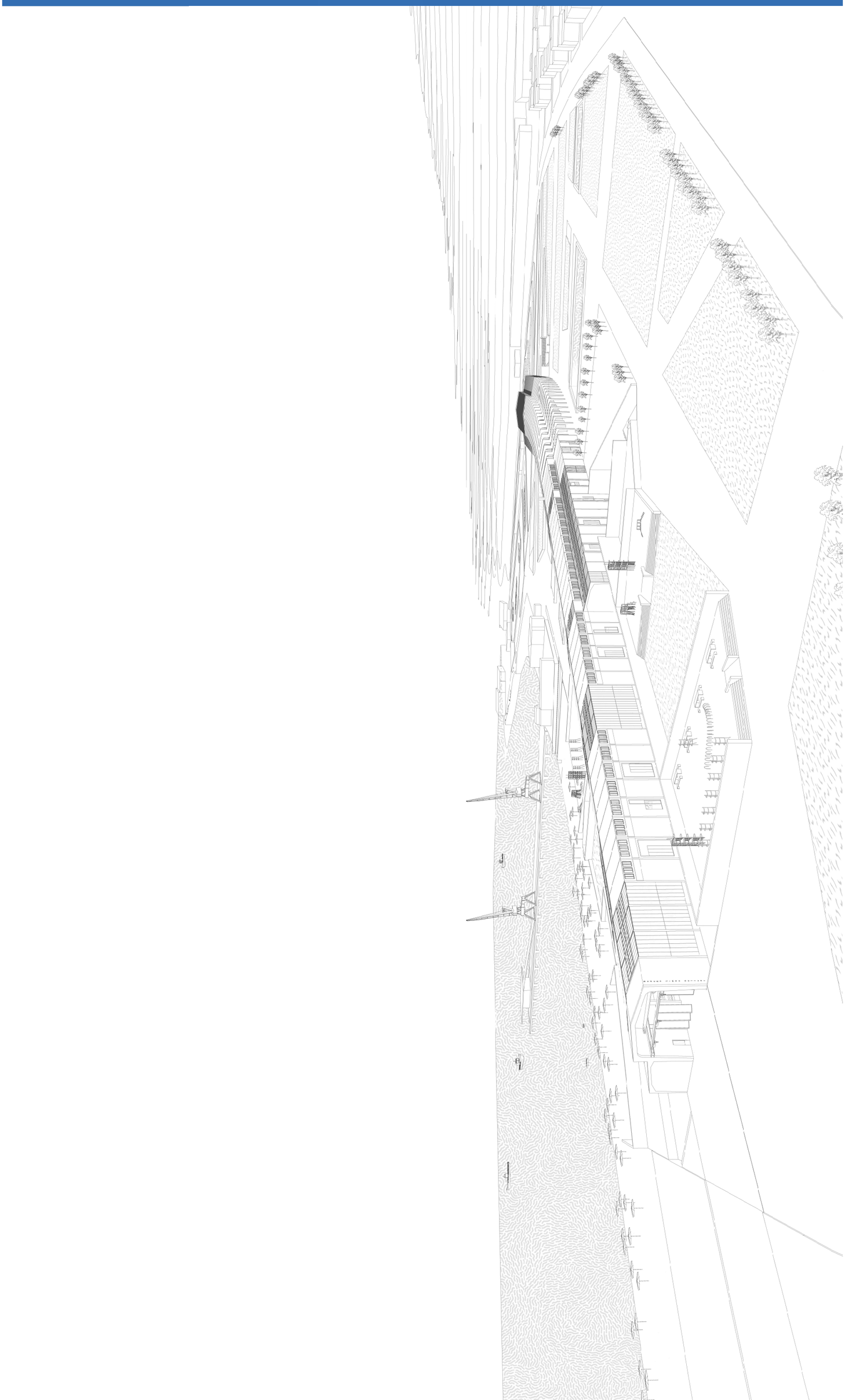
BSB Valpo is the new meeting point on the coastline set inside and around Bodega Simón Bolivar, a 500m long industrial warehouse of heritage value. The former coal store of Valparaiso – later repurposed as a passengers' terminal – is now home to a range of exciting public and collective initiatives, as well as a space for repose, dialogue and knowledge exchange between citizens. By day, the building is open to all and can be adapted for a range of spatial configurations. By night, live performances, larger expos, and cultural events by local groups unfold.

WHO WE ARE

VALPO WORLD MUSIC FEST

MÚSICA DEL MUNDO

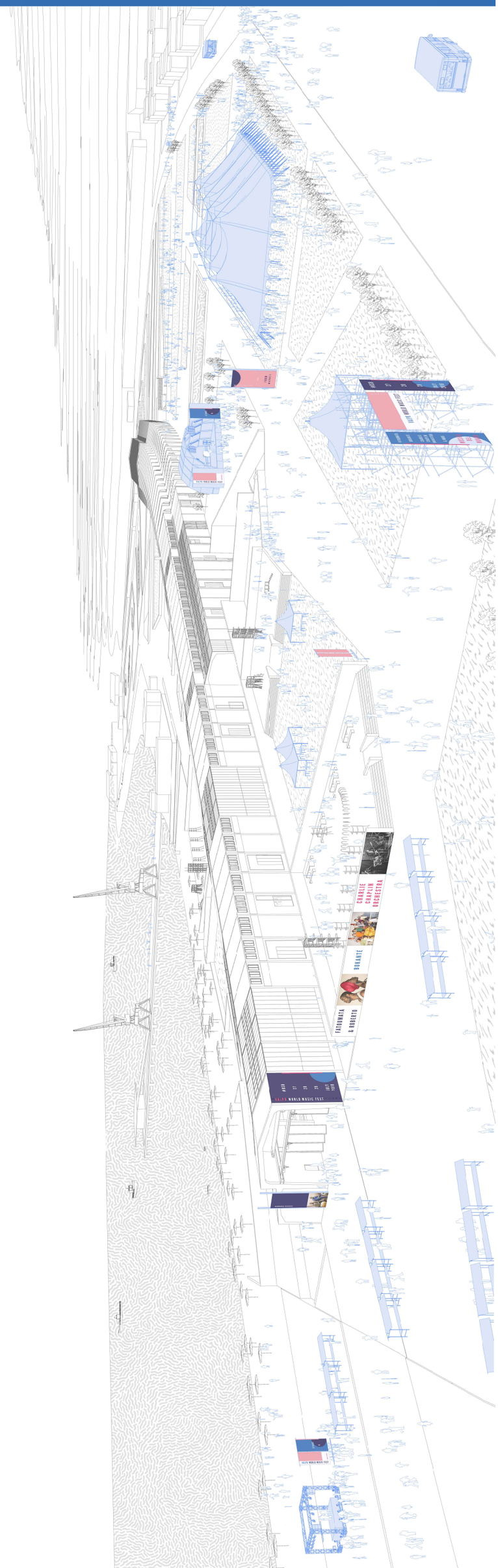
BSB VALPO



VALPO WORLD MUSIC FEST

MÚSICA DEL MUNDO

BSB VALPO

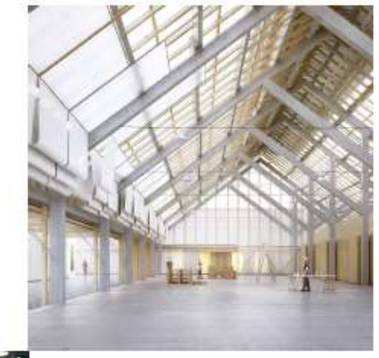


MATERIALITY IN USE











Offices Montreal, Atelier Barda
Minnesota street, Jensen Architects
SESC Pompaia, Lina Bo Bardi

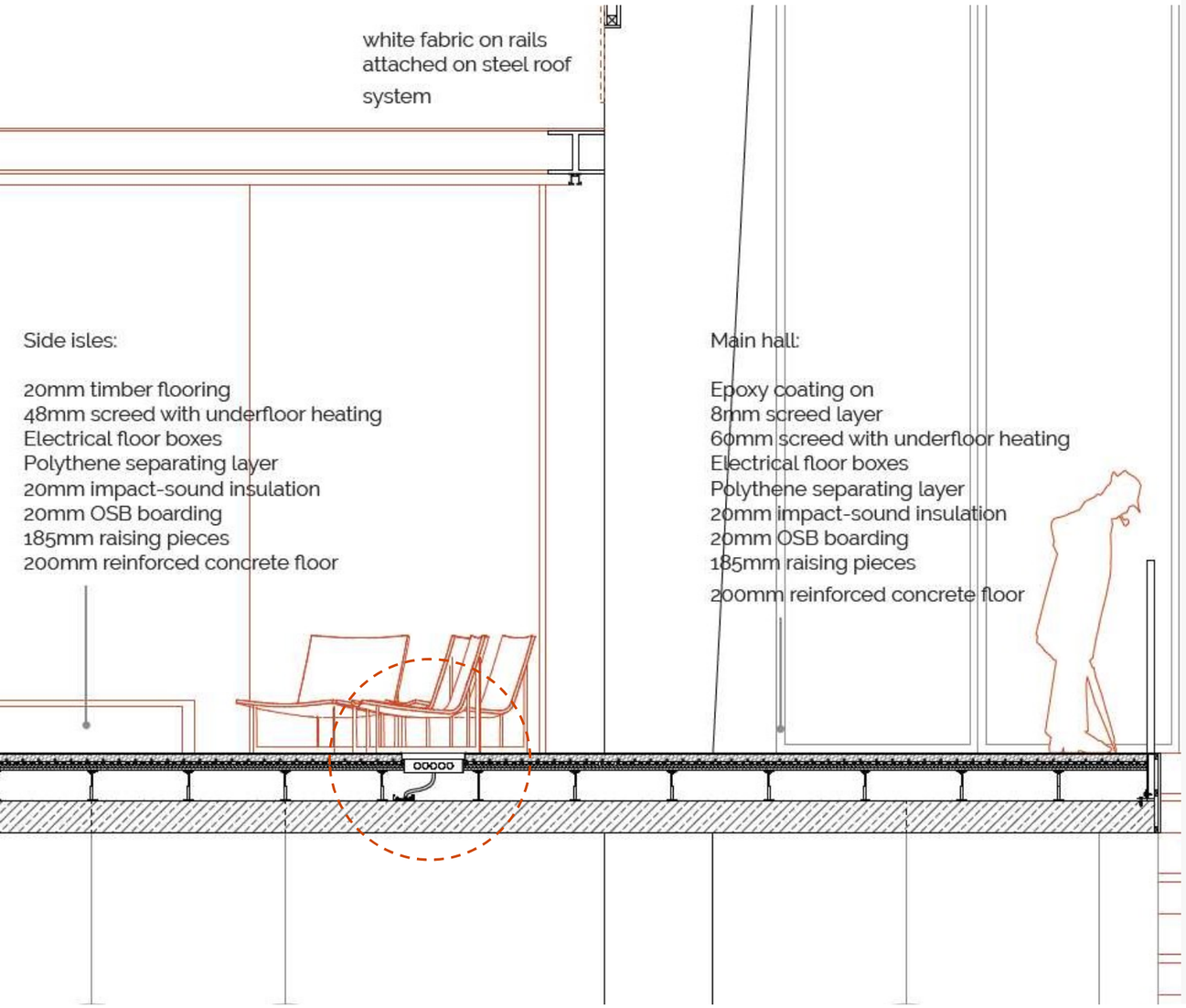
NDSM Warf, Amsterdam
Centro de Carreteras, Genthod, Ted'A arquitectes

MATERIALITY IN USE

Interior materials



Floor detail 1:33



Interior materials



Co-working platforms: for students and professionals



Setting up for TEdX Valpo: event team and volunteers



Allah-Las concert: drink reception around the fire

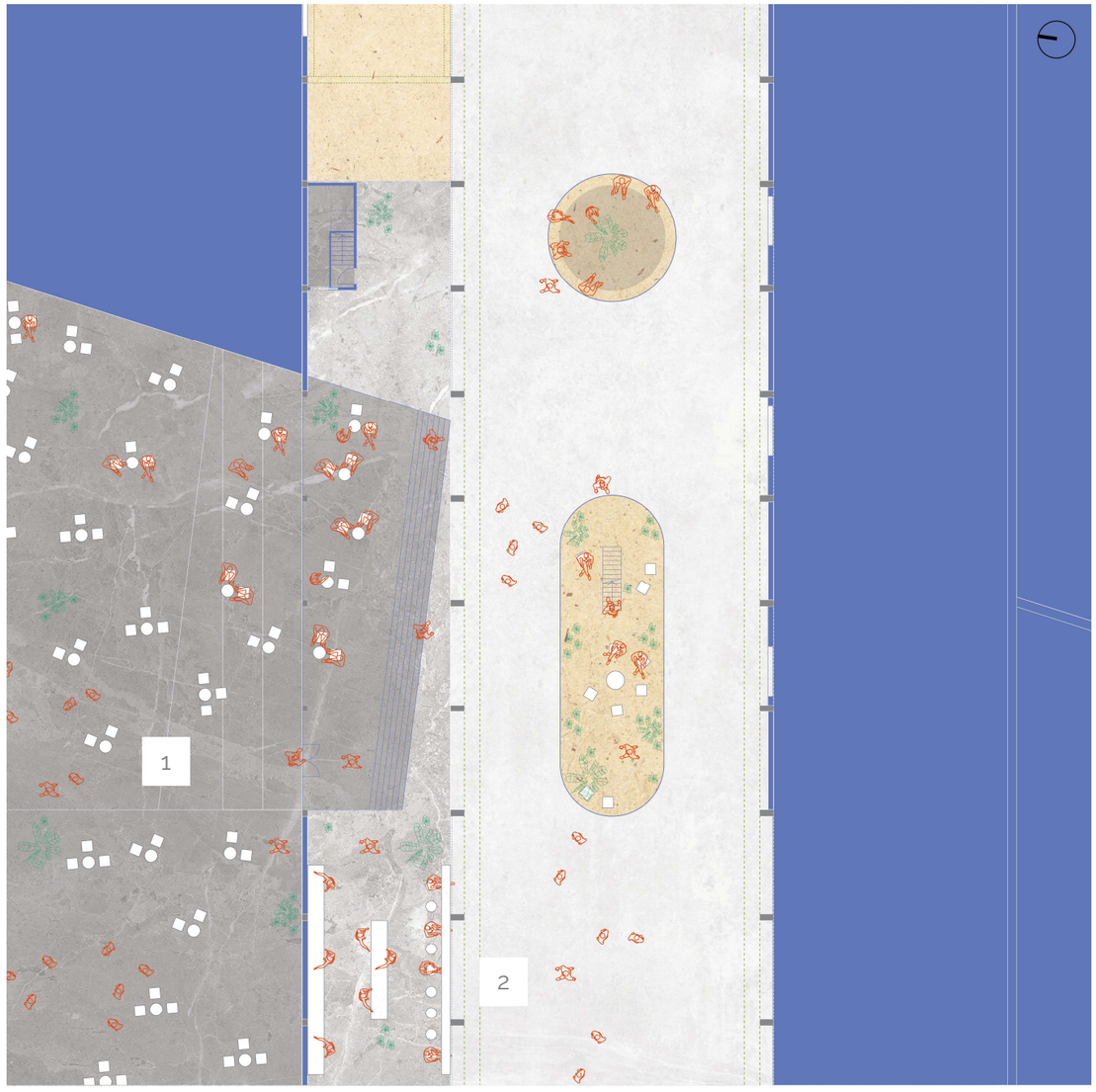


ADAPTABILITY & USER CONTROL

Scenario A1

1
Summer Café

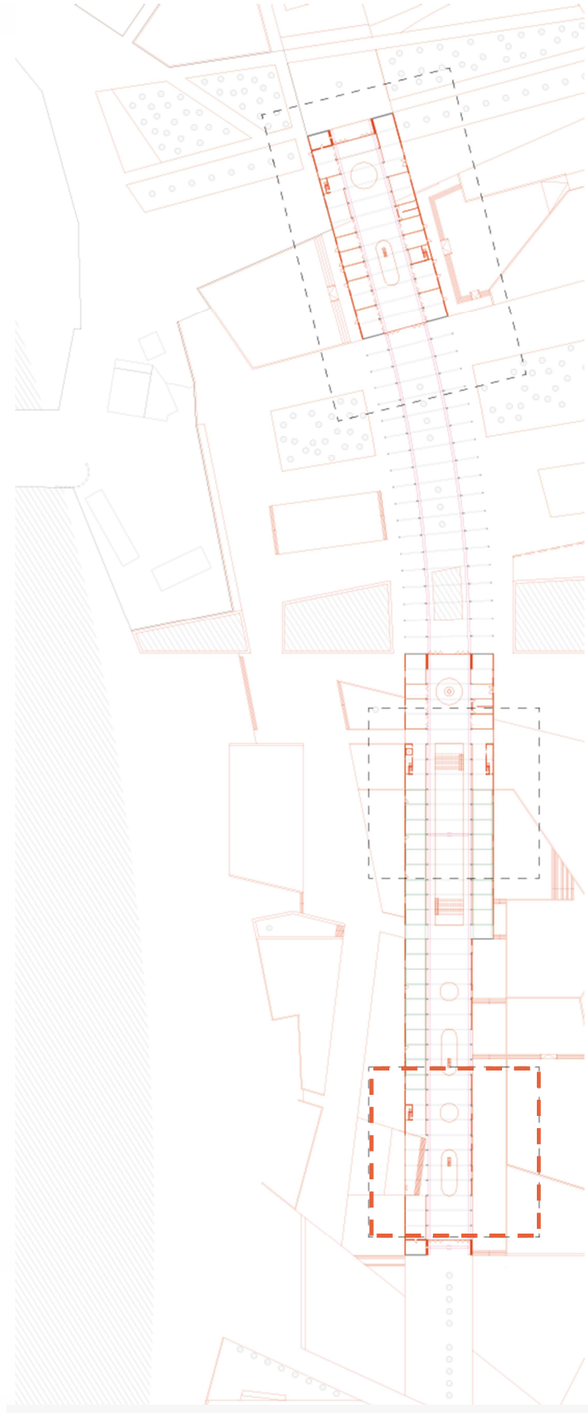
2
Collective cooking





ON WEEKDAYS!

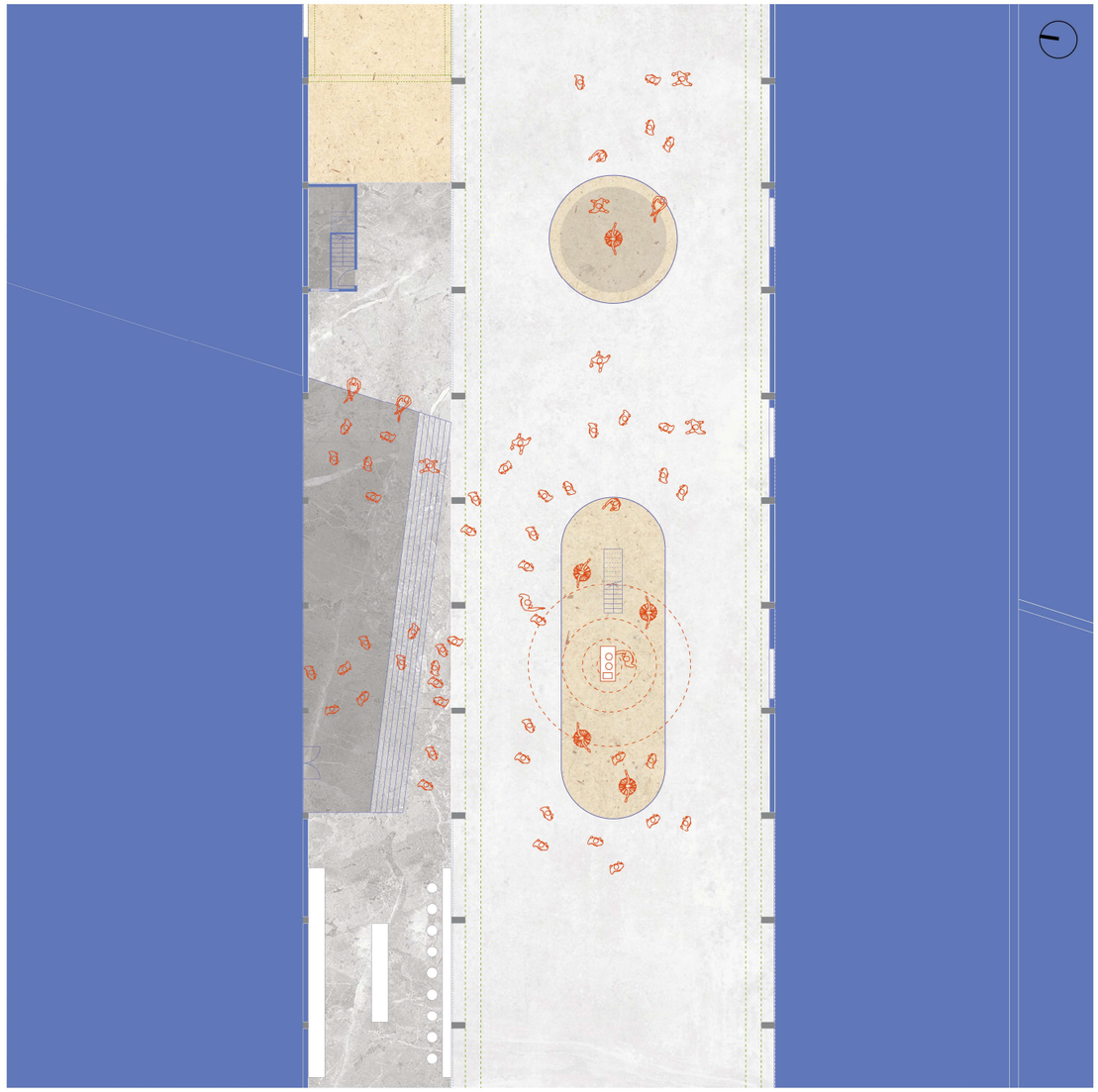
DAY TIME



Ground floor

Scenario A2

Techno Night





SPECIAL EVENT!

EVENING

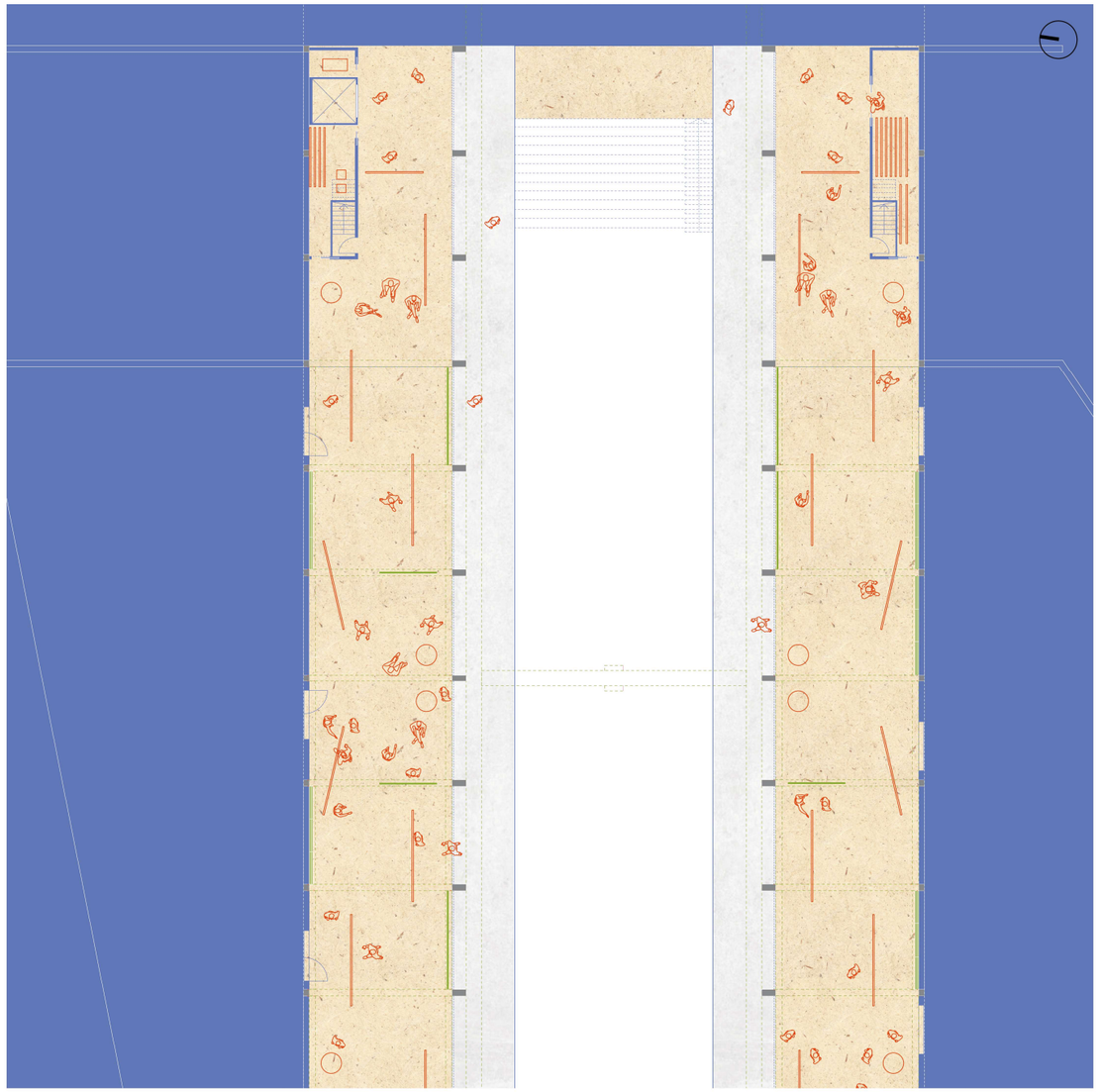


Ground floor

Scenario B1

Art Exhibition

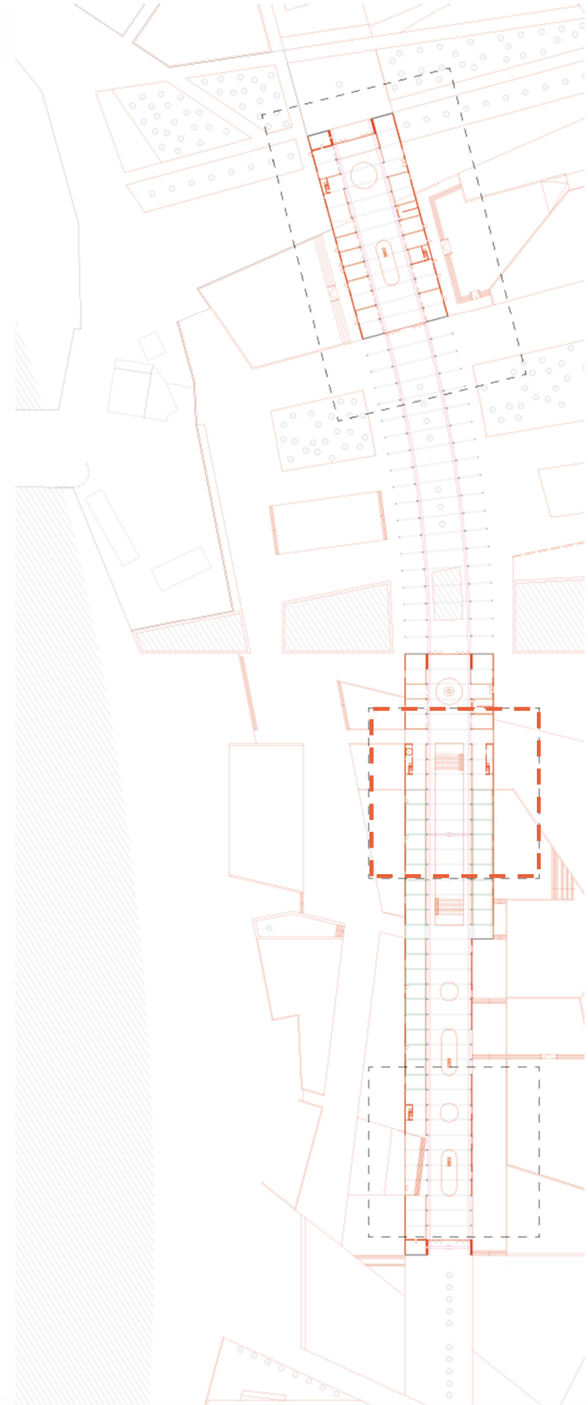
Open side isle configuration





ON WEEKDAYS!

EVENING



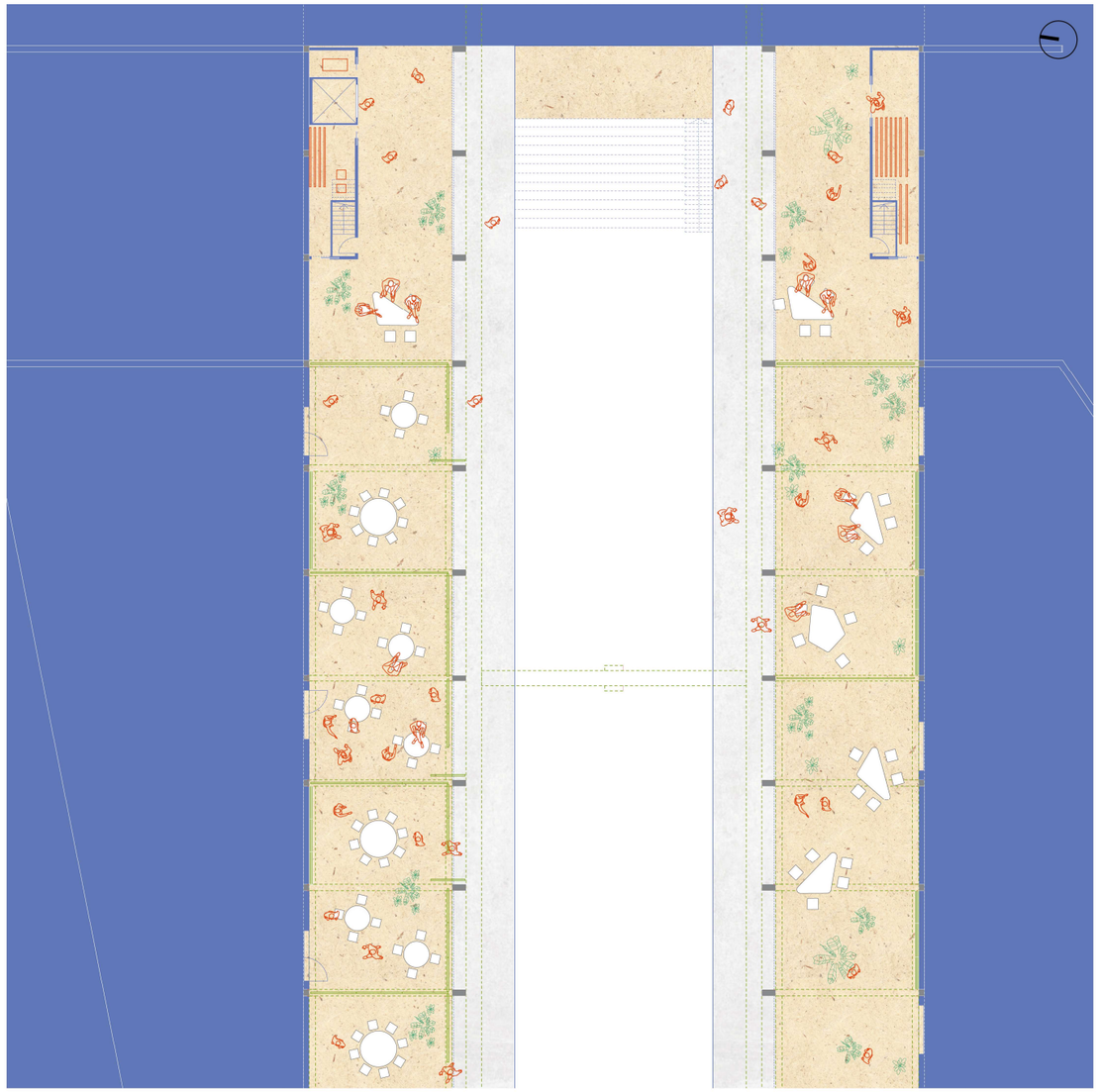
Ground floor

Scenario B2

Meeting rooms

Lounge

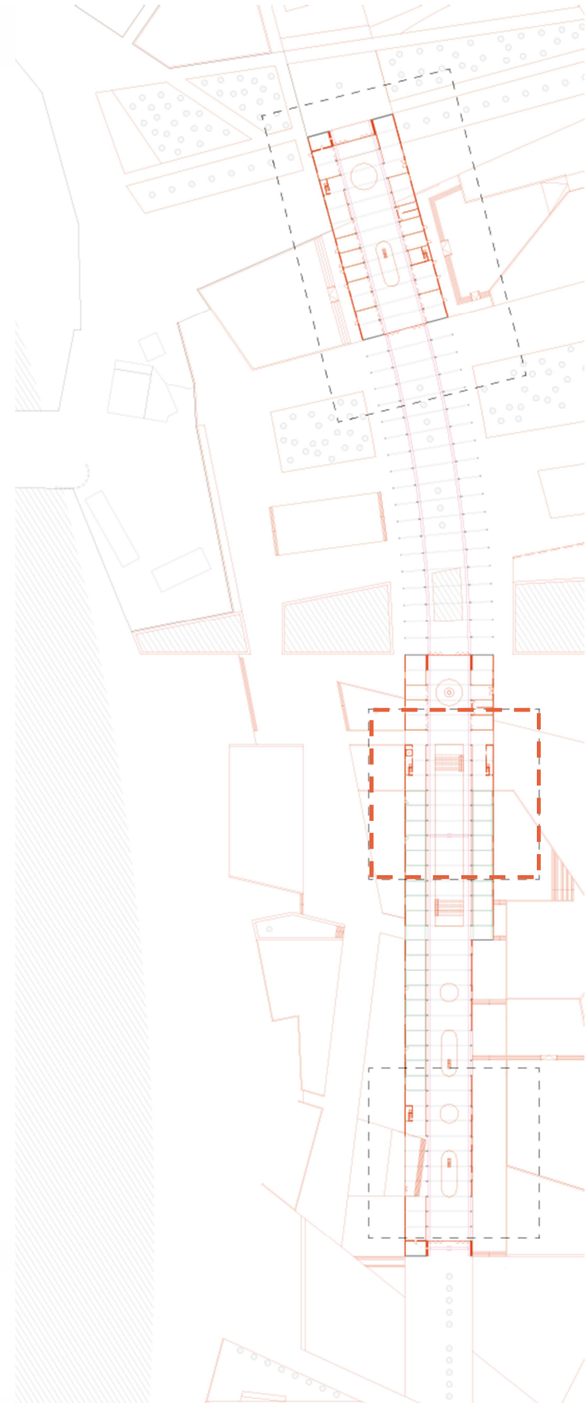
Flexible wall enclosures





ON WEEKDAYS!

DAY TIME



Ground floor

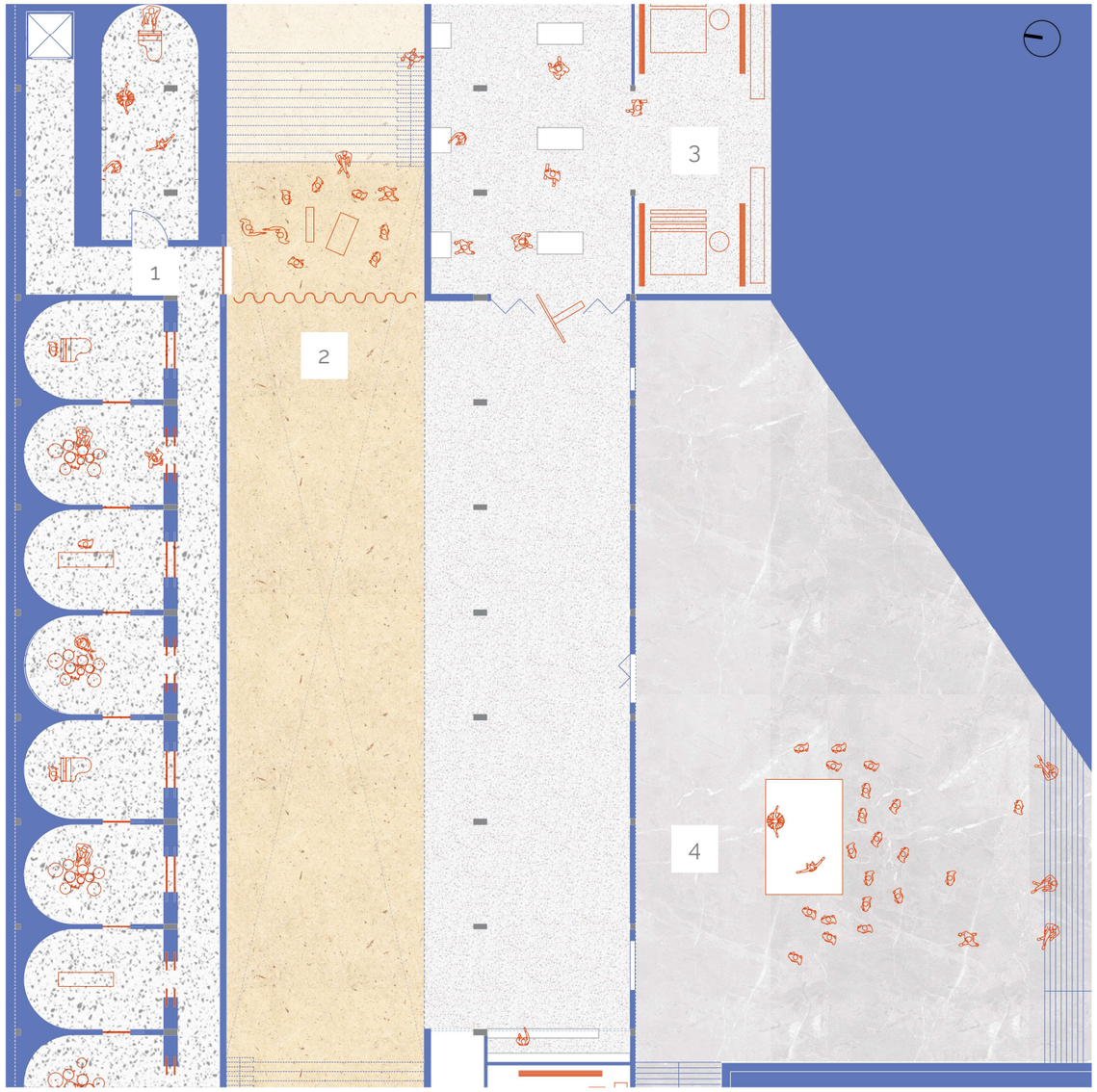
Scenario D1

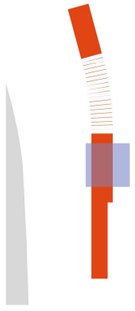
1
Rehearshal chambers

2
Volunteers planning for future event

3
Making stage props at the scene shop

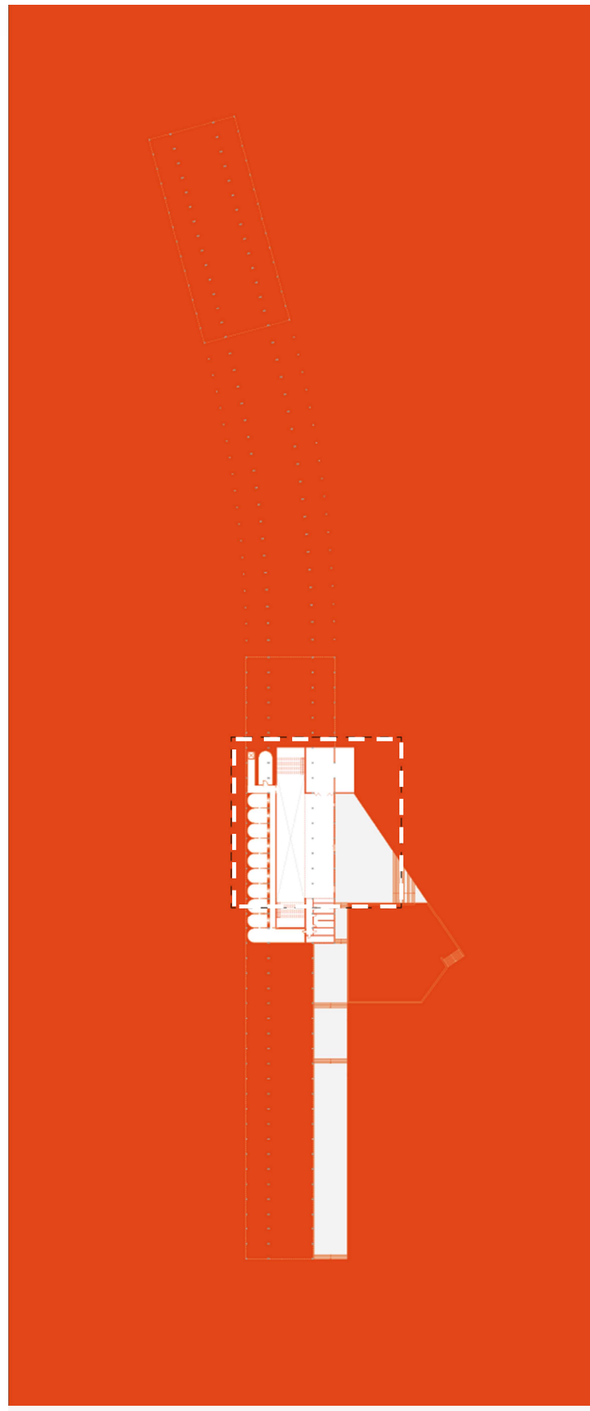
4
Outdoor performance





ON WEEKDAYS!

DAY TIME



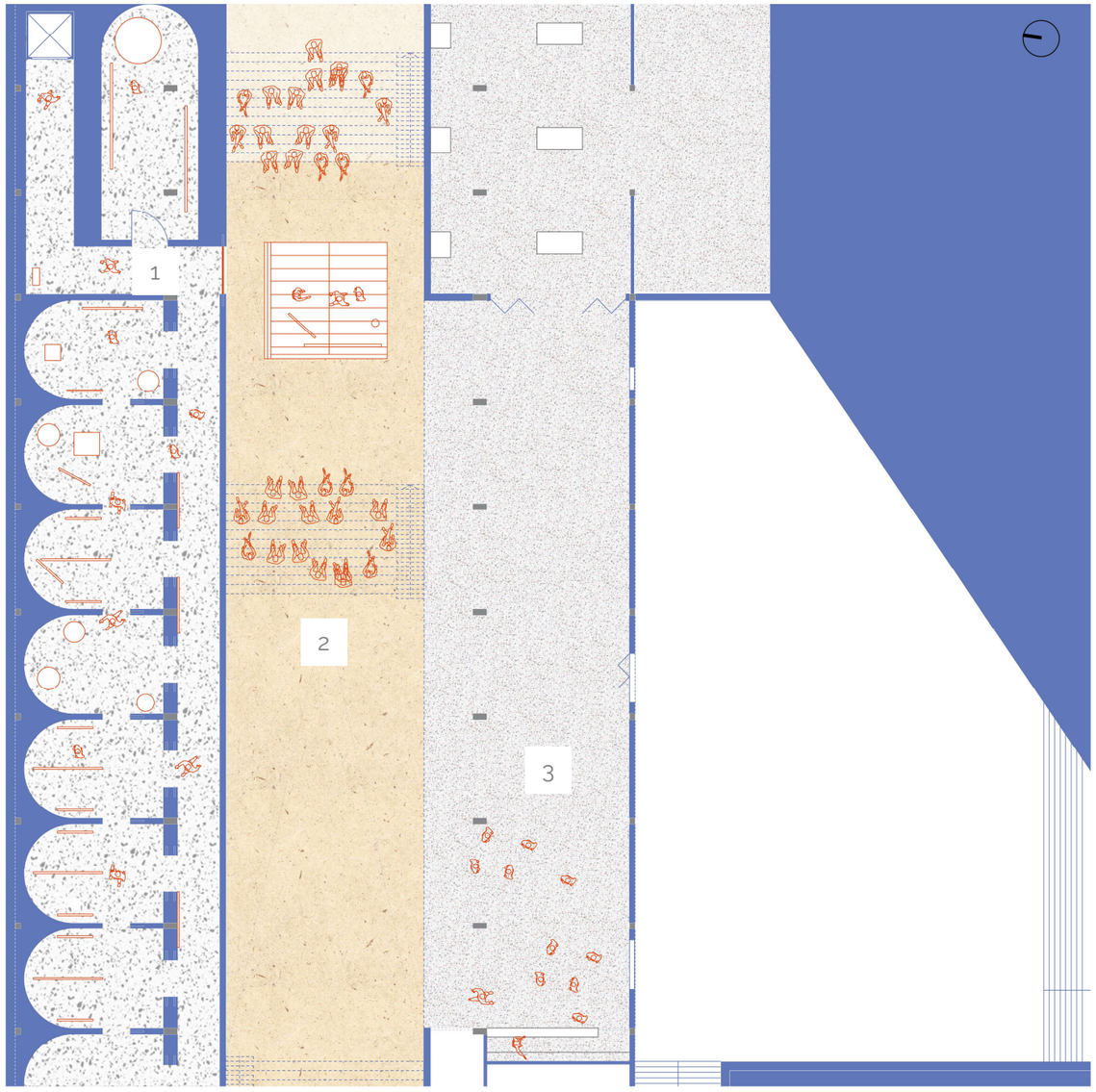
Lower ground

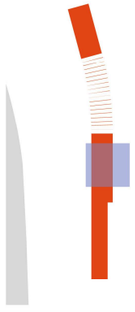
Scenario D2

1
Exhibition chambers

2
Indoor performance

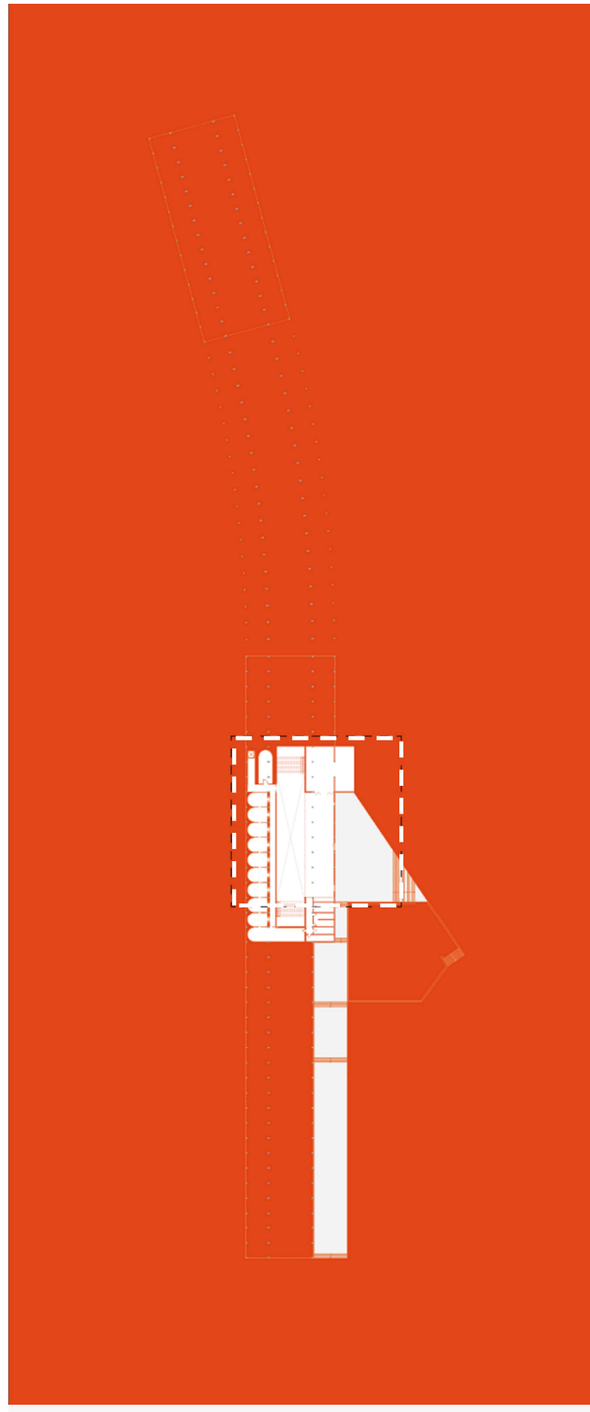
3
Drinks at the bar





ON WEEKDAYS!

EVENING



Lower ground

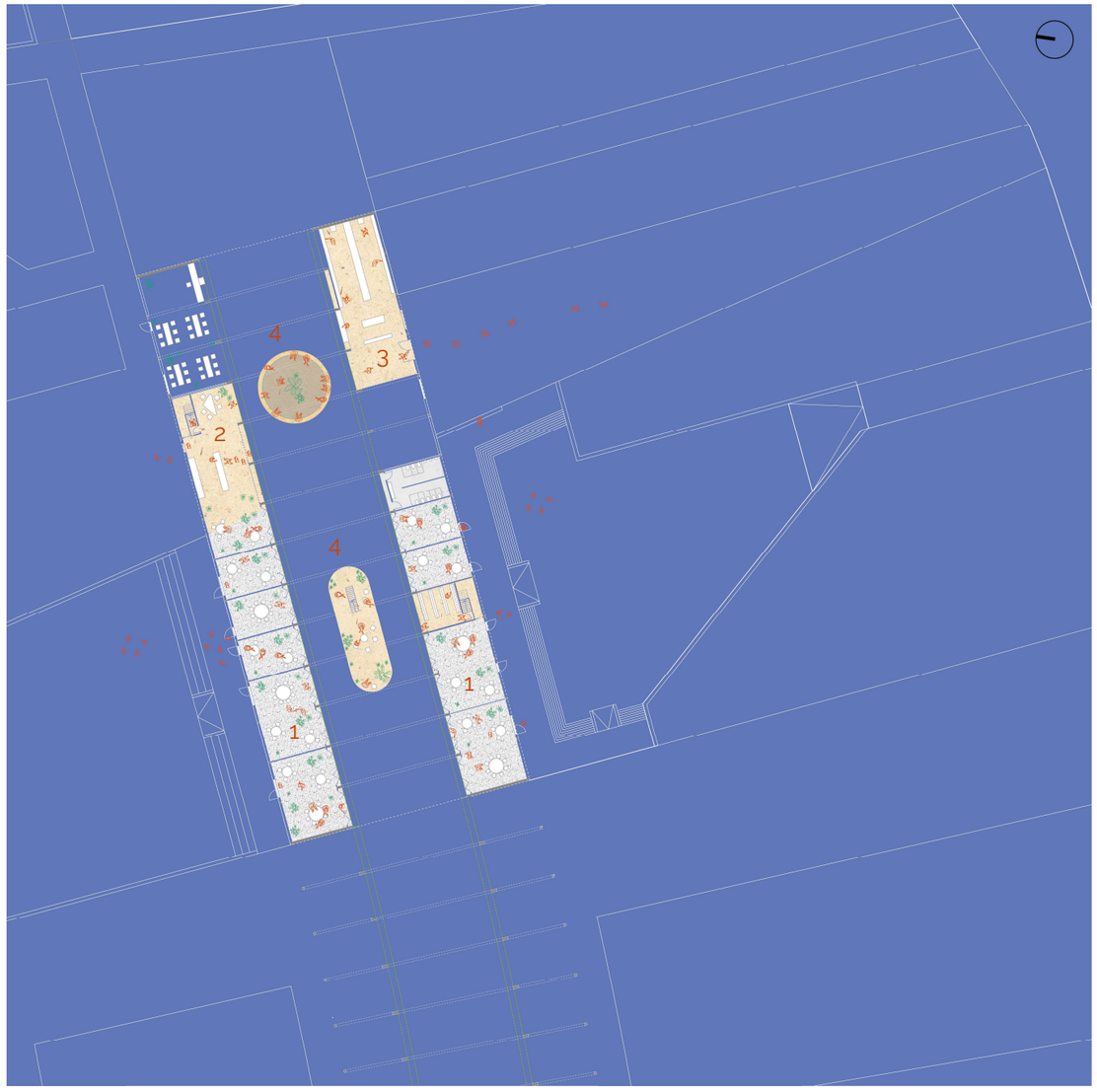
Scenario C1

1
Study rooms

2
Café

3
Library

4
Fixed interventions





ON WEEKDAYS!

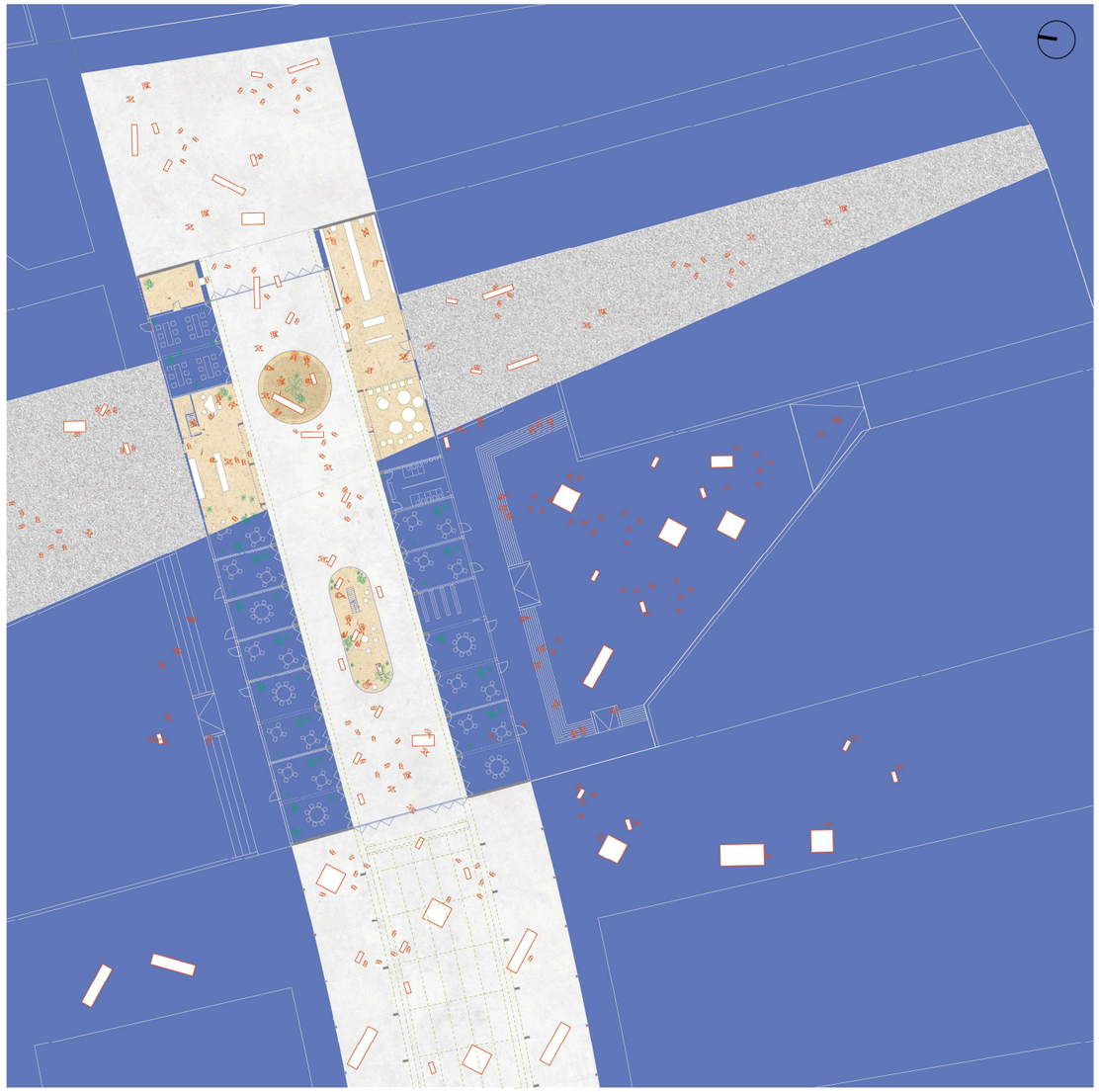
DAY TIME



Ground floor

Scenario C2

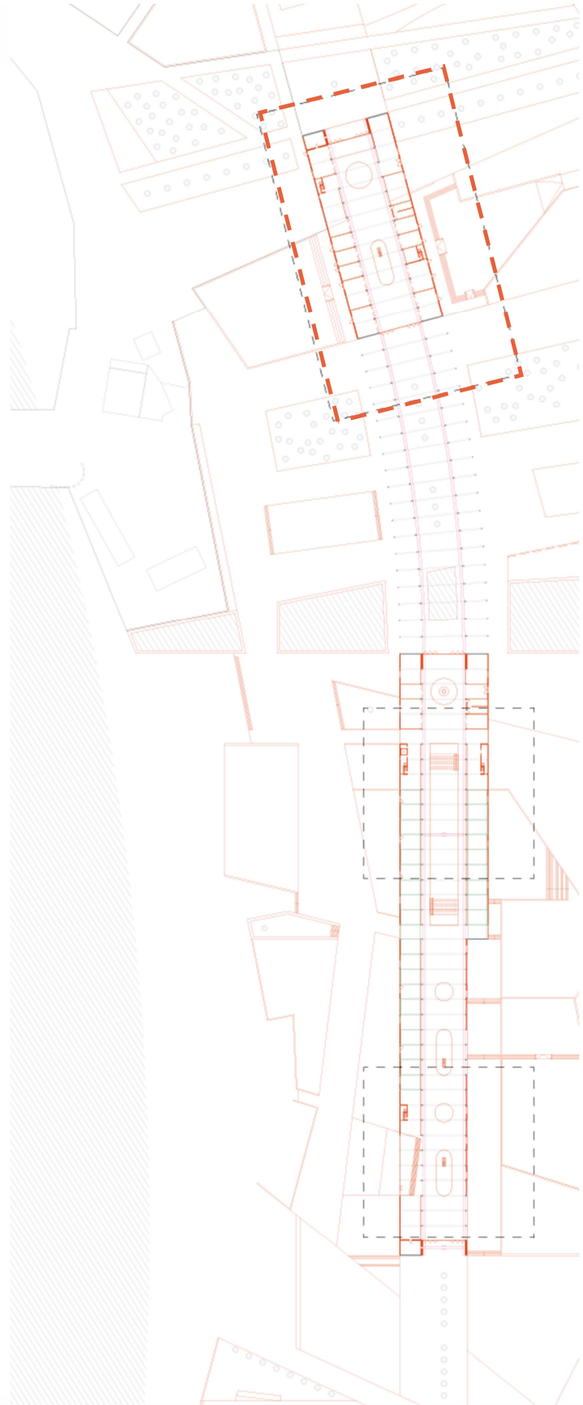
Food & Crafts
Market





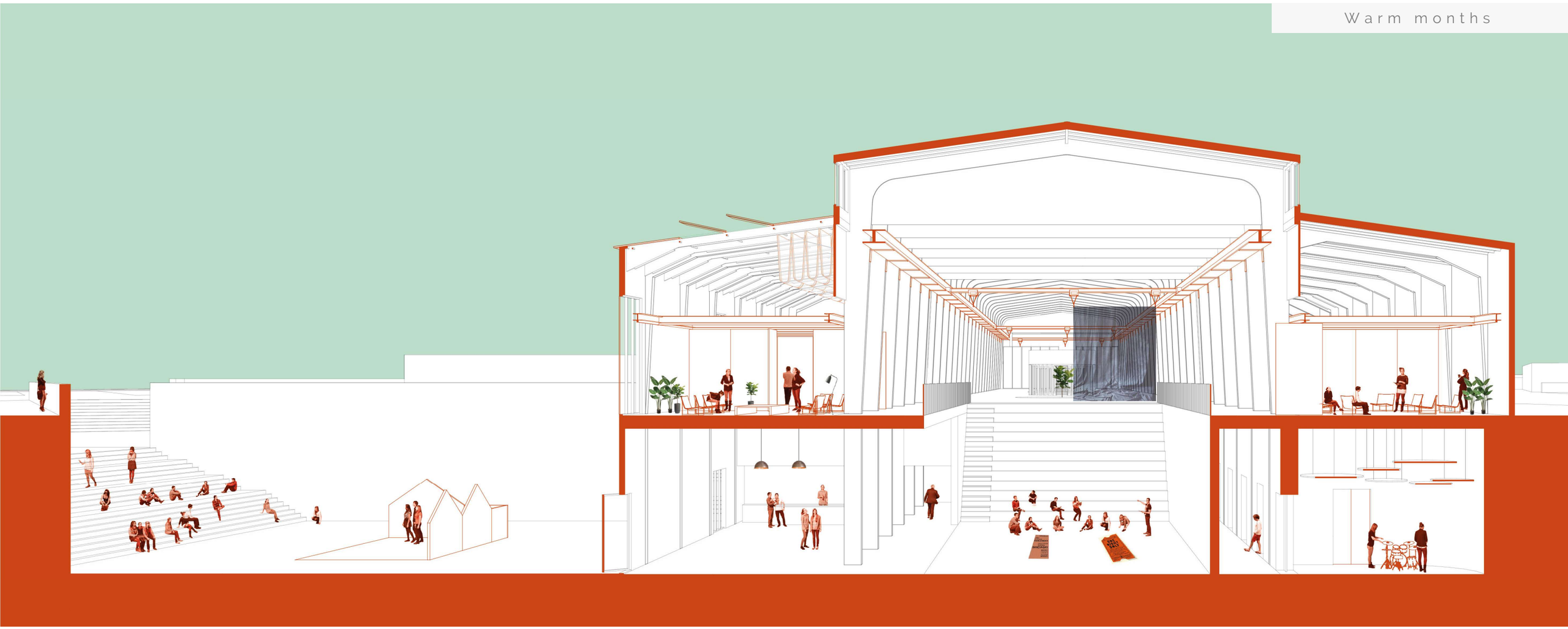
ON WEEKENDS!

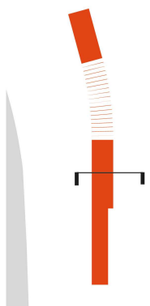
DAY TIME



Ground floor

DETAIL DESIGN





Outdoor performance

Meeting

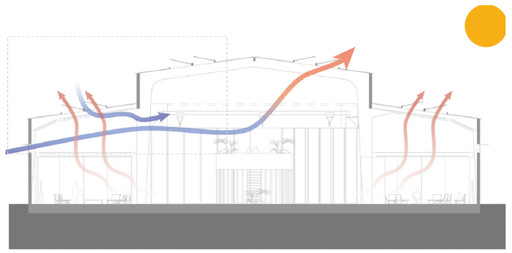
Bar

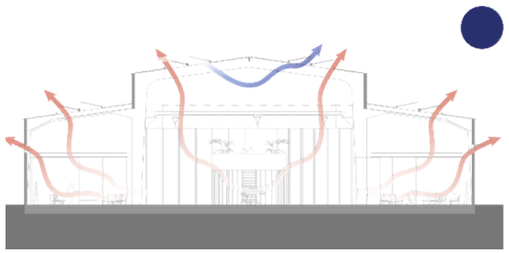
Workshop
for future events

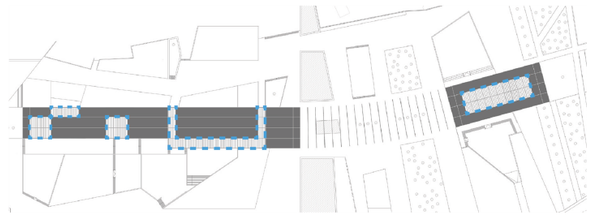
Meeting

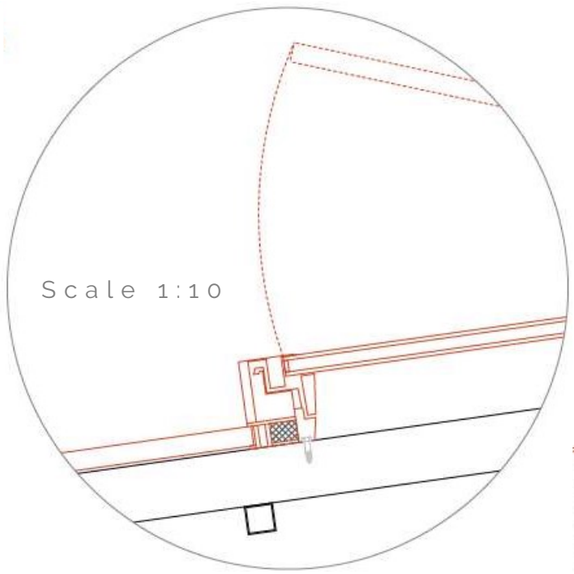
Rehearsal

Natural ventilation









Translucent roof construction:

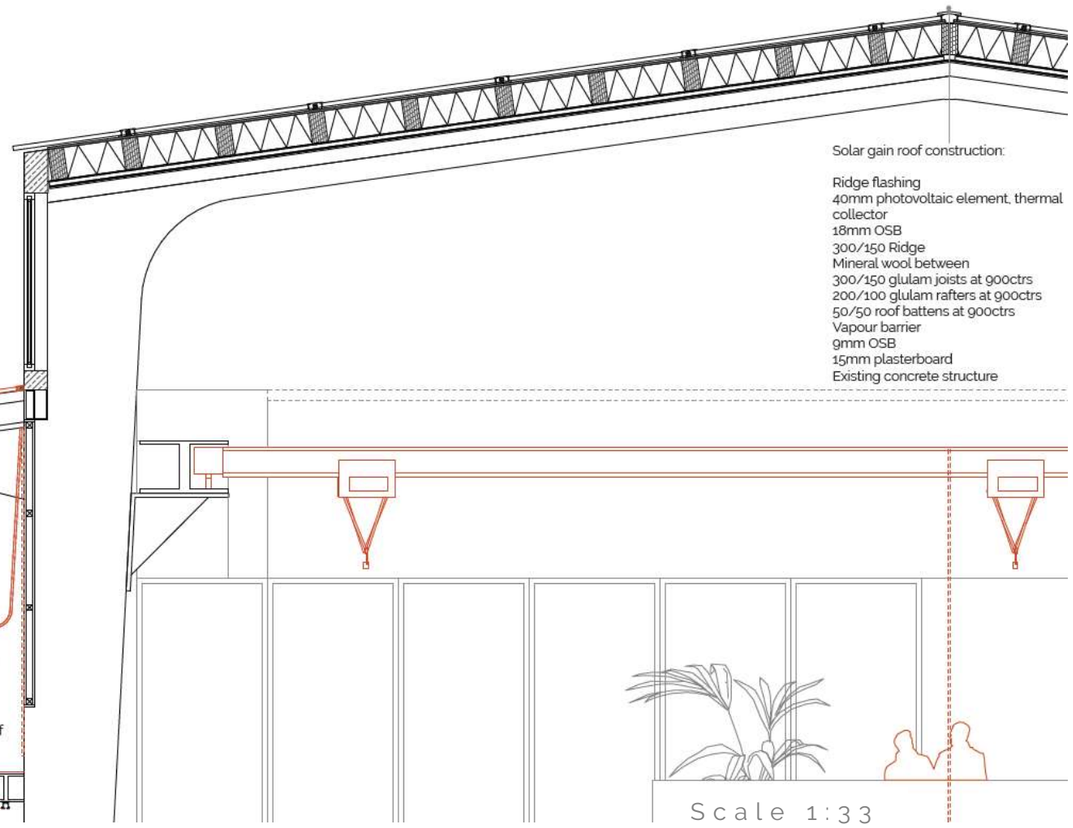
35 mm polycarbonate panel, 900 mm wide
Fixed on 100/50 SHS rafters
with hex head self-drilling screws

1700/900 sensor operated skylight
7mm toughened glass
11mm cavity
7mm float glass
in oxidized metal frame
Fixed on 100/50 SHS rafters

A

Adjustable shading/
promo banner:

white fabric on rails
attached on steel roof
system

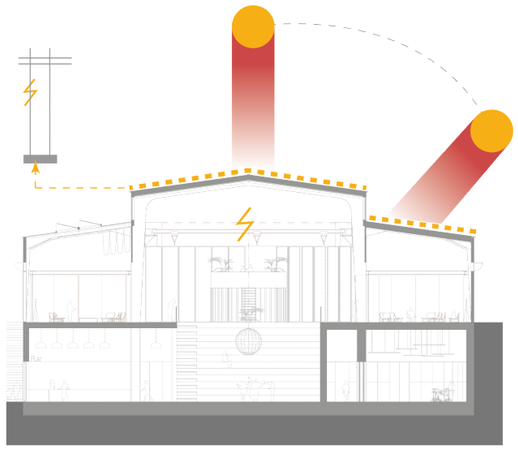


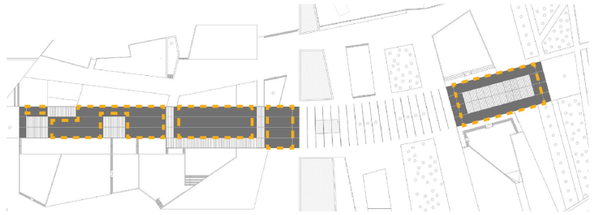
Solar gain roof construction:

Ridge flashing
40mm photovoltaic element, thermal collector
18mm OSB
300/150 Ridge
Mineral wool between
300/150 glulam joists at 900ctrs
200/100 glulam rafters at 900ctrs
50/50 roof battens at 900ctrs
Vapour barrier
9mm OSB
15mm plasterboard
Existing concrete structure

Scale 1:33

Solar harvesting





Translucent roof construction:

35 mm polycarbonate panel, 900 mm wide
Fixed on 100/50 SHS rafters
with hex head self-drilling screws

1700/900 sensor operated skylight
7mm toughened glass
11mm cavity
7mm float glass
in oxidized metal frame
Fixed on 100/50 SHS rafters

A

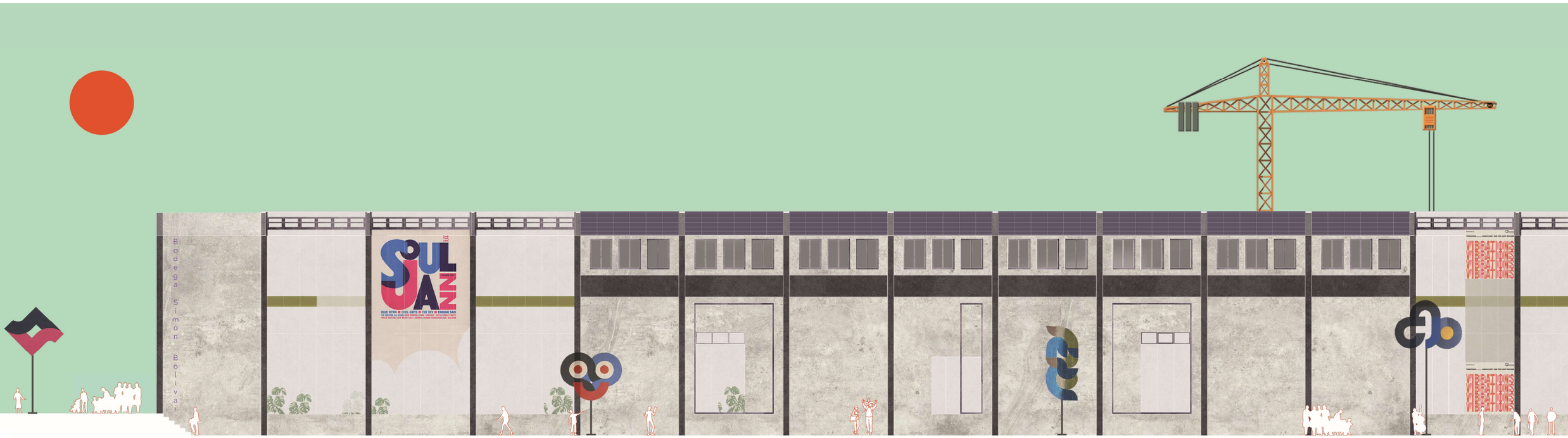
Adjustable shading/
promo banner:

white fabric on rails
attached on steel roof
system

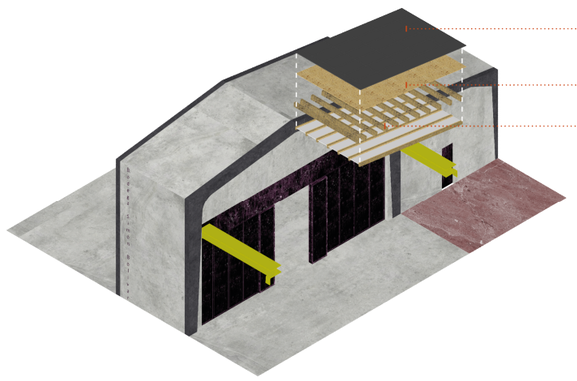
Solar gain roof construction:

Ridge flashing
40mm photovoltaic element, thermal collector
18mm OSB
300/150 Ridge
Mineral wool between
300/150 glulam joists at 900ctrs
200/100 glulam rafters at 900ctrs
50/50 roof battens at 900ctrs
Vapour barrier
9mm OSB
15mm plasterboard
Existing concrete structure

Scale 1:33



South elevation



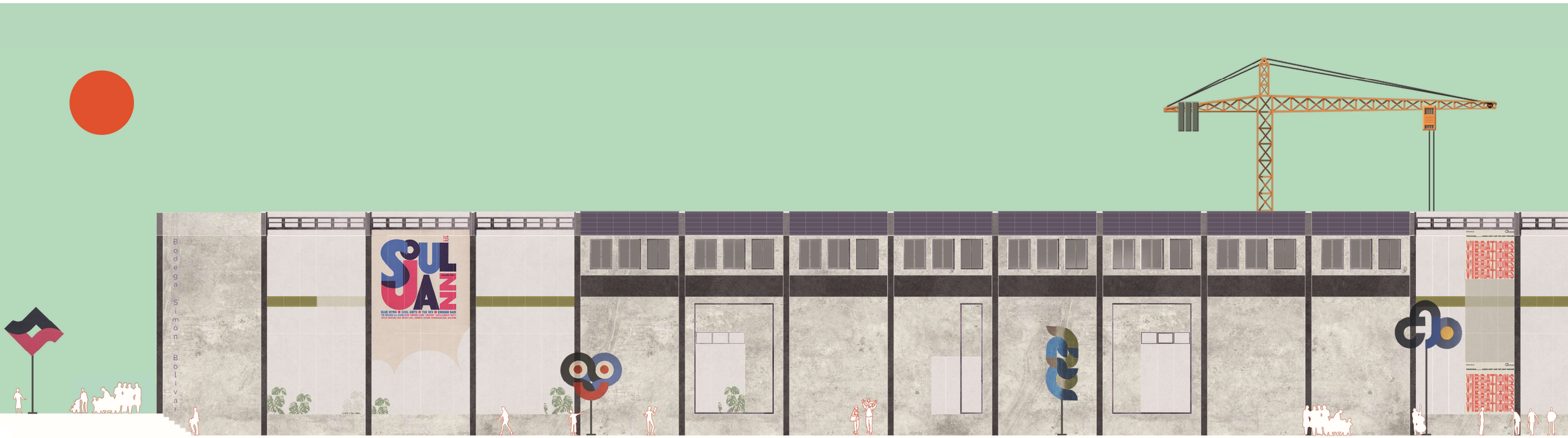
40 mm photovoltaic element

18mm OSB

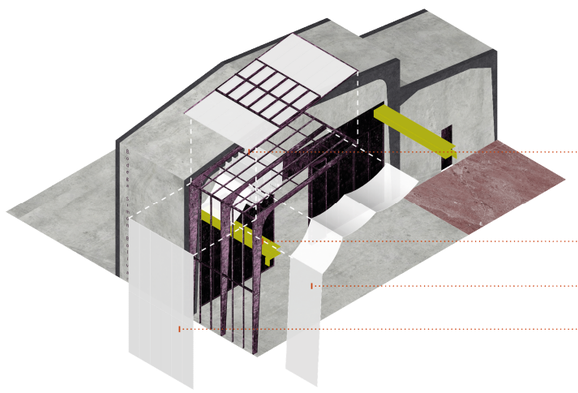
300/150 Ridge
Mineral wool between
300/150 timber joists

200/100 timber rafters
50/50 roof battens
9 mm OSB
15mm plasterboard

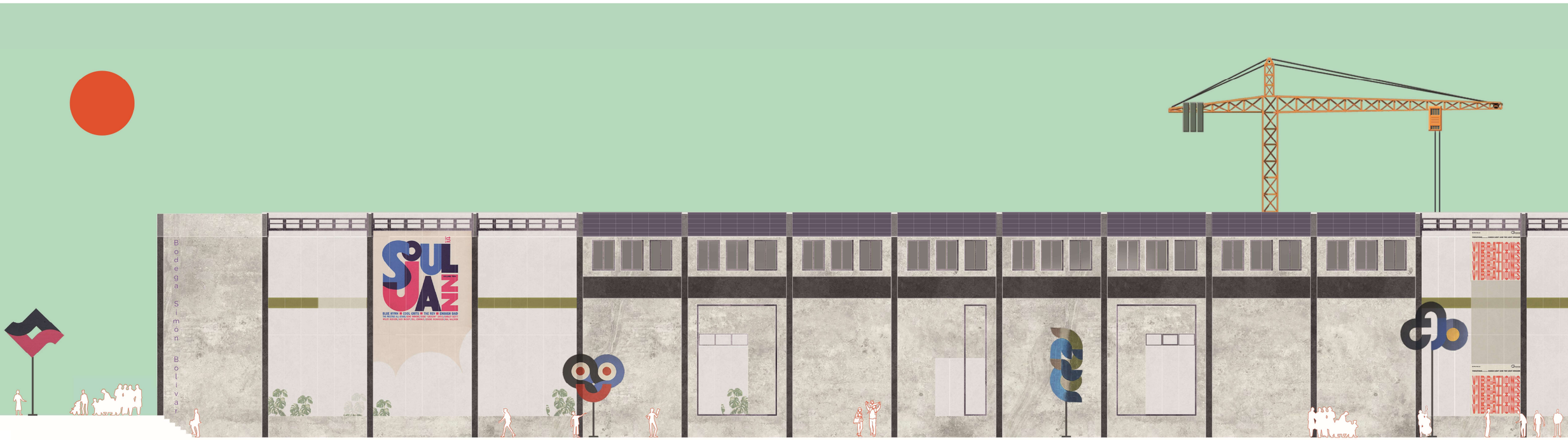
Solar gain roof



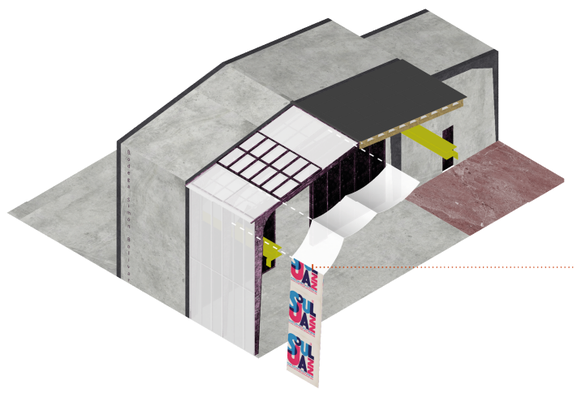
South elevation



Translucent roof/wall



South elevation

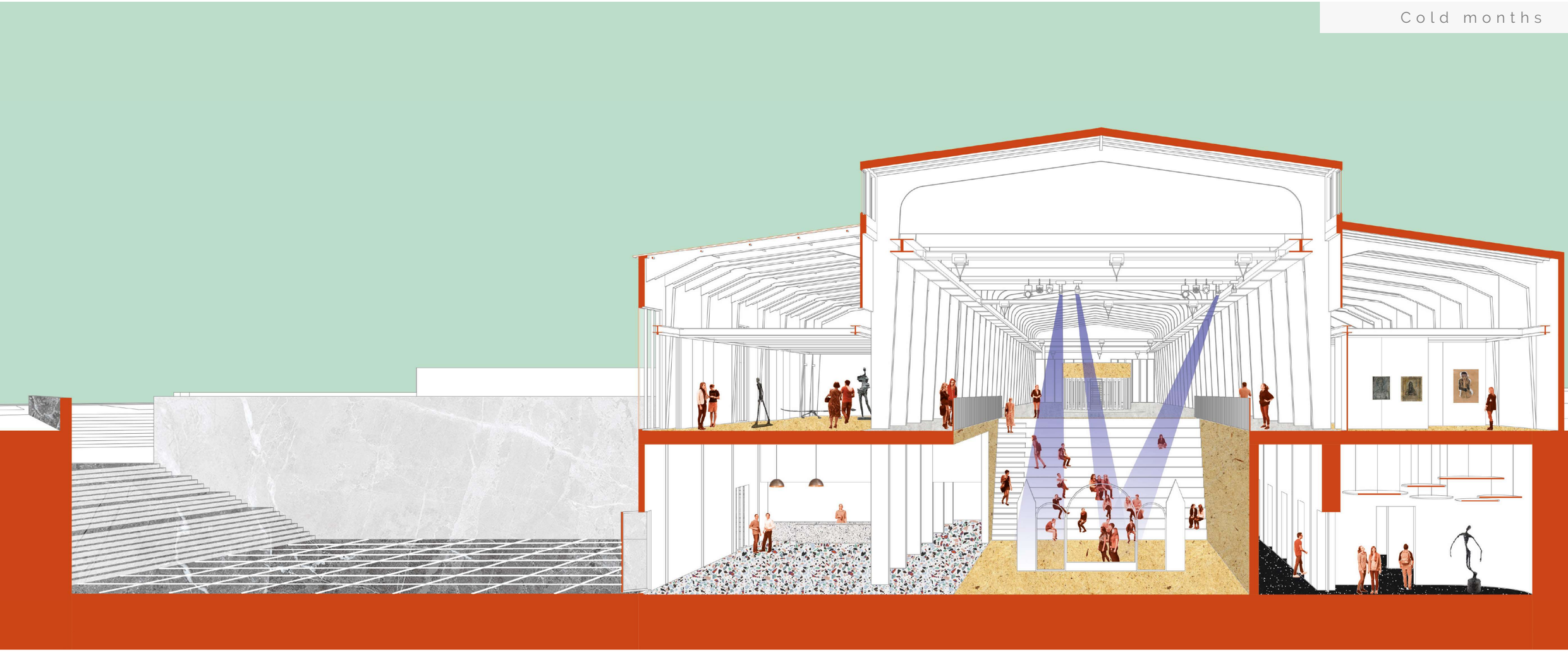


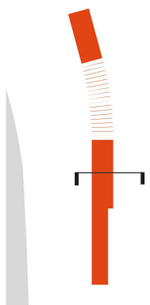
white fabric on rails attached on steel roof system

-solar shading
-promotional banners for events

Multi-use fabric shading

Cold months





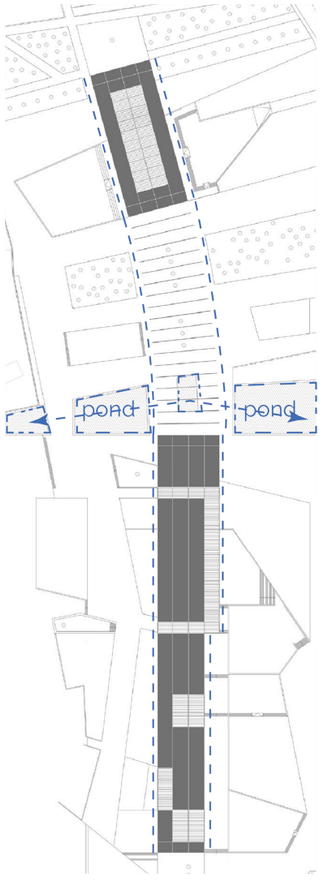
Art exhibition

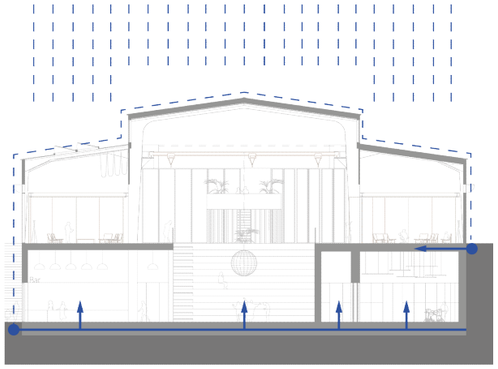
Bar

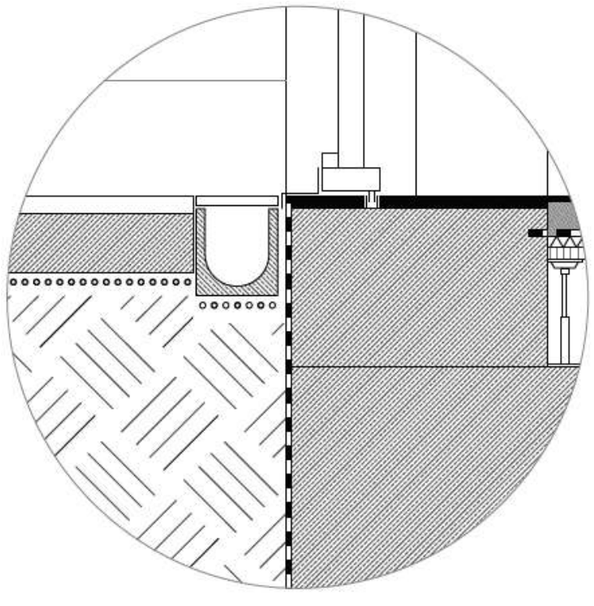
Performance

Art exhibition

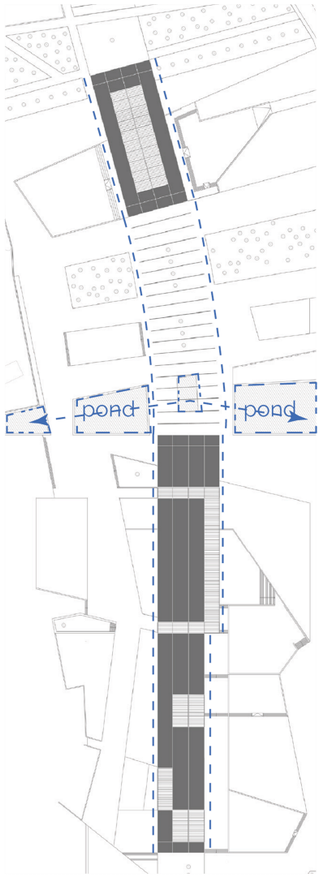
Rainwater collection

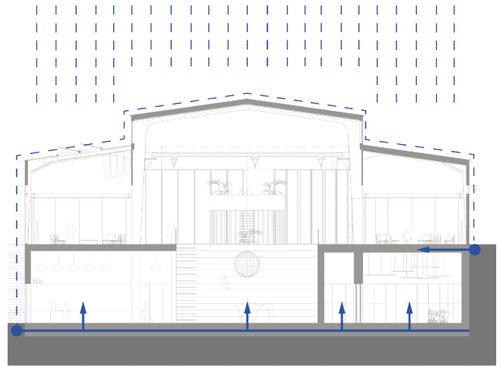


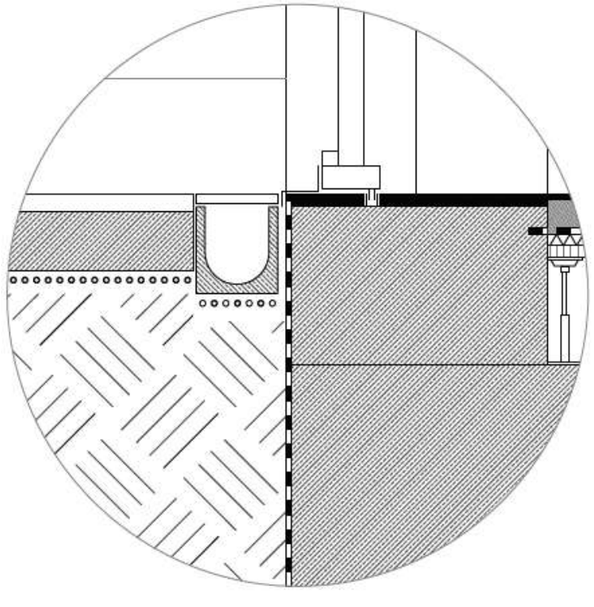




Rainwater collection

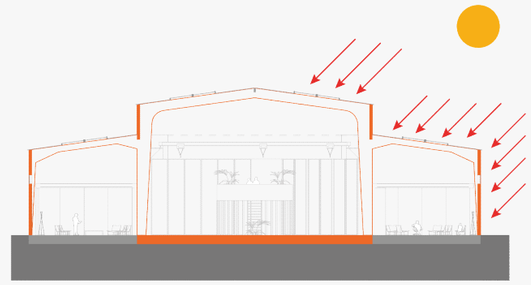


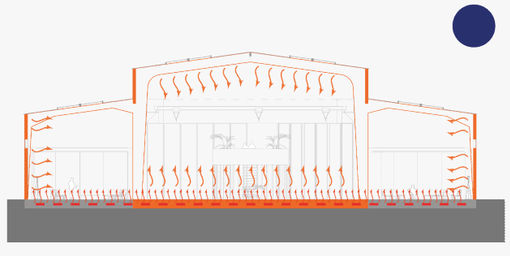




Thermal comfort

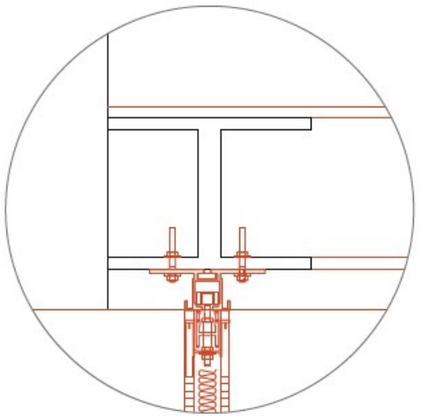
Cold months

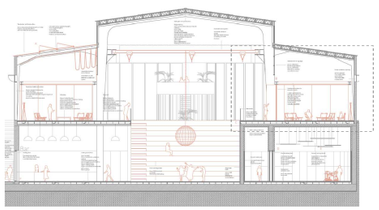




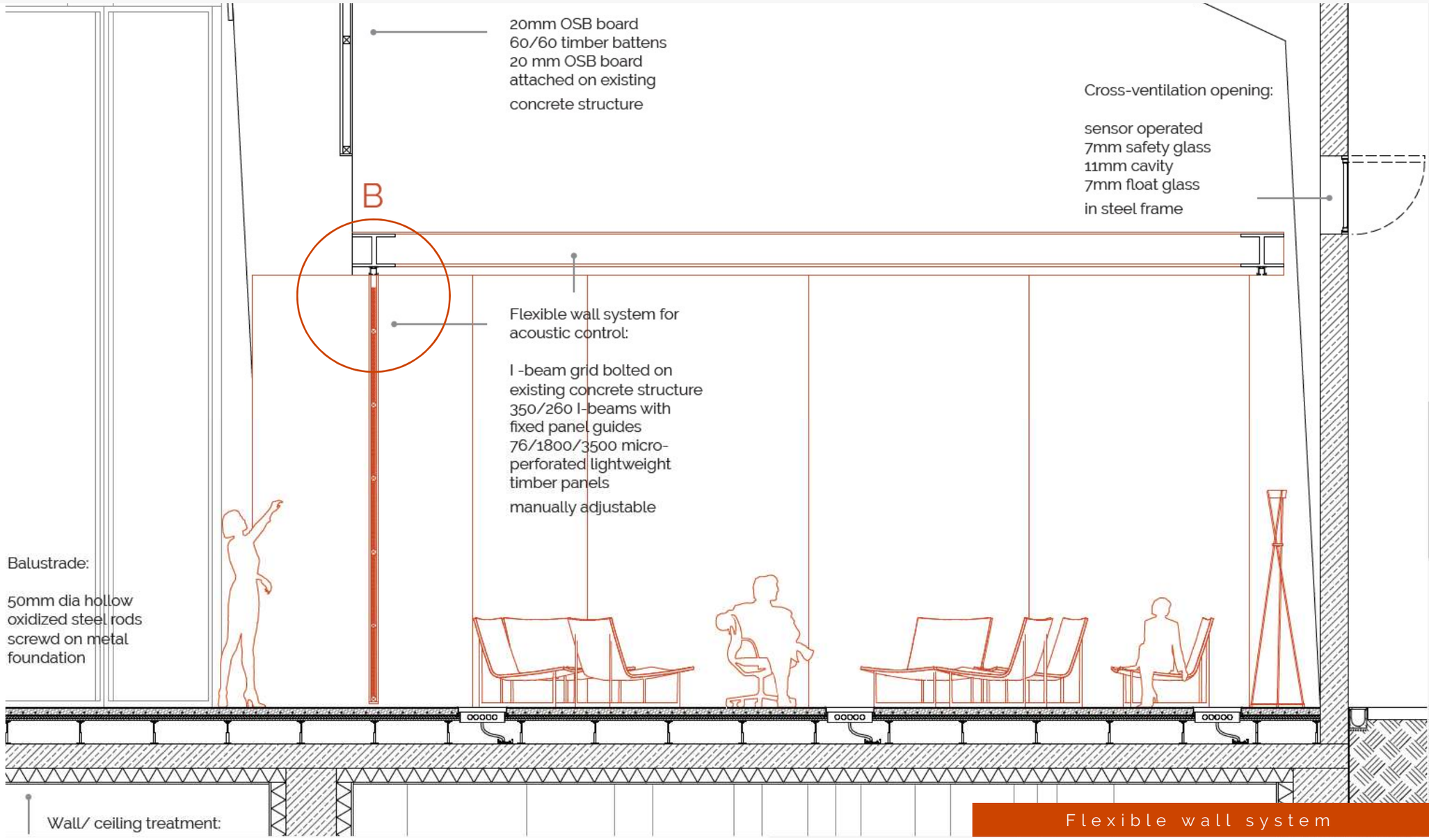
Thermal comfort

Scale 1:10



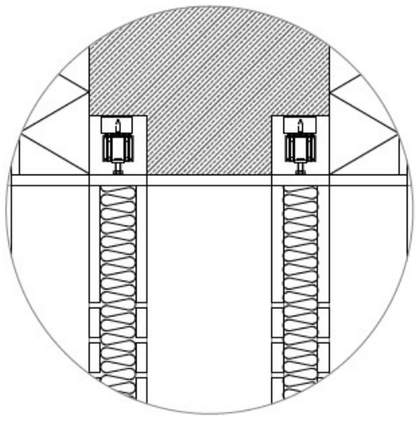


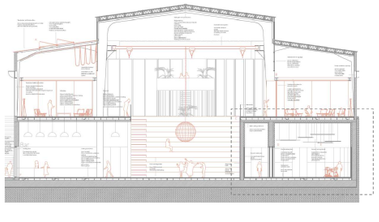
Scale 1:33



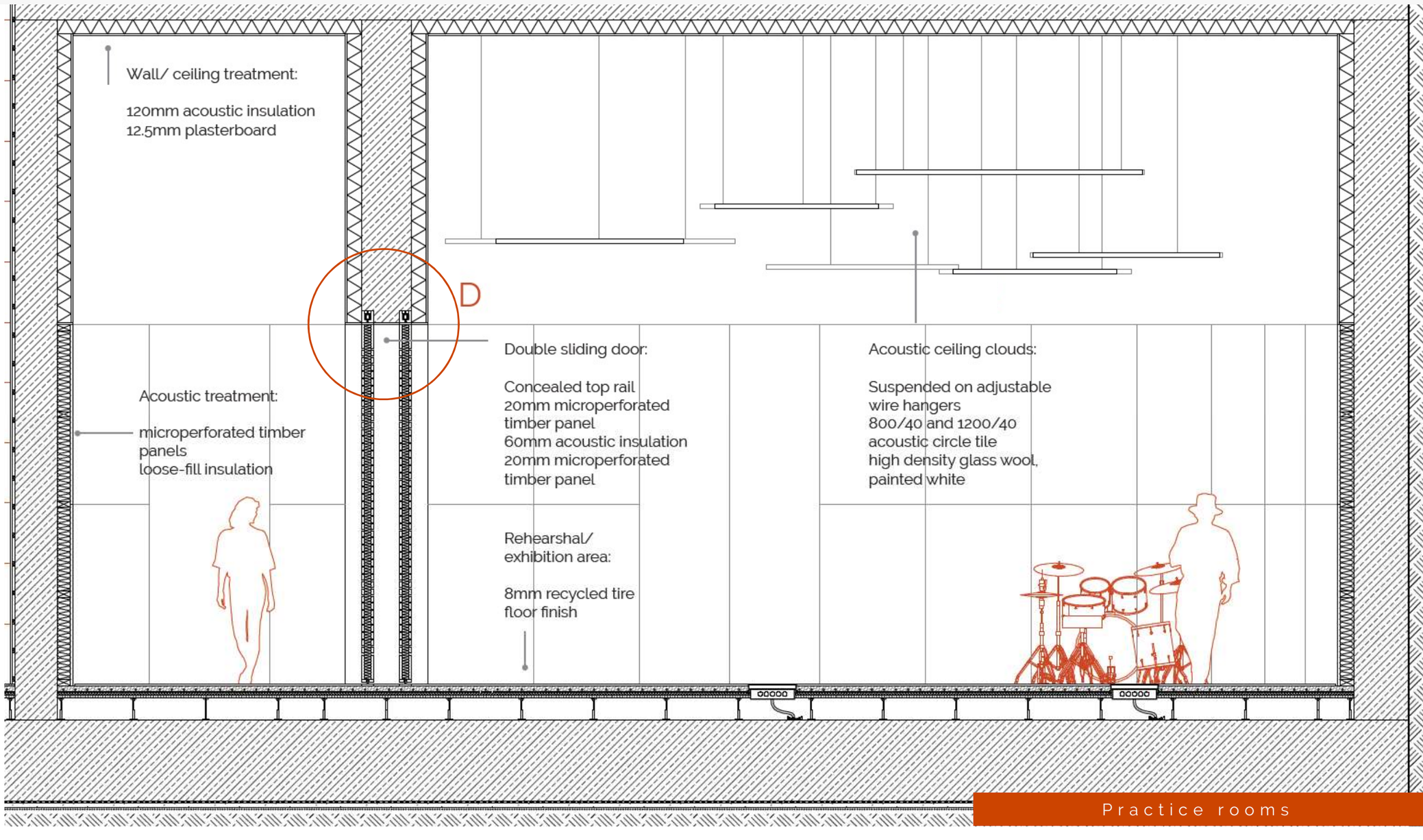
Flexible wall system

Scale 1:10





Scale 1:33



REFLECTION

VALPO WORLD MUSIC FEST

MÚSICA DEL MUNDO

BSB VALPO

