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PORTFOLIO | Daniela Alatorre

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Guidos
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Metro Station
Ex-Hacienda Curtural Center
Anganguero
Tiny Apartment

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Kohta
Bambo - Guadua

academic | Thesis projects

apendix | Assorted drawings sample

practice | architecture offices



Photos: Daniela Alatorre

MANDARIN ORIENTAL HOTEL |

MAP Arkkitehtitoimisto

information

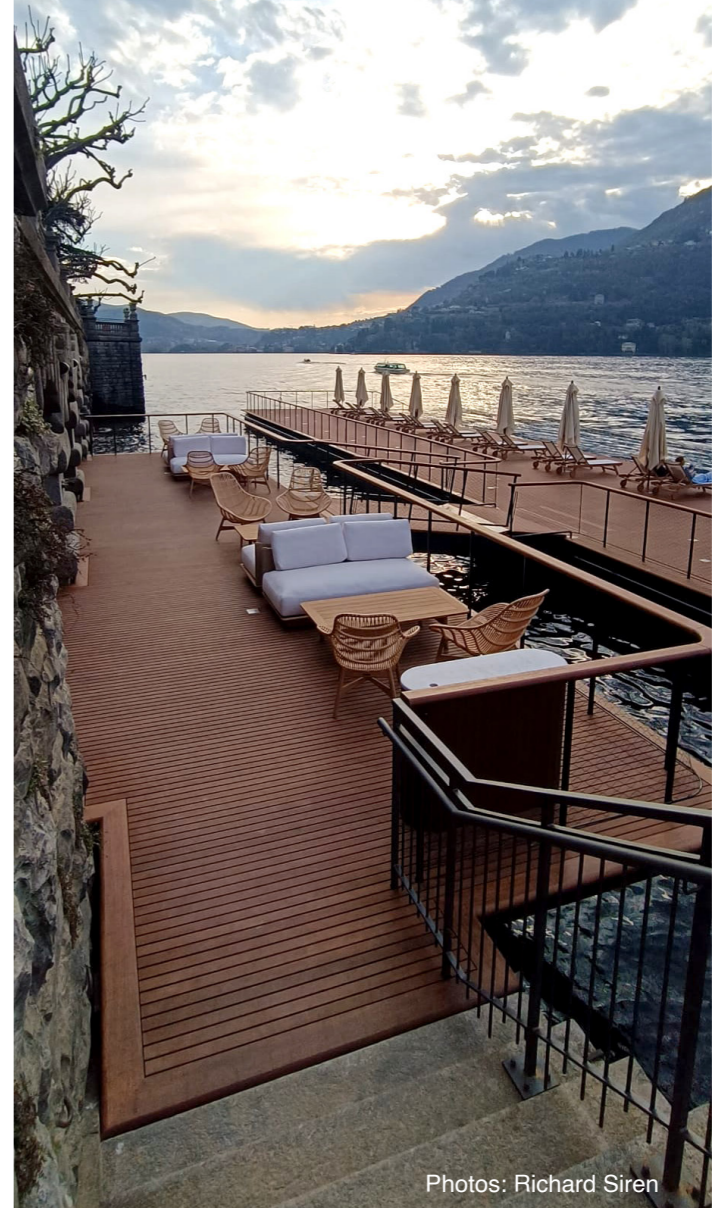
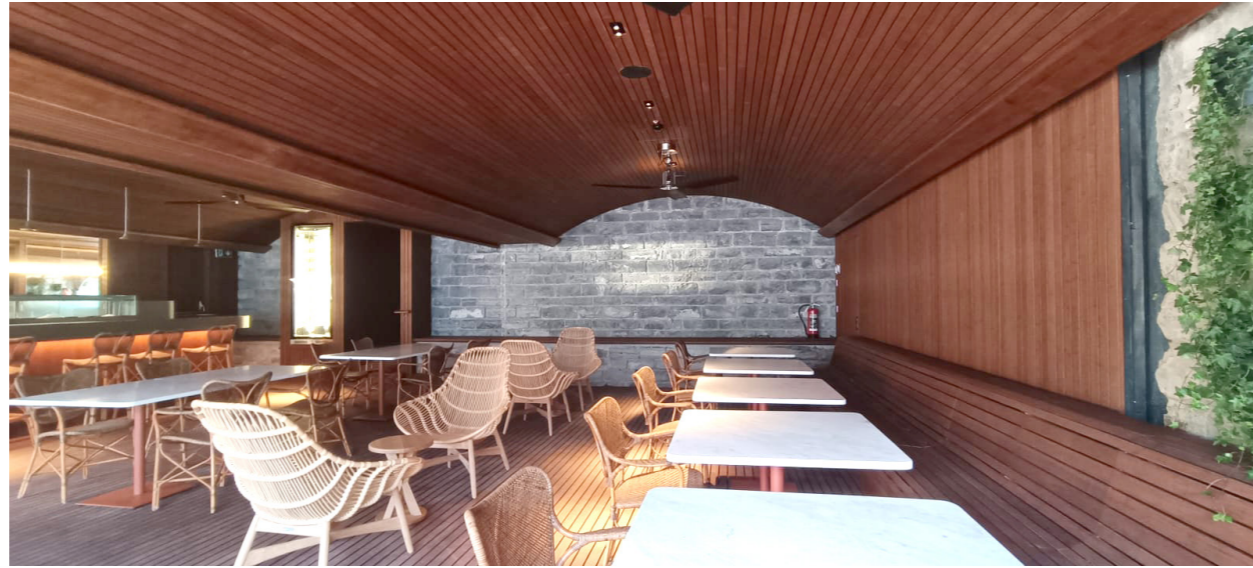
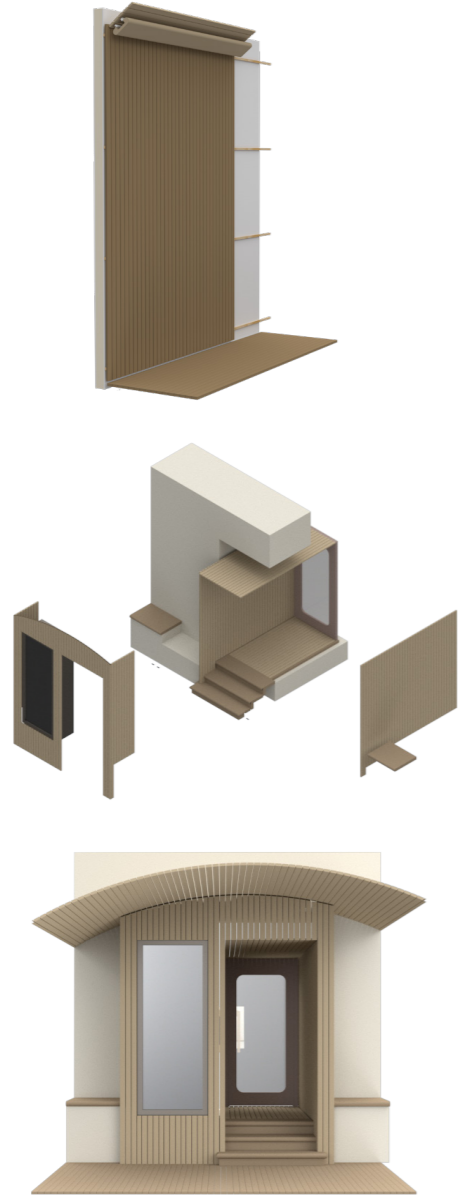
Project: Interior design
Location: Lake Como, Italy
Client: Mandarin Oriental Hotel/
Lombardini 22
Role: Detail design and construction
year/status: Completed 04/2023

description

The renovation and construction of a new floating pool and lounge/bar area were designed by Herzog & de Meuron, the project required close coordination between the design and construction teams to ensure that the project meets the desired quality standards. Bluet+MAP was responsible for developing detailed plans and construction documents based on the design created by the architects. Using bamboo composite as the primary material, and combining it with stone to create a beautiful tectonic effect that blends seamlessly with the lake. The design

focuses on providing high final quality while minimizing the environmental impact. As an architect involved in the site management, I oversaw the construction and installation of this area to ensure that it met the project's standards and specifications. The result is a stunning and interior design that enhances the guest experience at Mandarin Oriental Hotel in Lake Como.

Developed details for ceiling, floor, and wall installation, as well as furniture pieces like the wine cooler/corridor entrance.



POSIO GUEST HOUSE |

MAP Arkkitehtitoimisto

information

Project: 100m² Guesthouse
Location: Posio, Finland
Client: Hans Park
Role: design and construction team
Year/status: 2023

description

The Guest House is a pilot project located in Lapland, made entirely of WLT (waved layered timber) an innovative building technique. The house features 366mm thick walls, constructed without the use of glue, and designed to withstand the challenging weather conditions of the region while offering stunning views of the landscape. The Prefabrication of the

elements was made in Toholampi, and transported to Posio in bigger elements. As I had the opportunity to witness firsthand the intricate details that make this wood structure so unique. I was able to see the construction process in action and witness the careful craftsmanship that goes into creating a structure of this caliber.



Photo: Hans Park



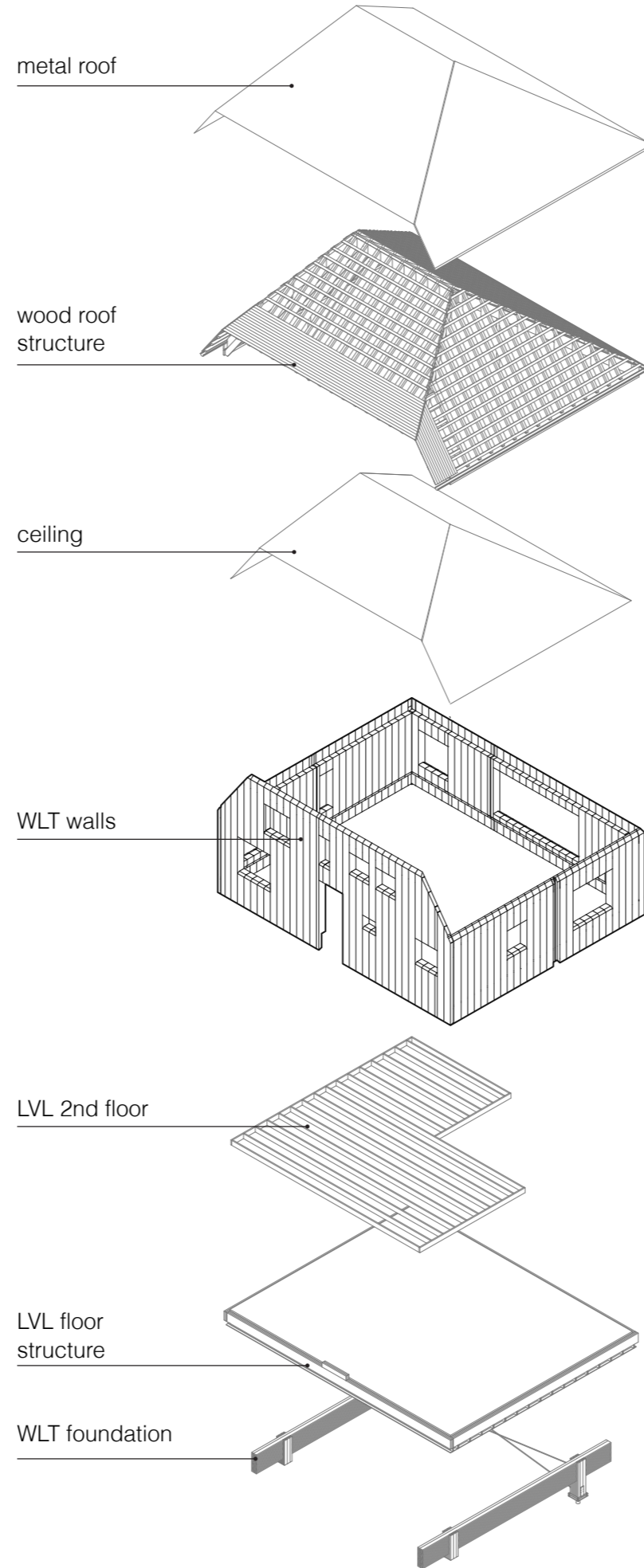
Photo: Jonathan Claburn

views | exterior

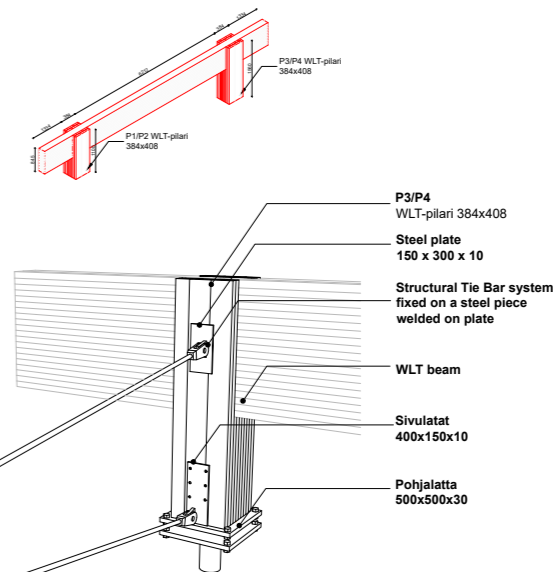
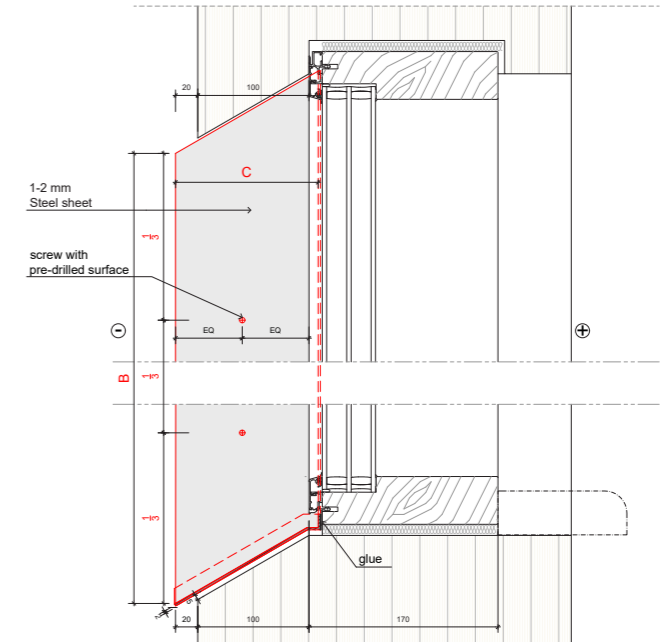
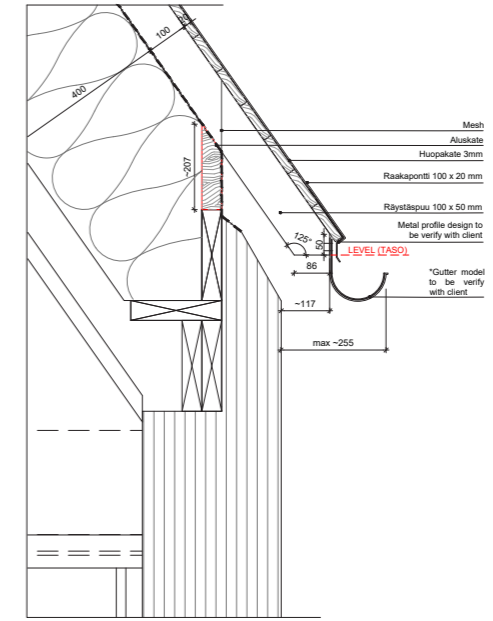


Photos: Hans Park

axonometric | constructive elements

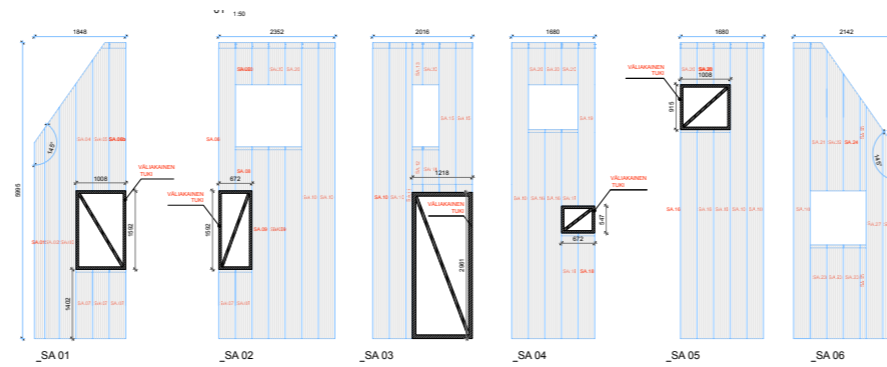
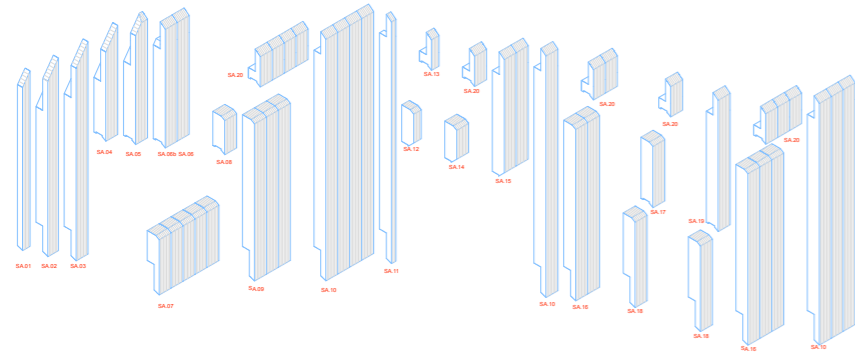


detail | roof, walls, foundation

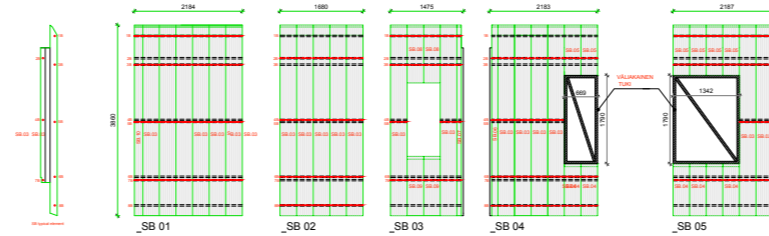
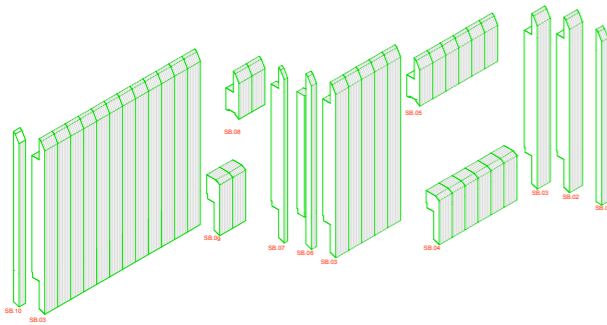


WLT I prefabrication and transport

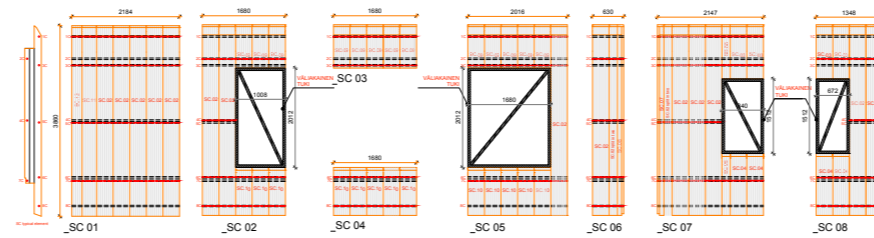
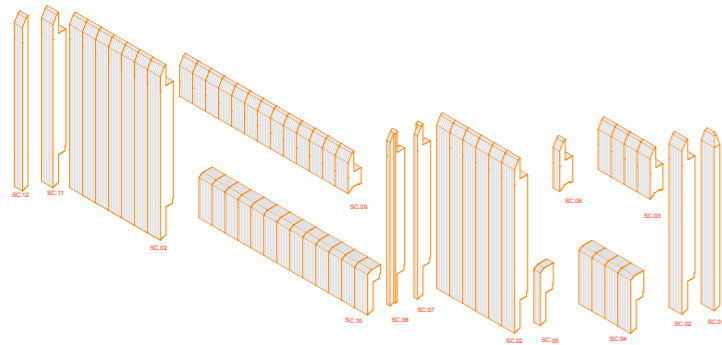
wall A



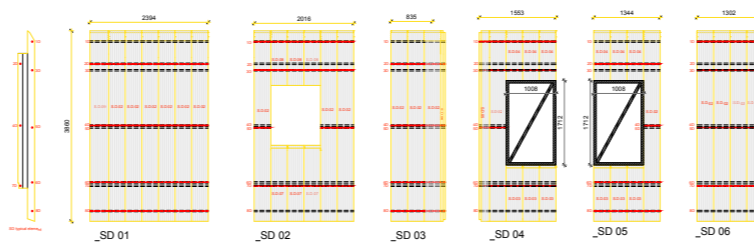
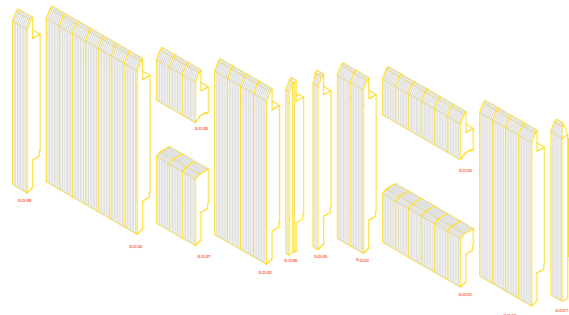
wall B



wall C



wall D



Photos: Daniela Alatorre

ISLAND HOUSE |

MAP Arkkitehtitoimisto

information

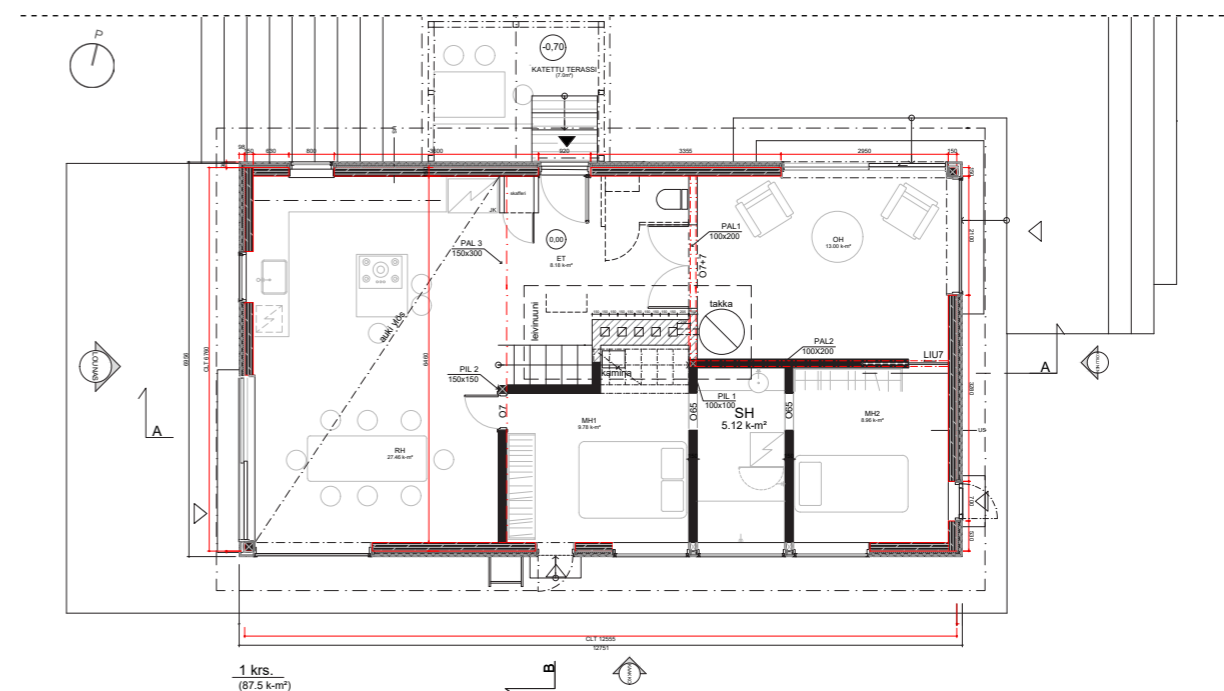
Project: CLT house
Location: Sippo, Finland
Client: Gustav Aarnio
Role: Design, permit and working drawings
year/status: on going

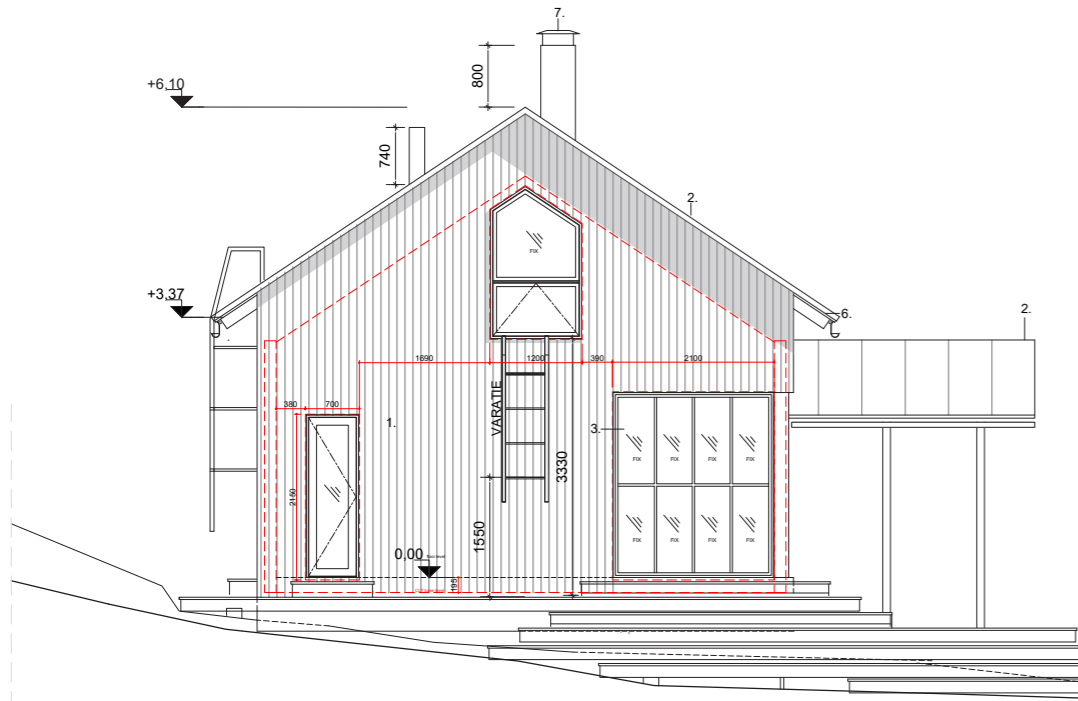
description

CLT Cottage in Sippo Island project involves the design and construction of a main house made entirely of cross-laminated timber (CLT) for clients who wish to transform it into their permanent home. The project also includes a small shed constructed using light frame construction methods. The cottage offers stunning diagonal views of the surrounding landscape, and the design ensures that the impact on the environment is minimal. My participation in the project included contributing to the design and planning. The use of CLT for both walls and floors ensures the sustainability, durability, and efficiency of the structure, while the light frame construction for the shed allows for versatility and flexibility in design.

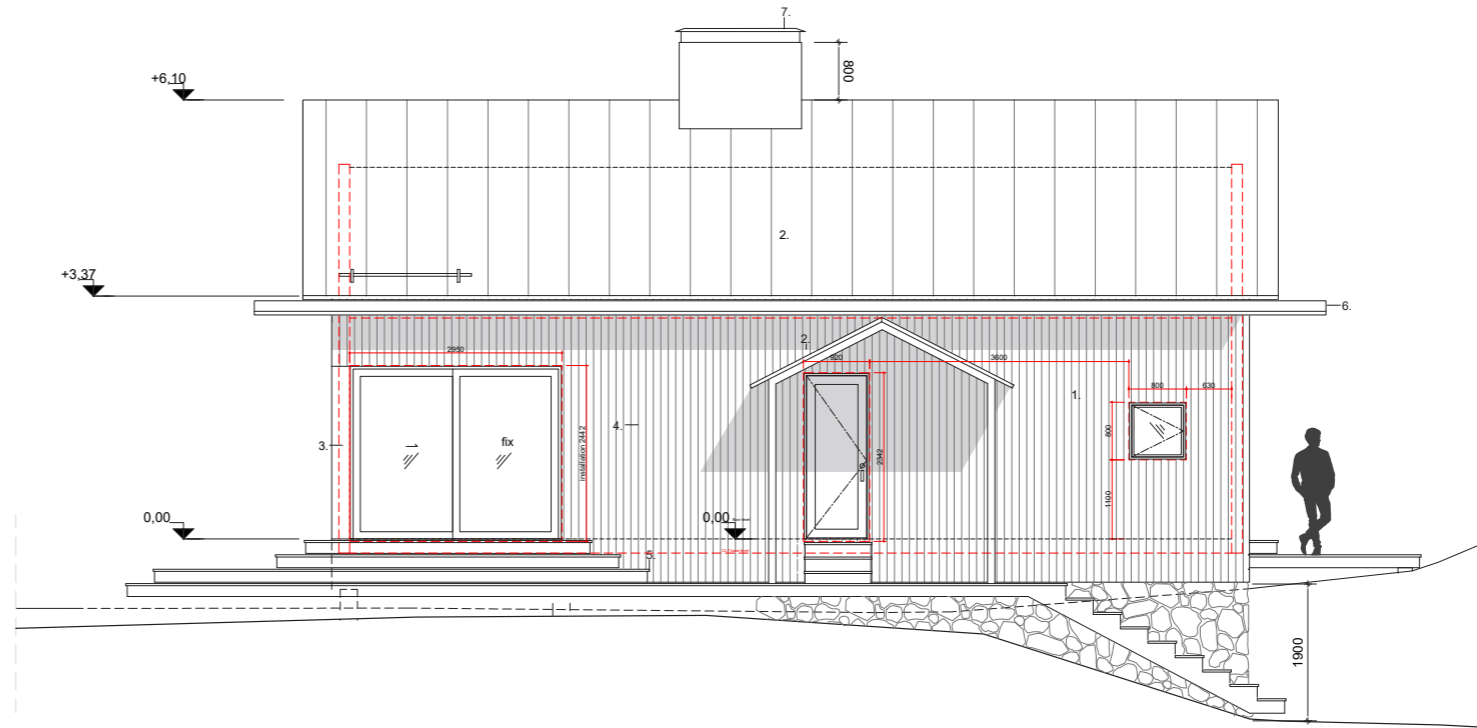


Photo: Gustav Aarnio

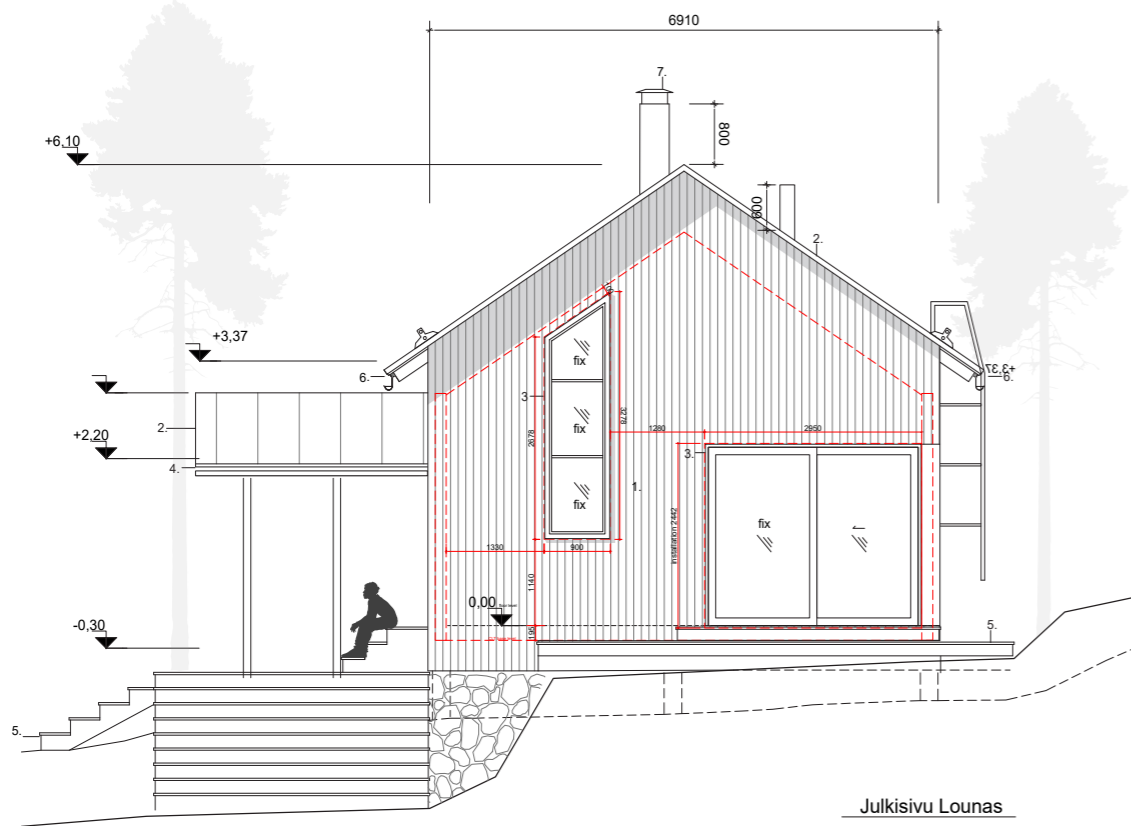




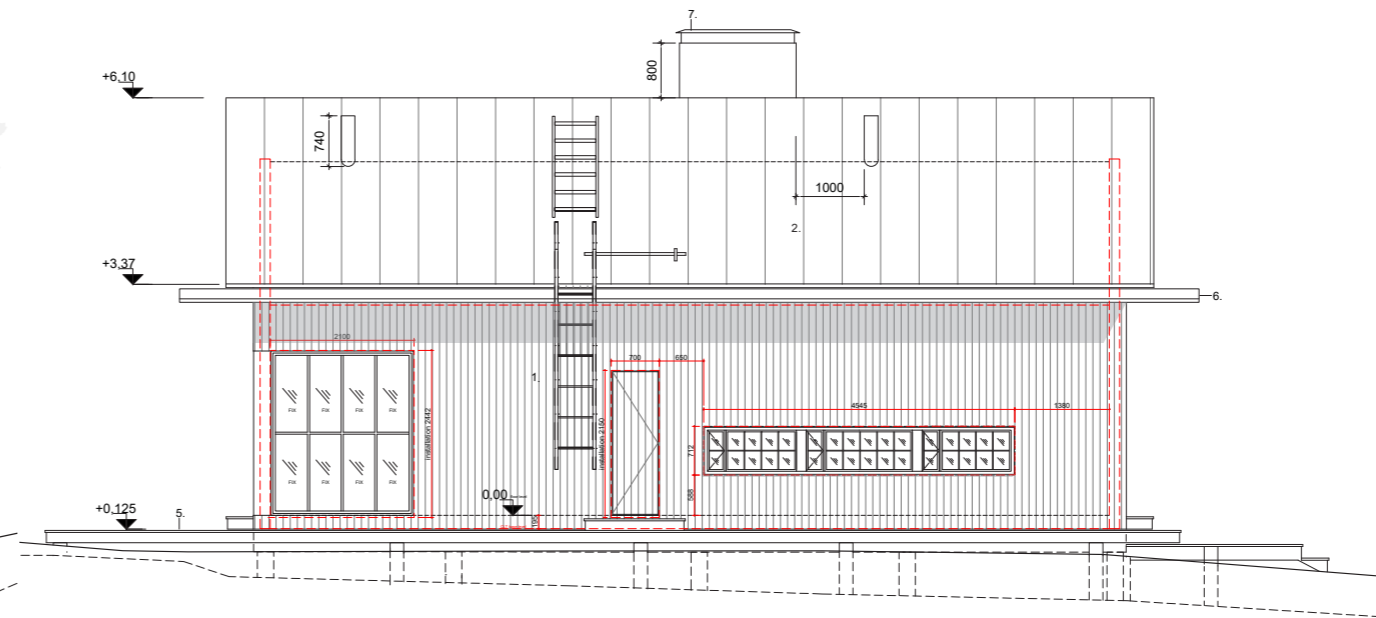
Julkisivu Koillinen



Julkisivu Loude



Julkisivu Lounas

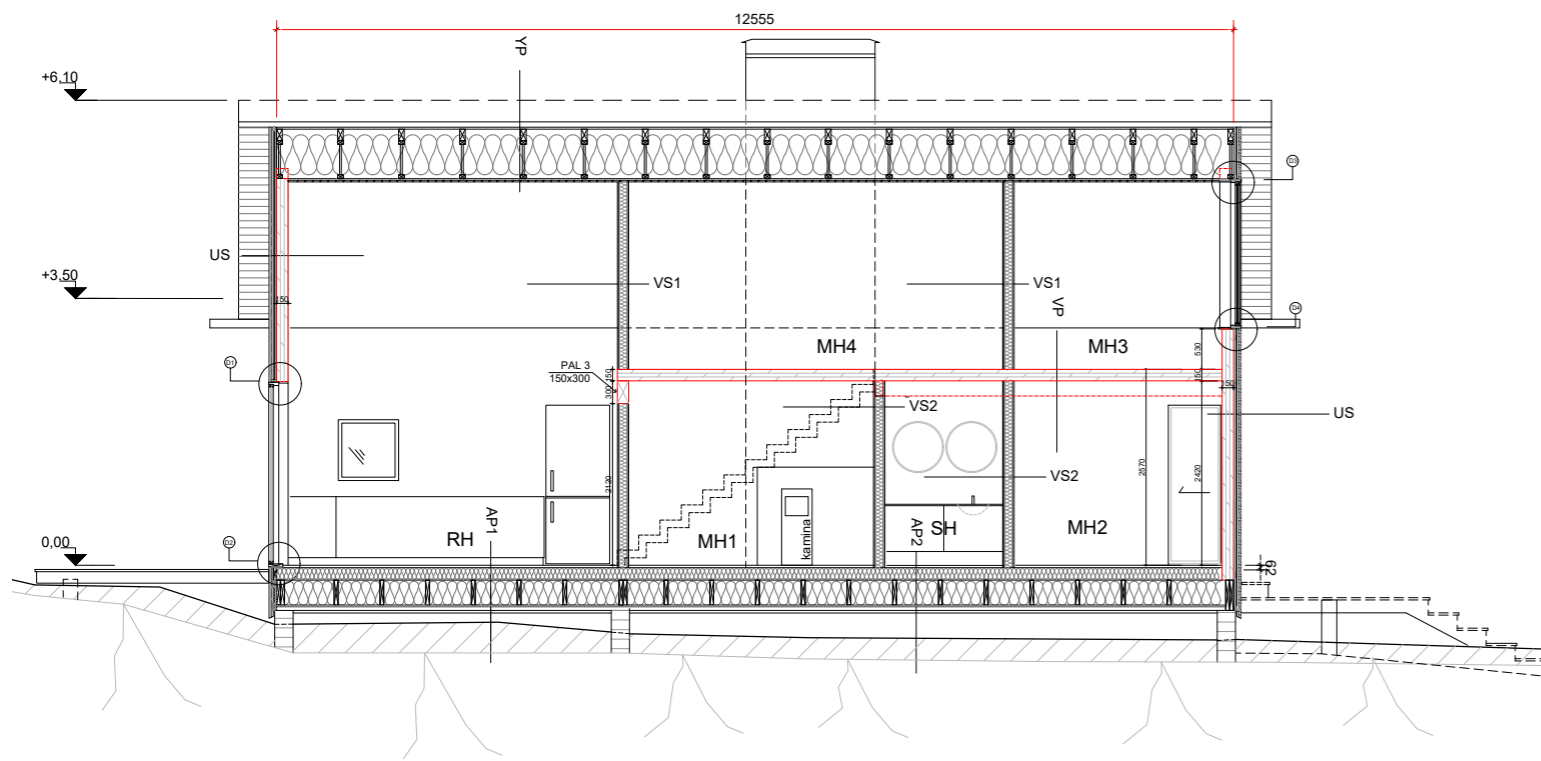


Julkisivu Kaakko

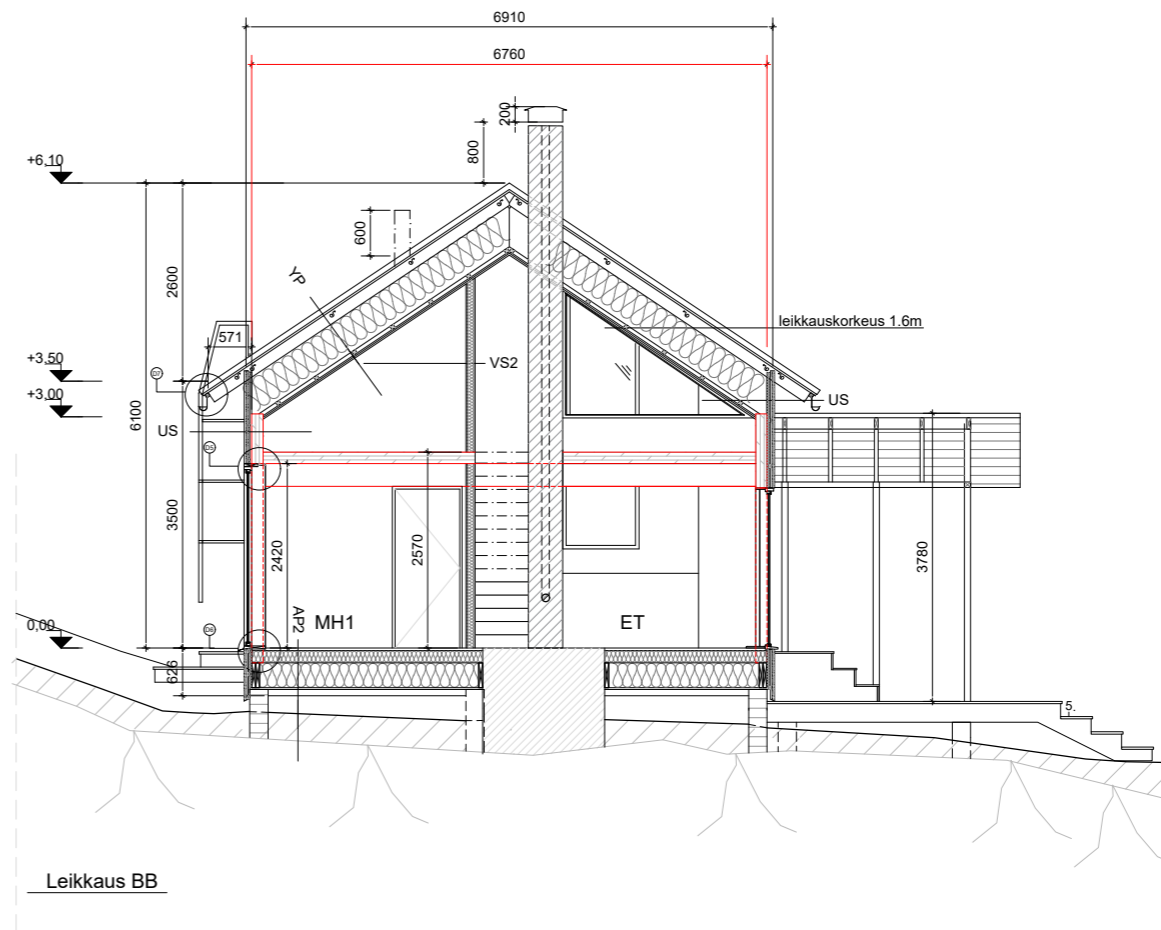
- MATERIAALI
1. Julkisivut harmaantunut pystylauda
 2. Kattot, pöjät ja sadevesienkä, grafiittiharmaa peili
 3. Ikkunakehykset, lakattu / oijitty puu
 4. Veranta, ikkunakehykset ja alasaat lakattu / oijitty puu
 5. Terässiiv harmaantunut puu



Photos: Daniela Alatorre



Leikkaus AA



Leikkaus BB



Photo: Marc Goodwin

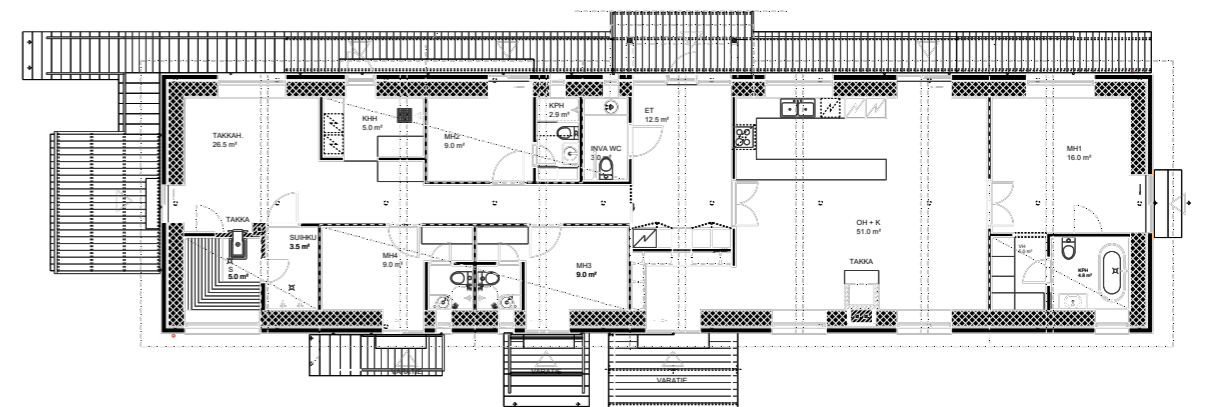
PINEWOOD B&B | MAP Arkkitehtitoimisto

information

Project: Bed and Breakfast
 Location: Posio, Finland
 Client: Hans Park
 Role: design and construction team
 Year/status: ongoing

description

A building structure of waved layered timber (WLT), as the external shell, insulated with straw bale and clay plastered on the inside to ensure efficient and sustainable insulation. The floors are constructed using clay cast (Claytec) to enhance the building's sustainability and minimize its environmental impact. My participation in the project was mainly focused on designing specific spaces of the interior. The use of WLT as the primary material for the structure ensures durability and sustainability, while the use of straw bale and clay for insulation and plastering provides a healthy and comfortable environment for the guests. The result is a unique and sustainable bed and breakfast that blends harmoniously with the beautiful surroundings of Mäntsälä





Photos: Maiju Suni

PORVOO HOUSE

EXTENTION | MAP Arkkitehtitoimisto

information

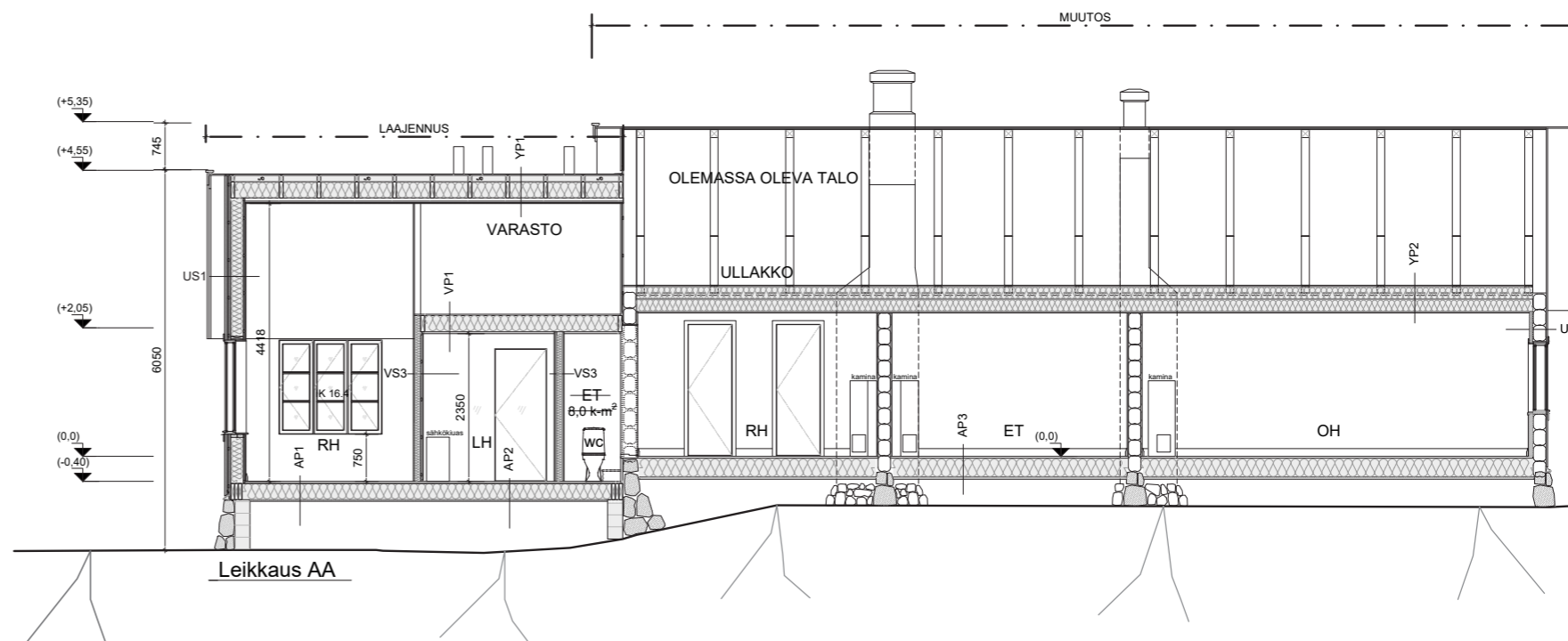
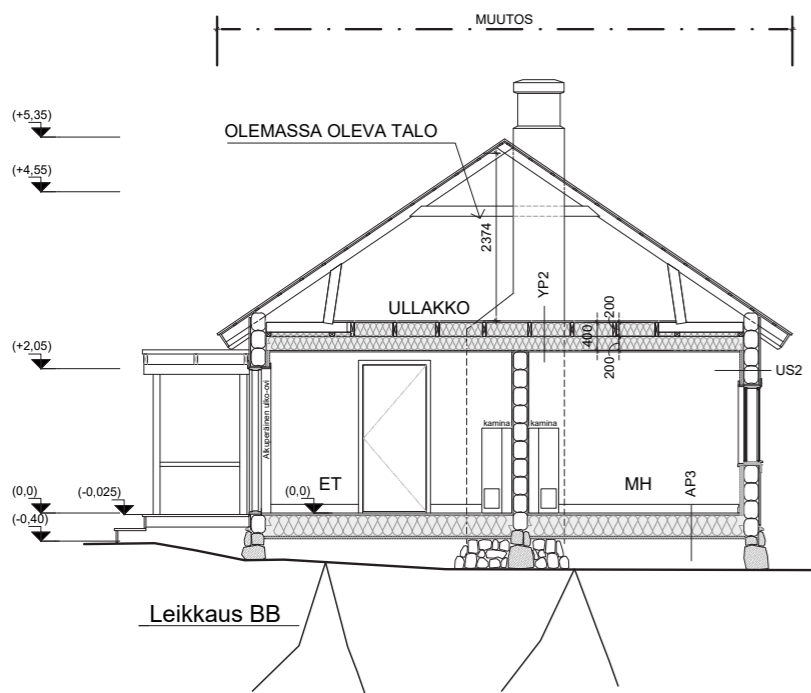
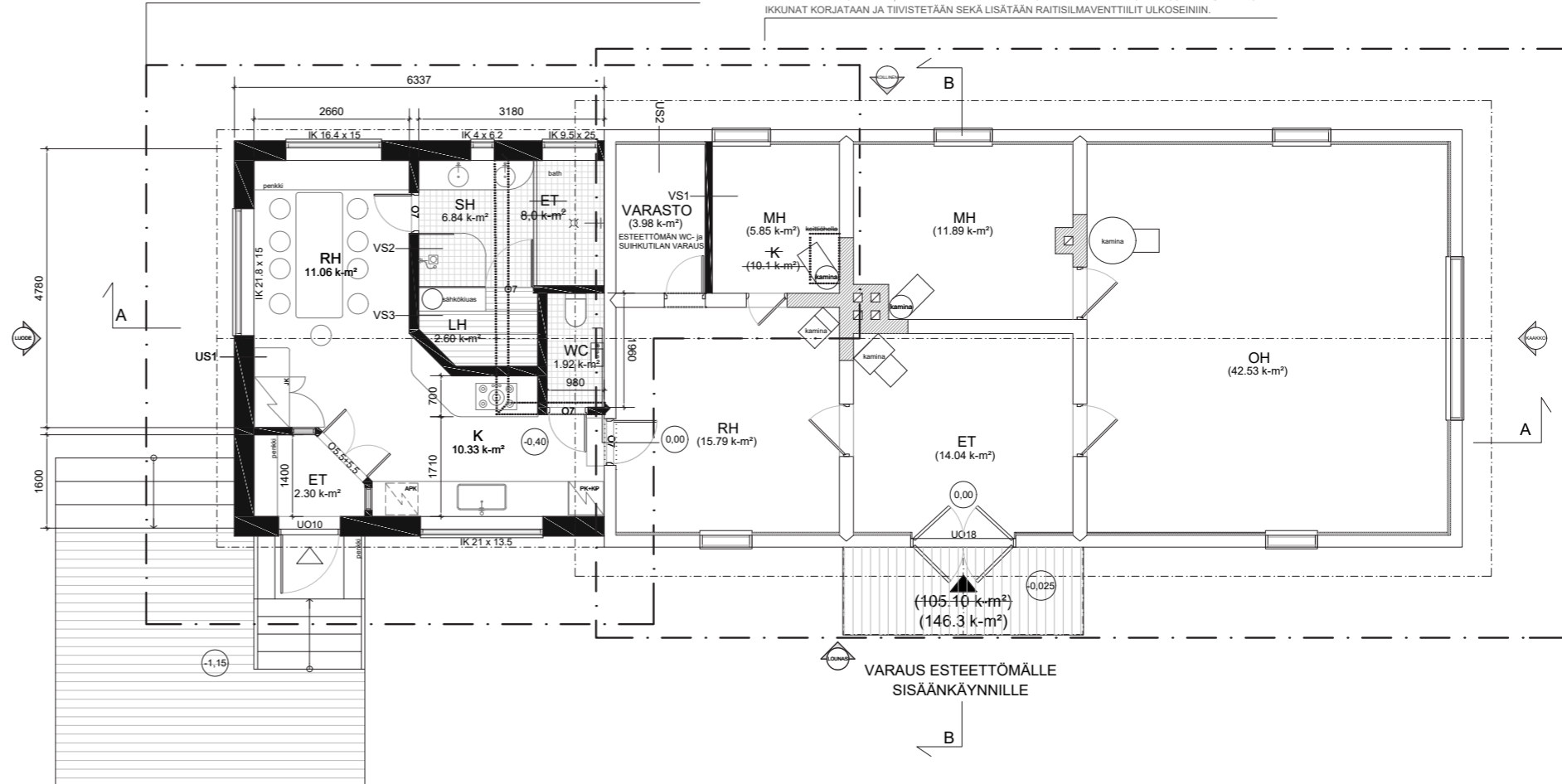
Project: House extension
 Location: Porvoo, Finland
 Client: Alma Pöysti
 Role: Design and permit
 Year/status: 2020 - ongoing

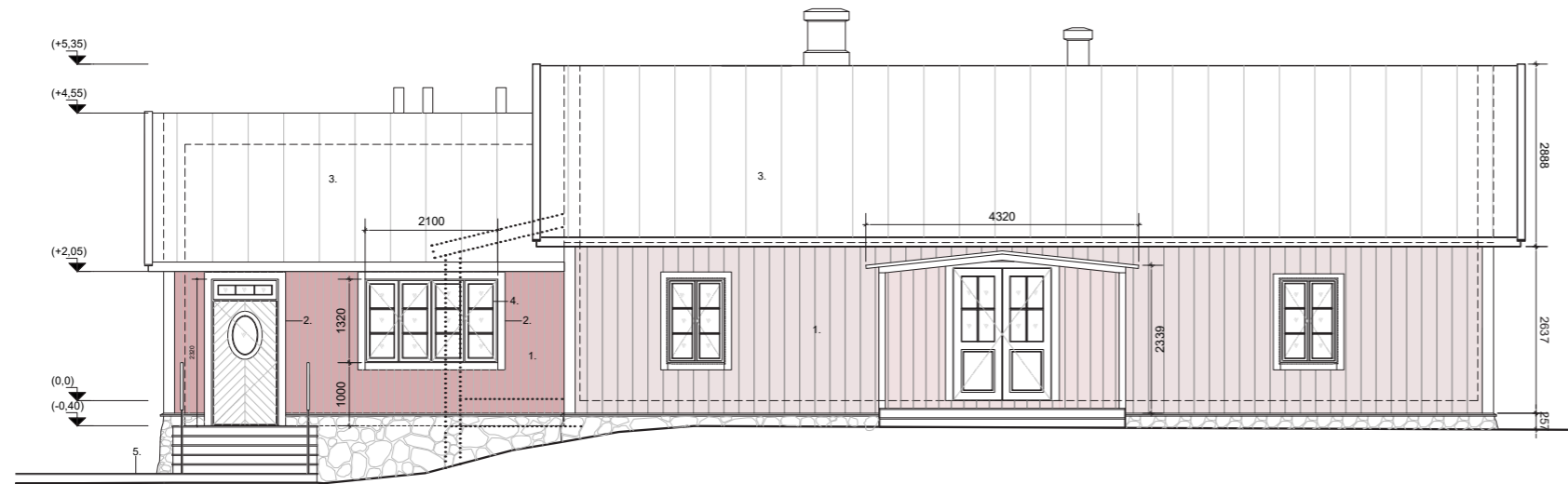
description

42m² house extension in Porvoo designed for Alma Pöysti, with the challenge of obtaining a special permit due to the historical significance of the area. The project was inspired by vernacular architecture and included the construction of a sauna, kitchen, and dining room. The design was carefully developed to ensure that the extension would blend seamlessly with the existing house and the surrounding environment. My participation in the project included contributing to the design and obtaining the necessary permits. The result is a beautiful and functional extension that provides an additional living space while maintaining the integrity of the original construction.

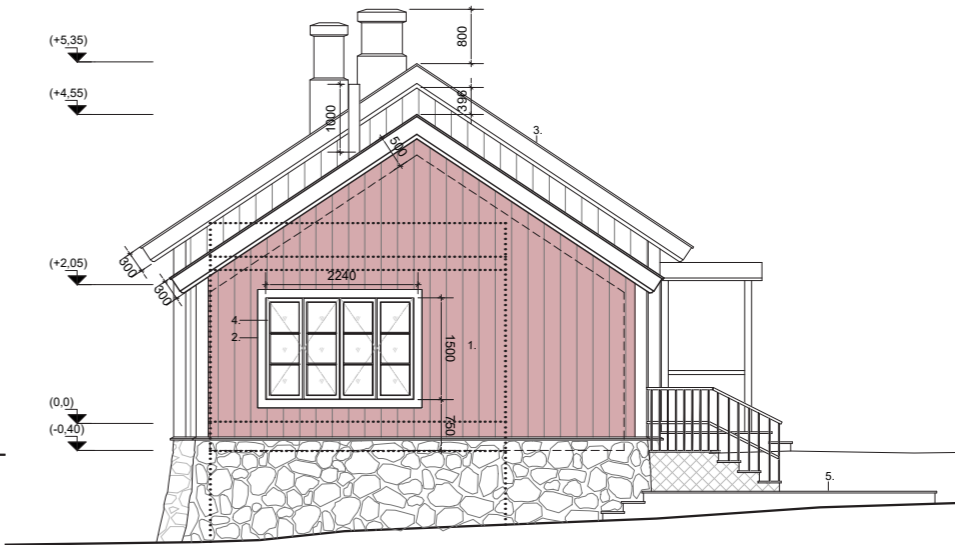
MUUTOS OLEMASSA OLEVAAN: KEITTIÖN MUUTTAMINEN
 MAKIHUONEEKSI JA VARASTOKSI 12,5 k-m²/ (KEITTIÖ SIIRTYY UUTEEN
 LAAJENNUSOSAAN); KEITTIÖ VERANTA PURETAAN 8,0 k-m²/ LISÄKSI
 RAKENNETAAN UUSI LAAJENNUSOSA 42,5 k-m²/

KÄYTTÖTARKOITUKSEN MUUTOS VAPAA-AJAN ASUNNOSTA ASUINRAKENNUKSEKSI. ULKOSEINÄ (NK,
 LÄMMIN SEINÄ) LISÄERISTETÄÄN 50MM HUOKOLEVYLLÄ SISÄPUOLELTA. JULKISIVU SÄILYTETÄÄN
 ENNALLAAN (OSITTAIN ALKUPERÄINEN PYSTYLAUDOITUS). ALAPOHJAN JA YLÄPOHJAN ERISTYS
 VAIHDETAAN EKOVILLAAN, SEKÄ KASVATETAAN YLÄPUIJANA ERISTYSKERROSTA 20CM:LLÄ ULLAKKOLLA.
 IKKUNAT KORJATAAN JA TIIVISTETÄÄN SEKÄ LISÄTÄÄN RAITISILMAVENTTIILIT ULKOSEINIIN.

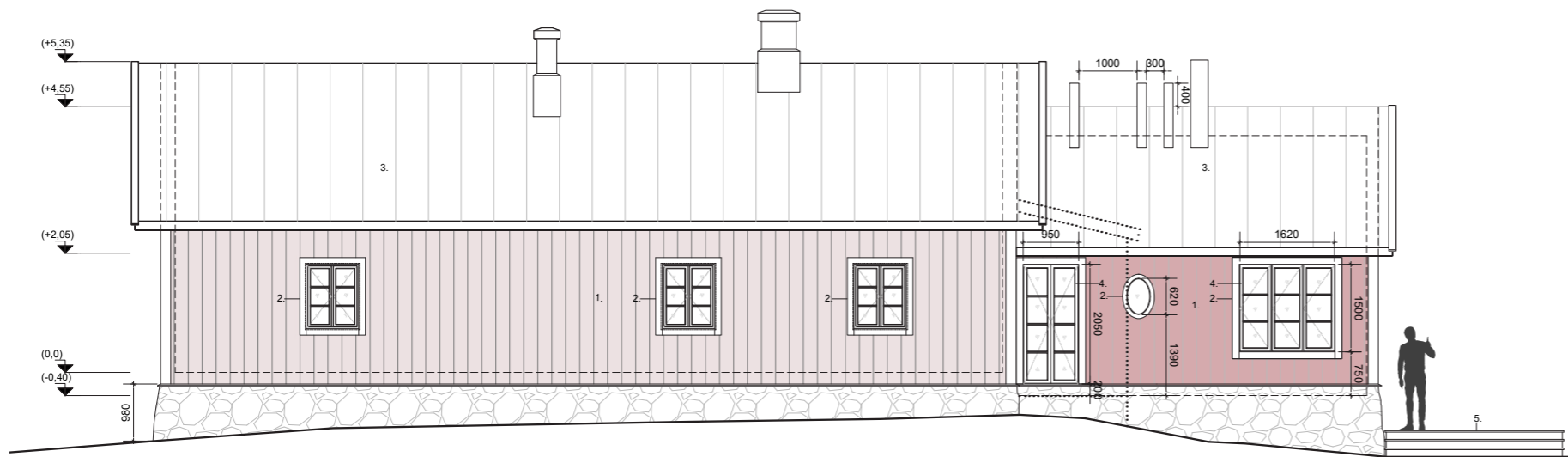




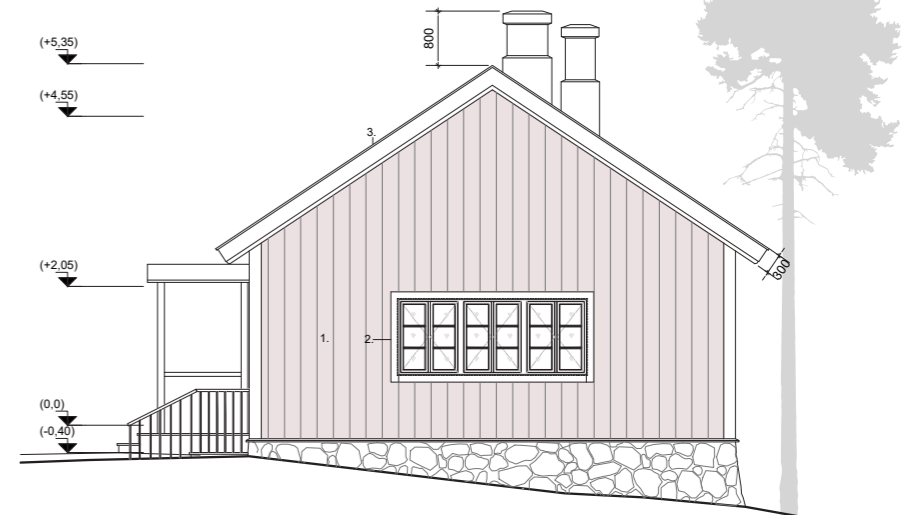
Julkisivu Lounas



Julkisivu Luode



Julkisivu Koillinen



Julkisivu Kaakko

Legenda

- Talon Laajentaminen
- Olemassa oleva talo
- Purku

MATERIAALI

1. Julkisivu, pystypaneeli, rimapaneeli, punamulta
2. Vuorilaudat ja nurkat, valkoinen maalattu lauta
3. Katto ja piippuosat, pelti, mustaksi maalattu
4. Ikkunat ja ovet, valkoiset, maalattu puu
5. Sokkeli, luonnonkivi



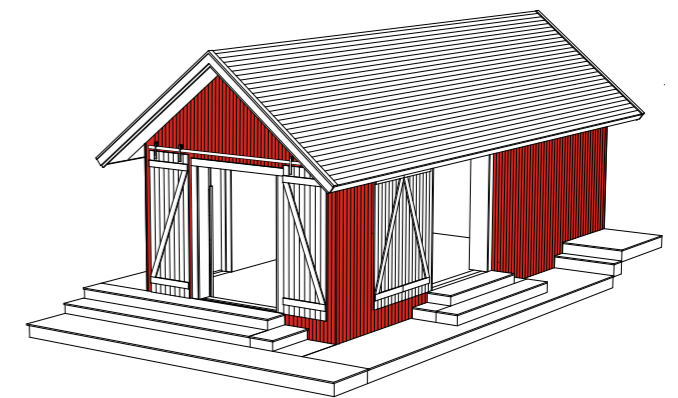
BOATHOUSE | MAP Arkkitehtitoimisto

information

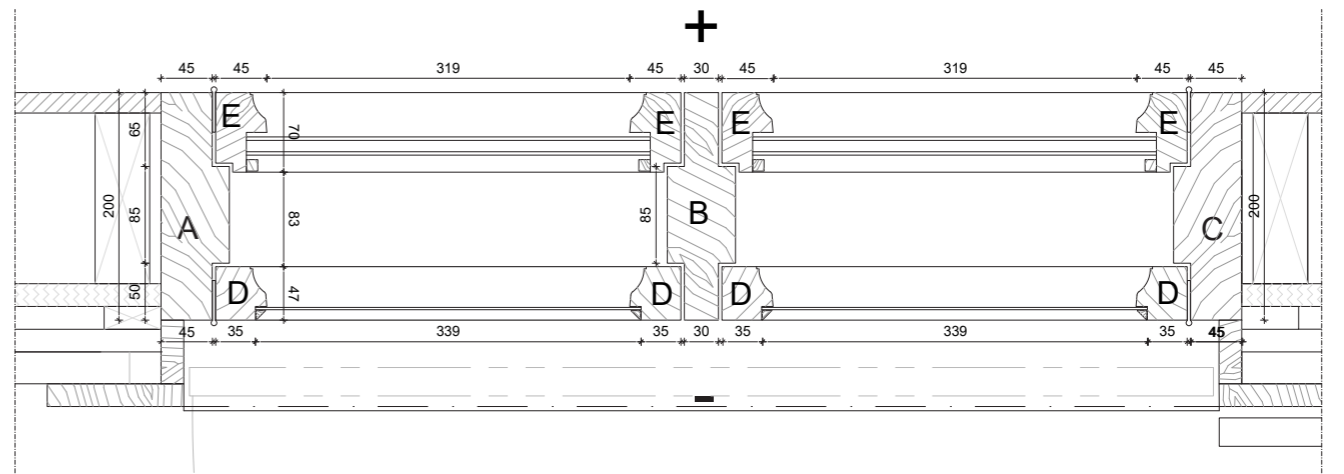
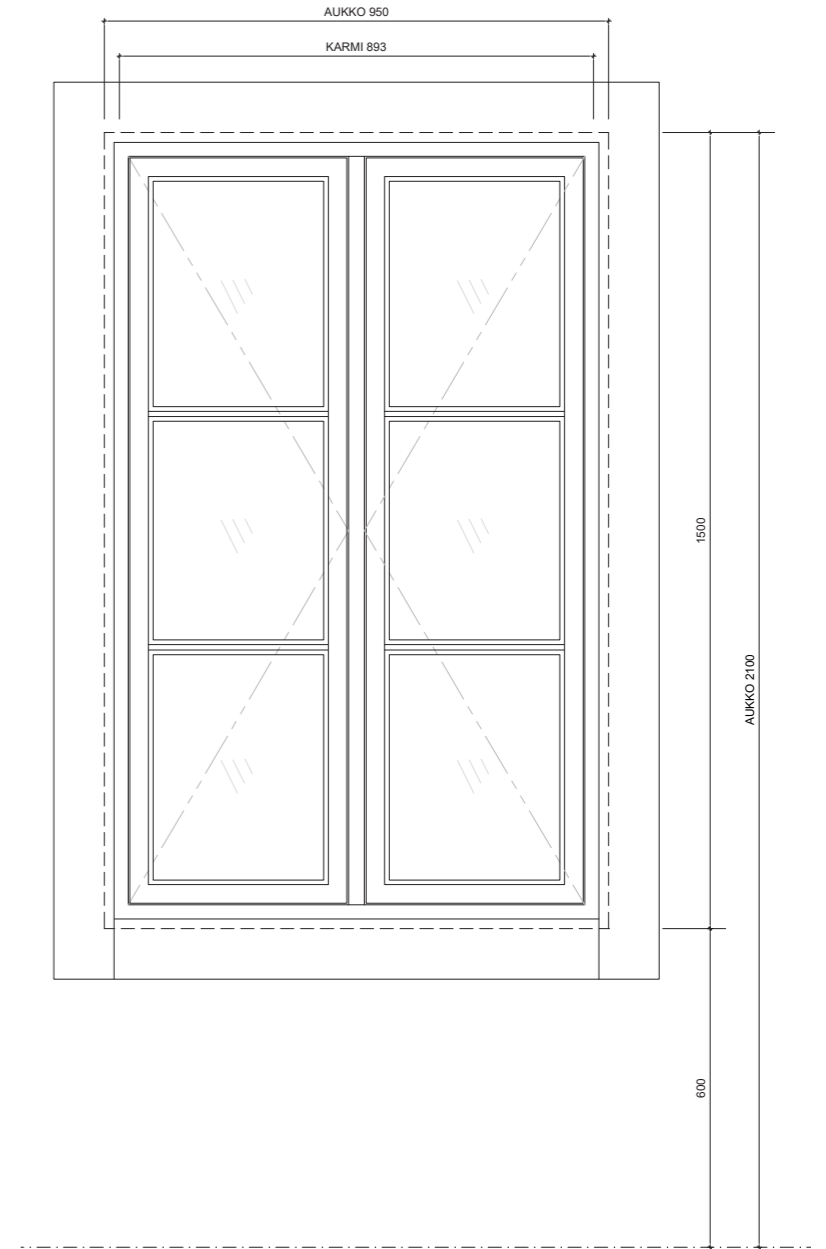
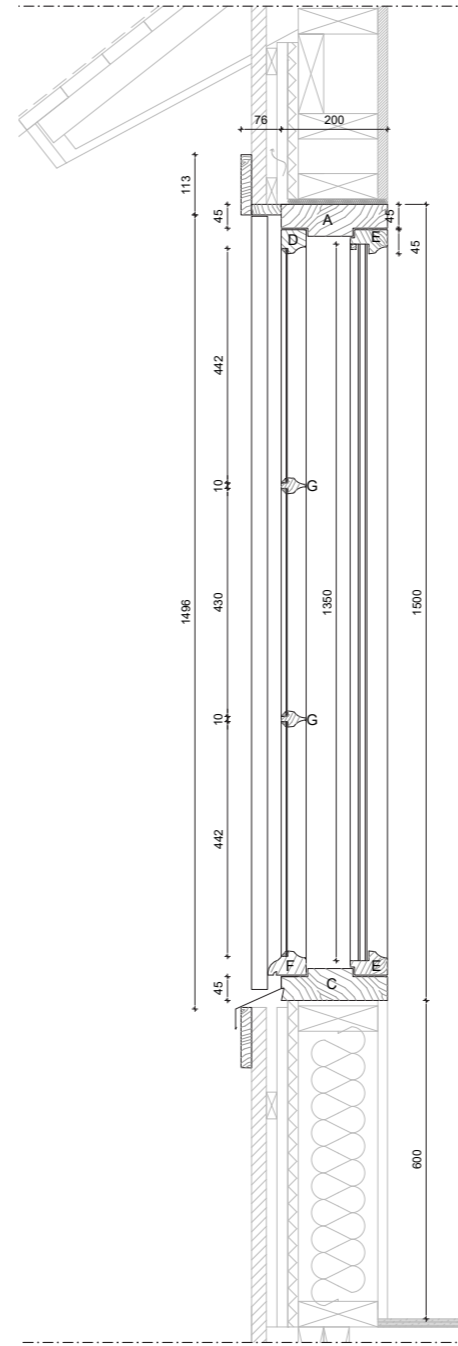
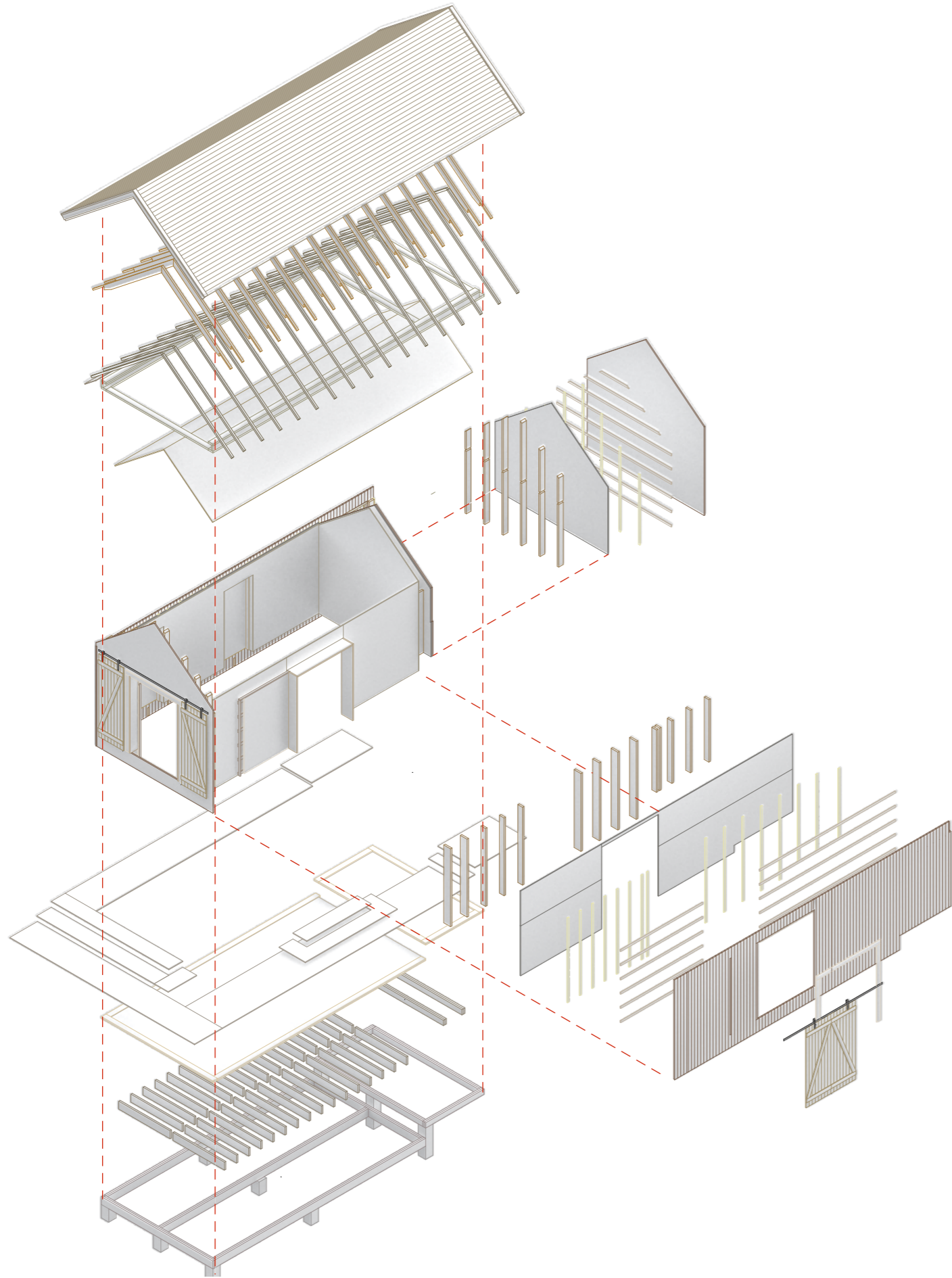
Project: Interior design
Location: Limpgrundén, Finland
Client: Private client
Role: Detail, design
year/status: Completed 2021

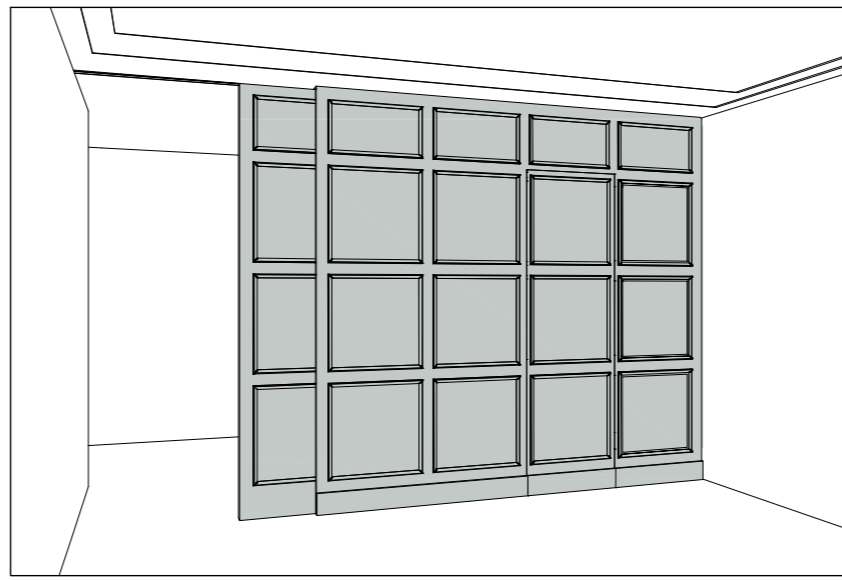
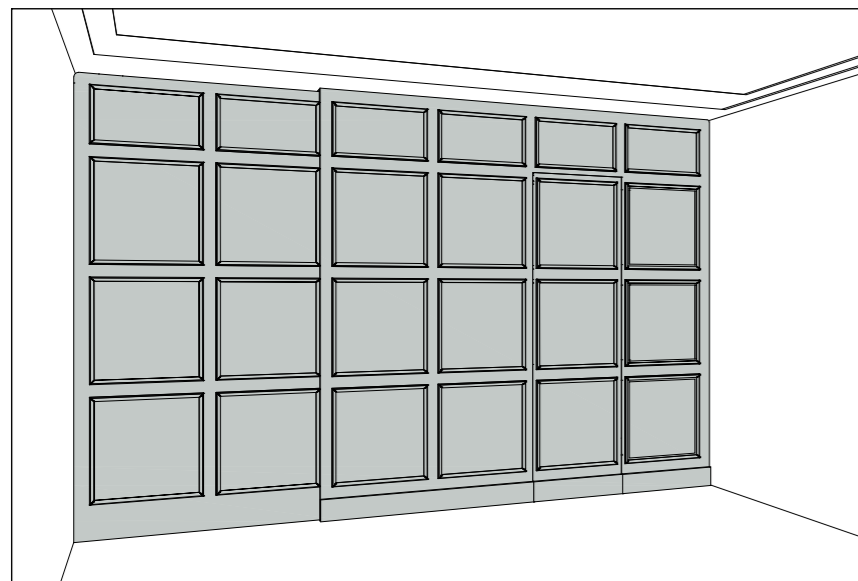
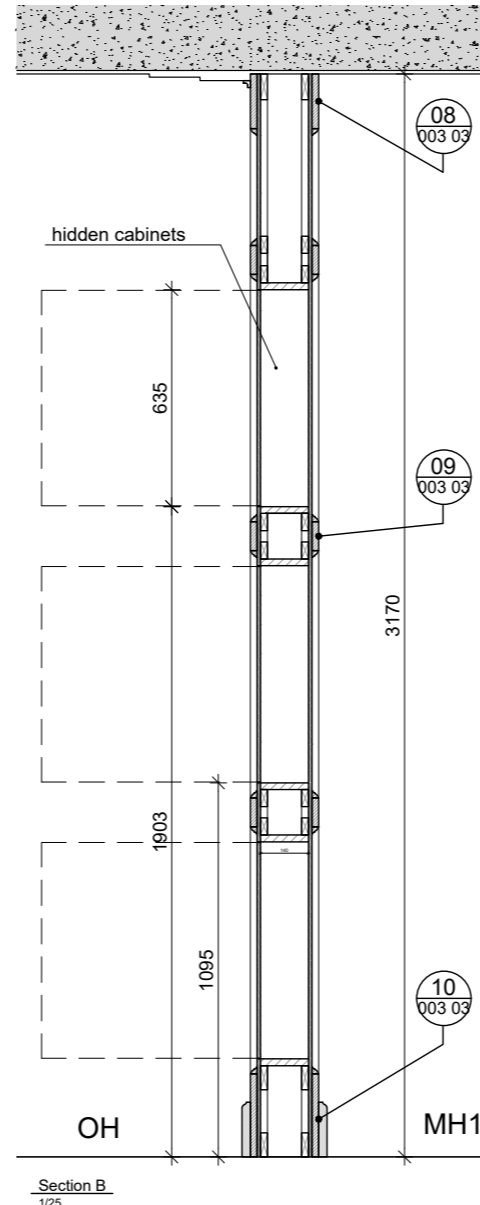
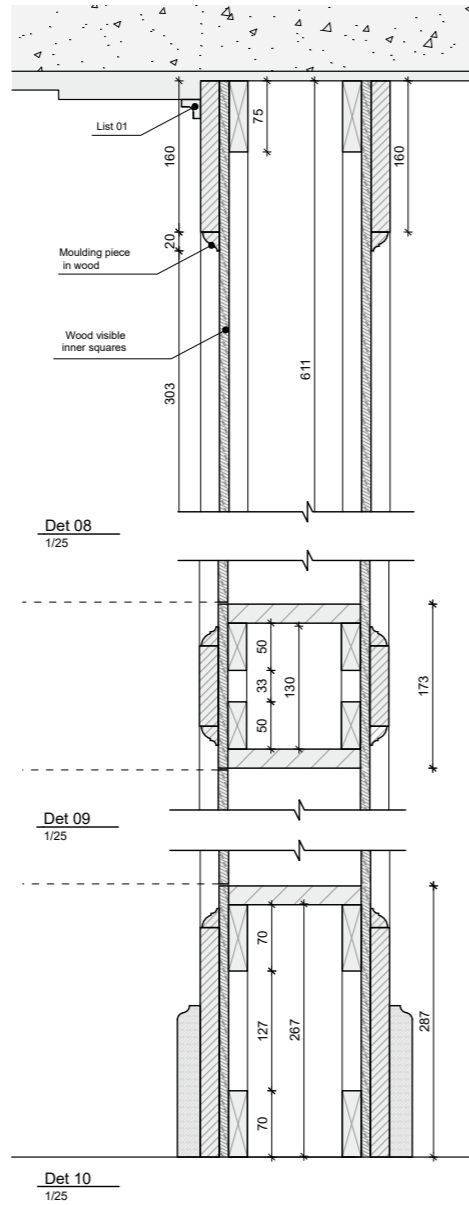
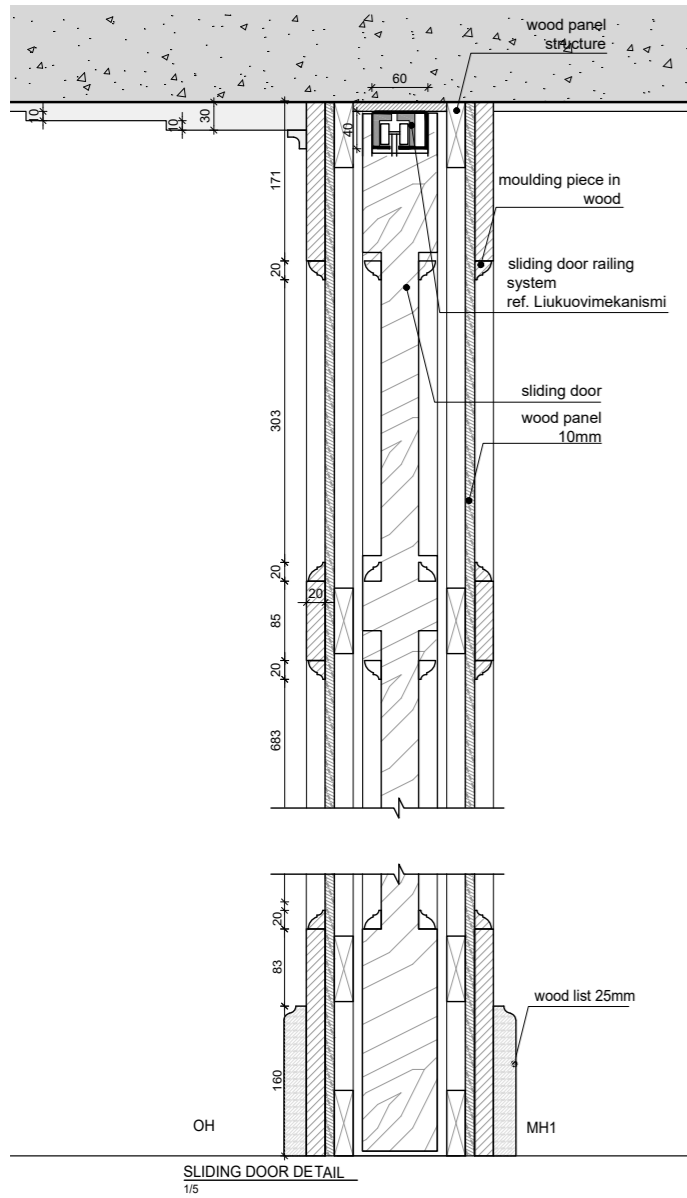
description

The 32m² wooden light frame living space project in an island was inspired by traditional boathouses in the area. The project was designed to provide a comfortable and functional living space during the summer months. The use of wooden light frame construction ensures that the building is sustainable and minimizes its impact on the environment. My participation in the project included the design and visualizations of the living space. The project showcases the versatility of wooden light frame construction in creating functional and sustainable spaces in remote and picturesque locations.



axonometric | constructive elements





RUDA | MAP Arkkitehtitoimisto

information

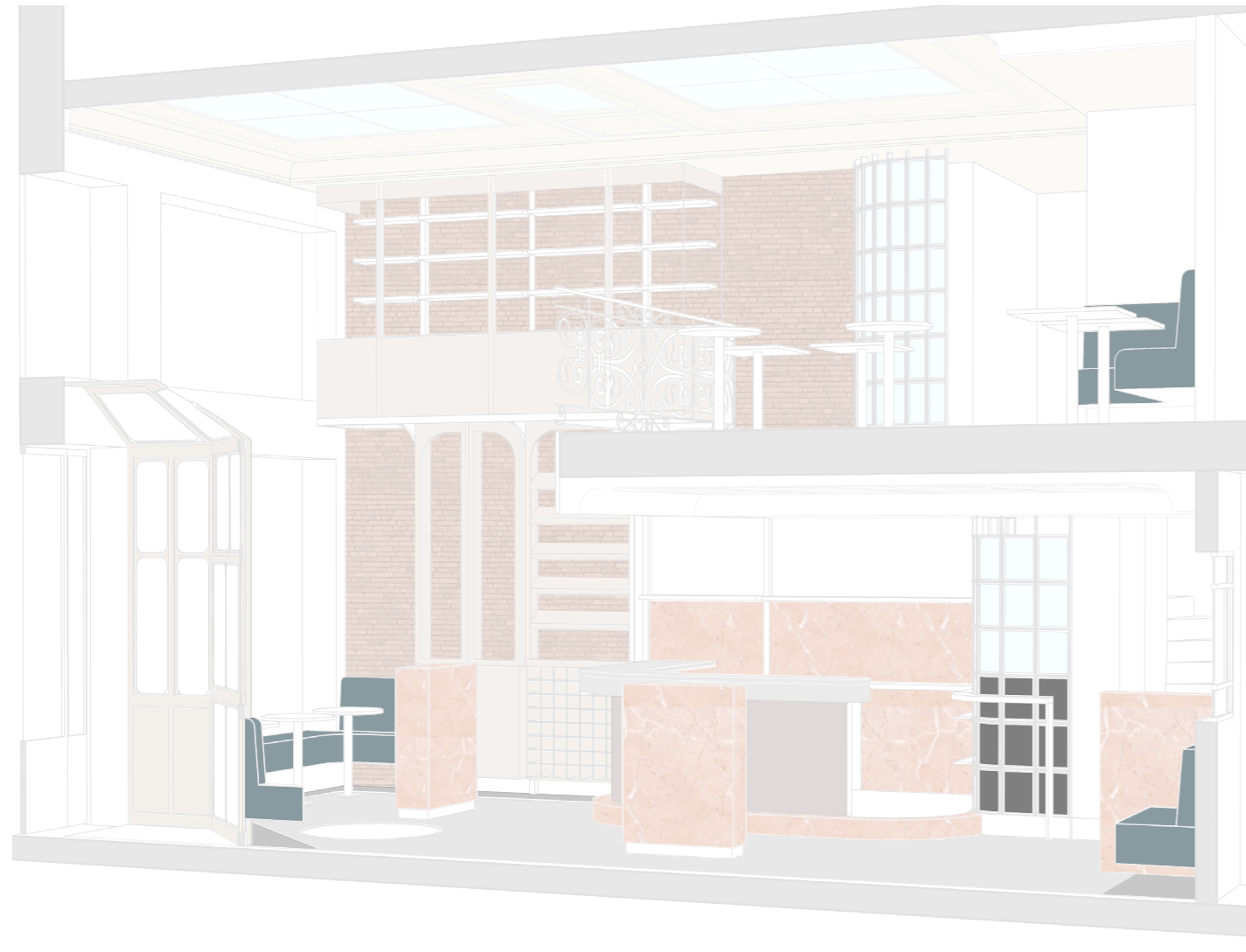
Project: Interior division wall
 Location: Helsinki, Finland
 Client: Anders Rotkirch
 Role: Design, detail drawings
 year/status: 2019

description

Design and build furniture for an apartment in Punavuori with a wood panel wall that separates the dining room and bedroom, but with the option to slide open and combine spaces. The challenge was to incorporate invisible doors and hidden cabinets seamlessly. I worked meticulously on the detailing to ensure the finishes were seamless and functional, without compromising on aesthetics.



Photos: Daniela Alatorre



information

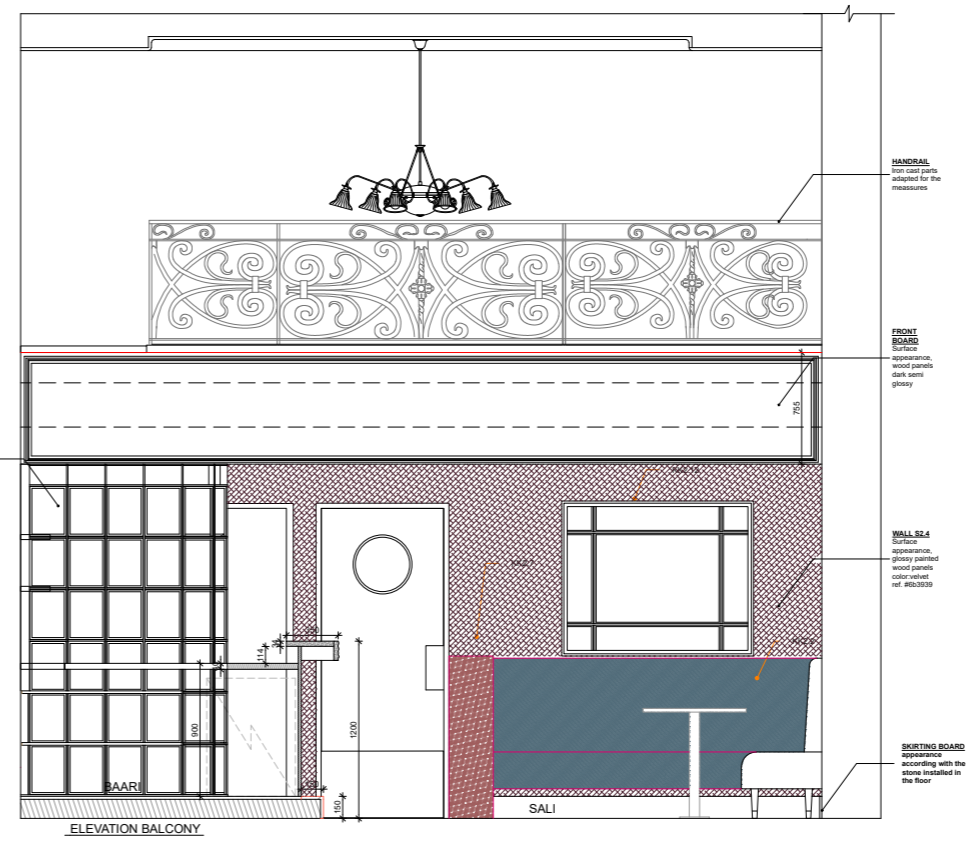
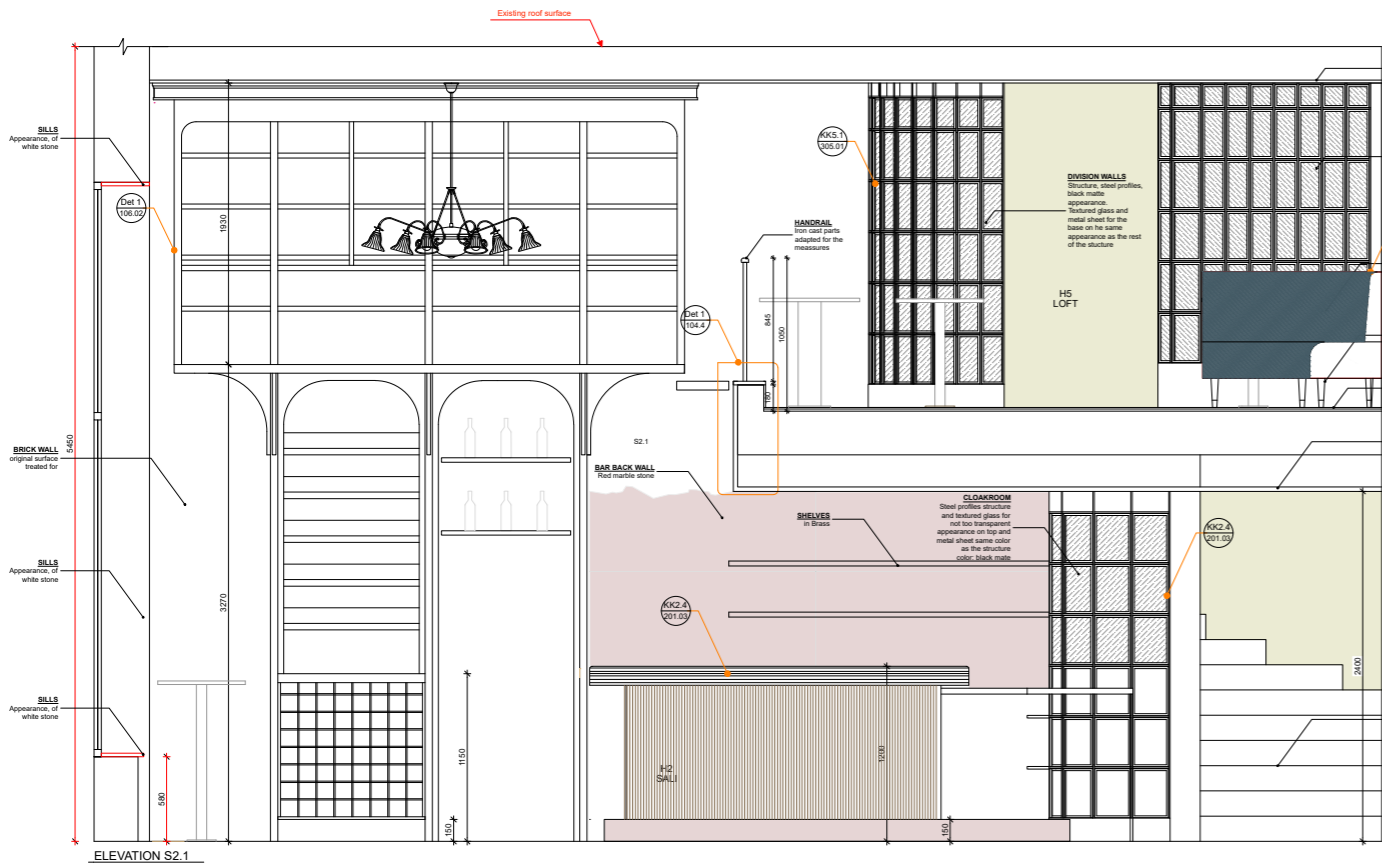
Project: Restaurant interior
Location: Helsinki, Finland
Client: Niklas Engblom
Role: design and working drawings
year/status: 2021

description

The Mauritz interior design project involved transforming a Munkkiniemi commercial local, into a wine bistro of 45m². We started by designing a wooden entrance that created a warm and welcoming atmosphere. The highlight was a central chandelier that added grandeur to the double-height main space. Carefully selected colors to create a sophisticated yet vibrant ambiance. We worked closely with the client to ensure the design captured their vision while meeting the restaurant's functional requirements. The end result was a stunning interior that enhanced the customer experience.



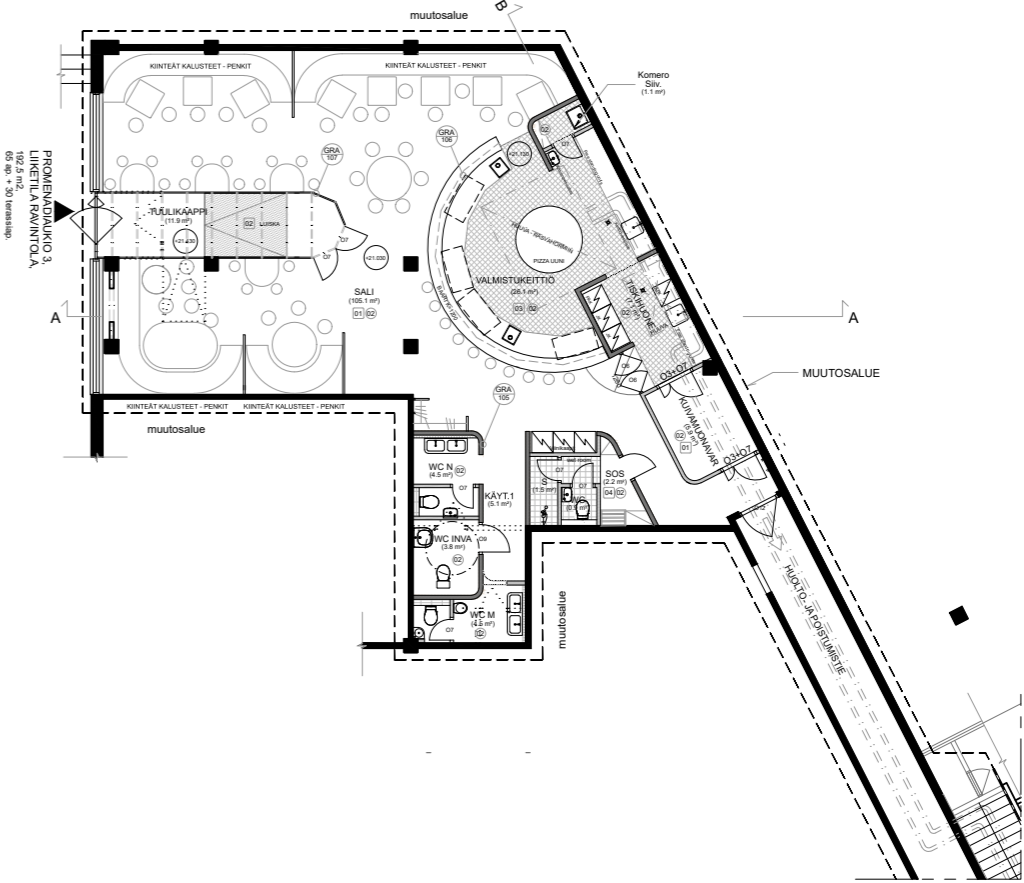
Photos: Daniela Alatorre



Photos: Daniela Alatorre



Photo: Daniela Alatorre



GUIDOS | MAP Arkkitehtitoimisto

information

task: house
 location: Sippo, Finland
 client: Gustav
 role: design and construction team
 year/status: on going

description

The interior project for Guido's pizza restaurant in Kauniainen was aimed at creating a special atmosphere. We sourced appliances, materials, and furniture from Italy, and Spain, among other places to bring authenticity to the design. Some features were a glass and steel entrance corridor, a cement floor space, thermo-treated bricks to add character to the walls. The end result was an inviting interior.



Photos: Daniela Alatorre



Photos: Tiago Tardin

CRAB

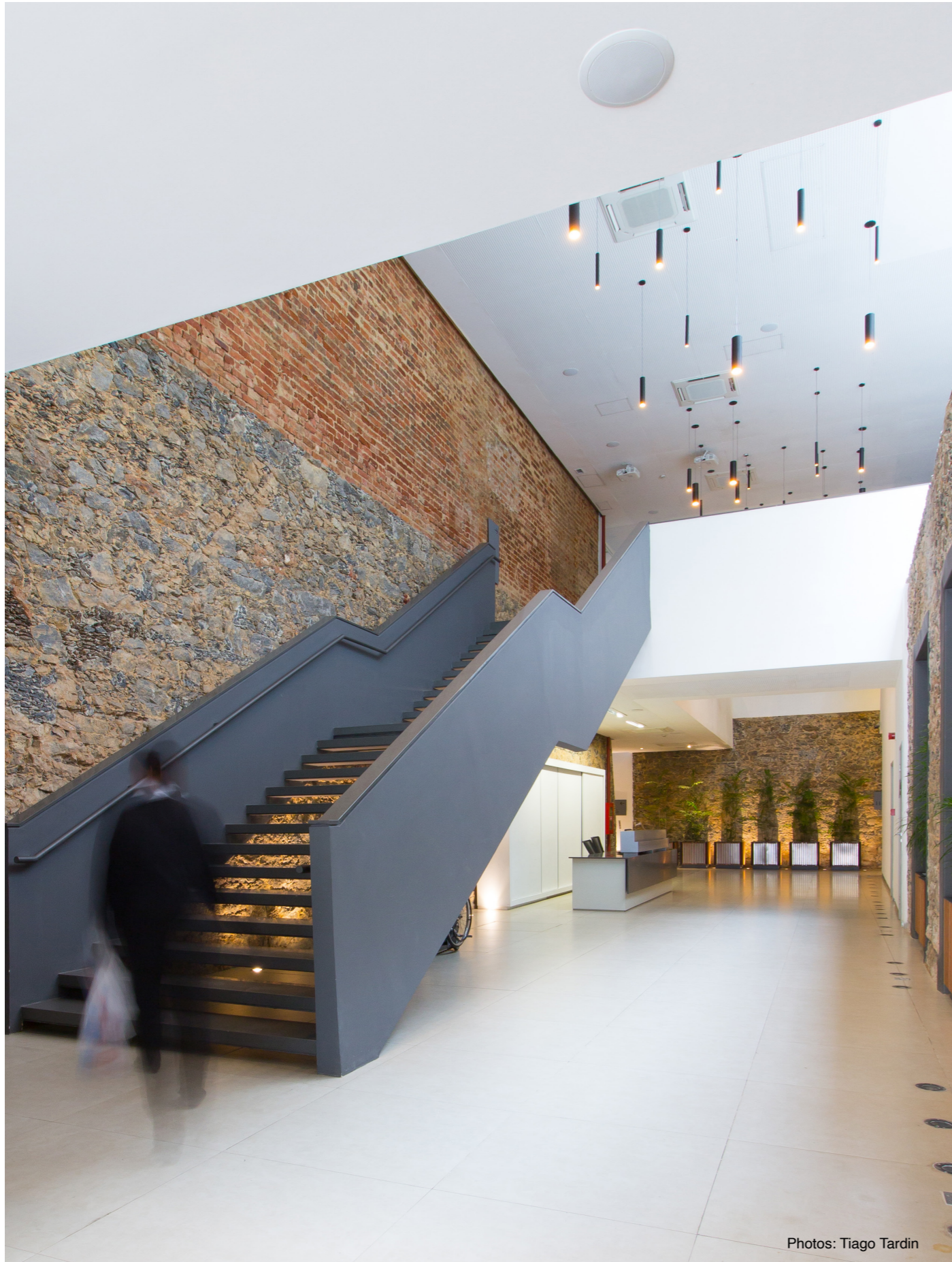
Reference Center of Brazilian Artcrafts | M&T Arquitetura

information

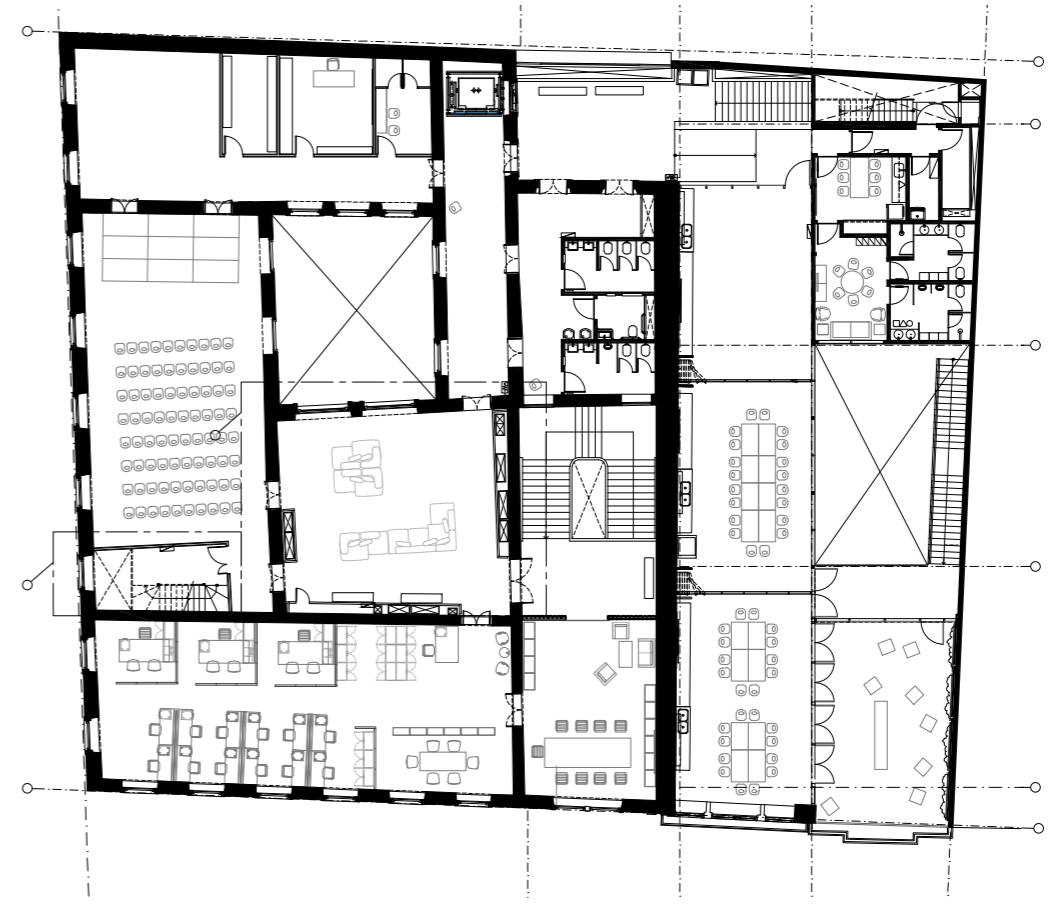
Project: Restoration and Retrofit for Cultural Artcrafts Centre
Location: Rio de Janeiro, Brazil
Client: SEBRAE
Role: Design team, working drawings
Year/status: 2015

description

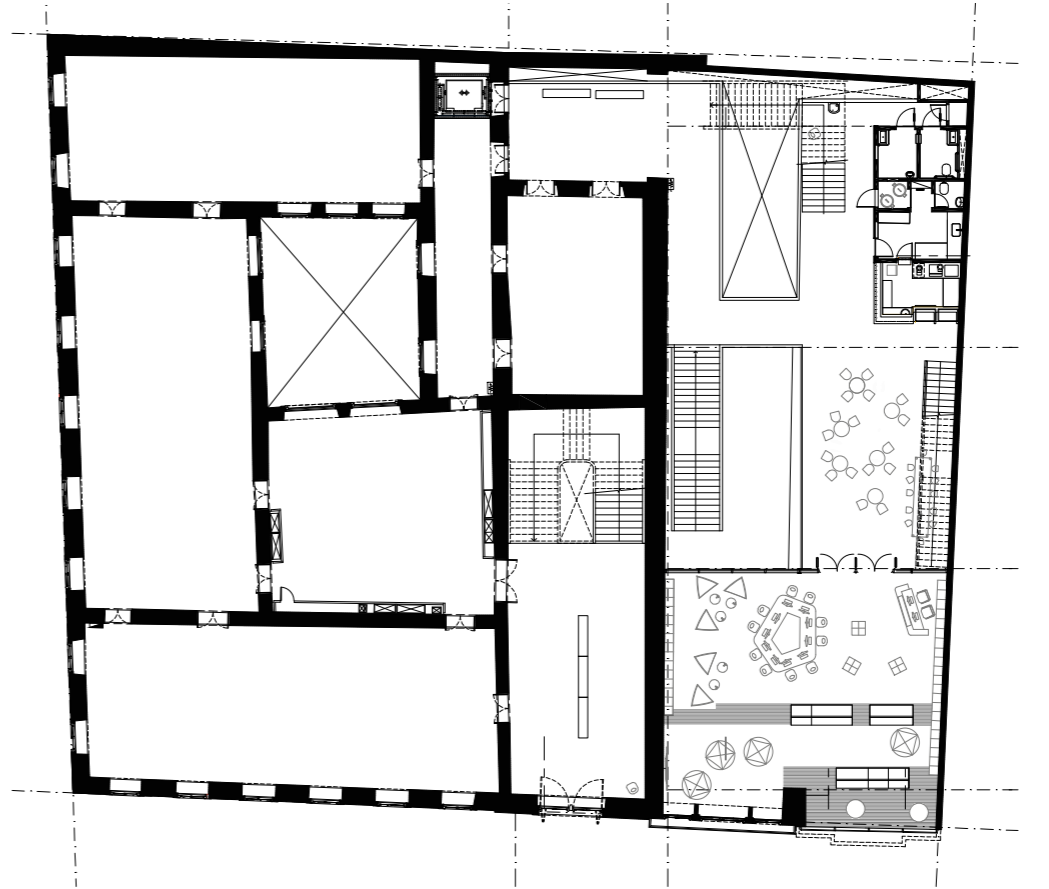
The restoration and re-qualification project of three historic buildings in Rio de Janeiro aimed at creating an anchoring place in the region, promoting commerce and leisure for handicrafts. The "Centro Sebrae de Referência do Artesanato Brasileiro" (CRAB) was developed with a cultural program that included a museum, workshop facilities, restaurant, media library, and art crafts shop. I was involved in working on the interior design's working drawings. The end result was a stunning interior that attracted visitors, boosted commerce



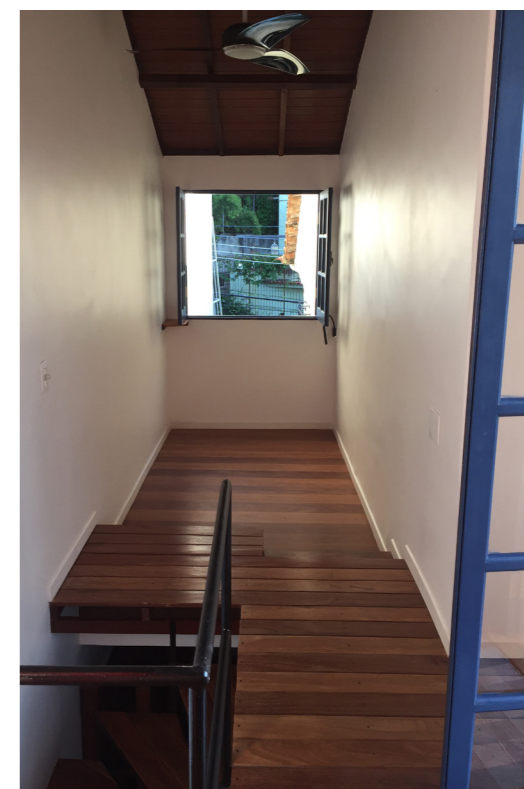
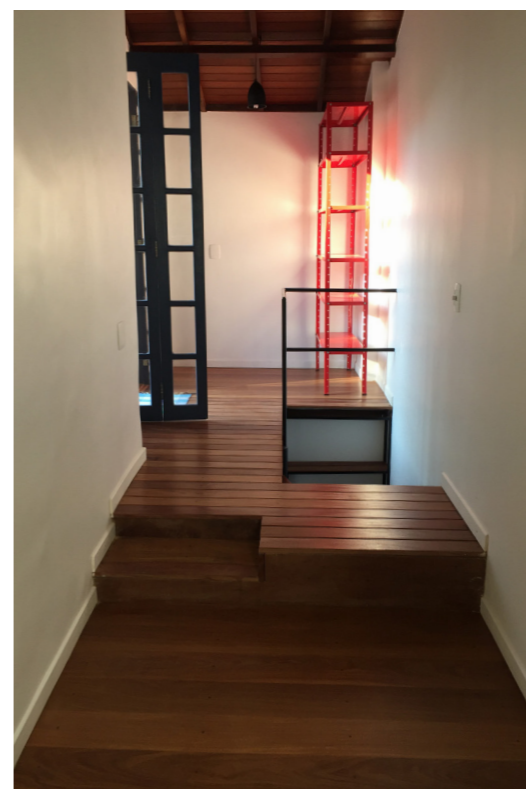
Photos: Tiago Tardin



2nd floor



1st floor



TINY APARTMENT | Cooperarq

information

Project: Small Apartment
Location: Rio de Janeiro, Brazil
Client: Rita Scheel-Ybert
Role: Design and execution
Year/status: 2018

description

The project involves designing and constructing a small apartment in a historic neighborhood in Rio de Janeiro on the current warehouse at the back of the house. Macaranduba wood is used as the primary material for flooring, roof, stair, and shelves. The stair and shelf seamlessly blend with the floor and bed, utilizing the entire tiny space to create a functional living area with an aesthetic appeal.



TRANSOLIMPICA | M&T Arquitetura

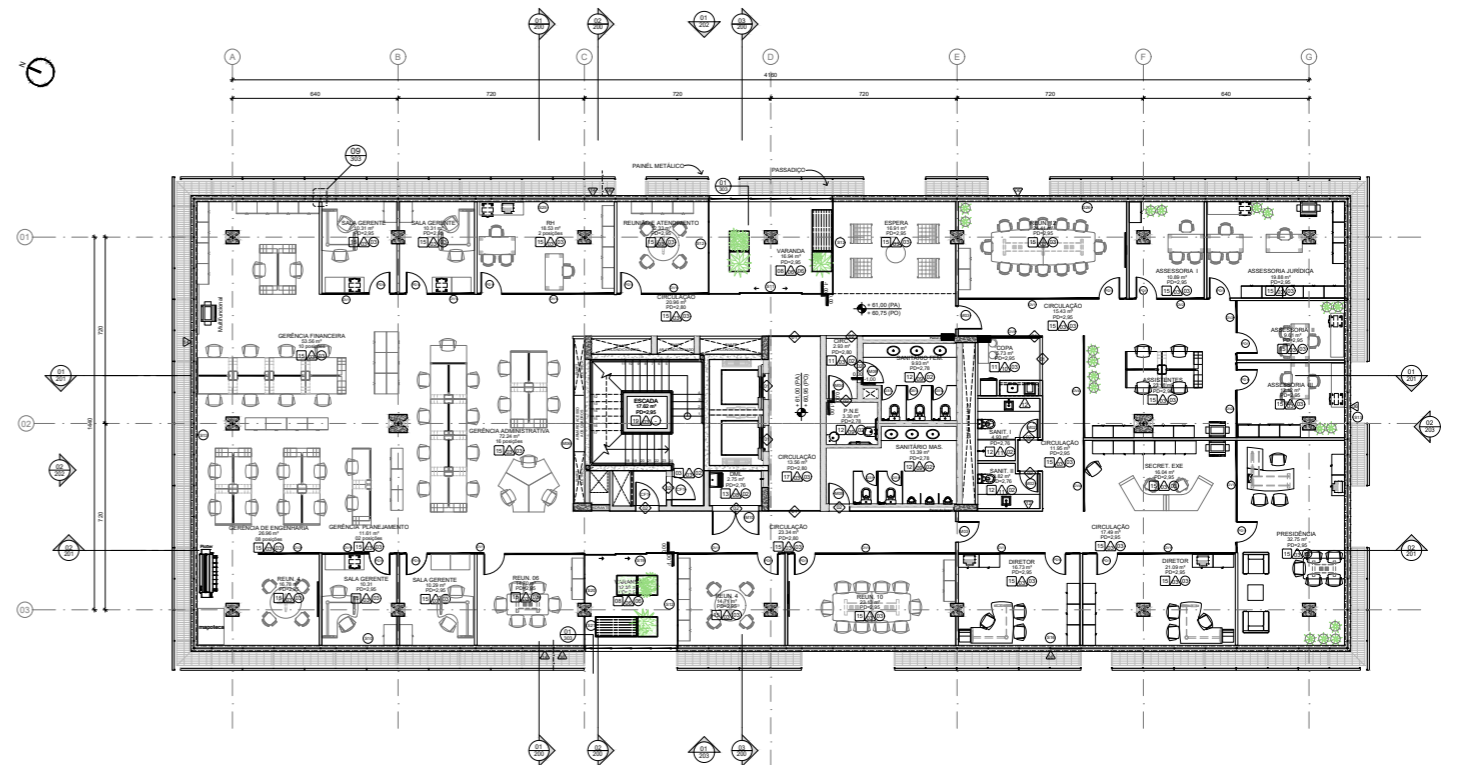
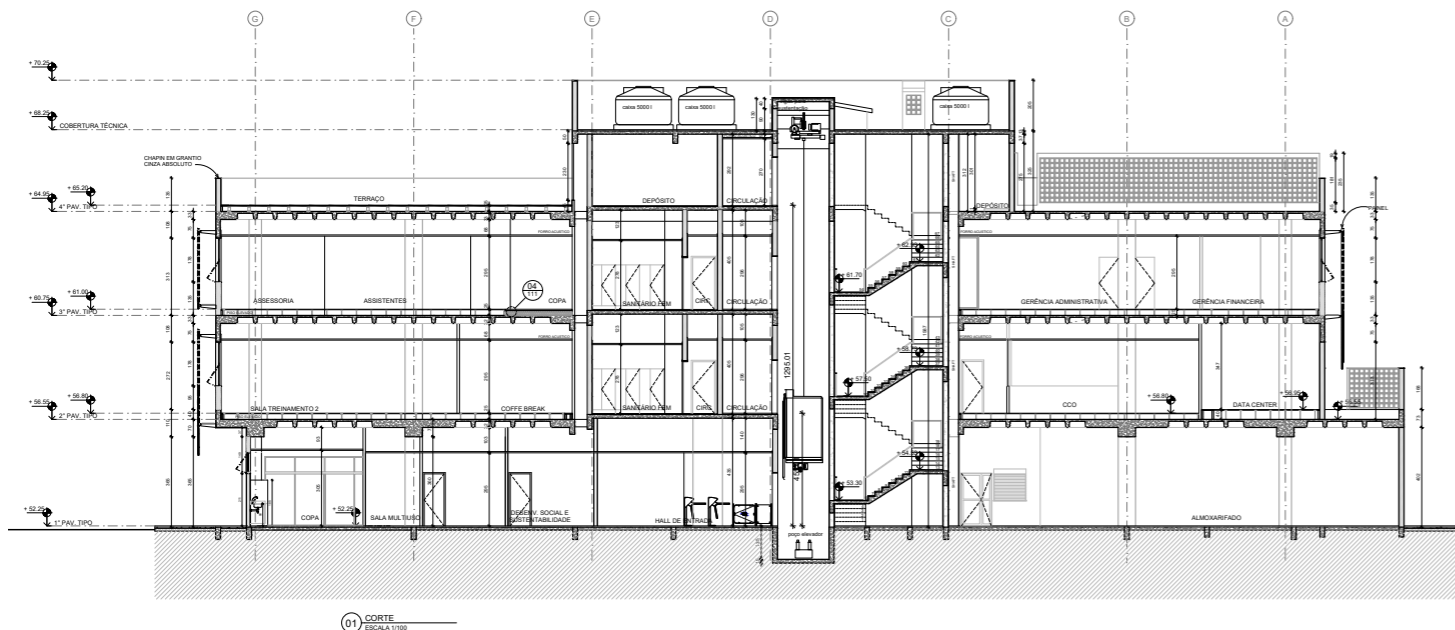
information

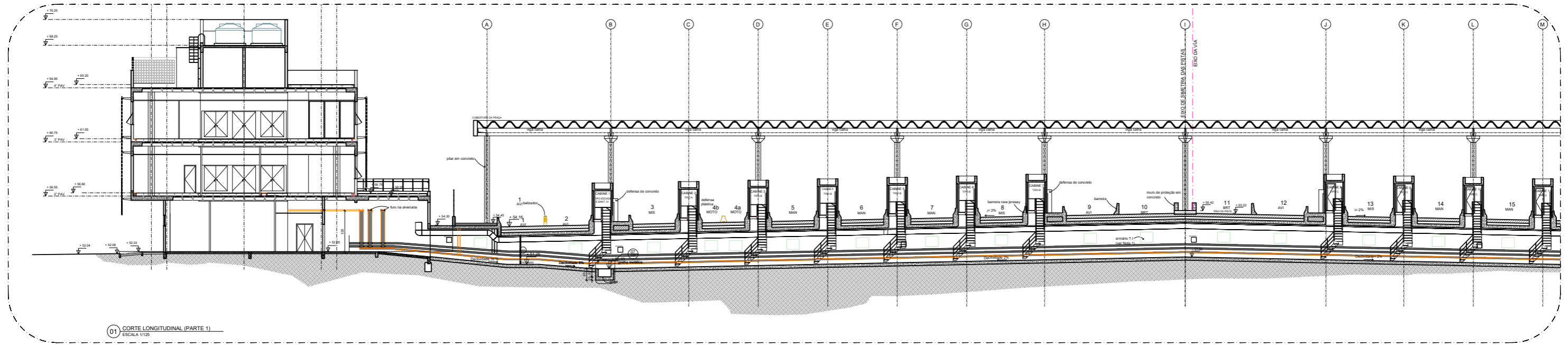
Project: Transport infrastructure
 Location: Rio de Janeiro, Brazil
 Client: ViaRio
 Role: Coordinating, design
 Year/status: 2012-2016

description

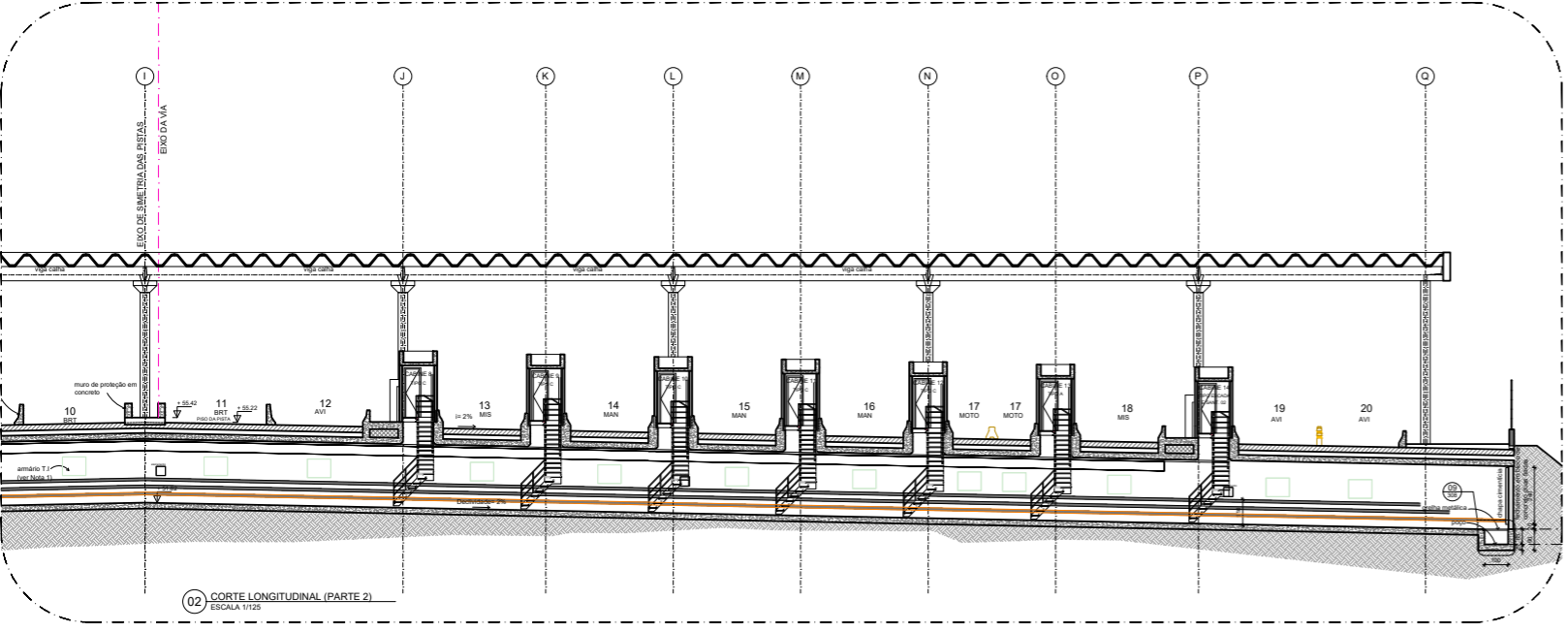
The ViaRio project was a major infrastructure undertaking in the context of the Olympics in Rio de Janeiro. It included the Toll Plaza, 2 Operational Bases for the SAUs, the Highway Police Station, and the Administrative Headquarters, ViaRio also operates from a building that houses the company's corporate structure and the Operational Control Center (CCO) to ensure maximum

safety for users. As the coordinator of the design team, my role involved overseeing the coordination of complementary engineering projects to ensure seamless integration. The project was technically complex and presented several challenges, but we succeeded in creating a state-of-the-art toll system with 14 lanes for vehicles in each direction, including manual, automatic, and mixed, exclusive for motorcycles and BRT.

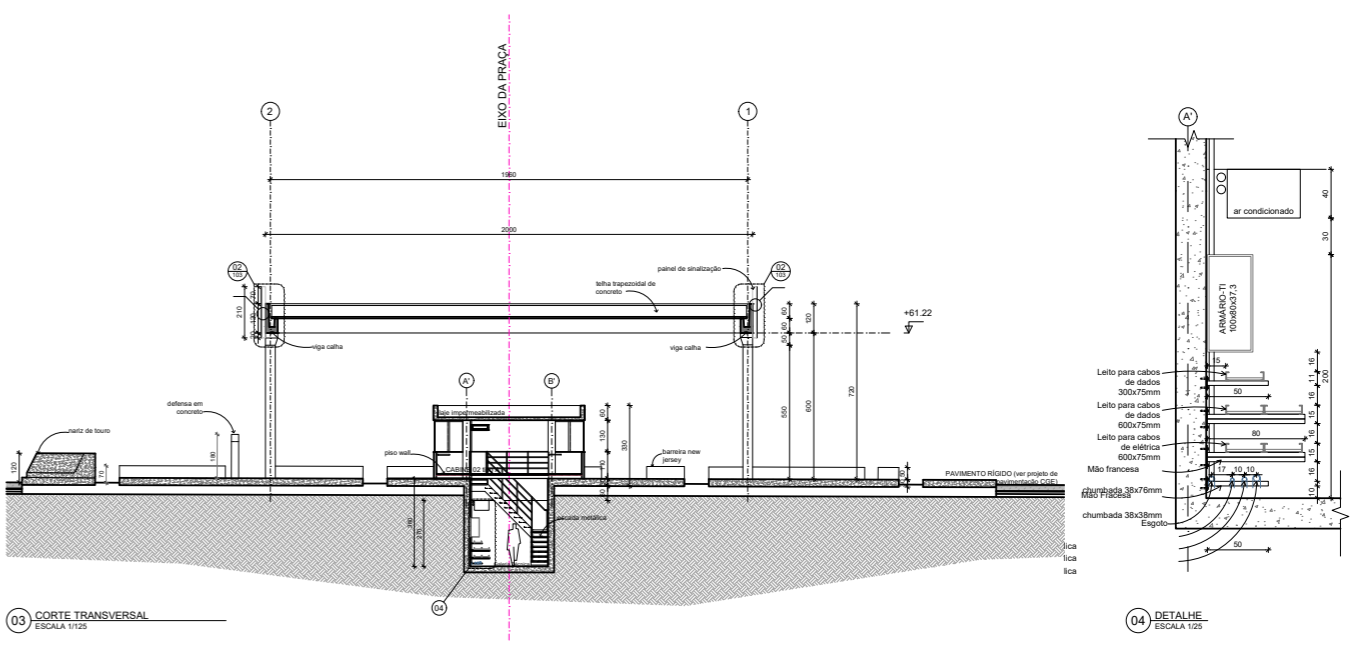




01 CORTE LONGITUDINAL (PARTE 1)
ESCALA 1/125



02 CORTE LONGITUDINAL (PARTE 2)
ESCALA 1/125



03 CORTE TRANSVERSAL
ESCALA 1/125

04 DETALHE
ESCALA 1/25

DEL CASTILHO / NOVA AMÉRICA METRO STATION | M&T Arquitetura

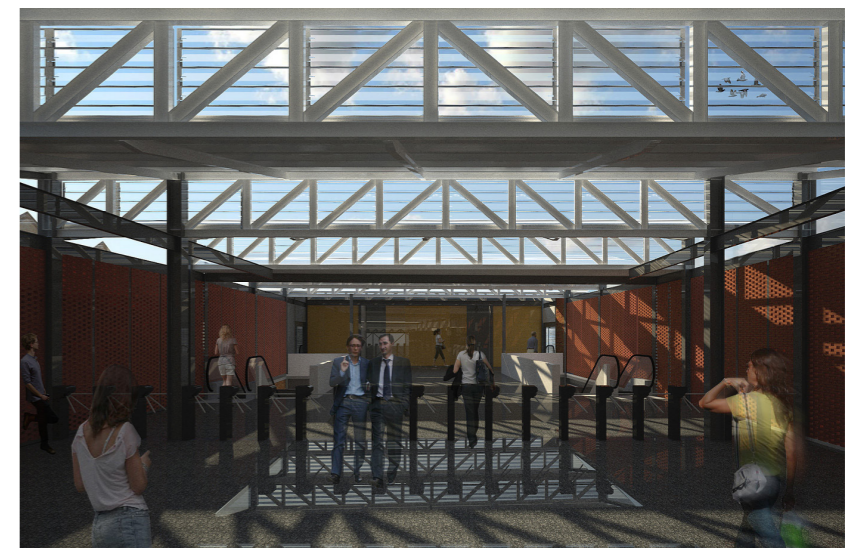
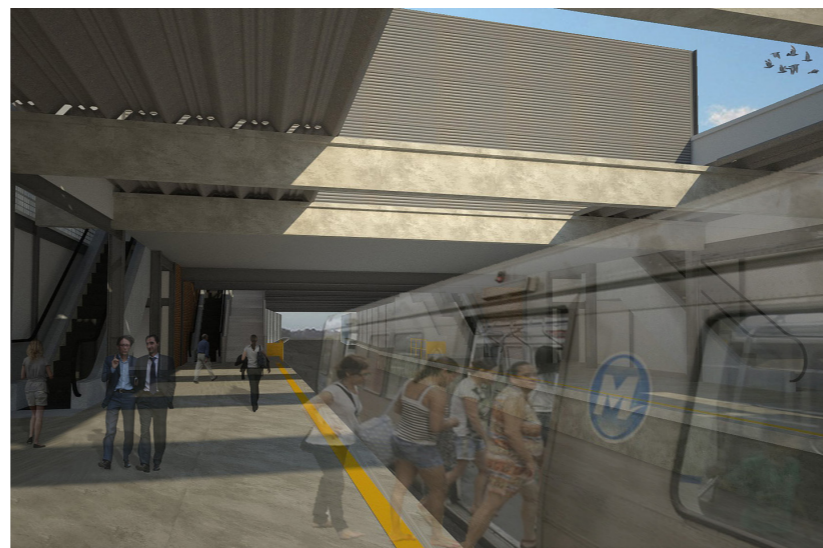
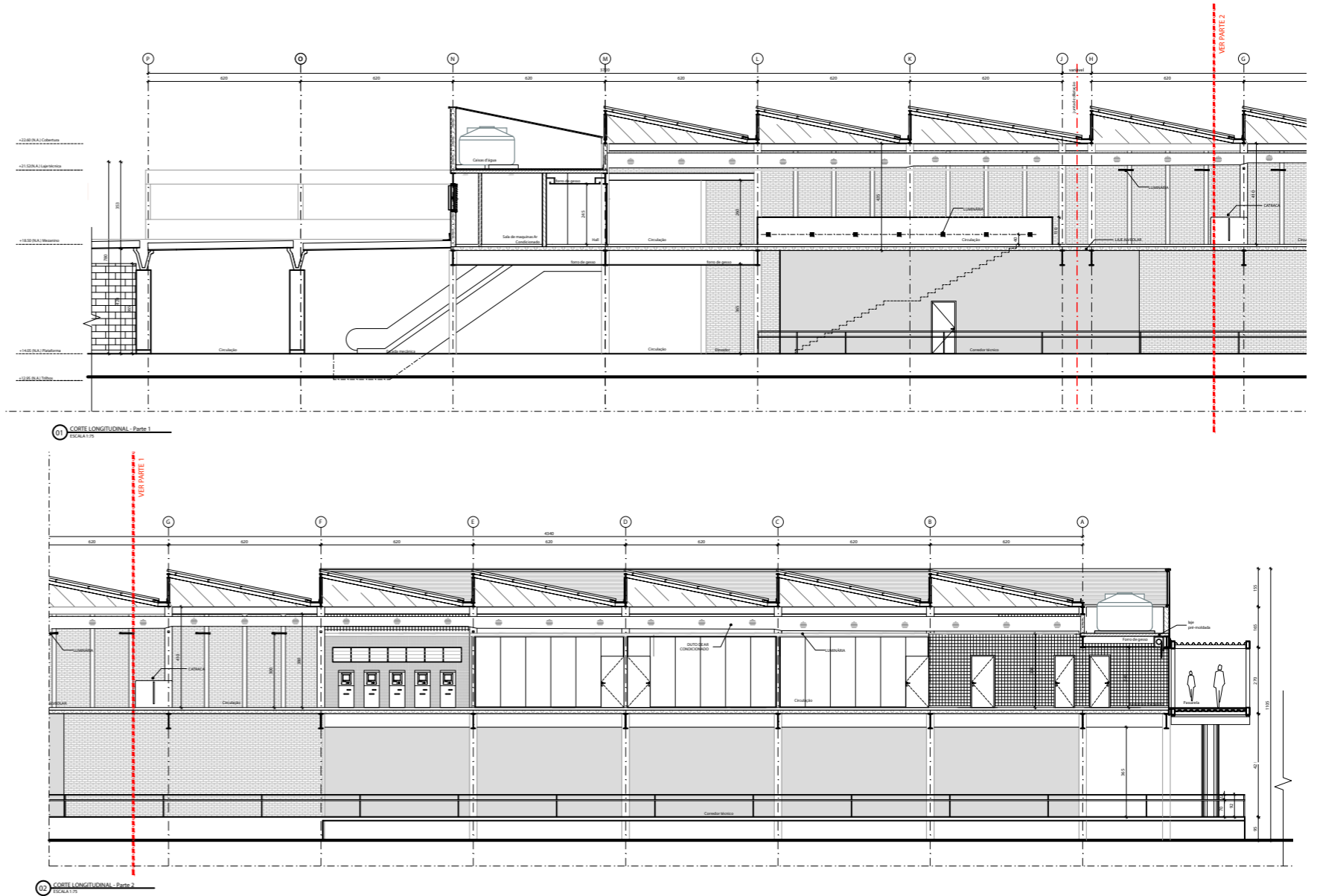
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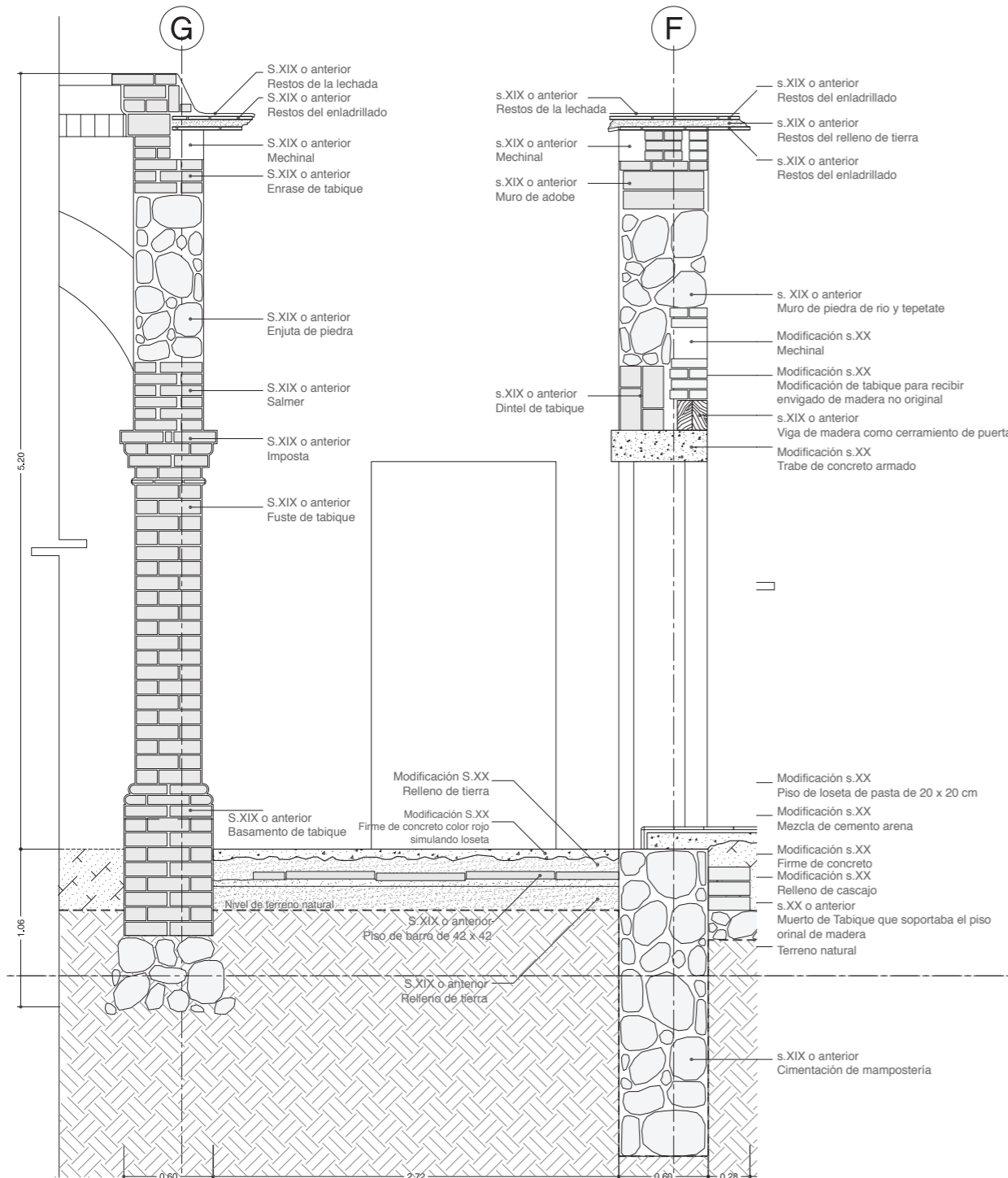
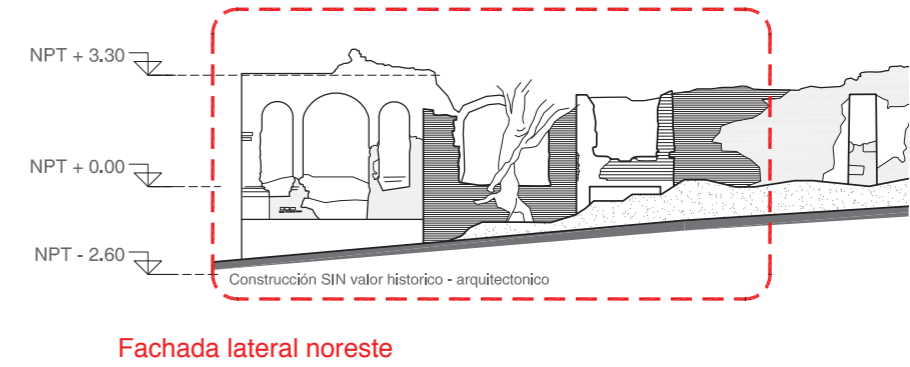
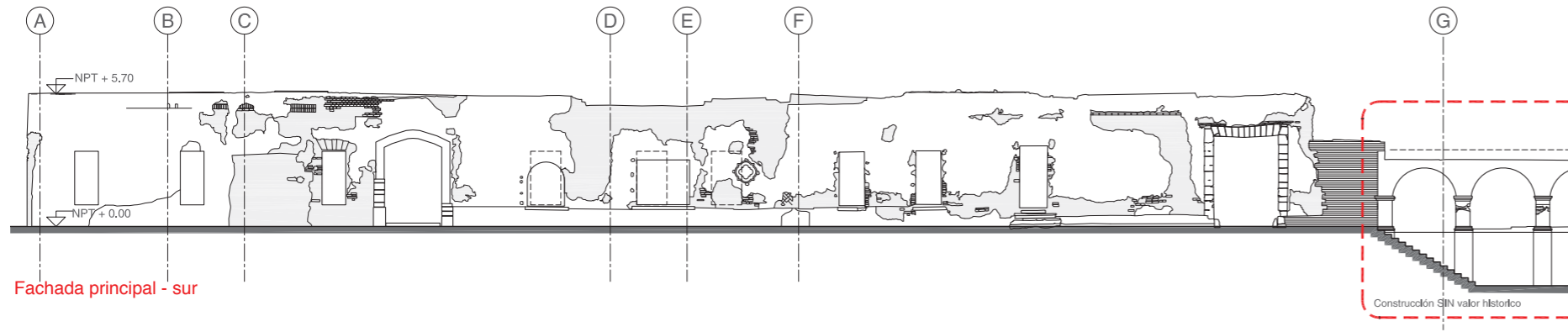
Project: Design of the new mezzanine of Metro station
 Location: Rio de Janeiro, Brazil
 Client: Metro Rio
 Role: Team leader of design group and executive project
 year/status: 2017

description

The renovation and construction project at the Del Castilho / Nova América station of Metrô Rio presented a significant challenge due to the station's continued operation. Our team worked closely with the client to study mobility and dynamics at the station to ensure minimum disruption to users. We developed technical documents and plans for the construction of a new

mezzanine and access walkway to the mall, ensuring they met all safety and accessibility standards. As the project coordinator, my role involved overseeing the planning, design, and construction stages to ensure the project was executed smoothly and on time. The end result was a new mezzanine and access walkway that improved accessibility and flow at the station, creating a more comfortable and user-friendly experience for passengers.





EX-HACIENDA “LA CAÑANDA” CULTURAL CENTER | Tatiana Bilbao

information

task: Restoration and project for Environmental Centre.
location: Mexico City, Mexico
client: City Hall
role: Design team
status: 2009

description

As part of the recovery efforts for the Magdalena River, our team worked on a landscape masterplan that included an Executive project for an environmental center at the boundary between the urban and natural areas. We experimented with earth construction techniques and rehabilitated a historic building

on the site. My role in the project involved historical research, documentation, and a building survey to assure the preservation of the building's cultural significance. The center was designed to be an educational and cultural hub for the community, promoting environmental awareness and sustainability practices.

URBAN DEVELOPMENT ANGANGUEO | Tatiana Bilbao

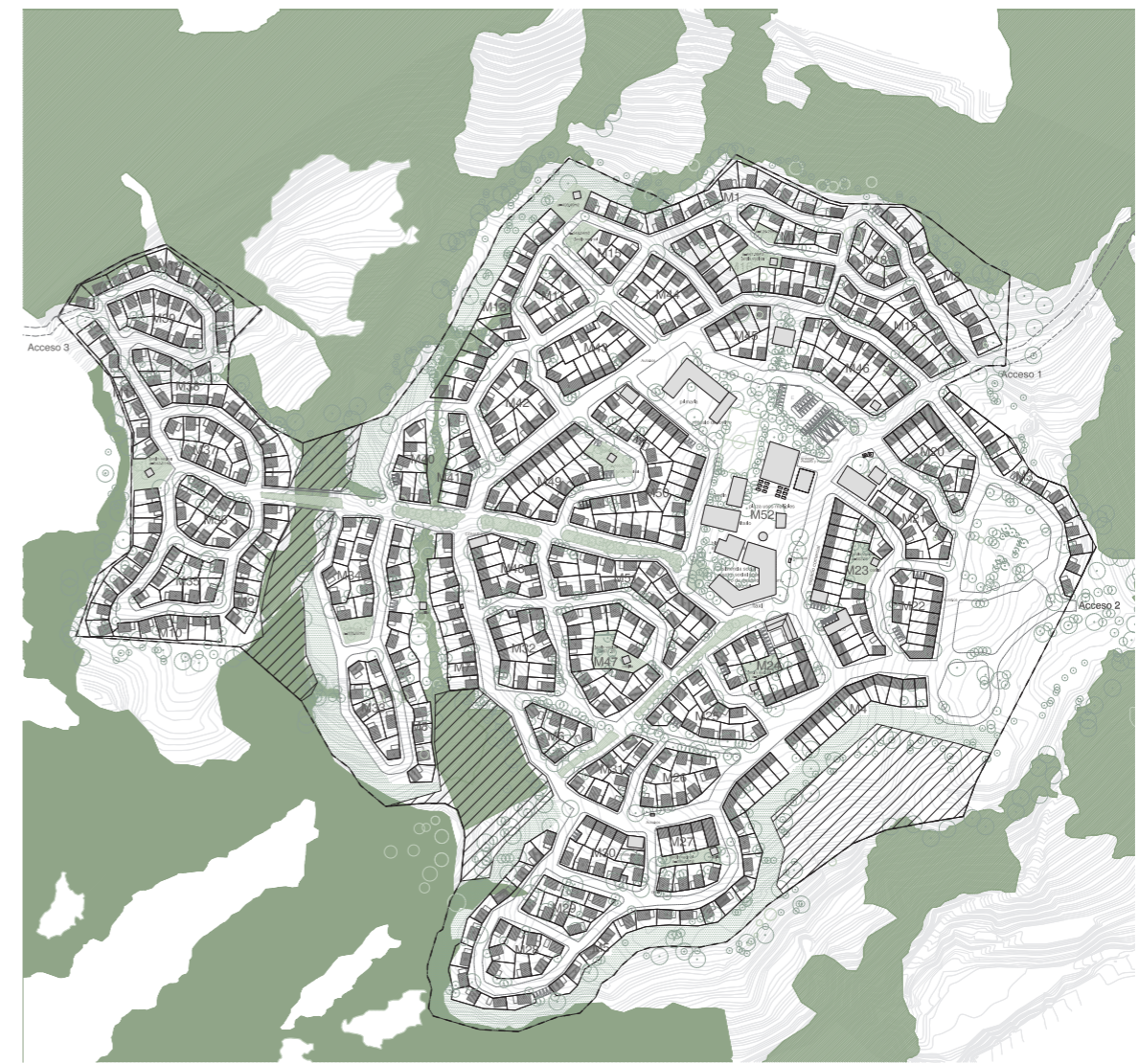
information

task: urban design
location: Michoacan, Mexico
client: Michoacan Government
role: research, architecture design team
and planning
status: 2010

description

Angangueo was a city destroyed by heavy floods and erosion in 2010, leading to the evacuation of its residents. A new city was developed in a high plateau for the relocation of 586 families, incorporating the existing structure of the site. The new urban development included a sub-center

and 11 neighborhood centers and aimed to re-conquer the public space of streets for pedestrians. Three green fingers integrated flora and fauna into the urban development, creating an autonomic and interactive living urban structure, from a social housing subdivision to an organism for daily life and personal development.



practice | design - build



VILINÄ | Aalto University, Wood Program

information

Project: Train Shelter
 Location: Kouvola, Finland
 Client: VR Train
 Role: Construction team
 year/status: 2022

description

This project involved designing and constructing a shelter to exhibit the historical locomotive "Ruhveltti" in a park beside the railway. The shelter was based on horizontal architectural language that expressed the locomotive's bustle. The primary material used was massive glulam wood, configured into arches that provided stability,

with prefabricated Kerto-Ripa roof elements connecting them. I participated in the prefabrication of six glulam elements at Aalto University, which were transported to Kouvola and assembled on-site by a team of five, overcoming challenges with wood tolerances and weight with the help of a crane.

construction I from pre-fabrication to on-site assembly



Photos: Daniela Alatorre

KOHTA | Aalto University, Wood Program

information

Project: Train Stop
Location: Koria Finland
Client: City of Kouvola
Role: design and construction team
year/status: 2019
Instructors : Pekka Heikkinen, Hannu Hirsi, Willem van Bolderen, Laura Zubillaga, Gerardo Armanet

Design Team : Daniela Alatorre, Anton Aluja, Maritta Antoniazzi, Bettina Baggenstos, Sofia Belova, Tamara Fajer, Jon Farmer, Taisuke Hayashi, Theresa Herlich, Yu Kono, Esteban Lozada, Tomas Millan, Michika Nakamura, Kristian Penttinen, Juan Carlos Prazmowski, Kevin Silary, Minako Suzuki.

description

Kohta is a stunning train station made entirely out of wood, designed to provide a comfortable and versatile space for travelers. Its geometric composition and carefully crafted elements allow users to customize their experience, whether they seek shelter from winter or open spaces during summer. The seating area at the center offers unobstructed views, with the roof acting as a stabilizing element between modules.

Kohta's construction blends digital and physical manufacturing techniques, with every wall piece digitally

defined and CNC'd for high precision. They were then cut with a table saw to specific lengths, creating spruce glulam walls, spacers, benches, and LVL roof elements with specific angles and lengths. Each module has three walls and a roof, allowing for easy transportation and assembly in one day, secured with fixing joints.

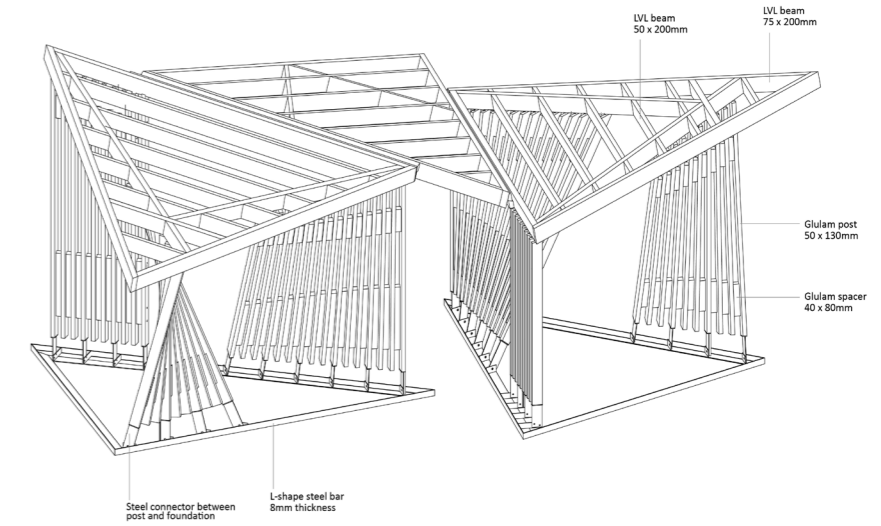
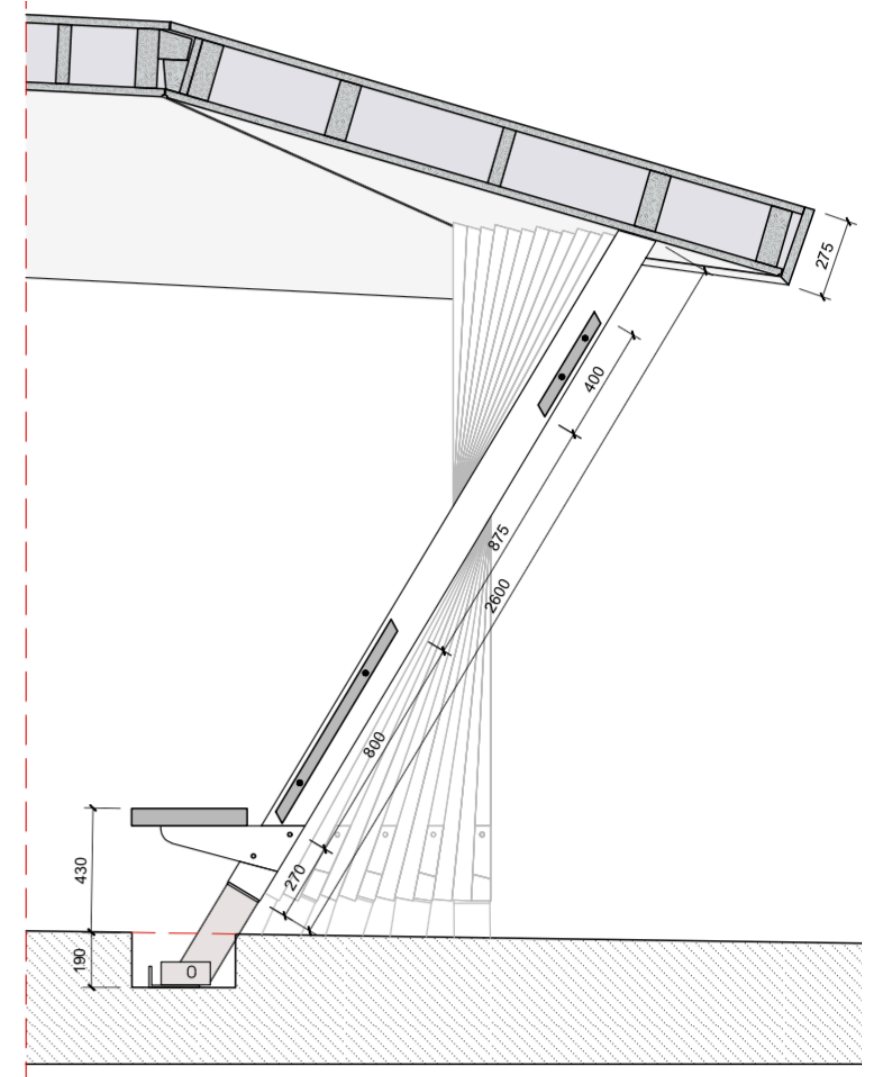
The project began as a train station study and evolved into a valuable learning opportunity, showcasing the potential of wood as a sustainable building material. Its intricate details and careful craftsmanship are evident throughout the station.



Photos: Tuomas Uusheimo



Photos: Daniela Alatorre





Photos: Daniela Alatorre

BAMBU-GUADUA | UNAM

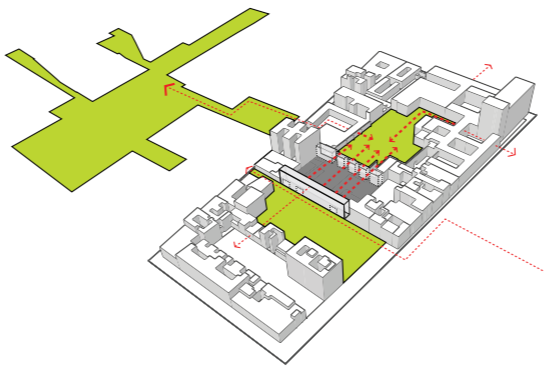
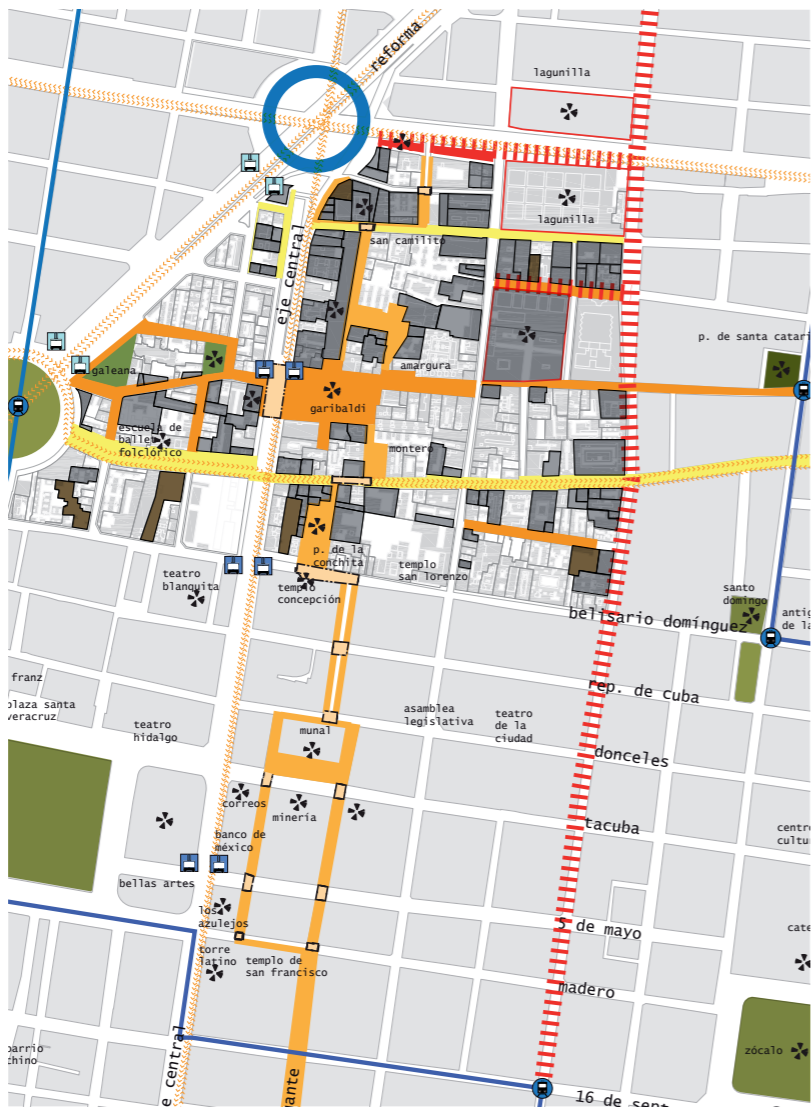
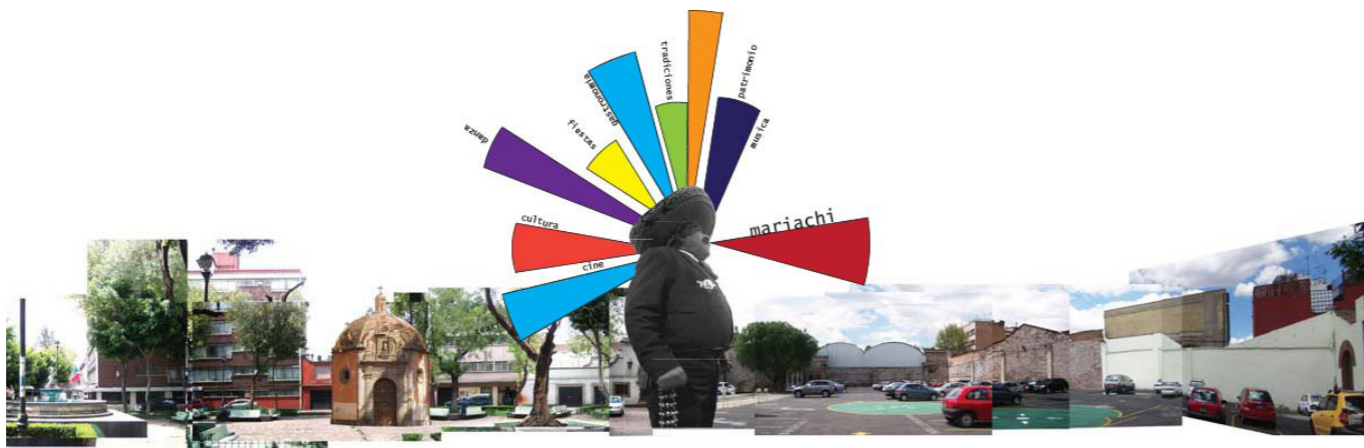
information

Project: Canopy
 Location: Veracruz, México
 Client: Botanical garden
 Role: Participant on design
 team and execution
 Year/status: 2008

description

Design and construction of a structure in Bamboo for the botanical garden in Jalapa city, exploring the structural and esthetical limits of the material creating a shelter for visitors.

academic | Thesis



The City through the public space, masterplan and sound library for Garibaldi neighbourhood | UNAM (The National Autonomous University of Mexico)

information

Projection: Architecture Thesis project
 Location: Mexico City, Mexico
 Role: urban research and architectonic project
 Year/status: 2011

description

Urban Analysis, Master Plan and architectonic project, with a Transit Oriented development perspective.
 Garibaldi, neighbourhood in the heart of the historic centre with a powerful identity of the traditional music (mariachis), is a degraded area taking part of the urban changes in the city. Public space and mobility as the principal strategies.

