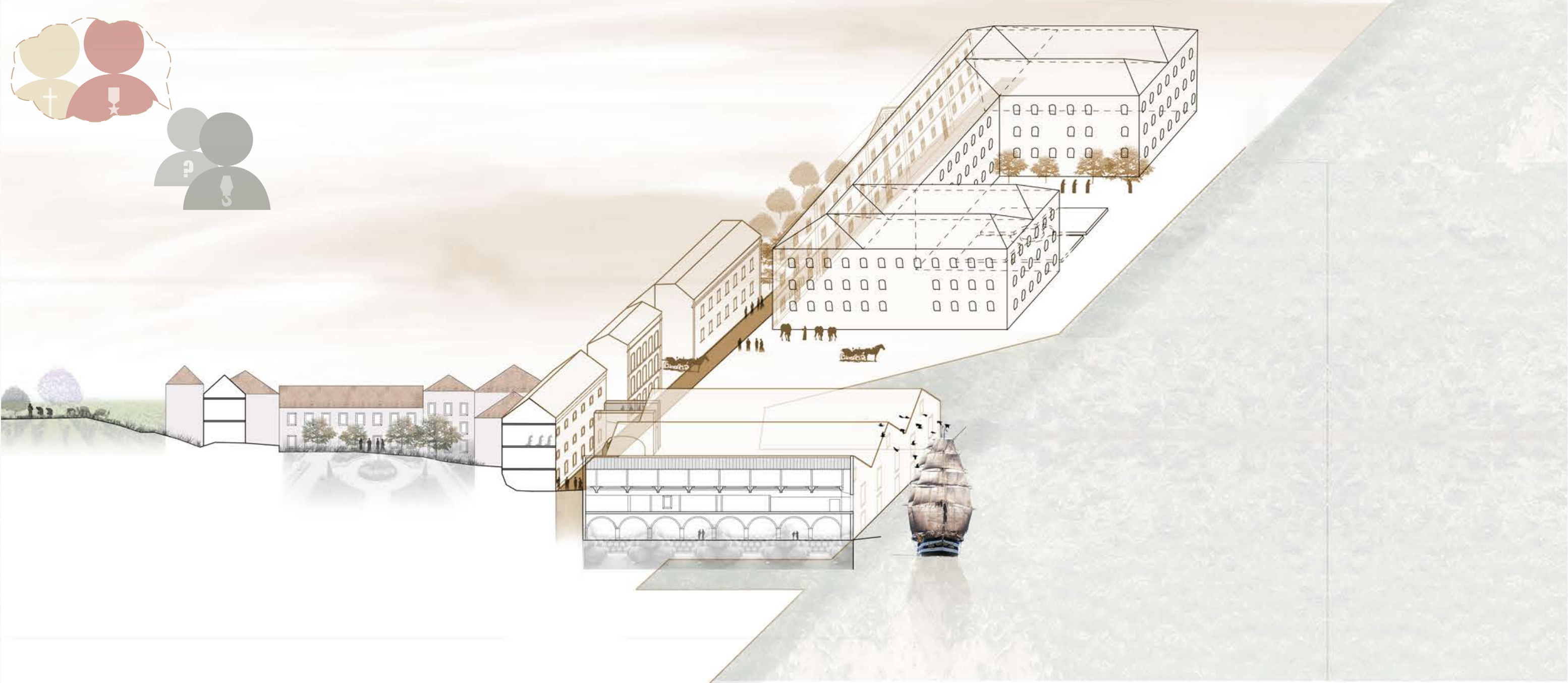
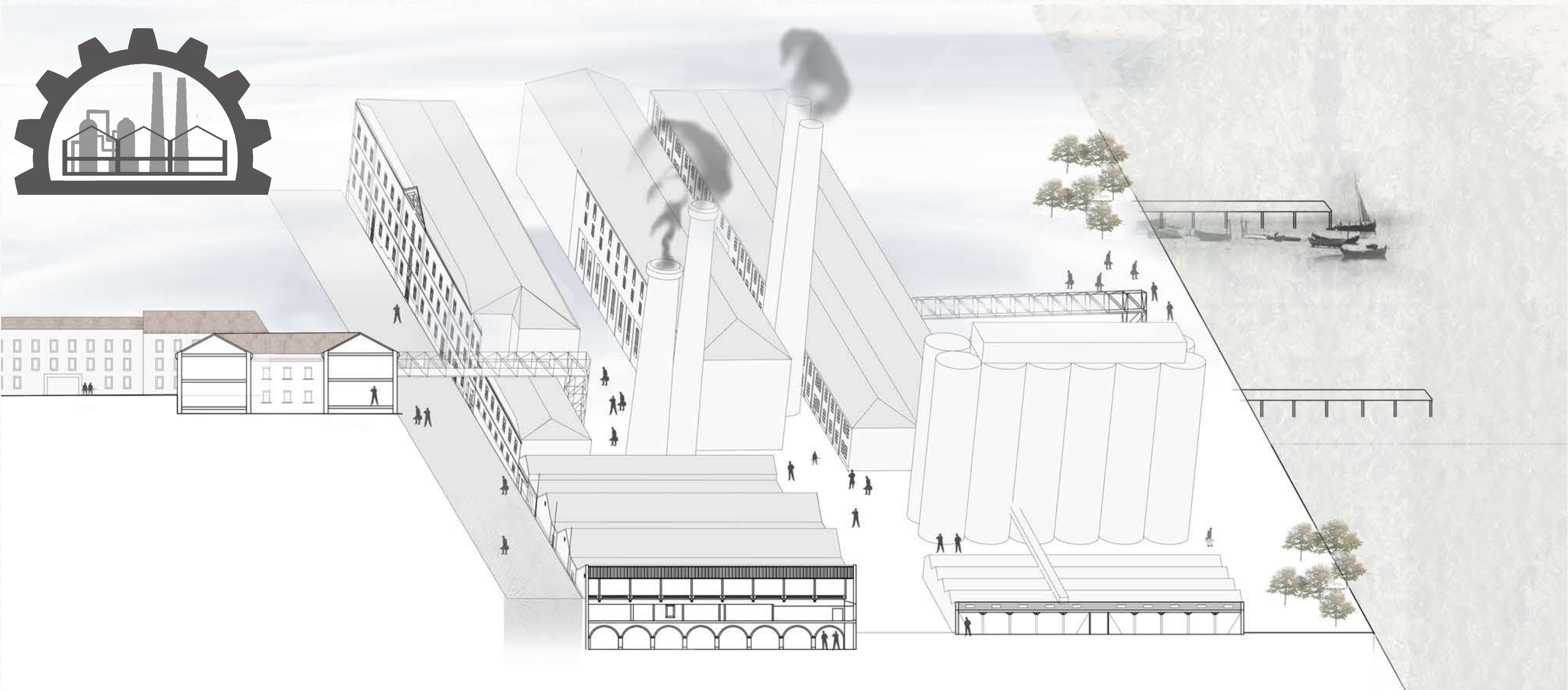


A MODERN MANUFACTURING COMPLEX

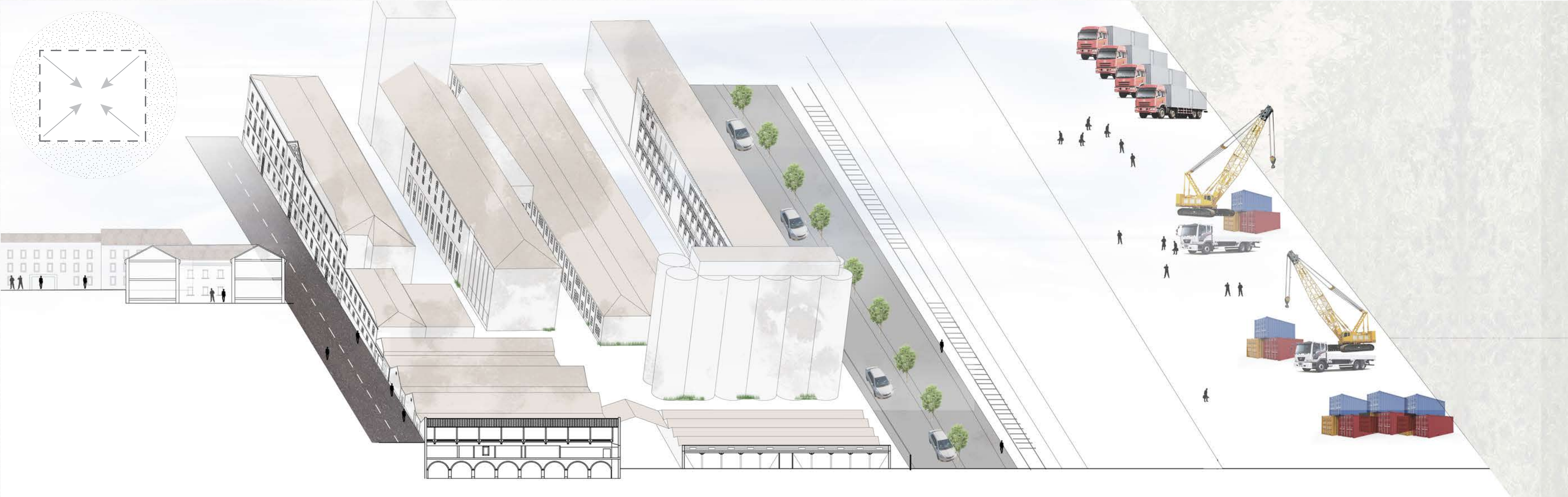
FOR ART, TECHNOLOGY, CULTURE & HERITAGE



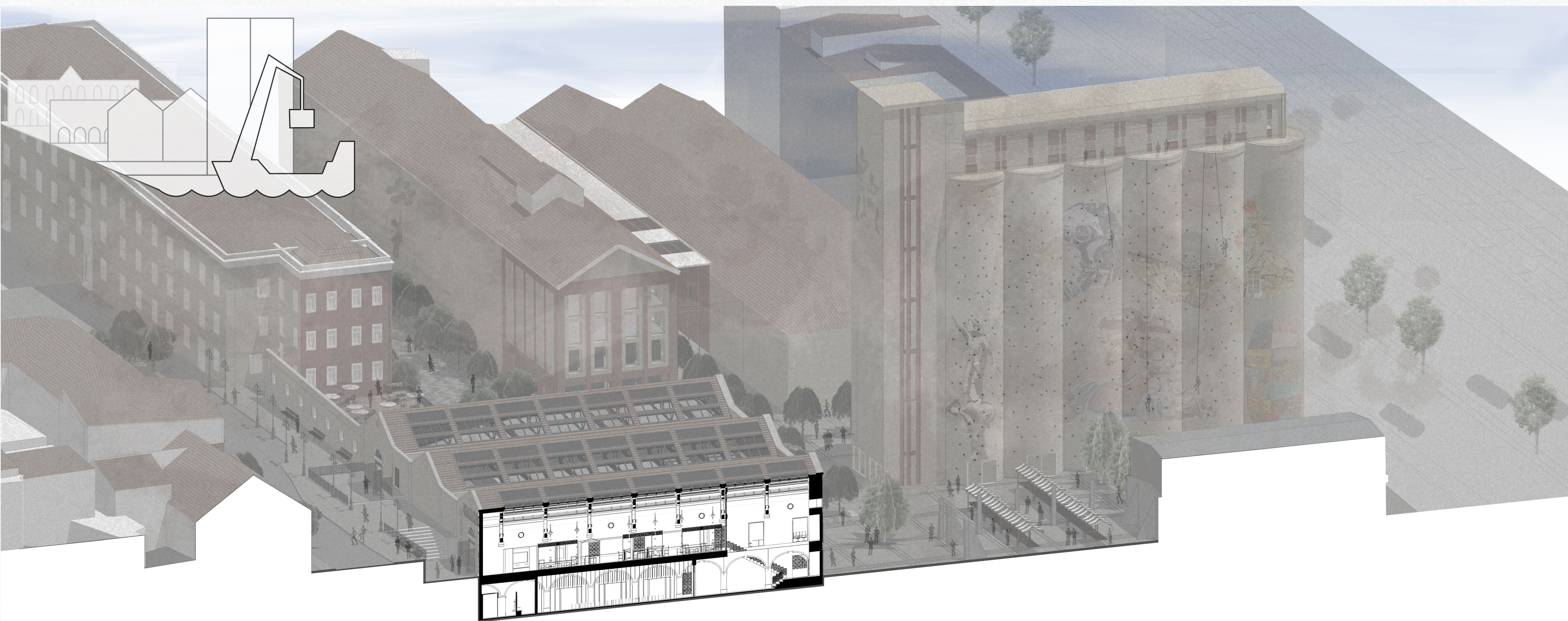
Discovery & Parish era 1600 - 1800 (groups analysis street)



Industrial & Military 1800 - 1960 (groups analysis street)



Disuse & Decay 1960 - 2015 (groups analysis street)



Future time layer 2025

DISCLOSING THE MILITARY CITY LISBON

My project involves a former military site located in the edge of Lisbon. The project is located in the district Beato located near the harbor north of the center of the city. This project is closely related to the studio of Heritage & Architecture as it is not only worth keeping, but can and needs to be used to improve the quality of the neighborhood. With this project we find a new use and purpose for the unused site and near urban surroundings. We analyze the area and use this knowledge to create a funded design that shows the quality of the existing and the future. This project is a socially relevant project as it is being redeveloped at this moment by the municipality of Lisbon.

A MODERN MANUFACTURING COMPLEX

The manufacturing complex is the name for the new purpose of the project. The complex consists out of an upper floor zone with semi-private functions like creative workspaces, schools, conference rooms, hotel, craft brewery and winery. The ground floor is a public area with public spaces, craft shops and a museum. The area can be used by local inhabitants, young skilled entrepreneurs and eventually tourists. The site has zones where the different target groups can conduct their daily activities. The upper part will offer contemporary housing for new users.

THE MEETING SPOT

The focus of the design is in and around the old warehouse. This area is a meeting spot where all users and target groups can come together and enjoy and experience the qualities of the complex. This area is focused on recreational and cultural activities like a market square, exposition spaces, a food hall, tasting rooms, sport center and activity center. This area is the main entrance of the enclosed complex. This results in a design that is the mediator between the outside world and the manufacturing complex.

MATCH

The old warehouse has a new public use. This building located in the meeting spot is an old building with a new purpose where the old can be seen, touched and experienced. The focus of the building design is on the relation with the surroundings, the strength of the building characteristics and the relation between old and new.

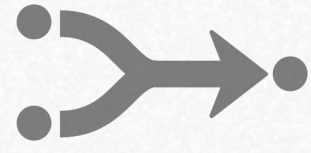
THEMES

The project has focussed on the problem statement translated into the research question 'How can an enclosed industrial area work together with the urban surroundings as a tool to become reconnected that will serve as an incubator for future developments?'

With the help of themes the project uses the existing to create a new purpose without losing the values and character of the site. The themes are input for the design strategy and concept. The following themes related to the heritage studio are determined.

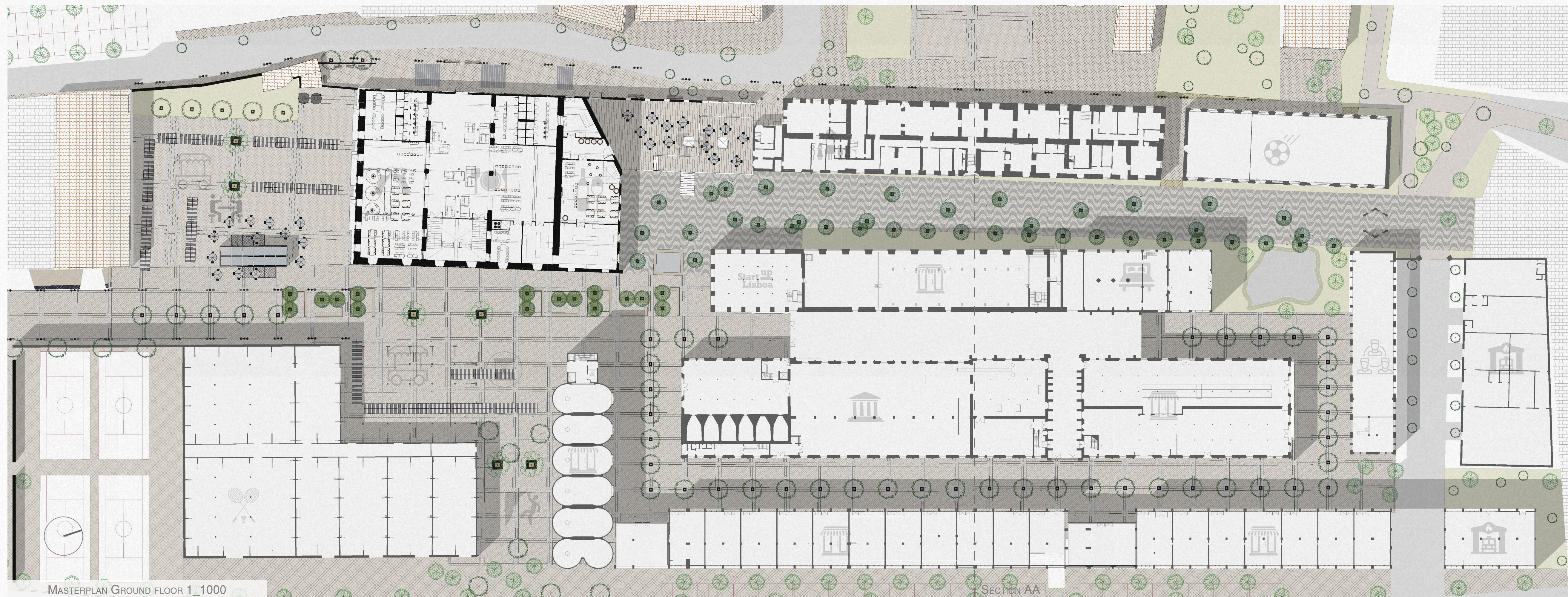
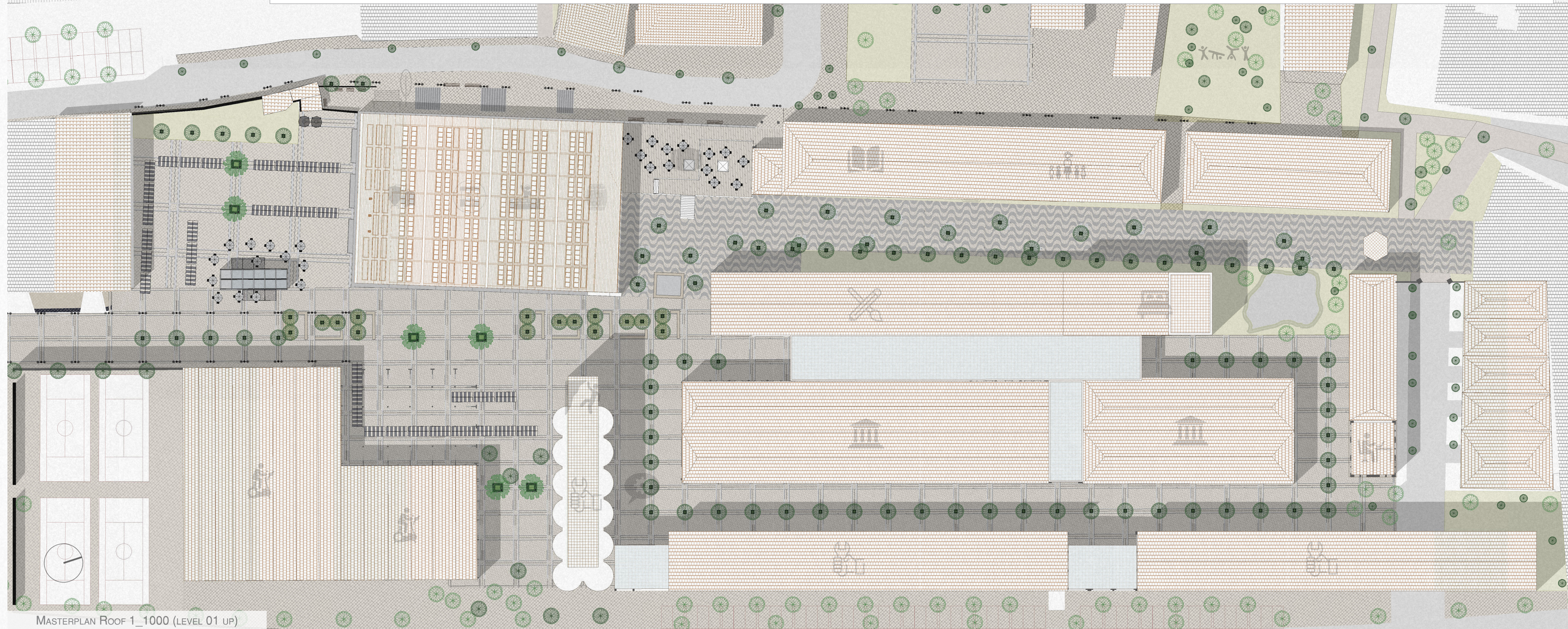
RESTORATION	OF THE ATMOSPHERES OF THE PAST.
PRESERVATION	OF THE STRENGTH OF THE MILITARY CHARACTER.
TRANSFORMATION	OF THE ENCLAVE WITHOUT LOSING THE ENCLOSED ATMOSPHERE.
MODIFICATION	OF THE PRESENT TIME LAYER WITHOUT DAMAGING THE EXISTING QUALITY.

The last theme 'UNITE' is overarching social related. Bringing together different target group by promoting social cohesion on site. A new purpose is needed for the complex, but this might have negative consequences like gentrification.

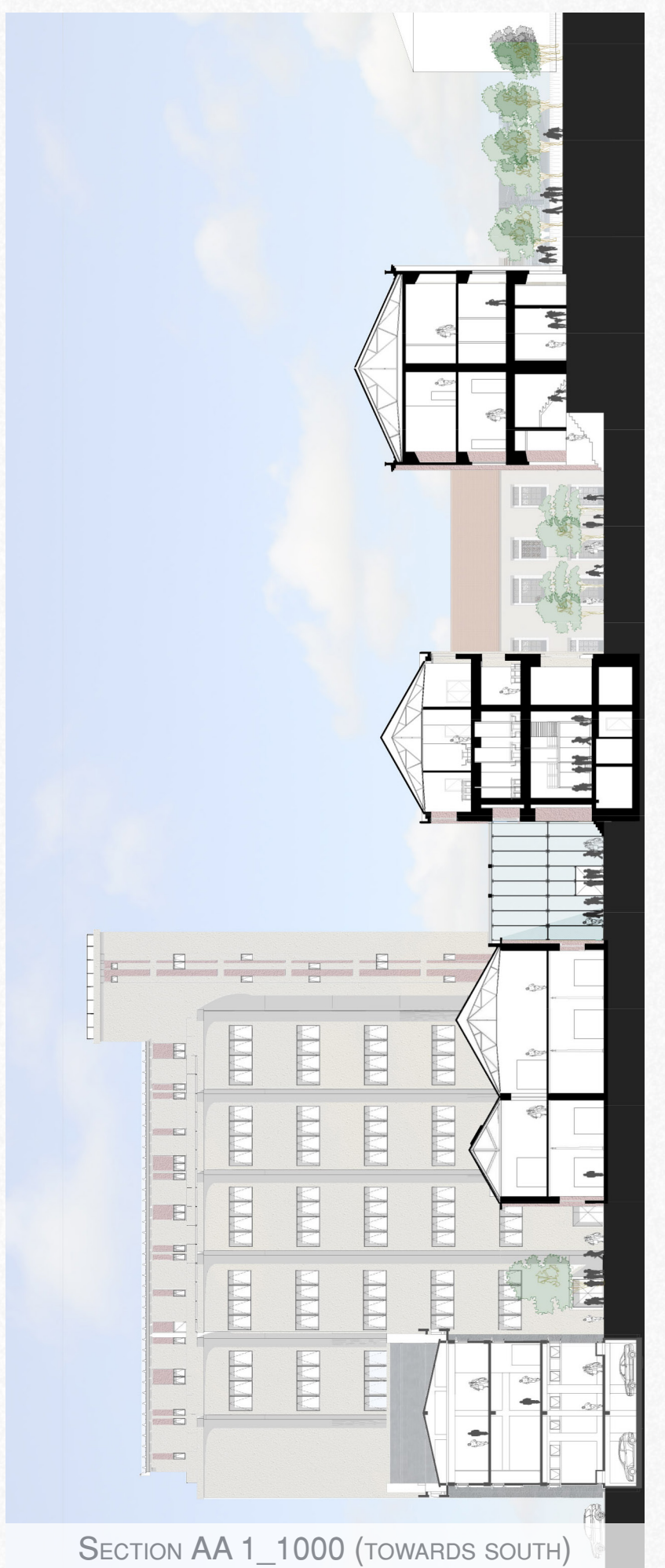


A MODERN MANUFACTURING COMPLEX

FOR ART, TECHNOLOGY, CULTURE & HERITAGE



PROBLEM STATEMENT	GOALS
FUNCTION & USE	
PUBLIC PARC	ADMINISTRATION OFFICE
GYM	WINE STORAGE
CRAFT BREWERY	TASTING ROOM
EXPOSITION SPACE	BREWERY
DANCE SPACE	TASTING ROOM
WINERY	WINERY
CLIMBING WALL	COMMUNITY CENTER
CREATIVE OFFICE	FOODHALL
TECHNICAL MUSEUM	MARKET SQUARE
MEETING ROOMS	TERRACE
LIBRARY	CRAFT SHOPS
PRIMARY SCHOOL	FIREDEPARTMENT
PLAYGROUND	INDOOR SPORTS
CREATIVE OFFICE ARTISTIC	START-UP OFFICE
	SCHOOLGYM
	HOTEL



THE MEETING SPOT

ENJOYING & UNITING IN THE PUBLIC REALM



SECTION AA TOWARDS WEST 1_200



ROOFPAN ENSEMBLE 1_200

MATCH
MEETING | ART | TECHNOLOGY | CULTURE | HERITAGE



STREET FACADE 1_200 (WEST)



MARKET FACADE 1_200 (SOUTH)



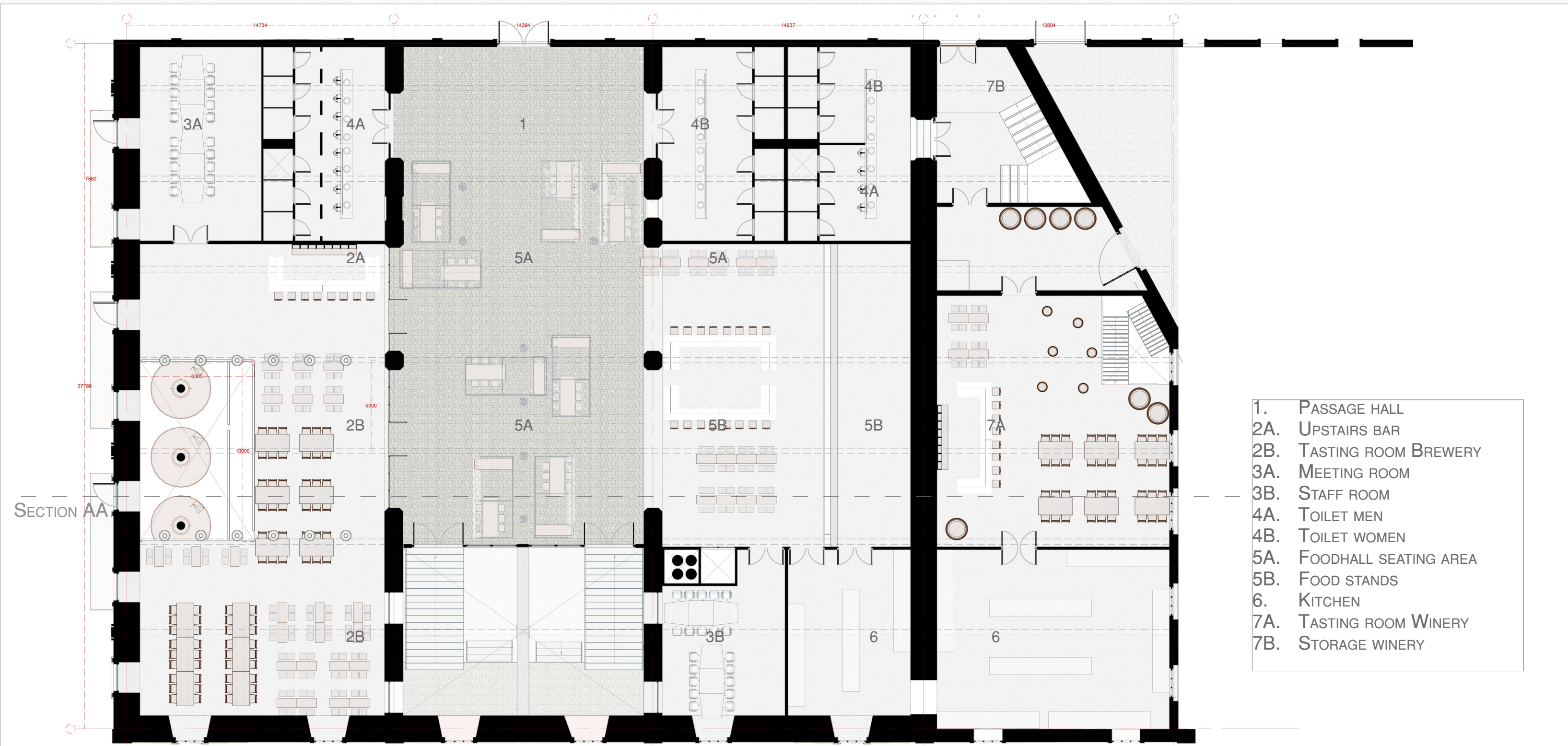
PARK FACADE 1_200 (NORTH)



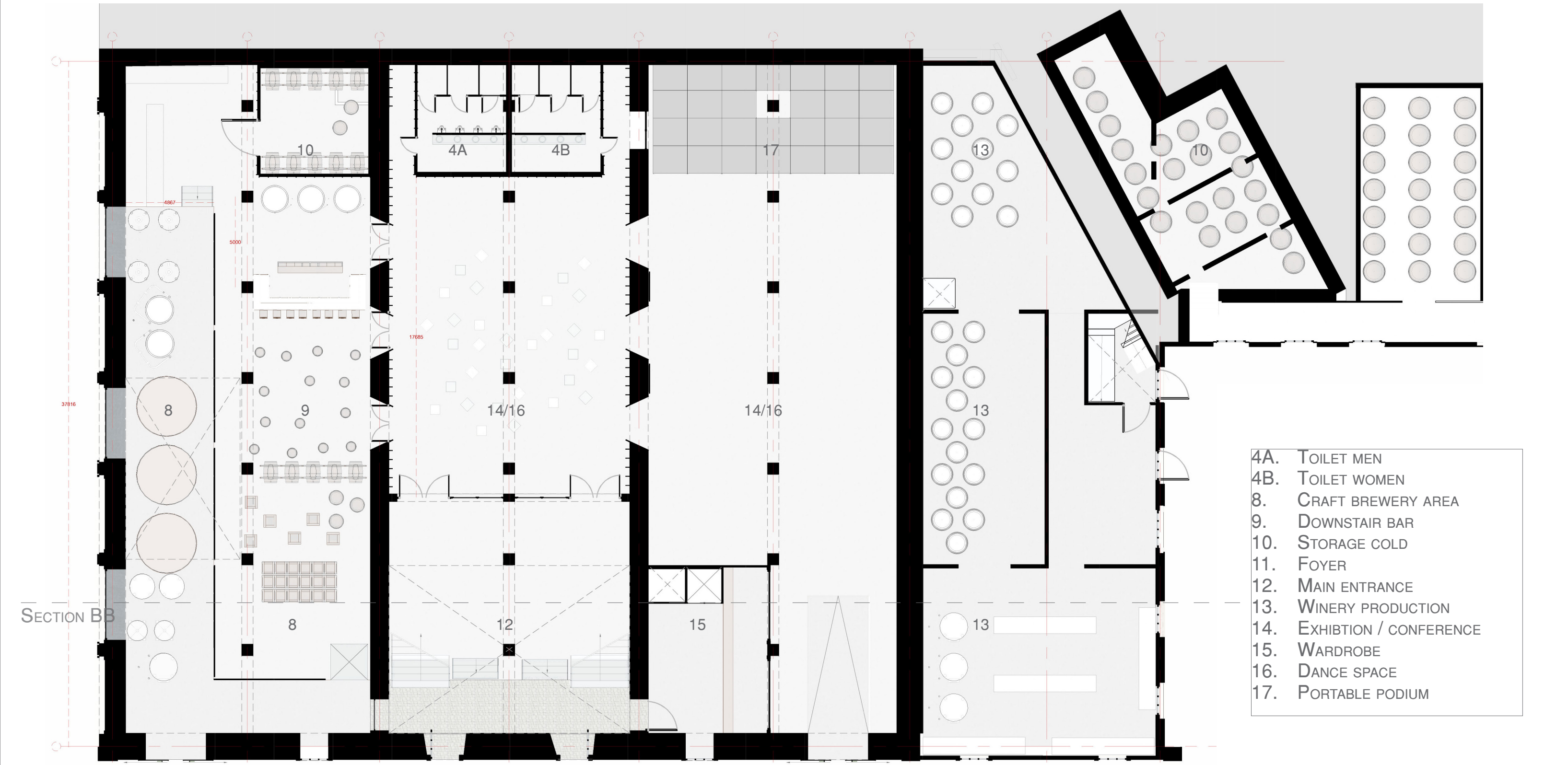
FRONT FACADE 1_200 (EAST)



FRONT SECTION BB 1_200 (EAST)



FIRST FLOOR PLAN 1_200 (LEVEL 3930)



GROUND FLOOR PLAN (LEVEL -730)

MATCH

MEETING | ART | TECHNOLOGY | CULTURE | HERITAGE



TASTING ROOM CRAFT BREWERY



PASSAGE HALL WITH LUNCH SPACE



FOOD HALL RESTAURANT & COFFEE BAR

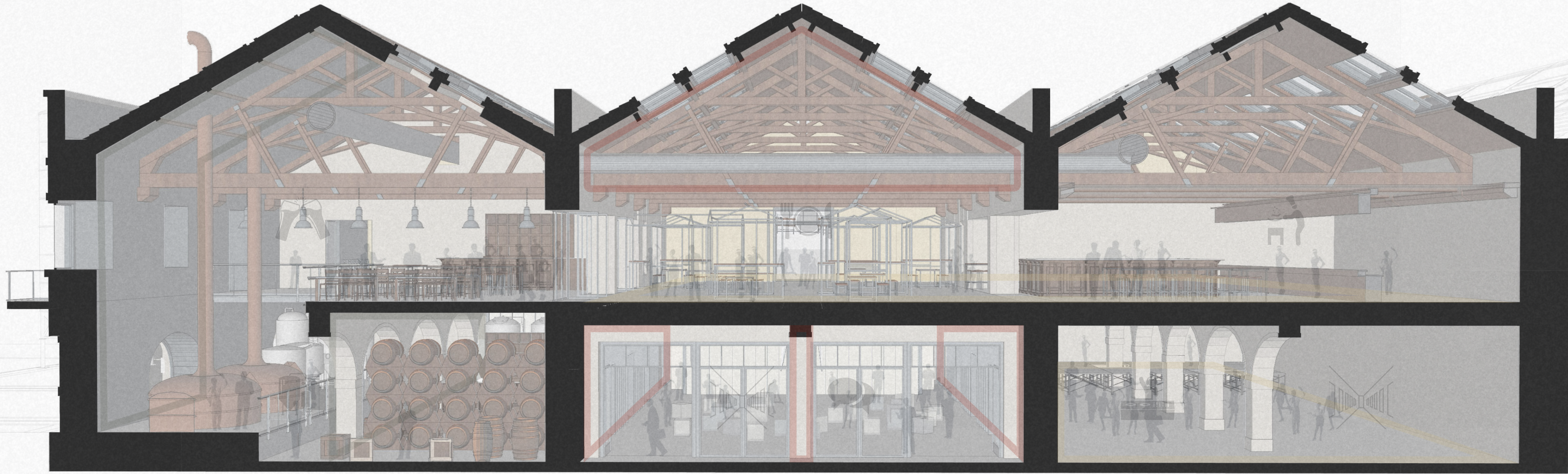
MATCH
MATCH STANDS FOR MEETING, ART, TECHNOLOGY, CULTURE AND HERITAGE.

MEETING IS RELATED TO THE THEME UNITE. WHERE THE NEW PURPOSE FOCUSSES ON ATTRACTING DIFFERENT TARGET GROUPS INSIDE THE BUILDING. THE BUILDING OFFERS A PLACE FOR THE LOCAL INHABITANTS WITH JOBS IN A CRAFT BREWERY, A WINERY AND THE FOOD HALL. THE NEW PURPOSE OF THE MMC AS A MANUFACTURING COMPLEX OFFERS SPACE FOR CONFERENCES, EXPOSITIONS AND THE POSSIBILITY FOR A LUNCH BREAK USED BY THE NEW TARGET GROUP OF YOUNG SKILLED ENTREPRENEURS.

THEY COME TOGETHER WITH THE **CULTURAL** FUNCTION ATTRACTING VISITORS. WITH THE TASTING ROOMS, CONCERT HALL AND THE FOOD HALL THE BUILDING CREATES AN ATTRACTIVE ENVIRONMENT FOR TOURISTS, WORK RELATED VISITORS AND LOCAL INHABITANTS FROM SURROUNDING DISTRICTS.

THESE FUNCTIONS PROVIDE A BUILDING THAT PROVOKES INTERACTION BETWEEN THE DIFFERENT TARGET GROUPS BY LETTING THEM MEET INSIDE THE BUILDING. NOT ONLY BY THE ACTIVITIES, BUT ALSO THE PASSAGE HALL CREATES INTERACTION WITH LOCALS PASSING THROUGH THE BUILDING WHEN ENTERING THE SITE. THIS CONTROLLED ENVIRONMENT EMBRACES ITS USERS AND CREATES A MATCHING PURPOSE.

IN THIS WAY THE LOCALS RUN THE BUILDING AND CAN USE THE BUILDING, THE NEW TARGET GROUP USES IT TO SHOW THEIR **ART** AND TECHNOLOGICAL CREATIONS AND THE VISITORS PROVIDE AN ECONOMICAL BOOST AND CREATE A BUILDING THAT BECOMES THE BASIS FOR THE INCUBATOR FOR DEVELOPMENTS IN BEATO. WITH THIS NEW PURPOSE **MATCH** BRINGS PEOPLE TOGETHER, MATCHES IT WITH THE NEEDS OF CITY, THE DISTRICT WITH THE EXISTING HERITAGE.



FRONT SECTION AA TOWARDS WEST 1_300

THEMATIC DESIGN
THE **HERITAGE** REFLECTS ON THE BUILDING ITSELF AND HOW THIS IS RESPECTED AND BROUGHT TO ATTENTION WITH AN ARCHITECTONIC DESIGN CONCEPT. THE VALUED BUILDING IS EXPRESSED WITH THE HELP OF ZONES THROUGHOUT THE BUILDING. EXPRESSING THE TIME LAYERS HIDDEN IN THE BUILDING. BY FOCUSING ON THE DIFFERENT CHARACTERISTICS IN THE DIFFERENT VOLUMES, THIS CAN BE EXPERIENCED BY ITS USERS.

THE **BREWERY** FOCUSSES ON THE HEIGHT OF THE BUILDING. THIS IS EXAGGERATED WITH THE VIDE AND THE OPENLY STRUCTURED CEILINGS. THE **PASSAGE HALL** FOCUSSES ON THE STRENGTH OF THE BUILDING CHARACTER. THE NEW WALL IN THE BASEMENT PLAYS WITH THE STRUCTURE DETERMINED BY THE ARCHES. THE GLASS ROOF AND THE VISIBLE VENTILATION SHAFTS PUT THE SPOTLIGHT ON THE TRUSSES. THE **FOOD-** AND **CONCERT HALL** SHOWS THE WIDENESS OF THE BUILDING. IT USES THE LOWERED CEILINGS AND THE OPEN SPACE FLOOR PLAN TO MAKE THIS CLEAR TO ITS VISITORS.

WITH THE HELP OF **TECHNOLOGY** THESE EXPRESSIONS ARE REALIZED WITHOUT DAMAGING THE CULTURAL VALUE. THREE DILEMMAS PROTECT THE EXISTING AND MAKE THE ARCHITECTURAL EXPRESSION POSSIBLE.
THE BUILDING IS OPENED UP WITH NEW THE ROOF AND SOUTH FAÇADE. BY ADDING THE GRID SYSTEMS AND THE SOLAR PANELS IN THE ROOF WINDOWS, THIS IS BALANCED WITH ITS INTROVERT CHARACTER. THE STRENGTH OF THE BUILDING IS INCREASED BY USING ENFORCING THE AUTHENTIC TRUSSES IN ORDER TO CARRY THE NEW ROOF. THE RELATION BETWEEN OLD AND NEW IS BALANCED OUT BY ADDING NEW ELEMENTS THAT CAN EASILY BE REMOVED WITHOUT DAMAGING THE AUTHENTIC BUILDING. THE FLOOR HEATING SYSTEM STOPS AROUND THE ARCHES, THE NEW WALLS CARRY THEIR OWN WEIGHT AND THE NEW WINDOWS ARE DETAILED SUCH THAT THEY DON'T TAKE AWAY THE EXISTING WALLS.



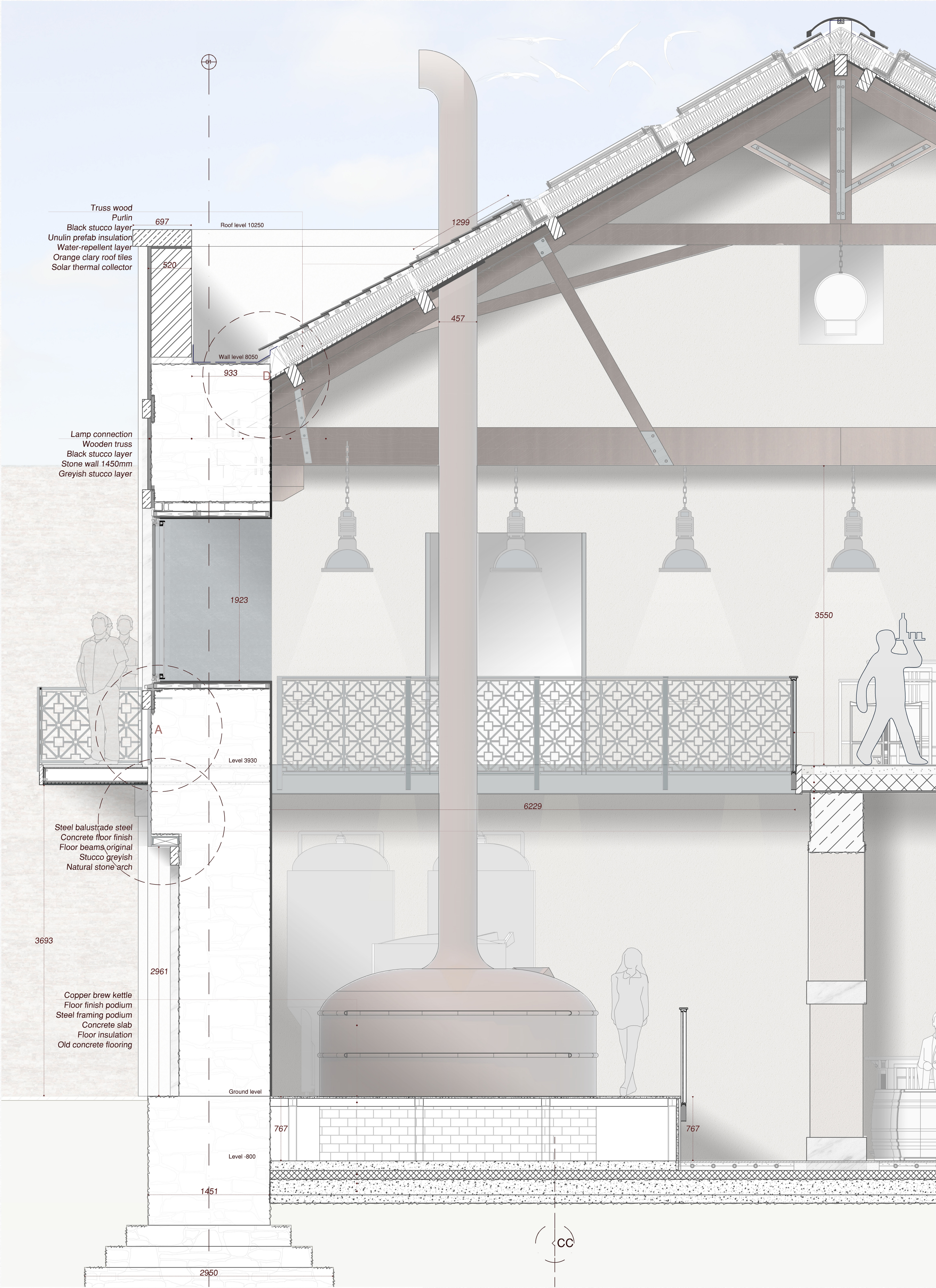
CRAFT BREWERY AND BAR

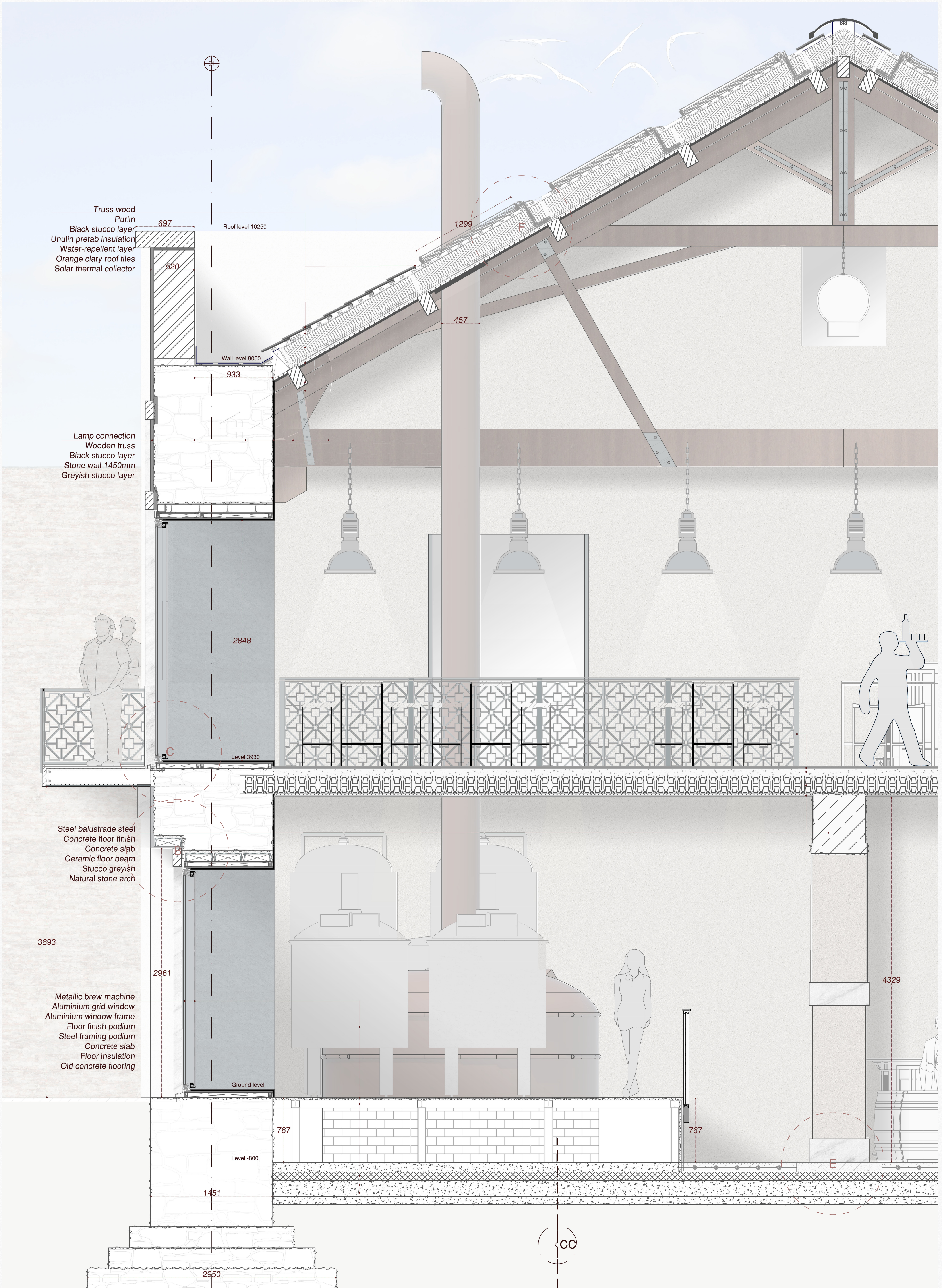


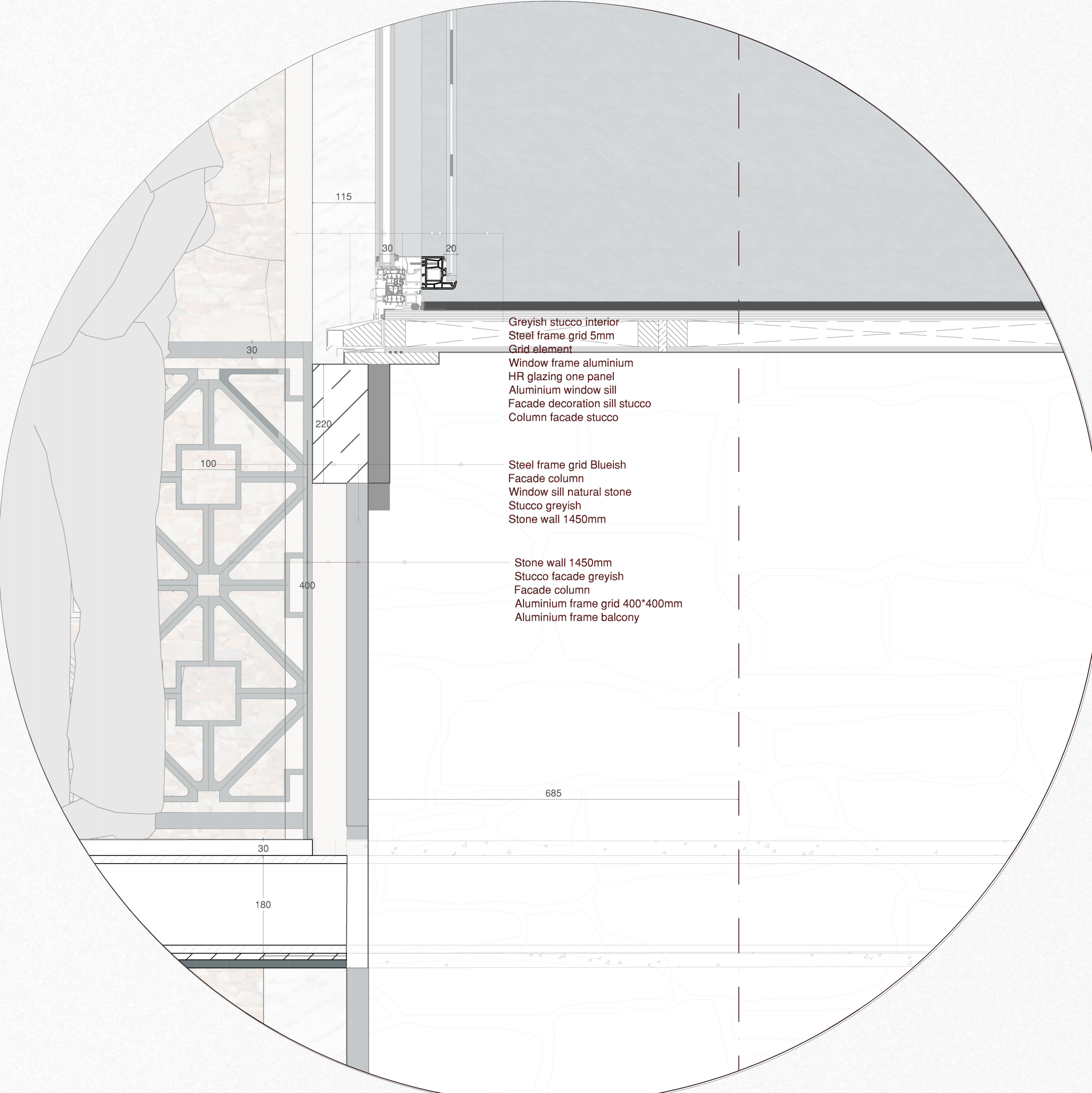
FOYER CONCERT HALL & POSSIBLE EXPOSITION SPACE



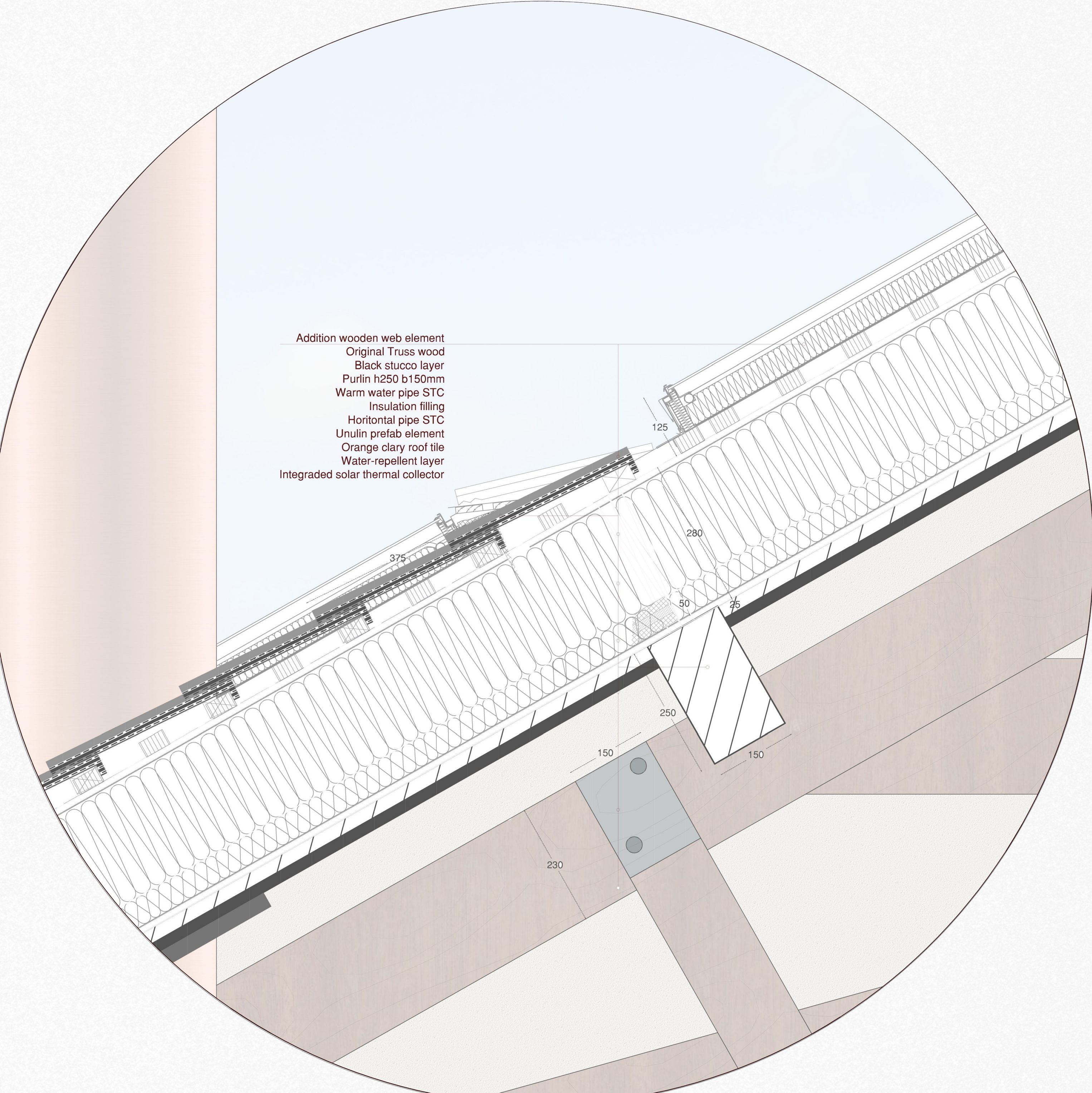
DANCE SPACE CONCERT HALL & POSSIBLE EXPOSITION SPACE



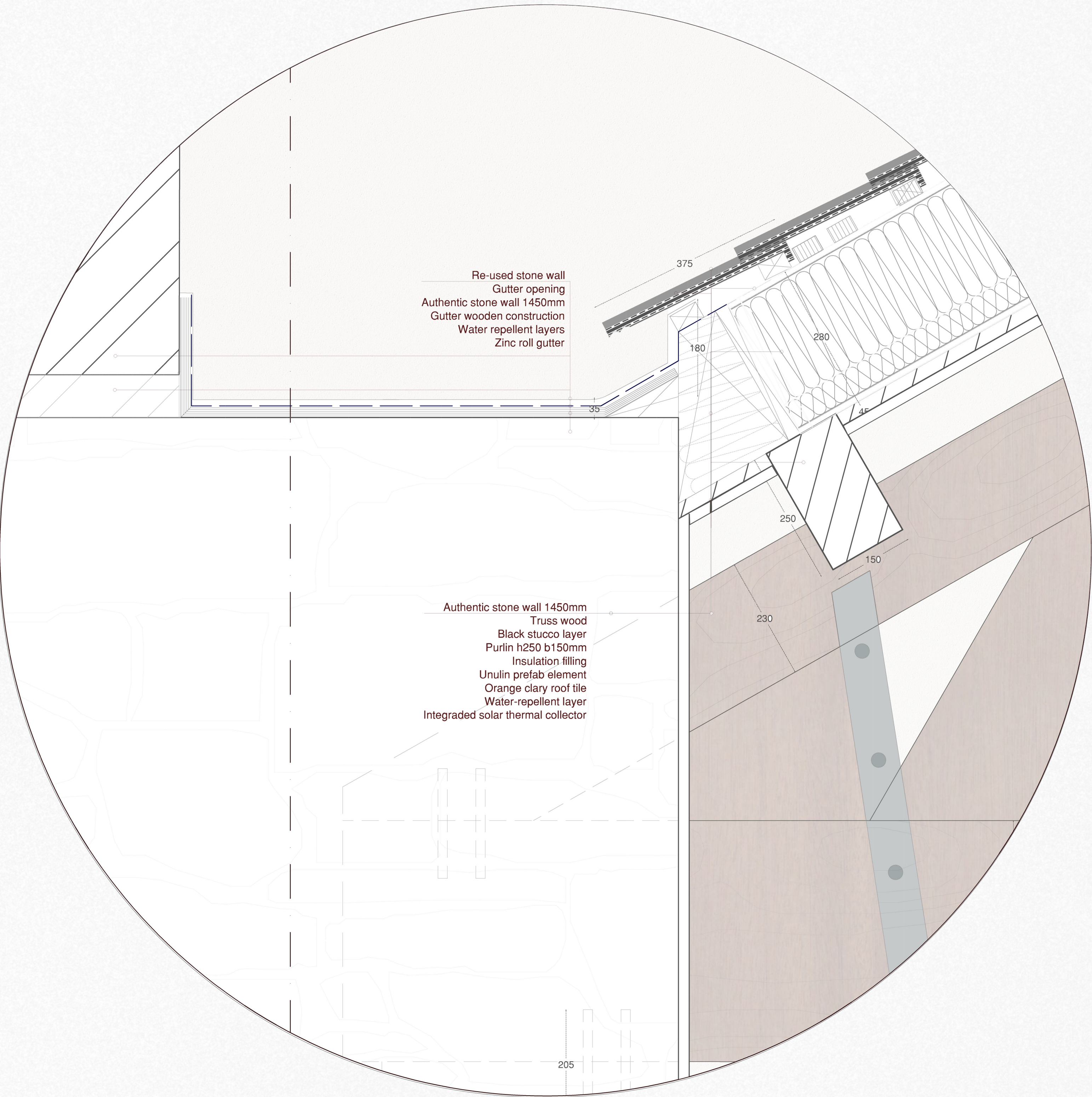




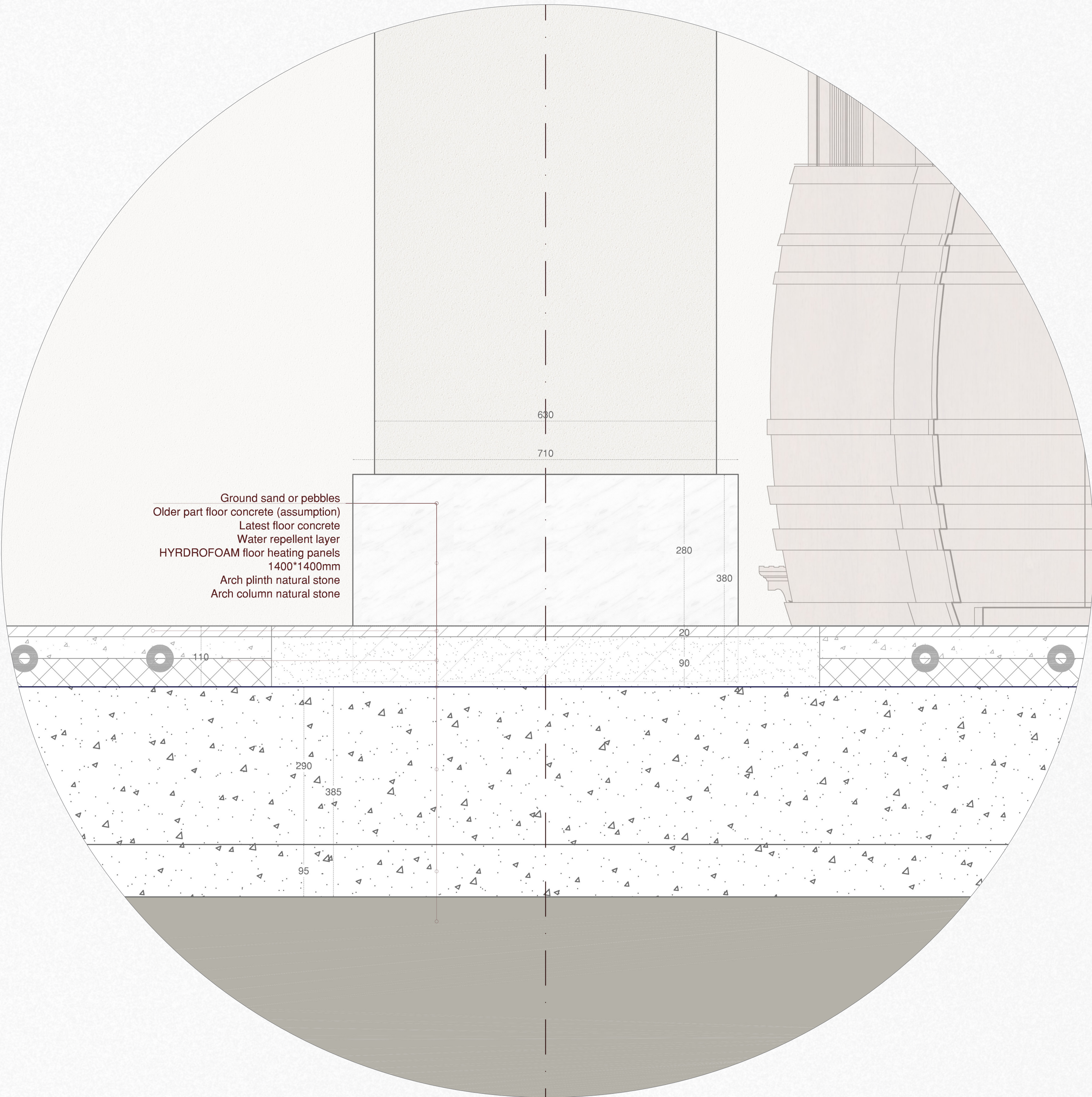
TECHNICAL DETAIL (C) 1_5 WINDOW OPENING SECTION AA



TECHNICAL DETAIL (F) 1_5 ROOF ELEMENT SECTION AA



CLIMATE DETAIL (D) 1_5 ROOF CORNER SECTION AA



CLIMATE DETAIL (E) 1_5 FLOOR INSTALLATION SECTION AA