

NORD-ISÈRE PROJECT

RISEBA University of Applied Sciences

Jevgeņija Ivanova | Katerīna Žuravļova | Valdis Peļušķēvičs



INTRODUCTION

LES GRANDS ATELIERS

THE CONCEPT

FLOOR PLANS

MASTERPLAN

CHIMILIN

restoration

INTRODUCTION

Our team got a great chance to work and compete in SAINT-GOBAIN Architecture Student Contest competition. The work consists of two projects. Both of them take place in France in the region near Lyon. One is the creation of a student village next to the workshop Les Grands Ateliers students in Villefontaine. The second is a restoration project, giving a new life to a building in Chimlin.

Our aim is to create a comfortable, flexible, aesthetically pleasant, sustainable buildings, which are connected with nature and fits perfectly in it.

LES GRANDS ATELIERS



CHIMILIN



Nord-Isère project

LES GRANDS ATELIERS

STUDENT VILLAGE

WHAT IS LES GRANDS ATELIERS?

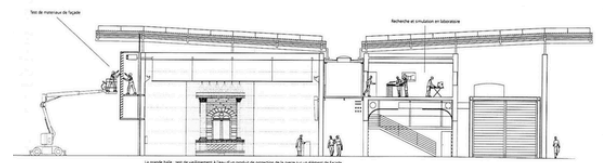
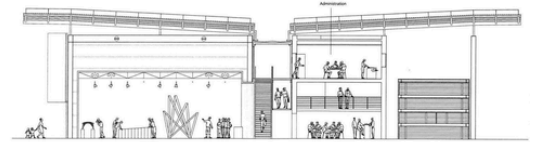
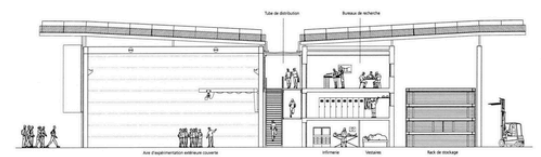
Les Grands Ateliers provides facilities, equipment and even materials for model making for students from architecture, art, design and engineering faculties from different cities of France. Working in LGA workshops gives a great opportunity for students to bring their ideas to life and work among equally creative individuals, sharing experiences and building connections



Les Grands Ateliers workshop is located in the Villefontaine region in southeastern France. It's a town of village type with beautiful natural views and uneven terrains.

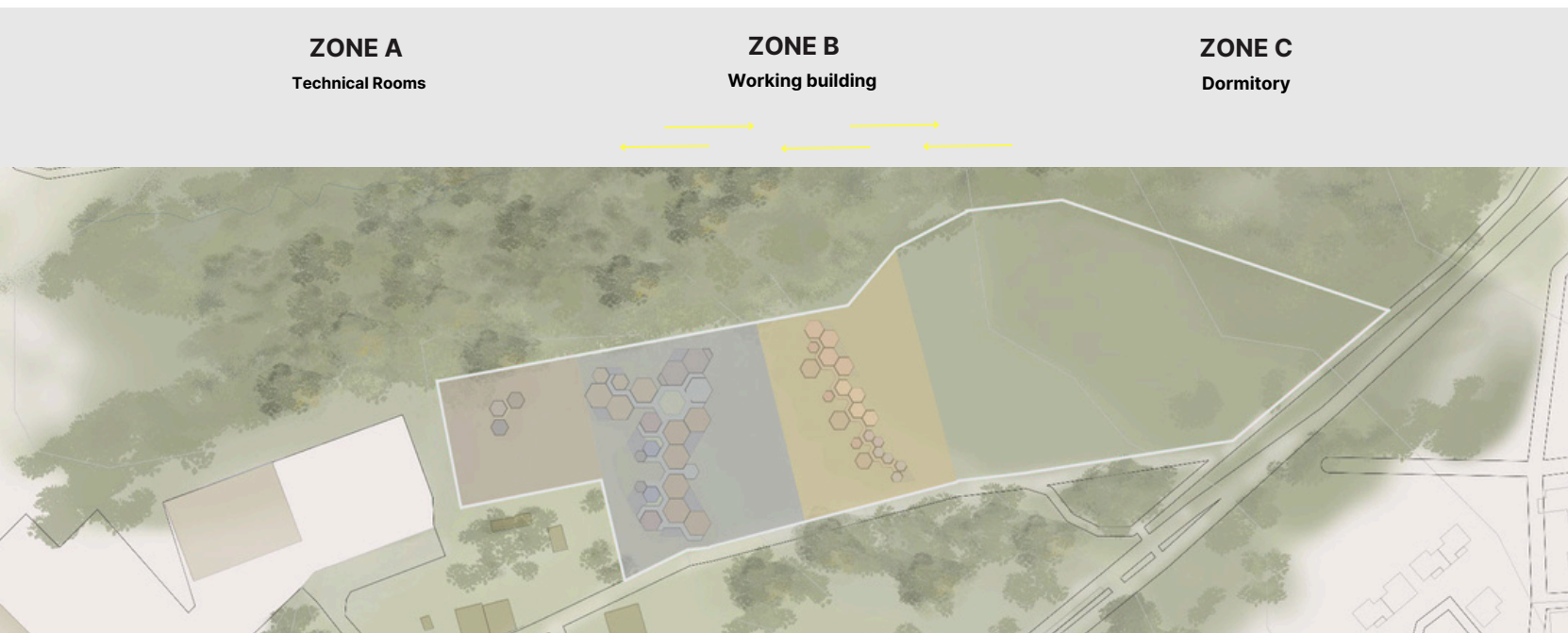
Les Grands Ateliers is surrounded by natural landscapes. On one side of the studio there is an urban environment, on the other side there is a natural landscape: a forest and an elongated field on a slope directly opposite the studio. Our work area is precisely the field.

Coupes sur la Grande Halle



CONCEPT

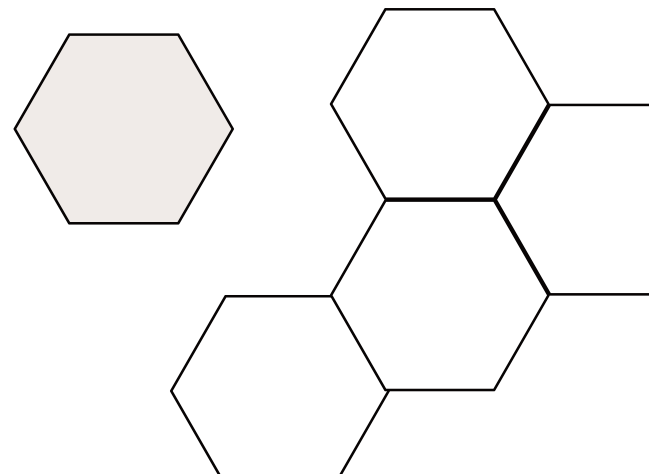
STEP 1 | The territory was divided into 4 parts: technical zone, work zone, recreation zone and park zone.



STEP 2 | An unusual shape was chosen for new buildings. The hexagon shape was selected for a reason. The Nordisere area is known for clay mining and buildings made of pissé material. If you look at clay through a microscope, you will see that the clay crystal is hexagonal.

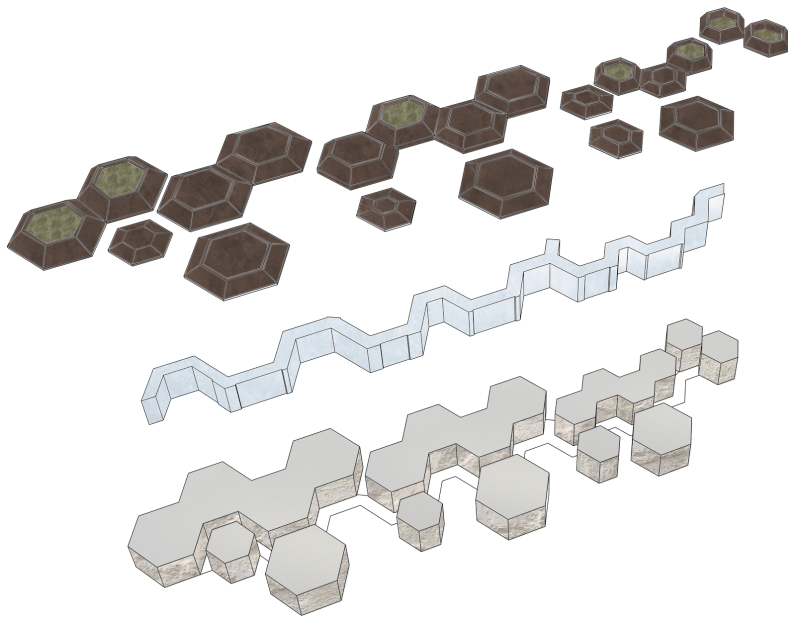
Also, the hexagonal shape is convenient for placing and extending the “line” of rooms in buildings in the future.

Nord-Isère project



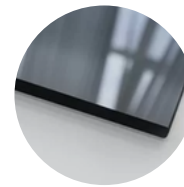
CONCEPT

STEP 3 | CONNECTING PARTS OF THE BUILDING |



Rain gardens

Green roofs, they contain vegetation, creating rain gardens to collect rainwater and connect the building with nature.



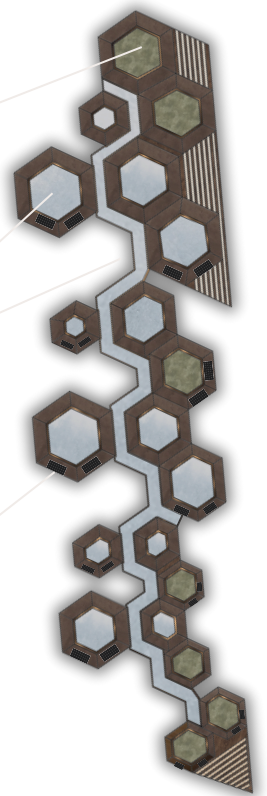
Toned Glass

Glass roofs give rooms more light.

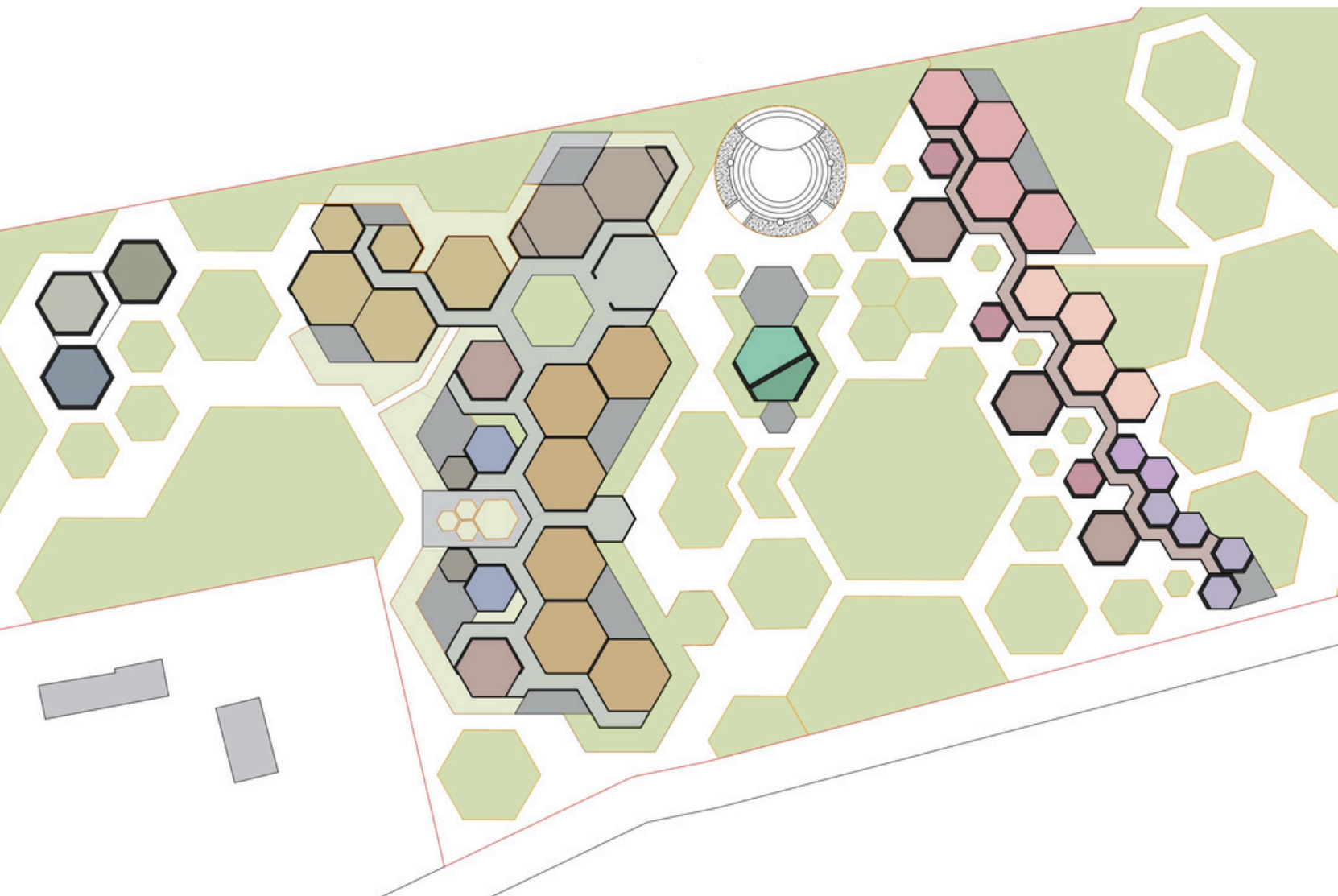


Solar panels

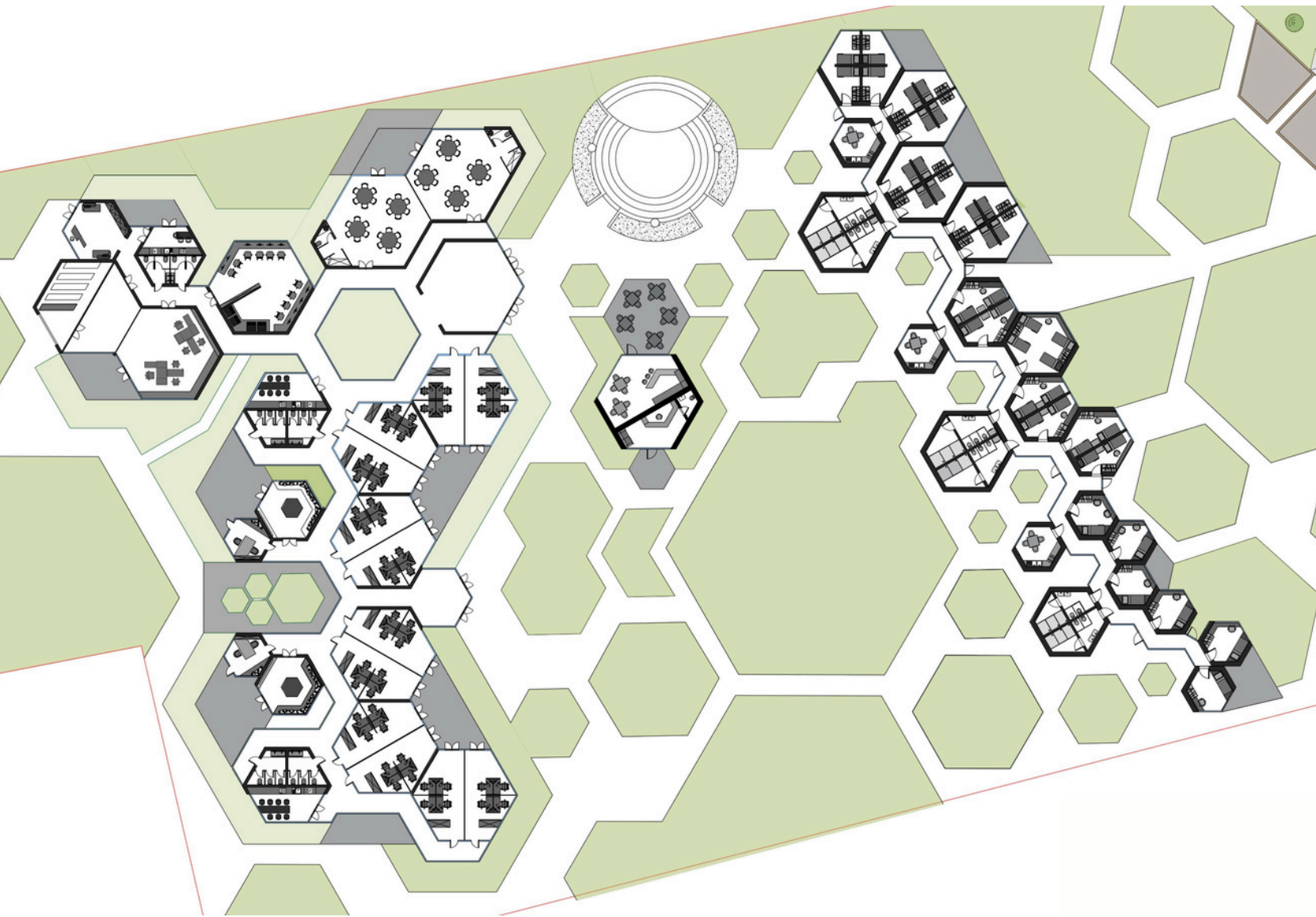
Solar panels are placed on the southern slopes of the roofs.



FLOOR PLANS



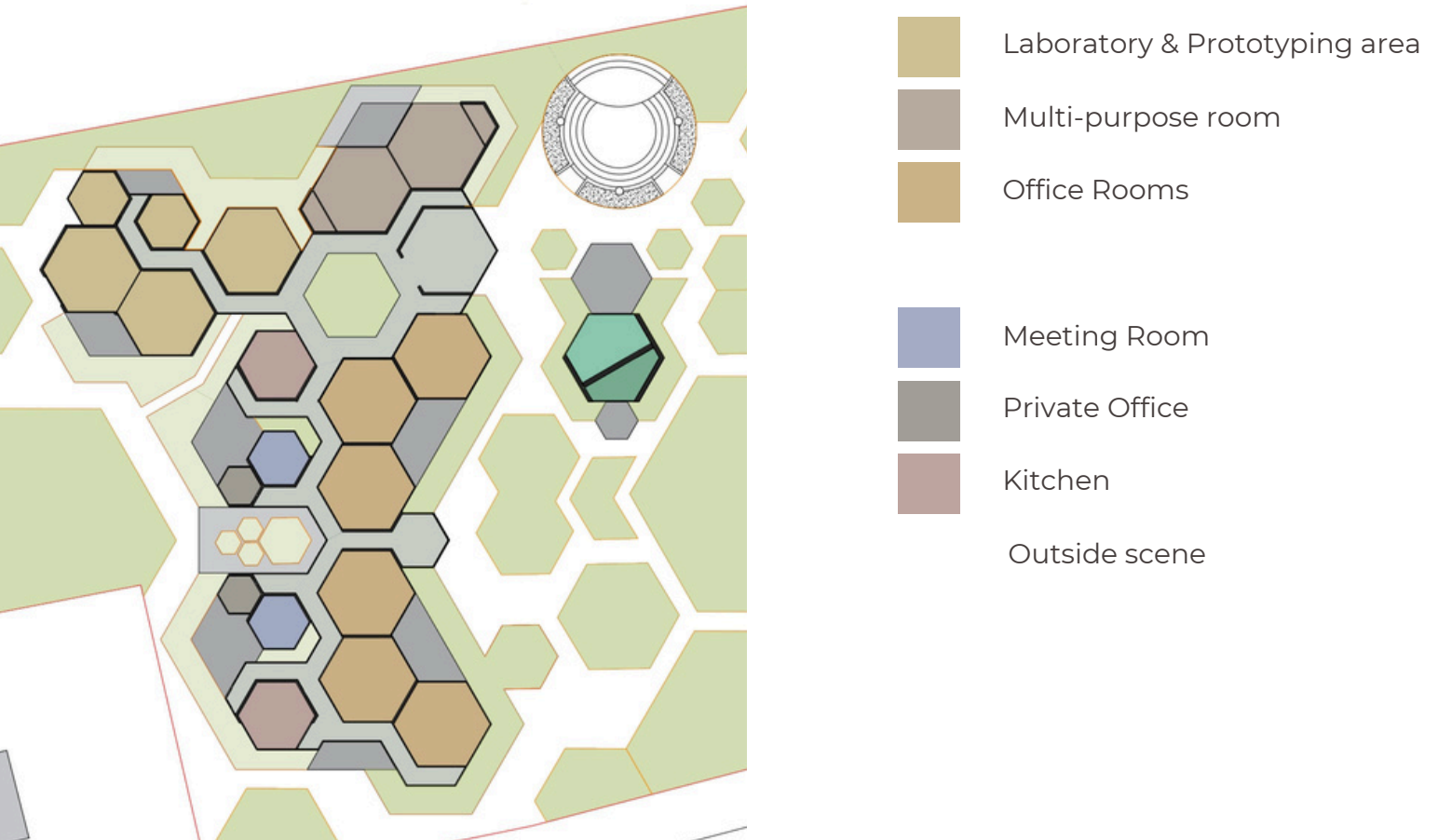
FLOOR PLANS



Nord-Isère project

FLOOR PLANS

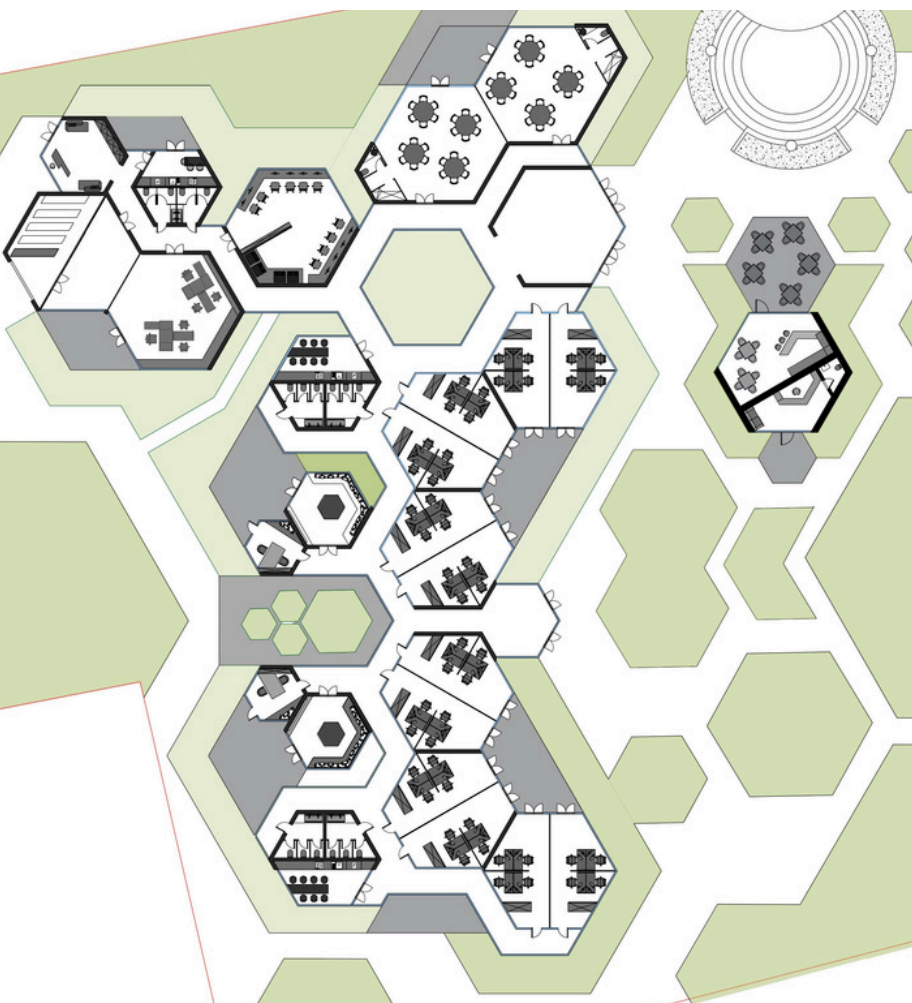
WORKING BUILDING



The Working Building consists of four blocks: Laboratory & Prototyping areas, Multi-Purpose Rooms, 2 blocks of Office Rooms. On the west side are Meeting Rooms, Private Offices. Every block has their own Restroom and Kitchen. Blocks are connected with a corridor, which is accessible through the main entrance with an aquarium garden. The building is surrounded with flower beds and greenery. It has big windows to feel nature from inside.

FLOOR PLANS

WORKING BUILDING



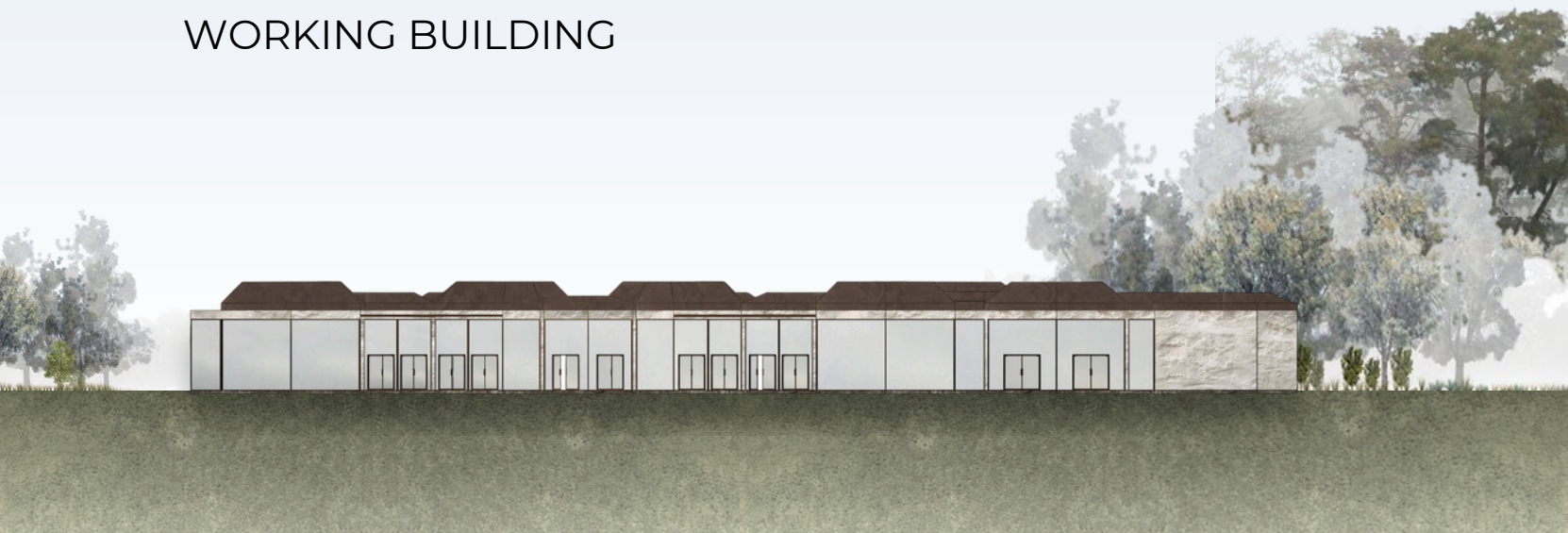
- Laboratory & Prototyping area
- Multi-purpose room
- Office Rooms
- Meeting Room
- Private Office
- Kitchen
- Outside scene

WORKING BUILDING



WEST ELEVATION

WORKING BUILDING



EAST ELEVATION



WORKING BUILDING



Nord-Isère project



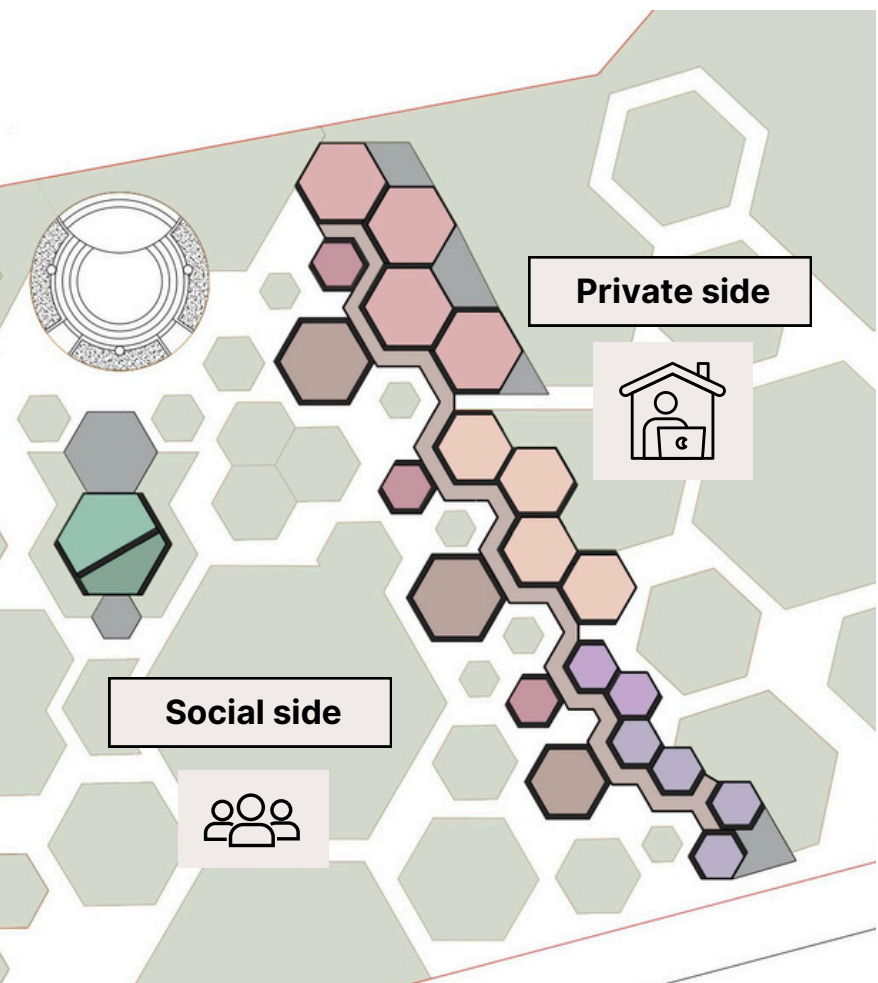
WORKING BUILDING



Nord-Isère project

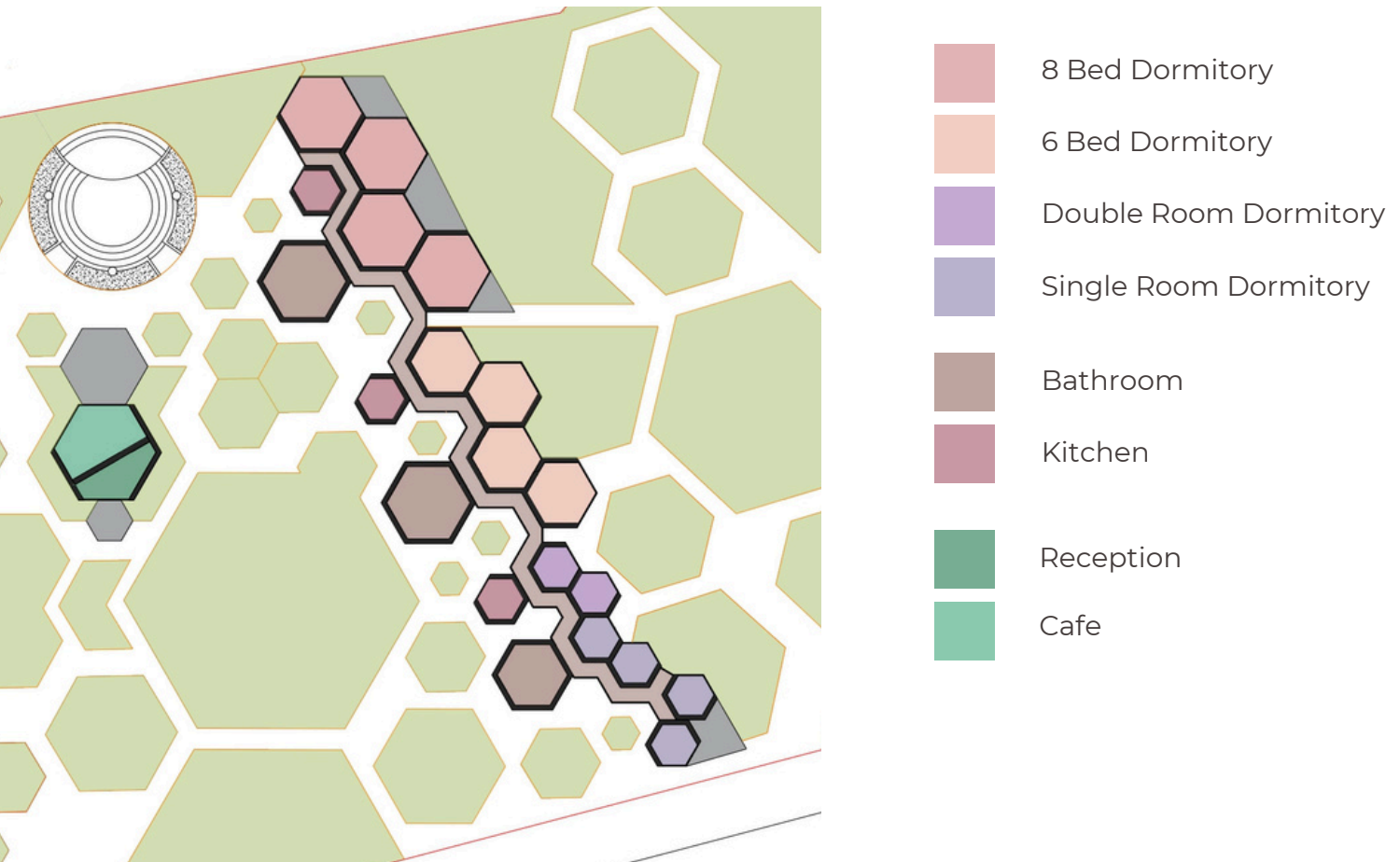
FLOOR PLANS

DORMITORY



FLOOR PLANS

DORMITORY

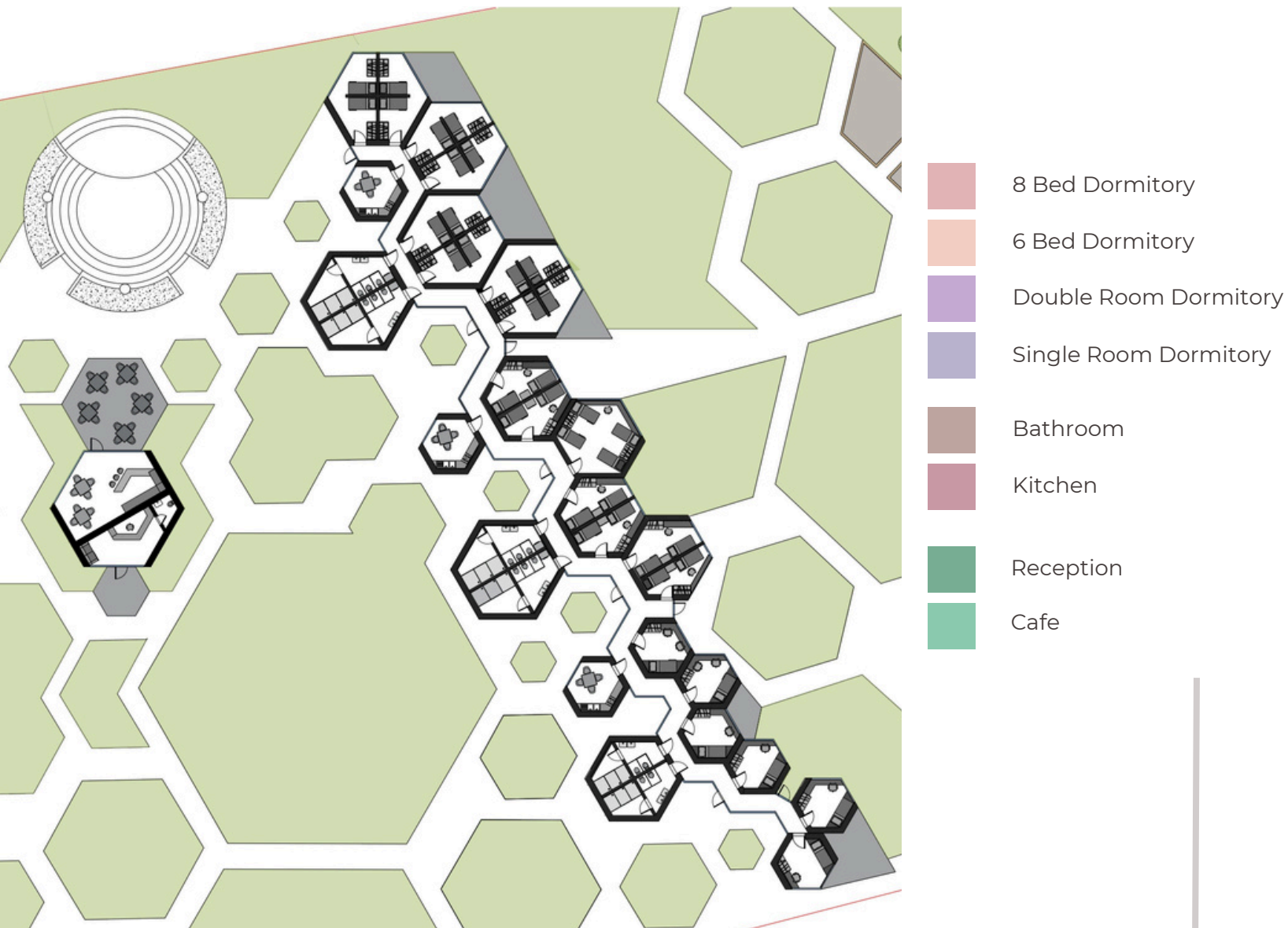


At the reception, students can choose and rent different living conditions in the dormitory.

The western part of the building is social, it contains a corridor, kitchens and toilets. The eastern part contains bedrooms.

FLOOR PLANS

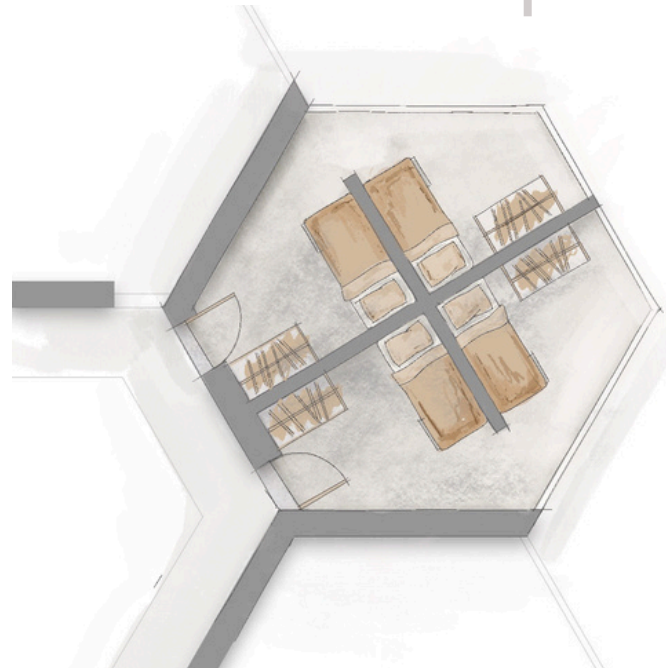
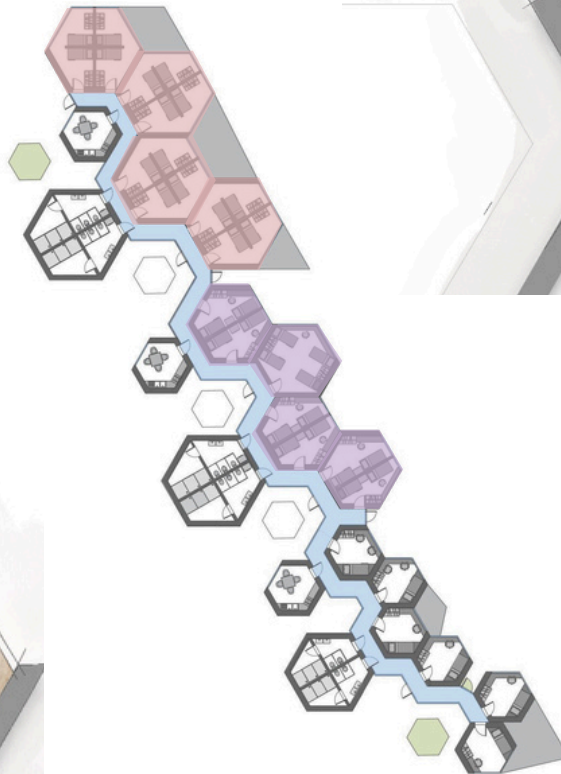
DORMITORY



DORMITORY

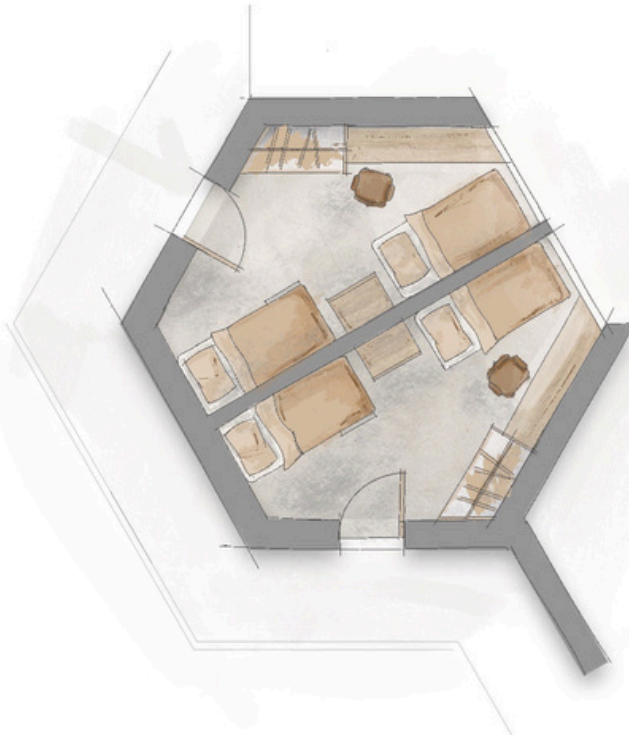
6 Bed Dormitory

1 bunk bed, 1 simple bed



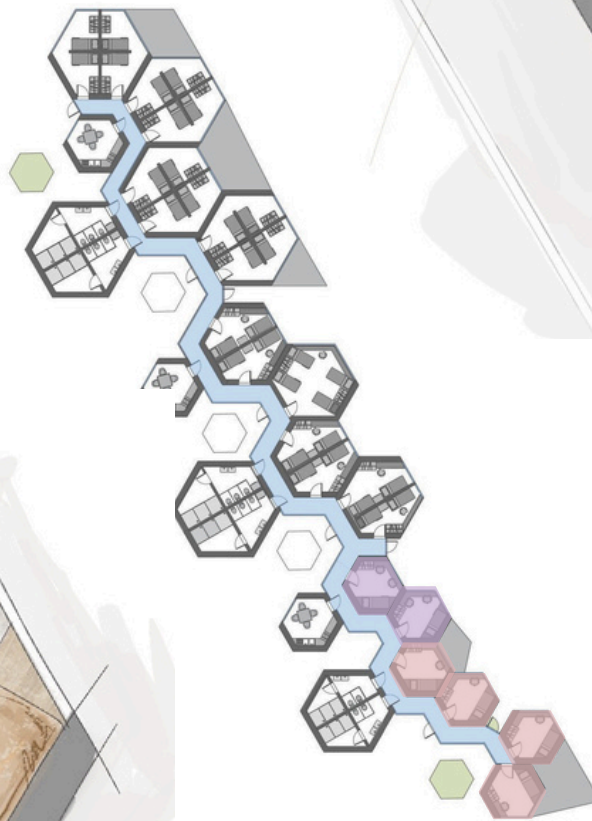
8 Bed Dormitory

bunk beds

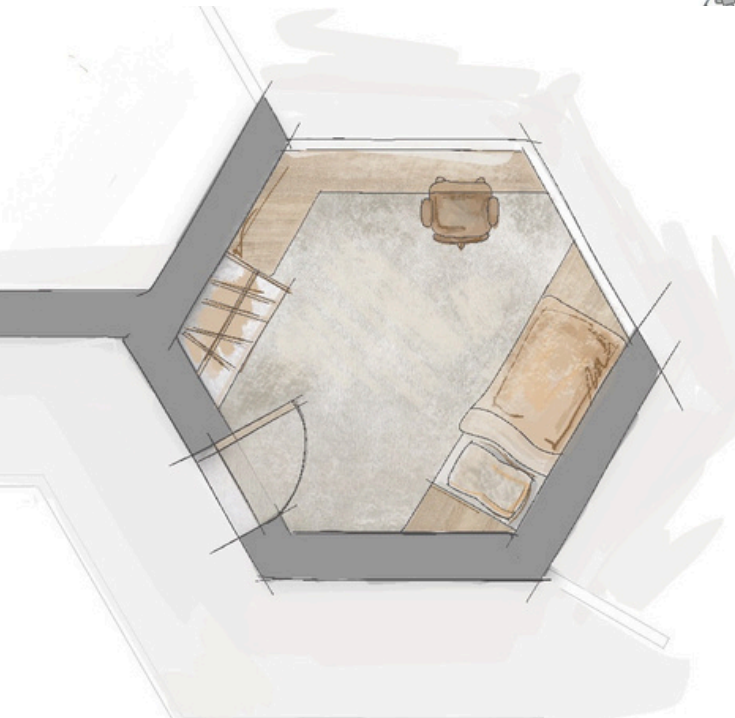


Nord-Isère project

DORMITORY

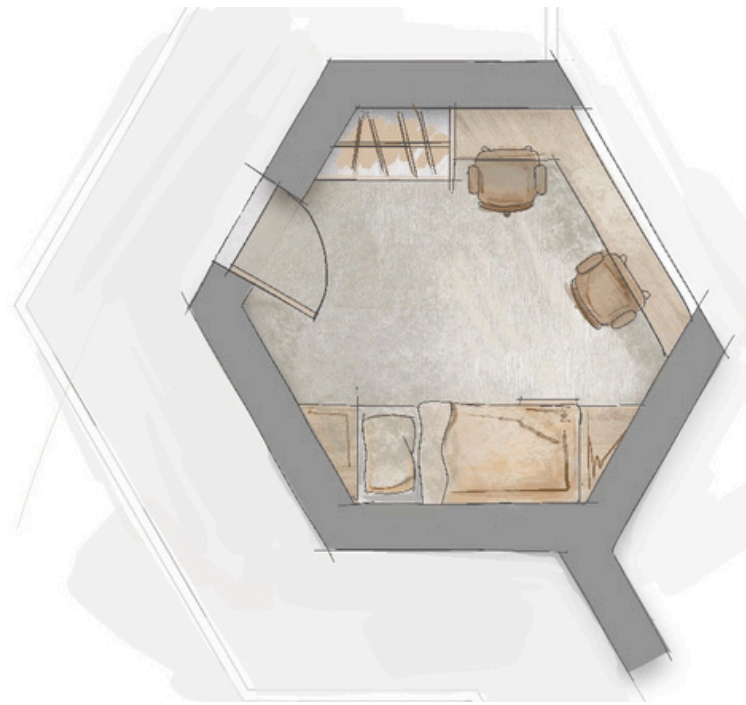


Single Room



Double Room

bunk beds



DORMITORY



DORMITORY - EAST

EAST ELEVATION

DORMITORY



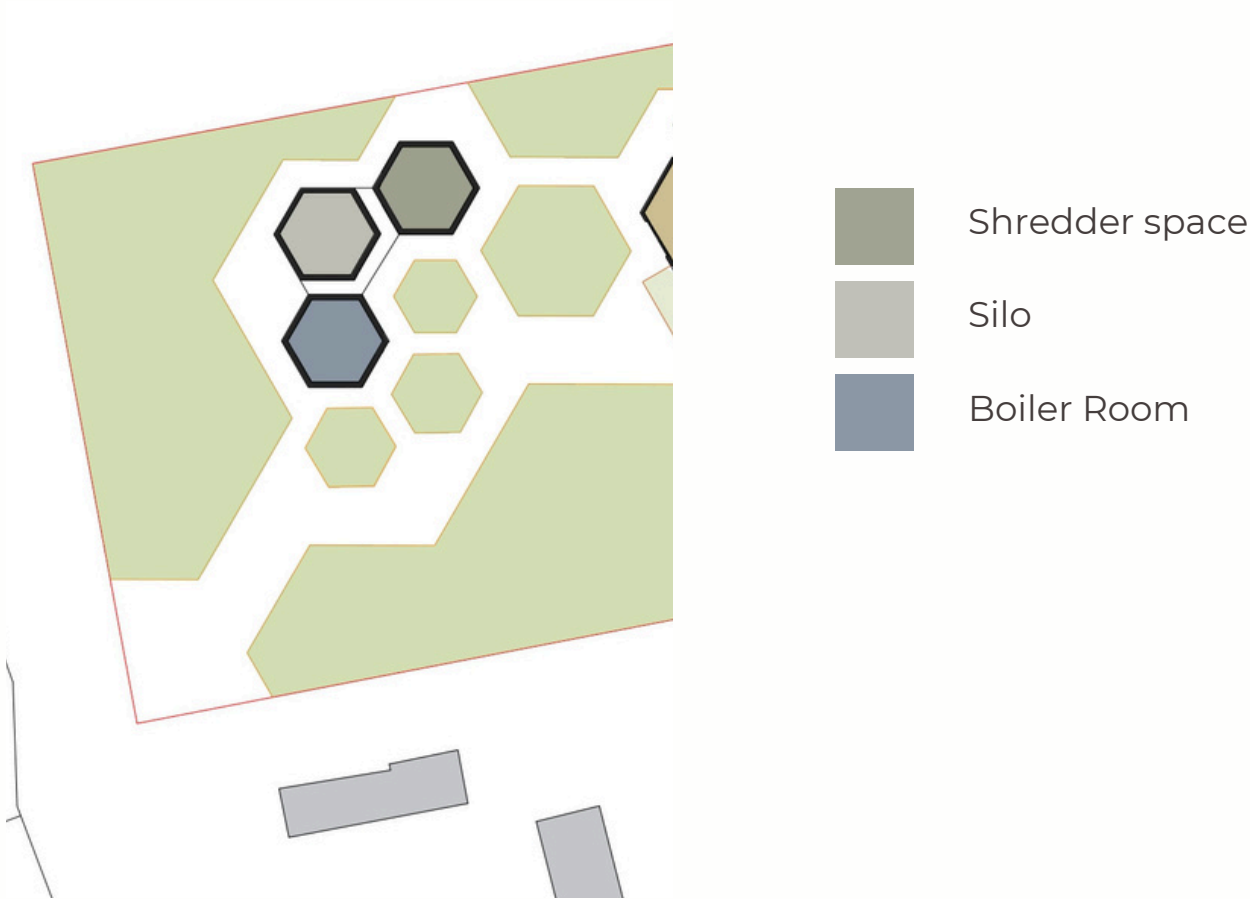
Nord-Isère project

DORMITORY



FLOOR PLANS

TECHNICAL ROOMS



MASTERPLAN



The area around the building follows a play of the hexagon shape. Paths run through the entire area, connecting the current GA building with the new buildings and the park. Paths also lead into the forest, where students can walk along forest trails. The area between buildings has tables with benches & gazebos for students and workers to rest.

The park owns:

- an exhibition of prototypes, models of students (triangles),
- a zone with garden beds and greenhouses to grow vegetables, field with apple trees,
- in the middle is a pound with swing benches,
- sports fields for paddle and zone with simulators and field for yoga.

Nord-Isère project

MASTERPLAN

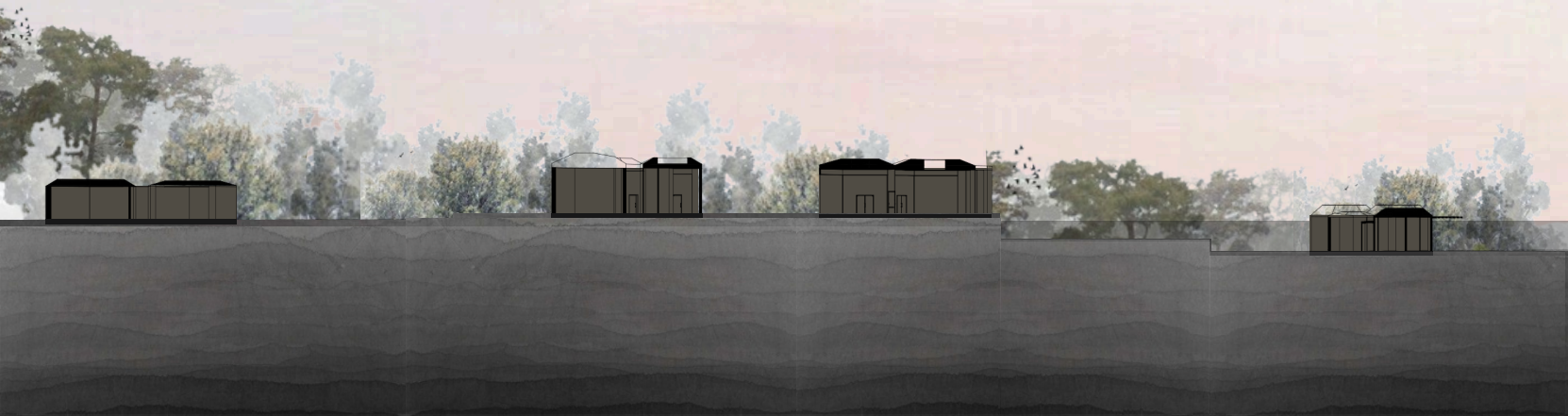


ENTRANCES



Nord-Isère project

MASTERPLAN



SOUTH SECTION

Nord-Isère project

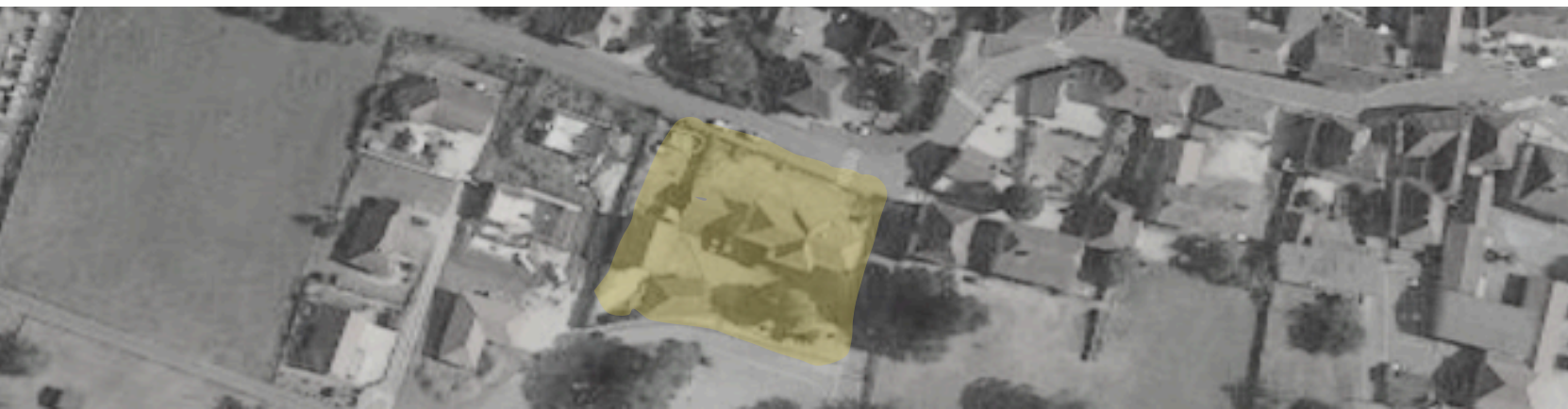
CHIMILIN

COMMUNITY BUILDING

THE BUILDING

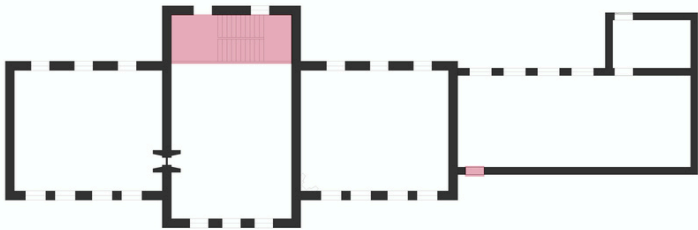
The building was once a girls' school but is no longer in use.

Our aim is to renovate the building, its interior space and yard into a multi-activity area, where will be space for local companies to work and local residents for a pleasant time spending.

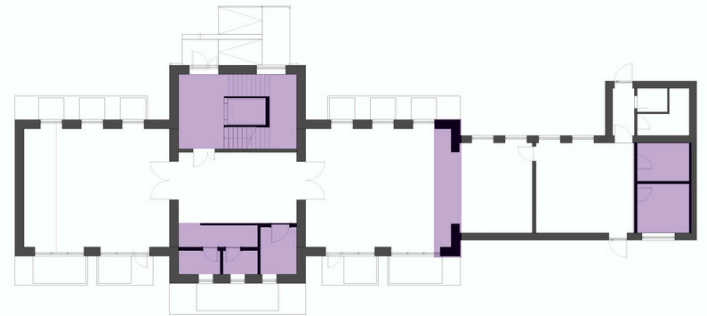
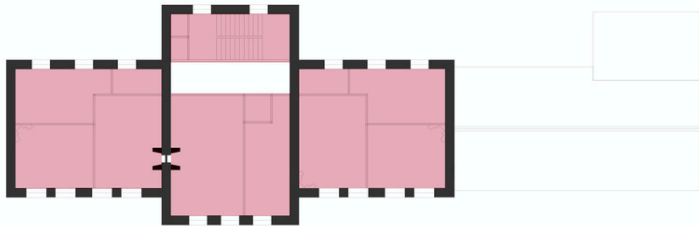


RESTORATION

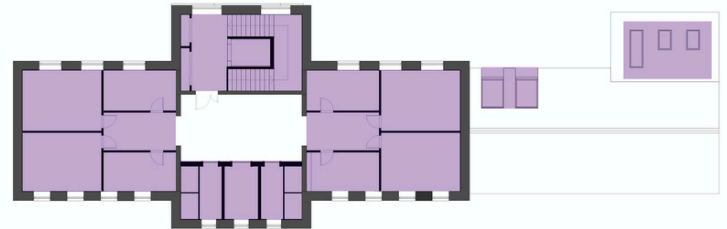
According to our renovation plan all the walls are removed and new walls are added, creating new spaces. The old staircase is also changed for a new one with an elevator in the middle. The disabled slope was added to entrance.



REMOVING

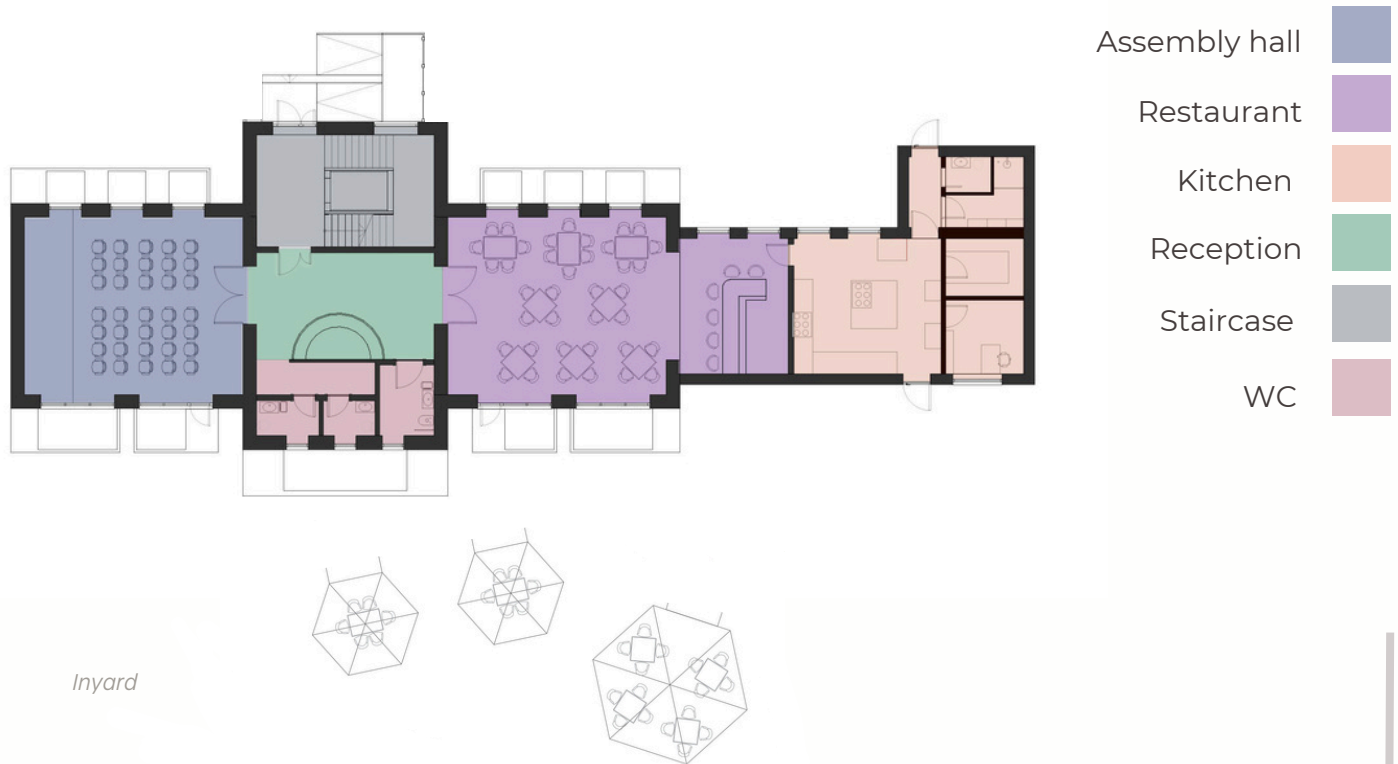


ADDING



RESTORATION

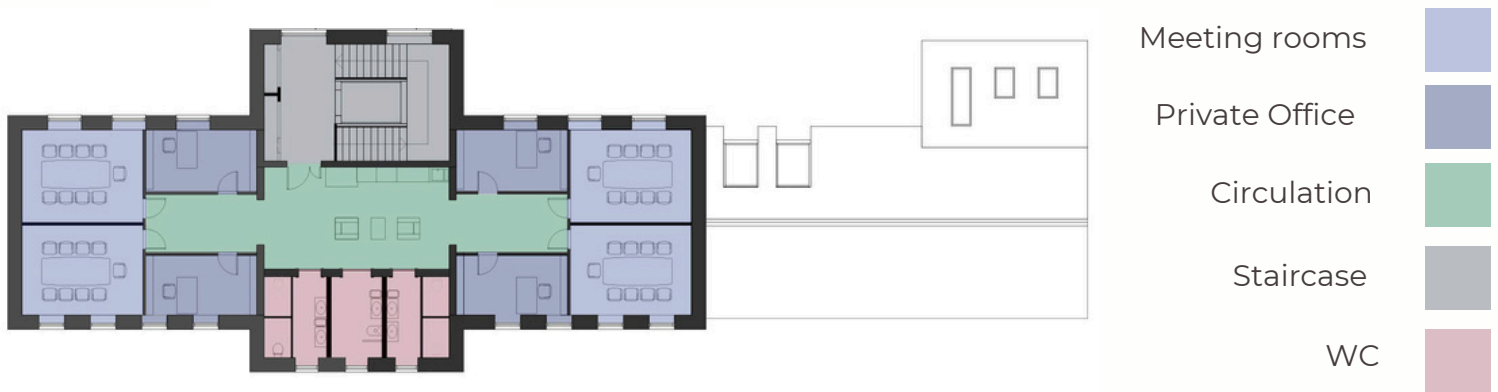
Entering the building the clients meet the reception. On the left is an assembly hall for local companies' events, concerts, regional parties. On the right is a restaurant with a bar. Clients can take a sit in the hall or in hexagonal glass gazebos outside. They are heated in the winter time and remove glass walls in summer time. Also, restaurant has a kitchen with refrigerator room, Chef's office, workers' changing room, toilet. Workers enter through another entrance. The basement became more functional and has more light. We added basement windows.

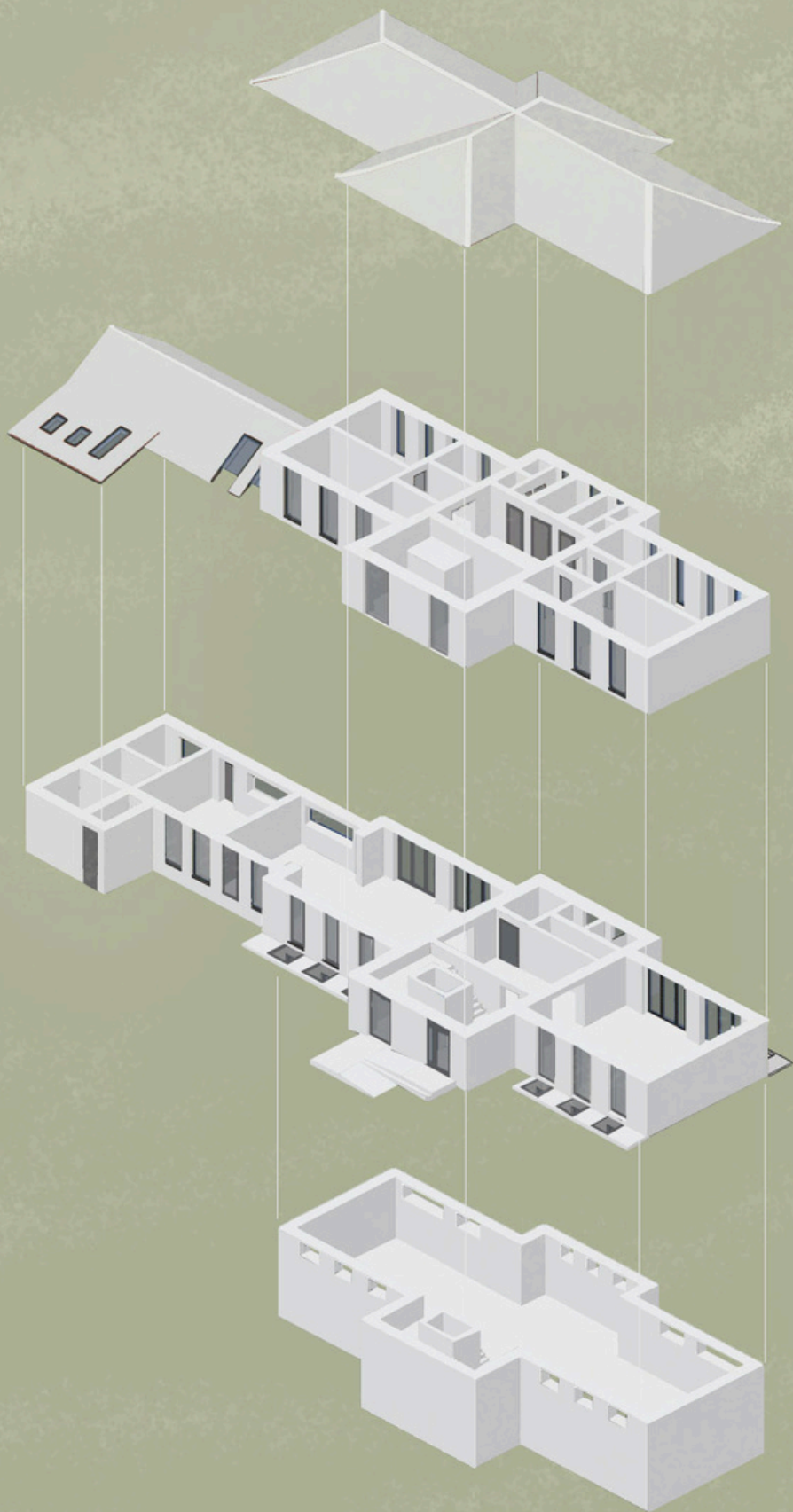


RESTORATION

On the second floor in both sides are meeting rooms for local brands to rent and private offices. Rooms are divided with movable glass walls. In the middle is a kitchen with armchairs for clients to wait or for workers to relax. In the zone of the staircase is a storage space and a wardrobe.

Windows on the roof are added to make the kitchen lighter.







EAST ELEVATION



Nord-Isère project

