

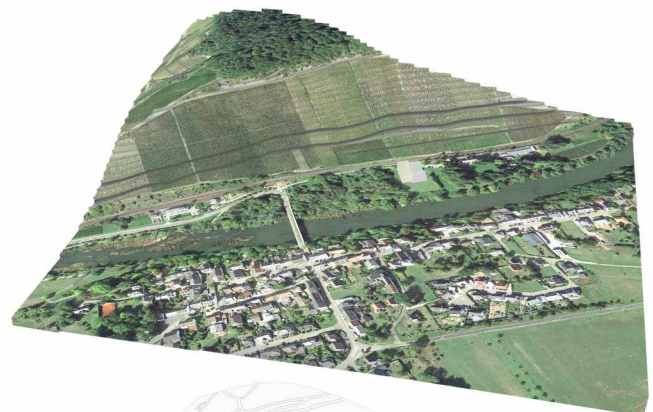
The location of the building was selected in the grass area of the site in order to respect the nature and keep as much as possible trees alive.

"Schwarzplan" is a good way of showing the relationship between the building and surrounding.

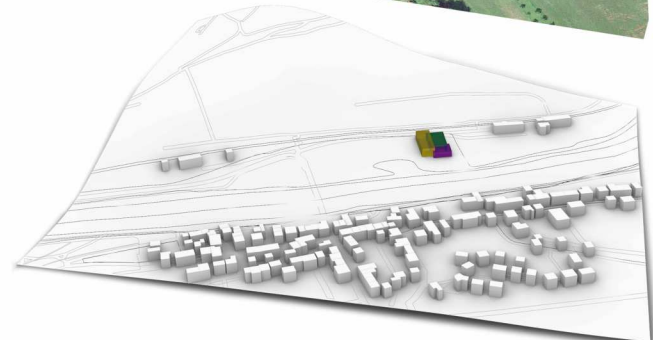
A section of the whole site is provided to show the spacial relationship between the building and surrounding.



M: 1.1000

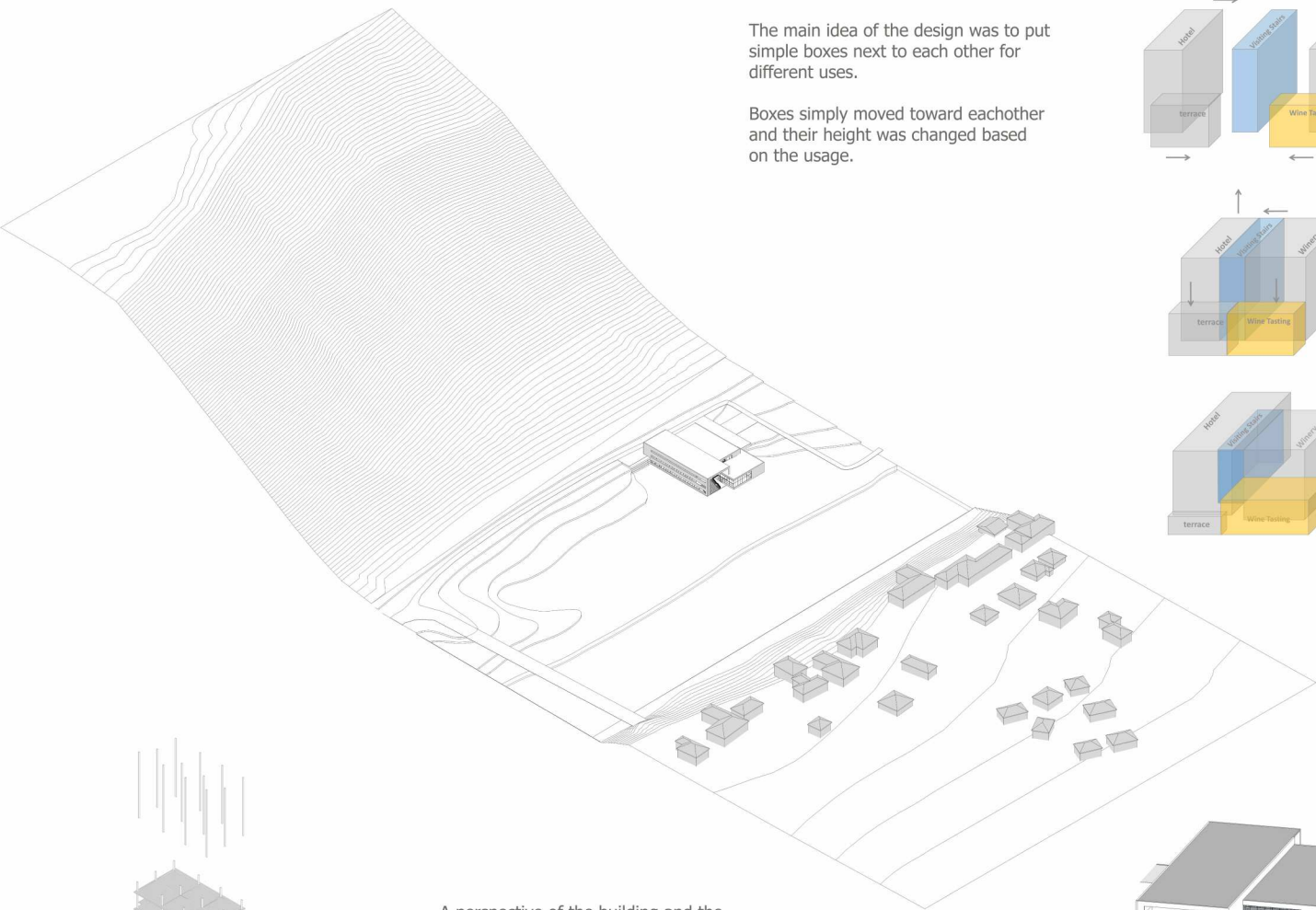
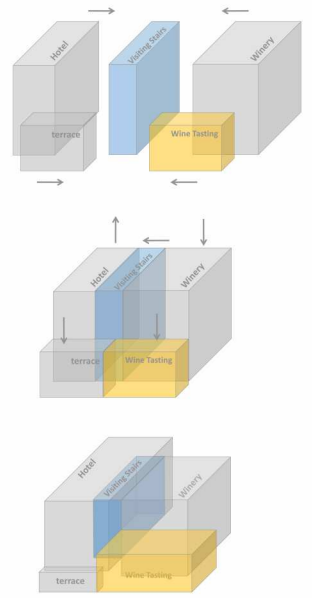


With the help of Google Maps and Google Earth a 3d view of the area is provided.
In these photos it is imagined how the building would look on the site and how it would interact with the mountain, wine gardens, village and neighbor buildings, especially the relation to the building on the west side.



The main idea of the design was to put simple boxes next to each other for different uses.

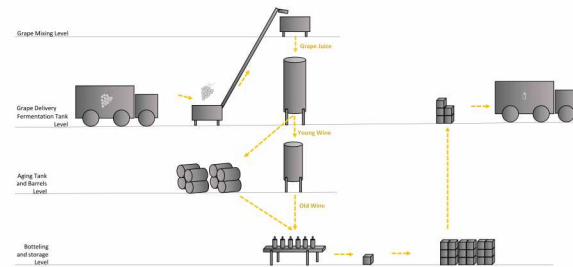
Boxes simply moved toward each other and their height was changed based on the usage.



A perspective of the building and the surroundings.

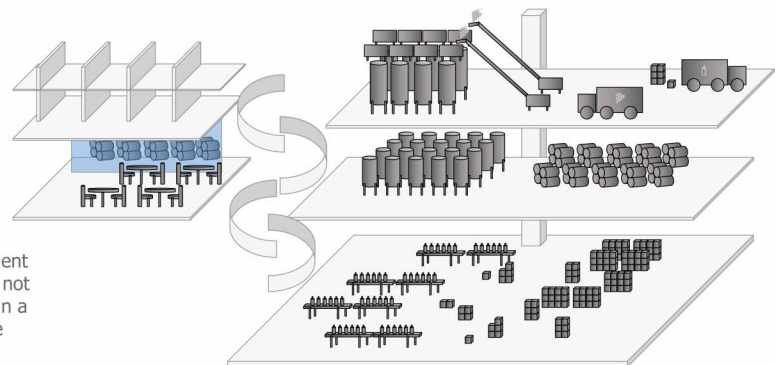
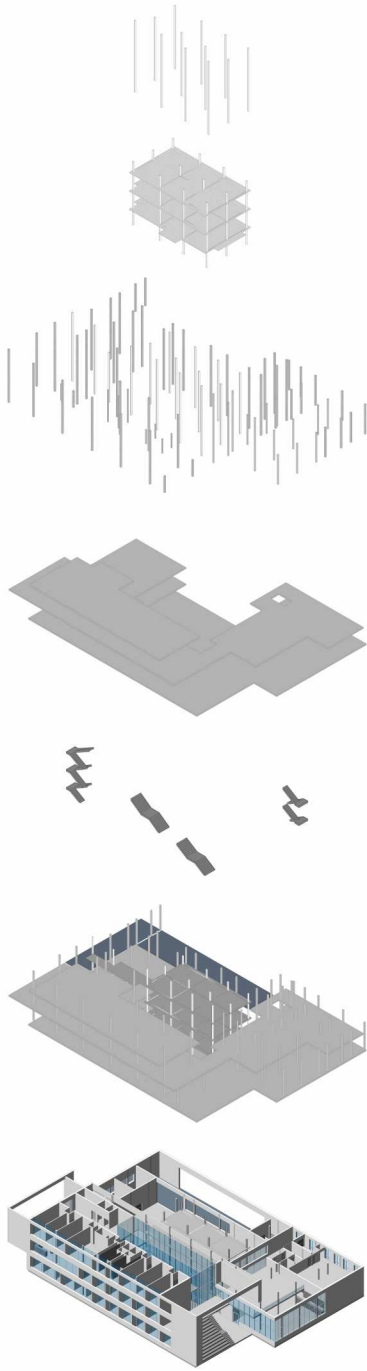
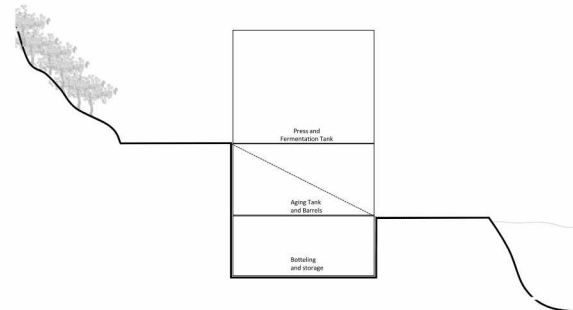


The importance of gravity flow winery is coming from the fact that pumping wine can decrease the quality of it. In this design the intention was to put the different steps of wine production in different levels in order not to use any pump for transporting the liquid.



With the help of topography of this site it was possible to arrange the factory in 4 different levels to have gravity finished wine.

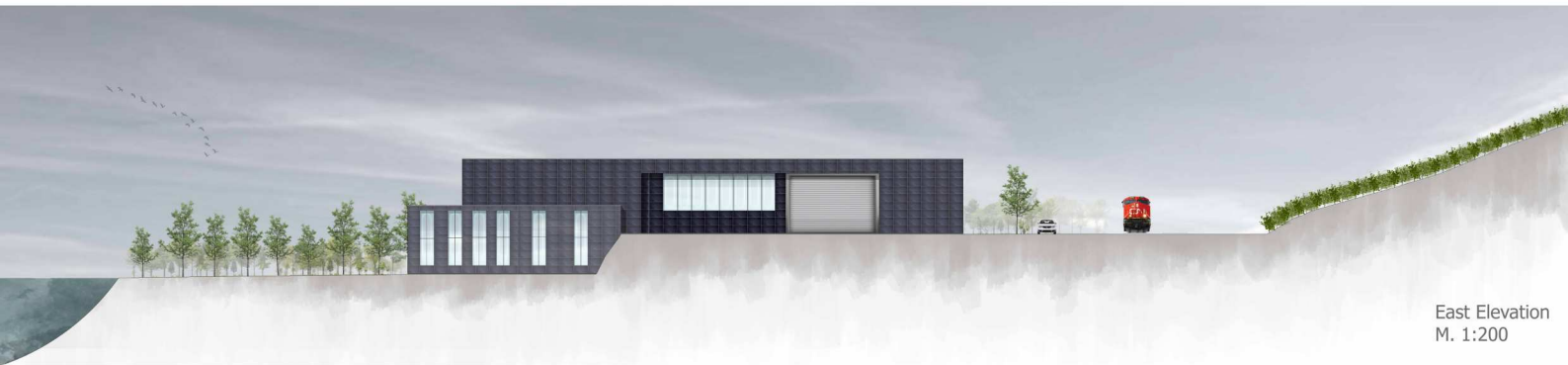
In order to have the best arrangement for the winery, the whole factory was designed on a separated structure in middle of a void to give access to hoses. Then other parts of the building were designed around that shelf.



The first concept was an arrangement of four levels and it was important not to hide the barrels but keep them in a room that gives a good view to the restaurant and bar.



East Elevation
M. 1:1000



East Elevation
M. 1:200

A section toward the north side shows the structure of the shelf and the organisation of different levels of the factory. It also shows how the stair box is located next to the void and the rest of the building surrounded these two.

The main entrance of the factory is at the east side of the building, It opens to the delivery hall right next to the fermentation tanks. In this perspective the organisation of the factory as a shelf is shown.





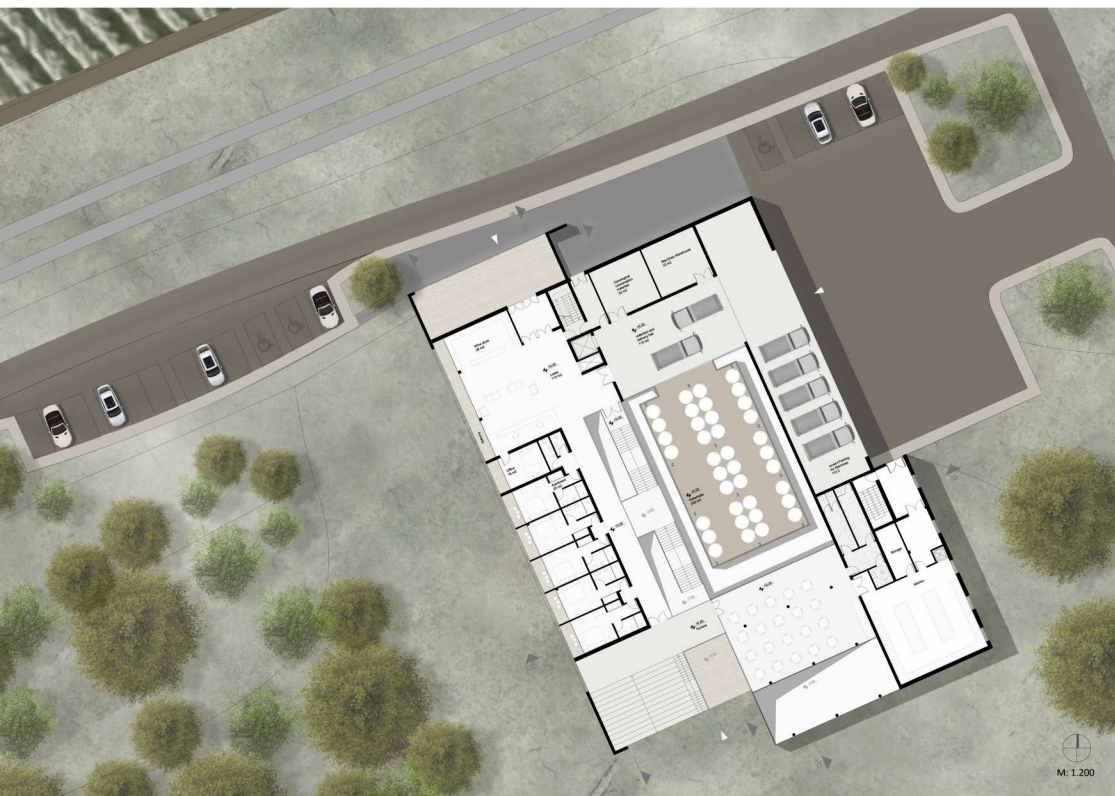
Lobby
The view of reception and the visitors stair box

Ground floor

Located at the east side of the building is the factory yard with a parking area for employees and a covered parking area for machines. there is the entrance for the factories collection and delivery hall. Directly next to the entrance are two storages located.

The elevator door is right in front in order to transport the grapes to the pressing machines, bottles to filling hall or boxes to the transportation hall. There is also a stairbox for employees to access all other levels.

From the factory yard there is also the door to the kitchen of restaurant as well as the stair box which goes to level -2 . At the north side of the building, next to the visitors parking area, the main entrance is located. It is opened to the wine store and lobby.



Ground Floor

Next to the reception is the heart of the building located, the visitor stair box which is covered with curtain walls in order to give the best view possible to the factory and also provides them with a view to the river while walking down the stairs.

Five hotel rooms are also in this level along the hallway which is also the access to the terrace and restaurant.

The main entrance of the building is north oriented and is directly at the street to have an easy and fast access for pedestrians .



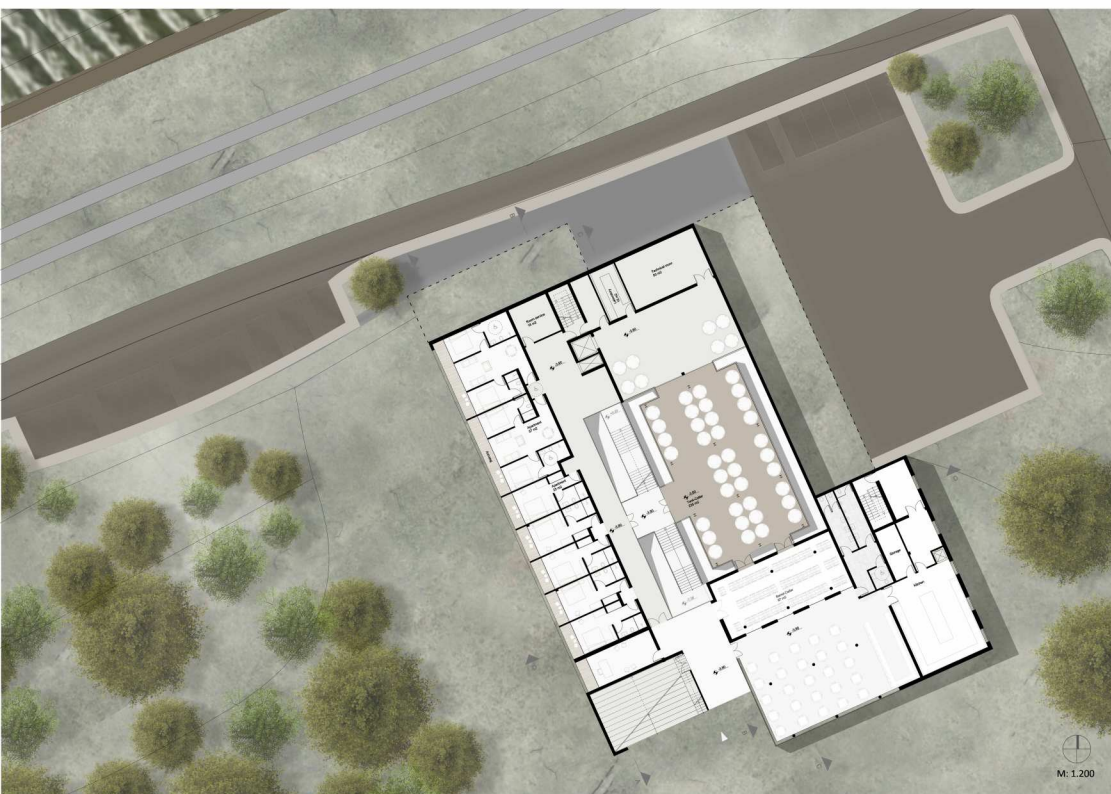


The view from the restaurant and bar to the barrel storage. This view was initially important to give a view to the production for visitors without entering the area. This room is isolated and having these windows it became like a show room.

The outside stairs locating on the south side of the building are providing both a connection between floors and a platform with the shape of stairs instead of just a terrace to enjoy the outside environment. Visitors can grab a glass of wine and sit on these stairs and enjoy the good weather. Stairs are located under a roof in order to provide a shelter against rain and sun.



South Elevation
M. 1:200



Level -1
M. 1:200

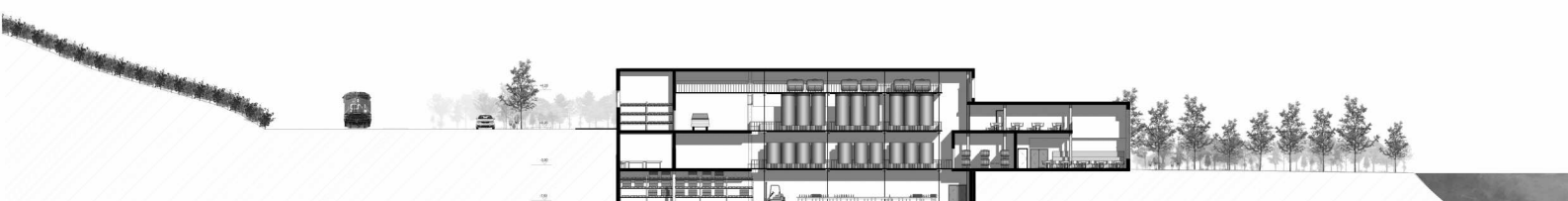
Level -1

Using the advantages of topography this level is partly underground and partly on the ground.

on the east side of the plan is the aging tanks level on the factory shelf and next to it is the technical room and the laboratory. Also the barrel storage is located in this level as a isolated box, facing the factory from one side and facing the restaurant from the other side.

At south side of the plan restaurant and bar is located which is on the ground and has access to the landscape and river side.

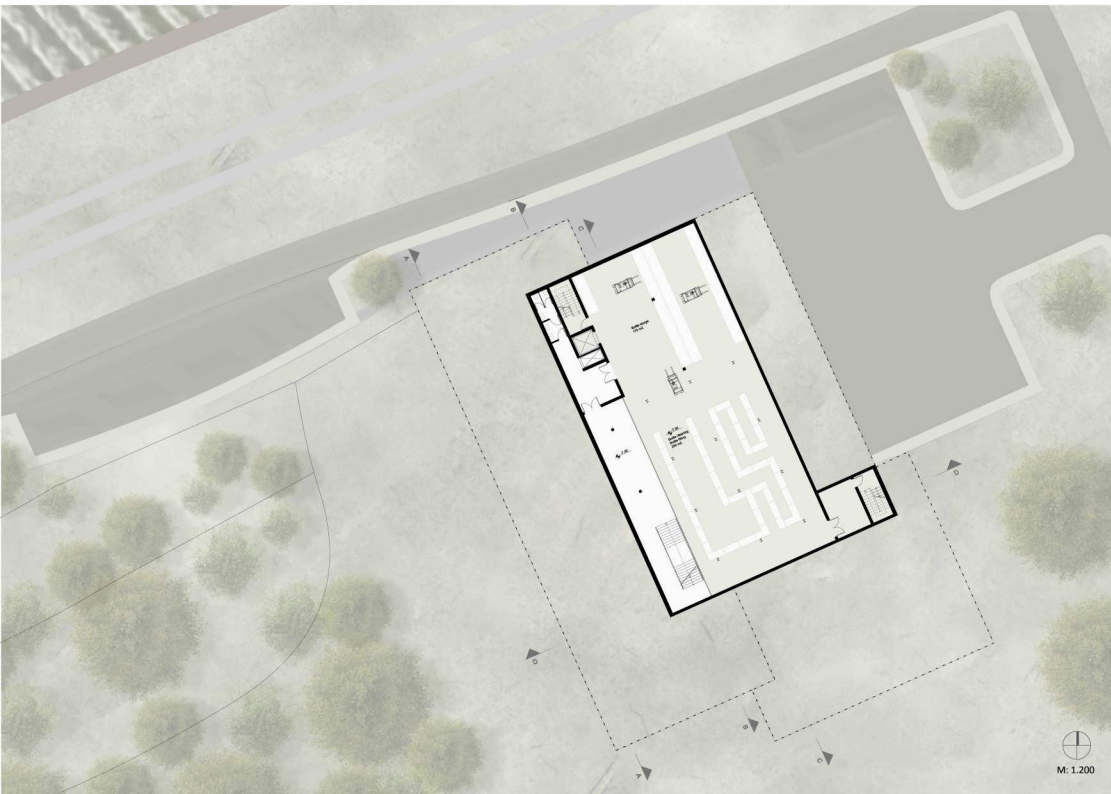
Visitors have access to this level by the elevator and the stair box. There are 5 other hotel rooms located at this level plus 2 suites which are designed with barrier free bathrooms.



The visitor stair box is the heart of the building. It works not only as a vertical connection through levels but also as a walking gallery of wine production.

It is covered by curtain walls to give a full view from top to down. Also people accomodating in the hotel, the moment that they are out of their room they see the factory behind the glasses and that is how the sleep over in winery becomes real.

The void provided next to the stairs is also giving a great view to the whole stair case, which is a sculptural element, from every level.



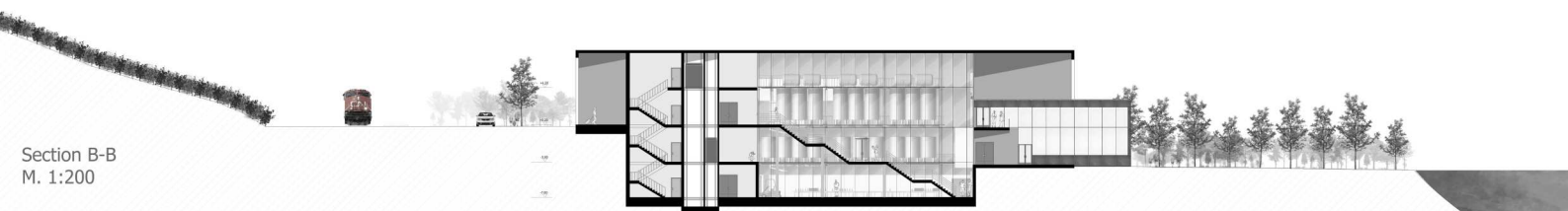
Level -2

Bottle cleaning and bottle filling machines will be located at this level right under the factory shelves in order to use the gravity to bring the wine from tanks and barrels to bottles. next to this area is the storage for bottles and boxes. There is a direct acces from storage to the elevator in order to transport the boxes and bottles.

Accessibility to this area is by the main staircase and elevator and also the second stair case which is connected to outside.

This level is also the last level of the visitor stair box, which gives them a great view through the curtain wall. It is also accessible with the visitor elevator. The communication between stair box and the factory at this level is limited and oriented carefully due to the isolation of the bottle filling area.

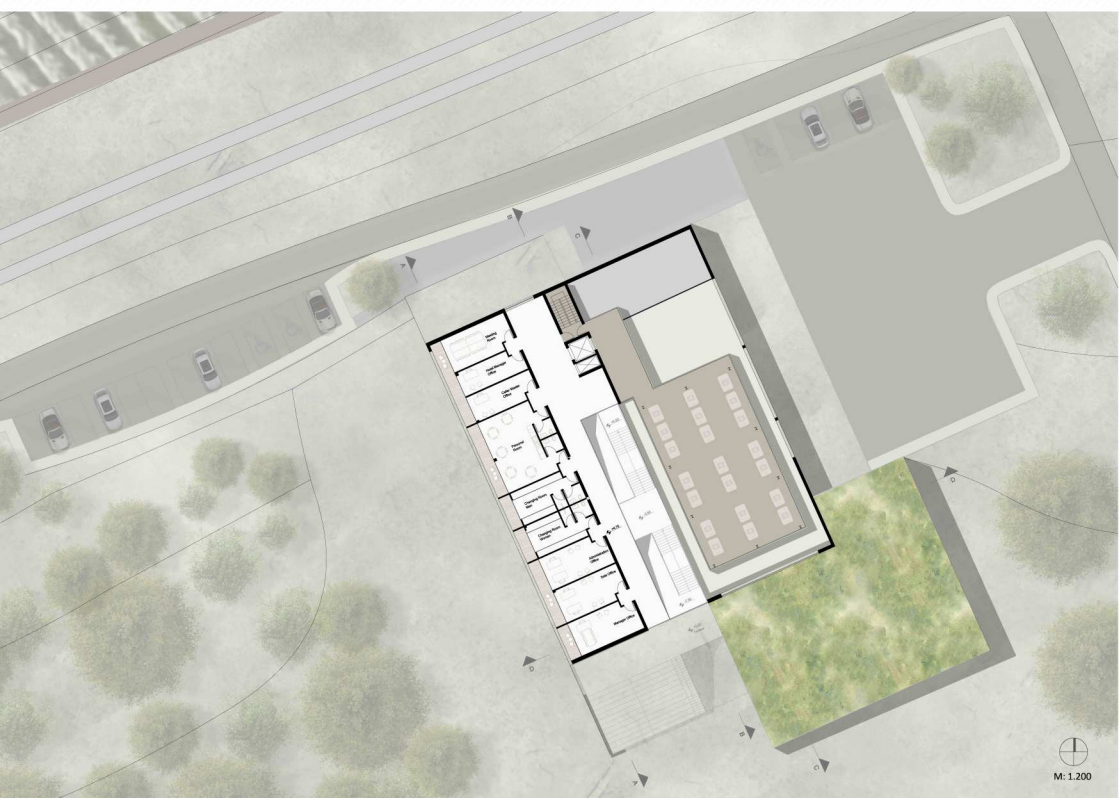
Second public bathroom for men and women is placed at this level to give service to both visitors and Employees.



Section B-B
M: 1:200



Section A-A
M. 1:200

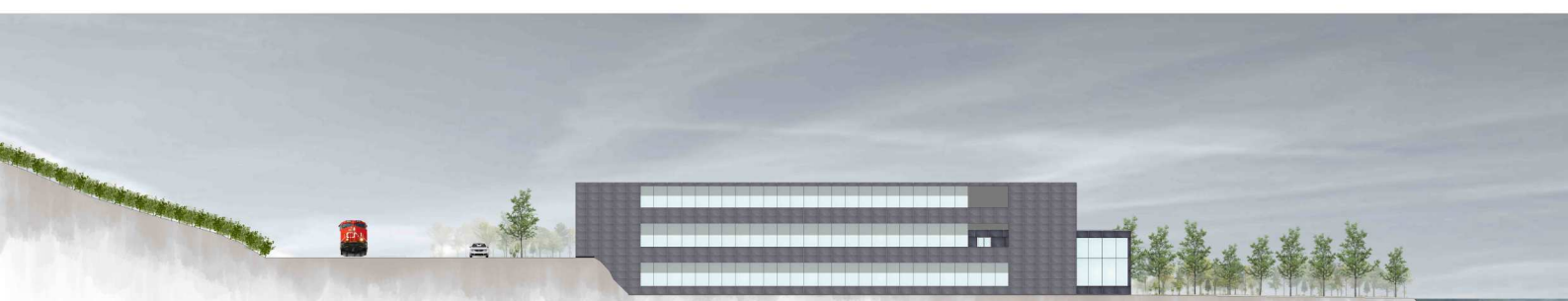
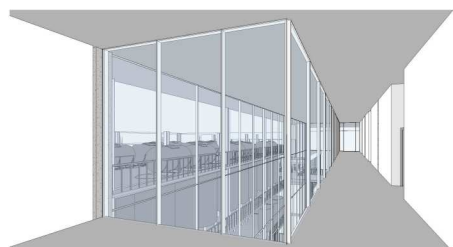


Level -2
M. 1:200

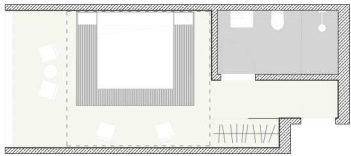
Level 1
at the east side of the plan is the higher level of the factory shelf located. this is the area for grape pressing machines which is accessible by the factory elevator and stair case.

An area is located on top of the lobby and hotel rooms to provide the offices and changing rooms. It has access for employees through the factory stair case and elevator and is also connected to the lobby by the visitor elevator.

there is a great view to the factory and the visitor stair box from this level which is an advantage for the management team to be able to observe the whole atmosphere. Also there are two big windows at both ends of the hall way to give a view to the main entrance as well as river and terrace.



West Elevation
M. 1:200

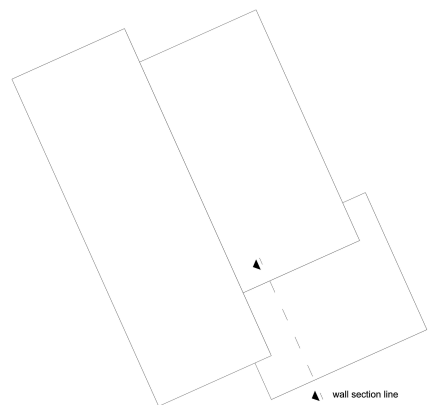
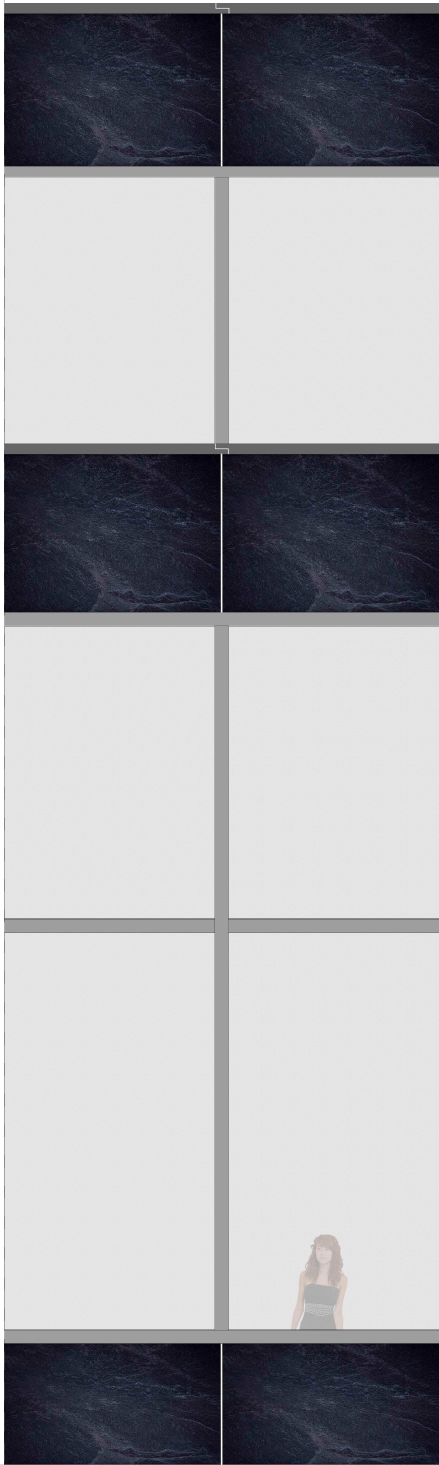


The hotel rooms which are West oriented and all have balconies with a view to the trees.



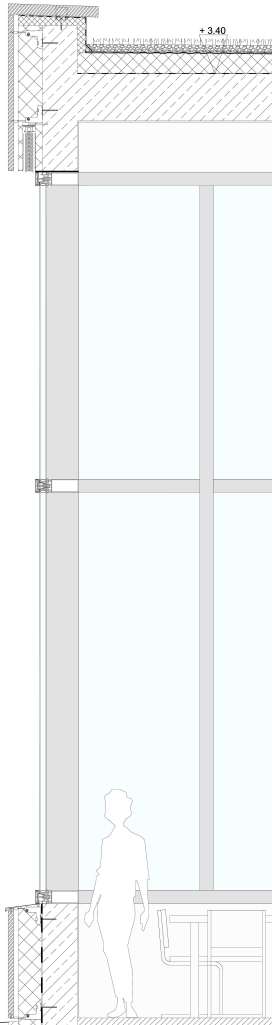
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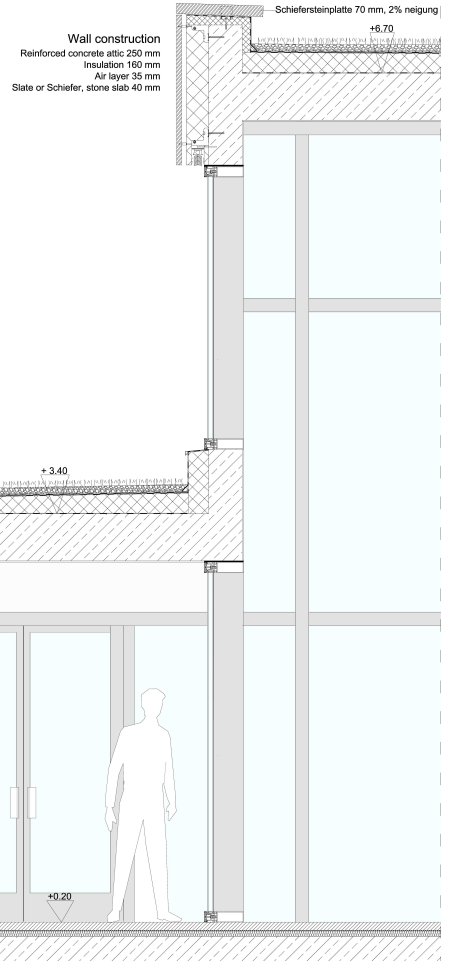
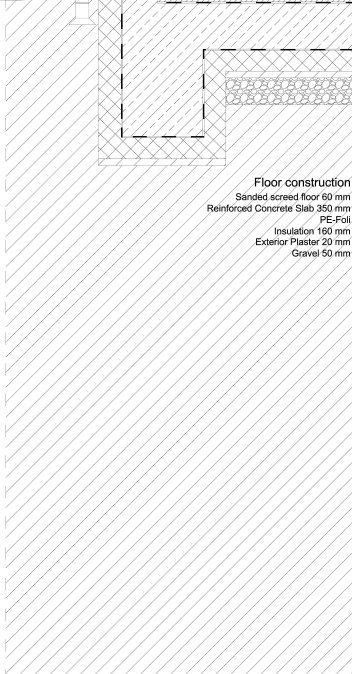


▲ wall section line

Roof construction
 Gravel 50 mm
 Protective mat 10 mm
 Bitumen sealing membrane, 2-ply EP3, EP4 WF
 Thermal insulation 150 mm
 Bitumen sealing membrane, 1-layer EP3, EP4 WF
 Concrete ceiling 350 mm
 Concrete ceiling 350 mm
 Interior plaster 10 mm



Floor construction
 Sanded screed floor 60 mm
 Reinforced Concrete Slab 350 mm
 PE-Foil
 Insulation 160 mm
 Exterior Plaster 20 mm
 Gravel 50 mm



Floor construction
 Sanded screed floor 60 mm
 PE-Foil
 Impact Sound Insulation 40 mm
 Concrete Slab 200 mm
 Interior plaster 10 mm

