



DESIGN STUDIO EFLER
DEPARTMENT OF
ARCHITECTURAL CONSERVATION
FA CTU IN PRAGUE

ROUSSEL ALEXIS, FRANCE
EDEN PARK AND SPA
LOUKOV - REGENERATION
WINTER SEMESTER 2022/23

SITE PRESENTAION

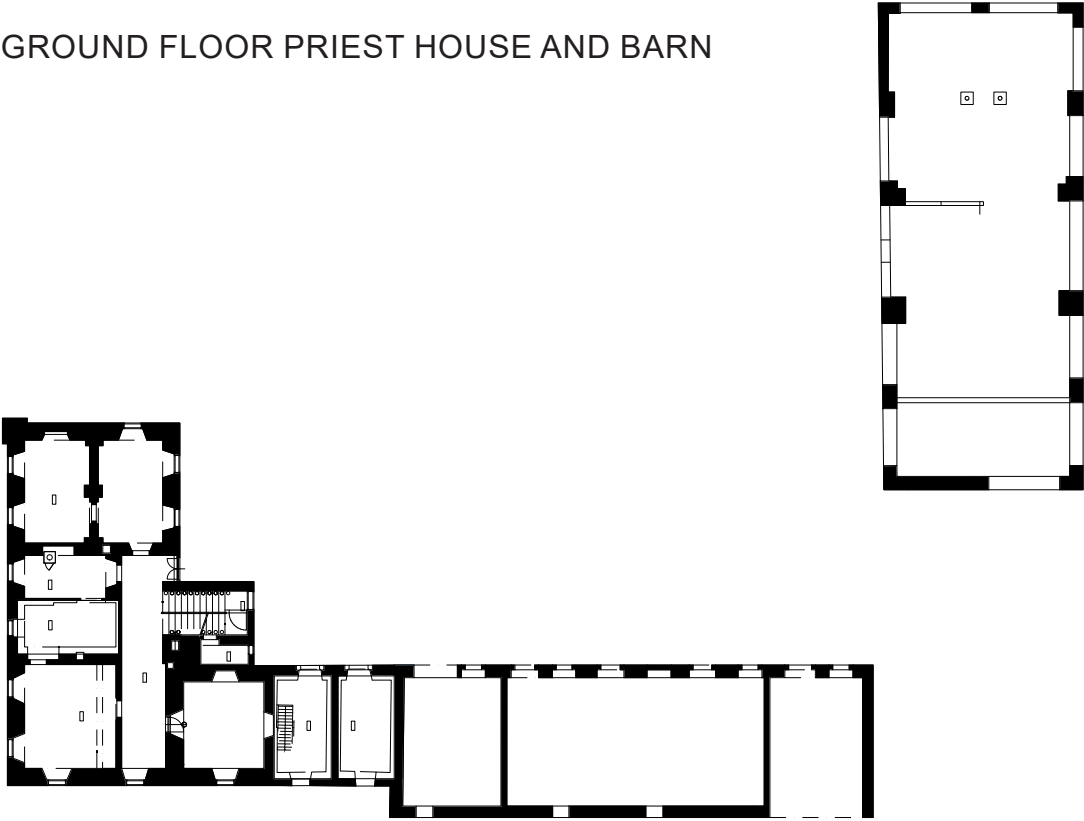
Lukov is a municipality in the Mladá Boleslav district of Central Bohemia in the Czech Republic. The municipality is located 68 km northeast of Prague. It is limited by Sezemice in the north-west, by Svijany in the north, by Žiár in the east, by Březina in the south and south-west, and by Loukovec and Koryta in the west. The site itself is located next to the village church, it is a house of loan.



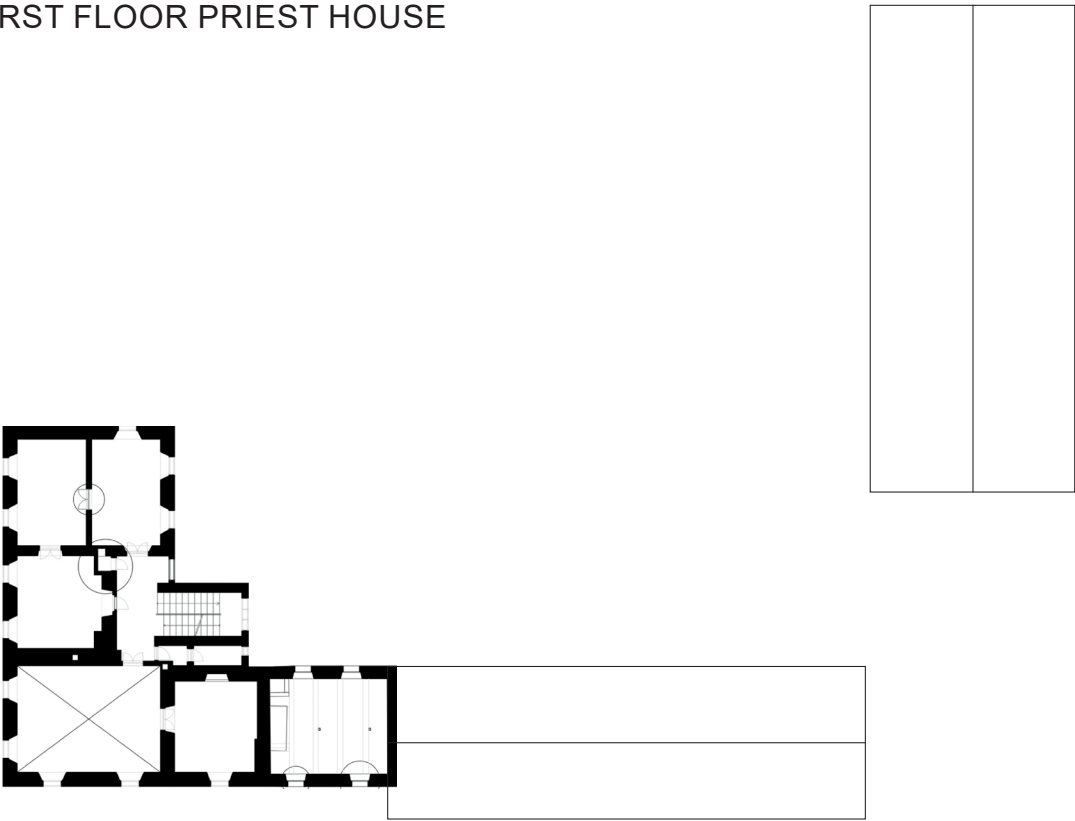
CURRENT STATE

The site consists of two buildings, the first, the priest's house with a stable, the second is a barn serving as debarras for the moment. The two buildings are eaten up by time, this project is an opportunity to give back to this place all its value and also to propose to the municipality, a new dynamic and new activities

GROUND FLOOR PRIEST HOUSE AND BARN



FIRST FLOOR PRIEST HOUSE



CONCEPT

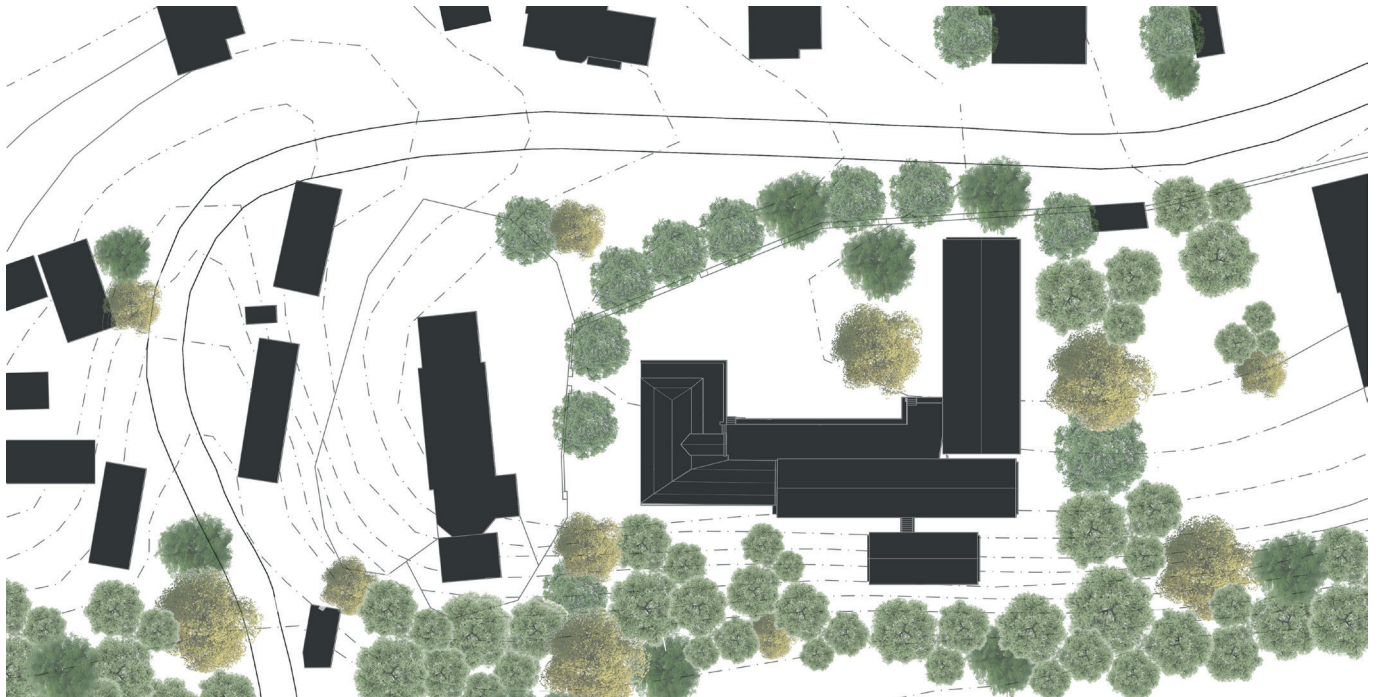
My project is located in the village of Loukov, municipality of Mladá Boleslav district, in the Central Bohemian region of the Czech Republic. The latter consists in the rehabilitation of the priest house as well as the barn both located next to the church.

The concept behind Eden Park and SPA is to attract a younger population, to create new dynamics in the surroundings and to offer the inhabitants a gathering area for various events. Its name echoes the famous Garden of Eden, a wonderful garden where Genesis places the history of Adam and Eve according to Jewish and Christian traditions or, in other words, paradise.

The Priest house features multi-purpose rooms as well as dormitories for skatepark users, its extension on the ground floor is transformed into a SPA with the addition of an additional riverside building to complete the latter. The main openings are turned towards the river to strengthen the link between the SPA and the river. This choice also allows users to reconnect with nature, and, by keeping the initial course-side openings, to offer SPA users more privacy. The roof structure of the SPA is completely redone.

The barn keeps its initial envelope and is extended to accommodate the skatepark, changing rooms and a bar. The roof is completely renovated, and a new building is enclosed in the original barn walls to allow the skatepark to be covered and insulated in winter. Finally, the course is redesigned to accommodate several terraces on which users can relax.

SITE PLAN

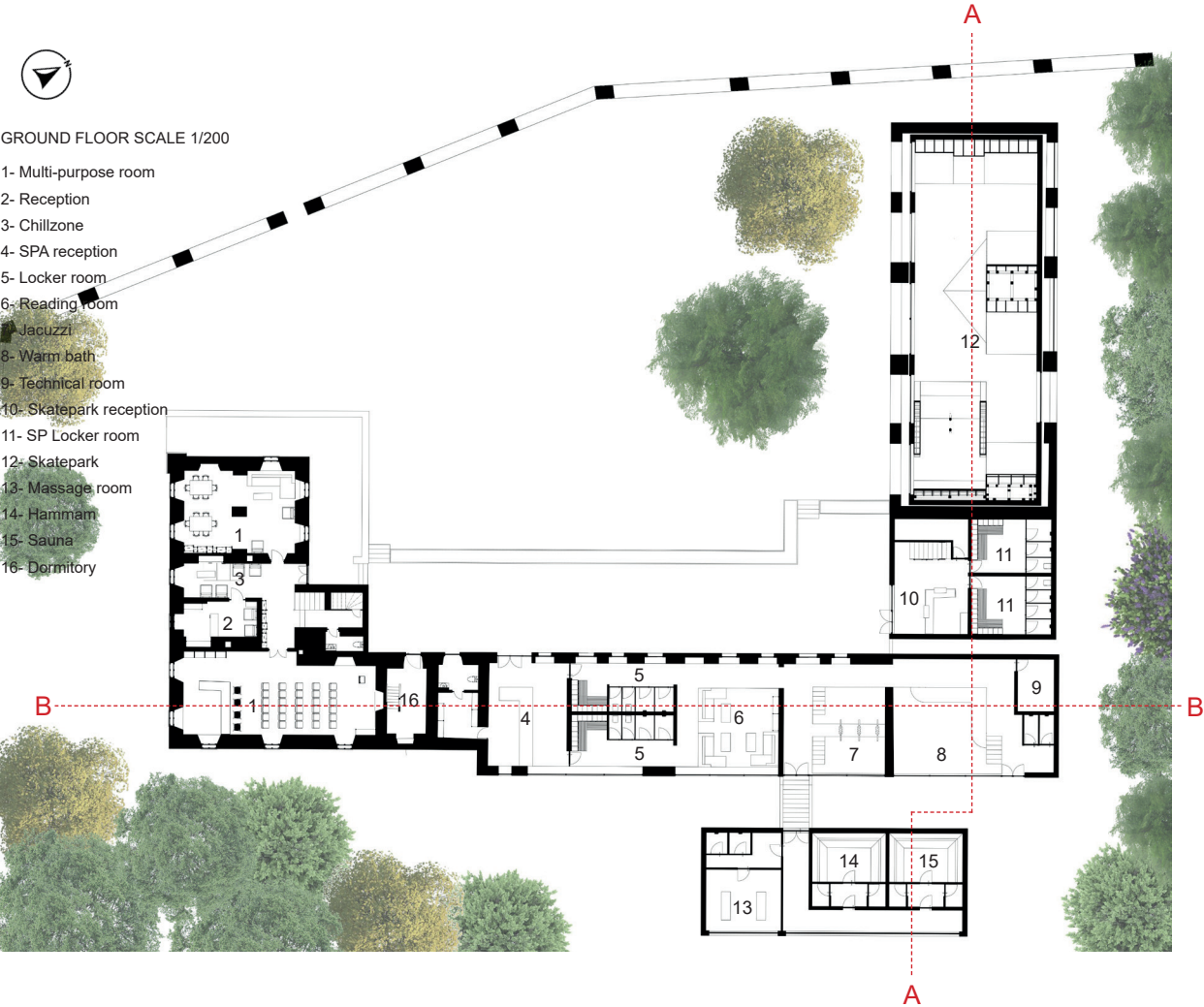


FLOORS



GROUND FLOOR SCALE 1/200

- 1- Multi-purpose room
- 2- Reception
- 3- Chillzone
- 4- SPA reception
- 5- Locker room
- 6- Reading room
- 7- Jacuzzi
- 8- Warm bath
- 9- Technical room
- 10- Skatepark reception
- 11- SP Locker room
- 12- Skatepark
- 13- Massage room
- 14- Hammam
- 15- Sauna
- 16- Dormitory

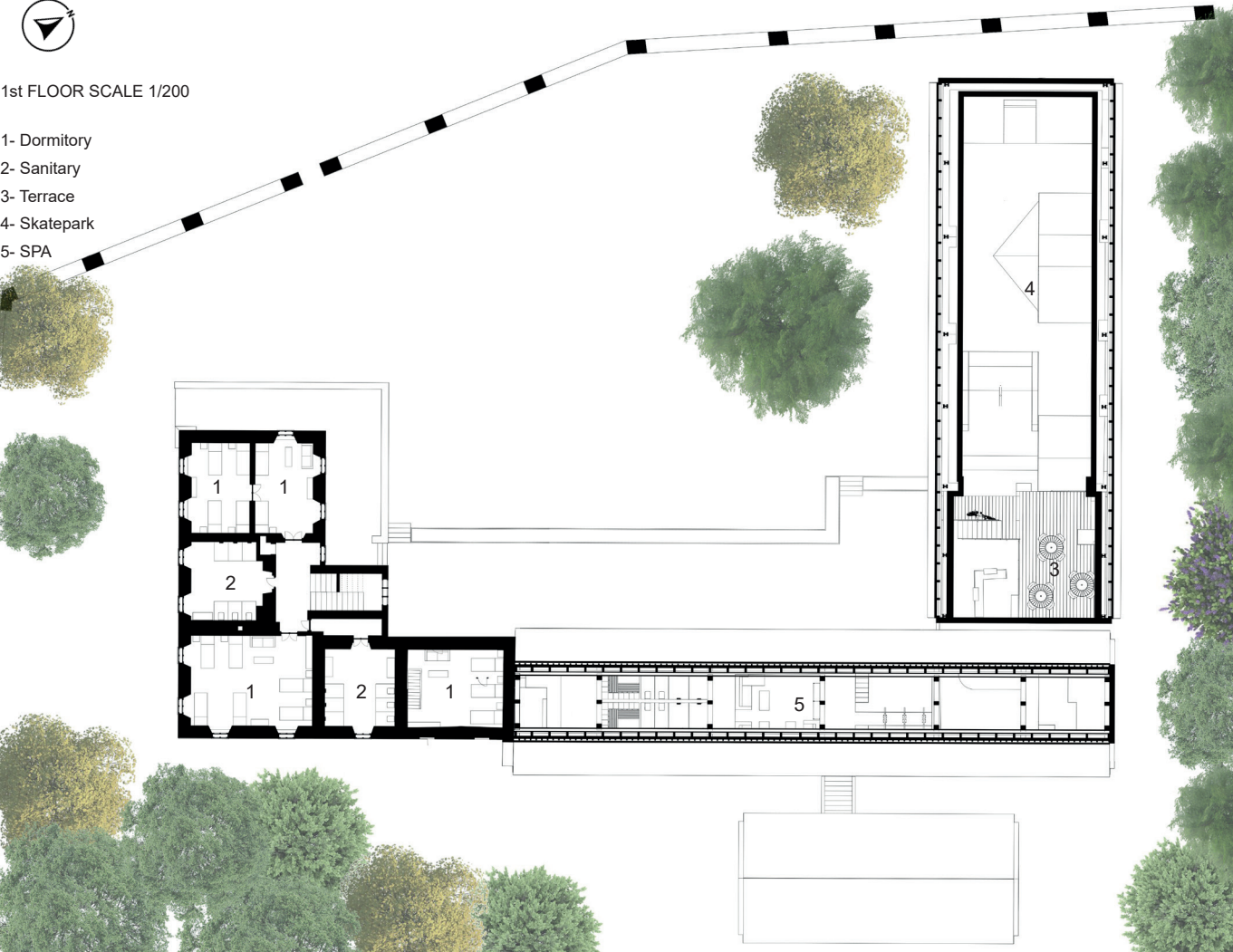


FLOORS



1st FLOOR SCALE 1/200

- 1- Dormitory
- 2- Sanitary
- 3- Terrace
- 4- Skatepark
- 5- SPA



FRONTS AND SECTIONS

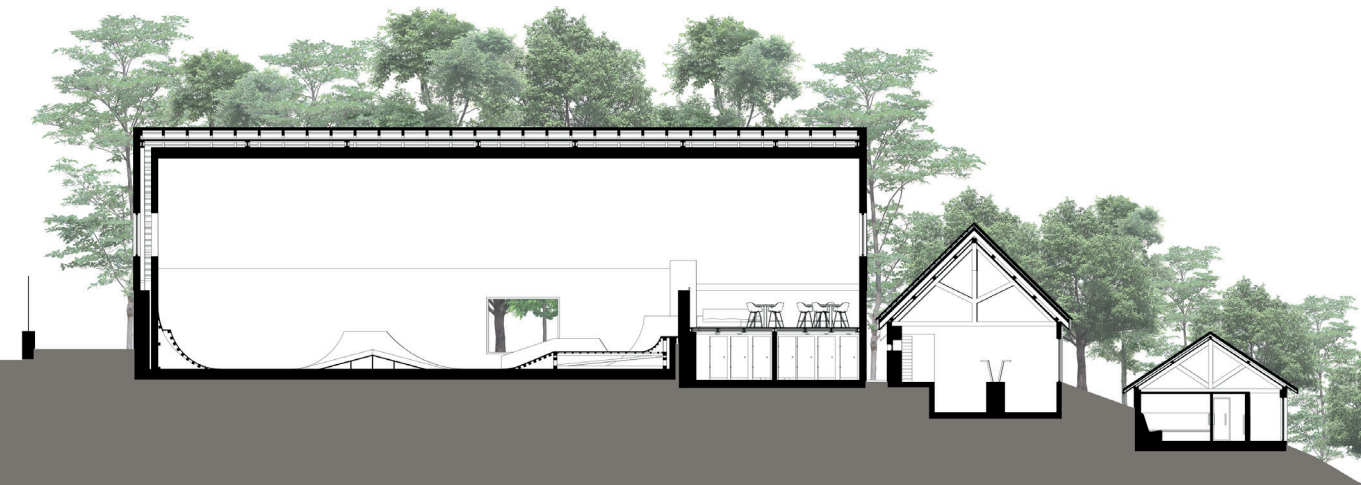
FACADE RIVER SIDE



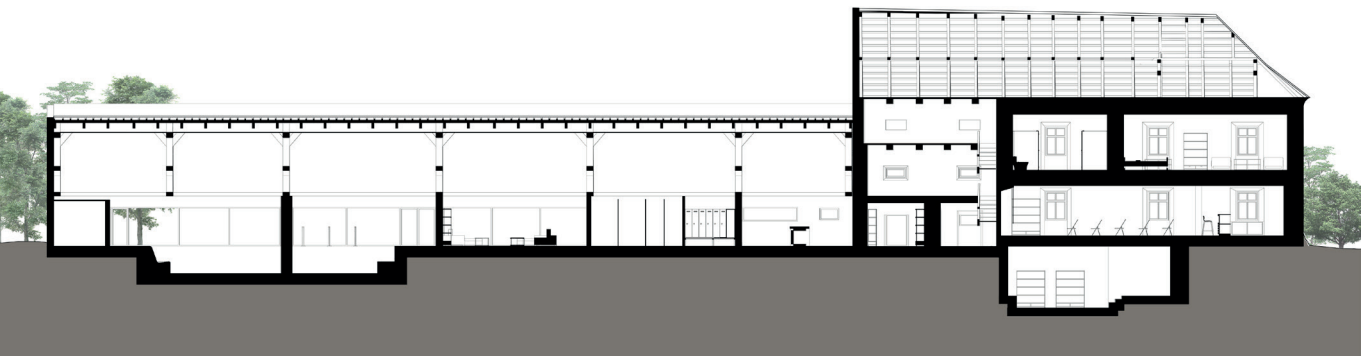
FACADE STREET SIDE



A-A SECTION



B-B SECTION



TECHNICAL DETAILS



New wood roof structure of the SPA, to replace the old one. This one allow me to use the volume of the building proprely and is designed to support the new constraints due à l'isolation du batiment



New wood and metal frame of the barn, this technical detail allows to better grasp the new structure as well as the double envelope of the building. The prefabricated wooden envelope of the skatepark and the roof structure are independent of each other, The trusses of the steel frame rest on the pillars of the original stone envelope of the building. This system stinks of space but ensures a more efficient insulation and perreine of the building

TECHNICAL DETAILS

The fact that the skatepark is covered leaves forward choice as to the choice of materials of the latter. Indeed, despite the wood treatments, a wood frame will have difficulty to resist the intemperies. However, in this situation, it allows the possibility to change the plans of the skatepark if necessary, and ensures a better gliding comfort. By fins its implementation in this case is much simpler than if the skatepark had been made of concrete. The drawing of the curves is based on all the sliding sports practices (Skate, BMX, Roller etc) so that everyone can find his happiness. The park consists of an aerial line with a set *Wall*, *fun box*, *quarterpipe* the second is a *street* line with smaller curves but also *ledges*, *a pyramid in hip*, and *a polejam*

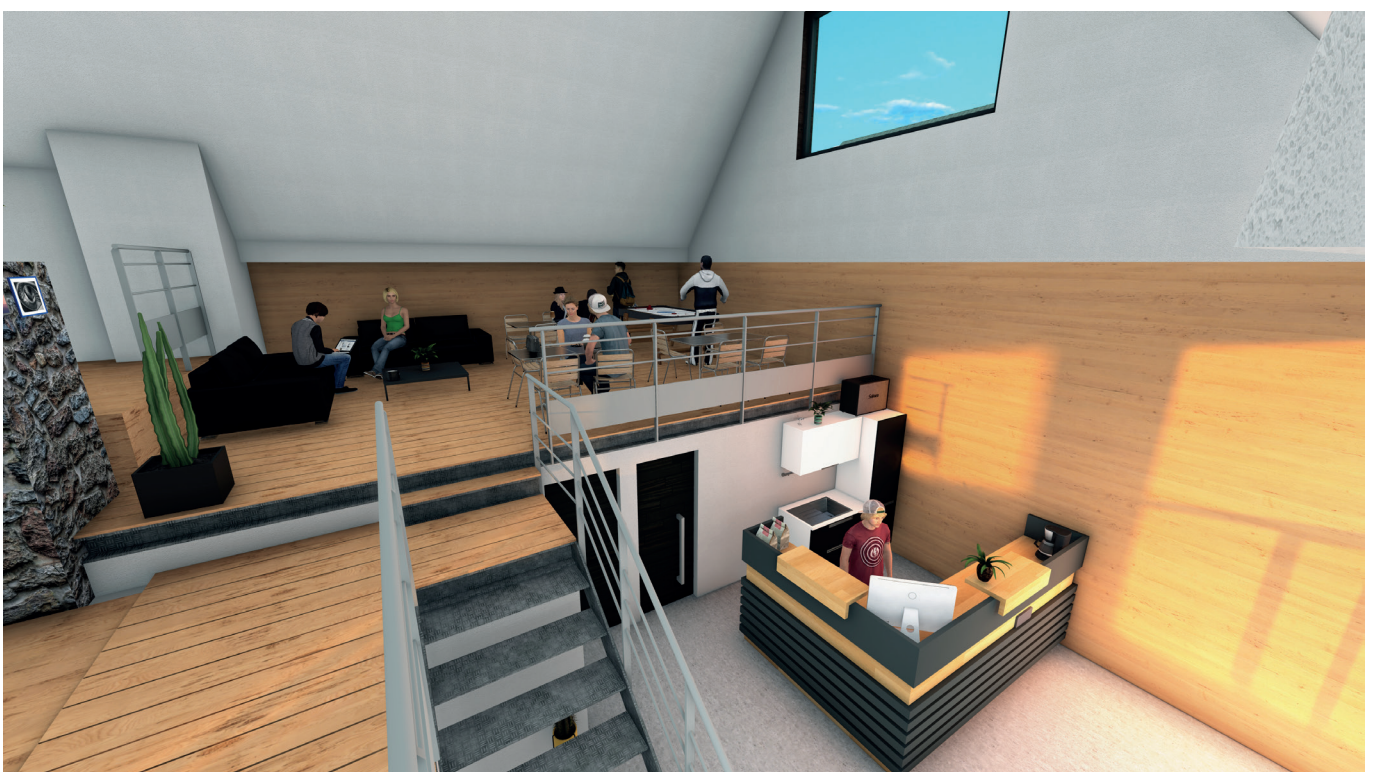
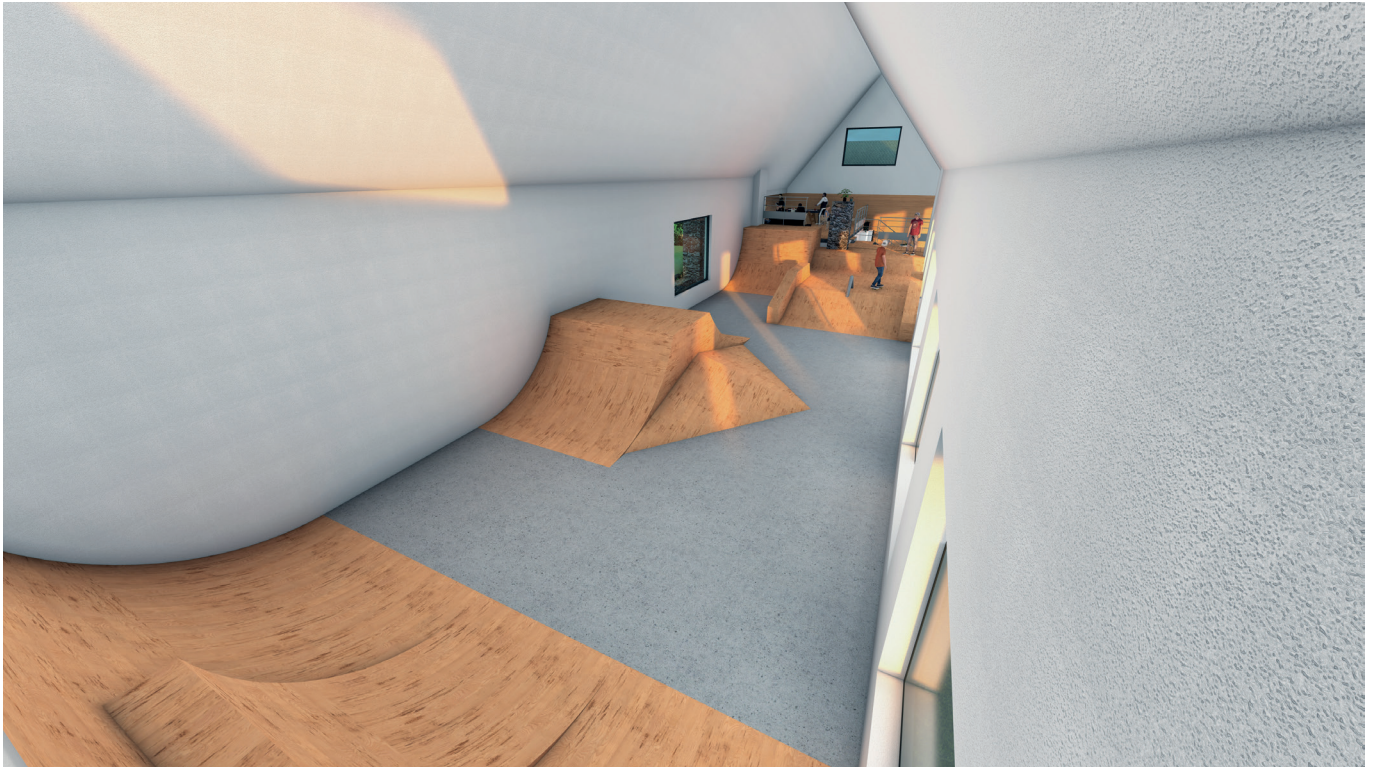
banks, ledges, and mini
quarter pipe set



wall + quarterpipe set



VISUALS SKATEPARK



VISUALS EXTERIOR AND GARDEN



VISUALS EXTERIOR AND GARDEN



VISUALS SPA AND READING ROOM



VISUALS HAMMAM AND MASSAGE ROOM



ADDITIONNAL VISUALS SPA



VISUALS TOP VIEW AND EXTERIOR



VISUALS MULTI-PURPOSE ROOM AND BAR



