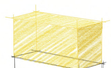
INNOVATION CENTER, STU, BRATISLAVA

NATÁLIE FULÍNOVÁ_MIROSLAV CVRČEK

COURTYARD TRANSFORMATION

ATELIER LÉDL_HÁJKOVÁ LS 20_21 FSv ČVUT A+S



The concept the design of innovation center for the Slovak Technical University in Bratislava was the modulation division of the entire building. It is based on the existing construction of heavy laboratories, which we want to preserve. Following the heavy laboratories, the module is nine meters high and creates a cube, which gradually creates a unique structure. The design process was more of a sculptural character. Removing modulation cubes in a large uniform area.

Heavy laboratories will keep the supporting structure, only the spaces inside will change for better overall continuity of all functions. Our superstructure is then carried by the skeleton above it. We have a free mezzanine floor with an outdoor covered ground floor which offers spaces for exhibition, presentation or even relaxation.

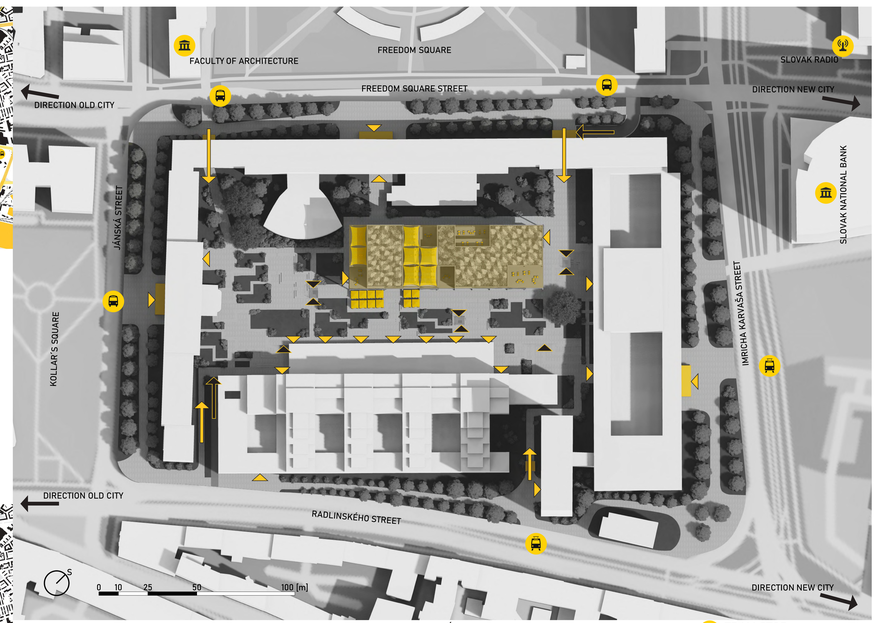
In the lower existing part a large exhibition hall will be created over two floors with an atrium, a production center - a model room, a press room, a study room, a cafeteria and partly the original heavy laboratories will be preserved. The upper outbuilding part contains a presentation and innovation center with laboratories, offices and lecture halls and another part of heavy laboratories. A café and a rectory stand out above the level of the surrounding faculties. This allows us to take advantage of the unrivaled view of the whole Bratislava city. As part of the modification of the entire ground floor, we highlighted the entrances with yellow gates which will facilitate orientation. The street space was calmed down and the surroundings were supplemented with tall greenery.

SILHOUETTE - VIEWS FROM HIGHER FLOORS

MAP OF WIDER RELATIONS
- SIGNIFICANT BUILDINGS

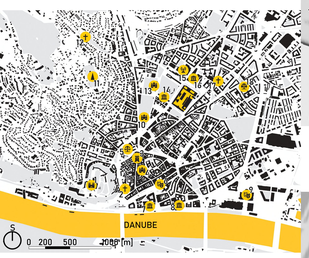
LEGEND:

1 - Bratislava Castle
2 - Cathedral of St. Martin
3 - St. Michael's Tower
4 - Old Town
5 - The Supreme Court of the Slovak Republic
6 - Slovak National Theatre
7 - Slovak National Gallery
8 - Slovak National Museum
9 - Slovak National Theatre
10 - Presidential Palace
11 - Slavín Military Memorial
12 - Church of Our Lady of the Snows
13 - Office of the Government of the SR
14 - Faculty of Architecture
15 - Slovak Radio
16 - Slovak National Bank
17 - Church of the Assumption of the Virgin Mary
18 - Palace of Justice



SITUATION

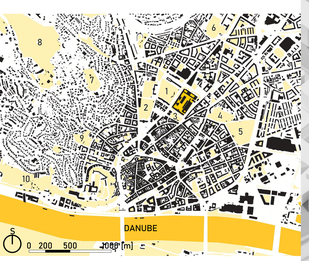
ENTRANCE TO BUILDINGS
ENTRANCE TO THE GARAGE
PASSAGE TO THE COURTYARD
ENTRANCE TO THE GARAGE
TRAM STOP
BUS STOP



MAP OF WIDER RELATIONS
- TRANSPORT

LEGEND:

- Main train station
- Bus station
- Bus stop
- Tram stop
- 1st class road
- 2nd class road
- Railway
- Tram line

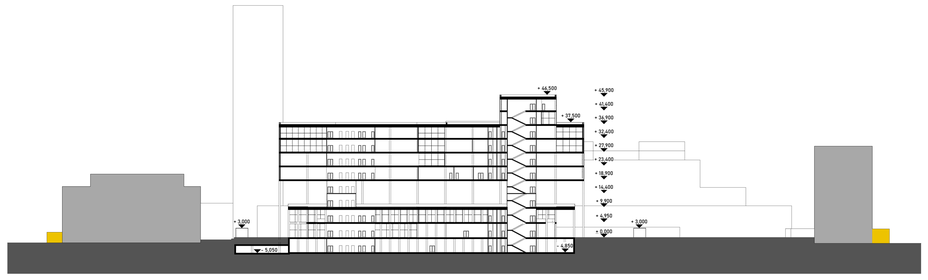


MAP OF WIDER RELATIONS
- GREAN AREAS

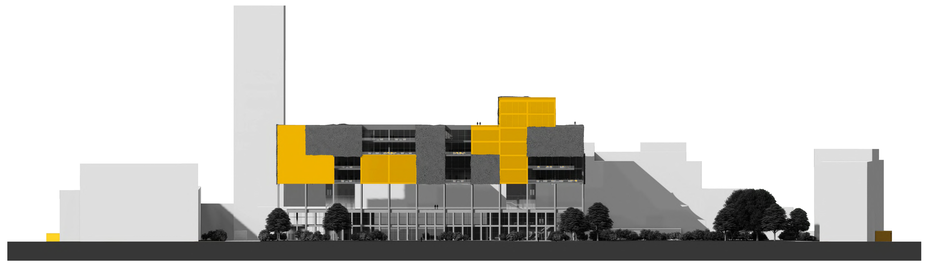
LEGEND:

1 - Freedom Square
2 - Presidential Gardens
3 - Kollár's Square
4 - Medical garden
5 - Ondřej's Cemetery
6 - Račianské mýto park
7 - Slavín
8 - Pine grove
9 - Cemetery at the Goat Gate
10 - Orthodox Jewish cemetery

AXONOMETRY

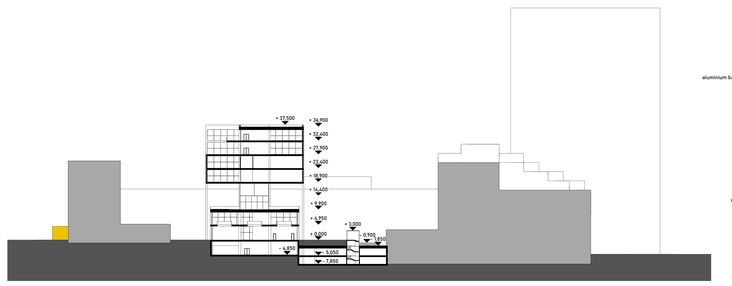


LONGITUDINAL SECTION 1: 400



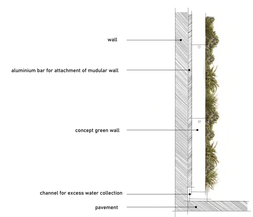
NORTH-WEST VIEW 1: 400

SOUTH-EAST VIEW 1: 400

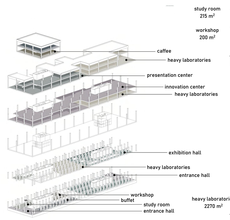


CROSS SECTION 1: 400

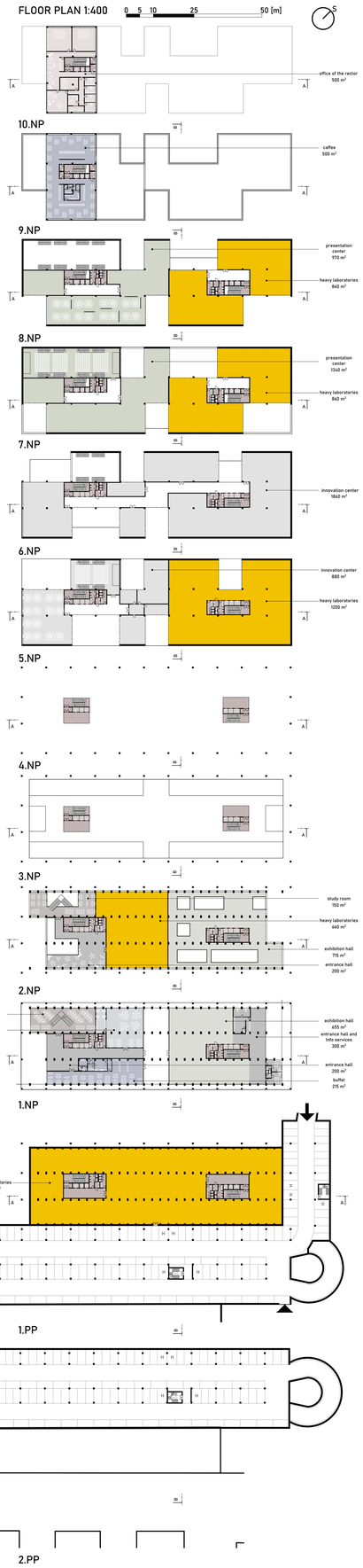
DETAIL OF GREEN WALL



CONSTRUCTION SCHEME



SOUTH-WEST VIEW 1: 400

NORTH-EAST VIEW 1: 400

FLOOR PLAN 1:400