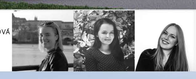
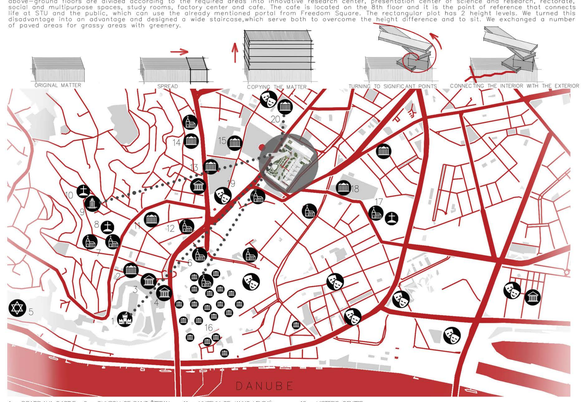
SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA
INSPIRELLI AWARDS

DOČEKALOVÁ ZDEŇKA/KUBÍČKOVÁ NIKOLA/KUJOVÁ SABINA
ATELIER: Ing.arch. PETR LÉDL Ph.D./Ing.arch. ŠTĚPÁNKA HÁJKOVÁ
AT03 SUMMER SEMESTER 2020/2021
CTU IN PRAGUE – FACULTY OF CIVIL ENGINEERING
ARCHITECTURE AND BUILDING ENGINEERING

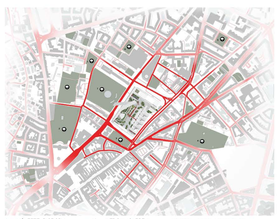


The main purpose of the project was to meet all requirements for the construction of the Innovation Center of the Slovak University of Technology in Bratislava. The result is designed building, which includes an innovative science center, educational, social, multipurpose and leisure spaces both indoors and outdoors and also the Rectorate. An important part of the conversion of the courtyard was the possibility of construction in stages. The goal was to connect the newly designed building with the square Námestie Slobody using the so-called portal. The shape of the object is based on the Golden Section. Based on various interesting places and buildings around STU, we designed object allowing views. We were inspired by the Golden Section, which allowed us to stack individual floors into this shape. The object has 10 above floors and 2 underground floors. The underground floor is used for parking. The above-ground floors are divided according to the required areas into innovative research center, presentation center of science and research, rectorate, office space, cooperation with practice, coworking center and cafe. The cafe is located on the 8th floor and it is the point of reference that connects like at STU and the public, which can use the already mentioned part from Freedom Square. The rectangular pot has 6 height levels. We turned this disadvantage into an advantage and designed a wide staircase,which serve both to overcome the height difference and to sit. We exchanged a number of paved areas for grassy areas with greenery.



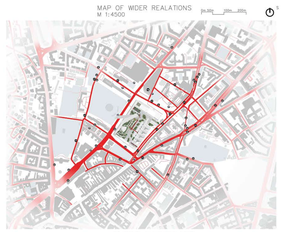
1 – BRATISLAVA CASTLE
2 – PALFI PALACE
3 – SEDIA GALLERY
4 – ESTERHÁZI PALACE
5 – JEWISH CEMETERY
6 – CHURCH OF SAINT ŠTEFAN
7 – BAPTIST PRAYER
8 – CEMETERY AT THE GOAT GATE
9 – SLAVÍN
10 – TOMBS OF SOVIET SOLDIERS
11 – MUSEUM OF JANKO VELISKY
12 – GREAT EVANGELICAL CHURCH
13 – KARÁŽDNI PALACE
14 – PISTOR PALACE
15 – OFFICE OF THE GOVERNMENT OF THE SLOVAK REPUBLIC
16 – HISTORIC CENTRE
17 – THE TEMPLE OF THE ALARM OF THE NOBLE AND LIFE-LIFE CROSS
18 – ASPREMONT SUMMER PALACE
19 – THEATER – STUDIO L+S
20 – TRANSDIEMER

MAP OF WIDER REALATIONS
M 1:4000

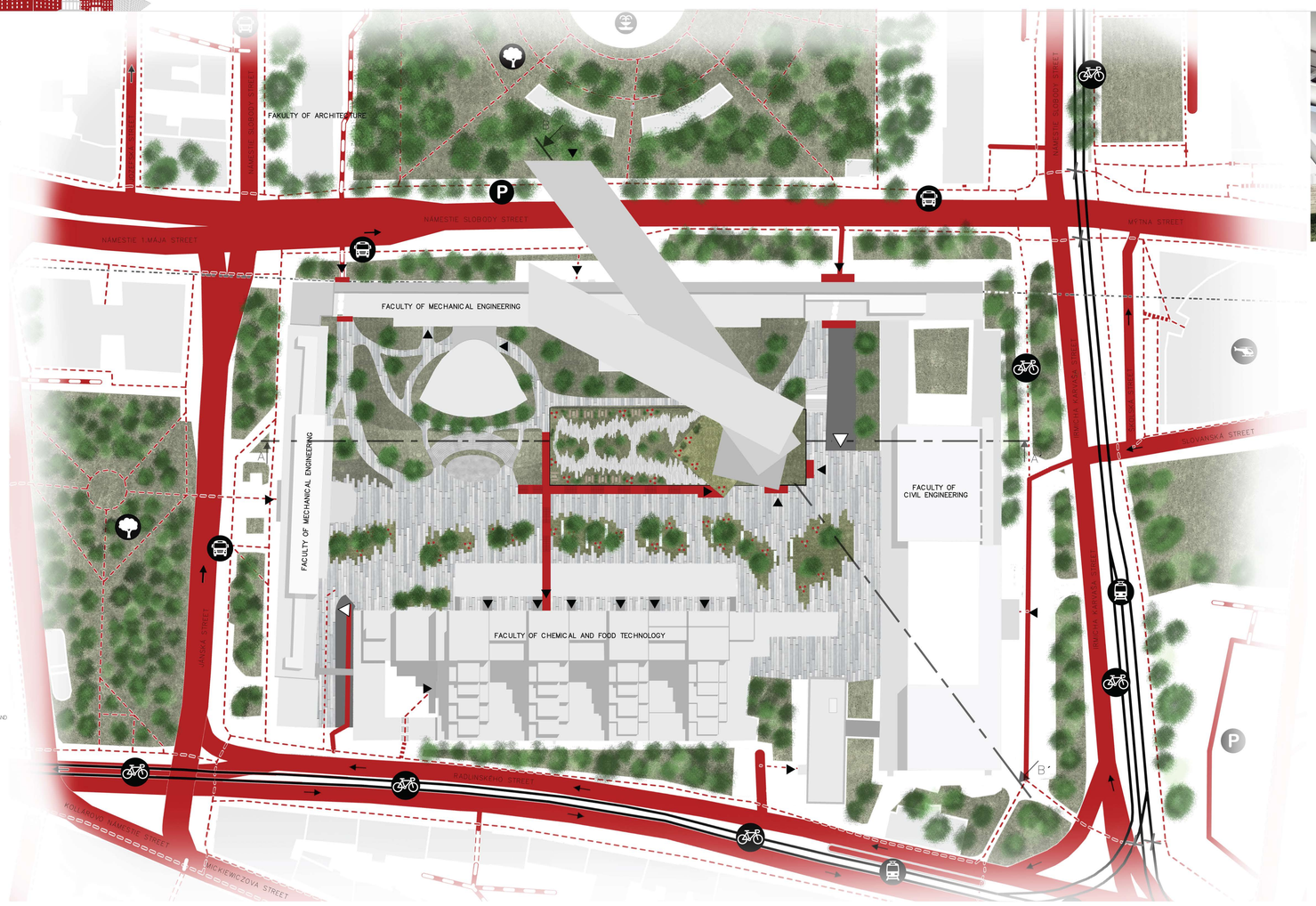


1 – NÁMESTIE SLOBODY
2 – GRASSALKOVIČ GARDEN
3 – KOLLÁR SQUARE
4 – MEDICAL GARDEN
5 – KMEŤ SQUARE
6 – BELOPOTOCKÝ PARK

GREEN ANALYSIS MAP
M 1:3500

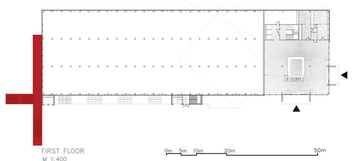


TRAFFIC ANALYSIS MAP
M 1:3500

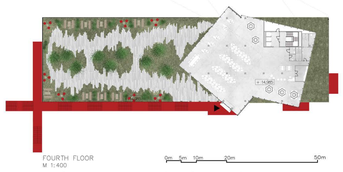


VISUALIZATION OF A ROOF GARDEN

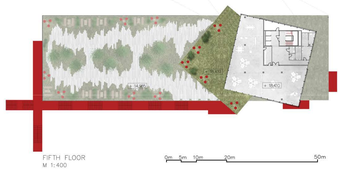
PARKING – GROUND FLOOR
M 1:400



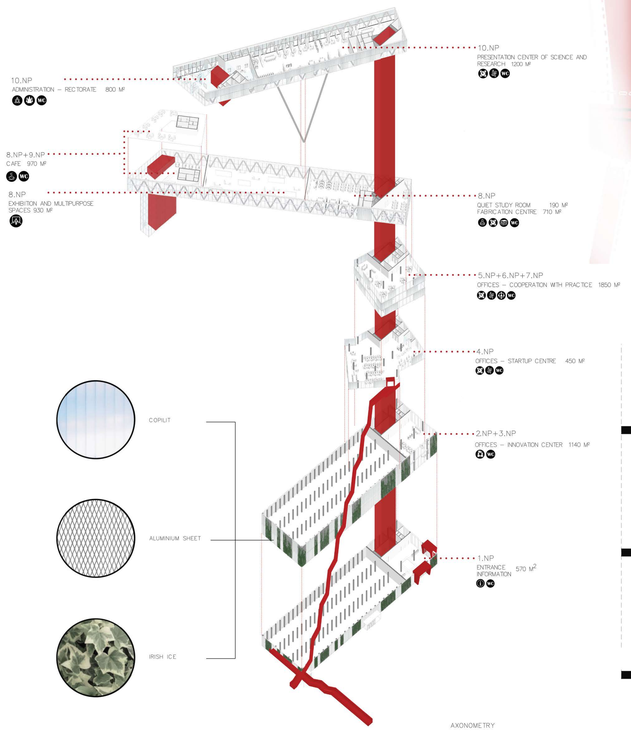
FIRST FLOOR
M 1:400



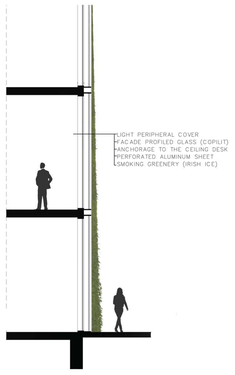
FOURTH FLOOR
M 1:400



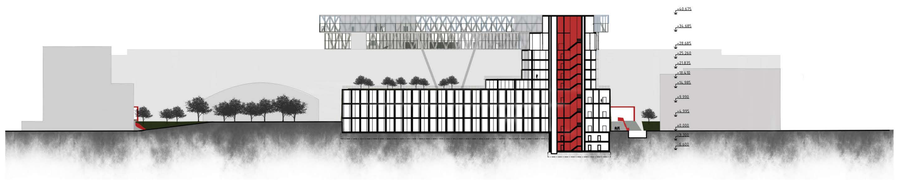
FIFTH FLOOR
M 1:400



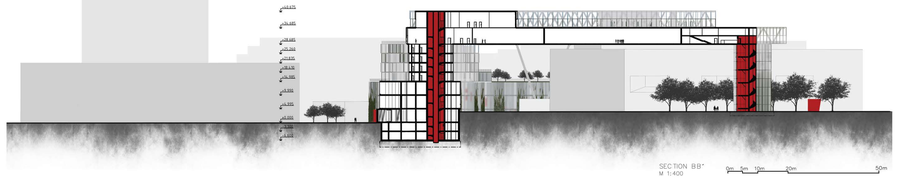
AXONOMETRY



DETAIL OF GREEN WALL M 1:50

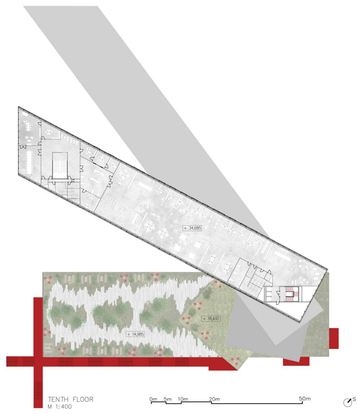


SECTION AA'
M 1:400

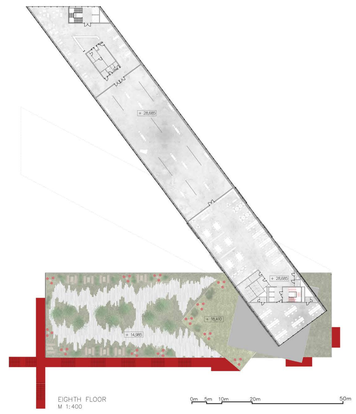


SECTION BB'
M 1:400

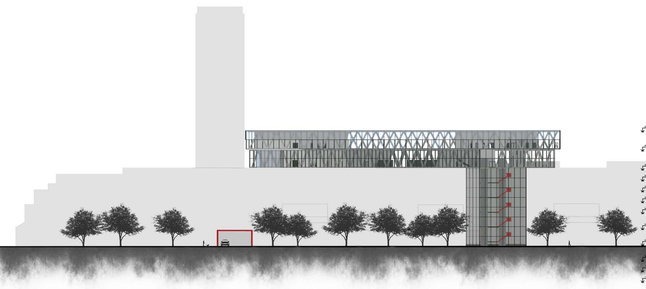
SITUATION
M 1:400



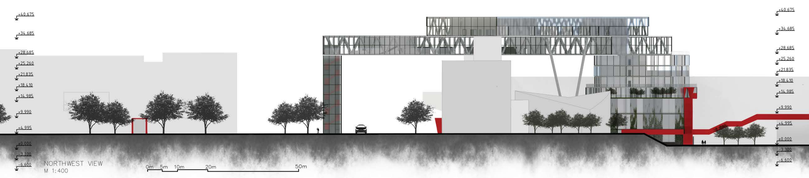
TENTH FLOOR
M 1:400



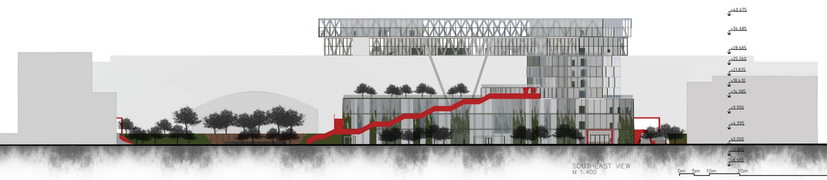
EIGHTH FLOOR
M 1:400



NORTHWEST VIEW
M 1:400



SOUTHWEST VIEW
M 1:400



SOUTHEAST VIEW
M 1:400