CENTER OF INNOVATION IN BRATISLAVA
TRANSFORMATION OF THE COURTYARD

TOMÁŠ VERNER

TEAMWORK : KLÁRA VAŠÁKOVÁ

A+S Fsv CTU PRAGUE

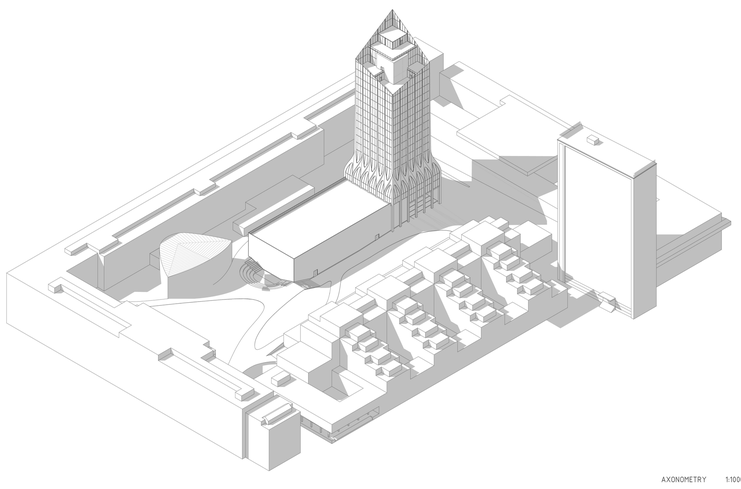
129AT03 / SS 2020-21

ATELIER LÉDL - HÁJKOVÁ

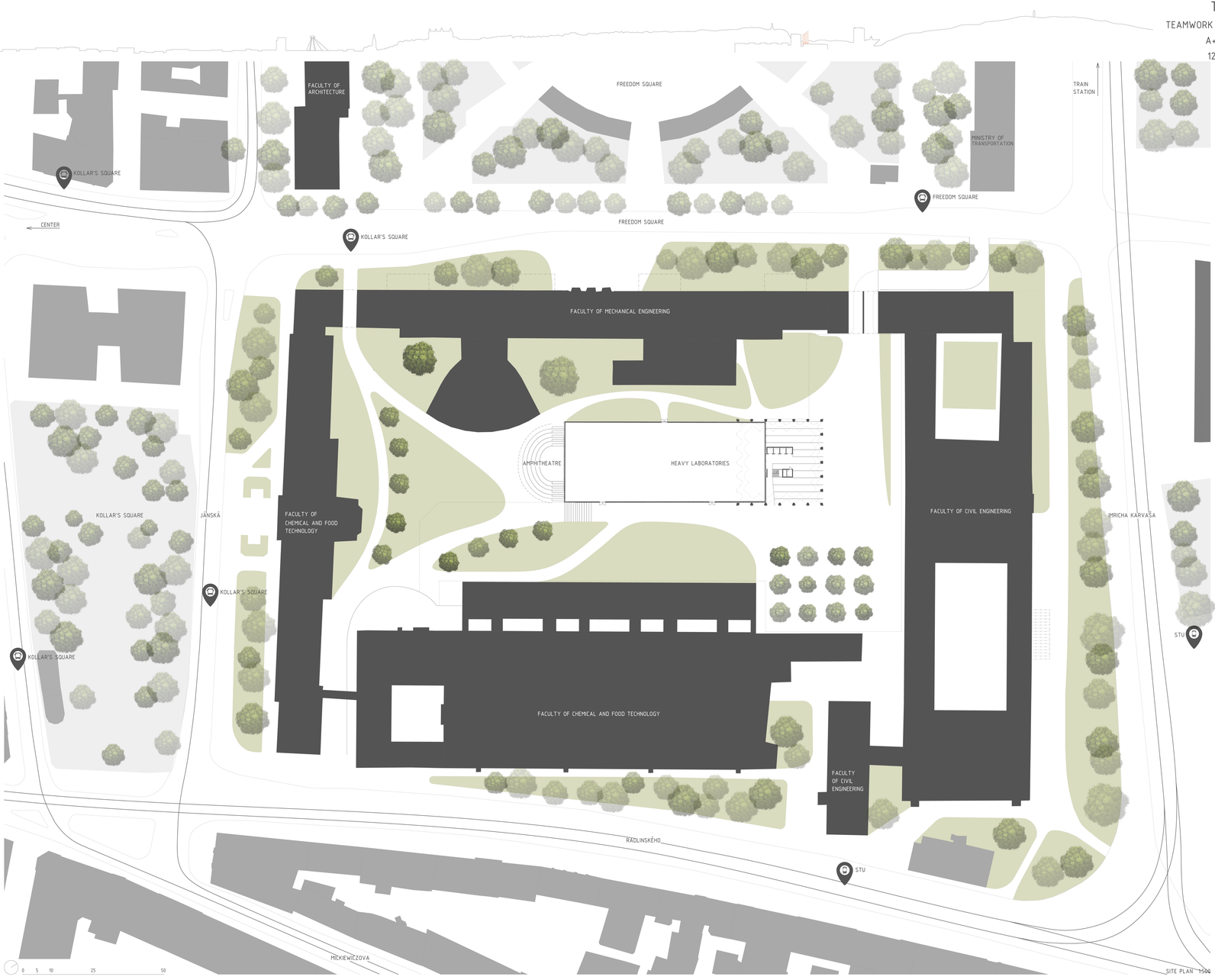
MAP OF WIDER RELATIONS 1:10000

MY MAIN IDEA WAS TO CREATE A NEW LANDMARK OF THE UNIVERSITY AND BRATISLAVA, WHICH WILL REPRESENT THE UNIVERSITY WITHIN THE CITY AND GLOBALLY THANKS TO ITS LOCATION IN THE CENTRE OF BRATISLAVA. THE HEIGHT AND LOCATION OF THE BUILDING OFFERS VIEWS OF THE HISTORIC CENTRE AND OTHER IMPORTANT CITY LANDMARKS. THE BUILDING IS LOCATED ON THE SITE OF PART OF THE HEAVY LABORATORIES, WHICH WERE NO LONGER IN USE. DUE TO THE SMALL FOOTPRINT OF THE BUILDING, THE MAXIMUM AREA OF THE CAMPUS CAN BE USED FOR VARIOUS EVENTS, STUDYING, MEETINGS... AT THE SAME TIME, THE ROOF OF THE HEAVY LABORATORIES IS ACCESSIBLE NOW. THE BUILDING ITSELF HAS SEVERAL ROOF TERRACES AND A CAFÉ OVERLOOKING THE ENTIRE CITY. ON THE GROUND FLOOR IS A „COVERED SQUARE" ALLOWING EVENTS AND MEETINGS EVEN IN BAD WEATHER. IN THE CAMPUS, EMPHASIS HAS BEEN PLACED ON A LARGE AMOUNT OF GREEN AREAS. THE TREE NETWORK ON THE SQUARE IS INSPIRED BY THE SHAPE AND PROPORTIONS OF THE STU LOGO. IT IS A 20-STOREY BUILDING MADE OF REINFORCED CONCRETE. THE EXTERNAL SUPPORT SYSTEM OF COLUMNS IS LINED WITH FIBRE-REINFORCED CONCRETE PANELS, WHICH GUARANTEE A LONG SERVICE LIFE AND MINIMAL MAINTENANCE. THE CURTAIN WALLS WITH THERMAL INSULATION GLASS IMPROVES THE INDOOR CLIMATE AND THE COOLING COSTS. THE HEAVY LABORATORIES ARE NEWLY SHEETHED WITH COPILITE. GARAGES FOR ABOUT 300 CARS ARE LOCATED UNDERGROUND.

PERMISSIBILITY SCHEME OF LIGHT AND HEAT



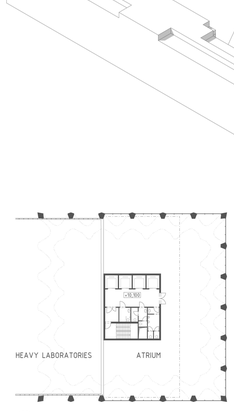
AXONOMETRY 1:1000



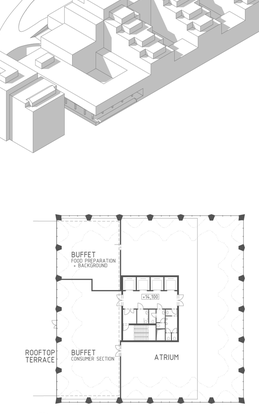
SITE PLAN 1:500

TOTAL FLOOR AREAS

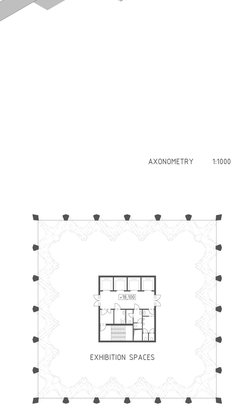
Function		Area (m2)
Atrium		
	2.NP - Atrium, exhibition space	473,00
	3.NP - Atrium, exhibition space	257,00
		730,00 m²
Buffet		
	3.NP - Buffet	287,00
		287,00 m²
Exhibition spaces		
	4.NP - Exhibition spaces	446,00
	5.NP - Exhibition spaces	446,00
		892,00 m²
Study rooms		
	6.NP - Study rooms	446,00
		446,00 m²
Workshops		
	7.NP - Workshops	260,00
	7.NP - PC room	100,00
	7.NP - 3D print, printing	86,00
		446,00 m²
Innovative center		
	8.NP - Innovative center	445,00
	9.NP - Innovative center	445,00
	10.NP - Innovative center	445,00
	11.NP - Innovative center	445,00
	12.NP - Innovative center	444,00
	13.NP - Innovative center	444,00
	14.NP - Innovative center	444,00
	15.NP - Innovative center	444,00
	16.NP - Innovative center	444,00
		4000,00 m²
Rectorate		
	17.NP - Rectorate	287,00
	18.NP - Rectorate	163,00
		450,00 m²
Cafe		
	19.NP - Cafe	102,00
	19.NP - Cafe background	53,00
	20.NP - Cafe	77,00
		232,00 m²
Total		7 483,00 m²
	1.PP - Technical background	250,00
	1.PP - Underground garage (approx. 300 places)	7000,00
		7250,00 m²



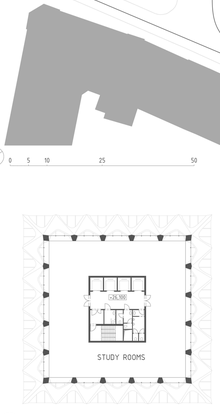
2.ND FLOOR PLAN 1:300



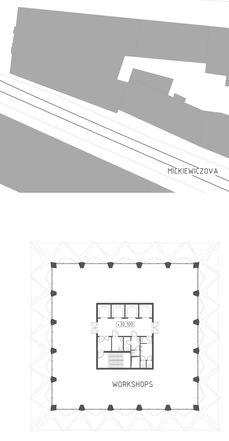
3.RD FLOOR PLAN 1:300



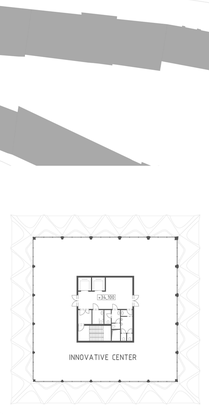
4. - 5.TH FLOOR PLAN 1:300



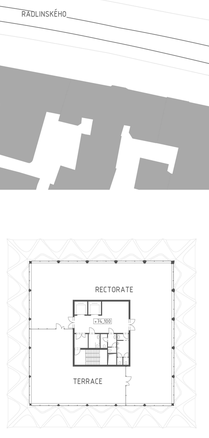
6.TH FLOOR PLAN 1:300



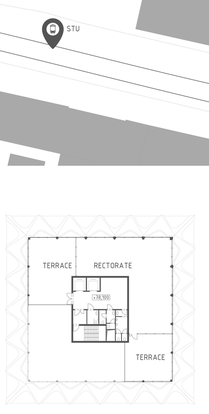
7.TH FLOOR PLAN 1:300



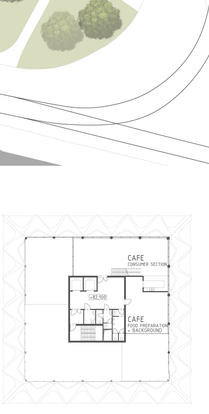
8. - 16.TH FLOOR PLAN 1:300



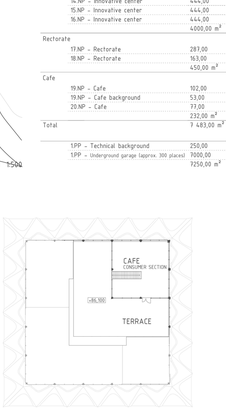
17.TH FLOOR PLAN 1:300



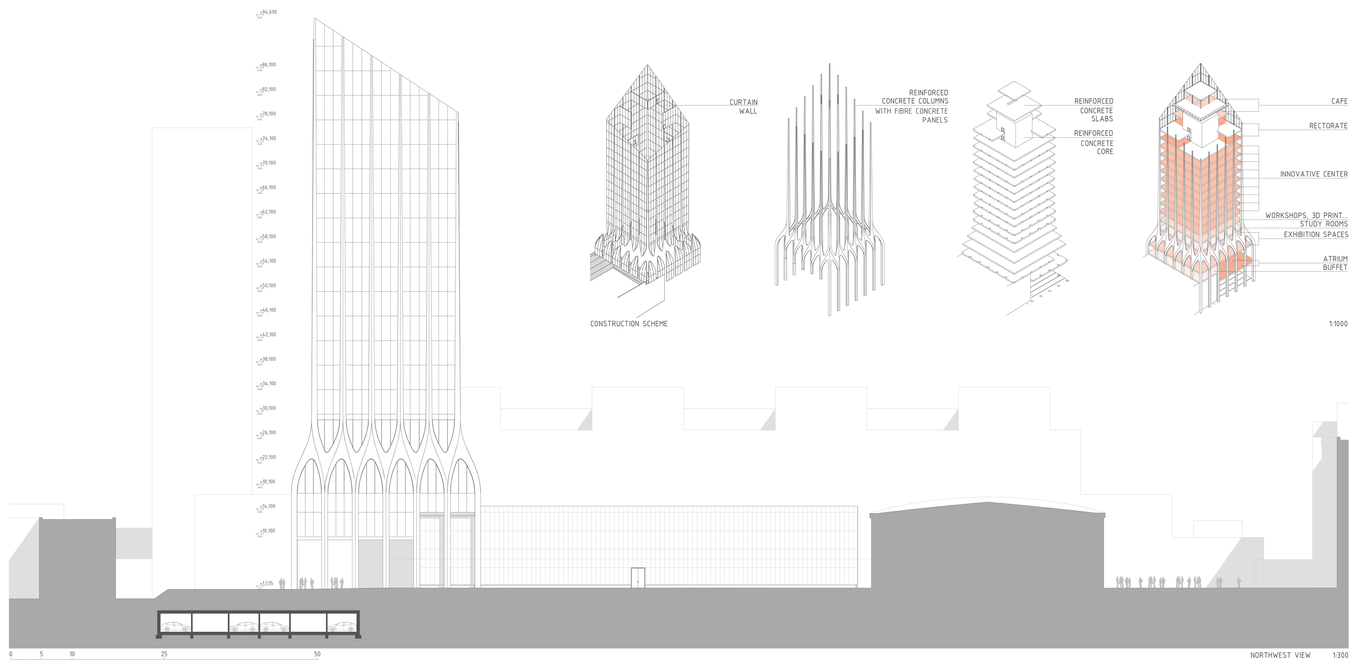
18.TH FLOOR PLAN 1:300

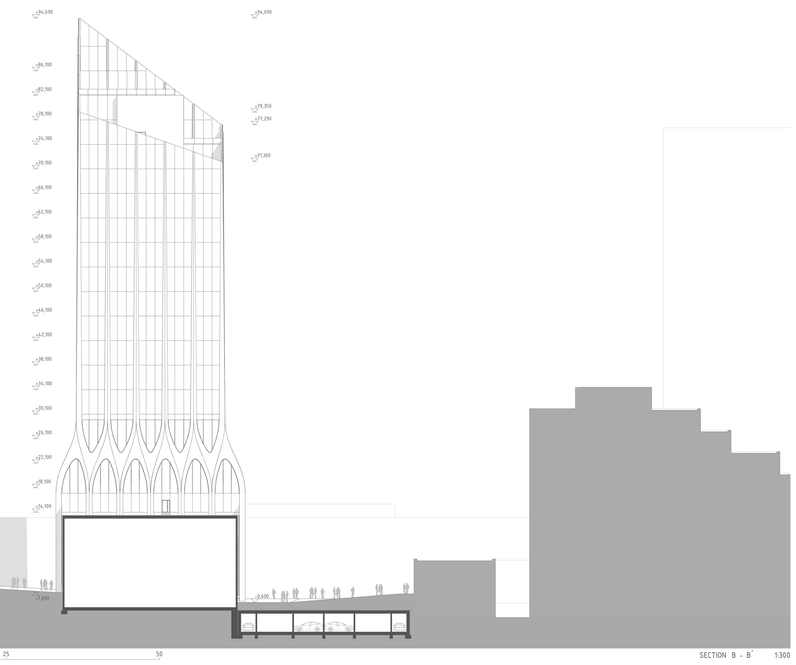


19.TH FLOOR PLAN 1:300



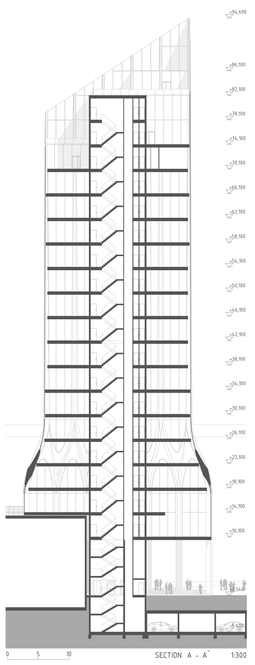
20.TH FLOOR PLAN 1:300





NORTHWEST VIEW 1:300

SECTION B - B´ 1:300



SECTION A - A´ 1:300