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## A IDENTIFICATION

### A.1.1 BUILDING INFORMATION

The subject of this project documentation is a university residential centre, new complex of buildings located in the city of Brno, district Královo pole.

<b>Building name:</b>	University Residential Centre Object "P", Library and Dormitory Brno, Czech Republic
<b>Plot number:</b>	456/20, cadastral district Ponava (611379), municipality Brno (582786)
<b>Documentation level:</b>	Architectonical study and realization documentation

### A.1.2 CLAIMANT INFORMATION

<b>Investor:</b>	Vysoké učení technické v Brně
<b>Land owner:</b>	Statutární město Brno Dominikánské náměstí 196/1, Brno, CZ

### A.1.3 DESIGNER INFORMATION

<b>Designer:</b>	Bc. Petr Dvořák, Okružní 588, Kaplice, CZ
<b>Building authority:</b>	Stavební úřad Brno

## A.2 SOURCES

- Web cadastral maps (ČÚZK – <http://nahlizenidokn.cuzk.cz/>)
- Copy of regulatory plan
- Copy of utility networks map
- Geotechnical report

## A.3 AREA CHARACTERISTICS

The investor has ordered a project for realization of a new building – a university residential centre. It is a group of two buildings (Object "P" and Object "W") with surrounding pavements and landscaping. This accompanying report and project are solving the northern building – Object "P". It is a three-storey building with reinforced concrete construction.

The project has been based on an architectonical study and has been made in accordance with the urban regulatory plan of city of Brno.

## A.4 SUMMARY BUILDING INFORMATION

The building plot, number 456/20, is located in district Královo Pole, in the place of former barracks. Currently, the plot is a brown field, divided to smaller parts 456/1-10, 456/15-16, 456/18-19, 457/1-4 and 458 which are going to be consolidated before the realization. The final plot area is 24 597,41 m<sup>2</sup>. The built-up area is 1 776,12 m<sup>2</sup> by Object "P" and 1 837,39 m<sup>2</sup> by Object "W" (total percentage 14,84%). The area of pavements is 4 538,68 m<sup>2</sup> and area of parking lots and roads is 6 410,57 m<sup>2</sup>. There is Štefánikova Street going along the eastern border of the plot and on the opposite side there is Staňkova Street. There are two entries to the plot, one from each road (see the situation drawing). The land is almost flat and before the realization self-seeded trees and bushes must be removed.

The new building has a form of an elongated block in L-shape with angle 50° and north-south oriented axis. Most of the windows are oriented east-west. The eastern facade is more dissected by balconies belonging to the student apartments. Also the ground floor has there a glass facade to bring light to the library. The western facade is simpler, only with windows.

The ground floor has two main purposes – library and two assembly halls. The first and the second floor are composed of accommodation units. There are nine apartments adjusted for disable persons, each for one or two persons. The floors are connected by three stairwells and two elevators.

The subsoil is formed by loess and loess loams. The level of the ground water is tied to the rift system in a greater depth. More detailed information is written in a separate geotechnical report. The rainwater is gathered to combined sewerage. Also there are other utility lines under the neighbouring road, such as municipal heat distribution. For more information see situation drawing.

This documentation will be consulted and approved by all concerned authorities and utility lines administrators. The building is located in an area intended for built-up and is in accordance with the territorial planning documentation.

The starting and finishing dates have not been stated yet. The investor will decide according to his situation and progression of tenders. The cost will be estimated after all the tender winners will introduce their offers. However, the preliminary evaluation result is 150 000 000 CZK.

## A.5 DIVISION OF OBJECTS

According to the situation the objects, which are solved by this project documentation, are listed as: BO01 OBJECT "P", BO02 OBJECT "W", BO03 PAVED AREAS, BO04 ROADS, BO05 PARKING LOT, BO06 GARDEN AND VEGETATION, BO07 FENCE and BO08-11 CONNECTIONS. This project is mainly concerned by the BO01 OBJECT "P", the other objects are listed in two drawings attached – neighbourhood relations and situation. They are used as further reference for positioning and bonds between the building objects.

<b>Civil objects</b>	B001	Object "P"
	B002	Object "W"
	B003	Paved areas
	B004	Roads
	B005	Parking lot
<b>Utility objects</b>	B006	Garden and vegetation
	B007	Fence
	B008	Water supply
	B009	Sewerage
	B010	Heating
	B011	Electricity