

Master Thesis - summer term 2024

Theme: " Reconstruction of a Primary School", Vlastina, Prague 6

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The author deals with the Reconstruction of Primary School into a modern educational facility. The design is based on a comprehensive analysis of the site architectural and urban contexts. It also respects the social needs of surrounding quarter, and presents an opportunity to support holistic development and cultural enrichment of society. The design is supported by a respectable amount of sources and research, list of sources is included.

Design portfolio consists of 89 pages. All drawings important to description of the design are included - plans, sections, elevations, schemes as well as visualizations.

Author's effort respects the original setting on the plot - cluster of three buildings.

The main building is redesigned, the majority of existing walls and also window openings are preserved.

The building is expanded by additional floors to increase the school capacity.

This approach resulted to a structure with clear visual connection to the original building.

Two smaller structures located on both sides of the main building – the gym and Scholl canteen, were completely demolished and replaced by new buildings designed for the same purpose. Unfortunately the proposed layout of new buildings does not meet the requirements of nowadays facilities. The functional aspects of food preparation and services are underestimated and the gym does not meet the safety and secure needs.

Positive aspect of the design is the aim to include some principles of sustainable building. Mainly to preserve as much of the original structure as possible, incorporate green roofs and photovoltaics source of energy

While the design is based on both analysis and creativity, it is my opinion that the project leaves functional and technological aspects undefined (i.e. parking facilities, HVAC systems etc.).

Recommended grade of assessment: "D"

Ing. arch. Dalibor Borák

29.05.2024

