

## SUPERVISORS REVIEW OF BACHELOR'S THESIS

Author of bachelor's thesis: Zuzana Prachmanová

Supervisor of bachelor's thesis: Ing. František Vajkay, Ph.D

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Title of bachelor work: **Detached Family Residence**

The students task was to create the project documentation for building realisation, specifically for that of a detached family residence. The building had to be designed for living only, thus making a comfortable living environment for a standard family.

Whereas Ms. Prachmanová put some effort into it, the presented work meets those conditions. The internal disposition and shape of the building is the result of a long-term design process. The disposition changed continuously because of the uncommon choice of structural system.

The resulting building is composed of two floors. Within the first floor one can find the entrance hall, kitchen and living room among others. The second floor then includes the bedrooms and master bathroom.

The vertical structures are designed from pre-cast column with aircrete block based masonry in-between. The horizontal structures are then a combination of reinforced concrete girders and slabs, both pre-cast. The building is protected by a flat roof.

Ms. Prachmanová put a lot of effort into the work. Was consulting continuously, and although some issues arose when she had to deal with problems because of the choice of structural system, she tried to solve them alone. Therefore, as the supervisor I award the presented bachelor thesis with the following grade:

ECTS classification: *B/1,5*

In Brno on 3rd of June 2016



Signature

### Classification scale

Class. scale ECTS	A	B	C	D	E	F
Qualification	1	1,5	2	2,5	3	4