

SUPERVISORS REVIEW OF BACHELOR'S THESIS

Author of bachelor's thesis: Erik Vaňo

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

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

The student on his own accord chose to create the project documentation for the realisation of building of a family residence, as his bachelor's thesis. The building had to be designed for a 4 to 5 person family.

Mr. Vaňo ideas were slightly uncommon resulting in complicated details, howbeit the presented work meets those conditions. The internal disposition and shape of the building is the result of a long-term design process, which the student also consulted by specialists.

The designed building then is composed of two floors. Within the first floor one can find the entrance hall, kitchen, living room among others and the garage. The second floor then inherits the bedrooms. From some of those bedrooms the inhabitants in the future may enjoy the scenery of vicinity.

The vertical structures are designed from hollow lightweight aggregate concrete blocks. Because of the thermo-technical requirements the blocks used have a layer of thermal insulation embedded into them as well. The slabs are a combination of on site cast and prefa-monolithic filigrane plates. The roofs protecting the interior from the top are flat. The connections of green roof strips above the 1st floor resulted in interesting details.

Mr. Vaňo did actually put a lot of effort in the creation of this work. But in my opinion when a problem arose Mr. Vaňo was heavily depending on others too much. Mr. Vaňo was consulting cyclically and I as the supervisor award the presented work with the grade:

ECTS classification: *C/2,0*

In Brno on the 8th of June 2015



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Signature

Classification scale

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