

## READER'S BACHELOR THESIS

Autor bakalářské práce: **Pavel Subally**

Oponent bakalářské práce: **Ing. Jan Gintar**

Název bakalářské práce: **FAMILY RESIDENCE**

Opponent review has been prepared bachelor thesis entitled "Family Residence", prepared by Pavel Subally student in the school year 2013/2014.

Project bachelor thesis deals with the preparation of project documentation for the construction of a family house in Zlin. House is designed as a wooden structure. The building has two floors and a basement is not. Roofing the object is a flat green roof.

In terms of operational and architectural student with the task compared well.

The thesis is elaborated to the corresponding graphical level with a sufficient amount of detail.

Documentation is equivalent to specifying a range of requirements for the bachelor thesis.

### **Observations on the work:**

#### **Text and computational part:**

- The text part I have no fundamental objections.

#### **Drawing part:**

##### **Drawing no. C.3 – Coordination situation**

- Missing dimension of axial distance utility connections. Provide protection zones utility connections.

##### **Drawing no. D.1.1.03, č. D.1.1.04 – Section AA', section BB'**

- Specify the properties of the original soil and their influence on the foundation of the construction method on the basis of what you voted for calculating bearing capacity of the soil, when it should not further specified? It is necessary to solve drainage?

##### **Drawing no. D.1.1.12 - Detail A**

- How are anchored foundation profile for your type of wooden houses?

##### **Drawing no. D.1.1.14 - Detail C**

- Absence of window strip. Explain the tapes which are used in place of window frames.

##### **Drawing no. D.1.3.01 - Situation of fire hazard**

- **Distances** - from a fire point of view is permissible to fire hazard area structures encroaching on neighboring land? Are there any exceptions? If so, under what circumstances is it permissible.

**In the present bachelor thesis evaluates positively the overall clarity of the drawings and graphic design. Bachelor thesis submitted evaluate positively the overall clarity of the drawings and graphic design.**

Student Pavel Subally with their work and acquitted himself decently developed it to the desired level. Its scope and method of drawing meets the requirements that are placed on the bachelor thesis. In terms of layout and technical student its job nicely solved. The work is supplemented by preliminary calculations foundations, stairs, heat technical assessment and that in terms of fire safety. The student developed a six selected structural details. Some of the above comments, however, is not due for a major character, but only draws attention to some shortcomings and outlines the sites that would be suitable to solve otherwise or supplement. Mistakes committed by the student, are caused little practical experience. The project would be appropriate to add further structural details.

**Student Pavel Subally their work demonstrated decent knowledge in the field of civil engineering skills and apply them.**

I therefore recommend that the bachelor's thesis for defense and overall it are:

ECTS grade: **B/1,5**

In Brno 9.6.2014

.....*hmb*.....

Signature

**grading Scale**

ECTS grade	A	B	C	D	E	F
Numeric classification	1	1,5	2	2,5	3	4