

## OPPONENTS REVIEW OF BACHELOR WORK

Author of bachelor work: Matej Roštár

Opponent of bachelor work: Ing. Lukáš Žižka

This particular opponents review deals with the Bachelor work of Mr. Matej Roštár. The theme of the bachelor work is the design a **Detached family residence** and the accompanying project documentation for building realisation. It handles about a fairly well designed new construction work with respect to both architectural and typological aspects.

The presented work meets the requirements of the assignment. The quality of presented work is in general average.

The bachelor work includes all of the necessities of a documentation for construction realisation, including drawings, structural design, thermo-technical assessment as well as fire-safety design.

### **While preparing this review I came across some issues, these are:**

- The documentation doesn't necessarily always comply the standard ČSN 013420.
- The height of the parapet doesn't correspond to actual normative requirements.
- There are differences in the height of roof between drawings.
- There is no drawing of garage.
- There is no drawing of assembly.

### **Questions to be answered:**

1. How is the slope of sidewalks thought to be maintained?
2. Explain, how the pipes and cables of plumbing connections are to be made?
3. Please explain the load transmission from ridge purlin to the surround structures?
4. Please clarify the structural solution of roof truss.

It can be stated that the bachelor handled the process of design quite well.

I recommend the work to be subjected to defence and award it with the following grade:

ECTS classification / local grade: **D/2,5**

In Brno on 30. 5. 2016



Signature

### **Grading scale**

ECTS classification	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
Local grade	1	1,5	2	2,5	3	4