

## OPPONENT 'S REVIEW OF BACHELOR THESIS

Author of Bachelor's thesis: Erik Vaňo  
Bachelor's thesis Opponent: Ing. Ayodeji Omishore  
Bachelor's thesis Title: Detached Family Residence in Rosicich u Brna  
Academic year: 2014/2015

### Overall evaluation:

Bachelor's thesis of Erik Vaňo addresses design of a detached family residence in Rosice u Brna. Proposal is addressing the respective architectural, structural and technical solutions of object.

House is situated on plot 240. It is a two story building without basement for family of four. Building is designed on concrete foundation strips. Vertical structures are made of concrete blocks, system KB-Block. Slabs are monolithic and prefa-monolithic. Roof over the building is flat roof; terrace over the garage is green terrace system..

### Opponent's questions and comments:

1. Communications are not marked in the situation.
2. Explain the choice of a flat roof slope of 1%.
3. Foundation of the staircase is not shown in the section.
4. Bad description of the ceiling layers in the section.
5. What type of polystyrene is used in the roof with reverse order of layers?
6. Why did you choose inlets DN 70?
7. Explain the stabilization of the individual layers of flat roof.
8. In detail B explain execution of railing through the parapet wall flashings.
9. Explain drainage of flat roof through interior. Where will the drain go?
10. There are not drawn any SKD boards in elevation.

Bachelor's thesis meets the formal aspect and includes all required documentation. Except for small errors the project is designed at a sufficient level.

I recommend the work to the defence with a rating stated below.

Proposed evaluation:

ECTS grade: B

Brno, 5.6.2015

*A. Omishore*  
Signature

### Classification grade

Klas.stupeň ECTS	A	B	C	D	E	F
Číselná klasifikace	1	1,5	2	2,5	3	4