

OPPONENTS REVIEW OF BACHELOR WORK

Author of bachelor work: Janet Claudie De Ceita

Opponent of bachelor work: Ing. Lukáš Žižka

This particular opponents review deals with the Bachelor work of Ms. Janet Claudie de Ceita. 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 architectural aspects.

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

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.
- From the SITUATION drawing one cannot tell the lengths of connections to networks, since these numbers are missing. The surrounding constructions are missing as well.
- In room no. 107 one cannot tell where do the various floor finishes change.
- Rotated sections aren't dimensioned properly. The height dimensions are missing.
- The position of doors to rooms 101 and 108 are dimensioned improperly.
- There are some issues in the drawing of slab structures.
- The attic wall is sloped improperly.


Questions to be answered:

1. Please explain your solution of socle pavement. What other variants might you use.
2. Why don't you solve the passages of drains and pipes? Please explain you solution.
3. How do you ensure, that the structure isn't going to freeze near the attic wall? Also, how will be the sheathing of attic anchored?
4. How do you ensure that the staircase isn't going to move?

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	A	B	C	D	E	F
Local grade	1	1,5	2	2,5	3	4