

## I. IDENTIFICATION DATA

<b>Thesis name:</b>	<b>Residential Building</b>
<b>Author name:</b>	<b>Alkhateeb Ahmed Kamal</b>
<b>Thesis type:</b>	Bachelor thesis
<b>Faculty:</b>	Faculty of Civil Engineering
<b>Department:</b>	Department of Building Structures
<b>Thesis opponent:</b>	Doc. Ing. Valdemar Kudrna, CSc.
<b>Opponent's workplace:</b>	Externista

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Thesis assignment</b>	<b>Average difficulty</b>
<i>Final thesis objectives and assignment evaluation.</i>	
Bachelor's thesis was given in the form of an architectural study. The realization of the building is planned in Prague - Michle. The assignment specifies to prepare the project documentation for the specified object within the scope defined by the supervisor	

<b>Thesis assignment fulfilment</b>	<b>Fulfilled</b>
<i>Evaluate if submitted thesis meets the assignment requirements. Specify the points that have not been fully fulfilled or whether the work was extended compared to the assignment.</i>	
The scope and content of submitted bachelor thesis is done according to the assignment.	

<b>Suitability of used methods</b>	<b>Correct</b>
<i>Evaluate if student chose the right approach and methods.</i>	
The methods used by the author in his work are correct and in accordance with the usual design methodologies.	

<b>Professional level</b>	<b>B – very good</b>
<i>Evaluate the level of expertise of the final thesis, the use of the knowledge gained from the study and the specialized literature, the use of the documents. Also assess the student's ability to perceive the problem solved in a broader context and apply the engineering approach to solving.</i>	
The submitted bachelor thesis in terms of professional level is done in a good way. The text part and the graphic design have also good level.	

<b>Formal and language level, thesis clarity</b>	<b>B – very good</b>
<i>Evaluate the correct use of formal entries contained in the work. Assess the typography and language of the work and its overall comprehensibility</i>	
The author's work is very clear in terms of clarity. The overall layout has a clear form.	

<b>Sources selection, quotation correctness</b>	<b>B – very good</b>
<i>Assess student's activity in acquiring and using study materials to solve the final thesis. Review the selection of sources. Verify if violation of citation ethics has occurred and whether bibliographic quotes are complete and in accordance with citation practices.</i>	
The author used the knowledge from the recommended literature. He actively enriched his work by finding other professional publications and applied his knowledge in his work.	

<b>Further comments and evaluation</b>
N/A

### **III. OVERALL ASSESSMENT, DEFENCE QUESTIONS, CLASSIFICATION**

*Summarize the aspects of the final work that most affected your overall assessment. Please indicate any questions the student should answer in defense of the final thesis before the commission.*

The submitted bachelor thesis is done thoroughly and the author fulfils the tasks assigned in all parts. Overall, the work on the design of building structures, the text part and the graphic design can be evaluated as very good.

Defence questions:

1. Situation – Drawing No. 01 – What further data (information) should be present in the situation?
2. What is correct way of dimensions of the door with a steel door frame and a door with wooden casing (jamb)?
3. The entrance flight of the triple-flight staircase in the section B (drawing. No. 08) should not have the stairs drawn in a solid line.
4. The Details (drawings No. 09 and 10) are not sufficiently dimensioned (there are dimensions missing).

**I assess the submitted thesis with the grade: B – very good**

Date: 14. 6. 2017

Signature: