

## I. IDENTIFICATION DATA

<b>Thesis title:</b>	Residential Building in Prague
<b>Author's name:</b>	Akbota Baibatyrova
<b>Type of thesis :</b>	master
<b>Faculty/Institute:</b>	Faculty of Civil Engineering (FCE)
<b>Department:</b>	Department of Building Structures
<b>Thesis reviewer:</b>	Doc. Ing. Hana Gattermayerová, CSc.
<b>Reviewer's department:</b>	Department of Building Structures

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b>	<b>ordinarily challenging</b>
<i>Even though the student chose a little complicated building, the project quality is very good</i>	

<b>Fulfilment of assignment</b>	<b>fulfilled</b>
<i>All the primary goals were achieved, no overextended parts were done.</i>	

<b>Methodology</b>	<b>correct</b>
<i>The solution method corresponds with the usual methods used in project practice</i>	

<b>Technical level</b>	<b>B - very good.</b>
<i>Student has knowledge about drawing construction drawings, using different types of lines, etc. She is able to design the load bearing structures such as the slabs, staircase, wall, etc. Design calculations are clear; they corresponds to the facts in drawings.</i>	

<b>Formal and language level, scope of thesis</b>	<b>A - excellent.</b>
<i>All formalisms and notations are used properly, the thesis are sufficiently extensive. The technical English is satisfactory.</i>	

<b>Selection of sources, citation correctness</b>	<b>A - excellent.</b>
<i>All sources and the bibliographic citations meet the requirements for writing technical reports given by Czech Standards and laws.</i>	

<b>Additional commentary and evaluation (optional)</b>
<i>The quality of diploma thesis is on good level, nevertheless in spite of that some small mistakes appeared there. Student must explain:</i>
<ol style="list-style-type: none"> <li><i>1. Composition F.01: what is the function of layer Geotextile and Separation foil? Is it necessary?</i></li> <li><i>2. Composition F.14 and Drawing 10-Section B-B: Description of layers is not in accordance with drawing. Explain it.</i></li> <li><i>3. Composition F.06: Why is used the thickness of anhydrite screed 56mm? Which thickness is recommended by producer?</i></li> <li><i>4. What is the recommended slope for excavation? Is it same for the different soil condition? See the 1-Slab foundation and description in Static (geotechnical) part.</i></li> <li><i>5. Is it correct hidden vertical rain drainage in thermal insulation in façade? Explain all advantages and disadvantages</i></li> <li><i>6. Drawing 7_Plan roof. The slope 2% is not correct for the different lengths of roof when the level around the attics is +12,6. (The same mistake is on balconies). Explain it on presentation.</i></li> </ol>



## THESIS REVIEWER'S REPORT

7. *The convention of drawing the staircase according to the standard is not followed. How to draw in 2nd underground floor, typical and last floor?*

The grade that I award for the thesis is **B - very good**.

Date: **14.6.2023**

Signature: **Doc. Hana Gattermayerová, CSc.**