CZECH TECHNICAL UNIVERSITY IN PRAGUE  
Faculty of Civil Engineering  
Thákurova 7, 166 29 Prague 6, Czech Republic

DIPLOMA THESIS ASSIGNMENT FORM

I. PERSONAL AND STUDY DATA

Surname: Zhavoronkov  
Name: Gleb  
Personal number: 481945

Assigning Department: Concrete and Masonry Structures

Study programme: Civil Engineering - N3648

Branch of study: (3607T030) Building Structures

II. DIPLOMA THESIS DATA

Diploma Thesis (DT) title: Structural Aspects of Reinforced Concrete Building Reconstruction

Diploma Thesis title in English:

Instructions for writing the thesis:
Selection of suitable RC building for reconstruction
Changes in geometry of load-bearing walls
Demolition and strengthening techniques
Structural analysis with consideration of time-dependent behaviour of used materials and possibly damage
Discussion of proposed solution and possibly derivation of guidelines for such cases

List of recommended literature:
Eurocode 2 - online version
Sciencedirect.com - online scientific papers

Name of Diploma Thesis Supervisor: Mgr. Yuliia Khmurovska, Ph.D.

DT assignment date: 1.10.2020  
DT submission date: 31.1.2021

III. ASSIGNMENT RECEIPT

I declare that I am obliged to write the Diploma Thesis on my own, without anyone’s assistance, except for provided consultations. The list of references, other sources and consultants’ names must be stated in the Diploma Thesis and in referencing I must abide by the CTU methodological manual “How to Write University Final Theses” and the CTU methodological instruction “On the Observation of Ethical Principles in the Preparation of University Final Theses”.

1.10.2020

Assignment receipt date  
Student’s name