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## Semester Project Task

### Introduction to Building Constructions

#### Purpose and subject of the Project:

To prepare the construction plans of an individually assigned family house with the given conditions.

#### To be prepared by students

During project preparation, students must apply the technical design rules of 1:50 scale drawings. Each Student will receive an individually defined task. The practical teachers will define the details of the task. The drawings have to be prepared according to the drafting rules shown in workshop exercises and during consultations and defined in department guides or international standards.

#### Tasks:

The following four (4) hand-made drawings must be prepared and handed in by the student:

##### Floor plan (35 points)

The task paper is in appr. 1:100 scale. The drawings are to be developed to a 1:50 scale. All missing information is to be filled by the student using realistic real-life values and solutions. Minor modifications are allowed, as long as they are approved by the consulting teacher.

##### Cross section (35 points)

One cross section is to be prepared either at the indicated location or at a location that is defined by the consulting teacher. The location is to be informative. All structures and building components are to be shown.

##### Elevation (facade) (20 points)

One facade, as indicated or selected by the consultant teacher must be prepared.

##### Technical description (10 points)

A short technical description is to be written by the student on an A/4 paper. The description should elaborate on function, no. of levels, wall, slab and surface finish materials and thicknesses. All other relevant information may also be stated, in a realistic manner.

Total: 100 points.

For a pass mark a minimum of 50 points must be achieved on condition that all parts of the semester project must be handed in (a 100% complete floorplan alone, without any other parts completed will still result with a fail mark)

## Appearance

The projects may be prepared with any chosen drawing technique and may be done on non-transparent paper in ink or with a pencil. The use of tracing paper or any kind of transparent paper is forbidden. The use of CAD programs, printers or any other kind of electronic device (including copy machines) is strictly forbidden. The students should demonstrate drafting knowledge in an appealing, tasteful manner. Simplified materials indication is allowed. CAD preparation is not allowed.

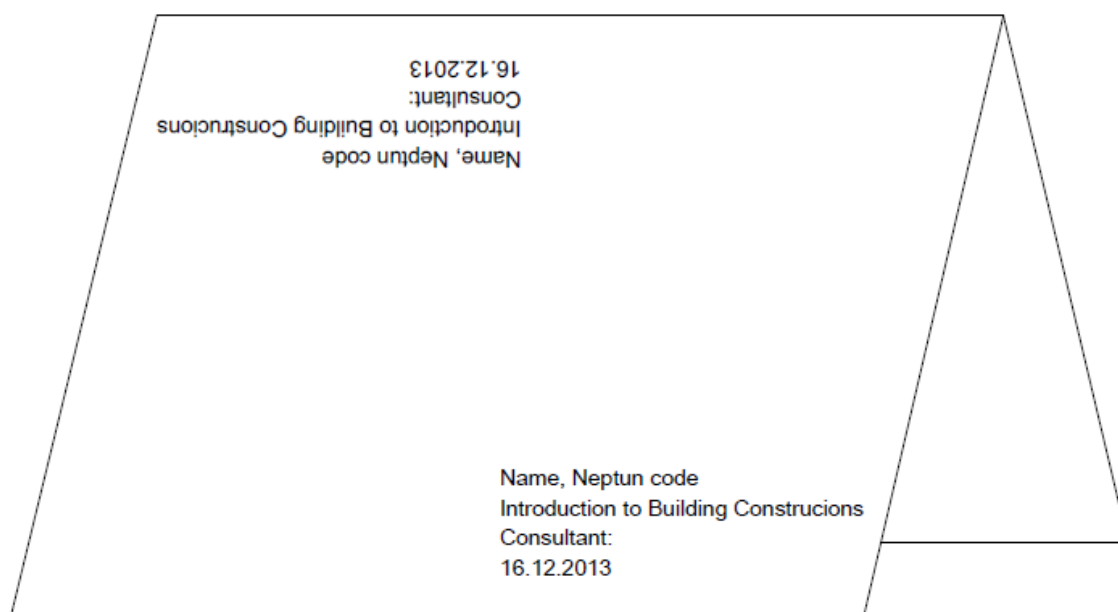
Any kind of direct copying is strictly forbidden (old projects, current projects, other technical drawings). Contracted drawing by other persons will be penalized by immediate expulsion. Only drawings developed by the student during the academic year and periodically shown to the instructors will be accepted!

The task paper and all preparatory papers (sketches, intermediate drawings) must be shown during progress. A dedicated consultant teacher will be assigned to each student. The student may consult other teachers as well, if the dedicated consultant is unavailable. Tasks will not be accepted without consultation. The task paper should be handed in with the projects.

All drawing paper must be standard size A/3 or A/2 with borders and mandatory information, as shown in examples. All drawings must be handed in in a uniform A/3 or A/2 folder.

Mandatory information on the folder:

Name of the Student  
Neptun code of the Student  
Name of the Subject (Introduction to Building Construcions)  
Name of the Lecturer / Assistant (the designated consultant)  
Hand-in date (the actual date of handing in)



Mandatory information on all sheets:

Name of the Student  
Code of the Student  
Signature of the Student  
Name of the Subject (Introduction to Building Construcions)  
Name of the Lecturer / Assistant (the designated consultant)  
Hand-in date (the actual date of handing in)  
Name of the project (for example: „Familiy House Type A1”) /  
Scale of the drawing (1:50)

Remember: if your drawing is lost, misplaced or a sheet falls out by accident, the only way to find out to whom it belongs is thru reading the information that is actually on the paper.

### **Submission**

The hand in dates are noted in the project schedule. Late submission will be penalized. Please note, the submissions are collective and are done at the department (expect lines or some delay).

### **Recurring questions:**

Semester projects missing mandatory information (cover, name, date, course, border etc.), missing in part or utilizing forbidden techniques (non-assigned project, deviation from assigned project, copying other students, using computer techniques, tracing, etc.) will not be accepted. Unaccepted projects will not be given back for correction after the late submission deadline.

Intensive mid-term semester project consultation is highly recommended, as staff will not be available for project consultation on the last week of the course. All consultation should take place during advertised consultation times (during classes).

Note that failure of the semester project will result with failing the course.

Budapest, 2019. September 17.

Bence Jankus – Diána Farkas  
lecturers / practical teachers