

ARCHI-TECH/STRUC-TURE

„FLOATING”

description of the project:

site:

will be specified later

An interesting, challenging point of Budapest, calls for an intervention...

task:

group of flats/apartements

Create an interesting group of 10-20 residential unit, that could be perfect for staying in for a shorter period (1-2 months – 1-2 years). The sizes of the units should be between 40-80 m², and should fit for 1-2 or 3-4 people (individuals, pairs, families). The residential units should be usable for everyday life, they have to have areas for daytime stay, eat, cook, sleep, study/work and have to have bathroom and toilet.

connection

Create an interesting connection system among units, that can be used for access, circulation and social activities.

structure

Create an interesting structure for the whole system that fits to the architectural concept.

goals:

floating

the project as a whole and the details should show and demonstrate the state of „floating”. The functional system, the architectural tools and the loadbearing solutions should coherently express „floating” characteristics.

city connection

the project should reflect the dense urban context

Near surroundings

The project should build connections with the neighbors

Quality of the presentations

The midterm and the final presentation should be clear, should express the concept and should be top quality...

30-06-2017

György Hild, Péter Várkonyi

ARCHI-TECH/STRUC-TURE

„FLOATING”

submission details:

preliminary study – groupwork:

projected presentation

showing the history of the area, the topography, climate, orientation, infrastructure, architectural environment.

midterm – groupwork:

structural model 1:50

showing the load-bearing structure, representing the possible interior spaces.

Presentation

showing basic concept, sketches, site analysis, program, structural frame

final – individual work:

site plan 1:200

showing the surrounding area, the layout, the accesses, the height conditions, the communications with the city...

floor plans and sections 1:50

showing the rooms, walls, doors/windows, furniture possibilities, connections with the near surroundings. Showing the levels, the structural systems/subsystems of the building, the possible layers of the walls/slabs/roofs.

structural floorplans and sections 1:100

showing core structures, main dimension, directions of loadbearing, explanation of interesting points.

3d visualizations -----

showing the 3d geometry and atmosphere of the building, the connections to the hillside and the surrounding city area.

final model 1:50

showing the final the structure, internal and external geometry of one unit

Presentation

showing basic concept, sketches, site analysis, program

The exact scales of the submission materials are subject of future negotiations

30-06-2017

György Hild, Péter Várkonyi

ARCHI-TECH/STRUC-TURE

„FLOATING”

schedule:

Schedule of the project design course Floating		Second half of fall semester 2017	Dept. of Residential Building Design, Dept. of Mechanics, Materials and Structures
No. of week	Tuesday	Thursday	
1.	10.00: introductory lecture (instructors: Hild + Varkonyi) 11.00: site visit	12.00 forming groups, discuss the topics of the preliminary studies 13.15-16: lectures on structural aspects of „floating design” motivating examples (instructors: Ther + Gaspar)	
2.	10.00: presentation of site analysis (instructors: Hild, Várkonyi) 13.15-15: lectures on structural aspects of „floating design” motivating examples (instructor: Hegyi)	12.00: lecture on architectural aspects of „floating design”, residential buildings, motivating examples (instructor: Hild) consultation (instructors: Hild + Vető)	
3.	students: conceptual design 10.00: consultation time (instructors: Hild + Várkonyi)	12.00: students: conceptual design consultation (instructors: Hild + Vető)	
4	10.00: Midterm presentation (10 minutes / group) (instructors: Hild; Vető; Várkonyi; ?)	planned time for visiting an interesting building (time may change!)	
5	students: detailed design 10.00: consultation time (instructors: Hild + Várkonyi)	students: detailed design 12.00 consultation time (instructors: Hild + Vető)	
7	students: detailed design 10.00: consultation time (instructors: Hild + Vető)	12.00: Presentation of final projects (instructors: Hild; Vető; Várkonyi; ?)	

30-06-2017

György Hild, Péter Várkonyi

ARCHI-TECH/STRUC-TURE

„FLOATING”

instructors:

György Hild		hildgyorgy_at_gmail.com
Péter Várkonyi		vpeter_at_mit.bme.hu
Dániel Vető		veto_at_szt.bme.hu
Tamás Ther		ther_at_szt.bme.hu
Orsolya Gáspár		orsigaspar_at_gmail.com
Dezső Hegyi		hegyi.dezso_at_szt.bme.hu