

DEPARTMENTAL PROJECT 3 2014 AUTUMN / DEPARTMENT FOR INDUSTRIAL AND AGRICULTURAL BUILDING DESIGN– DESIGN PROGRAMS

Érd city centre

In the last 20 years the population of the capital decreased by nearly 300 000 persons. The majority moved to the agglomeration changing dramatically the settlements in some cases. Maybe the proportion of migration from and to the capital is now equilibrated and the villages becoming small towns and the small towns becoming big cities can start a quality development after the quantitative one.

Érd makes part of the 2. category, the so called “the biggest village in Europe” has 63 000 inhabitants and is since 2006 county town. This new situation has created new possibilities and new tasks. The town is making big efforts to meet the challenges. The result of the urbanisation process along the Buda street are controversial and of varying levels. Beside the very busy main street numerous interventions were applied to create liveable town-centre.

In frame of the DP3 course in 2014 we will deal with these site, the town centre of Érd. This is a world in transition, where new axes and in front of the city hall a new urban main square were born. One side of the new axe is still limited by the side facades of family house, fences and old fruit trees. The transition is still far not completed, it is not clear where the new axe parallel to the Budai street starts and where it is going to for ending.

this is the perfect hunting area for architects. To understand the existing complex situation, to analyse the urban context and to find new opportunities is the most important part of this semester work. The project sites are close to each other, but their context and character are very different which should be considered for the design project. The existing regulation plan attached is only a guideline, but changes should be supported by good arguments. Also the design program can be changed with teachers agreement.

I. Waterworks building site (parcel number:22 721- 3289 m2)

Due to the new pedestrian axe these industrial site became a strategic point. The site earlier enclosed by family houses became one of the best situated property in the block suitable for important public buildings, too. The demolition of the concrete fence creates for the new building connection with the walkway but also with the museum complex on the other side while the parking and the service entrance can be resolved without disturbing the pedestrian traffic. The existing buildings are of very different quality but can be also reused according to the design program and concept. The site is very big in special cases it can be divided. The difference of the level in the long direction is about 3,5 m. Design programs to choose: 1,3,4 and 6

II-III. parking places at Béke square (931 m2-1711 m2)

Crossing the main square decorated by fountains the pavement and the gardens of the pedestrian axe are change first on one then on both sides by gravel covered parking places. At the end of the walkway we are standing on the facade-less non-recognizable so called Béke square. The surrounding buildings are very heterogeneous on one side we find concrete housing estates, on the other the back of family houses and the ends of their gardens. The characteristic community hall is separated from the walkway by a narrow family house parcel. One of the corners is limited by a transformer house (can be removed) and a tree the other one by the two level high center café. Between the two the empty place is covered by dust or by puddle in rainy times. The difference of level is important. Between Budai street and the walkway the inclination is 3 meters. By considering the urban context and the regulation plan to determinate the place of the building, the build-in ratio and the height of the building is also part of this design

project. A common concept for the use of the site can be elaborated also in group of 3-4 students but the semester work is individual. Design programs to choose: 1,3,5 and 6.

IV. site of the ex- furniture store (pn: 22 568/2, 22 569/2+ 22 570/2- 1683 m2)

The single storey building in front of the community hall and the transformer house is used by the municipality. The property was created by the union of the ends of two plots. Its values is continues to grow by the development of the city centre and the situation could be even better with an access from Edit street. The parcel number 22 570/2 does not exist yet but can be created according to the selected design program. This site is situated on the limit between an area of family houses and housing estates and the town centre. we are looking for answers for this problem during this semester work.

The ex-furniture store has no worth it can be demolished. during the construction of the housing estate this area was filled. Design programs to choose: 2,3 and 5.

DESIGN PROGRAMS

1. Bookstore with café

open- covered place (book-changing market): 100 m2
café (wifi): ~80 m2
foyer, shop, cash: 300 m2
toilets (visitors): ~60 m2
wardrobe: 20 lm
office and meeting room: 40 m2
toilets and kitchenette: ~20 m2
storage: ~60 + 40 m2
room for installation: 80 m2
circulation area: as required

2. Sport club

fitness room: 120 m2
aerobic room: 3x60 m2
squash: 6 courts
foyer, reception, toilets: ~80 m2
buffet: 30 m2
changing rooms: for 50/50 persons
storage: 40 m2 total
room for installation: 80 m2
circulation area: as required

3. Music school:

foyer, reception: ~100 m2
wardrobe: 30 lm
concert hall: 240 m2
rehearsal room: 40 m2
toilets (visitors): ~2x40 m2
classrooms: 10x15 m2
toilets and kitchenette: ~20 m2
office and meeting room: 60 m2
storage and room for installation: ~60 + 60 m2
circulation area: as required

4. Youth center

foyer, reception: ~100 m2
wardrobe: 20 lm
multipurpose hall: 240 m2
buffet: 20 m2

toilets (visitors): ~2x40 m²
club rooms: 4x40 m²
toilets and kitchenette: ~20 m²
office and meeting room: 40 m²
storage and room for installation: ~60 + 60 m²
circulation area: as required

5. Headquarter of an IT company with education rooms:

foyer, reception: ~80 m²
offices: ~400 m²
education room: ~4x50 m²
toilets: ~3x20 m²
meeting rooms: ~3x20 m²
storage: ~40 m²
room for installation: as required
circulation area: as required

6. Library

open- covered place (book-changing market): 100 m²
e-reader (wifi): ~40 m²
foyer, reception: 60 m²
toilets (visitors): ~60 m²
wardrobe: 20 lm
reading room: 300 m²
book storage: 200 m²
office and meeting room: 40 m²
toilets and kitchenette: ~20 m²
storage: 20 m²
room for installation: 80 m²
circulation area: as required

These programs are normative, they can be changed or completed until $\pm 10\%$, but all changes have to be approved by the course leader.

Parking: 50% of OTÉK