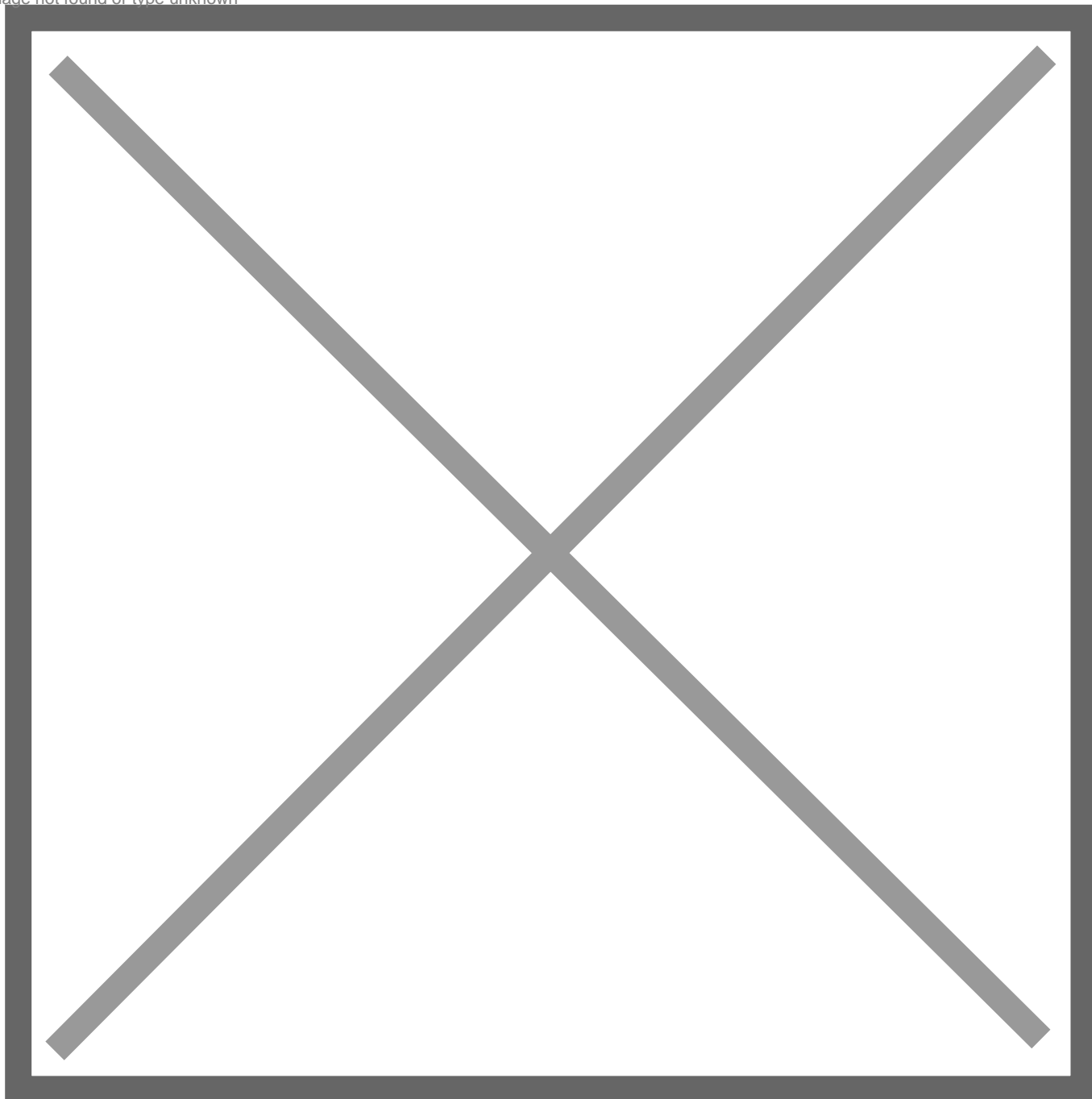


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## Lakóházak [Apartment buildings]

### Hungary

Magasház U. 2  
Pest 1222 Budapest

### Commission

1963

### Completion

1965

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### Original name

Lakóházak [Apartment buildings]

### Original use

Housing /housing ensemble

### Current use

Housing /housing ensemble

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### Architects

Tibor Tenke

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### Concrete by reinforcement

Reinforced concrete

### Construction method

Cast-in-place concrete, in-situ concrete,  
Sliding/climbing formwork

### Architectural concrete

Architectural concrete

### Structural types

One-dimensional/concrete frame, Two-dimensional/  
[shear] wall

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### Description

The experimental character of these social housing blocks originates with the technology tested during their construction and the resulting structural option, both associated with reinforced concrete. The buildings are towers, where the perimeter or façade is a load-bearing concrete wall, complemented by interior walls, also load-bearing, to separate the five units on each floor. In addition, the formwork for the walls was designed to slide vertically, so that the concrete for each floor could be poured all at once, and then the formwork was slid upwards for use on the following floor. In each case, it was only necessary to rearrange the “negative” formwork for the façade openings in the right position for each floor, in order to add variation to the composition of the façade. Rather than an aesthetic choice, the rounded edges characteristic of the building's corners were the result of the need to slide the formwork along the concrete that had already set. A conventional corner at right angles would have been too weak.

The structural typology of the load-bearing walls also allowed for generating an interior floor plan free from intermediate supports in each of the five housing units. This circumstance was used to test a system based on interior partitions that could be reconfigured by the users: depending on the number of inhabitants, space could be transferred between bedrooms and common areas.

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### Links

[A budafoki kísérlet](#)

[Video on the building "Budafoki kísérleti lakótelep"](#)