

## ELEVATED RESCUE HELIPORT Pál Heim Children's Hospital - Budapest



**Client:**  
**A STUDIO 90 Kft.**

### Establishment approval documentation

#### Design task:

Preparation of establishment approval documentation for an elevated rescue heliport on top of new building B of Pál Heim Pál Children's Hospital in Budapest.

**Time of design:** 2019.

### Specification:

#### TLOF:

15 x 15 m square shaped area with concrete pavement

#### FATO:

identical with the design of TLOF

#### Safety area:

4.66 m wide obstacle free theoretical area around FATO

### Summary:

The elevated heliport will be located on the site of the Heim Pál Children's Hospital, on top of the new inpatient treatment building. Next to the central building, the landing site is located on the protruding plateau from the roof of a new 6-storey tower building marked B, which includes only the area of FATO and the safety net.

The patient transport elevator door opens to level 6 and is connected to the heliport platform by a 3-arm ramp. The escape staircase is also located next to the ramp.

The area of the clinic is located in the suburbs of the district VIII. of Budapest, in a residential area. The area of the existing A and the new B buildings is bordered on the west by Delej utca, on the north by Batsányi utca, on the east by the other buildings of the hospital, and on the south by Üllői út.

Technical details:		
Designing aircraft:	EC135 helicopter	
Airport category:	<b>category V. airport</b>	
Aerodrome reference point (ARP):	N 47° 28' 44,23" E 19° 05' 33,61"	
Height above sea level:	146,25 m above Baltic Sea level	
Orientation of heliport:	10 – 29	
TLOF:	15x15	m
FATO:	15x15	m
Safety area:	24.32	m
Pavement:	concrete	
Load-bearing capacity:	5	t