



Name: Osvat
 Location: Budapest, Hungary

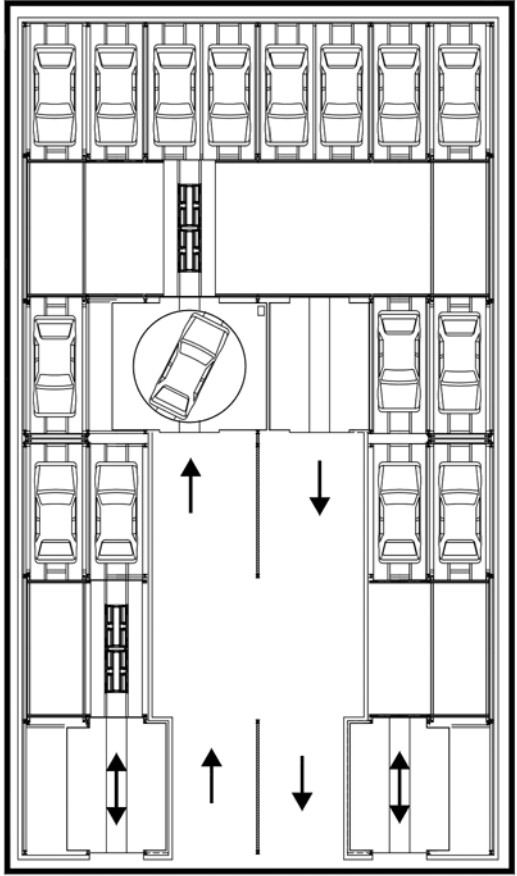
THE PROJECT:

This project was part of the inner-city redevelopment of Budapest. The main driver behind the choice of automated car parking was restricted space. A certain number of car parking spaces were required to service a hotel and office development, and provide for public parking. The Skyparks Robotic Parking System (SRPS) was chosen over conventional parking as it could provide the desired number of spaces within the restrictions imposed.

This site was enclosed on three sides so vehicle access could only be from the front. For optimum performance the car park was split into two systems but this meant that to gain access to the rear system, vehicles would have to pass through the front system. This was achieved by creating a concrete bridge through the front system and the Skyparks Control Software was specially configured to direct the robots round the bridge while still maintaining optimum performance.

Further ingenuity was required to account for heavy snow in Budapest. A simple and effective drainage system was installed so melted snow was collected, treated and discharged from the car park.

- CAPACITY: 340 parking spaces
- SYSTEM: 4 robot trolleys
4 lifts
2 entry and 2 exit modules
- BUILDING: Structural steel frame with concrete facade
- OPERATIONAL: 1997



Budapest entry/exit level