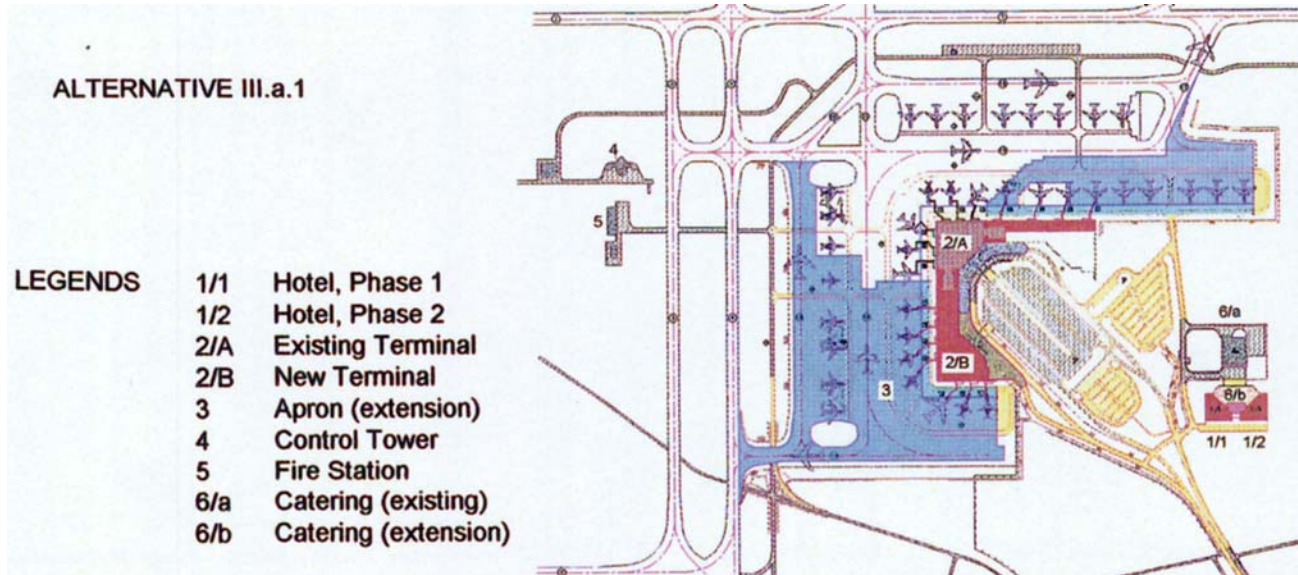


LONG-TERM DEVELOPMENT OF BUDAPEST FERIHEGY 2 AIRPORT



Client:

Ministry of Transport,
Communications and Water Management
Air Traffic and Airport Administration

Features:

Apron:

concrete pavement: 206 000 m²
asphalt pavement: 17 000 m²

Buildings:

terminal with two modules: 74 000 m²
hotel: 19 000 m²

Parking places: 1 900

Time of design: 1993-1997

Time of implementation: from 1997 onwards

Services:

- Traffic trend investigations
- Technical and phasing options
- Economic/financial analyses
- Feasibility study
- Design for approval
- Tender documents

By the early 90s the passenger traffic of the extended Ferihegy International Airport –having two runways arranged at a bayonet pattern, and can be used independently of each other as well - has reached the capacity level of approximately 3 million passengers per year. By eliminating the present system of operating two separate terminal buildings and by developing further the building complex of Terminal 2 it is possible to reach a capacity of 6 million passengers per year which is sufficient for meeting demands even after the turn of the century.

The Feasibility Study having been developed for the expansion of the airport with Code 4E according to the ICAO, facilitated the decision-making between the various alternatives on the one hand, and appropriate phasing on the other hand.

The solutions developed by alternatives considered 14-20 terminal area aircraft stands and 19-24 remote-apron aircraft stands, the phased implementation of which would be feasible in accordance with the increase in traffic. Similarly, it was made possible to expand both the parking facilities and hotel accommodations by phased implementation.