

FIRE BASE APRON BUDAPEST FERIHEGY



Client:

Magyar Építő Rt. (Hungarian Constructing LTD)

Features:

Concrete paving:

80.00 m long and 20 m wide
pavement of basalt chip concrete,
concrete slabs sized 5.00x5.00 m and 4.40x5.00 m,
respectively,
1.00 m wide concrete-paved walkway.

Asphalt paving:

7.50x17.50 m wide asphalt paving.

Service road:

Widening from 10.00 m to 20.00 m

Length of projected section: 72.00 m

Time of design: 1998

Time of implementation: 1998

Services:

- Preparation of combined design for approval and final detail design
- Consulting activities on the site

Expansion of the Fire Base of Ferihegy Airport was carried out in association with constructing Terminal 2B.

The Fire Base has the following functions among others:

- Off-duty facilities for the staff,
- Office rooms for the control,
- Storage and maintenance of the equipment,
- Parking, maintenance and rapid launching of the trucks.

In designing the pavement of considerably small area we reckoned with the following considerations:

- Layouts and elevations of the existing building, road and paving,
- Preserving and/or relocating the existing public services,
- Taking the layout of the building into consideration,
- Environmentally aimed underground water evacuation,
- Accommodation of the projected public service facilities and coordination of the design work,
- Preparation of a genplan.