



Client:
IBENS-CFE Ltd.

Features:
Project area: 18,4 hectares
Customers' parking places: 3.000
Staff members' parking places: 260
Subgrade: 98.300 m²
Road pavement: 94.000 m²
Elevated curb: 10.000 m
Water mains: 1.500 m
Sewer: 4.500 m
Number of storm water basins: 2

Time of design: 1998

Time of construction: 1999

Services:

- Design of road network
- Parking lots, paving
- Traffic engineering
- Drinking and fire water supply
- Waste water disposal
- Storm water disposal and storage
- Oil filtering of storm water

For approaching Hypermarket Cora built in the outskirts of Fót, in the vicinity of M3 motorway and the access road of Sikátorpuszta, the major concept was to separate the commercial and customer traffic, and to provide for safe pedestrian traffic.

The customers approach the parking areas through roundabout junctions. The width of the pavement on the road network is 4,5-5-6-7-10 m, according to its function. The material is sandy gravel protecting layer, cement stabilized sub-base, bituminous binder course and asphalt wearing course. The pedestrian walkways are paved with precast concrete paving sets.

The water supply of the facility is connected to the existing public utilities system, providing for development of a ring conduit system in the design.

A gravity type sewer system collects the wastewaters, discharging into the public sewer serving as a recipient.

The storm water of the parking areas, possibly contaminated with oil, was separated from the clean storm water coming from the roof. The storm water of the parking areas is let through storm water basins, then across an oil filtering structure to get finally into the open ditches as recipients.