

PARKING CONSULTANCY & DESIGN



PRE-PLANNING

Parking Feasibility Studies including:-

- Engineering and Financial Appraisal of Car Park Structures and Parking Systems.
- Planning Requirements.
- Whole Life Financial Evaluations.
- Technical Viability Appraisal including all forms of superstructure frame options.

Preliminary Design Input into Single and Multi-Deck Car Park Layouts including:-

- Parking Bays, Aisles and Ramp Layouts to ensure suitable circulation of both Vehicles and Pedestrians.
- Ensure user-friendly Environments including Ventilation and Lighting requirements as well as sufficient open areas for surveillance purposes.
- To achieve good gross floor area per space ratios.
- Ensure adequate access and gross control to achieve good dynamic traffic flow characteristics.

Green Transport Plans.

Structural and Environmental Inspection Surveys of existing parking facilities.

Maintenance and Refurbishment Reports.

Parking Demand Studies.

Expert Witness and Technical Support for Planning Applications and Planning Appeals.

On-Street Parking Control Design to meet the requirements of the Highway Authority in supporting a Planning Application.

Car Park Pricing Strategies for operational purposes.

Car Park Design Research Services.

Technical Support and expertise to National Bodies responsible for setting standards in parking.

POST-PLANNING

Detailed Sub and Superstructure Design of Single and Multi-Deck Car Park Structures including:-

- Steel Frame
- Reinforced Concrete Frame.
- Precast Concrete Frame.
- Precast Hollow Core and Reinforced Screed Deck.
- Precast Concrete Ribbed Decks.
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Reinforced Concrete Design and Detailing.

Detailed Engineering Design Associated with Maintenance and Refurbishment of Existing Car Parking Facilities.

Detailed Design Co-ordination of Structural, Architectural and Services.

Development of Demountable Temporary Car Parks.

System and Services Specification to Assist with Tender Stage, Procurement and Contract Administration.

Pricing and Operational Strategy

Implement the Approved On-Site Parking Control including:-

- Design of Controlled Parking Zones
- Prepare and Submit Relevant Traffic Orders

Third Party Design Auditor Service

Contract Administration and Site Supervision Services.

Expert Witness Services.

Technical Support and Expertise to Construction Teams.

Technical Support and Expertise to National Bodies. Responsible for Setting Standards in Parking.