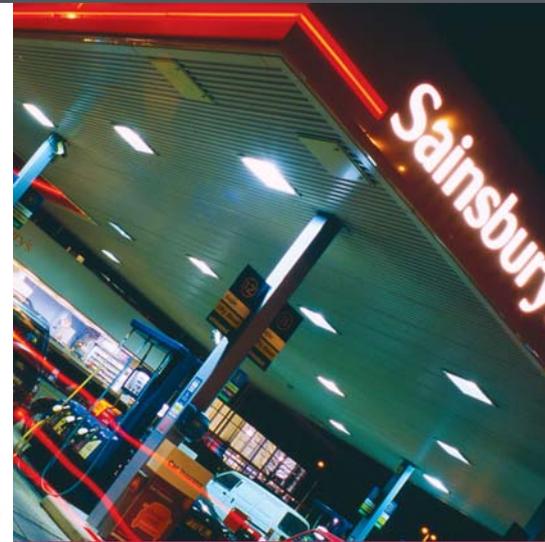


Retail

Case Study



Building Services Design
Consulting Engineers



Sainsbury's, Milton Keynes



The Requirements

Sainsbury's wanted to create a new flagship store - its largest store opening in Europe for eight years. The state-of-the-art store in Central Milton Keynes replaced an existing store around the corner and formed part of a larger mixed use scheme in a prominent position.

The Solution

BSD carried out the full design of M&E services. The project included low carbon technologies through connection to The Centre Milton Keynes combined heat and power scheme. The store draws 1.5MVA of power and 1.2MW of heat.

BSD has a long standing relationship with Sainsbury's, which has included refurbishments, extensions and new build stores from current land stocks and acquisitions. Store sizes vary from 15,000 to 82,000 sq ft and mechanically incorporate cold aisle retrieval, solar thermal, rainwater harvesting and CHP plants. Cross shop, display and emergency lighting form the basis of the electrical design work carried out.

Total Project Value £60,000,000

Design Team

Architect: CHQ Partnership Ltd
Project Management: Davis Langdon LLP
Main Contractor: RG Group

“Retail work is extremely demanding and time is always at a premium; when issues occur they need to be sorted there and then, tomorrow is too late. The new Sainsbury's store at Milton Keynes was no exception and BSD dealt with all the challenges and once again demonstrated the strength, depth and commitment in their business right up to director level.”

Phil Wainwright,
Managing Director, Longcross Engineering.

www.buildingservicesdesign.co.uk

Retail

Project Experience



Building Services Design
Consulting Engineers



Customer: Marks & Spencer, Bishop Stortford
Total Project Value: £6,000,000
The Requirements: A major store extension and remodel
The Solution: • Full M&E design • New comfort cooling installation for sales area extension • Feature lighting



Customer: Tesco Supermarkets
Total Project Value: £Ongoing
The Requirements: Store refurbishments, transitions and new build stores throughout the UK, and introduction of CHP and bio-fuel technologies
The Solution: • Feasibility studies of existing stores for installing CHP and bio-fuel solutions which are reliant on electricity only supplies • M&E design services • Reviewing distribution centres for HWS requirements for the 24-hour service tray wash facilities



Customer: Waitrose Supermarkets
Total Project Value: £Ongoing
The Requirements: Store refurbishments and brand changes
The Solution: • M&E design • Work alongside M&E contractors to ensure on site construction is kept to a maximum of two weeks due to 24-hour store operations



Customer: Liberty of London, Sloane Street, London
Total Project Value: £900,000
The Requirements: New retail boutique requiring extremely high finishes
The Solution: • Detailed coordination and full M&E design • Full comfort cooling • Extensive custom-made feature lighting