



<a href="#">Home</a>	<a href="#">Services</a>	<a href="#">Projects</a>	<a href="#">About Us</a>	<a href="#">Contact Us</a>	<a href="#">Site Map</a>
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**2006 Project Feature**

**Project Name:**  
Shell Retail Store, Wick, Scotland

**Client:**  
Santon Group Developments Limited

**Employer's Representative:**  
Dickson Powell Partnership

**Architect:**  
Ian Burke Associates

**Structural Engineer:**  
Goodson Associates

**Services Consulting Engineer:**  
CSA Consulting Engineers Limited

**Cost Manager:**  
Thomas and Adamson

**Contractor:**  
Barr Limited

**Brief Overview**

This retail shell development in Wick was constructed to accommodate fit out and occupation by Tesco Stores Limited. It is one of their first environmentally friendly eco-stores to be constructed in the UK.

**Full Information**

The internal layout of the store is based upon a standard format design enclosed within a shell structure incorporating a number of environmental and energy saving initiatives. These initiatives include a timber frame, timber wall cladding, north lights incorporated within the roof structure to provide natural lighting and photovoltaic panels and wind turbines to canopy roof to improve the energy efficiency of the store.

The height of the external walls was reduced to minimise the mass/volume of the internal space and roof water is collected and recycled via a rainwater harvesting system.

External works initiatives include the use of porous paving to car parking areas and controlled lighting to car parking and external works for night-time operation.

The end user, Tesco Stores Limited, also incorporated many energy saving initiatives to the mechanical, electrical and refrigeration services installations design in particular, ie generator converted for Bio Fuel, reduced lighting levels, heat reclamation and water cooled integral refrigeration.

**Other construction and operative initiatives include:-**

- Integrated deliveries from centralised hub
- Use of existing adjacent buildings for site accommodation
- Import of timber via local harbour
- Community benefits including bike share and showers

It was determined that the environmental features and benefits should be communicated to the customers by information points and special signage/branding/information panels throughout the store.



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- ASM Properties Ltd
- Bank of Ireland
- Bristol City Council
- CB Richard Ellis
- Defence Works Services
- HSBC Bank
- Lloyds TSB Bank
- North Somerset Council
- Roach Foods
- Santon Group Developments Ltd
- Tesco Stores Ltd
- United Bristol Healthcare NHS Trust
- Wiltshire County Council

[Full Client List](#)

