

- petrol filling station consultants
- architects
- project managers
- cdm coordinators
- breem assessors



Martindales was founded in 1979. The practice is 20 strong and is listed in Building magazine's Top 100 Architectural Practices in the UK. Martindales have expertise in a wide range of building types and undertake commissions throughout the UK from the value of £10,000 to £25 million.

The practice was founded in Architecture and has expanded to provide the in-house services of PFS consultancy, Project Management, BREEAM Assessment and CDM Coordinator. We can also provide a "One Stop" design and management service which includes all value management and structural services..

We are dedicated to the provision of a personal service focused on the requirements of the client and we seek to achieve the highest quality of architectural design and construction, executed within the constraints of budget and programme.

We believe in effective personal relationships, working together with all parties to achieve the client's objectives.

We operate a Quality Management System registered under the ISO 9001:2009 system and environmental management system registered under the BS EN ISO 14001:2004

We are strategically located in Cambridge adjacent to the A14 and M11 corridors as well as major rail and airport links.

Martindales have been working in the Petroleum industry for 25 years as Architects and Project Managers for supermarkets, major oil companies and petroleum retailers.

Martindales have been working with Sainsbury's since the early 1990's and have been involved in the construction of New Build, Refurbished, Relocated and Temporary Petrol Stations; and are still working on all of the 267 Sainsbury's petrol stations throughout the UK and Northern Ireland. We have offered our clients innovations, such as the temporary pfs, ECO pfs and new concept and format designs.

The practice has expertise in delivering projects at all levels, from re-piping and tank installations, acquisitions, refurbishment and extension of existing sites, through to new build Petrol Filling Stations, Convenience Stores, Roadside and Motorway Services Areas..

The Company provides extensive feasibility works/schedules/co-ordination/viability of sites both on the existing estate, new build and acquisition.

As Architects, Lead Designers and Project Managers, Martindales can deal with any aspect of development, from feasibility through planning consent to detailed construction design and management of the contract and programmes on site. Martindales also provides design services to contractors on Design and Build contracts.

The company has undertaken projects for major oil companies BP, Shell, Texaco and Q8, major retailers Sainsbury's, Somerfield, Heron, the Co-op as well as the Ministry of Defence and many dealers.

Martindales is a member of the Institute of Petroleum and the APEA.

Sainsbury's

A Generation of Sainsbury's

→ 1990's - Peterborough, Cambs



← Biggleswade, Beds - 2000's



→ 2010 - Newport, South Wales



temporary petrol filling station

why?	Maintain the amenity of a trading Petrol Filling Station during the redevelopment of the main Petrol Filling Station for the environmental upgrade. This has been used on a dozen sites which has been entirely effective giving at least 75% of the existing fuel volumes.
what?	Above ground Petrol Filling Station tanks 80,000 litre total capacity with 2 grades of fuel unleaded and diesel with portable manned kiosks to serve the customers.
when?	During major PFS redevelopment works for petroleum infrastructure upgrades Duration 9-12 Weeks



manufacture & installation

Manufacture & Installation



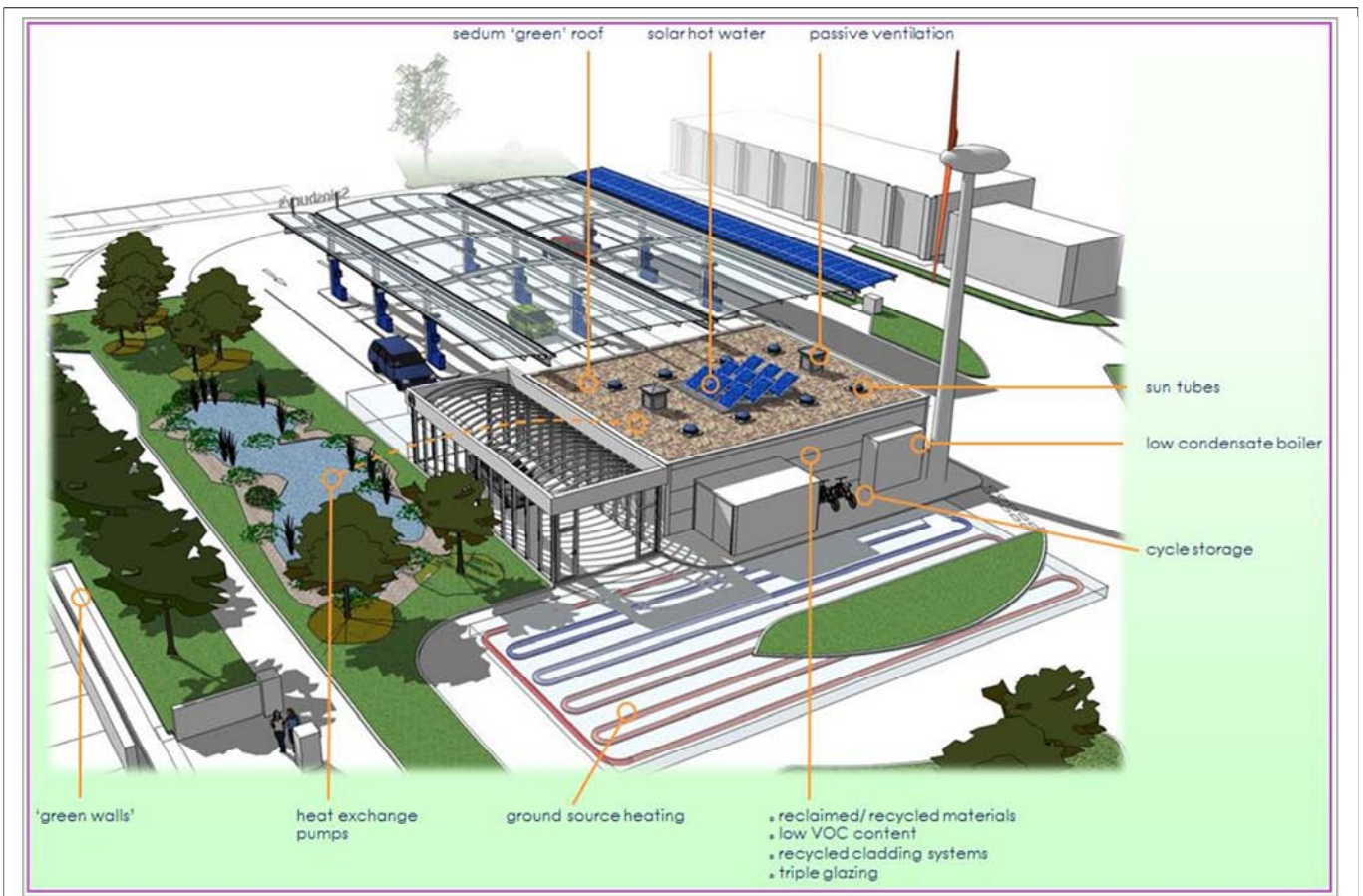
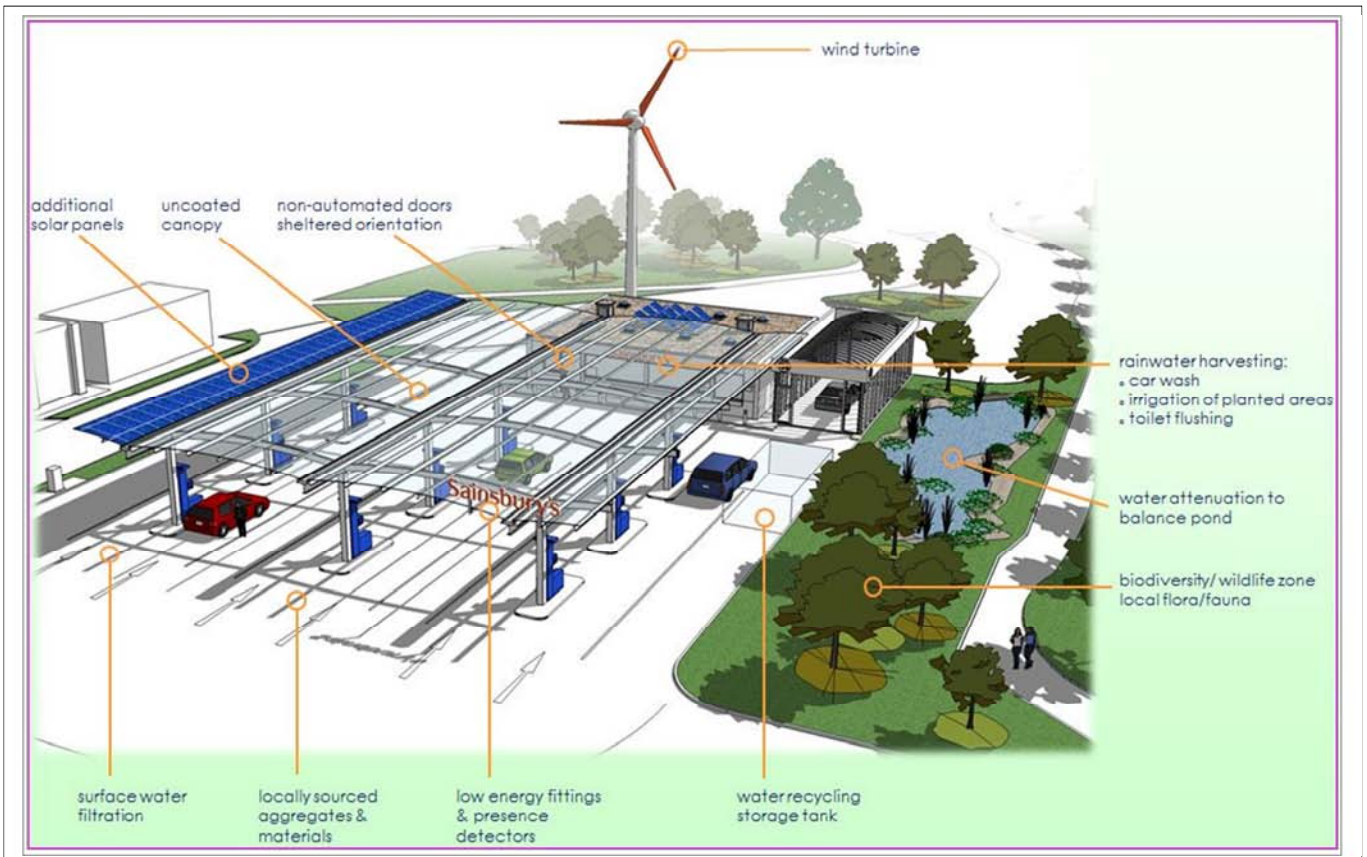
complete & operational

Complete & Operational



sainsbury's eco filling station

concept designs



sainsbury's eco-petrol filling station

Sainsbury's first Low Energy PFS model aiming to reduce energy usage by 50%, generating power from Solar Panels and maximising the usage of rainwater.

Eco PFS



Car wash machine – the car wash machine is fitted with low energy motors which have ceramic impellers which reduce power consumption.

Car wash building – the car wash building is equipped with low energy heating, LED lighting and thermally controlled doors.



Photo voltaic cells – PV cells have been installed on the roof of the kiosk building. These supply electricity to the PFS thus reducing the amount of power used from the national grid. We may even export energy when surplus is generated.



Air to air heat exchangers recover heat from the exhaust air and use it to warm the incoming fresh air.



Refrigeration – sales area refrigeration is now fitted with doors and LED lighting as this reduces energy consumption.



Under canopy lighting – individually controlled LED light fittings are connected to lux sensors and PIR motion sensors. When the forecourt is quiet at night the light dims to 30% of normal levels to save energy. When the motion sensor detects a customer the light is immediately brought back to operational levels.



Rainwater harvesting - rain water is collected from the canopy, kiosk roof and car wash building roof into a 6k litre holding tank. The harvested water is used for the car wash operation and for the flushing the WC in the kiosk.



Sun Tubes allow natural daylight to enhance the overall lighting scheme in the sales area and reduces daytime power consumption.



All light fittings in the sales area are LED they are computer controlled to ensure that the appropriate lux levels are maintained at all times.



90% of the water used for car washing is recycled.

timber frame construction



Timber Canopy Render: The canopy will be of timber construction and treated with a fire retardant coating. The canopy structure will be of glue laminated beam construction as shown in the visualisations



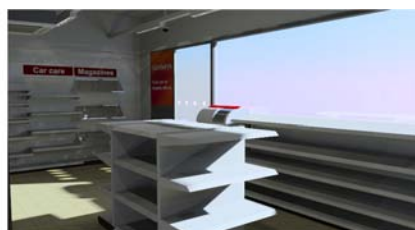
Standard kiosk interior renders with un-painted walls and no false ceiling. Standard commodities layout for 570 sq ft shop with 3 counter layout



Standard kiosk interior renders showing painted timber option with standard commodities layout.



Kiosk exterior with un-weathered cladding.



bp petrol filling stations

BP Petrol Filling Station,
Milton Keynes



Refurbished Petrol Filling Station
BP Rock, Stamford



BP Petrol Filling Station Rushett
Malden Rushett, Surrey



New Petrol Filling Station and Roadside Retail
BP Service Area, Brampton



BP Petrol Filling Station
Michaelwood South, M5 Motorway



oil company petrol filling stations

Heron Petrol Filling Station Petrol Filling Station, Crewe Cheshire

Q8 Petrol Filling Station Petrol Filling Station, March, Cambridgeshire



somerfield essentials petrol filling station, scone



Petrol Filling Stations and Road Side Service Areas

- Client: **Sainsbury's Supermarkets Limited**
 Value: £75 million
 Description: Project management and design of 60 new petrol filling stations.
- Client: **Sainsbury's Supermarkets Limited**
 Value: £225 million
 Description: Project management and design of 335 refurbished petrol filling stations.
- Client: **Sainsbury's Supermarkets Limited**
 Value: £7.5 million
 Description: Conveyor Car Washes, Car Wash Centres, Stand-alone Car Washes, Jet washes, Car Wash Enclosures
- Client: **Sainsbury's Supermarkets Limited/Shell Oil UK**
 Value: £5 million
 Description: 6 joint venture sites between Sainsbury's and Shell with new convenience 'Local' stores
- Client: **British Petroleum Plc**
 Value: £12 million
 Description: Project management and design of 16 new petrol filling stations.
- Client: **British Petroleum Plc**
 Value: £7.2 million
 Description: Project management and design of 14 refurbished petrol filling stations.
- Client: **British Petroleum Plc**
 Value: £9 million
 Description: Prepared designs for major service areas Clackett Lane M25 and Brampton Hut A1/A14 motorway service area.
- Client: **Shell Oil UK**
 Value: £8 million
 Description: 40 petroleum installation refurbishments including retank and repump work with Williams Southern PFS contractors.
- Client: **Somerfield**
 Value: £6 million
 Description: Programme of 6 no. raise and rebuilds in Scotland with convenience stores
- Client: **Heron Plc**
 Value: £11 million
 Description: Project management and design of 29 new petrol filling stations.
- Client: **Q8 Petroleum**
 Value: £1.0 million
 Description: Project management and design of flagship; new image petrol filling station.
- Client: **Co-operative Society**
 Value: £1.2 million
 Description: Project management and design of 3 new petrol filling stations.
- Client: **Ministry of Defence, Defence Estates**
 Value: £2 million
 Description: Specialist filling station design consultancy appointment for four new vehicle-refueling installations on MoD bases in Cyprus