



Laboratory of Molecular Biology

CAMBRIDGE



Working for BAM Construction Limited, T R Freeman has recently finished installing a million pound plus, Kalzip roof for the Medical Research Council (MRC) on the Cambridge Biomedical Campus.

The building has a total usable area of approximately 27,000m² on three main floors and is designed to house 440 scientists plus support staff. Its overall shape is suggestive of an 'X' chromosome and consists of two asymmetrical laboratory blocks conjoined by a central atrium. Facilities within the building include numerous laboratories, a lecture theatre, library, administrative offices, a visual aids department, and a restaurant at roof level with an external terrace.

T R Freeman had up to 16 skilled operatives installing the roofing materials. Initially a corrugated steel deck was affixed onto a structural steel support system, then a vapour control layer followed by insulation and finally, sheets of Kalzip standing seam roofing. Due to its exceptional size and shape, the roof area required approximately 4,000m of Kalzip stucco embossed aluminium and features exceptionally large, fully welded, aluminium gutters, in places some 2.5m wide.

Welcome

to this first edition of our redesigned Kershaw Group Limited newsletter! This includes all the latest news from our three companies – Kershaw Contracting Services Limited, Kershaw Mechanical Services Limited, and T R Freeman Limited – so you can catch up on what we've been doing.

From a quiet start, we're pleased to report that 2011 turned out to be a busy and profitable year for Kershaw, with all three companies going on to win and secure many new projects from all around the country, including several highly prestigious contracts close to the Cambridge, Stourbridge and Erith offices. We are pleased to be able to share some of these highlights with you in this newsletter.

EDGBASTON International Tennis Centre

Working in partnership with main contractor Morgan Sindall, Kershaw Mechanical Services has won a £700,000 contract for the brand new Edgbaston International Tennis Centre which hosts the top professional, female tennis players in the run up to Wimbledon.

This state-of-the-art facility will comprise an indoor tennis centre with six courts, changing rooms, physiotherapy room, training room, viewing gallery at first floor level, Information Technology and Communications suite, reception area and administration offices. The adjacent Priory Club House will undergo partial refurbishment and new build.



The mechanical work involves a standalone complex, complete with plant room, providing heating, gas, and hot and cold water to the internal spine of the building, housing the changing rooms, physiotherapy room, reception and offices, and a 24-burner ambient radiant heating system with passive vent, providing timed temperature control to each of the six individual tennis courts.

BEDFORDSHIRE to get **two new academies**

Kershaw Mechanical Services is installing full building services at two new foundation academies for Central Bedfordshire Council, in partnership with main contractor, Willmott Dixon Construction. All Saints Academy, Dunstable, M&E value £3m, will provide places for around 740 students, aged 11 to 18 years old. The larger Bedford Academy, M&E value £5m, for around 1,440 students.

Both academies will replace existing buildings and are designed around a central hub providing a circular reception atrium. Three wings extend out at All Saints Academy; four at Bedford Academy.

Energy efficiency and environmental impact are key aspects of the build programmes, reflected in the M&E remit which includes under-floor heating, natural ventilation via auto operable windows with temperature sensors, fully controlled intelligent lighting systems and ground source heat pump technology. All Saints Academy will also benefit from roof mounted photovoltaic array totalling 100m².

The academies are designed to be light, open, naturally ventilated spaces designed to stimulate learning, where both students and teachers will feel happy to come each day.



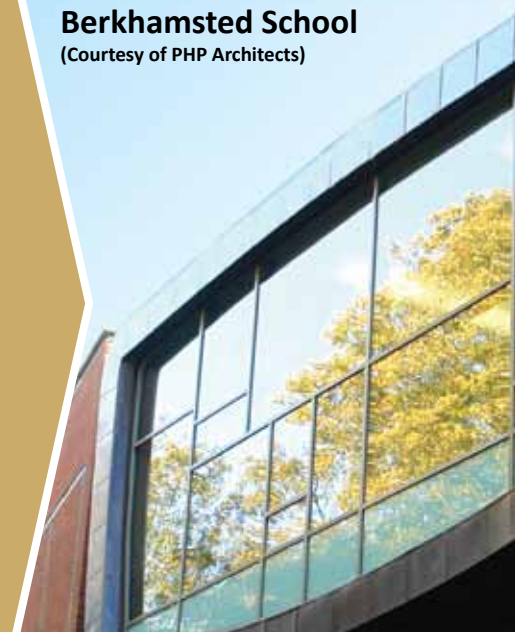
All Saints Academy
(Courtesy of Lyster Grillet and Harding Architects)



Bedford Academy
(Courtesy of Bond Bryan Associates)

Berkhamsted School HERTFORDSHIRE

Berkhamsted School
(Courtesy of PHP Architects)



Arbury Road Surgery CAMBRIDGE

Kershaw Solar was delighted to be approached by this very busy medical practice in North Cambridge to assess whether the building, which has been extended over recent years, would be suitable for the application of Solar Photovoltaic (PV) panels. Following a comprehensive structural survey, Kershaw Solar was given the green light for the installation, helping to generate free energy and a tax efficient revenue stream whilst demonstrating the surgery's on-going commitment to the environment.

The pitched, tiled roof of the original Surgery building was fitted with a 3.78kWp solar PV system consisting of 18 panels. Kershaw achieved the client's remit of completing the installation over the weekend, which was required in order to minimise disruption to the day-to-day running of the practice, and its patients, visitors and staff.



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M&E services maintenance

Kershaw Mechanical Services also operates a Maintenance Division, designed to deliver optimum performance, efficiency and extend the life of your building services. Available 24/7, 365 days of the year, services range from Planned Preventative Maintenance (PPM) delivered over a fixed period, to reactive call-outs, and specialist services including refrigeration, fire alarms, security gates and other systems. Our team of multi-skilled engineers operates nationwide and is experienced in working on both small and large properties for private companies and public sector organisations. Specialist areas include offices, retail, schools, hotels, housing and industrial/commercial.

Contact Neil Morrison, Business Development Manager at
neil.morrison@kershaw-grp.co.uk

SPECIAL PROJECTS

with the multi-million pound contract approach

Kershaw Mechanical Services set up its Special Projects Division 15 months ago, having identified a strong demand for delivery of smaller M&E projects. To date, the company has been commissioned on over 90 special projects which it treats with the same care and attention it gives to its multi-million pound projects. Benefits include direct access to experienced project supervision, full turn-key project management, principle contractor responsibility, including a soft landing capability to help in the smooth handover to clients, and direct, locally employed, trained staff. Clients have included Cambridge Assessments, Cranfield University and Cineworld. To find out more, contact Martin Stacey, Division Manager at martin.stacey@kershaw-grp.co.uk

Top 5 ranking for T R Freeman

We were delighted to be ranked 5th in the TeamKal Leader Board of the Top 100 Approved Kalzip roofing and building envelope installers in 2011. This is a huge achievement and our highest position to date, reflecting our many years' experience in Kalzip - the world-leading multi-purpose, multi-component system for roofs, facades and building envelopes.



The stunning new Nash-Harris building at Berkhamsted School's Kings Campus was completed in time for the start of the new academic year. It was designed as a modern day extension, combining contemporary architectural features with the original Victorian, red brick building. It has a central atrium and includes a spacious dining area, classrooms and laboratories, and a small chapel.

Working for Bowmer Kirkland, the roof installation provided the type of complex project T R Freeman specialises in with six roof areas at different elevations. Each was specified in a distinct material including zinc, copper and Tecu Gold; a copper and aluminium alloy. The Tecu Gold finish, which over time changes from a shiny gold to a soft golden colour, was extended to the inside of the building, creating a focal point around a stained glass window situated high up in the atrium.

ARCA Chairmanship

for Kershaw Contracting Services' Managing Director

Ian Macklin has been appointed Chairman of the Asbestos Removal Contractors Association (ARCA) - the leading trade association in the field of asbestos management services – a role he is well qualified for, having served on ARCA's Governing Council for seven years and as Regional Chairman for the South East for four of these.

Ian brings to his new position over 25 years in asbestos management, having originally started with Kershaw as General Manager for asbestos removal. Since then, Kershaw Asbestos has developed and grown over the years to offer asbestos surveying, removal and consultancy for numerous clients including contractors, commercial landlords, local authorities, housing associations and private individuals.



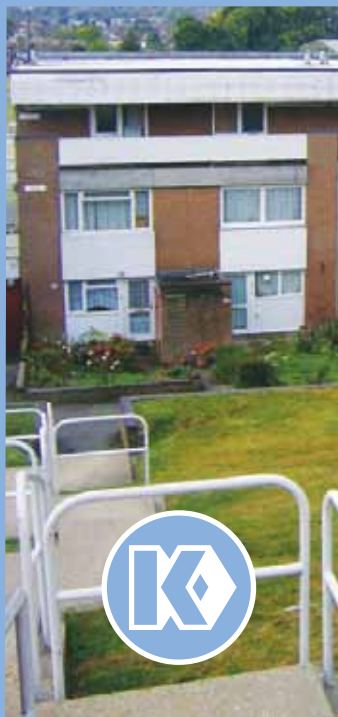
Ian Macklin

Hastoe Housing Association Limited

A recent high note for Kershaw Contracting Services was being appointed to provide insulation and asbestos services to Hastoe Housing Association.

With over 4,000 properties in its portfolio, the Association works mainly in rural settings, in partnership with 61 local authorities across the south, east and west of England. Kershaw will be involved in the retro-fitting of 2,500 domestic properties in the south of England.

Working with the Trevor Benton Group in the Crystal Palace area, Kershaw Asbestos operatives have been removing a warm air unit which contained asbestos, associated asbestos boarding and an asbestos cement flue. Kershaw Insulation are currently surveying homes with insufficient insulation and will then install cavity wall and loft insulation.



UKAS accreditation for Asbestos Management Services



Kershaw Asbestos has recently been awarded the highly regarded UKAS accreditation to perform asbestos surveys and inspections. Kershaw Asbestos provides management, refurbishment and demolition surveys within a controlled quality management system, giving clients peace of mind that they comply with current legislation and their buildings are safe. Once a survey has been completed, a management plan is created for the on-going management of the property. Our contact for asbestos surveys and inspections is Tim Peters, Survey Division Manager. Email tim.peters@kershaw-grp.co.uk.

The Group

Kershaw Contracting Services provides public and private sector clients, and private home owners, with a variety of insulation and environmental solutions for new build and refurbishment projects.

Services encompass: the installation of cavity wall and loft insulation, fire barriers, the installation of domestic central heating systems, boilers and controls, asbestos surveys and removal, solar Photovoltaic and thermal installation, and air source heat pumps.

T R Freeman

is one of the UK's leading architectural metal roofing and cladding companies, specialising in the design and installation of stainless steel, copper, zinc, lead and aluminium roofs.

The company is an approved installer for Corus Kalzip, KME, Rheinzink VM and Kingspan as well Sika Trocal and many of the industry's leading single ply materials. It has a portfolio of high profile projects including the Accordia housing development, Cambridge which won the RIBA Stirling prize for architecture.

Kershaw Mechanical Services designs, installs and maintains mechanical and electrical services for industrial and commercial buildings plus bespoke, high value, domestic properties.

The company has a track record in delivering M&E projects in excess of £10m and offers in-house CAD design expertise. It owns and operates its own ductwork production facilities, giving clients a significant degree of quality and project control.

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News in Brief

Kershaw Contracting Services has...

...has been appointed by facilities, property and asset management company MITIE, to install cavity wall and loft insulation into approximately 5,000 homes in the south of England.

...trained up teams of external wall installers during 2011 in preparation for the Government's Green Deal and Energy Company Obligation initiatives. We have already installed a number of systems and remain optimistic of rapid growth following the introduction of the Green Deal.

...been selected to join the Eastern Shires Purchasing Organisation (ESPO)'s Asbestos removal framework, supplying services to local authorities and housing associations in eastern England, and the east and west midlands.

Kershaw Mechanical Services has...

...been appointed to undertake the M&E refurbishment of the ground floor of John Lewis' Oxford Street store involving new ventilation systems to the ground floor sales area, heating modifications, and water and drainage to basement areas.

...secured orders for designing and installing full building services in the new Waitrose stores at Bath, Alton Hampshire, and Stratford-upon-Avon. The company has previously worked on over 30 new and refurbished stores.

...said farewell to Sheet Metal Worker, Trevor Cowell who joined the company's workshop in January 1962 and retired after 50 years of service in the manufacture of ductwork for M&E projects.

T R Freeman has...

...recently secured the contract to install the roof on the new Bedford Academy, which will see them working alongside Kershaw Mechanical Services with Willmott Dixon Construction.

...received the roofing order from Kingerlee for Pembroke College, Oxford, a new development which will extend the College's main site, providing an additional 91 en-suite student bedrooms, flats for post-graduates, a new auditorium, café and other facilities.

...nearly completed installing the zinc roof to Winchcombe School, Newbury's £1.2m performing arts block.

As this is our first edition of *In focus*, it would be great to receive your feedback on it –

contact Sarah Payne,
PR and Marketing Officer,
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e: sarah.payne@kershaw-grp.co.uk.

Lastly, all that remains is for us, here at the Kershaw Group, to wish you all the best with your business for 2012.

