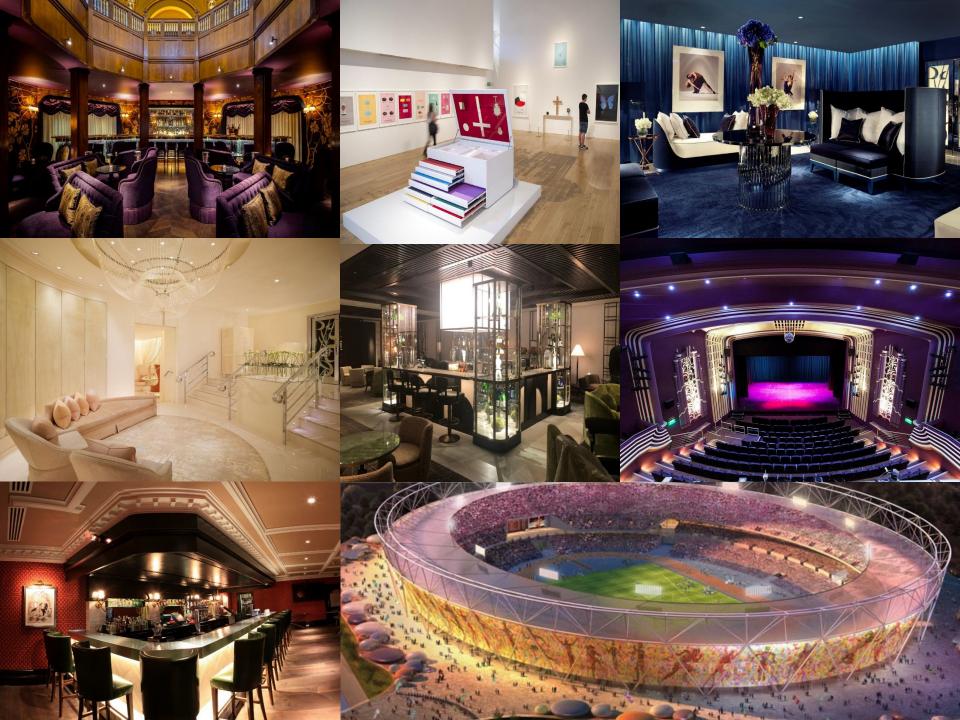
LEIS URE



World leading Cruise Terminal to Premier League training facilities. High profile visitor attractions and galleries, sporting venues and

health and fitness clubs, theatres, conference centres, restaurants and bars







education for Portsmouth City Council. We undertook the design and installation of all of the mechanical, electrical and specialist installations including public address, audibility control for the hard of hearing, lighting control, heating, cooling, ventilation and automatic controls. Full mechanical and electrical installation to a multi-use community centre incorporating sports halls (to Sport England Standard), local business hubs, crèche, gymnasium, teaching spaces, library and youth centre



We joined "Team Stadium" for the installation of the public health and ventilation installation to 33no Pods, which formed the welfare facilities for the 2012 Olympic Stadium. The project consisted of the installation of the extract ventilation, above ground drainage, hot and cold-water installations within the WC Pods, which are situated on the podium level of the stadium. We worked alongside SRM and the Olympics delivery team to ensure that the project deliverables were met for both the installation and testing of each Pod





We undertook the supply and installation of the mechanical services to the new HB (Heston Blumenthal) Restaurant 'Dinner' at London's renowned Mandarir Oriental Hotel. Services included: ventilation and air conditioning to kitchen and restaurant areas, including reverse osmosis water treatment plant









This refurbishment project at Hyde Park Corner consists of converting the Lower Ground Floor into a brand-new Spa. New ventilation installation inclusive of air handling units and extract fans. We reused the existing heating system serving the installation of new fan coil units throughout the Spa, which are also fed via a chilled water supply from the newly installed chiller units located within the Loading Bay. The Spa has been provided with new sanitaryware and new domestic water services via the hydropool plantroom. Within the plantroom a new cold water storage tank and booster set is located providing fresh water to the Spa. The loading bay has been refurbished to contain the main plantroom, housing the chillers and hot water cylinders. The loading bay is the new location for their staff accommodation area and the new employees of the Spa



This project is a new build cruise terminal for ABP to service Europe's largest passenger port, incorporating one of the largest Glulam beam constructions in the world, providing a state of the art 'Gateway to the Sea' for passengers from around the globe. The project consists of security, baggage handling and waiting areas for up to 400 passengers at any one time. The areas are served via air handling systems heated and cooled from a centralised reverse cycle heat pump, serving underfloor pressurised floor ventilation. The electrical installation consists of new low voltage power distribution, life safety, lighting, small power and data. The building has conventional fire and aspirating smoke fire systems. The security consists of CCTV and access control







Mechanical and electrical services installation to an English Heritage listed building in the centre of London. The project is the transformation of a mixed-use building into one of London's premier Boutique Hotels with 40 guest bedrooms. Designed by World renowned interior designer Jacques Garcia. The Restaurant l'Oscar was part of the refurbishment works





and temperature-controlled ventilation system, air conditioning, LTHW underfloor heating for the restaurant and shop, domestic services, small power, fire alarm system, data network and a lighting control system. The Centre was opened by Her Late Majesty Queen Elizabeth II and was a finalist for RIBA 'Building of the Year'



This ground floor development is within the completed Mayflower Halls student accommodation project we undertook, incorporating a new Cooperative convenience store and a new modern gymnasium. The works consist of all mechanical and electrical services to the gymnasium of the development, including a new HVAC system, ventilation system, control system, lighting throughout the ground floor, data installation, CCTV and fire alarm systems





distribution boards, small power distribution, lighting, fire alarm system, public address voice alarm system and a security system



CHICHESTER FESTIVAL THEATRE Project Value: £3,420,000



This project was a major redevelopment of this iconic 1960's Grade II listed building and provided a completely updated facility helping this important venue to maintain its standing in the national and international arts world. Completely new mechanical and electrical services installations were provided and carefully integrated into this complex structure. The works comprised of heating and cooling systems serving back of house and the existing auditorium, displacement ventilation and general heat recovery systems





The Metropolitan is among the capital's most enduring design phenomenon. The Hotel combines cool looks with a contemporary mindset, with floor to ceiling windows looking out over a glittering skyline. Nobu at the Metropolitan is more than a scene stealing Restaurant; the environmental conditions are superbly controlled to create a cool, crisp ambiance. Whilst refurbishing the entire Hotel, The Met Bar proved a little more interesting with its urban image, leather booths. A laminar flow air conditioning system was introduced via ceiling mounted perforated plates





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BROADLANDS HOUSE, ROMSEY Project Value: £850,000



Mountbatten and is current home of Lord and Lady Brabourne. It is a Grade I listed Palladian Mansion with 60 rooms and has recently been the subject of major renovation, including the replacement of all heating and domestic water services and the construction of a new external plantroom. The project included the installation of new biomass boilers, delivering a sustainable solution utilising wood chip produced as a bi-product from the Estate's waste wood. The removal of all existing plant and distribution pipework, the construction of a new plantroom and the installation of heating installation with 4,000 metres of copper pipework being installed, utilising crimp jointing techniques to avoid hot works

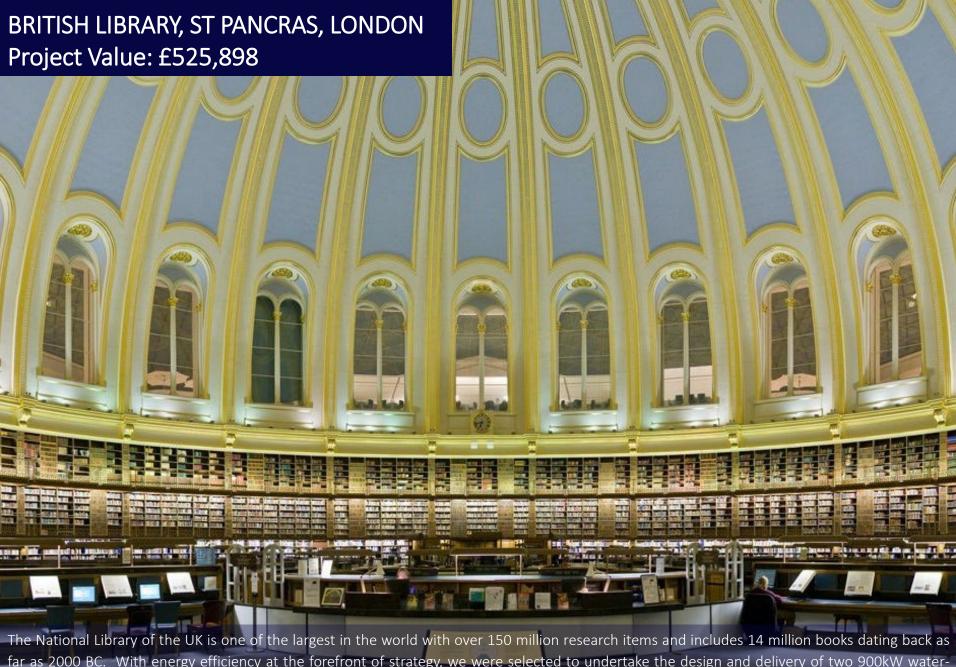


Replacement of two York water cooled chillers with new super efficient turbo core chillers to allow more efficient operation of the chilled water services. The chillers were dismantled to allow them to be moved into the sub-basement plantroom then rebuilt and commissioned. Adaptions to the existing pipework to allow a flow meter to be installed and new connections to the chillers were made

BOVINGTON TANK MUSEUM Project Value: £409,000



The project comprises of a single storey workshop unit to provide a temperature and humidity-controlled storage facility to house the Museum's collection of military vehicles which have previously been located outdoors. A small public viewing gallery has been provided on a mezzanine floor level for exhibitions. The total internal floor area covers 4034.6m²



far as 2000 BC. With energy efficiency at the forefront of strategy, we were selected to undertake the design and delivery of two 900kW water-cooled chillers integrated into the building's existing chilled water and heat rejection circuits, whilst maintaining a fully operational building of significant size and a range of specific cooling demand

THE LIGHTBOX GALLERY, WOKING Project Value: £700,000



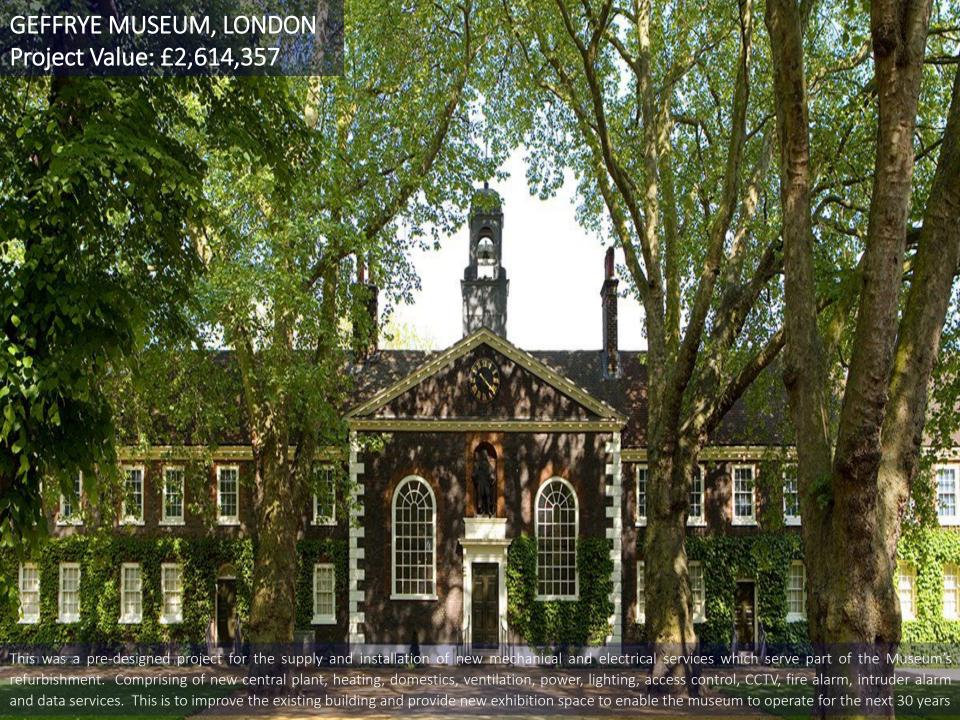
The Lightbox Gallery and Museum in Woking is one of the most exciting cultural spaces in the South East. Three stunning galleries host a huge range of exhibitions, changing regularly. The project included heat recovery ventilation, passive/natural ventilation systems, LTHW underfloor heating, chilled water system, domestic services, above ground drainage, building management control system, LV power installation and lighting installations





Refurbishment to 348 guest bedrooms, front of house, public areas, function rooms, corridors and the conversion of 78 meeting rooms/offices to new guest bedrooms and the new Restaurant and Bar







Replacement of two chillers serving the archive vaults at the National Archives. The existing main chillers were lifted off and replaced with two new units, including valves and pipework and connections to the main buffer tank. Upon completion of the installation the chillers were re-commissioned as run and standby, and water treatment applied to the system



Harrington Hall Hotel, is a full refurbishment of the existing Grade II Hotel. The original Hotel is formed from 6 Town Houses of which were brought together over several years to form what is now a 236-guest bedroom Hotel. The refurbishment brings a new sense to Apart Living, providing guests the ability to take short/medium/ long-term residency, whilst enjoying the benefits of a Hotel stay. Modern energy efficient solution to the scheme, with the latest air source heat pump technology adapted for heating, cooling and hot water generation, alleviating the requirement for natural gas. All the mechanical and electrical services are brought together to be 'smart' controlled via an intuitive 'Guest Experience' app, enabling users to interact with their lighting, heating and cooling together with access to the room and the Hotel's other facilities which include; Pool, Spa, Gymnasium, Bars and Restaurant





most iconic work of architecture that London has ever seen. In 2009 a world record was set when one of the apartments sold for over £140 million. This project is all about prestige and luxury, using some of the most innovating interior design available. We were awarded the communal leisure facility on the project, which was set out over two floors and combined elements such as a spa, squash court, cinema, party room and virtual golf driving range. The works consisted of a complete mood lighting and scene setting system to all areas, providing atmospheric lighting with some of the Worlds most specialised/custom luminaires











The Nobu Hotel, situated in Portman Square, London has undergone a full build and mechanical, electrical and public services refurbishment over a period of 18 months. The rebuild incorporated 249 fully refurbished guest rooms featuring state of the art services and materials including access control, LED lighting and full climate control. The Hotel also has a brand-new reception area and Nobu 5 Star Restaurant. We provided new plantrooms, new chillers, new air conditioning, new waste management systems, state of the art IT solutions, a water mist safety sprinkler system, fire alarm, LED lighting and security. A new staff office and welfare facilities are also provided





further works at the Grandstand, Groundsman Store and Security Lodge. The Pavilion is adjacent to the first team training pitch, and it consists of changing rooms, dining areas, relaxation areas, a commercial standard kitchen, laundry facilities, medical/rehabilitation facilities, gym, swimming pool and administration areas. The Grandstand was built to overlook two training pitches. Within the ground floor are the changing rooms and the first-floor public toilets and vending areas. The Groundsman Store has general storage areas for the ground maintenance plant together with a staff room, kitchenette and toilet/shower facilities. The Security Lodge has an administration area and toilet facilities





BRENTFORD FOOTBALL CLUB TRAINING ACADEMY Project Value: £345,000



Full design and build of mechanical and electrical services to a newly developed football training academy for use by both Brentford Football Club and Uxbridge High School. The product is a two 'hangar' shaped building comprising of a new indoor full size '4G' pitch, gym, physio rooms, changing rooms, two classrooms and a first floor viewing area with new kitchenette. Services include new domestic hot and cold-water services, LTHW system providing heating via various radiators and heating coils, ventilation services (including fresh air and heat recovery systems), new Trend based BMS system, lighting, power, security, fire alarm and class change systems are also provided



We were engaged to do a base build project at the new ITV News Desk Studio in Whiteley. ITV were moving from Fusion 1 to Fusion 3 as their lease had expired. The works consisted of mechanical, electrical and air conditioning of the ITV Studio's new development at Whiteley, Fareham including electrical services, fire alarm, gas suppression, UPS, air conditioning and ductwork



IMG are a large independent media company which specialise predominately in the sports industry, producing, sponsoring and broadcasting programmes to TV and radio companies throughout the world. The site in Chiswick comprised of two multi storey office blocks, one studio facility and one media editing building. We were based on site with resident engineers carrying out the full integrated facilities maintenance to all mechanical plant and services, domestic services, lightning protection, kitchen services and water treatment, along with monthly monitoring. Our services also extend to 24 hours a day, 7 days a week call out facility, 365 days a year. The full time integrated facilities management was £600,000 per annum. During our 10-year involvement with IMG and 6 no. years providing full facilities maintenance, we carried out various projects on all sites from the full supply, installation and commissioning of air conditioning mechanical services to the media editing suite, 3, 4, 5 and 6 floors for the main office blocks including associated fresh air ductwork modifications



Total Value: £1,354,414 £240,000 per annum



IMG are a large independent media company which specialise predominately in the sports industry, producing and sponsoring broadcast programmes to all TV and radio companies. From December 1999 and our association with IMG we have undertaken both facilities and mechanical and electrical project works. These include new lighting, new and replacement air conditioning installations, chiller replacements and works to TV studios and editing rooms



Swimming pool refurbishment and new changing facilities comprising of the supply and installation of: pool plantroom installations, heat recovery ventilation, domestic services installations, above ground drainage, and sanitaryware to new public swimming pool



This project was a design and build mechanical and electrical remodelling/extension of an existing Leisure Centre to provide up to date facilities and new Library and Fitness Suite for the public. The building consisted of a new Gym and Exercise Room facilities, Library, Offices for the Council, Swimming Pool and wet/dry Changing areas. There was also a new Sports Hall developed with squash and basketball courts. New services installed within the Leisure Centre consist of a new LTHW heating circuit feeding both radiators and air handling unit heating coils. New VRF systems serving all office areas, gym facilities and Library. New ventilations systems (including 6no air handling units) serving both supply and extract tempered air throughout the various areas of the building. Domestic hot water is via plate heat exchangers and storage vessels. Lighting is generally via false-ceiling type fittings with feature lighting within the reception. A fire alarm system including a Vesda system to the new pool areas. Data was installed throughout the building which has a complete audio/visual infrastructure. Disabled toilet alarms and a refuge call system were also installed. External lighting to the building, surrounding paths etc has also been installed.



The Ruby Lucy Hotel, is a new build Hotel with new mechanical, electrical and public services installations throughout over a programme period of 8 months. The building has been built from the basement up, to incorporate 76 fully refurbished guest rooms over 4 guest floors featuring state of the art services and materials including access control, LED lighting and full climate control. The Hotel has a basic guest driven Reception and Café area. We provided new plantrooms, new air conditioning, new waste management systems, state of the art IT solutions, fire alarm, LED lighting and security

