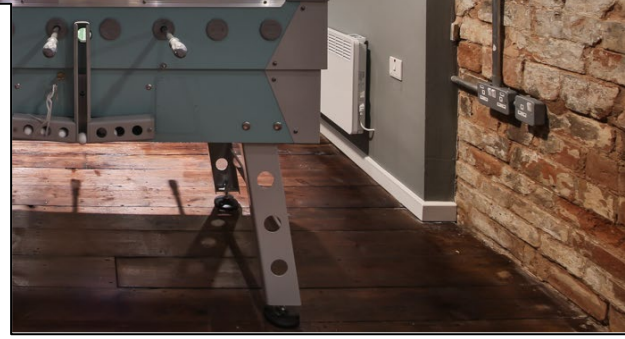
STUDENTS

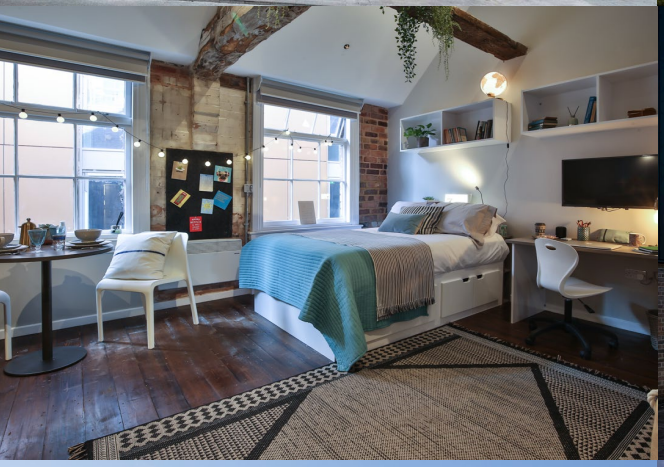
From multi-storey modular accommodation blocks to bespoke living spaces for residential students with special education and learning needs, we are experienced in developing and delivering accommodation facilities. £42million and 4,178 Student bedrooms and numerous shared facilities, for example, cinema rooms, gyms and cafes have been successfully delivered



THE EMPORIUM, BIRMINGHAM







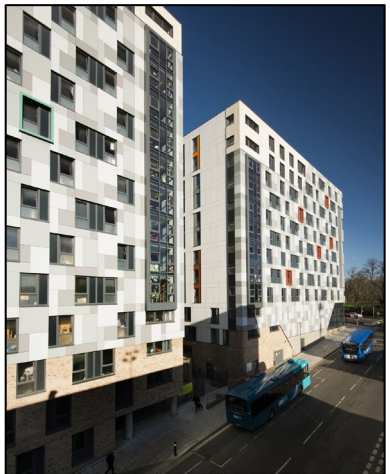
University of Roehampton

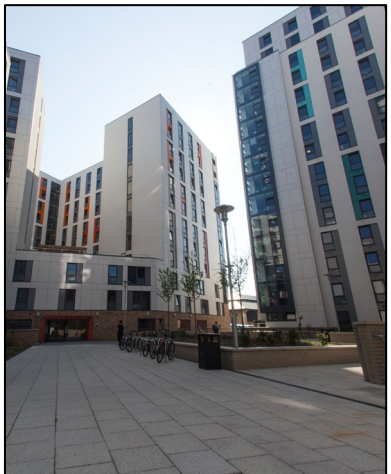
MAYFLOWER HALLS, UNIVERSITY OF SOUTHAMPTON
Project Value: £8,330,000

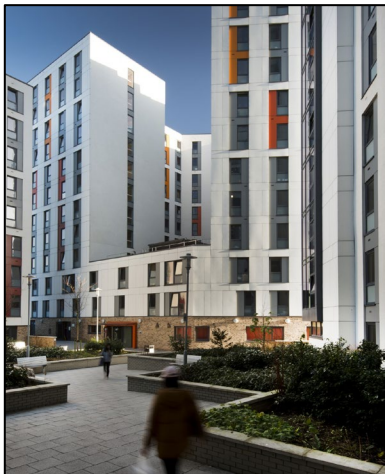
Mayflower Halls is a development of 1104 student apartments, communal areas, retail, plaza and gymnasium. Over three tower blocks from 12-16 storeys. We secured 'preferred bidder' status under a two-stage tender process and worked closely with the project developers, construction team and ultimate tenant, Southampton University to provide energy efficient and modern living accommodation. Design development of heating and hot water schemes, utilising Southampton's district heating main, heat interface units and latest piping techniques saved over £1.0m on the mechanical and electrical services cost plan/budget and a reduction of circa 350m² of plant space, providing £400,000 of construction and excavation costs


MAYFLOWER HALLS, UNIVERSITY OF SOUTHAMPTON

MAYFLOWER HALLS, UNIVERSITY OF SOUTHAMPTON







BURMA ROAD, UNIVERSITY OF WINCHESTER
Project Value: £2,914,500

Five new build student accommodation blocks comprising of 470 single study student bedrooms, seven accessible study bedrooms, two number two-bedroom flats and two number one bedroom warden flats, with kitchen facilities on each floor. The works included central water storage and distribution, central power distribution, domestic water services, ventilation including heat recovery, internal drainage, power, lighting, fire alarm, disabled WC and refuge alarms, data, TV installation, door entry system and dry risers

ELM GROVE STUDENT HALLS AND CONFERENCE CENTRE, UNIVERSITY OF ROEHAMPTON

Project Value: £5,778,134

This project is a new build 5 storey accommodation block comprising of 358 student bedrooms, 15 accessible student bedrooms, 1 wardens flat and communal areas including; a conference area, a conference events area, meeting rooms, non accommodation areas and a main reception. The works include central water storage and distribution, power distribution, domestic water services, extract ventilation to bathrooms, supply ventilation to conference rooms, internal drainage, lighting, fire alarm, disabled refuge, TV installation, dry risers and access door entry system

ELM GROVE STUDENT HALLS AND CONFERENCE CENTRE, UNIVERSITY OF ROEHAMPTON

EAST STREET, SOUTHAMPTON SOLENT UNIVERSITY
Project Value: £4,226,777

The 2.25 acres of land that comprised of a former shopping centre, a vacant 12 storey office block and a public house have been demolished to create a beautiful 423-bedroom student accommodation building (consisting of a 12-storey town block and 11 new build town houses) near to Southampton Solent University in Hampshire. This project consisted of mechanical and electrical services including; drainage, disposal and water installations and associated insulation to soil vent pipes, a plantroom, heat source and pipework, space heating, air conditioning and ventilation. The building also required the installation of a gas supply, dry risers, a sprinkler system and AOV smoke vents, control systems, CCTV, intruder alarms and Network Communications installed throughout

RIVERSIDE WAY, UNIVERSITY OF WINCHESTER
Project Value: £2,115,463

Full design and build mechanical and electrical services of 239 new student units in Winchester. Services including new domestic services, heating and hot water served via boilers and CHP, life safety systems, data and IT. Also includes designs for specialist services for fire alarm and detection, CCTV, access control, security, EVC, DDA alarms and specialist lighting design for the interior and exterior landscape

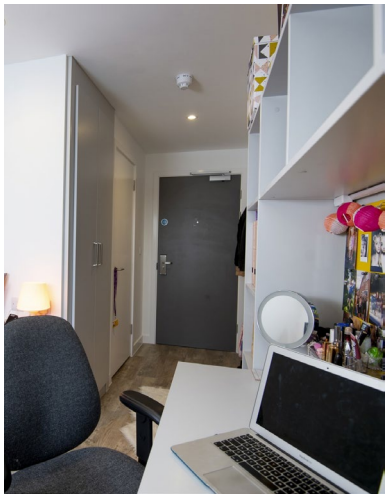
RIVERSIDE WAY, UNIVERSITY OF WINCHESTER

CATHEDRAL POINT, UNIVERSITY OF WINCHESTER

Project Value: £2,532,672

Three new five storey accommodation blocks are being built following the demolition of the existing depot and yard, on Andover Road, Winchester. The new buildings will provide accommodation for 257 students, as well as a communal room for social events. We carried out a full MEP design package for the supply and installation of: Electrical services; Mains and sub mains, distribution boards, containment, lighting, power, data, fire alarms, access control, EVAC and DDA alarms, automatic opening vents. Mechanical services; low temperature hot water heating, radiators, domestic hot and cold services to bathroom pod connections, new gas fired boilers, combined heating and power unit to generate electricity and heat simultaneously. Local ventilation for bathroom pod, extract from bin stores, air conditioning system to the IT Hub Room, rainwater pipe and soil vent pipe.

The site possessed some unique challenges to overcome during the construction period i.e., working close to a main train line, limited access, limited storage and site office availability. With the build process also providing its own unique set of challenges, with the main plantroom and electrical incoming services located in Block A, the last block to be completed, outgoing mechanical and electrical services were planned carefully to take this into account



CATHEDRAL POINT, UNIVERSITY OF WINCHESTER

MOUNT PLEASANT HOUSE, CAMBRIDGE
Project Value: £3,285,915

The project is the redevelopment of an existing office block that has been demolished to make way for four new blocks consisting of 199 en-suite student rooms and 73 self-contained studios for academic staff and post-graduates. The site is located within the heart of Cambridge, surrounded by many of the elite Colleges and the top floor studios provide a view over the city.

The project comprises of the mechanical and electrical design package, this includes a fully fitted out energy centre (plantroom) containing 4 gas fired boilers in a cascade sequence, automatic BMS controls and a combined heat and power unit. Other mechanical services include low temperature hot water heating fed via radiators, domestic hot and cold services to bathroom pod connections. Each room has local ventilation for bathroom pod, and a small extract from bin stores, air conditioning system to the IT Hub Room, rainwater pipe and soil vent pipe. Electrical services include mains and sub mains, distribution boards, containment, lighting, power, data, fire alarms, access control, EVAC and DDA alarms, automatic opening vents. The kitchens also include fire suppression units which shut off hobs and spray a foam (like that found in fire extinguishers) over the hob in the event of a fire

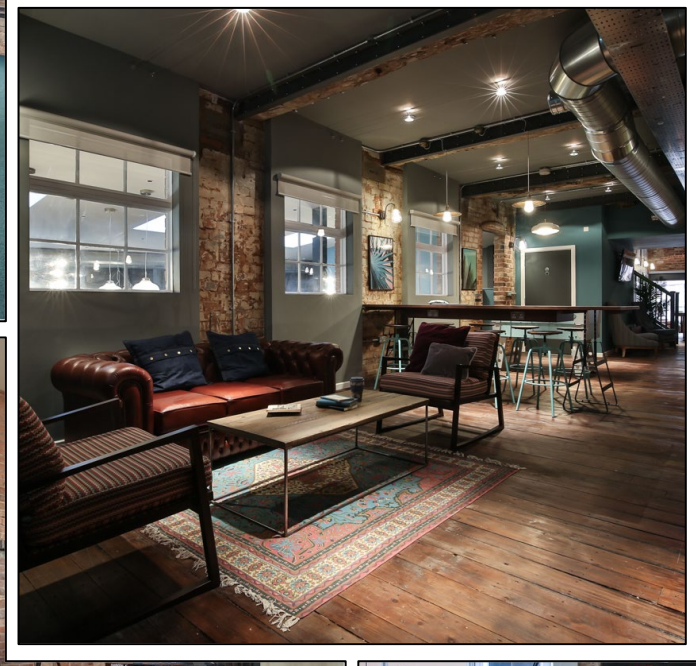
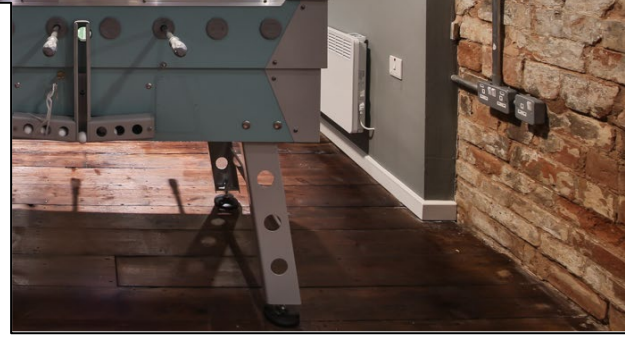
MOUNT PLEASANT HOUSE, CAMBRIDGE


MOUNT PLEASANT HOUSE, CAMBRIDGE

THE EMPORIUM, BIRMINGHAM
Project Value: £2,758,463

Complete design, supply and installation of the mechanical and electrical services to a new build student accommodation comprising of 171 rooms within a 14-floor tower plus gym, cinema, reception, laundry and retail units. As well as five Heritage buildings which contain further student accommodation, work rooms, cycle store, games room, common room, TV room and two new four storey offices. Services included all new domestic water distribution, drainage, ventilation, air conditioning, sprinklers, power, lighting, fire alarm, disabled refuge, intercom, CCTV, access control, lightning protection, data and TV



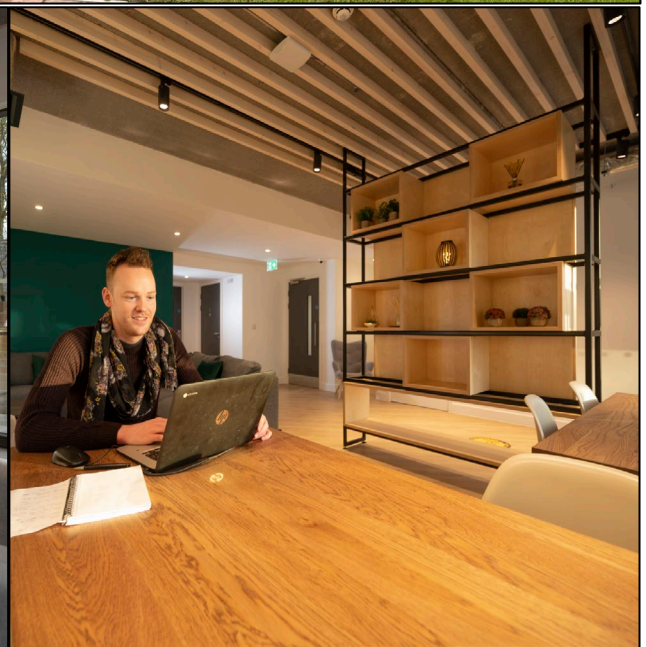
THE EMPORIUM, BIRMINGHAM

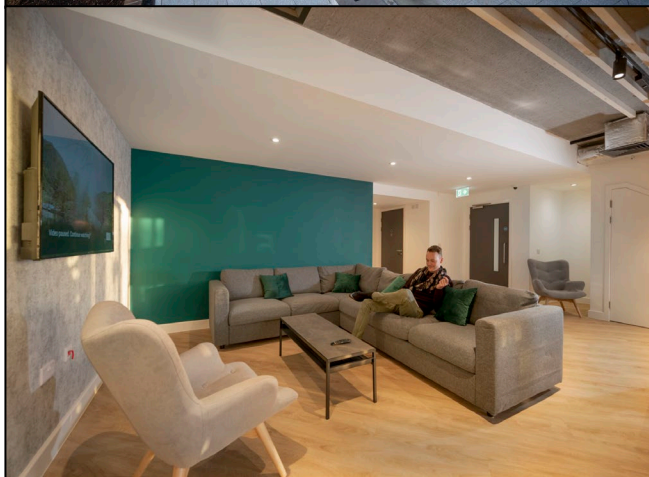
ELMSTEAD PLACE, UNIVERSITY OF COLCHESTER
Project Value: £1,115,066

This project was a new build project situated off of Swan Close, Colchester. This project compromised of 138 en-suite, let bedrooms. Included within 138 bedrooms are 15 self-contained studios which will have their own kitchen's. It provides living accommodation for academic staff and post-graduates primarily in the form of a 3-storey town house, which is a mixture of both 7 bedrooms and 9 bedrooms, along-side a studio block, which is home to the studio flats and also reception and student common room. The development is extremely well located being immediately opposite the University of Essex's Colchester campus with cycle routes and regular buses giving access into the town centre and to campus facilities.

The project comprised of a full mechanical and electrical design and build, which includes water filled radiators to all rooms, controlled via a plantroom situated within the studio block. Room ventilation to all pods, maximising the air flow within bathrooms. Permanent and temporary utilities for gas, water and electrical. Electrical services include, Wi-Fi, fire alarm and lighting to meet LUX level requirements, access control and CCTV. Fire suppression was also designed into all studio rooms to avoid any fires which may occur

ELMSTEAD PLACE, UNIVERSITY OF COLCHESTER



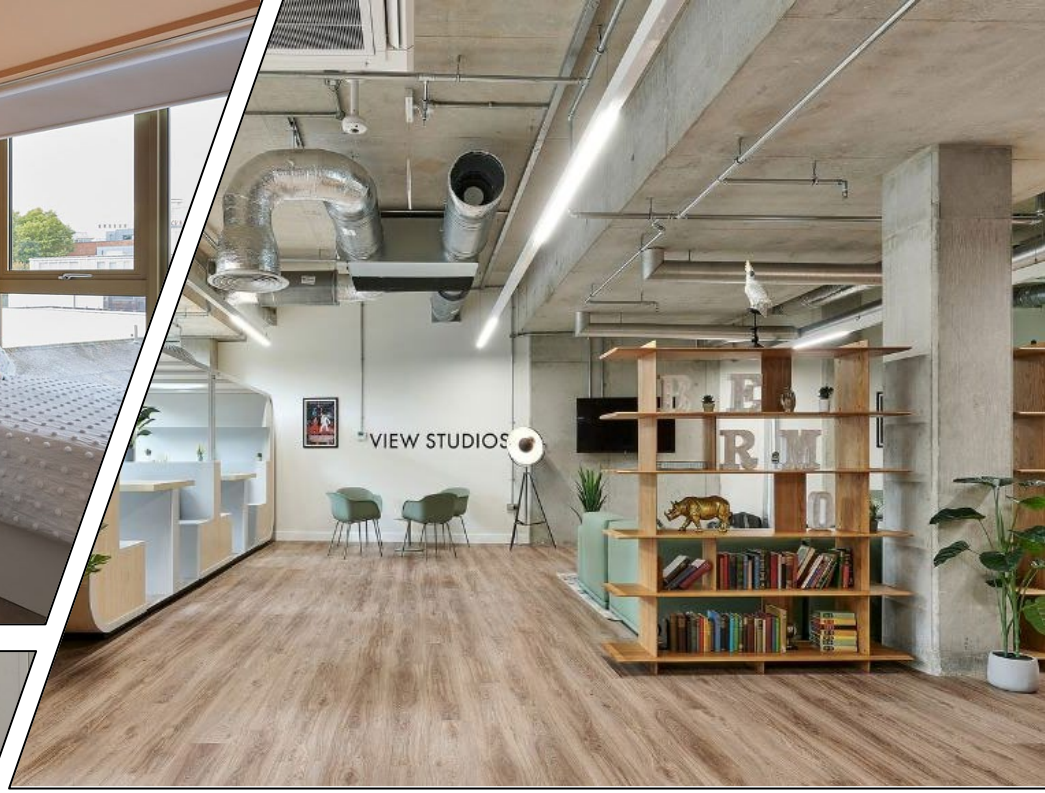


UNIVERSITY OF CREATIVE ARTS, FARNHAM
Project Value: £4,237,872

University for Creative Arts, located in Farnham, Hampshire, student residence made up of 252 rooms with 5 blocks, over 3 and 4 floors. Each floor compromises of two clusters, which benefit from a local cluster kitchen assigned to a specific cluster of 8 rooms, giving the comfort and home feeling when Students are living away from home. Electrical services include full access control, CCTV, fire alarm installation, external and internal lighting to achieve LUX level requirements and the provision for a future photovoltaic system on the roof. A full lightning protection system was designed and installed. Mechanical services include a fully functional plantroom which is located in the heart of the project and incorporates full Trend based control system, ventilation to all rooms and kitchens via a localised MVHR unit located within the local kitchen. Water filled radiators throughout the project, via LTHW and domestic water services. Dry risers have been installed. A Class 2 sprinkler system is installed to maintain the safety and well-being of the residents at UCA Farnham

SPA ROAD, BERMONDSEY
Project Value: £2,353,000

Student accommodation consisting of 179 studios, communal space with gym, laundry and a communal meeting space. This mechanical and electrical project is over 5 floors which consists of emergency lighting, lighting, small power, fire and security systems, mechanical air sources heat pumps providing hot water generation, air conditioning to the communal space with local ventilation solution for the studios. We have photovoltaic panels installed to the roof providing electrical energy to the landlord systems. The project has CAT 3 sprinkler system and smoke ventilation solutions



SPA ROAD, BERMONDSEY

CITY GATEWAY, UNIVERSITY OF SOUTHAMPTON
Project Value: £355,000

The construction of new student accommodation, commercial retail space and local NHS PCT Trust Clinic. We were engaged by the principal contractor to undertake the completion of this project upon the request of Southampton University who are the ultimate client. This was due to the incumbent mechanical and electrical services contractor not meeting the contractual and technical requirements of the project and they subsequently went into administration

SHERFIELD SCHOOL, READING
Project Value: £673,607

A new three storey building providing accommodation bedrooms for resident students, the building includes staff management living quarters and two common rooms which are all located within the school grounds. The project consisted of full design installation, testing and commissioning of all mechanical and electrical, public health and security services and all other matters pertinent to the provision of complete, efficient and safe installations

KEY WORKER RESIDENCES, PLYMOUTH UNIVERSITY, TRURO, CORNWALL

Project Value: £1,904,629

Construction of a bespoke medical student residential accommodation in Truro for Plymouth University on the Royal Cornwall Hospital campus. This construction consisted of seven accommodation blocks, four storey units, arranged as a series of self contained four- and five-bedroom flats with each floor containing two apartment clusters. The design of the development was driven by the desire to avoid an institutional feel or appearance; therefore, the blocks have been arranged informally around a central landscaped area. The 232 bedrooms will benefit from modern facilities while retaining a 'domestic' feel in keeping with the surroundings. The works consisted of full mechanical and electrical systems, including heating, extract systems, gas installation, domestic water systems, sanitaryware installation, solar heating systems and a fully networked building management system. Lighting installations were installed with a mixture of LED lighting and traditional high frequency compact fluorescent lighting designed for efficiency and maintainability, external lighting, LV distribution, small power, CCTV, fire detection, smoke ventilation, voice and data, energy monitoring metering and door intercom systems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