



Jefferson Sheard Architects | **Healthcare**



Our skills // Our people // Our experience



Our aim is to create enduring architecture which enhances the built and natural environment.

For **over 65 years** we have been honing our expertise in architecture for healthcare, commercial, industrial, workplace, education, transport, retail, master-planning and residential sectors.

We are a healthcare **award winning RIBA chartered practice**, with teams in our **four UK studios** working **nationally**, exploring and understanding project needs before bringing crafted thinking and clever creativity to bear on schemes of all sizes, including **new builds** and **refurbishments** through all RIBA stages. Our work balances form and function; technically excellent and design conscious in equal measure.

It's not only our experience and skills our clients talk about, but our commitment to building successful relationships - we're proud of the trust and confidence our people inspire. Through everything that 65 years in practice has given us, those relationships and the solid, innovative architecture they've produced endure, feeding our love of what we do.

We are passionate about working collaboratively with clients to help them realise their vision of well designed buildings focused on providing tailored solutions to individual needs and delivering **best value** without compromising on quality.

Jefferson Sheard Architects are a supply partner on the NHS SBS framework - Lot 1 Architectural Services and Lot 7 Multidisciplinary Services.

NHS
Shared Business Services
FRAMEWORK AGREEMENT SUPPLIER

RIBA 
Chartered Practice



Est.
1957

50+
Staff

84%
of work from repeat business

£5.6m
Turnover

4

UK Studios;
London,
Sheffield,
Manchester &
Peterborough



We place people at the core of our healthcare designs, creating buildings which enrich their lives on a daily basis, realising the needs of the cared for and the care provider.



How we add value

We have extensive experience of working with several NHS trusts and ICBs, delivering both new build and refurbishment schemes through all RIBA stages. We are well versed with the NHS Health Building Notes (HBN's) and Health Technical Memorandum's (HTM's), We have a full subscription to the 'Activity Database – ADB', a computerised package produced by the Department of Health and Social Care (DHSC) to assist healthcare planners, architects, and teams involved in the briefing, design and equipping of healthcare environments. The content is developed from the previously noted technical guidance documents, resulting in us always possessing the latest set of approved NHS standards for best practice.

We are adept at implementing Design Quality Indicator for Health (DQIfH). These evaluation tools, specifically developed for healthcare projects are designed to follow the NHS business case process through all delivery stages. This approach ensures the highest industry standards are achieved specific to healthcare schemes.

We are also a member of Architects for Health (AfH), a forum for sharing best practice, knowledge, innovation and thought leadership in architecture in the healthcare sector.

Our Healthcare experience includes:

- Outpatients (creating multi-function consult and treatment rooms for different clinics whilst maintaining space utilisation)
- Endoscopy
- Diagnostics – pre-assessment eg. Electrocardiography / Echocardiography / Mammography
- Imaging Suites - X-Ray / CT / MRI / Ultrasound
- GP and Primary Care
- Community Care
- Residential Care
- Acute & Inpatient Services
- Treatment – Theatres & Procedure Rooms (Linear Accelerator 'LINAC', intraoperative units, gynaecology and dermatology)
- Mental Health Therapy & Social Care
- Support Services – administrative, staff areas and facilities management
- Paediatrics & Child Development
- Phlebotomy
- Dentistry
- Ophthalmology & Orthoptics
- Health Education

We are focused on Sustainability & Carbon Net Zero

As an RIBA Chartered Practice, and as part of our commitment to the RIBA 2030 Climate Challenge, we have aligned our approach to sustainable design and delivery to the RIBA sustainable outcomes:

- Net zero operational carbon
- Net zero embodied carbon
- Sustainable water cycle
- Sustainable connectivity and transport
- Sustainable land use and bio-diversity
- Good health and well-being
- Sustainable communities and social value
- Sustainable life cycle cost



We work with our clients to establish the best approach for each individual project in order to maximise the sustainability credentials of a project. This includes helping them achieve the highest BREEAM score possible, Passive House expertise, whole life carbon and cost assessments and advising on sustainable technologies and the latest thinking in MMC / Offsite construction techniques and other sustainable building methods.

Our approach is driven forward by our Sustainability Champions, who are focused on identifying and implementing initiatives within our practice and our project delivery to achieve net-zero and continues improvement in our sustainability offering.

Our recent Hallsville Health Centre scheme (right) has been designed and is being delivered to be Carbon Net Zero.



Leeds Trinity University Health & Life Sciences - Modular build

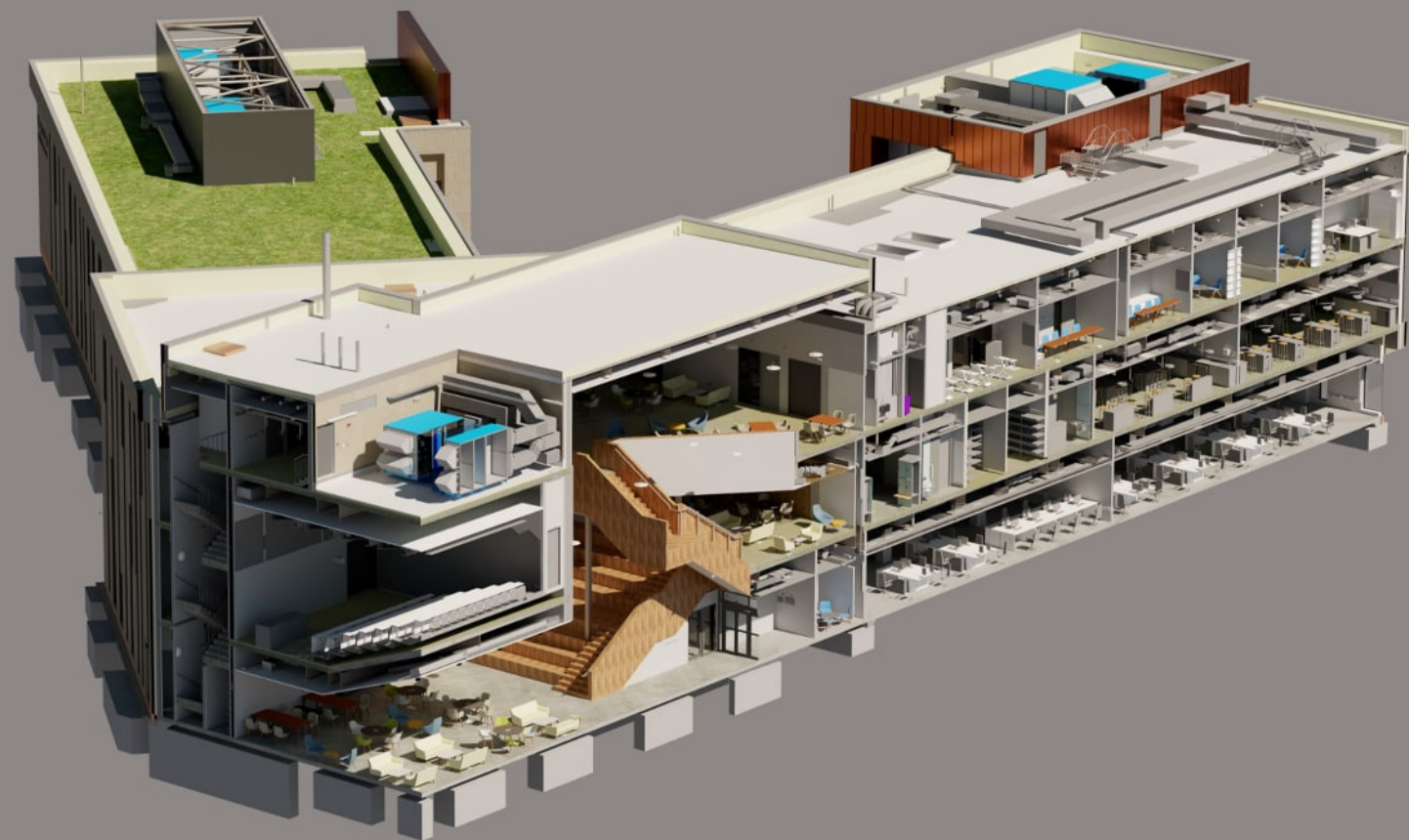
Realising the benefits of Modular & Modern Methods of Construction (MMC)

We help our clients realise the benefits of Modular and Modern Methods of Construction (MMC), from cost and time savings to the environmental benefits which can be brought to a project. We can add value through our experience of working with specialist modular suppliers and the technical delivery of modular schemes of all sizes.

The Crescent, in Plymouth (right) was one of the tallest modular builds in the UK at the time of construction, reaching 14 storeys. We worked closely with the modular manufacturer to ensure the cost, programme and sustainability benefits of this approach were maximised for our client.

Corby Community Diagnostics Centre - Modular build





BIM is changing the way we design and offers an opportunity on each project to realise efficiencies as an integrated process in our workflow.

Embracing Level 2 workflows and specifically the Information Delivery Cycle, Jefferson Sheard Architects, through BIM, can deliver projects that are not only successful through the construction phase but the whole lifecycle of a project. We have learnt early client engagement, using Stage 7 to influence Stage 0, can affect positive end user operation and management. By developing BIM collaboratively with the client we will deliver an incredible data rich end user orientated BIM, meaning that this asset can be utilised throughout the whole lifecycle of a project and its facility management.

As with all things BIM, We have learnt that collaboration is the key to successful delivery.

Virtual Reality (VR) allows us to push the boundaries of visualisations, providing our clients and stakeholders with an immersive and interactive experience to understand a building / space long before it is built. We can communicate not only how a building will look, but also how it will feel – it's a great asset.

This is a key tool for client and stakeholder engagement and a technology which is instrumental in our design review process, allowing the design team to interrogate aspects of the building in a very different way to that of the experience of using traditional drawings and visualisations.

To view our VR models please visit;
www.jeffersonsheardvr.com or follow the QR code.



Our people | Healthcare



We have over 50 Architects, Technologists and support staff working out of our four studios in Sheffield, Manchester, Peterborough and London. This enables us to effectively serve our clients from coast to coast and all the places in-between.

50+ Staff - including...

ARB / RIBA Chartered Architects

Qualified Architectural Technicians & Technologists

Architectural Assistants

BIM Manager

Principal Designers under CDM

Principal Designers under Building Regulations

Heritage Specialist

Certified Passive House Designer

+ Support staff



Phillip Pollington
Board Director | Architect

phillip.pollington@jeffersonsheard.com

Phillip is a seasoned Practice Director and Architect with an extensive track record spanning more than 25 years in project and framework management and delivery. His expertise covers a diverse range of projects, including care homes and healthcare facilities, all of which have been successfully navigated through various RIBA stages – from conceptualisation to completion. His project portfolio encompasses refurbishments, fit-outs, and new builds.



Mike Hall
Board Director | Architect

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With over 20 years' experience Mike has delivered Healthcare projects for a number of Trusts and understands the elements needed to design patient focused facilities.

Mike has delivered Healthcare schemes through all RIBA stages, encompassing both refurbishments and new builds. His recent experience includes the award winning Brainkind Neurological Centre in York.



Joe Dickeson
Board Director | Architect

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Joe is a Board Director, heading up our London Studio. He has experience of delivering healthcare and care home projects, predominance across the south.

He is skilled in designing and delivering community focussed healthcare facilities whilst maximising efficiencies for healthcare providers and focussing on patient experience.



David Legg
Regional Director

david.legg@jeffersonsheard.com

David is a Regional Director and experienced project lead. He has extensive Care Home and Healthcare experience. He has led the team on the Newpark Care Home and two new care homes for Care Build and operator Avery

His specialisms include providing schemes for those with specific dementia requirements and vulnerable adults. He has excellent and proven project leadership skills and a focus on delivering client KPIs.

Experience | Healthcare





BRAINKIND NEUROLOGICAL CENTRE, YORK

Client:
**HBD and Brainkind
(Formerly The
Disabilities Trust)**

Value:
£24m

Location:
York

Jefferson Sheard Architects were commissioned by HBD and Brainkind (Formerly The Disabilities Trust) to develop the design for a new Neurological Centre / Acquired Brain Injury (ABI) Hospital for the treatment and rehabilitation of patients requiring specialist brain injury and mental health care.

The development enables the relocation of York House, providing a new state of the art facility on the former Terry's Chocolate Works site. The new facility meets the complex operational needs of The Trust and maintains its 20-year presence in York, retaining 40 patient beds and 145 healthcare jobs in the city.

The building has achieved BREEAM Excellent - with an additional 28% reduction in carbon emissions over Part L.

It is also the first Hospital in the UK to integrate the Amazon Alexa's services for voice control of curtains, lights, heating and cooling, integration with care plan, calling relatives and controlling in room devices.







CHILD DEVELOPMENT CENTRE, CRAWLEY HOSPITAL

Client:
West Sussex
Community
Solutions for NHS
Property Services

Value:
£3.1m

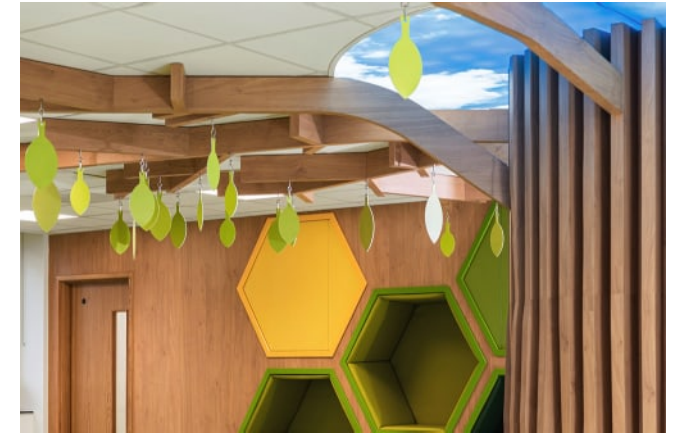
Location:
Crawley

The aim of the scheme is to relocate the Crawley Child Development Centre (CDC) from its current overcrowded accommodation on the 1st and 2nd floors in the Green Wing of Crawley Hospital to a new suitably designed area on the 3rd floor of Red Wing. The previous accommodation did not meet current design, operational or national health standards or requirements.

The CDC is a busy centre where children and young people can be seen by community paediatricians, physiotherapy, occupational therapy and speech and language therapy for multi-disciplinary assessment or single disciplinary assessment. The specialist Children's Audiology team are based within Green Wing, however, are not within the main CDC.

The proposed scheme is to bring the many healthcare disciplines, staff and administration spaces into one area to create a unified Child Development Centre. The entire project is BIM level 2 compliant.







URGENT
TREATMENT
CENTRE

Client:
Sandwell &
Birmingham
Hospital NHS Trust

Value:
£8m

Location:
Smethwick

Jefferson Sheard Architects have been commissioned to deliver the £8m modular newbuild for Sandwell and West Birmingham Hospital NHS Trust delivered by Western Building Systems. Part of the £988m Midland Metropolitan University Hospital scheme, providing capacity to accommodate up to 350 patients and 40 staff.





CORBY NHS COMMUNITY DIAGNOSTICS CENTRE

Client:
**Kettering General
Hospital NHS Trust**

Value:
£5m

Location:
Corby

Jefferson Sheard Architects were commissioned to deliver the modular newbuild for Kettering General Hospital NHS Foundation Trust, delivered by Western Building Systems. The £5m scheme forms a key element of the Willowbrook Health Complex, providing MRI, CT, X-ray, echocardiogram and blood testing diagnosis and treatment.





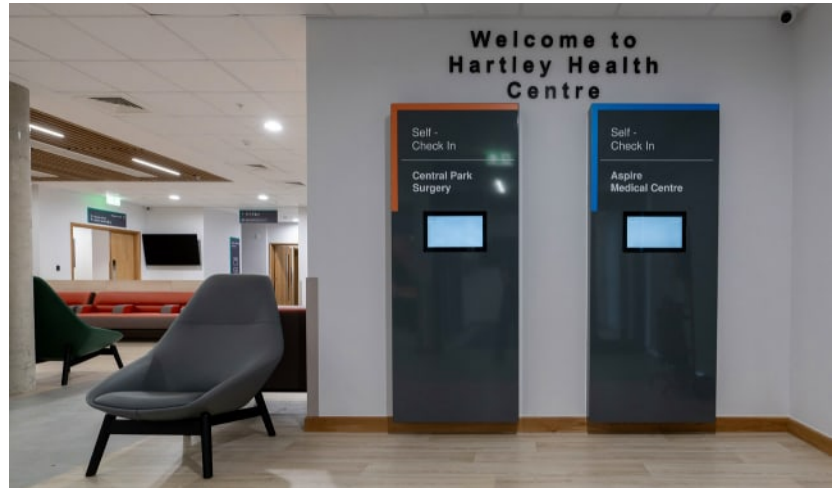
HARTLEY
HEALTH CENTRE

Client:
Health & Care Space
Newham (HSCN)
and NHS North
East London Clinical
Commissioning
Group

Value:
£3.3m (fit-out)

Location:
East Ham, London

The provision of the Health Centre presents an opportunity to create an engaging, ‘modern’ healthcare environment. The new health centre is based on the ground and first floor of a development for retired living being constructed by Populo Living. The aim of the scheme is to relocate two existing GP Practices into a new, purpose-built health centre within the wider Hartley Avenue development. The current GP Surgery accommodation does not meet current design, operational or national health standards or requirements. This project aims to address these issues whilst bringing together spacial and operational efficiencies in sharing spaces between the two practices.





HALLSVILLE HEALTH CENTRE

Client:
Health & Care Space
Newham (HSCN) and NHS
North East London Clinical
Commissioning Group

Value:
£5.5m

Location:
Canning Town, London

Specialism:
Acute / Inpatient /

We are currently delivering this community focused scheme which brings together a mix of GP surgeries, facilities for minor operations, mental health therapy rooms, community spaces and associated staff accommodation - meeting the medical care needs of circa 30,000 residents. The Health Centre forms part of a larger complex, including retail and residential.





WARD REFURBISHMENT CRAWLEY HOSPITAL

Client:
GB Partnerships
for NHS Property
Services

Value:
£3m

Location:
Crawley

Specialism:
Acute / Inpatient /
Dementia Care

Our design seeks to create a modern, high-quality and less 'institutional' environment for the inpatient wards within the constraints of the existing building. The ward layouts have been reconfigured to suit healthcare delivery of today with the spaces being 'dementia friendly' with improved signage and layout, alongside improved visibility, access and security. Clinical staff at the hospital have played an integral part in the design and development of the new ward layouts.

New automatic glazed doors with integral blinds lead into bedded bays providing Clinical teams with a full view of each space and privacy when needed. The nature of the doors provide touch-free access helping with infection control.





BEDFORDSHIRE HOSPITALS NHS FOUNDATION TRUST IMAGING UPGRADE PROGRAMME

Client:
Bedfordshire
Hospitals NHS
Foundation Trust

Value:
Various (£150k -
£600k)

Location:
Bedford

Jefferson Sheard are providing Architectural and Principal Designer services to Bedfordshire Hospitals NHS Foundation Trust as part of their imaging equipment replacement programme, including CT Scanners, X-Ray's and Fluoroscopy. Works include upgrading the existing rooms to achieve HBN and HTM compliance, in a phased manner whilst having minimal impact to the busy imaging and emergency departments.



ENDOSCOPY
UNIT, HAW BANK
HOUSE

Client:
Actiform

Value:
Tender (estimated
build costs £650k)

Location:
Cheadle

Jefferson Sheard Architects developed an initial design and layout for tendering the remodelling of an existing unit in a shared office block. It was not a typical Endoscopy unit layout, we were asked to squeeze a lot of uses into a small constrained space for a private facility.

Scope of Works include the remodelling Haw Bank House to create a new self-contained fully functioning JAG accredited endoscopy unit. The department will include one endoscopy procedure room and dedicated facilities including admission, recovery, and discharge. The various rooms and facilities will be HBN and HTM compliant with certain derogations.





THEATRES REFURBISHMENT CRAWLEY HOSPITAL

Client:
GB Partnerships
for NHS Property
Services

Value:
£2.6m

Location:
Crawley

Specialism:
Operating Theatre

We were appointed to deliver the £2.6m refurbishment of the Red Wing Operating Theatres 1,2,3 and 4 at Crawley Hospital.

The scheme included feasibility option development for a phased approach in a live hospital site. The works provided a fully HTM Compliant ventilation system with limited derogations and minor MEP to plant room.

We provided full architectural services, including Principal Designer, through all RIBA stages from feasibility, concept through to completion as part of a multidiscipline team.



ACRE MILL OUTPATIENTS REFURBISHMENT

Client:
Pennine Property
Partnership

Value:
£14m

Location:
Huddersfield





We relished the challenge to convert a Grade II listed former wire mill into a first class outpatient facility with:

- Paediatric Department
- X-Ray & Diagnostics
- Dermatology
- Minor Operations & Gynaecology
- Ophthalmology & Orthoptics
- Bookable Clinic Rooms (for Outpatient services)
- Agile Working Environment
- Finance & Administration Offices

The internal space available was significantly less than those within the existing Infirmary, as such we worked with the Trust to design new ways of working to ensure that the building could adapt to the services required. Clinic rooms were designed in such a way that multiple services could use them, reducing the number of cellular rooms and ensuring that space utilisation was as high as possible. Agile working space ensures that non-clinical activities can take place whilst clinical rooms are used for other services.



“There is a clear and tangible sense that the building provides a caring and familiar environment that is supportive to members of the community when they need it most. The real testament to the success of this project is its members of the community likening Acre Mills to their own private hospital.”

Neil Redfern, English Heritage



HARROGATE DISTRICT HOSPITAL ENTRANCE REFURBISHMENT

Client:
Harrogate
Integrated Facilities
Ltd. / Harrogate and
District NHS Trust

Value:
TBC

Location:
Harrogate



We were tasked by Harrogate Integrated Facilities Ltd. to review the design and layout of the existing main entrance and external approach to Harrogate District Hospital.

Our design solution transforms the external entrance, clad in bold brass coloured panels, creating a statement entrance. Internally, the proposed new layout provides clear circulation routes, increases natural light, and enhances staff and visitor experience by focussing on usability of the space.



NEWTON AYCLIFFE CULTURAL, HEALTH & WELLBEING HUB

Client:
Durham City Council

Value:
Confidential

Location:
Newton Aycliffe,
County Durham

We developed the stage 2 design and assisted with the levelling -up funding application for a new Cultural, Health and Wellbeing HUB in Newton Aycliffe. The proposed design includes an extension and refurbishment of the existing leisure centre to create a flexible, mixed-use space. Accommodation includes healthcare spaces for GPs and mental health delivery partners, a central library, wellbeing gym and cafe, all leading from a central reception space.





ESTATES COMPLIANCE & UPGRADES AT CRAWLEY & HORSHAM HOSPITALS

Client:
West Sussex
Community
Solutions for NHS
Property Services

Value:
£3m

Location:
Crawley / Horsham

Jefferson Sheard Architects in partnership with M&E consultant, were appointed to review the existing building services and building fabric for Yellow Wing at Crawley Hospital, with the aim of bringing these elements in line with current building standards in addition to the relevant Health Building Notes (HBNs) and Health Technical Memoranda (HTMs)

This is a complex project that affects all areas within Yellow Wing, in order to keep services running smoothly with as little disruption to patients we undertook a thorough review of how the surveys and subsequent works could be phased, minimising the amount of 'decant' and ward relocations.



MIXED-USE PRIMARY CARE SCHEME. BRAINTREE

Client:
NHS England /
Braintree Council

Value:
£ tbc

Location:
Braintree, Essex

Specialism:
Day Surgery

Jefferson Sheard Architects were commissioned to design a mixed-use community Primary Care scheme as part of a wider town redevelopment. Our services included site analysis and optioneering to maximise the usage of the 2.7-acre site. Key considerations included close proximity to a conservation area and historic buildings.

The scheme design included restaurants, shops and attractive landscaping / public realm enhancement at ground level with a Primary Care facility at first floor.



JOINT SERVICE CENTRE

Client:
Leeds Local
Improvement
Finance Trust

Value:
£11m

Location:
Kirkstall, Leeds

The aim of the design was to create a Joint Service Centre housing a range of council, health and community services all in one building. Providing local residents, the opportunity to be able to obtain healthcare services, useful information and advice all in one convenient location and comfortable surroundings. These included three GP practices surgeries, a children and family centre with child and adolescent mental health and flexible accommodation to provide for future growth. Further uses included Children's integrated Clinic, Child Development team, speech and language clinics, occupational therapy and physiotherapy.

The design encompassed a large sedom roof and outdoor terrace whilst in a modern style befitting the local urban building vernacular.



SHERINGHAM CARE HOME

Client:
Care Build / Avery
Health Care

Value:
£7m

Location:
Sheringham, Norfolk

Specialism:
Care Home

Jefferson Sheard Architects have been appointed Lead Designer, providing full architectural services including design development, planning and technical delivery, on the new-build Care Home for client Care Build and operator Avery. The scheme is currently on-site, scheduled for completion early 2024.

The Care Home encompasses circa 72 beds with en-suite facilities, specialist dementia care, staff accommodation, large cafe, hairdressers, cinema and pub.

The design takes into account the proposed adjacent housing development and local building vernacular.





THE ATRIUM EXTRA CARE DEVELOPMENT, PRESTON

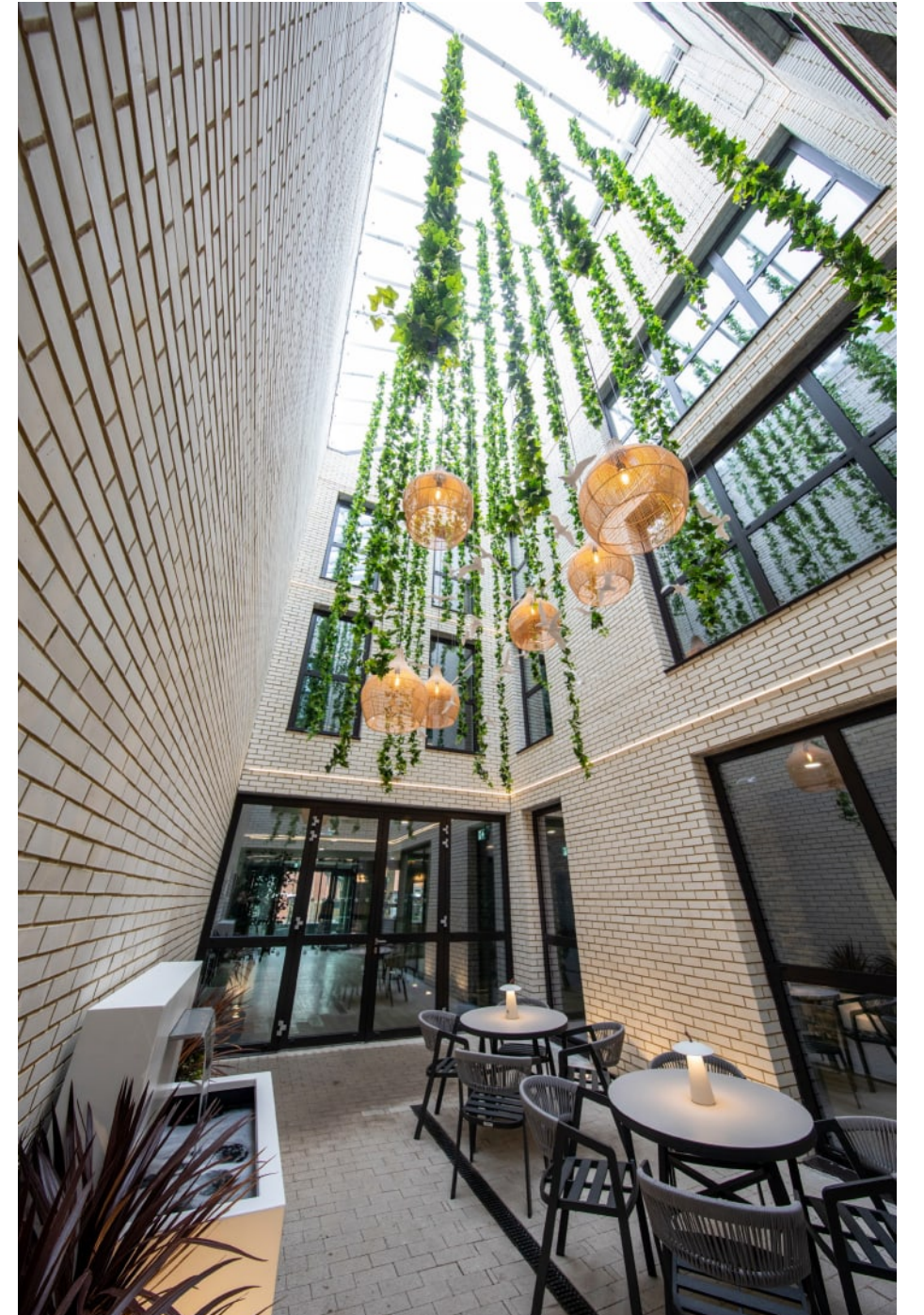
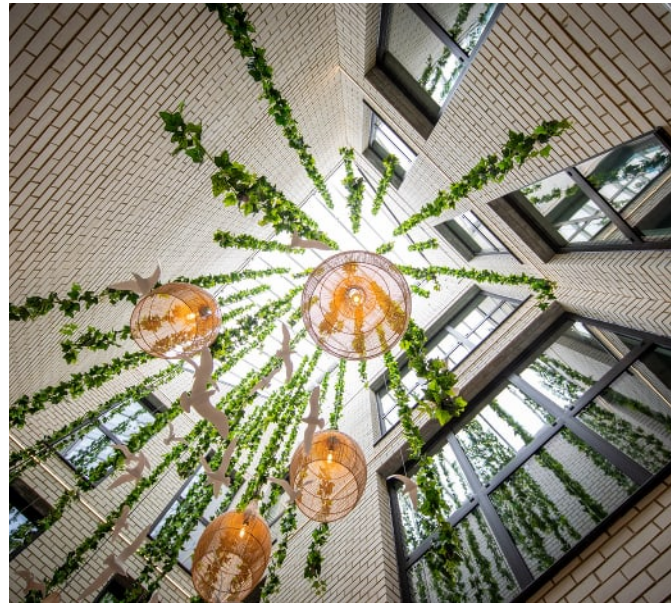
Client:
Community Gateway

Value:
Undisclosed

Location:
Preston

Jefferson Sheard Architects were appointed to deliver the interior design for all communal spaces within the new-build development. Apartment finishes follow the Community Gateway Design Guide.

The scope included the main entrance, atrium, bistro, activity rooms, lounges and circulation spaces. A key design aspect is the central light filled atrium, from which the development takes its name.





HUNSTANTON CARE HOME & APARTMENTS

Client:
Care Build / Acacia
Care

Value:
£7m

Location:
Hunstanton, Norfolk

Specialism:
Care Home /
Residential

We progressed the design for this development consisting of a 70 bed Care Home and an 8-apartment residential block. We successfully secured Planning Permission for both aspects of the scheme under separate planning applications and delivered the project through construction stage to completion.



HARPER & KEELE VETERINARY SCHOOL & HOSPITAL

Client:
Harper & Keele
University

Value:
£14m

Location:
Keele, Newcastle
Under-Lyme

Jefferson Sheard Architects worked with clients Harper and Keele University and developer Noviniti Limited - to design a new School of Veterinary teaching facility on the Keele campus.

The design consists of a veterinary hospital, a clinical skills centre and Veterinary School hub facilities, all combined in one building, formed around a central courtyard space. The exterior copper cladding and generous glazed entrance atrium create a modern flexible space which offers an impressive gateway to the new facility.

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