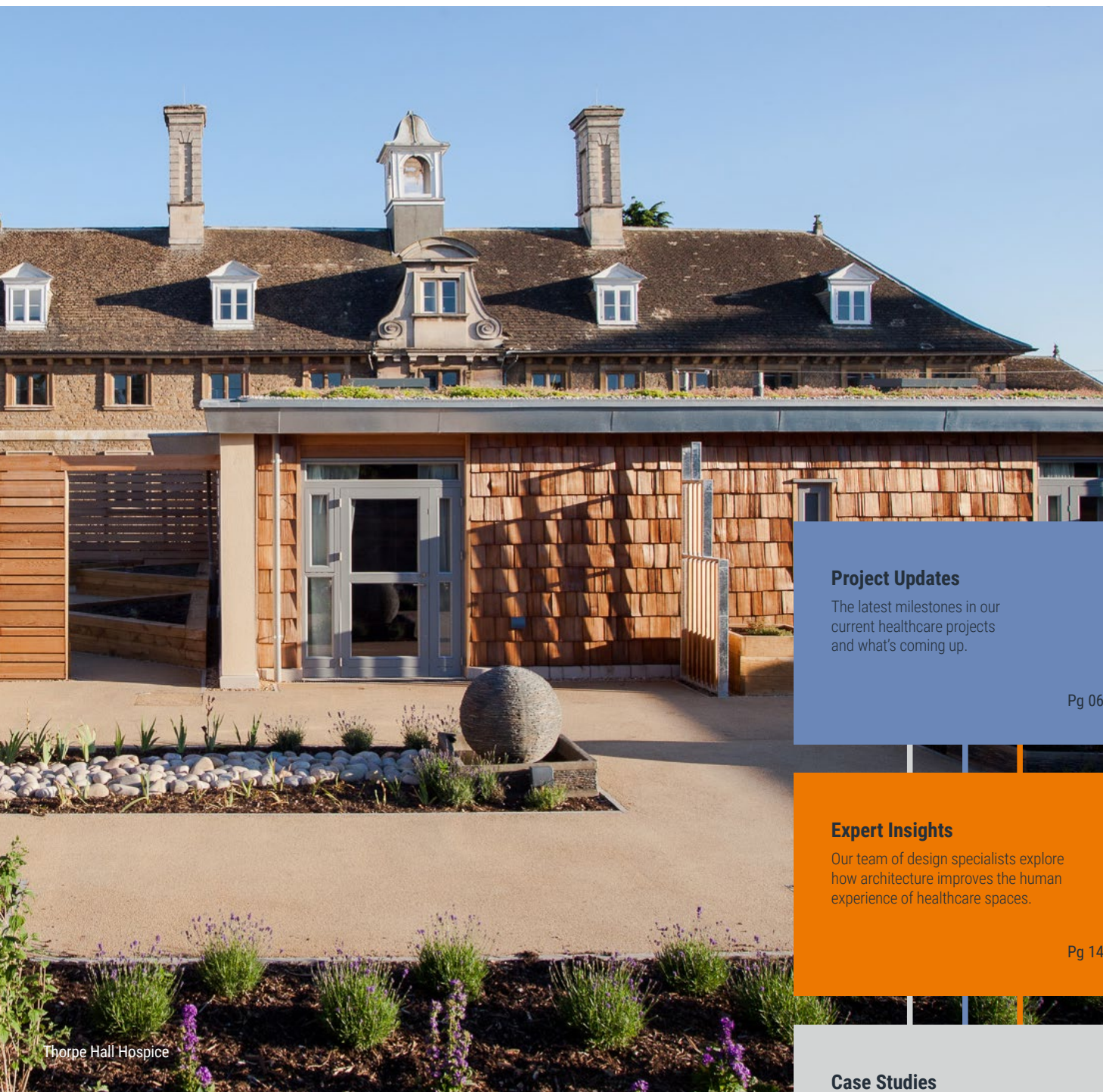




JDDK.co.uk



# Healthcare.



Thorpe Hall Hospice

## Project Updates

The latest milestones in our current healthcare projects and what's coming up.

Pg 06

## Expert Insights

Our team of design specialists explore how architecture improves the human experience of healthcare spaces.

Pg 14

## Case Studies

Award-winning hospices and care centres designed by the JDDK team over the past 30 years.

Pg 22

DISCOVER  
DESIGN  
DELIVER

# Over 40 Years Of Healthcare Design Innovation

From our earliest years as a practice, we have specialised in hospice and supported living projects, designing for some of the UK's leading healthcare providers. We believe that the patients, families and staff of healthcare settings should be able to find a peaceful haven in these spaces, supporting their journey and giving them the best care experience possible.

Since our first award-winning design for St Oswald's Hospice in early 80's, our practice has completed the design and construction of over 40 hospice projects and JDDK has become highly respected within the palliative care sector.

Over the years the quality of our work has been reflected in over 100 architectural awards, including the RIBA Building of the Year Award (now the Stirling Prize) for St Oswald's Hospice. We achieve this excellence in design by retaining an approach that has been highly successful in delivering design proposals which are imaginative, efficient, affordable and above all work well.

Throughout the years our practice philosophy has remained constant: we believe that good architectural solutions can only emerge through a thorough understanding of our clients' and building users' needs and aspirations as well as the context in which the building is to sit. Across new developments to renovation projects, we work collaboratively with our clients to achieve exceptional results and create spaces that will be functional and comforting for years to come.

If you are looking for an architectural practice to partner with for your next construction project, we would be delighted to speak with your team to see how we can achieve the results you need.

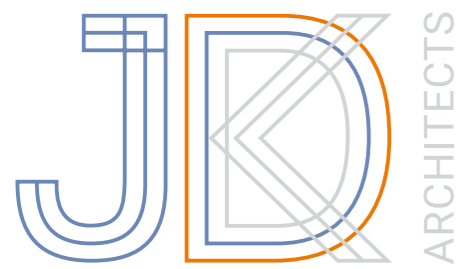


**Mura Mullan,**  
Director at JDDK Architects

## Contents

- 04** JDDK Healthcare History  
Explore over 40 years of our work in the healthcare sector.
- 06** Project Updates  
The latest milestones in our current healthcare projects and what's coming up.
- 10** The Discovery  
Unpacking how we're designing the hospices of the future.
- 14** The Design  
Exploring how partnerships enhance our approach to extra-care design.
- 18** The Delivery  
Explore the legacy of JDDK and St Oswald's Hospice design and care partnership.
- 22** Case Studies  
Award-winning hospices and care facilities designed by the JDDK team over the past 30 years.





# Healthcare history

At JDDK Architects, we have specialised in hospice and supported living design for over 40 years. Over this time, we have been lucky to work with dozens of providers across the UK and Ireland to create healthcare spaces that improve the lives of the people who live, work and visit them.

## Hospices

- St Oswald's Hospice, Newcastle, 1987-present
- St Gemma's Hospice, Leeds, 1998
- Marie Curie, Newcastle, 1995
- Sunderland Royal Hospital, Sunderland, 2002
- Marie Curie, Glasgow, 2009
- Highland Hospice, Inverness, 2011
- Marymount Hospice, Cork, 2011
- Marie Curie Hospice, Solihull, 2012
- St Columba's Hospice, Edinburgh, 2014
- Thorpe Hall, Peterborough, 2015
- Martin House Children's Hospice, Wetherby, ongoing



Old School Washington

## Supported living

- Holborn House, South Shields, 2011
- Jubilee Court, Fawdon, 2011
- Newlyn Road, Newcastle, 2016
- The Elms, Chester-Le-Street, 2016
- Welbeck Close, Byker, 2018
- Whitburn Towers, South Tyneside, 2020
- Sue Ryder Neurological Care Centre, Preston, 2020
- Athol House, Ponteland, 2021
- Bentick Terrace, Elswick, 2021
- Magdalene Court, Newcastle, 2023
- Old School Washington, Sunderland, 2024

## Our Clients

CHANGING LIVES



karbon homes



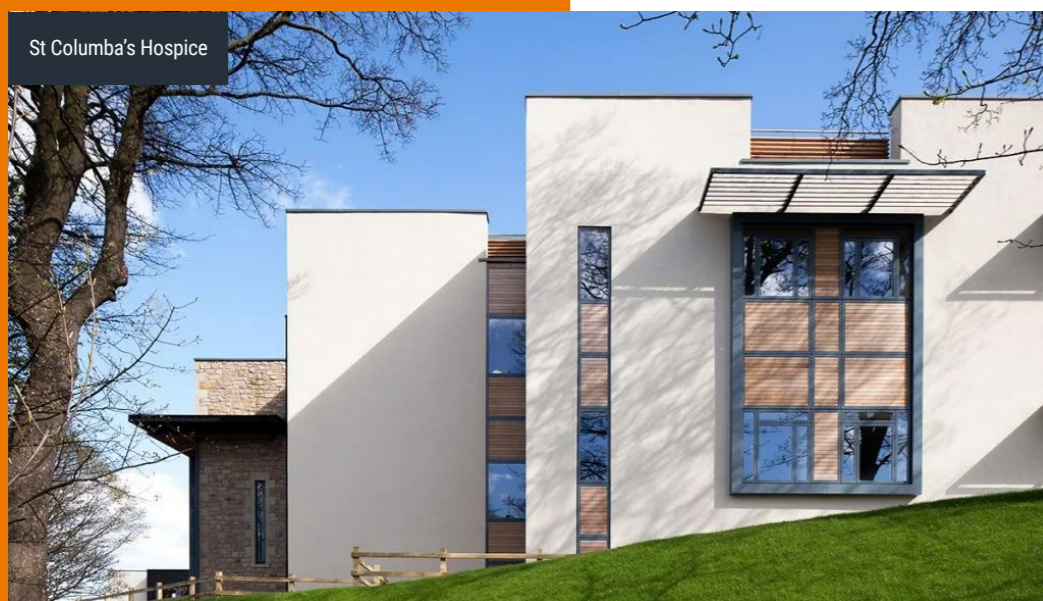
Martin House Children's Hospice



Rutherford Cancer Centres



## Our Collaborators



St Columba's Hospice

## Planning permission secured for Yorkshire children's hospice



Revised Planning permission has been secured by our team to extend and refurbish Martin House Children's Hospice located in Boston Spa, Leeds. Following submitting a pre-planning application on behalf of the hospice back in 2019, soft construction works at the site have now begun.

Martin House originally opened in 1987 and was the UK's second hospice for children and young people with life-limiting conditions. The need to enhance the facility to accommodate children's more complex needs led to the Hospice Board interviewing various architects, before awarding the project to JDDK in September 2018.

The construction stage, which is due to be rolled out in three phases over the next three years, will see the creation of a new Wellbeing Centre with specialist treatment facilities, including a hydrotherapy pool, counselling and therapy rooms, alongside improved staff accommodation and new educational facilities. Crucially, the design will allow construction to be phased in line with fundraising activities and ensures the hospice can carry on operating whilst the development is underway.

JDDK Associate Director, Stuart Franklin, explained the scheme, "In essence, the current building is no longer adequate for the Hospice's intended purpose as the requirements of specialist care environments have changed, as options for caring for children have evolved over the last 30 years."

Phase one of the development focuses on the Children's Ward, with additional facilities for families to stay, and is due to be completed around Christmas 2024. Phase two will begin in the new year and will include the Well-Being Wing with a new hydrotherapy pool, a newly built Education Wing, and the refurbishment of the Lodge, which serves as the young adults' facility, alongside associated landscaping. This phase is scheduled for completion by late summer 2025.

“

The hospice had a good idea of what they wanted and were also passionate about preserving elements of the original structure and how the new building could connect into the existing structure. Our job was to prioritise these wishes, to future proof the facility as far as possible whilst providing extra capacity and the privacy and dignity that en-suite bathrooms would create for the children, all within a designated Green Belt area.



**Stuart Franklin,**  
Associate Director at JDDK



### JDDK marks 350th feasibility study with Elekta

Engaged by long-time client Elekta, JDDK has marked its 350th feasibility study with the global supplier and manufacturer of specialist cancer care equipment for Precision Radiation Medicine. The studies propose how a range of specialist diagnostic equipment could sit within existing and new medical facilities.

The milestone showcases a successful and accomplished relationship between Elekta and JDDK, whose construction knowledge and technical expertise has supported the manufacturer to establish a clear framework for proposals and projects.

JDDK has spent years building up a broad technical expertise of Elekta's product lines and their site planning requirements, which is especially comprehensive for an architecture practice and highly specialised to Elekta as a manufacturer.

Andy Rutherford, Associate Director at JDDK has led on the studies for Elekta, which were secured following a series of projects for Rutherford Cancer Centre projects in the UK. Andy explains, "The complex technical nature of these projects means that there is a constant need to refresh our knowledge in order to ensure that we fully understand any technical guidance and constraints."

Having managed Elekta projects in over 100 countries, Andy has passed his knowledge onto Elekta's design team by delivering seminars that have equipped the team to run through the study framework with an in depth understanding of 3D modelling software including CAD and BIM. Andy says, "as a leading medical equipment supplier Elekta have a highly skilled internal and external design team, and Elekta's investment in its design teams over the years has ensured the highest standards of project design and delivery."

This collaboration between JDDK and Elekta offers a seamless and efficient process that enables Elekta to maintain its role as a leading manufacturer and supplier of radiation therapy equipment to medical facilities.

“

Elekta's investment in its design teams over the years has ensured the highest standards of project design and delivery.

## Karbon's Hebburn Extra Care housing **breaks ground**



Work has begun on site for Hebburn Extra Care, following successful application for planning permission on behalf of housing association Karbon Homes and South Tyneside Council.

The supported housing for affordable rent will comprise of 95 apartment units, including 75 one bed homes and 20 two bed homes. The £31 million development is designed with secured internal garden courtyards to benefit residents living with dementia, as well as no dead-end corridors with view-out to help residents with wayfinding.

Working closely with South Tyneside Council, the scheme has been designed to put the community at its heart and help facilitate community cohesion with a ground floor bistro café, which will be open to the general public, and multi-use spaces for activities.

With the café and communal facilities accessed from an entrance plaza, the scheme also features an internal residents' courtyard garden and a separate Dementia courtyard garden, enclosed by the specialist one bedroom apartments. The development will also feature a dedicated SuDS (Sustainable Drainage System) basin which not only manages stormwater but also provides a wetland habitat area for residents to enjoy. All apartments will enjoy a private balcony or courtyard whilst internally the spaces have been designed as wheelchair

friendly with wide corridors and private wheelchair storage areas in each apartment.

The Hebburn scheme is the first of three Karbon Homes projects to provide much needed, specialist Extra Care accommodation across South Tyneside over the next six years and will remodel the expectation of extra care, which is typically aimed at older adults who require support to live independently.

Combined, the schemes will deliver up to 300 new homes, helping address the lack of specialist affordable accommodation options in the borough that help people with differing levels of care and support needs to live well and independently. Zoey Hawthorne, Assistant Director of Development Delivery at Karbon Homes, said: "We're excited to be working with South Tyneside Council to develop three, first-class extra care schemes. These quality homes will play an important role in meeting the demand for specialist housing in the area. Our vision for these schemes is to create strong and sustainable places that help empower people with additional care and support needs to live life to the full and bring the local community together."

“

Hebburn Extra Care is set to be a flagship project for South Tyneside Council with two further developments to follow in the coming years using the same principles and approach as this project, creating much needed supported living accommodation for residents with a care needs.



**Mura Mullan,**  
Director at JDDK



# Fostering community through collaboration

 **Mura Mullan,**  
Director at JDDK Architects

 **By Gavin Wu,**  
Architect at JDDK Architects

Countries across the globe are grappling with a challenge that universally impacts all members of society – how to adapt to caring for an ageing population.

Thanks to advancements in healthcare, we are lucky to be seeing life expectancies rise to an all-time high, which means our current systems and facilities for supporting the elderly are in urgent need of adaptation to ensure that everyone can enjoy the senior years of their lives.

Feeling the pressures of change more than most sectors is healthcare and the housing providers of extra-care facilities, as the ageing population places increasing demand on their services. Extra-care facilities are a beacon of light for people who have outgrown their private homes and require special support for their care needs, finding new homes in residences alongside peers with similar needs. These spaces are often cherished by residents who have found community in their specially designed environment, but building enough of these facilities is a challenge for housing developers across the UK.



The Elms, Chester-le-Street

At JDDK we have worked on supported residential projects for decades and have seen the approach to designing these change over time. Here we explore how our collaborative approach to delivering extra-care housing developments means that we can work closely with housing providers and other partners to ensure the design of extra-care accommodation helps residents live life to the fullest.

## Creating space for communities

With Karbon Homes and South Tyneside Council, we are currently working alongside the Dementia Services Development Centre (DSDC) at Stirling University – an international centre for knowledge exchange and research impact dedicated to improving the lives of people with dementia and making communities dementia friendly. A common challenge for people moving to extra-care facilities is maintaining their sense of independence whilst also integrating with a new community, and we use our collective specialist insights to design accommodation that puts community fostering at the heart of its priorities.

“  
We use our collective specialist insights to design accommodation that puts community fostering at the heart of its priorities.”



Residents participate in gardening

### The Elms, Chester-le-Street

One of our flagship extra-care projects that has been in use for almost ten years and has demonstrated the success of our focus on fostering communities through design is The Elms. The Elms is a specialist housing development for the over 55's in Chester-le-Street which has been widely praised as an example of best practice in its field. Although The Elms was built prior to our current collaboration with DSDC, we designed the space to follow the principles developed by its team.

The scheme originally designed for Cestria Housing, and now managed by Karbon Homes, consists of 52 apartments and six bungalows, for rent, sale and shared ownership, all designed specifically for people aged 55 and over who require support with their care or housing. We delivered the project with user enjoyment in mind, aiming to make the highly popular living spaces a joy for residents.

With a sense of independence created through the living spaces, the shared spaces in the accommodation were designed to create a sense of community amongst the residents and local area. A range of social spaces are integrated into the design, including gardens that feature raised planting beds so residents can garden together, a cafe, a hair salon and activity rooms for use by the residents and local community groups who use the space to host meetings and workshops.

The shared spaces facilitate dynamic community relationships, and the result is a lively home where the public is able to integrate with residents to give a sense of community.



 Watch Mura and Gavin visit The Elms to see how residents are enjoying the space

[Watch now](#)

### Balancing independence and community

Today, our collaborative approach with DSDC is being put into practice, and we are currently developing extra-care projects with South Tyneside Council and Karbon Homes, including a development in Hebburn, where work on site is due to start shortly, and one near Benton Road in South Shields, which is currently in the early planning stages. These proposals are set to add up to 300 new homes, helping address the lack of specialist affordable accommodation options in the borough, and helping people with differing levels of care and support needs to live well and independently.

These spaces are where residents will likely live for the rest of their lives as they have been specifically designed to respond to their changing support needs. Changing needs can be a huge challenge for providers, and the aim is to avoid the need to change your home to meet your changing care needs, as this can be a huge challenge for residents facing sudden change.

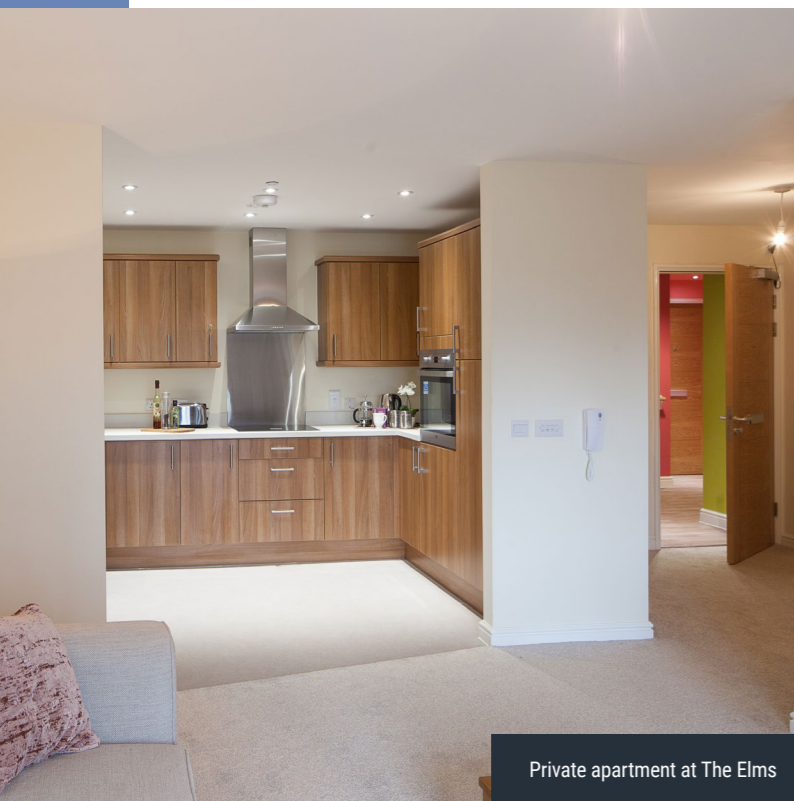
All of the apartments in our extra-care schemes with STC and Karbon are currently designed to meet M4(3) wheelchair adaptable standards. The independent apartments each feature a living space, kitchen, bedroom, bathroom and generous hallway. The units for residents living with dementia will be located on the ground floor, opening onto internal courtyards to allow residents to safely access the outdoors in a way that supports independence. The layout is also designed to have no dead-ends, removing any element of challenge for residents with easy wayfinding.

Both the Hebburn and Benton Road developments will also feature social spaces mirroring those at The Elms, to give residents balanced lifestyles that offer the same independence and social living that they have enjoyed for years before.

All project requirements are different by nature, but The Elms acts as an example of how we are working to enhance the standards for the delivery of extra care accommodation that improves residents' lives, and we apply this thinking to all projects we work on with our social housing clients, to deliver the very best quality of new build and refurbished extra-care accommodations.



Balconies and terraces feature in every apartment at The Elms



Private apartment at The Elms



The Elms, Chester-le-Street

# Hope for the future

Realising the future of hospice design for young people, their families, and their carers.



**By Stuart Franklin,**  
Associate Director

The importance of UK hospice care and its place within our society cannot be underestimated. This area of specialism has long been a core pillar of our practice work, with an approach that has always been simple, but one that differentiates us when realising this vital piece of our communities.

Our design approach in hospice care puts patients, their families and the people caring for them at the heart of the development. This is never more important than in the case of young adults requiring hospice care provision – often referred to as holistic care.

Holistic care is an enormous responsibility, whatever stage in life a patient may be at. Even during the best of times, the transition into young adulthood can be incredibly complex and the impact that the wider environment and physical space can have on this experience for a young person is immeasurable.

When considering the future of hospice design for young people, we know it will need to flex, adapt and change to suit the needs of upcoming generations. Our approach has always been about designing with these young people in mind and bringing that 'holistic approach' full circle – keeping them at the forefront of every decision we make, throughout the entire build process.

## Factoring emotion into design

We are dealing with teenagers and young adults who want not only a say in how their space is used, but privacy, dignity and independence within that space, which translates differently depending on the individual and their specific needs and, in some instances, can present unforeseen challenges.

It is vital that we always consider the bigger picture, in societal terms, of giving young adults hope. One poignant finding from our years of work in this space has been the importance of consulting with users from the very start of a project and throughout its journey. Hospices are user-centric buildings so getting in the minds of the people who will be using and living in them will always help us find the best solution together.



Thorpe Hall Hospice

## Creating the perfect space for young people

The hospices of today need to be truly flexible spaces, leading into and flowing from one another. Exploring ways we can encourage inclusivity and, in some instances, independent living, as seen through JDDK's supportive living schemes. An integrational approach to working with young adults, is also important to our approach and wider considerations.

People understand design more than ever before, particularly this younger age group, so elevated and sophisticated design which is contemporary and understated is essential. Designing a home-from-home environment rather than a typically institutionalised 'hospital' space is a key part of our process and one which has consistently transpired out of our conversations with patients in the early design stages. This can be anything from disguising a hoist sling in a bathroom or hiding other necessary care equipment or settings in a subtle way.

In addition, future proofing buildings, for example with service walls to incorporate current or future services, ensuring patients have access to functionality to allow them to control their own environment with regards to lighting, heating and ventilation, along with outward looking and spacious vistas are just some of the many elements taken into consideration. Indeed, we find outdoor space and layout to be a critical factor in young adult hospice design, as, if approached correctly, it can reap so many positive benefits for patients and their visitors. Ensuring sustainability is also at the heart of everything we do – from the materials used through to the build process, as this is an area we find is close to a lot of young people's hearts, too.



Thorpe Hall Hospice garden

“  
Our approach has always been about designing with these young people in mind and bringing that 'holistic approach' full circle – keeping them at the forefront of every decision we make, throughout the entire build process.



### Giving young people their say

In our experience, young people, whatever their background are used to not having a say in things which directly impact them, so giving them a voice is part of our approach and work culture, it can be hugely positive and empowering for them at this stage in their journey.

From the outset, we always make sure to get a thorough 'brief' from the patient, alongside hospice staff and their families – everyone gets involved.

A big part of our role is to tease answers out of users, encouraging them to think outside of the box to ultimately help them shape a better quality of life for themselves. Giving these young adults their own social space is the crux of what we are trying to achieve. We incorporate all the different things they should expect as part of this transition from childhood into early adulthood, including space to entertain, have a drink and welcome friends for a chat. These are all the basic things we would expect as adults but in a familiar environment which takes transitional considerations into account, such as proximity to their previous hospice location. We listen throughout to flex and change the design as needed, meaning every build is as unique as its inhabitants.



Watch Mura and Stuart discuss the future of hospice design

Watch now



St Oswald's Hospice



St Oswald's Hospice young people

### The future of hospice design

Developments in medication and health technology are advancing like never before and subsequently life expectancy is increasing amongst both the old and the young. We expect to see a significant increase in the demand for hospice provision for younger patients because of this and a greater emphasis put on these spaces as social hubs providing community connections, for those both directly and indirectly impacted by young adults requiring hospice care. Whilst health conditions can continue to be managed and treated, the social needs associated with holistic care will need to catch up, such as considering the wellbeing and mental health provisions for patients and providing respite resources for carers.

It's also important to remember that admission into one of these spaces doesn't always signify 'the end' and in many instances they are there to get better. Not only are hospices providing a huge beacon of hope, they also encourage further ties with local communities in a number of ways, which can be of huge benefit for young patients. At JDDK we have seen notable success when hospices have collaborated with organisations to facilitate gainful employment or work experience for patients.

We know that talking and listening are critical throughout this entire design process, and that it cannot be underestimated what a huge step it is for the patient when transitioning from a children's hospice to a space specifically geared towards a young adult's environment. We need to continue having these conversations, as our work in this field develops and there is huge scope for advancements and community benefits to aid society and the people at the heart of this essential provision.



St Oswald's outpatients suite

# Trust, collaboration and innovation

The legacy of JDDK and St Oswald's Hospice design and care partnership

 **Stuart Franklin**, Associate Director, JDDK Architects

 **Jane Hamblin**, Head of Facilities, St Oswald's Hospice

 **Angela Egdell**, Director of Care Services, St Oswald's Hospice

After Jane Darbyshire won a competition for her design of St Oswald's Hospice, built and handed over in the 1986, JDDK has shared a long and exciting journey with the hospice, working together for four decades. The original design won the RIBA Building of the Year (now the Sterling Prize) and our record of design excellence for St Oswald's has continued ever since thanks to the special relationship between our two teams.

While many people from both JDDK and St Oswald's have contributed to the success of the hospice over the years, today the partnership is led by Stuart Franklin, Associate Director at JDDK, alongside Jane Hamblin, Head of Facilities and Angela Egdell, Director of Care Services at St Oswald's. Stuart has worked alongside Jane and Angela for the past 25 years, leading a series of extensions, renovations and enhancements to help St Oswald's Hospice evolve in line with its innovative care services. Here, we explore how the teams have worked in collaboration to create a truly special space that symbolises care and safety for many, and what it takes to build a relationship that lasts a lifetime.

## An architectural journey

Following the completion of the original Adult Inpatient Unit, our work with St Oswald's has included a Day Hospice (now the Focus on Living Centre), a Children's Hospice, an Outpatient Suite, an Information and Gift Shop (now Bereavement Support), a newbuild Garden Room/Pond renovation and several refurbishment and small scale extension projects reflecting the changing needs of the hospice and increasingly demanding legislation.

From Jane Darbyshire's first project with St Oswald's, we have always focused on 'user-centric' design, meaning we put the patients', and staff needs above all design choices. The functionality of the building is key, but we're also placemaking to create a sense of domesticity and home. It's the people that make the place, and St Oswald's has a real community spirit.

Stuart recalls, "What captured everyone's imagination in the original build was that the hospice wasn't designed like a typical hospital. It more closely resembles a domestic building in scale and feel, almost like a home away from home with a strong connection to the external landscape and nature. But

more importantly, it was very much putting the patients and staff first."

Jane adds, "The aim is to make people feel as comfortable as possible when they're coming on site for treatment. And it's not just the patients, it's their relatives and friends too. We want to make everyone feel welcome and comfortable – building trust with people who stay here starts when they walk through the door."

Stuart continues, "As additions and enhancements have been made, we have borrowed and adapted a similar design language and philosophy throughout the hospice's design. The new and older spaces complement each other, with the new spaces getting more modernised in line with the functional needs of the hospice. This was certainly the case for the Outpatient Suite, constructed 15 years ago, which took an even more sustainable approach, using natural ventilation and light to keep the space as light and airy as possible, without the reliance of mechanical ventilation. This gives the Suite a stand-out aesthetic, utilising a similar contextual palate to the surrounding buildings, but used in a more contemporary design, accentuating the Suite as a building of its time.



St Oswald's outpatients suite

## Awards



1987 Civic Trust Award for St Oswald's Hospice



1988 RIBA National & Regional Award



1989 RIBA 'Building of the Year' Award (now the Stirling Prize)

“

From the minute somebody walks or drives through that entrance, they begin to feel the care, trust and the love that the Hospice envelops them in.

## More than a space for healthcare

Anyone who has visited St Oswald's knows that the building is much more than a health care facility. It is a home away from home for the patients, and for the families and the staff who work there. Testament to this is Angela's experience of working at St Oswald's since it opened in 1986 when she joined as a Registered Nurse. Angela explains; "Working at St Oswald's, it's easy to take our surroundings for granted, but when I pause to look around or if I'm showing someone the grounds, we are all struck by what a special place it is. I'm privileged to work here and sometimes I have walked around and thought to myself 'we did this'. We put all this together and we really appreciate what has gone into it to get that result."

Jane continues, "From the minute somebody walks or drives through that entrance, they begin to feel the care, trust and love that the Hospice envelops them in – that's one of the comments we often get, and I felt the same way when I first arrived. I thought 'I want to work here!'"

Stuart adds, "It's not just a place for care, there's a huge community feel through the whole place, which is testimony to the way St Oswald's is run and I like to think potentially partly born in the architecture. It's a very loving place to be because of the way the St Oswald's team all do their jobs with pure dedication for the patients and their families. The complex is like a small community village and it's very close to all of our hearts."

The impact of St Oswald's design has of course reached much further than the walls of the hospice. Angela explains how their space has influenced other hospices to carefully consider the design of their facilities. She says: "There's several people I've shown around or spoken to over the phone who have asked for a recommendation for our architects and have asked for our advice on how to manage certain clinical needs within a space. It's fantastic to know that we have influenced hospice design across the UK, even though we're an independent charity with limited funds and resources."



Exterior of Family Room and Gardens



St Oswald's Hospice

## Caring with the support of nature

At JDDK we have often enhanced our building designs with use of biophilic design, which bring elements of nature into the built environment to create a better user experience. Stuart has experimented with various new ways to bring nature inside, and this work has particularly enhanced the space at St Oswald's. Stuart says, "We love to bring the outside world inside for people to enjoy, but in a healthcare environment it's essential that we show this can be done in an infection control friendly way."

Jane explains further, "There are lots of courtyards and outlooks onto natural spaces, so despite what the patients and families are going through, it's therapeutic for them to focus on the outdoors. Where there isn't a direct view out, there's a fish tank or some other element of nature to focus on inside, acting as a pleasant distraction."

Stuart adds, "We call it distraction therapy. The idea is that this connection, particularly to nature helps you orientate yourself around the building, providing a calming effect. This approach is becoming more common in medical centres now and was used at St Oswald's from the beginning which was very innovative at the time acknowledging the cognitive connection we have as human beings to the natural world."

## Designing the latest innovation at St Oswald's

The latest project we are working on for St Oswald's is the Young Adults Accommodation. As new clinical needs challenge us to examine how the spaces operate to serve young adults whose needs are very different to those of children and older adults.

Angela explains, "The Young Adult's suite is a classic example of where clinical need and design come together. When the Children's Hospice was first designed, it was intended for ages 0-18 years, the theory being that when patients turned 18, they went into Adult Services, matching the process in health and social care settings. What we soon discovered was that our child patients were remaining ill, but alive for much longer, due to advances in healthcare and the general improvement in life expectation. The Young Adults Accommodation will allow patients and their families to take short breaks between children and adult services."

Jane notes that input from the clinical staff is essential in designing this new space, "Our team know what equipment and care young adult patients need, so their insight is invaluable. We have previously had rooms 'mocked-up' so that staff can stand in the space before it is built and explain to us where equipment should be placed and how they need to use the room."

## Small Change, Big Differences

### St Oswald's Family Room and Gardens Budget: £280,000.00

At JDDK we believe that small changes can make big differences to your healthcare space. No matter the space and budget you have available, even the smallest of design changes can make a huge impact on the experience that your patients, visitors and staff have in your space. We did exactly this at St Oswald's Family Room and gardens.

We extended and reconfigured the existing Family Room building and garden, opening in March 2020 at the heart of the hospice. The new space gave new life to the surrounding Adult Inpatient's Wing, providing families and patients with a 'home-from-home' flexible break-out space in which to congregate and relax.

The construction was completed on time and within budget, despite the ensuing constraints of the Covid-19 pandemic. The construction budget was tight, but we worked closely with St Oswald's and the contractor to find efficient value engineering solutions to save money throughout the design and construction stages, without compromising on the building's impact and quality.

The new hub created space for patients, families, staff and visiting public to meet within a relaxing setting, with the option to hire the space-out for functions such as weddings and social events connected to the hospice. We designed the Family Room's access to allow wheelchair and patient beds to be pushed onto the veranda under the shelter of the roof overhang, encouraging patient connectivity to the surrounding garden in all weathers.

The new Family Room's design was originally intended to improve patient and families' wellbeing and succeeded in doing so by bringing the 'outside-in'. An additional benefit that was not anticipated in the early design stages, was that the timely completion of the new facilities helped patients and families to meet each other throughout the pandemic, within a safe and socially distant environment – something that proved invaluable to lives of people at St Oswald's as they navigated the challenging years of restrictions to come.



St Oswald's Hospice

## A relationship that stands the test of time

It's the relationship between us at JDDK and St Oswald's that allows this excellent experience to be a reality at the hospice. Jane says, "Given the time we have worked together it is somewhat a miracle that Stuart and I have never fallen out. Our relationship is excellent. We can give a brief to JDDK and they can act quickly turn around an appropriate design to match our requirements because they already have great insight into what we're about."

Stuart agrees, saying, "We can jump on short timescales for projects, for example if a grant is put out or a new clinical need arises, we intuitively understand what is needed and can put forward ideas and designs quickly, which is part of what makes our relationship great. We also borrow each other's language now. It's fantastic when I hear Jane and Angela using phrases that I know I say all the time, because we work so closely together, and all learn a lot from each other."

Angela shares her advice for other healthcare providers who are looking to embark on a new architectural project, saying, "The team you work with must really understand what you're trying to do. In a hospice for example, it might be easy for an architecture firm to think they understand the requirements because they have worked on a hospital or a nursing home, but the key is developing the brief and designing together, which is something JDDK truly understand from conception to completion. Having a team who understands the brief and the essence of the organisation is vital, and we find our renovations and extension projects straightforward now because we've got a unique working history."

We have been very lucky to have such a fantastic relationship with St Oswald's for four decades. Between our two teams, our collective specialisms and great relationship have led to years of fantastic award-winning work, but the importance of strong relationships built on mutual understanding is what has made St Oswald's a truly special place. The hospice continues to have a bright future ahead thanks to the legacy its people have built.

# CASE STUDIES

## Case Study

### The Rutherford Cancer Centre North East, Northumberland



The £38m Rutherford Cancer Centre North East is the first privately-run centre in England to offer Proton Beam Therapy as well as a range of treatments. The facility offers world-leading technology including Infusion Therapy, High Precision Radiotherapy and Proton Beam Therapy.

The building and its environment are designed with patients at their core. State of the art technology in a beautiful and calming natural therapeutic setting, aimed to improve treatment outcomes and reduce stress for patients, families and staff.

The project was delivered using a confederated BIM, enabling close collaboration with specialist teams from the key equipment partners: Philips, Elekta and IBA (Ion Beam Applications SA) as well as the constructors. In total, around 160 construction workers, including companies from around the world, were involved in bringing the Centre to life.



We are delighted to be welcoming and supporting patients at our second Rutherford Cancer Centre, which is a step closer to our goal of having a Rutherford Cancer Centre within 90 minutes of 75% of the UK population by 2021.

Working with JDDK has been seamless – they took our vision of having a calming, peaceful treatment facility for patients and their families and turned this into a reality. We look forward to working with them on our other centres in Reading, Liverpool and elsewhere, and to welcoming our first patients at the Rutherford Cancer Centre North East.

**Mike Moran,**  
CEO of Proton Partners International

## Awards



**2019 Constructing Excellence in the North East Awards, Healthcare, Building Project of the Year**



**2019 RICS North East Awards, Design Through Innovation, Shortlist**



**2019 LABC Northern Building Excellence Awards, Best Public Service Building, Shortlist**

## Case Study

### Sue Ryder Thorpe Hall Hospice Peterborough

In September 2015, the second phase of the practice's work for Sue Ryder at the Grade I listed Thorpe Hall at Peterborough was officially opened by HRH The Duchess of Gloucester.

The £6.5m development of a 20 bed ward is set in the old kitchen garden of the Grade 1 Listed country house – one the finest buildings in the east of England – which was constructed between 1653 and 1656 for the Commonwealth's Lord Chief Justice, Oliver St John, and itself set within a Grade II Listed Landscape, giving both historical and architectural uniqueness.

The Hall had previously been used as a maternity hospital, and the charity purchased the property in 1986 to provide care for people with active, progressive illness including complex neurological conditions.

The sensitive setting required the JDDK team to begin extensive discussions with English Heritage and Peterborough City Council in 2010 which culminated in the successful planning application of 2011. The design proposals were deliberately low impact in response to the planning restrictions and proposed a single storey timber framed structure containing 20 ground floor rooms with en-suite facilities and individual patio doors opening onto the garden areas.

This contemporary and low impact structure also featured a full sedum roof to merge in with the gardens when viewed from the adjacent Hall, timber clad walls, high levels of thermal insulation together with use of ground source heat pump and was fabricated off-site to minimise disruption to the normal running of the hospice.

It was one of the most challenging palliative care projects that the practice had undertaken and, tragically, one of the final pieces of work undertaken by Ian Clarke.



## Awards



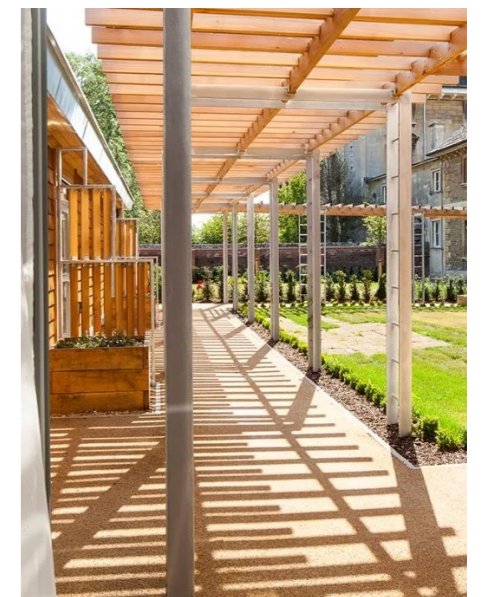
**2016 LABC National, Best Inclusive Building**



**2016 LABC East Anglia, Best Inclusive Design Award**



**2015 Building Better Healthcare: Highly Commended, Best End-of-Life Care Development**



# CASE STUDIES

## Case Study

### Marie Curie Hospice Edinburgh



This £2.3 million refurbishment and extension scheme's aim was to breathe new life into the existing circa 1970's building, introducing en-suites to all ward rooms and improving the spatial standards around each patient bed. This was achieved by the addition of a south facing extension to the existing facade, increasing the internal area to accommodate en-suite 'pods' to the patient bedrooms. A two storey foyer/lounge was also inserted between the existing Adult Unit and Day Services buildings, to act as the 'new face' of the building.

A key aim of the design was to create a bright and welcoming environment for users, introducing natural passive ventilation and light where possible. Existing fenestration was replaced by full height glazing, including patio doors with side louvre vents. The bedrooms are protected from solar gain by introducing a secondary balcony structure fitted with external cedar louvre.

The new refurbishment offers patients a view of the 'outside world' to avoid feelings of isolation and the 'light and airy' interior provides a calming influence. The design aims to make the environment feel as non-institutional as possible and more a kin to a spa hotel, accommodating current patient and family expectations. Ventilation and lighting have been designed around the patient and user, making them very much in control of their own environment.



## Case Study

### Highland Hospice Inverness

The project had begun in 2011 with an initial commission for JDDK to undertake a Feasibility Study to explore options to upgrade the hospice's 25 year old facilities, particularly the Inpatient Unit, in light of the development of hospice services, increasing regulatory recommendations and the aspirations of the Highland Hospice for the creation of the very best care environment.

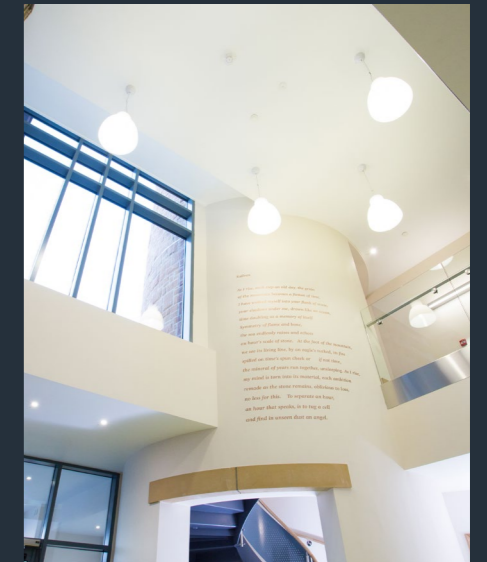
JDDK Associate Director, Nicky Hodgson, explained, "The hospice has the most superb riverside location and a key factor was the desire to stay here taking advantage of those parts of the hospice which were working well and the familiar public face of the hospice centred on Ness House. The chosen option was therefore to demolish the existing small inpatient Unit which had only four single rooms and two three-bedded rooms, all of which were smaller than current guidelines recommend, whilst spaces for family and staff were also restricted and temporarily move whilst the new unit was constructed.

Following a three year fund-raising campaign which gathered £4.5million towards the construction of the facility, raised by more than 4,000 donors, the inpatient Unit was temporarily relocated to Invergordon Hospital with other services operating from an adjacent Business Park allowing demolition of the existing unit and construction of the new facility to begin June 2015.

Nicky Hodgson continued, "With nine single en-suite and one three-bedded room, the new Unit offers greater choice and vastly improved privacy and dignity for patients.

All the single rooms are now large enough for a family member to stay overnight with their loved one if desired and the facility provides additional much needed family accommodation enabling friends and relations to relax during the day and stay overnight if they wish."

"Work spaces for clinical staff have also been greatly improved, meeting modern healthcare specifications. The facility also provides dedicated bereavement support rooms for face-to-face, group and telephone counseling for the first time since the service was launched in 1994 as well as a unique Sanctuary for patients, relatives, staff and volunteers to take respite from the challenges they face."



“With the support of the Highland public we have achieved our £4.5 million fundraising target and delivered a building offering a welcoming and calming environment with all the features a modern care facility needs. We are proud of what we have been able to provide for the people of the Highlands and I am delighted that the Earl of Inverness was also impressed.

**Mr Norman MacDonald,**  
Hospice Chairman



DISCOVER  
DESIGN  
DELIVER



**Mura Mullan**  
Director

E: [muram@jddk.co.uk](mailto:muram@jddk.co.uk)



**Stuart Franklin**  
Associate Director

E: [stuartf@jddk.co.uk](mailto:stuartf@jddk.co.uk)



**Nicky Hodgson**  
Associate Director

E: [nickyh@jddk.co.uk](mailto:nickyh@jddk.co.uk)



**Gavin Wu**  
Architect

E: [gavinw@jddk.co.uk](mailto:gavinw@jddk.co.uk)



**Adam Vaughan**  
Director

E: [adamv@jddk.co.uk](mailto:adamv@jddk.co.uk)

**JDDK.co.uk**

T: 0191 286 0811

 [@jddkarchitects](https://www.instagram.com/jddkarchitects)

**JDDK Architects**

Millmount, Ponteland Road,  
Newcastle upon Tyne NE5 3AL

