

# **Celebrating** 60 Years

Ryder Architecture Limited

Newcastle

London

Glasgow

Liverpool

www.ryderarchitecture.com

### Introduction

Ryder and Yates was formed on 1 May 1953. To celebrate 60 years, we have curated an exhibition of the practice's work which is touring the UK. Events at each of our offices will provide the opportunity to thank our clients and other friends, most of whom have been with us for many years and for several projects.

Post war optimism architecture to change society (1953)

Gordon Ryder and Peter Yates meet as members of Berthold Lubetkin's handpicked team for the design of a whole new town at Peterlee.

Lubetkin was to transform the downtrodden mining area with a visionary masterplan.

Peter had worked with Corbusier, Gordon was a friend of Peter Smithson, who later became a champion of the so called Brutalist movement.

They met again accidentally and set out to pursue their modernist dream in northern England. Anything was possible !

The influence of Corbusier and, in particular Lubetkin, remained strong.

A tradition of playful rationalism.

Exhibition stand for Carlite Plaster at Olympia 1957

Peter Yates began his career working as a commercial artist and became involved in exhibition design in Paris. A relationship with Carlite Plaster led to a series of stunningly dramatic and deceptively simple stands at Olympia.

This example from 1957 juxtaposes, cone rhomboid and square set on a rectilinear base repeated three times in a diminishing order. Such early experimentation developed themes which were to recur in later work. The illusion of simplicity did, of course, require somewhat complex structural systems behind the scenes to maintain it !

#### Peter Yates on Le Corbusier

Peter Yates was a prolific painter. His work was integrated as murals into many of the buildings. Examples remain at the Tyneside Cinema in Newcastle and in the foyer of Lubetkin's Bevin Court in Islington. His style was influenced by Le Corbusier whom Peter first met in Paris in 1944. The beginning of what was to be a lifelong friendship.

We sat at the white marble table in the dining room which links, like the web of an H, Le Corbusier's small living room to his large studio. "Can we see your paintings ?" I said. He came out of his chair like an eagle and his eyes shone. "You like painting ?", "You are a painter yourself ?" And round that marvellous room he went, full of excitement, pouring armfuls of drawings onto the low tables: drawings of stones and women and flowers and fish and fir cones. There were thick portfolios labelled "drawings L.C." down through the years and neat brown paper parcels protecting mounted drawings and labelled "bulls", "women", "ubus". He was back with a vast roll of canvasses that he unrolled, hurling each across the floor, one after another: wrestlers and lovers; stones, bones; giant women with purple fruits and rainbow scarves; great shells perforated by the sea; chestnut leaves unfurling out of sticky buds; fishes and clouds and rocks and ropes.

He showed how he worked, on writing paper thin enough to trace one drawing from another - retaining some parts, altering others. Using coloured chalk then brushed over by water to unify the colour and bring it to the edges of its form. In all these drawings there was a wildness and accidental life not evident in the monumental and more finely coloured hard edge oils. "Would you like one ?" Choose which you like," he said, shovelling 50 or so onto the table. I found three nude giantesses, one bright pink, one grey and one white with bright blue hair, all holding hands and sitting on a rock. I fell in love with them. "You like them ?" he asked, wrote my name in the corner "amicalement" and signed it Le Corbusier.

Peter Yates



#### Masterplan Peterlee New Town

Lubetkin's plan was utopian, more in the mode of Le Cortusier's plan of 1942 for Sant-Dié than in the British garden city tradition adopted by other new towns. He saw the site for Peteriee as a basin, with the whole town set within it, allowing the exclusion of all winse.

Lubetkin was committed to the idea of a densely populated town, with a compact grouping of tail or large buildings around its centre. The classically inspired arrangement of three slab blocks, one at the apex and two at the base, was referred to







#### " That boy can make shit look good to eat.

#### Beach Houses, Beadnell

The houses were to be modernist statements of exposed reinforced concrete frames inflied with panets of shore and timber. They also had roof gardens.

They were a close interpretation of Corbusier's "five points" with free facades, free plans, flat roof, strip windows and pilotis. There was fierce local opposition and the houses were never built.

Victor Pasmore, who had taken the lead role on Peterlee following Lubetkin's departure, was a regular visitor to Ryder and Yates and was influenced

#### We learned everything from Lubetkin.

#### Lubetkin's team at Peterlee

"

 Euberkin's team at Peterlee

 Peter Yates (second left), Gordon Ryder (middle).

 Berthold Lubetkin was one of the true pioneers of architectural in 1931 his goal was to:

 "Find an architectural in 1931 his goal was to:

 "Find an architectural radical bur traional philosophy tach employed progressive techniques founded on dassical principies."

 Iconic buildings completed before the contriby restored Finsbury Health Centre clearly express this goal. Post war





#### Damerell House 1954

Designed for the managing director of Carlite Plaster this was the first completed building of the Ryder and Yates partnership.

The linear plan was to become a favourite technique of Ryder.

The entire south wall was glass with a heroic fireplace and chimney set at its centre.

The storey height parabolic rooflights were also to become a favourite device, creating highly sculptured volumes flooded with natural light.



New challenges, new ways of working (1965)

The 60s brought success - a step change to more complex building types.

Ryder and Yates learnt about rigour in design and the joy of a multi disciplined design team working in a shared space.

They built a team around them and made a logical, yet radical move to employ structural and services engineers - everyone they needed to deliver ground breaking innovative architecture.

The Polish émigré Leszek Kubik, a highly creative structural engineer, was particularly influential.

#### Engineering Research Station 1968

Located only a few hundred yards from Norgas House this building is probably the most radical and seminal of the early works.

Director David van der Post had six scientists when he commissioned the building. On completion two years later he would have 200. To complicate matters North Sea gas was discovered partway through the design stage and the whole emphasis shifted from gas production to distribution.

His "playpen for boffins" did need to be just that, able to respond to entirely unpredictable demands.

#### Engineering Research Station 1968

The solution was to create a fixed support office, canteen and car parking element at the front of the site with a fully modularised flexible arrangement of laboratories capable of overnight reorganisation.

The huge sculptural roof forms contain water and extraction systems.

The device of the porticoed entrance bridge and sculptural mounds provide a counterpoint to the simple main facade.











## I can't imagine working any other way.

Team at Killingworth

"

Peter Yates, (third left) and Gordon Ryder (thirth from the right) are joined by Ted Nicklin, (centre). Ted, having worked with Chamberlain Powell and Sonn on the Barbican Centre and Sheffield city architects on Park Hill brought both a strong social conscience and an experience of complex building types which became invaluable as the practice became involved in increasingly sophisticated designs.

#### Norgas House 1965

Designed as the headquarters of Northern Gas, the building reflects the maturing of the practice. It was the first to be completed by the new multi disciplinary of fice. A highly sophisticated flexible office building with modular servicing and a bespoke demountable partitioning system designed by the team.



Engineering Research Station 1958

#### Social Housing at St Cuthbert's Green





# The pacifist and the arms manufacturer (1982)

Peter Yates died in 1982. Ted Nicklin took his place and the practice became Ryder Nicklin. Ted's approach to rational and functional design to meet real need was expressed perfectly in two major industrial buildings.

#### Vickers

Vickers had grown like topsy on the banks of the Tyne, providing arms to fuel two world wars.

There were nine separate trade unions, six different exclusive levels of dining. They even had their own fire station.

The result - a simple building, robust and radical. White collar workers crossed the shop floor each day to get to their desks, their open plan office a simple extension of the industrial envelope.

Ted showed a young student named Tim Jeffery around the finished building. Tim is now a partner in London.

#### Barr and Stroud

Professors Barr and Stroud answered an open invitation from His Majesty's Government for designs for an accurate rangefinder for the British Army. The brief was no more than a small one column wide advertisement. They won and Barr and Stroud was born. The advert still hangs in the reception of the building.

While we were building the new plant on the banks of the Clyde, Gordon Murray, now a partner in Glasgow, was developing proposals for the regeneration of their former site in Anniesland.

#### Barr and Stroud

The fully glazed north facade allows light deep into the building whilst avoiding unwanted solar gain and glare. It also provides a spectacular view of the River Clyde. The circular conference room projects over the visitor entrance.

Barr and Stroud in Glasgow grew to be a world renowned developer of optronic equipment including thermal imaging instrumentation and periscope manufacture. Like Vickers they had grown into an ad hoc arrangement of buildings. The firm realised it needed to reinvent its whole structure if it was to survive. A single envelope contains all of the administrative, design prototyping and manufacturing functions. Factory North and South segregate the office based functions from manufacture and assembly (a necessity of fire regulations which the design team reluctantly accepted).

A street between the two serves as a main entrance and unifying element. Factory North is entirely open plan with cellular support elements tucked under a mezzanine gallery.







#### Lubetkin on Peter Yates

Some years ago I was taiking with Le Corbuster about Peter Yates, with whose work he was familiar. "This boy can see things" said he, but to me it seemed more relevant that Peter could do things.

In his paintings he prodded the depths rather than depicting the surface. Simvering passions behind the story immobility. Cathedrals like rocks and rocks like cathedrals. From the vision of his beloved Durham locked in the midst of time to the ultramarine thaspoold of cyclopic islands. By staking claims

# The second secon

\_

And the second of the second o

# <text><text><text><text><text><text>

Obituaries Ted Nicklin died in 1994

Ted Nicklin died in 1994 after a short illness. He worked passionately until the end. Gordon Ryder died in 2000.

Gordon Ryder died in 2000. The end of an era ... but the spirit lives on in a tradition of innovative practice.

### Fundamental cultural change:

At its heart was an intense bond between architect and client, two men - Gerry Boxall, the managing director and arms manufacturer, and Ted Nicklin, the architect and active pacifist.

Barr and Stroud periscope tower	Barr and Stroud factory interior
The tower sits at the end of the periscope assembly line and marks the entrance to the street.	The huge volume of Factory North is formed with simple portal frames. An offsetting of the portals opens up the giant
The periscopes are holded into the super stift construction with viewing windows onto a testing mark on a historic crane across the Clyde.	Iczenge rooflights to bring light into the depth of the plan. The huge stainless steel tubes carry tempered air into the under floor displacement system. "Barr and Stroud in Glasgow represents an importat breakthough in the design of combined office and manufacturing workplaces. The building creates precisely the kind of humane modern working environment in which the tubure prospenity of this ration must be







00000 AXM



Last one out close the door (1994)

Gordon Ryder retired in 1990 and in 1993 Ted Nicklin was diagnosed with cancer and passed away soon after.

Like many first generation practices there was no succession plan, and in the early 90s next to no work.

Peter Buchan and Mark Thompson, respectively partner and associate at the time, took it on and vowed to build a company around great people based on collaboration, creativity and great client service. They were supported at the time by Bruce Riches and Edward Bird.

We were offered a makeover management consultants trying to force us into a standard management structure. We didn't like it or understand it. Someone gave us tickets to see Tom Peters, he talked about "crazy times calling for crazy organisations" that should be built around teams constructed round projects. That suited us just fine !

We learnt that the team is everything. More recently Blackie, then a coach of the British Lions and Newcastle Falcons taught us that "the best teams don't have better tricks, they just practice the simple stuff more".

We learnt that "fortune favours the prepared mind."

Louis Pasteur

We also learnt that a vision is useless unless it is shared. So since 2001 the whole practice has been involved in the content of our Blueprint.

Without this the rest would not have followed. With renewed self belief we rebranded as Ryder, in 1997.

#### Barr and Stroud

The fully glazed north facade allows light deep into the building whilst avoiding unwanted solar gain and glare. It also provides a spectacular view of the River Clyde. The circular conference room projects over the visitor entrance.

Barr and Stroud in Glasgow grew to be a world renowned developer of optronic equipment including thermal imaging instrumentation and periscope manufacture. Like Vickers they had grown into an ad hoc arrangement of buildings. The firm realised it needed to reinvent its whole structure if it was to survive. A single envelope contains all of the administrative, design prototyping and manufacturing functions. Factory North and South segregate the office based functions from manufacture and assembly (a necessity of fire regulations which the design team reluctantly accepted).

A street between the two serves as a main entrance and unifying element. Factory North is entirely open plan with cellular support elements tucked under a mezzanine gallery.



#### Spectrum House

reuse of 1960s buildings been a recurrent theme for practice. In this case with The practice. In this case with ufficient additional capacity in rame and foundations to take wo additional floors. With a lank gable bracing the building tere was an opportunity to interpret the corner that lasgow's grid is famous for, but a way that encapsulated that it of the city.





#### We learnt that the team is everything.

Novocastra

This was their first bespoke facility and had much of the spirit of Investion and enterprise that had shaped early buildings such as Engineering Research Station.

Two floors of laboratories are connected to a mezzanined office space via a central atrium designed to encourage informal meeting and discussion. A plan device developed from Barr and Stroud.

Murals based on abstract enlargements of cellular structures were developed for the atrium space.

We wrote Blueprint in 1994 on a few sides of A4 which articulated our ambition. Three years later we wrote another - and have done it every year since.



Professor Wilson Home, chairman and managing director



Ryding high Mark Thompson (left) and Peter Buchan are the men behind the new philosophy which has led to Ryder Nicklin's renaissance



Big fish, small pond

We had built some good teams around some great people and learnt that the culture and personality of a practice is a combination of leadership style and everyone buying into shared values and ambition.

Could we fulfil this ambition from one location in Newcastle ?

With encouragement from clients we were determined to open in London with the right partner, but how to identify who? Sometimes any action is good - and a good plan is one that happens.

After a few disappointing "blind dates" Mark picked up Building Design to look for London firms who were advertising for staff - on the basis that they must be doing alright !

This led us to Hyett Salisbury Whitely, we found a partner and we learnt that shared culture and values in an organisation are as important as talent.

#### Radisson SAS

Located in a shift in the Glasgow city grid the gap between the building's seven storey mass, oriented on one grid, and the four storey copper wall five degrees off that grid, mediates this height loss with surrounding buildings and the space created becomes the public areas for the hotel blurring indoor and outdoor spaces with the massive overhangs. The copper wall echoes the height of the Heilanman's Umbrella (an earlier conservation project) and the scale of adjoining buildings.

#### Elementis Chromium

Elementis, one of the world's largest producers of chromium products, required a testing laboratory for their process plant. Office and research space on the first floor connects visually to ground floor test labs via a north lit atrium. A development of the principles proven in Barr and Stroud and Novocastra.



We'd built some good teams around some great people and learnt that the culture and personality of a company is a combination of leadership style and everyone buying into shared values and ambition.









Three Rivers Housing Group Three Rivers wanted flexible space which was also domestic in feel and intimate.

We explored some simple principles of energy efficient design with a deep roof overhang to the south and external pools to provide cool air and reflected light.

#### Generator Studios

A client approached us with the brief to convert it to loft apartments. A solid tube of brick some

three metres in both diameter and thickness still sits next to where we drilled out one of the windows. We felt it much better suited to studio space and were looking for additional space for the growing practice, so we made it our own.

Generator Studios began life as the coal fired electricity generating station for the Newcastle city tram system. The brick work was so strong that we carved openings with huge water cooled saw and core drills, as if it were concrete







### If you don't know, find someone who does

In the early 90s recession commercial projects completely dried up and Ryder, like many others, came close to extinction.

The practice needed to be stronger in order to realise our ambitions.

We wanted to diversify into emerging public sector projects to give us a balanced workload and greater resilience. Trouble was we had no track record, no credibility.

A contractor friend told us that the US approach to healthcare was going to be of interest to a restructuring NHS. We went to a national gathering of the American Institute of Architects (where better to meet every significant architecture practice in the US ?) and "interviewed" three contenders.

Within a few weeks we shook hands on a deal with HKS in Dallas - a firm 10 times bigger than us - and RyderHKS was created.

It just clicked but precisely a week later was 9/11.

Determined and unphased, another week later we had a team of enthusiastic Americans crammed into our London office in Old Street designing a major hospital.

We had our credibility and loyal clients who gave us our opportunities.

#### Cobalt Business Park

Cobalt is one of Europe's largest business parks. Masterplanned by Ryder and substantially built by the company over a 10 year period.

Cobalt 1 and 2 are a pair of buildings each designed around a central atrium with a curved form addressing the main approach.



#### Citygate

э

J.

The first building to address the newly created western boulevard route to St James' Park and Newcastle city centre. Citygate sets out to provide a civic presence to the road whilst responding in scale to the setting of the historic city wall to the south.

Constructed in two blocks the development is a mix of offices and apartments.





#### Quadrus

Our brief was to provide space for start up businesses in South Tyneside. The site was adjacen building which was elevated and expressed as two pure cubes to give a real presence A previous phase on an adjoining site was single storey with anorymous rooms off a central corridor.

organisations within. We created the gateway to South Tyneside.











Scotland

We set out to establish teams around the UK in order to build national credibility. We had a project in Ayrshire and Paul Bell who was prepared to relocate to grow a base in Scotland. We chose Glasgow - we liked its gritty grandeur and design buzz.

It took us five years but we found Gordon Murray - a kindred spirit and one of Scotland's most respected architects. With his loyal team they were looking to be part of a likeminded but more diverse company.

#### Darlington Education Village

The first school in the UK to truly integrate primary, secondary and special needs pupils.

The village accommodates a wide range of children with physical and mental disabilities and behavioural problems.

The mission was to achieve total inclusion.

We responded with the village concept. Creating "homes" where vulnerable individuals feel safe and secure together with meeting places - the equivalent of the village hall, pub or church where they can engage with a wider community on their own terms.

The village has developed this concept through an active programme of community engagement.

Taboos around disability are broken down in an environment of care and mutual support.





#### Hazelwood

Located diagonally opposite Spectrum the project was an experiment in meshing grads A office space of optimum efficiency with creating a marker building at a gateway to the city. The shift in scale was also a bold move on the edge of the conservation area yet provided a landmark at an entry point into the city from south of the river hence "Sentinel". This was the first of a series of exemplar pilot projects set up by Genarative of projects set up by Genarative of professional second A new school to children with sensory impairment formed out of the roles of the two existing schools. A site of complex constraints – building heights, noise and mature landscape were significant in the formative aspects of the design.

Sentinel

A variety of sensory tools exists to enable understanding of the students' environment. This is most apparent in the form of the sensory wall and circulation and in the use of weathered, natural materials throughout.



**River Heights** Another example of the investigation of scale and integration of residential elements into an industrial part of Glasgow.





#### " A brilliant concept !

John Knox Street Workshops Centre for Victims of Torture The charity offers support and counselling to victims of physical and mental torture whether as a result of war or domestic abuse. Explores the themes of regeneration and place making. regeneration and place making. These advanced industrial units - loose fit and low energy - were at the frontline in an endeavour to taken providen energy - were taken to tortien as an energy - were taken to protection, cam Machine works and John Brown Shipbuilders, both of which offered a collective memory which that informed the design - a stitching patters as a decorative element and riveted metal panels encodes the state of the state of the element and riveted metal panels encodes the state of the state of the element and riveted metal panels encodes the state of the state of the element and riveted metal panels encodes the state of the state of the element and riveted metal panels encodes the state of the state of the element and riveted metal panels encodes the state of the state of the element and riveted metal panels the state of the state of the element and riveted metal panels the state of the state of the element and riveted metal panels the state of the state of the element and riveted metal panels the state of the state of the the state of the state of the element and riveted metal panels the state of the state of the state of the the state of the state of the state of the element and riveted metal panels the state of the state of the state of the the state of the state of the state of the the state of the state of the state of the element and riveted metal panels the state of the

This created a sense of place in the town and marked entry into an area of urban renewal.







Liverpool

As with Glasgow we had the project and Richard Wise and Ian Kennedy who at different times made vital contributions to setting up in Liverpool. As with Glasgow we liked its heritage and character.

Gareth Callen was our man on the patch. This time it only took two years to find him.

We had the strategic coverage of the UK we set out to achieve.

We regard ourselves as being made up of teams who happen to be in different locations – one company with eight teams. The collective spirit and ethos of Ryder means everything to us.

Significant projects began to come to fruition across Britain.

#### Durham Johnston School

The redevelopment of Peter Buchan's old school became a pathfinder for the Durham Building Schools for the Future programme.

Self contained faculty wings can be reconfigured to create a mix of open and enclosed learning spaces. Laboratories and other specialist facilities face onto a central street containing social spaces and dining.

Located at the edge of the city, a world heritage site, the school is overlooked by Durham Cathedral and therefore was subject to a great deal of planning and heritage scrutiny.



#### First Central 200 Glasgow Harbour

The brief was for a speculative office on First Central business campus in Park Royal, London the masterplan and adjoining Diageo headquarters.









#### Liverpool Science Park ic3

Carefully slotted onto a former car park between earlier phases and adjacent the iconic Liverpool Metropolitan Cathedral, the building was very much designed from the outside in and inside out. When finished in 2014 the building will complete Liverpool what from the winde spaces. When finished in 2014 the building will complete Liverpool It is a direct response to both is. Science Park. programme of activity, providing highly fixelike commercial laboratory and support office space, and its location.



#### Know when to stop ... and when to keep going

Our partnership with HKS propelled us into an altogether different scale of project and operation. We learnt a huge amount from them about running the practice and projects efficiently to free more time for design. Seeing clearly when something has run its course is sometimes difficult but in 2008 we realised that both partners were in danger of holding each other back and we amicably parted company.

Determined to remain in London we took impressive offices in the west end at the point where everyone else (including us) was paring back to cope with the worst recession we have known. We were determined to tough it out. We knew that this was where things would improve first.

Richard Wise nursed it to life, joined by Richard Dorkin - one of our home grown success stories having first joined us from school.

A client introduced us to Tim Jeffery whose London practice was commissioned for the proposed massive Hitachi Rail Europe manufacturing facility in Durham.

He needed help and so did we and Tim is now running our London team while lan Kennedy is leading the Hitachi project.

#### Janus Chairs

Ryder was invited to design one of a series of shelters around a waterside trail at Kielder reservoir in Northumberland.

The family of three chairs are designed to rotate - either into each other as a group or towards a favourite view. The sculptural form was derived from petal structures - closed and open.

#### Newcastle City Library

We set out to create a living room for the city. A place where people felt at ease and just wanted to be.

Of course there were all manner of functional requirements that had to be met, but the quality of the building as a place was paramount.

The fully glazed east elevation is part of a three dimensional grid containing a long staircase and breakout and display decks designed to provide a journey through the building which culminates in a viewing gallery at the top.

The wall forms a giant artwork based on the response of local people to four questions around hope and fear.

"It's a wonderful building, combining wonderful opportunities for pleasure, learning and discovery. A beacon, in fact, and a magnificent reminder of everything that libraries can offer their communities."

Andrew Motion, poet laureate and chairman of the Museums, Libraries and Archives Council



Janus Chairs	Cooper's Studios
The chairs are made from solid aminated locally sourced birch backed with a stainless steel protective skin.	Located close to Newcastle Central Station, the building is one of the few surviving worldwide which was built as a borse and carriane repository.
The god Janus was said to look n two directions at the same ime.	and converted for use by bicycles and the earliest motor cars. It was basically a multi storey stables with a central parade route and a third floor showroom.
	Threatened with demolition, the building was listed by English

Threatened with demolition, the building was listed by English Heritage as being of special historic interest. We converted it into studio space, to enhance its original character. The building is now home to Ryder in Nummerite



24 24





#### Subsea Excellence Centre

Tronic are world leaders in subsea controls and electronic engineering - previously housed in several facilities around Uverston we were briefed to create a single building to bring the various activities together.

The products must be fail safe in extreme environments and the building was designed to provide a highly controlled environment to enable precision manufacture and testing.

- Accommodation includes extensive research and development facilities, administrative offices and support alongside clean rooms,



" Bloody waste of space



substantially





#### Expanding horizons

Establishing international work is always difficult. It requires huge commitment and, in our experience, trusted local partners.

In 2010 China announced its new five year plan to include 20,000 new healthcare facilities.

Paul Bell had worked with Farrell in London and Hong Kong. They knew the territory, we knew healthcare. It seemed a natural collaboration. TFP|Ryder Healthcare was created bringing together the combined skill and experience of two renowned practices to offer a dedicated resource committed to delivering state of the art healthcare facilities.

Richard Dorkin moved to Hong Kong and we now have our first commissions.

#### **Bonhill Primary School**

We invited the pupils to design their school using coloured blocks. The boys piled them as high as they could until they fell over. The girls made a circle around a protected central space. They said it made them feel protected. So that is exactly what we did.

The central open space forms intimate sheltered courtyards accessible from all of the teaching spaces.

The relaxed flow of space from classroom to shared activity space and then to the sheltered courtyards encourages creativity and interaction.





#### Institute of Transplantation

The Freeman Hospital in Naturally It patient rooms look Newcastle had a unique vision. Organ transplants have become increasingly common but nowhere had a specialist facility been created where all such operations, whatever the vital organ, could take place.

Shared facilities could be of a higher quality. World renowned surgeons could come together to develop leading techniques and technologies.

The building was to be the best of its sort clinically but the team were also focused on creating humane and calming environments.



ry School plan

#### St Andrews Hospital

This community hospital sits on a magnificent site just outside the town in Scotland. It was designed to be homely and inviting with a simple plan to help people find their way from a common arrival point.

Our aim was to make patients and visitors feel at ease whilst providing excellent clinical facilities for staff.







The underlying concept for the masterplan was developed through workshops in Hong Kong with Pyder producing outline concept proposals for the medical core, including the main hospital and cancer treatment centre.



Exciting times ...

By whichever metric we choose, Ryder is stronger now than ever before: Strength in depth of our teams Recognised in the Sunday Times 100 Diversity of sector and in location Consistent award winning design Client satisfaction leading to increased volumes of repeat work and recommendations Greater efficiency generating a strong financial foundation

Taking on Ryder in 1994 was a fantastic honour and a daunting challenge. We didn't consider the potential as survival was the focus. Looking at the recent portfolio and the opportunities being presented to Ryder now, despite the almost fatal impact of yet another recession, these are the most exciting times we have experienced, at the start of an exciting journey onto the international stage.

#### Droylsden Academy

In 1995 a director of education and an entrepreneur came with us to visit the large open volume of factory north of Barr and Stroud. The entrepreneur challenged the director of education "can you imagine children learning in a space like this ?" The director of education replied "well, yes, actually I can !"

Seventeen years later we built Droylsden.

The head was adamant. He wanted a flexible open environment where children were naturally supervised as they set about learning through multi subject project activity. He wanted kids to feel stimulated and excited about learning. It seems to be working.













In developing designs it permitted experimentation with prefabrication techniques and construction techniques to enable a high quality facility to be constructed in a tight programme to a cost effective budget. The Socitish Orime Campus completes in 2014.









Research is about doing things better

In Blueprint 2003 we set out to "redefine architectural practice". We didn't really know what we meant but we are beginning to work it out. We have always invested.

In 2003 we invested in BIM which, in our view, is more about an ethos of collaboration rather than software. By 2006 the whole company was using BIM and we recruited a bright graduate in a university partnership to develop our approach.

That bright graduate is now advising the Qatari government on BIM implementation for the 2022 FIFA World Cup !

We took it further and set up BIM Academy with Northumbria University to develop research, training and consultancy. It became a huge success and is now advising contractors, consultants and government agencies internationally.

For Ryder it is all about working more intelligently and collaboratively across disciplines.

#### One West Regent Street

One West Regent Street is a grade A office development. The first speculative build in Glasgow for five years. It will provide large floor plates to the highest level of sustainable carbon reduction principles. As well as continuing the regeneration of this part of the city, it will improve place making and connectivity. It builds on a depth of knowledge gained over thirty years of working on city centre office developments.

Work started on site in April 2013.

#### Manchester Central Library

With Newcastle City Library we had learnt about making places which communities could make and call their own.

We wanted to achieve the same at Manchester, but there was one key difference. Manchester Central Library is a much loved neo classical building which is listed as being of special architectural merit. It had many virtues but openness and accessibility were not among them.

We knew exactly what we wanted to do after our first visit.

It was like a fine wedding cake. We needed to strip out the interior, floors and all and put back a new structure whilst restoring key spaces like the central domed reading room. By cutting vertically through the building at its perimeter we were able to introduce open stairs and scenic elevators to give that sense of the whole building and a journey of discovery which we sought at Newcastle.

A complicated project which will have been three years on site when it reopens to the public early 2014.











#### Back to the future !

Build Qatar Live

A 48 hour international design competition gave us the platform to demonstrate how a multi disciplinary design team can fuse into a highly creative production unit.

Rather like Ryder and Yates in the 60s - the right people in the right place at the right time with one agenda - integrated design.

A wonderfully simple, powerful and logical way to design, but now supported by incredibly sophisticated software and collaborative process.





#### Grangemouth Biomass

The Scottish Government are about to report on an energy strategy for newables which will be based on a holistic multi focated approach – wind, tidal, biomass. The Forth Energy Projects will be a significant part of that strategy.

The first of these projects is likely to be undertaken in Grangemouth Harbour.



#### Where next?

Our next move is to embed research into the core of the practice to add value to our approach and our buildings. A partnership with NORD and the University of Melbourne is exploring new concepts of urbanism.

Our campaign to revolutionise the way we aducate professionals across the built environment is smashing down the barriers of discipline which stifle creativity and nelevance to our multi faceted industry. Reinforcing the Ryder and Yates ethos which has remained throughout.

Work with The University of Hong Kong, Qatar University and Curtins University, Australia, is expanding the reach of BIM Academy.

We are exploring the impact of design to alleviate the symptoms of dementia.



## Class of 2013

Andtrew Almond	Estuardo Del Angel
Christopher Atkinson	Craig Dickinson
Steven Ayling	Richard Dorkin
James Aynsley	Michael Dunn
Lorna Baird	Martin Elliott
Jonathan Baker	Paul Fairley
Pater Barker	Alessandra Felicotti
Colin Bedlington	Jonathan Flavin
Paul Bell	Steve Ford
Suzanne Blair	Karen Forster
David Bootle	Simon Fraser
Andrea Botti	Robin Frazer
Jason Braithwaite	Ruth French
Justin Brown	Adam Fryett
David Buchan	Dawn Gordon
Peter Buchan	Ronnie Graham
Dawn Burns	Matt Haggerty
Nadeem Butt	Mike Hamilton
Gareth Callen	Fran Harrison
Andrew Carr	Lyn Hayek
Graham Cavanagh	Laura Henderson
Daniel Chambers	Katherine Hilton-Lazonby
Emma Chong	Victoria Hope
Mark Clasper	Jon Humphreys
lan Crow	Graeme Hurworth
Ffion Davies	Timonthy Jeffery
Sean Deacon	Ian Kennedy

Kassra Kiarass-Shirazi	Kathryn Rogers
Emma Kirk	Cathy Russell
Elaine Lashley	Helen Sakano De Sousa
Sarah Laverick	Andrew Scott-Greener
Steven Leask	Jonathan Seebacher
Karen Leightley	Grant Sellars
Alan Love	Paul Senior
David Maciver	Robin Stockill
Shirley McLean	Paul Swarbrick
Chris Malcolm	Glenn Tate
Elizabeth Mason	Lee Taylor
Stewart McKenna	Thomas Taylor
Patrick McMahon	David Thompson
Kathryn Melia	Loraine Thompson
Mike Melia	Mark Thompson
Paul Milner	David Thornton
George Mokhtar	Joshua Treverton
Matthew Morris	Norma Vinton
Gordon Murray	David Walton
Lucie Murray	Lauren Wedderburn
Jennifer Nicholson-Taylor	Ben White
Antony O'Connor	Keith Wilde
David Parfitt	Paul Willetts
Laurice Peverett	Elly Williams
Stacey Phillips	Robert Wilson
Mircea Popa	Richard Wise
Christopher Rayson	Aaron Young

www.ryderarchitecture.com