EDUCATION

Peregrine Mears
CHARTERED ARCHITECTS

OUR PRACTICE

Our practice, Peregrine Mears Architects, was established in 2004 and has developed a reputation for finding innovative design solutions that respond imaginatively to the individual requirements of the client brief and setting. We are driven by a desire to create inspirational spaces in which to live, learn and work.

- Peregrine Mears Architects is a medium-sized Devon based practice, small enough to offer a personal service tailored to specific project needs, yet large enough to be able to resource and undertake substantial schemes.
- We offer a wide range of services, from feasibility studies and masterplanning to full project management from conception to completion
- Our team has a thorough understanding of relevant regulations and guidance, including Building Bulletins, Sport England guidance, Building Regulations and BRE Green Guide.
- With bases in Exeter and Barnstaple, we cover the whole of the south west.
- Every project is a unique design solution to suit the location and the brief.
- A good project starts with a clear brief. We spend time with our clients at the outset of a project to understand, explore and define their needs.
- We listen, providing a sounding board for clients ideas, guiding and encouraging.
- We never stamp our personal tastes on your project, but find out what is important to you and provide good quality, professional advice to meet our clients aspirations.
- Sustainable, environmentally conscious design is a fundamental part of our design approach, led by our in-house Passivhaus Designer to achieve best practice for the delivery of low energy, healthy buildings.
- A combination of hand drawing, CAD and the latest 3D design and modelling technology is used to present information in a way that is easily understood.
- Larger projects are developed using BIM (Building Information Modelling) to coordinate fully with the design team.
- We have extensive experience of preparing for and hosting stakeholder and public consultation sessions, to foster an inclusive design process.

Interactive media pod for student run radio station at Petroc College

Sketch proposals for a wildlife reserve and education centre

Multi-purpose events building at RHS Rosemoor

AN INTRODUCTION TO PEREGRINE MEARS ARCHITECTS

Peregrine Mears
CHARTERED ARCHITECTS

THE PEOPLE

We are a medium-sized practice comprising a mix of qualified Architects, architectural assistants and architectural technicians. Our practice has worked on numerous projects in the education sector, ranging from small refurbishment projects to site masterplanning and significant new teaching buildings. In early 2017, Paul Cooper joined the practice to lead the education team, bringing extensive experience working on educational buildings, from nurseries to higher education in both the private and state sectors.

Experience within our practice includes:

- general teaching accommodation
- specialist classrooms (science, design technology, lecture theatres, ICT suites)
- libraries and learning resource areas
- school halls
- performing art centres, including music practice rooms and drama studios
- sports halls, gyms and fitness studios and associated changing areas
- indoor swimming pools and wet changing facilities
- art studios and galleries
- kitchens and dining facilities
- halls of residence

Across our practice there is a wealth of experience of working on different types of projects, from fast-track, small-scale refurbishment, to sensitive reordering and conservation of listed buildings, through to large new build projects.

We have a keen eye for design, from initial concept ideas through to the technical detail, with design flair backed up with a strong technical background. Through Continuing Professional Development (CPD), our team is always developing skills and specialisms, keeping abreast of current policy, regulations, products and good practice.

Our open plan office encourages discussion and peer review. Our rigorous process includes regular design sessions to test and develop ideas.

We are confident design team leaders, encouraging collaboration and coordination with other consultants from the outset of projects to secure the most effective design solutions.

THE TEAM

PEREGRINE MEARS
Director

ADAM KENT
Architect

LEWIS JOHNSON
Architectural Assistant

PAUL COOPER
Associate Director

DANIEL HUXTABLE
Architectural Technician

MICHAEL SMITH
Architectural Assistant

JAMES GOODWIN
Architectural Technician

RIBA Chartered Practice

AECB building knowledge

AN INTRODUCTION TO PEREGRINE MEARS ARCHITECTS

Peregrine Mears CHARTERED ARCHITECTS

APPROACH

Every brief, site and client is different, so our appointment and approach for every project is tailored to suit. Services can extend from feasibility studies and masterplanning, to full architectural services from concept to completion. With extensive experience in the sector, we can provide guidance on the best options for your buildings and site that will accord with local planning policy, current regulations and guidance and meet your requirements.

Our practice has no distinct practice style but instead takes pride in delivering unique solutions, tailored for each client and site. We aspire to find the best possible solution to the brief and deliver projects which exceed expectations.

COLLABORATION

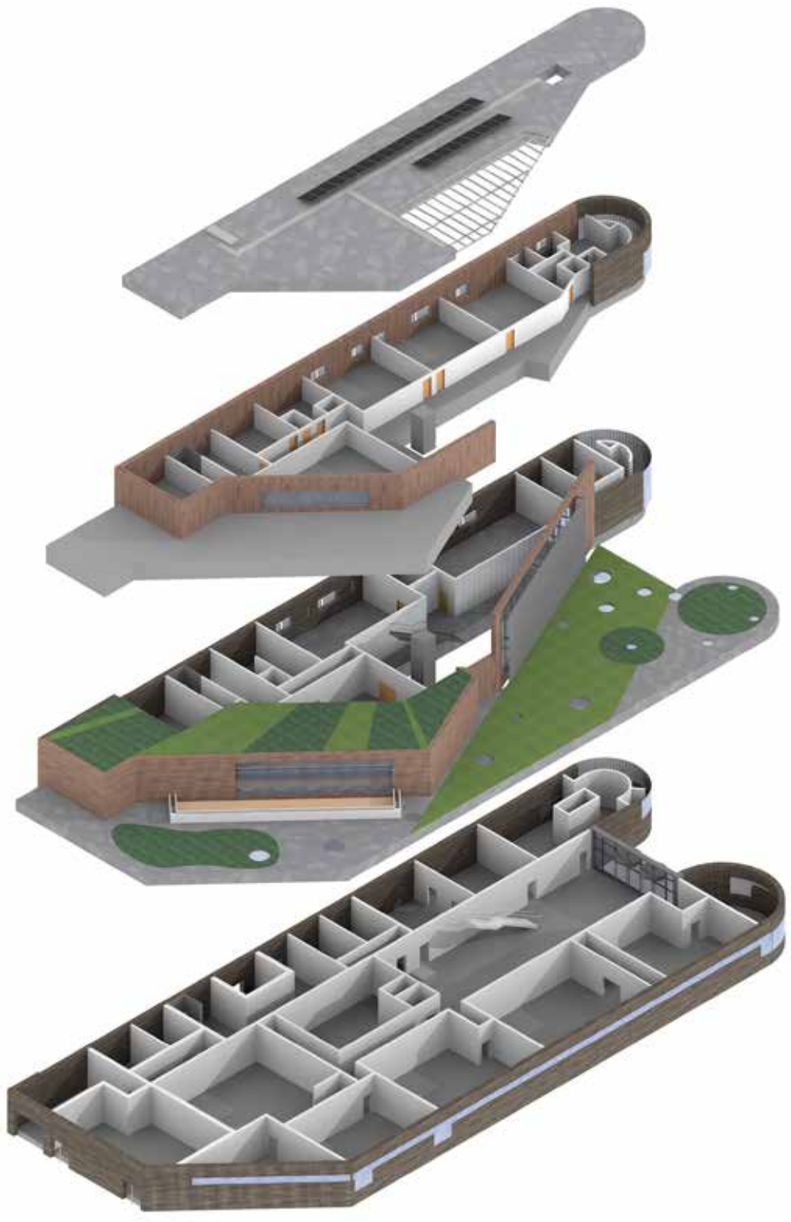
We will work with the client team to develop the brief, defining the goals and aspirations for the project. Our practice also encourages consultation with other stakeholders (teachers, administration staff, governors, premises team and where appropriate, students) throughout the design process to ensure all aspects of sites and buildings have been properly considered.

Depending on the size and scope of the project, our practice has a network of other consultants we can recommend to compliment a design team for the full delivery of a project. Work on all projects, especially sensitive buildings and sites, benefit from early, strategic input from a wider design team, ensuring all factors which could affect the design and delivery of a project are considered from the outset.

THE PROCESS

Our practice can provide guidance and assistance through all steps of the design and delivery process to suit the experience of the client. We provide clear programmes for design development, identifying what key client input is required and when, to ensure the smooth progression and delivery of projects.

The initial design process is covered in more detail on the following pages. Understanding that not all clients can read plans, the practice employs 3D modelling, both virtual computer and physical models, to assist with demonstrating and presenting ideas, ensuring everyone understands design proposals.



Exploded view of Lifestyle Building - Petroc College

TIMESCALES AND PROGRAMME

Timescales and completion dates are an important constraint for all clients, but especially in the education sector where large projects may need to be completed in time for a new academic year, or small projects may need to be carried out during a holiday period. We understand these time constraints and can assist with programming and procurement options to meet tight deadlines.

Our practice has experience of dealing with various funding bodies and can help with provision of information for applications to secure funding and subsequently assist with claiming those funds within any associated timeframes.

KNOWLEDGE

Our practice has a good working knowledge of the many regulations and sources of guidance applicable to school projects, such as the Building Bulletins suite of documents and Sport England guidance for courts, pitches and sports buildings.

We also specialises in the delivery of sustainable and low energy buildings, with experience of passivhaus design, building biology and delivering new buildings to the BREEAM standard, knowledge and skills they can bring to your project.

Our team has experience of working on sensitive buildings and sites, including Grade I and II* listed buildings and sites in or close to conservation areas, Sites of Special Scientific Interest, Areas of Outstanding Natural Beauty and National Parks.

EDUCATION

Our practice has a strong affinity with education. Perry, our Managing Director, has first hand experience in lecturing at FE and HE level. This has given him a comprehensive understanding of how the physical teaching and learning environments can have positive impacts on learning outcomes and the experience students have whilst in education.

Our practice has a programme for taking on apprentices undertaking the 'Construction and the Built Environment' course at Exeter College, offering an opportunity for the next generation of designers and technicians to gain practice experience under the guidance of their mentor. Every year, we also provide work experience for up to 4 students, giving an insight into the profession over the course of a week.

WORKING WITH PEREGRINE MEARS ARCHITECTS

Peregrine Mears
CHARTERED ARCHITECTS

MODERN METHODS OF CONSTRUCTION

Our practice always seeks to provide clients with the most relevant and suitable form of construction to suit their needs. Clients may be constrained by cost, the surrounding context, speed of construction or various other aspect. When the brief is formulated, we will develop a sense of what the project's key requirements might be, thus informing these aspects early on.

We have first hand experience of traditional masonry cavity wall construction, on-site timber frame construction, off-site timber frame construction, Structural Insulated Panel (SIPs) and various rainscreen cladding systems. Modular systems for en suites have also been used on student and hotel accommodation.

Other systems which the practice has investigated through Continuing Professional Development (CPD) and site visits include:

- Cross-laminated timber (CLT)
- Flying factories for local off-site fabrication
- Thin joint clay block construction
- Modular systems for WCs, shower rooms, bathrooms etc.

HEALTHY AND LOW ENERGY BUILDINGS

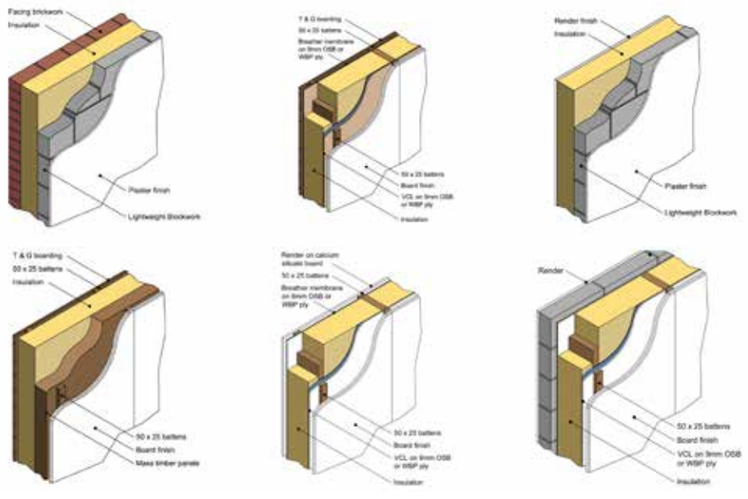
Our practice understands the significance of the creation of new buildings. They have a considerable impact on the environment, with respect to the site on which they sit and also the materials and energy the buildings use during construction and operation. Buildings also have an effect on those who use them. It is essential this is properly considered in the education sector where spaces are key to stimulating imagination, growth and positive attitudes towards learning. Effects go beyond the visual, with temperatures, humidity and CO2 levels all effecting comfort and concentration.

We have extensive experience of the use of natural materials in construction, initially for sensitive refurbishment of older buildings, but now for the delivery of new, healthy buildings. Natural and breathable materials, such as cellulose insulation, clay plasters and breathable paint are used when possible to improve indoor air quality and passively manage humidity levels within buildings.

Our practice approach to building design is fabric first, getting the building envelope right and so minimising energy use, a passive benefit which will last with the building. Technologies for micro-generation or energy management are only considered after all opportunities to reduce energy use have been exhausted.

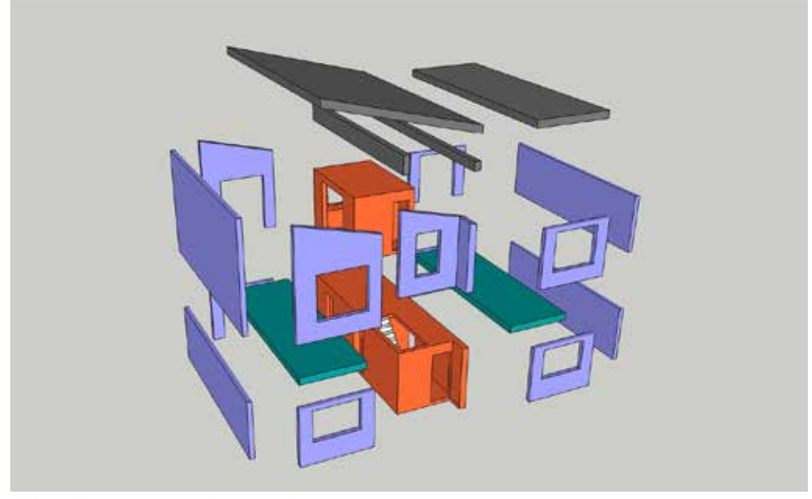
Off-site fabrication used on a primary school extension to minimise time on site

Halls of residence utilising timber framed construction and pre-fabricated en suite pods



Wall type studies

Off-grid dwelling, where minimising energy use was a key design element



Off site fabrication study for eco lodges

INNOVATION IN CONSTRUCTION

Peregrine Mears
CHARTERED ARCHITECTS

GETTING STARTED

Precedent studies

Examples of similar projects are reviewed to see what has been successful, and what less so. The case studies are reviewed to help develop the brief.

Configuration of spaces

Through space relationship diagrams we can test different options for arranging the building. We can establish a hierarchy of relationships, which spaces must be adjoining, which have more flexibility in location.

Site analysis and strategy

Site characteristics influence the locating of new buildings. Opportunities are identified and tested to determine the best strategy for the site, taking on board existing features, views, neighbours, construction process and environmental conditions.

OPTION STUDIES

Building strategies

Taking the relationship diagrams, areas brief and site strategy, a strategy can be developed for the building. Sustainability issues will be considered as these can influence arrangement of spaces and orientation.

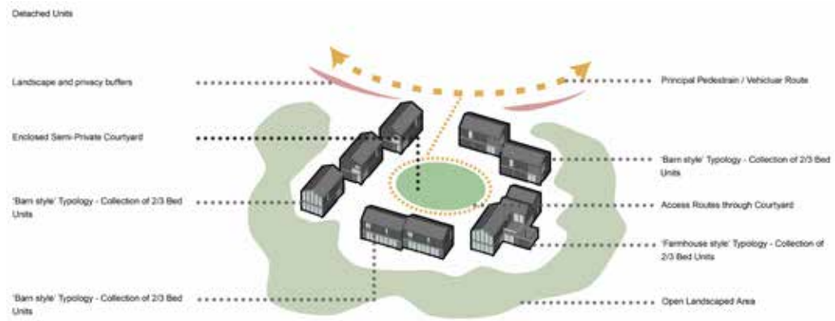
Plan options

From the strategy, plan options will be prepared to review, test and refine. At this stage, a wider consultation can be held to get feedback from all stakeholders. From this process a clear direction for the development will be identified.

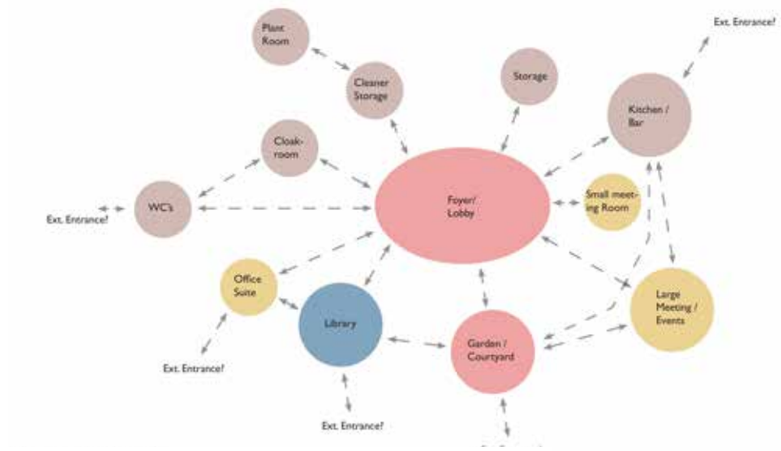
Cardboard models

Cardboard models can supplement the sketch plan arrangements to give a flavour of the building form. These will vary in style to explore ideas. The preferred direction is often a combination of different options.

Precedent studies

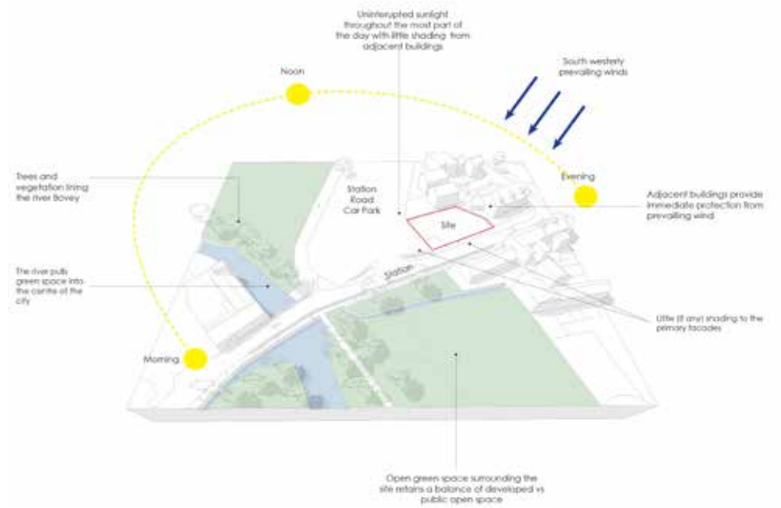


Building strategies

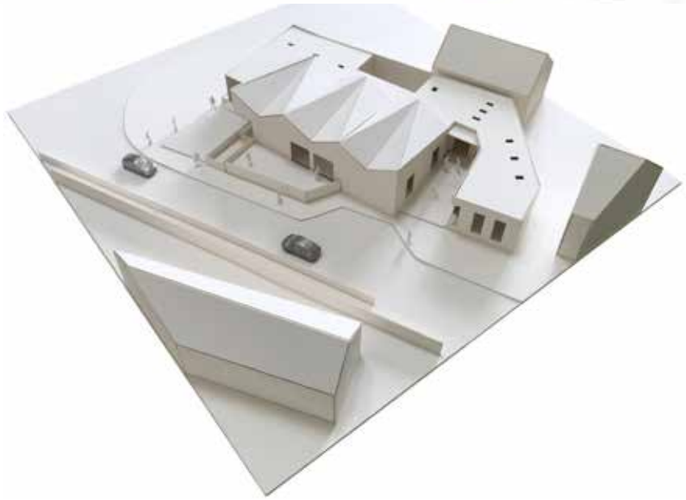


Relationship diagrams

Plan options



Site analysis



Cardboard models

DESIGN PROCESS

Peregrine Mears
CHARTERED ARCHITECTS

DESIGN DEVELOPMENT

Design Development

Sketch elevations

Once a clear direction is established, sketches are still a quick method of investigating the form of the building, including material choices and roof scape.

3D sketches and modelling

Computer modelling allows us to generate accurate 3D views, and can also be used for walk-throughs, giving you an early glimpse of what it could be like to be in your completed building. 3D views are easier to read for most people, they can help give a sense of the scale of proposed buildings on the site and the relationship to existing site features. Exploded 3D views are a helpful way of explaining layouts.

FINALISING THE DESIGN

Photomontages

3D renderings from computer models can be overlayed on photographs from the site to give a appreciation of the proposed buildings in context. These can be useful for consultation with the local community,

Coloured elevations & 3D Views

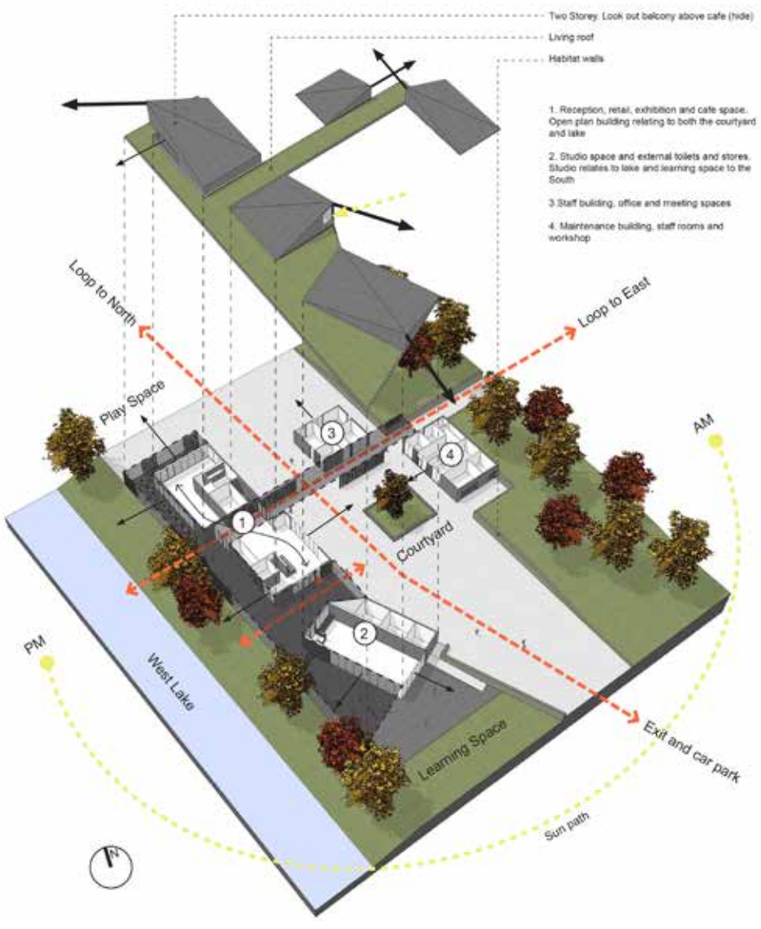
Once the design has been refined and agreed, coloured elevations can be prepared for the planning application. These, together interior and exterior 3D views can be useful for publicity and fundraising.

Consultation

Consultation is at the heart of the design process. Involving you, the client, those who will use the building, neighbours, the local authority and statutory consultees, amongst others, will ensure you get a building that meets your requirements and hopefully surpasses expectations.

Sketch elevations and views

Exterior photomontages



3D models and exploded views

Interior photomontages

Public consultation

DESIGN PROCESS

Peregrine Mears CHARTERED ARCHITECTS

PEREGRINE MEARS
DIRECTOR

DATE OF BIRTH: 25/02/1968

NATIONALITY: British

QUALIFICATIONS:
RIBA Chartered Architect (no. 9082110)
ARB Registered Architect (no. 073162E)

EDUCATION:
RIBA Conservation Training Course (2013)
Advanced Diploma in Professional Practice - RIBA Part 3
(RIBA NW Region - 2004)
Diploma in Architecture - RIBA Part 2
(RIBA London / Oxford Brookes University - 2003)
Certificate in Architecture - RIBA Part 1
(RIBA London / Oxford Brookes University - 1999)
P.G.Cert. Ed (University of Plymouth - 2003)
HNC Building Studies (Exeter College - 1989)
ONC Building Studies (North Devon College - 1987)

EMPLOYMENT:
2004 -Present - Peregrine Mears Architects Ltd. - Founder / Director
1998 - 2004 - Freelance Technician / Assistant
1998 - 2004 - North Devon College - Lecturer in Construction
1997 - 1998 - RGP Architects - Technician
1996 - 1997 - Clive Jones Architects - Technician
1991 - 1995 - Freelance Technician
1988 - 1991 - Jonathan Rhind Architects - Technician
1984 - 1988 - Dyer Feesey Wickham Architects - Technician

ABOUT:
Our Practice Director began his career in 1984 and worked as an architectural technician for several local practices. Over the next 20 years, Perry gained a thorough grounding in the technical aspects of construction before going to qualify as a Chartered Architect. During that time he gained extensive experience of working on residential housing schemes and projects in the hotel and leisure sectors. In 2014, Perry's technical background has influenced the ethos of the practice he set up in 2004, in so much as 'build-ability' is an integral aspect of the practices design approach. That and a genuine passion for design and the value good architecture can add to society.

Visualisations for the proposed engineering building at Petroc

EXPERIENCE:

Lifestyle Building, Petroc College, Barnstaple. - £5.5m
Following the successful completion of four previous projects for Petroc, Peregrine lead the practice's bid for the Feasibility and Concept Design work for this prestigious project at the college's main Barnstaple Campus in the summer of 2013.The appointment was then extended to cover full scheme design which was completed within a very tight programme.

Engineering Facility, Petroc College, Barnstaple - £2.1m
Peregrine ensured that the project stages were kept within the tight time frame. Through concise planning and leadership, it enabled the Engineering Building to open in September 2015 ready for the academic year ahead.

Petroc College - Various projects
Aside from the two key buildings noted above, the practice has worked on 7 other projects at Petroc's Barnstaple and Tiverton campuses. Peregrine was the key liaison between the estate manager / Directorship other consultants and external bodies

Waterside, Cornwall - Masterplanning and full design for redevelopment of holiday resort - £30m - 2017 onwards
The practice has been working with new owners for a holiday park near Bodmin to develop a new masterplan for 200 acre site, including the design of new eco lodges, swimming pools, a gym, a spa, outdoor sports pitches, restaurants and an hotel. Planning the development of a large site like this with a range of different buildings and activities has much in common to planning a school or college campus.

Masterplan for Waterside, Cornwall

The completed Engineering building at Petroc

Visual;isation of the main plaza at Waterside, Cornwall

Site model for Petroc, including the proposed Lifestyle and Engineering buildings

CURRICULUM VITAE

Peregrine Mears
CHARTERED ARCHITECTS

PAUL COOPER
ASSOCIATE DIRECTOR

DATE OF BIRTH: 23/09/1973

NATIONALITY: British

QUALIFICATIONS: RIBA Chartered Architect (no. 10902412)
ARB Registered Architect (no. 068418J)
Certified Passivhaus Designer

EDUCATION:
WUFI Pro Heat and Moisture Workshop
(Green Register Workshop, London 2015)
Thermal Bridging Workshop (Therm software)
(AECB Carbonlite course, London 2014)
Certified Passivhaus Designer
(BRE Watford 2013)
BREEAM Accredited Professional (not currently registered)
(BRE Watford 2010)
Examination in Professional Practice - RIBA Part 3
(Oxford Brookes University - 2003)
Diploma in Architecture - RIBA Part 2
(Oxford Brookes University - 2002)
Diploma in Built Resource Studies (distinction)
(Oxford Brookes University - 2002)
BSc (hons) in General Architectural Studies - RIBA Part 1
(University of Bath - 1997)
A levels in Maths, Physics and Art

EMPLOYMENT:
2017 - Present - Peregrine Mears Architects Ltd. - Associate Director
2007 - 2017 - TSH Architects, Oxford - Associate Director
1995 - 2007 - Acanthus Clews Architects, Oxford - Architectural Assistant to Senior Architect

ABOUT:

Paul joined the practice in early 2017 to head up our Education team after working for 22 years in Oxford primarily on, education, residential and conservation projects. As well as being a Chartered Architect, Paul has developed a particular interest and expertise in sustainability and low energy architecture and construction, qualifying as a BREEAM Accredited Professional in 2010 and becoming a Certified Passivhaus Designer in 2013.

Paul has worked on numerous education projects for both private and state sectors, from pre-school/ nursery to further education, including working with a number of schools and colleges on successful funding bids. Projects have ranged in value from £20k refurbishments to multi-million pound new builds. Paul's experience includes sports halls, performing arts centres, artist and DT studios, specialist science classrooms, libraries, nursery classrooms and playgrounds, school halls and student accommodation.

EXPERIENCE:

St. Hilda's College, Oxford - £3.0m

The refurbishment and extension of existing student accommodation for the Oxford St. Hilda's College. The site is located in one of the Oxford conservation areas, so the contemporary extension required careful consideration to meet the satisfaction of the client and planning authority. Paul was responsible for leading the project from concept to planning and conservation area approval.

Princes Risborough School, Princes Risborough - £2.4m

A new 5 court community sports centre, including gym, dance studio and terrace café. The design of the sports hall driven by the inclusion of specialist cricket training facilities which required specialist lighting and netting. Paul was responsible for taking the project from planning to completion.

St. Anne's Catholic Primary School, Solihull - £5.8m

A new primary school in Solihull which formed part of the North Solihull Regeneration Programme. The 420 pupil school adopted a passive, low energy approach to design and construction. Classrooms are arranged around a large, communal resource area, minimising circulation space and maximising flexibility. Paul was responsible for this project from concept to completion.

Abbot's Hill School, Hemel Hempstead - £2.2m

A major project to construct the Dame Kelly Holmes Sports Centre, including a 4 court hall, sports science teaching spaces and fitness studio. The existing gymnasium was refurbished to form the new Centre for Performing Arts, including the Judi Dench Theatre, music practice rooms and drama studios. The space between the two parts of the building is used as a gallery and exhibition space. Paul was responsible for this project from concept to completion.

New primary school for St. Anne's, Solihull

Gymnasium converted to Performing Arts Centre at Abbot's Hill School, Hemel Hempstead

New school hall for Our Lady's, Abingdon

A gallery at Chenderit School, Middleton Cheney, Oxfordshire

CURRICULUM VITAE

Peregrine Mears
CHARTERED ARCHITECTS

DETAILS

LOCATION:	North Devon
CONSTRUCTION VALUE:	£5.5 million
STATUS:	Completed June 2016
STAGE OF INVOLVEMENT:	Project Architects Stages 1-3

PROJECT SUMMARY

We were delighted to win a major commission in 2013 to design two new buildings for Petroc at their Barnstaple campus. The project involved two elements: the first being the demolition of a 1950's building which housed heavy engineering machinery. This was long past its sell by date and was replaced with the new Lifestyle Building which provides a new centre for vocational based learning, including hair & beauty, catering, leisure and tourism. Many courses within this curriculum area involve students having direct interaction with members of the public to create as real an educational experience as possible and prepare students for working life.

We were appointed to undertake a feasibility study in July 2013 and then developed a detailed design proposal for the scheme. Working closely with the Local Planning Authority at the pre-planning stage and engaging with staff and the local community full planning approval was achieved within the 13 week deadline - despite the project being a major application and on a highly visible site. Critically this meant that Petroc met their deadline for funding enabling the project to go ahead.

The elevated location gives far reaching views from the upper floors

The curved forms guides visitors to the main atrium entrance

The atrium prior to occupation, and furnished

The atrium provides a focal point and orientation for building users

LIFESTYLE BUILDING AT PETROC COLLEGE

Peregrine Mears
CHARTERED ARCHITECTS

DETAILS

LOCATION:	North Devon
CONSTRUCTION VALUE:	£2.1 million
STATUS:	Completed September 2015
STAGE OF INVOLVEMENT:	Project Architects Stages 1-3

PROJECT SUMMARY

The second part of this project was to relocate engineering services within a new building linked to the existing automotive workshop. Again, the primary need was to provide high quality teaching and learning spaces and ensure that students' experience at college is as relevant as possible to the work environment.

The Engineering Building was designed to celebrate the subject areas, with a focus on the use of technology in engineering. The building has a more prominent position on the campus as a result with a large double height glazed atrium on the front facade, giving engineering a higher profile.

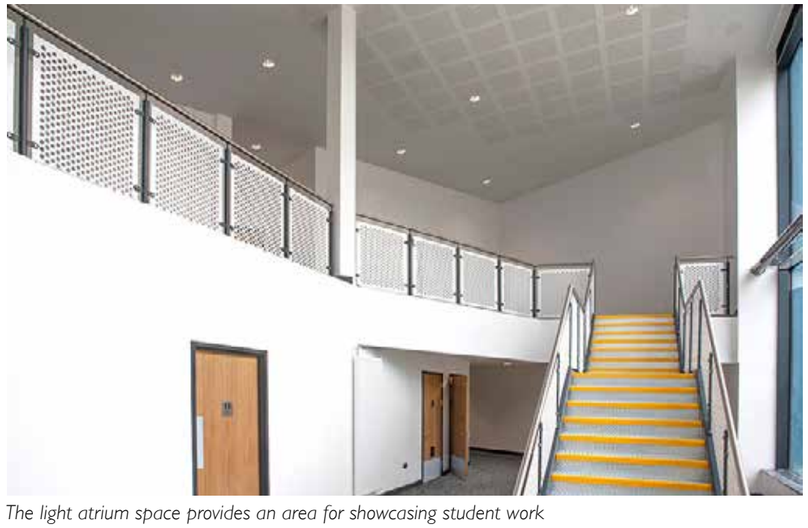
There are a range of learning spaces, from traditional classrooms to electronic engineering suites to heavy engineering workshops, all equipped with the latest machinery to ensure teaching keeps abreast of changes in industry. Externally the natural contours of the ground have been utilised to create a terraced amphitheatre / concourse for students to spread out on.

"Thanks for all your team's hard work. What a result for Petroc and the local community."
Neil Hookway, Director of Resources, Petroc

Courtyard approach to the main entrance

One of the engineering workshops

The double height atrium space is presented to the main campus



The light atrium space provides an area for showcasing student work

ENGINEERING BUILDING AT PETROC COLLEGE

Peregrine Mears
CHARTERED ARCHITECTS

DETAILS

LOCATION:	North Devon
CONSTRUCTION VALUE:	Variable
STATUS:	Complete
STAGE OF INVOLVEMENT:	Variable

PROJECT SUMMARY

Peregrine Mears Architects have developed a good relationship with Petroc College and have successfully completed a number of projects aside from the Lifestyle and Engineering Buildings noted previously.

The Liberty Centre is a venue to develop employability and independent living among students with learning difficulties or disabilities. Owing to funding criteria this project needed to be delivered on a very tight timescale. The 400m^2 facility was commissioned and opened only 8 months after the practice was appointed to the project. Off-site fabrication was used to minimise the construction time on site.

The new fitness studio at Petroc College creatively used space over a single storey gym, providing the facility required without extending the building footprint. A light, airy space was created, with large windows to each end and a series of rooflights.

Other projects have included interior design for the Study Centre and Entrance Foyer. The Study Centre included detailed design for the acoustic panels required to achieve compliance with Building Bulletin 93 - acoustic design for schools.

Visualisation for the refurbished Entrance Foyer

The completed refurbishment of the Entrance Foyer

Visualisation for the refurbished Study Centre, with new suspended acoustic panels

The completed refurbishment of the Study Centre

The Liberty Centre, Petroc College, Barnstaple

Approach to The Liberty Centre

Entrance to the Gym and Fitness Studio

Model of the extension and recladding of the existing sports hall

VARIOUS PROJECTS AT PETROC COLLEGE

Peregrine Mears
CHARTERED ARCHITECTS

DETAILS

LOCATION: Ashford, North Devon
CONSTRUCTION VALUE: £0.45 million
STATUS: Complete April 2014
STAGE OF INVOLVEMENT: Project Architect Stages 3-6.

PROJECT SUMMARY

Peregrine Mears Architects were approached to provide a new building to replace two temporary classrooms for a thriving rural nursery. The 280m2 facility includes two classrooms, staff room, kitchen, WC's, stores, outdoor play spaces and forest school.

Designed as a 'healthy building' utilising natural lighting and ventilation, the building also uses non hazardous finishes providing safer, healthier environments for the occupants.

Vibrant colourful spaces were chosen to stimulate young minds and promote learning with play. The spaces and fixed equipment was designed to be of a scale appropriate to young children, to be welcoming and not intimidating.

The form and external appearance of the building is meant to respond to the rural farmland setting it sits within. This is assisted by the natural timber cladding to the exterior and a grass roof covering.

Looking up at the Nursery and the fenced playground

Approaching the main entrance

Colourful internal corridor

Classroom

NEW CLASSROOM BLOCK FOR SPRINGFIELD NURSERY

Peregrine Mears
CHARTERED ARCHITECTS

DETAILS

LOCATION: Devon
CONSTRUCTION VALUE: £1.2 million
STATUS: Complete
STAGE OF INVOLVEMENT: Full Architects Services

PROJECT SUMMARY

The commission for this building for the Royal Horticultural Society (RHS) was won following an invited competition. Replacing a temporary marquee, the new building provides a flexible, multi-purpose venue, capable of hosting lectures, concerts, weddings and more. A simple form and low maintenance external materials meant that the building could be built for what was a very tight budget.

The large, mono-pitch roof falls with the existing site contours, allowing it to enclose a cavernous hall, while presenting a modest single storey elevation overlooking the existing gardens. The choice of materials reflect the high quality of the gardens and result in a building which feels like it has always been there.

Careful attention was paid to the lighting, acoustics and circulation to maximise the flexibility of the building. A sliding / folding wall allows the main hall to be subdivided to host two different events on occasions. Multiple sets of sliding doors give access to a terrace which provides a useful break out space on dry days, with views over the gardens.

View of the Garden Room across the courtyard

Bi-folding doors open up to the elevated terrace, giving views across the gardens

The main hall set up for a presentation

Views up to the terrace and Garden Room from the gardens

THE GARDEN ROOM, EVENTS BUILDING FOR RHS ROSEMOOR

Peregrine Mears
CHARTERED ARCHITECTS

DETAILS

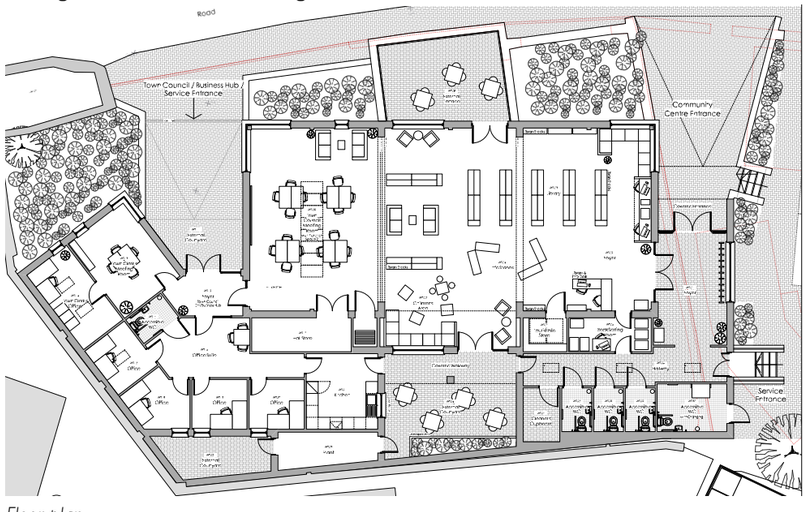
LOCATION: Devon
CONSTRUCTION VALUE: £1.0 million
STATUS: Tender
STAGE OF INVOLVEMENT: Full Architects Services

PROJECT SUMMARY

Peregrine Mears Architects won this commission following a national open competition. Our understanding of the complexities of the brief, design ideas and clear committment to working closely with the client team was instrumental to winning the project.

The site for this project hasn't been without its challenges. It is located in the town's Conservation Area, it affects the setting of two listed buildings, it is within a flood zone and is on a site of archaeological interest. The client had big aspirations for a tight site but we rose to the challenge and have designed a community building to accommodate the Town Library, Information Centre, business enterprise offices, Town Council offices and meeting chamber.

Accommodating so many uses under one roof required a creative approach to balance the different users needs, sharing as many resources as possible to optimise the building footprint. With regular steering group meetings and workshops with building users, the practice was able to develop proposals which had the support of all parties. Careful consideration of circulation and access control and use of sliding/ folding walls means the building can host a multitude of events and activities.



Floor plan

A photomontage of the proposed building

Sectional elevation of the main hall

LIBRARY AND INFORMATION CENTRE, BOVEY TRACEY

Peregrine Mears CHARTERED ARCHITECTS

MASTERPLANNING

Our practice has developed masterplans for sites across different sectors, including education. Producing a long term strategy for a site and generating a masterplan will ensure the position and phasing of each individual building is considered within the whole and does not compromise future development.

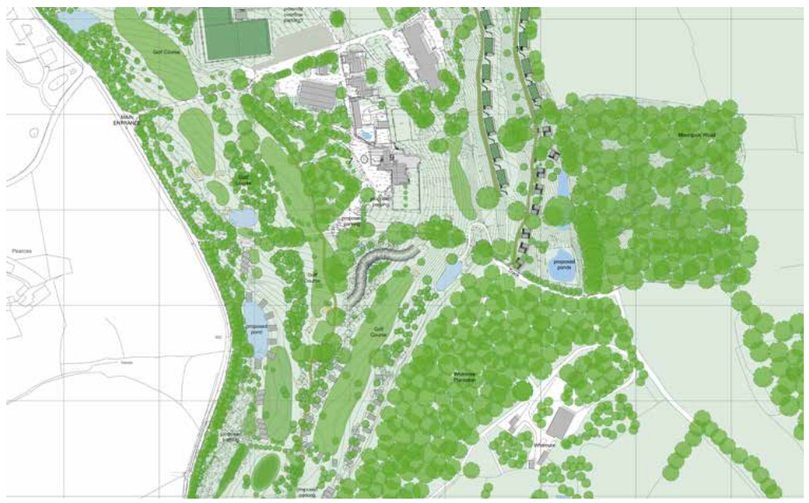
Most school sites, unless completely new developments, will need to continue to operate while construction projects are undertaken. As part of the masterplanning exercise, site access, circulation and construction compounds are considered to find solutions which create the least disruption to the daily life of the school.

Masterplanning ensures potential areas for construction are not landlocked and gives a considered basis to test development proposals against.

Masterplan computer model for Waterside, Cornwall

Masterplan for Waterside Cornwall

Model of the Petroc Barnstaple Main Campus showing context for proposed buildings



Masterplan for Highbullen Hotel

Terrain model for Highbullen Hotel

Peregrine Mears
CHARTERED ARCHITECTS

SPORT AND LEISURE DEVELOPMENTS

Our team at Peregrine Mears Architects has extensive experience of designing and delivering buildings and spaces for sport and leisure, from small pavilions to multi-court sports halls and 6 lane swimming pools.

Multi-court sports halls have varied from 3 to 5 courts in size, with one incorporating indoor cricket nets which required consultation with the English Cricket Board on top of the usual reference to Sport England guidance. Another hall was used for indoor lacrosse practice which brought it's own technical challenges.

Other sport accommodation has included dance and fitness studios, gyms, and sports science classrooms. External sports have included grass pitches for rugby, football, hockey and lacrosse, hard courts for tennis and netball and artificial pitches for football, rugby and hockey.

Along with the sports facilities, the associated changing areas are key to the success of such buildings, particularly in the school environment where you have large numbers changing at the same time. This requires careful planning for access and egress to avoid congestion, with plant areas and services capable of delivering the high peak demands.

Schools are increasingly letting their sports venues to community users, so the location of the buildings and access to car parks are also a consideration, to maximise the revenue opportunity.

Sports facilities at Waterside Cornwall, including 25m swimming pool, 2 court sports hall and climbing barn

5 Court Sports Hall at Princes Risborough School (Paul Cooper with TSH Architects)

Community sports pavilion in North Devon

Tennis courts and pavilion at Highbullen

SPORT AND LEISURE

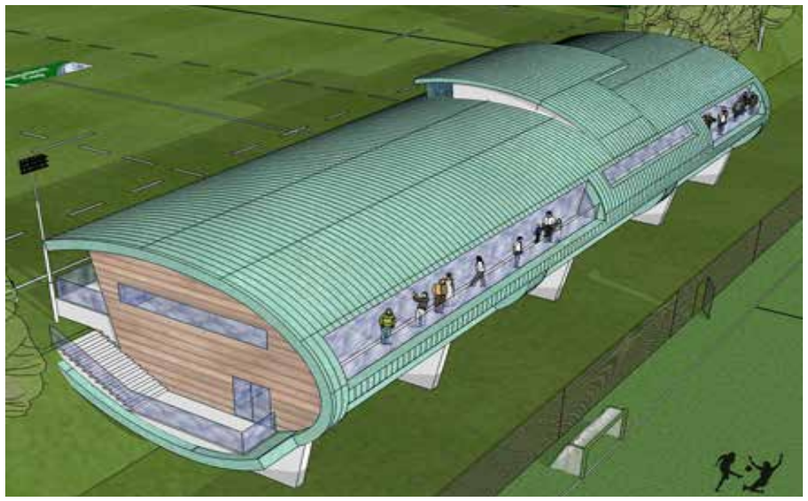
Peregrine Mears
CHARTERED ARCHITECTS

A SUMMARY OF HOW WE CAN HELP YOU...

- We offer a personal service tailored to specific project needs, yet large enough to be able to resource and undertake substantial schemes.
- We truly value education, at all stages, for the benefits it brings to individuals and society as a whole.
- We have first hand teaching experience so are uniquely placed to understand the needs of teachers and learners.
- We understand how the quality of the physical teaching and learning environment can impact on learning outcomes.
- We realise that you have to continually market your organisation to prospective parents, so need to demonstrate a continual improvement in the physical buildings / environment on your site.
- We are conversant with the relevant regulations and guidance affecting the eduction sector, notably Building Bulletins, but also Building Regulations, Sport England guidance and the BRE Green Guide.
- We can help prepare funding bids to the Education and Skills Funding Agency, other funding organisations and submissions to private benefactors. We can usually work within the tight deadlines that these processes often entail.
- We understand the absolute need to keep your nursery, school or college open so work to reduce the impact on students and staff during the build phase.
- We spend time with our clients at the outset of a project to understand, explore and define their needs properly. This reduces change and delay further down the line, giving the best chance of delivering the project within time and fiscal constraints.
- We find out what is important to you and provide good quality, professional advice to meet our clients aspirations.
- We have lots of relevant experiance delivering education projects at nursery, primary, secondary and FE/HE level.
- We can provide as much or as little help as you need - sometimes that may be just conceptual designs and illustrations to kickstart a project, right through to full design and management of a project, handing over the keys to you at completion!
- We love what we do and would relish the chance to use our imagination and experience to benefit your organisation.

Aerial View of Masterplan for Petroc Barnstaple Main Campus

Artist's Impression for re-cladding of 1960's Teaching Block for funding bid



Design for a new Rugby Clubhouse

CONCLUSION

Peregrine Mears
CHARTERED ARCHITECTS

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