



# All systems Calibro

We're ready to get your  
developments over the line

Transport Planning | Flood Risk & Hydrology | Infrastructure & Drainage



**Calibro is a specialist infrastructure planning consultancy of experienced and highly qualified transport planners, flood risk, infrastructure and drainage engineers.**

We drive projects forward across a number of different sectors, solving problems and targeting solutions that take in the bigger picture.

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Calibro go much further than just the basic service. It's not just drawing a plan – they are committed to resolving things for you.

GARETH HOOPER, DPP



# Let's make your plan a reality

**Calibro will support you in ensuring your transport, flood risk and drainage plans are approved fast, and with minimal commercial disruption.**

Our clients don't just come to us because we have the right tools to do the job. We also bring the expertise and enthusiasm to excel at the task in front of us. We're keen listeners and respond to the exact needs of our clients.

We pride ourselves not only on our technical knowledge, but on our ability to present proposals that are straightforward

to understand and approve, leaving unnecessary technical jargon behind. It means decision makers are able to make sensible, informed and quick decisions thanks to clear, graphical and visual information. You can rely on our insight and experience to mitigate any potential issues and deliver the confidence to move forward.



## OUR SERVICES

# Transport Planning

We provide the complete suite of development planning services, whether assessing previously developed land or new prospective developments.

From feasibility studies and concept design to expert witness services and detailed construction design, our clients value our commercial awareness, combined with the ability to negotiate planning conditions and obligations.

### Detailed assessment to move forward

We are often called upon at pre-acquisition stage to support the identification of strategic land, and offer feasibility and due diligence advice. We also support the promotion of sites through the Local Plan process, not least because of our market leading approach to measuring transport related sustainability.

Often this is followed by detailed input into the development of a commercially deliverable masterplan and robust technical assessment of traffic impacts; by way of a transport assessment, transport statement or environmental statement, in support of a planning application.

We recognise the importance of good design. We work hand-in-hand with our internal Infrastructure & Drainage and Flood Risk teams to ensure that our engineering solutions are able to balance the need to create quality, new places with local distinctiveness; but which are also based on sound engineering principles that can move swiftly through the adoption process.



## COMPREHENSIVE SERVICES AND ANALYSIS

- ▶ Feasibility studies /due diligence
- ▶ Local Plan promotion
- ▶ Transport Assessments and Transport Statements
- ▶ Accessibility audits and Accessibility Statements
- ▶ Traffic Management Plans
- ▶ Masterplan inputs and swept path analysis
- ▶ Travel Plans and Travel Plan Coordinator services
- ▶ Environmental Impact Assessments (EIA)
- ▶ Junction and network capacity modelling
- ▶ Public engagement / stakeholder consultation
- ▶ Discharge of Conditions
- ▶ Car park capacity studies
- ▶ Expert witness



We're trusted partners in creating value

For more detail on our Transport Planning services, get in touch:

**0117 2441 970**

✉ [transport@calibro-consultants.com](mailto:transport@calibro-consultants.com)

🏠 [calibro-consultants.com/transport](https://calibro-consultants.com/transport)



## OUR SERVICES

# Infrastructure & Drainage

We provide comprehensive infrastructure planning and drainage services that are focused on providing practical support and delivering straightforward solutions through the planning and technical approval process.

Whether working to provide early-stage due diligence advice, supporting planning applications or preparing detailed construction designs, our focus is always to identify simple, effective and economical solutions that enable swift approval.

### A genuinely integrated service

Our in-depth expertise and experience in infrastructure engineering goes from preliminary design advice at the very earliest stages of development, to the preparation of detailed construction documents in support of various Section Agreements and on-site supervision. A genuinely integrated service.

With this seamless approach we're able to identify solutions at any stage of the

development process and be certain that they can be delivered in the simplest, most cost-effective way possible.

### Every angle covered

Where necessary, we also provide full 3-dimensional modelling of the road structure and earthworks design to balance the cut and fill of soils; with the ultimate purpose of reducing potentially costly off-site disposal. Once the requisite technical approval has been secured from the Highway Authority or Drainage Authority, we can support the contract administration and tender evaluation process, and undertake pre-start meetings, on-site supervision and the preparation of as-built drawings.



## HIGH QUALITY ADVICE AND TECHNICAL KNOWLEDGE

- ▶ Preliminary design advice
- ▶ Masterplan inputs
- ▶ 3-D ground modelling (cut and fill)
- ▶ Highway Section 38 and Section 278 Approvals
- ▶ Drainage Section 104 & Section 106 Approvals
- ▶ Drainage Section 185  
Diversion Agreements
- ▶ Detailed storm and foul water network modelling
- ▶ Detailed private plot drainage and external levels  
design
- ▶ Soakaway, attenuation and infiltration design
- ▶ Welsh SuDS Approving Body (SAB) applications
- ▶ On-site supervision
- ▶ As-built drawings



**Delivery at  
every stage**

For more detail on our Infrastructure &  
Drainage Engineering services, get in touch:

**0117 2441 970**

✉ [infrastructure@calibro-consultants.com](mailto:infrastructure@calibro-consultants.com)

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## OUR SERVICES

# Flood Risk & Hydrology

**Our detailed understanding of hydrological process and modelling techniques means we can provide accurate, honest advice at any stage in the planning process.**

With instant access to the latest datasets and an in-depth understanding of how they are derived, we provide a refined appraisal of flood risk, whether it's from rivers, the sea, surface water or groundwater.

Where necessary, we can challenge existing information and carry out site-specific appraisals ranging from common sense arguments, drawing on recorded flood events, to detailed hydraulic modelling.

### Mitigating Risk

Where it's not possible to avoid risk entirely, we distinguish between theoretical risk, the risk taking account of defences and residual risk; in order to derive appropriate strategies for managing these risks through site and building design.

### Surface water drainage

We work collaboratively with external specialists to derive surface water drainage

strategies that integrate with and enhance site proposals and we work seamlessly with our in-house infrastructure team so that they are ready to make your plans a reality.

### Navigating the planning process

The requirements of approving bodies are becoming increasingly stringent. Our rigorous analysis and thorough understanding of the planning regime help minimise project risks and maximise development. We have extensive experience of working on complex sites with demanding consultees – and never shy away from a challenge.

### Beyond Compliance

We are passionate about water and love to work collaboratively with external and internal specialists to derive flood mitigation and surface water strategies that take in the bigger picture, and deliver additional biodiversity and amenity benefits.





## EXPERT INPUT AND ASSESSMENT

- ▶ Flood risk assessments
- ▶ Flood consequence assessments
- ▶ River and coastal flood modelling
- ▶ Surface water flood modelling
- ▶ Flood map challenges
- ▶ Analysis of recorded flood events
- ▶ Flood mitigation design
- ▶ Flood emergency management plans
- ▶ Surface water drainage strategies (SuDS)
- ▶ Pre-application engagement with statutory consultees and sewerage undertakers
- ▶ Expert witness

**We maximise opportunities through proportionate solutions**

For more detail on our Flood Risk & Hydrology services, get in touch:

**0117 2441 970**

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## SECTOR FOCUS

# Residential

### Asserting early influence

Clients often opt to involve us at the very earliest stages in their development projects. Our integrated service and expertise mean we can help to identify key obstacles and put in place the right strategies to overcome any issues.

### More involved to add value

Our advice is so useful that we're often involved in supporting clients' site-finding activities. We provide market leading accessibility modelling to identify 'off radar' sites that are inherently linked to the principles of sustainable development,

as required under the National Planning Policy Framework (NPPF) in England and Planning Policy Wales (PPW). We assess whether site flood risk is poorly defined, and where development will be significantly constrained by flood risk or the requirements for managing site drainage.

### Sustainability front of mind

We take a lead role in the masterplan process, ensuring that the proposed road and drainage proposals cost effectively enhance the place-making process, and reflect the principles of sustainability, quality design and placemaking.

### Committed to projects across the country

The schemes we're involved in range in size and complexity, starting with just a few dwellings with simple access and layout considerations; through to large, strategic, mixed-use schemes of 1,200+ dwellings, that require extensive modelling of the wider network and delivery of strategic infrastructure improvements.



## SECTOR FOCUS

# Renewables

### We're supporting a better future

Our team has extensive experience in supporting development for wind, solar and energy-from-waste projects throughout the UK. This includes large scale wind farms to single turbines; expansive solar schemes in areas of risk of flooding; municipal energy-from-waste developments with capacity to process 500,000 tonnes of waste each year, to small scale anaerobic digestion facilities.

### Applying a deeper understanding

As a corporate IEMA partner, we understand the specific legal requirements of environmental impact assessment and their nuances, along with the significance of getting this right from the outset. We also recognise that EIA is supposed to be accessible for members of the public; so we use our proven communication skills to explain the implications of development, helping to clear the way to getting the green light on proposals.



### Helping to deliver a green future

We work with some of the most recognisable renewable energy brands in the market. They have placed their trust in us and our solid engineering principles time after time on projects across the country.



## SECTOR FOCUS

# Leisure

### Advice and insight that make it happen

We know that every leisure venue is different – whether it be a proposal for a new campsite, gym or stadium, the specific operational requirements will differ. We get under the skin of all our schemes to ensure

we're able to determine the best technical solutions, and present them in an easy to understand way that gets the project over the line quickly.

### Designed for delivery

For us, the journey through the planning system is just the start. We ensure that fundamental engineering principles are ingrained within our solutions – even at planning stage – which ensures we can expedite the detailed design and approval stages, allowing contractors to get on site sooner.

### Our project diversity

We're highly experienced in the development of leisure venues across the UK, and are often advising on several exciting projects at the same time.



I like working with someone who can break it down. I can trust what they are saying.

NICOLA LEEK, CROUDACE



## SECTOR FOCUS

# Retail

### We're focused on commercial optimisation

We're a trusted partner for a number of regional and national developers, bringing an extensive knowledge of commercial development throughout the UK. We work on enabling a scheme to be commercially optimised, while also minimising the severity of associated traffic effects.

### Maximising trading opportunities

Our in-depth experience of retail developments means we understand the importance of maximising passing trade by acknowledging the relationship between the active retail frontages and the location of the various access points; how these might interact with SuDS drainage solutions or the risk of flooding.





We recognise that retail is a changing sector, and there is a clear need to treat these facilities as 'places' in their own right. We therefore draw on our technical expertise in support of wider commercial aspirations, while always being mindful of individual occupier requirements and maintenance efficiencies. More than ever, the retail sector demands a fresh way of thinking.

### Our in-depth planning support

Whether it's transport planning or highway design, flood risk assessments or drainage strategies, we understand and plan for the potential pitfalls by taking a lead role in helping to optimise the masterplan process. We support the planning process with diligent and robust evidence, and provide complete, accurate and cost-effective construction designs.



**Calibro's logical approach to seeing constraints as an opportunity assists in achieving a desirable solution that is communicated clearly and robustly to ensure the projects are driven forward successfully.**

ANDY CATTERMOLE,  
SENIOR PLANNING MANAGER, REDROW HOMES LTD

## SECTOR FOCUS

# Health & Wellbeing

### How we bring plans to life

Our team of experts has extensive experience of advising on all types of health and wellbeing facilities. We provide transport planning, highway, flood risk and drainage input across a range of developments, including:

- ▶ Primary and secondary schools
- ▶ GP surgeries and pharmacies
- ▶ Dental practices

### Thinking outside the box

We've been involved in a number of innovative and socially important projects. We're keen thinkers, and use the experience gained in other sectors to ensure that a commercial, predictable and straightforward approach is applied to health and wellbeing projects. We actively look for new and innovative ways to enhance value in our solutions, and always seek engagement with those who often know best – local charities, patients and the operators.



# We're with you all the way

High quality advice, transparent collaboration and clear presentation are behind the results we deliver. You'll always have a senior manager taking responsibility for the quality of our specialist advice, and we'll never offer low fees only to increase them at the first sign of trouble. Instead, we carry out a detailed technical appraisal of the project so that we can see the bigger picture, anticipate potential problems and propose a suitable strategy to mitigate the risks.

## Owning your challenges

Of course, problems will be encountered from time to time. But our senior managers will always thrive on the challenge. They take ownership and work tirelessly with internal and external colleagues, and are focused on finding the solutions to keep your project on track – and making the plan a reality.

▶ **Ready with all the support you need.**

▶ **Ready to drive your plans forward.**

▶ **Ready to think smarter, present clearly, inform decisions.**

▶ **Ready to help you get the green light on your development projects.**

**It's all systems Calibro**

Call us on  
**0117 2441 970**

Email us  
[hello@calibro-consultants.com](mailto:hello@calibro-consultants.com)

For more on our services, the sectors we work across and the latest news and developments, visit  
[calibro-consultants.com](http://calibro-consultants.com)

“

Trust in the advice is what formed the relationship. As a consultant, if you're in charge of picking the team, you only want the best.

DAVID BROWN,  
NEWSTEER REAL ESTATE ADVISORS

## No one works harder to get your developments over the line

Our combination of commitment and expertise is what makes this team different. We love what we do, thrive on solving complex problems and deliver tangible value. We'll take responsibility to drive your project

forward as if it were our own, because our own success is driven by yours. And you'll have the reassurance of all the support you need to get your developments over the line.



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