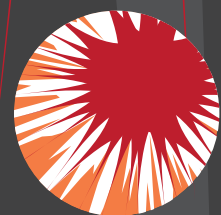


BDI
Structural Solutions



Sustainable Engineering Solutions

Practice Profile

What we are about...

**Excellent Engineering Solutions
Superior Service
Professional & Friendly Team**

What we do...

**Structural Design
Structural Surveys
Site Inspections
Geotechnical & Environmental Assessments
Building Insurance Claims**

How we work

We make sure that we fully appreciate all aspects of your project or property and ensure we provide thorough detailed reports & designs to ensure a successful outcome.

Why choose BDI

**Competitive
Practical
Timely
An Innovative Service**

Why clients keep coming back...

**Technical Expertise
Commercial Acumen
A Pro-Active Service**





Services

BDI professional services encompasses all Structural Engineering requirements for low-rise buildings.

Structural Design

We advise on all elements of structural design and provide details and drawings for construction and building regulation approval.

Our design service includes:

Project Service:

From concept to completion including: feasibility studies, site investigations, contaminated land assessments, detailed structural design & calculations, site inspections & certification. We generally work as part of the project team however can provide as much or as little input as you require.

Design Calculation Service:

The BDI design calculation service is ideally suited to small domestic extensions, loft conversions, cellar conversions and other domestic structural alterations.

BDI recognise that sometimes you may only require design calculations to ensure that a specific structural arrangement you have detailed is adequate and meets building regulation requirements.

Clients send BDI a copy of the drawings for review and full assessment of the structural input required.

Fixed quotation and timescale for completion is then returned.

Each project now includes CAD sketches and structural details as part of the calculations with guidance notes; making it easier for clients and builders to fully understand the requirements.

As an extra service for more complex projects we can obviously provide full working structural drawings.



Surveys

We offer both **Specific Defect Surveys** and **General Structural Inspections**.

Specific Defect Surveys are where we investigate a particular defect on a building that has already been identified, perhaps during a valuation or home buyers survey, or because the building owner has become concerned about some cracking or evidence of potential damage. These surveys focus on the cause of the defect and provide an opinion on the defect and recommend measures required for repair and remediation.

General Structural Inspections are surveys on all of a buildings structural elements and provide an opinion as to any structural defects present and the overall structural condition of the property.

BDI has an experienced team of **Structural Surveyors** who have extensive knowledge of structural surveys associated with house sales and purchases, commercial buildings, historical buildings and defects as a result of incidents such as fire, flood or impact damage.



Geotechnical & Environmental Assessments

Geotechnical Assessments include arranging and implementing site investigations to establish adequate data for structural foundation design.

Environmental Assessments include environmental desktop studies to establish previous land use from historical searches to form an initial opinion as to the likelihood of contamination on the site. Subsequent to the desktop study BDI can arrange a site investigation including soil sampling and laboratory testing to confirm or disprove opinions formed. The site investigation required in these instances is more complex and should establish level, types and degree of contamination; such that suitable remedial measures can be implemented.



Building Insurance Claims

BDI is experienced in the technical aspects of building insurance claims resulting from events such as fire, flood, impact damage, storm and foundation subsidence.

This service includes surveys and building inspections, technical advice, preparation of schedules of works, tendering of work & contract administration including inspecting and certifying the completion of repairs on site. BDI currently provides this service to a number of firms of Loss Adjustors across the North West region.

Commercial Acumen

We understand the commercial implications clients face and we provide innovative & practical engineering solutions that deliver the desired effect, whilst complying fully with all the relevant industry standards and codes of practice.

Sectors

We have a wide range of experience across many sectors including:-

- **Residential**
- **Retail**
- **Commercial**
- **Industrial**
- **Education**
- **Ecclesiastical**
- **Insurance**





What is consistent across all our work is our clear understanding of our client's brief, and our ability to deliver engineering solutions that work for the building, its occupants and for your budget!

Technology

BDI is a progressive consultancy and continually invests in software development to both improve productivity and our engineering service.

As standard we provide computerised design, drawing and detailing for all relevant projects. Providing professional, accurate and clear information for pricing and construction.

Construction Materials

BDI has experience of a wide range of building materials from traditional timber, masonry, steel and concrete to more innovative and energy efficient materials. We can provide advice and technical expertise about a wide range of materials and will research and design in your preferred materials as required.



Sustainability

BDI believes strongly in developing and implementing more sustainable solutions for clients.

Furthermore we are serious about reducing our own impact on the environment and every member of our team understands and works towards achieving our environmental goals.

We are already supporting clients to meet their eco-objectives designing effective sustainable engineering structures from the start.

At all times we consider reducing the use of materials, reusing existing elements and recycling to minimise waste and environmental impact.

In addition sustainable solutions often provide clients with additional re-sale benefits and reduced building cost, so looking after the environment can also cost developers less not more.

Client Portfolio

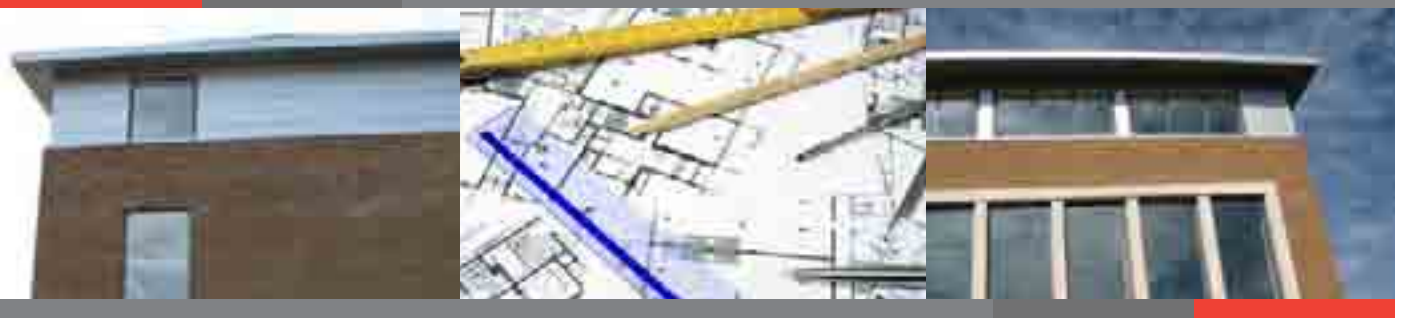
We have an extensive and varied client portfolio from home owners to national organisations including:

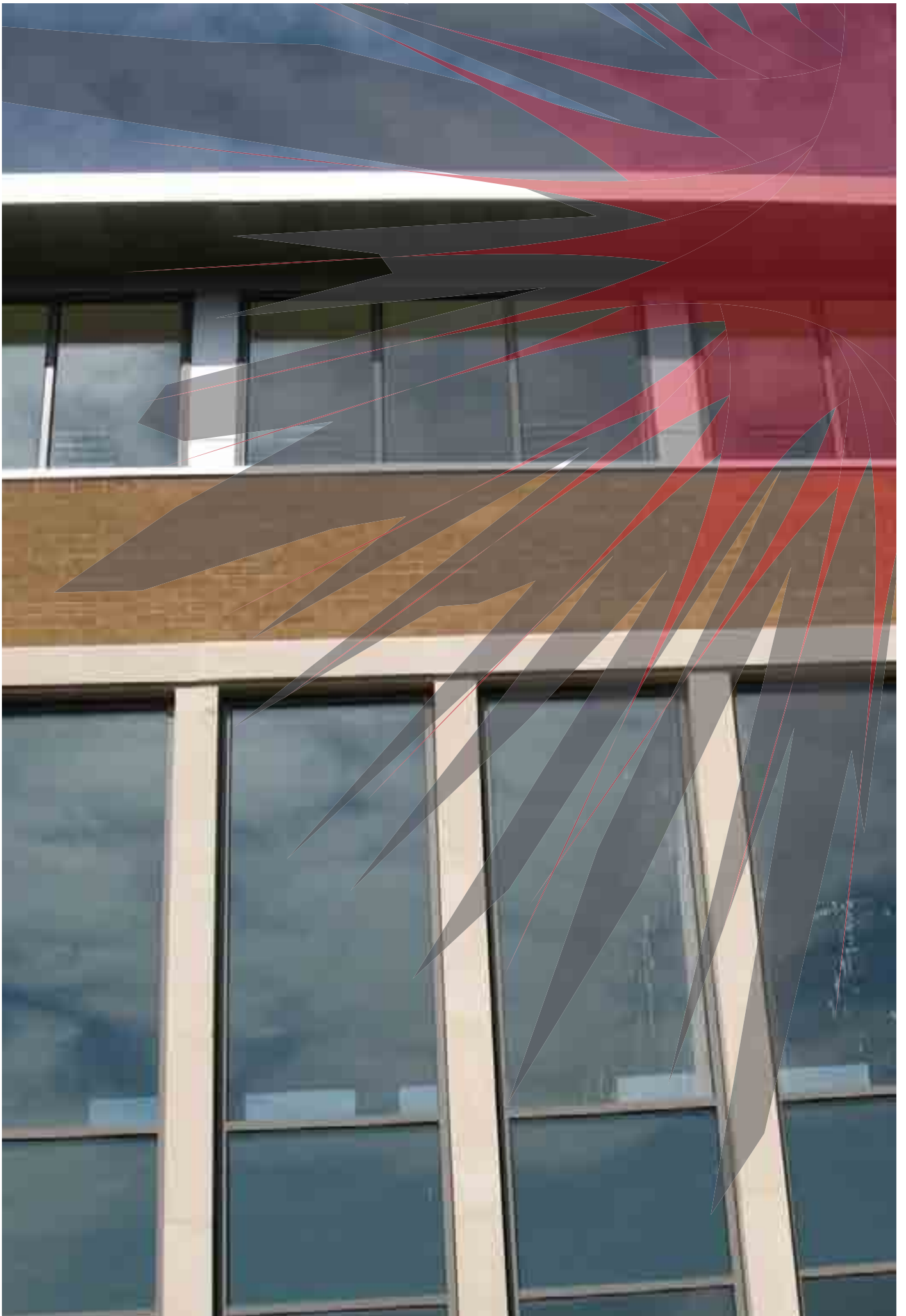


Being Part of a Team

We work closely with all other design team members, particularly Architects, Surveyors and Contractors. We pride ourselves on being a pro-active team member, producing high quality work on time.

We impart a 'can do attitude' towards engineering and work pro-actively to make sure projects not only meet all relevant standards, but also utilise the preferred materials and best building methods and most importantly deliver the desired effect for the client.





Director Profile

Nick Forman - Managing Director

Nick Forman - Managing Director

With over 20 year's experience, Nick has a broad range of expertise in Structural Engineering. Prior to forming BDI he spent five years with a leading consultancy, six years with a Specialist Foundations Contractor and three years handling technical building claims with a firm of Loss Adjusters.

He has extensive experience in the diagnosis of building defects, including foundation problems, concrete repairs and historic buildings, proven skills and considerable experience designing engineering structures for a wide range of new and refurbishment projects and an extensive knowledge of the insurance claims process. His own particular passion is about the re-development and alterations of existing buildings.

Nick is actively involved with the Institution of Structural Engineers (iStructE) at a local and national level, he also sits on the Industry Panel for the Civil & Structural Engineering Department of Bolton University.

Nick formed BDI Structural Solutions in 2003 to provide practical, cost effective structural engineering from a dynamic forward thinking engineering consultancy.





BDI and our staff are proud to be active members of the following professional institutions:

*The Institution
of Structural
Engineers*



What our clients say about us

“We’ve worked alongside BDI on numerous projects in the North West and they always deliver on time. All their advice and recommendations are clear, concise and a member of the BDI team is always on hand to answer any queries we may have. Their rates are price competitive and represent good value for money. We would have no hesitation in recommending BDI.”

Neil Shepherd, Shepherd Myers

“BDI offer a professional friendly service at a competitive price, I recommend BDI regularly to my clients”

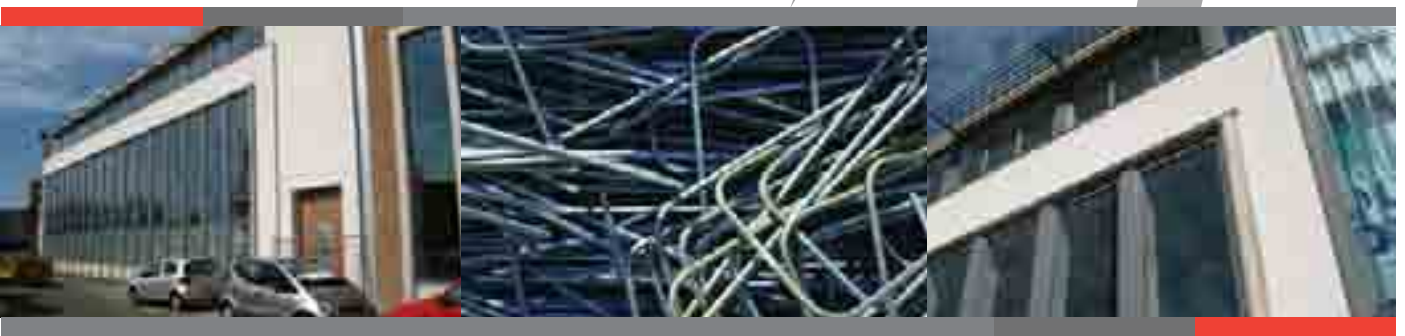
John Elliott, Jovinka Architectural Services

“BDI projects are delivered on time, every time. I have no complaints what so ever with the BDI service and would highly recommend them.”

Chris Peerless, Ellis May

“Fathom have had work undertaken by BDI and would like to give a written testimonial of the quality of the company’s work and professional approach. We would have no difficulty in recommending and using BDI in the future.”

Nathan Evans, Fathom Information Technology



“Mr Egerton’s flood claim had been repudiated by Halifax Insurance. As you are aware Mr Egerton brought me in to see if I could turn this decision around. I felt that I could but needed BDI’s expertise and input. I am delighted to say following receipt of your detailed report, insurers re opened the claim and had no option but to reverse their decision to the delight of Mr Egerton. Many thanks once again and I will not hesitate to recommend you in the future.”

Steve Allen, Steve Allen Insurance Services

“BDI offers a cost effective and efficient service to both us and our clients. We would always recommend BDI to our clients and other architects.”

Alison Taylor-Stokes, I.C.E Architecture

“BDI first worked with us on a large scale development comprising of both conversion and new build. Throughout the project we found BDI professional, flexible and very responsive. Above all they listened, before providing us with real structural solutions.

These were supported with detailed quality specifications, when we needed them. What they offer is highly recommendable.”

Mark Pickles, Marque Developments Ltd, Property Developer

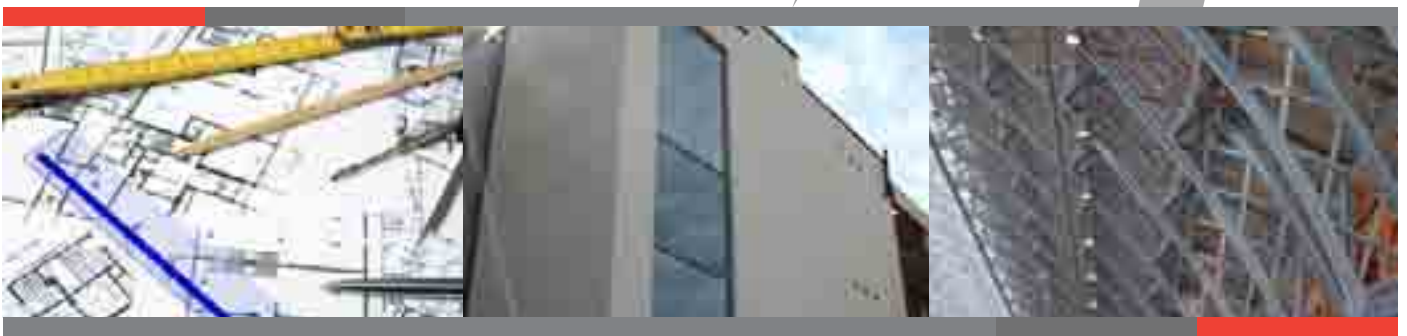


Specialist Property Investigations

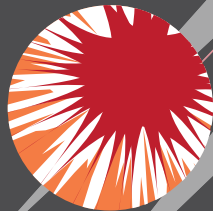
Our associated company SPI provides dedicated investigation services for building defects. Providing concise and impartial CCTV Surveys on underground drainage, trial hole investigations and cavity wall tie surveys and much more. SPI provide these services both to BDI and a wide range of other professional building consultancies.

SPI

Specialist Property Investigations



BDI
Structural Solutions



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