

Integrity, Consistency, Collaboration.

From our decades of experience, we are proud to be the leaders of ethically driven & sustainable Design and Development

Excellence without compromise, at every stage of your project.

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The future of our world has to be sustainable.

and that is a fundamental goal of what makes Inspire inspirational.

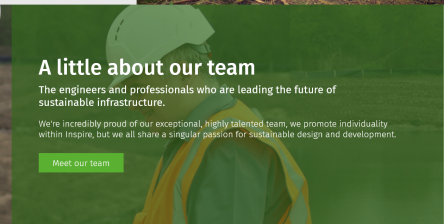
Our team at Inspire make all of our key decisions based on our core values of integrity and openness with everyone we work with, consistent reliability, and collaboration with other team members and our clients. We pride ourselves on delivering our promises and more.

[Our Mission & Values](#)


A little about our team

The engineers and professionals who are leading the future of sustainable infrastructure.

We're incredibly proud of our exceptional, highly talented team, we promote individuality within Inspire, but we all share a singular passion for sustainable design and development.

[Meet our team](#)

[Mission and Values](#)
[Our Design](#)
[Project Delivery](#)
[Planning Process](#)
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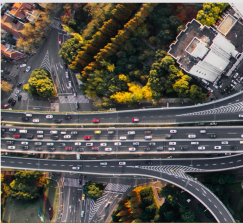
Our Experience

Our team has extensive experience in the planning, design and delivery of development projects.

Having successfully delivered high quality planning approvals, we ensure that each of the projects we undertake is commercially robust, paving the way for excellent, efficient and exciting places for local people to live, work and play within their community.

Our Senior Management team collectively has around 100 years of experience in the redevelopment of brownfield sites.

This valuable experience has not only given them an innate understanding of the individual and unexpected challenges associated with delivering complex development projects, but also the skills and the know-how to overcome and thrive off these challenges to create treasured spaces within the community.



Our Expertise

With several years of experience and expertise under our belt, we specialise in the delivery of highways and drainage infrastructure for new developments.

In particular, our team excels in achieving timely technical approvals for adoptable schemes.

With extensive previous involvement in all aspects of highway design, including everything from trunk road design all the way to simple estate roads, we have the expertise to provide innovative solutions to even the most problematic access issues.

Ethics Is A Part Of Everything We Do

Here at Inspire, our values have shaped our business into the success it has become today. Every day we live our values, which has formed the foundation of our long-term ambitions and strategic growth plans.

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News & Blog

Home - News & Blog - **Inspiring the Next Generation of Civil Engineers**



Inspiring the Next Generation of Civil Engineers

Last month, Inspire Design were approached by Chesterfield Borough Council to speak at Shirebrook Academy's post 16 event. The event gave year 11 students and their parents the opportunity to find out more about post 16 progression options and meet different providers.

Lee delivered a session on Civil Engineering Apprenticeships which gave students an insight into a career in Civil Engineering, the selection process and progression opportunities in the future.

'It was great for parents to hear an employer perspective about the importance of core subjects and skills, and to raise their awareness of new progression routes' Tracy Horton, Personal Development Co-ordinator at Shirebrook Academy.

As a Cornerstone Employer, this is something we will be doing on a more regular basis. You can find out more about our new role here: <https://inspiredesigngroup.co.uk/becomingacornerstoneemployer/>

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Mission & Values

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Inspire's Mission & Values

Here at Inspire, our values have shaped our business into the success it has become today. Every day we live our values, which has formed the foundation of our long-term ambitions and strategic growth plans.

The Inspire Values; Consistency, Collaboration, Integrity

Our team at Inspire make all of our key decisions based on our core values of consistent reliability, collaboration with other team members and our clients, and integrity and openness with everyone we work with. We pride ourselves on delivering our promises and more.

Here at Inspire, our core values are more than just words, they are the overriding guiding principles which affect everything we do. We work as a team at all times, holding each other accountable for our actions. Opinions and ideas are always welcomed and encouraged from everyone within our team. Each and every member of our team is motivated towards making a positive difference to the developments and the people we are involved with.

The Inspire Vision; Our Long-Term Goal

Our vision for the future is to have a long-lasting positive impact on the lives of the people within our community. We intend to achieve this by influencing processes to consistently create innovative and inspiring built environments that offer a sustainable way of living, working and playing.

The Inspire Mission; Our Everyday Ambitions

For our team, we aim to encourage a culture which fosters collaboration, creativity and personal growth.

For our clients, our goal is to consistently deliver valuable and sustainable civil engineering excellence.

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Services

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Pre Planning

Flood Risk Assessments

Our team have extensive knowledge in this area, and have the capabilities of undertaking flood risk...

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Planning Process Management

Here at Inspire Design, we provide our clients with a wide variety of planning services...

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Drainage Strategy

The purpose of a drainage strategy is to investigate and advise on the most appropriate...

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Transport Planning

Transport planning is a discipline that examines the needs of travel, as well as the effects...

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Coal Mining Risk Assessments

In response to specific guidance issued by the Coal Authority, many Local Planning...

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Geo Environmental Services

Here at Inspire Design, we can assess the potential ground related geotechnical...

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Post Planning

Drainage Design

Our experienced team are passionate about providing drainage design solutions...

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Highways Design

From the initial feasibility of a project through to the construction of the infrastructure...

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Earthworks Modelling

Inspire Design and Development Ltd understand that earthworks can be a significant...

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Structures

A structure must be designed to withstand environmental conditions in the area...

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Transport Planning

Transport planning is a discipline that examines the needs of travel, as well as the effects caused by travel. From strategic models that seek to simulate vehicle movement on a national scale, aiding strategic decision making, right through to planning for individual developments or highway improvements, our transport planning service can cater for your every need. At the planning stage of a development, the local highway authority requires satisfaction that the effects of placing a residential development in specific locations have been considered. When this has been established, the local highway authority can advise the planning authority that they have no objection for the development to go ahead.

With twenty years of experience in Transport Planning, Inspire Design has the knowledge and expertise to meet those needs of the local highway authority, whilst undertaking detailed transport assessments, plans and statements. At the initial stage of an assessment, our team examine and conduct a review of the existing highway environment, all in the context of its ability to cater for additional traffic. This examination includes a basic review of the area surrounding the site, as well as an investigation of personal injury accident data to ascertain existing highway safety issues.

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How We Analysis Ways Of Improving Everyday Travel

Traditionally, the transport assessment (formerly known as the Traffic Impact Assessment, or TIA) focused upon the effect of car traffic, likely travel patterns and routes. This meant that the assessment could then quantify the potential effect of the proposed development upon the nearby highway network. However, in more recent years, the TIA developed into the Transport Assessment, which means we can further examine the trips taken by other modes of transport, such as walking, cycling and public transport. We can then look into the accessibility of services and subsequent access to facilities, such as education, employment, healthcare and beyond.

Every year, the road network is clearly getting busier and busier, with every road and junction having limited capacity. Junctions that operated with ease as little as five years ago, are now beginning to queue. Improvements are necessary to open up these bottlenecks and allow traffic to run smoothly once again.



Structures

A structure must be designed to withstand environmental conditions in the area

Transport Planning

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Alternatives To Driving & The Issues Involved

One of the main problems with our roads today is a problem which has been around since even before the wars, in that with more and more people owning cars, capacity on the roads is reached quickly, resulting in frequent backups in traffic.

The majority of car owners could indeed opt for a different, more efficient method of transport by walking, cycling or using public transport, which would ease the traffic and mean more road space. However, our own cars are significantly more comfortable and convenient and offer us our own personal space, making them difficult to give up. This means that in order to persuade someone to opt for walking, cycling or public transport instead of the comfort of their own car, there has to be an attractive offer on the table.

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How We Solve The Issues

We need to educate and incentivise to reverse this trend. In recent years, development planning applications above a certain scale usually require the associated submission of a travel plan, and our team here at Inspire can provide this.

We can complete in depth travel plans, which explore and review current travel patterns in a selected area. This allows us to devise a plan of measures that the developer will implement over a five year period, following planning approval, paving the way for a shift from single occupancy vehicle travel to more sustainable modes of transport.

What We Use To Solve The Issues

Our team have the knowledge required to identify measures which are tailored to each development type, the location and most importantly, the end user. We understand that driving a car is more convenient and more direct, so we know that to compete with this level of comfort requires significant incentives.

Measures such as the provision of bus passes, car sharing clubs, preferential car share parking and walking clubs all help to remove barriers and make sustainable travel more attractive.

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Here at Inspire, our values have shaped our business into the success it has become today. We are a company that has formed the foundations of our business on ethical values and ambitions and we are committed to maintaining this.

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☐ Flood Risk ☐ Transport

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Unit 10, The Business Park, Coney Green Road, Chesham, Berkshire, SL8 9JA

Tel: 01246 854467

info@inspiredesigngroup.co.uk





Services

Flood Risk Assessments

Our team have extensive knowledge in this area, and have the capabilities of undertaking flood risk assessments for both residential and commercial developments and in flood zones 1, 2 and 3. Our team are always up to date with legislation and the latest research in flood management techniques, allowing us to offer a variety of solutions for even the most challenging of sites.

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Our experienced team are passionate about

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Holmewood Residential Development

Home - Case Studies - **Holmewood Residential Development**

Project Details

Project: Holmewood Residential Development
Client: Williamthorpe Regeneration
Value of Works: £100M
Date of Completion: Ongoing



Description of Works

The aim of this project was to assist in the redevelopment of a former opencast mining site to provide a quality residential area with a multi-functional open space incorporating SuDS, new sports facilities, a pub restaurant, local retail units and a new connection to the popular 5 Pits Trail.

Challenges

North East Derbyshire as a district required a significant boost to their supply of both open market and affordable housing in order to meet their government targets. According to statistics, Holmewood is one of the most deprived areas in the district and therefore, not one that attracted many national housing developers with investment potential.

The site has plenty of benefits, particularly its location, relative to the local infrastructure. However, lurking beneath the benign green field appearance was a legacy left by the mining industry which further impacted on the commercial deliverability of the site.

Solutions

The development of the site is constrained by the historic mining activities. The former opencast mine was restored with mining spoil and therefore deep areas of made ground exist. There is also the high wall, which is the interface between the open pit and the natural ground. Development is stifled in the area of the high wall due to differential settlement.

Our creative team have managed to turn these constraints into opportunities. We used the corridor sterilised by the high wall to accommodate an attractive wide spine road with sustainable drainage features, paths, landscaping and play areas. This attractive spine road feature will contribute towards creating a sense of place. We worked in collaboration with NEDDC to provide a well-designed, commercially viable development that will give a significant boost to the housing supply with the creation of 515 new homes, which could rise to 555 with a future phase.



Key Benefits

- 515 new homes of which 6% will be affordable
- New pub restaurant
- Links to the 5 Pits Trail
- £1.4M education contribution
- Significant boost to the local economy

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Becoming a Cornerstone Employer

We are delighted to announce that we have today agreed to a new partnership to support young people in D2N2 by becoming one of The Careers & Enterprise Company's Cornerstone Employers.

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Building a Bright Future for Area

Inspire Design's Managing Director, Lee Barnes, is featured in this week's Derbyshire Times, thanks to his involvement in last month's property and construction round table discussions.

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Celebrating the Success of The Avenue School Challenge

This week Inspire Design were invited to The Avenue School Challenge Celebration Event to celebrate and share the students' success with their parents, schools and representatives from other...

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