



BRIDGEHEAD CONSULTANCY

Collaborative construction consulting. **Redefined.**

Collaborative construction consulting. *Redefined.*

Bridgehead Consultancy

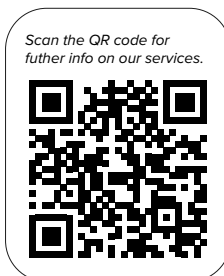
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We are ...

a progressive, innovative preconstruction consultancy, we deliver construction supply chains with certainty of delivery.

Our services are designed to provide clear preconstruction advice and guidance, using the latest in planning technology, models and data.

We undertake comprehensive reviews of site logistics - from concept design to handover, to integrating our technology to aide in a successful project delivery.

Our tailored consultancy service, coupled with our experience of working within the construction industry, enables us to maximise operational and commercial efficiencies across the construction supply chain.

The changes and evolution of the construction industry has resulted in a fragmented view of project logistics and its role within a project lifecycle. Consideration for the development and movement of a project site is often given once planning and design has been agreed, leaving little room for key on-site considerations such as logistics movement, deliveries and final fit out.

Our extensive knowledge and experience will support construction organisations from a construction project start, enabling contractors to consider key, site strategies, promoting time and cost efficiencies, innovation and value.

Construction Logistics Plans (CLPs)

We create logistics plans that are easily understood by all stakeholders on a construction project, addressing the key concerns that they may have.

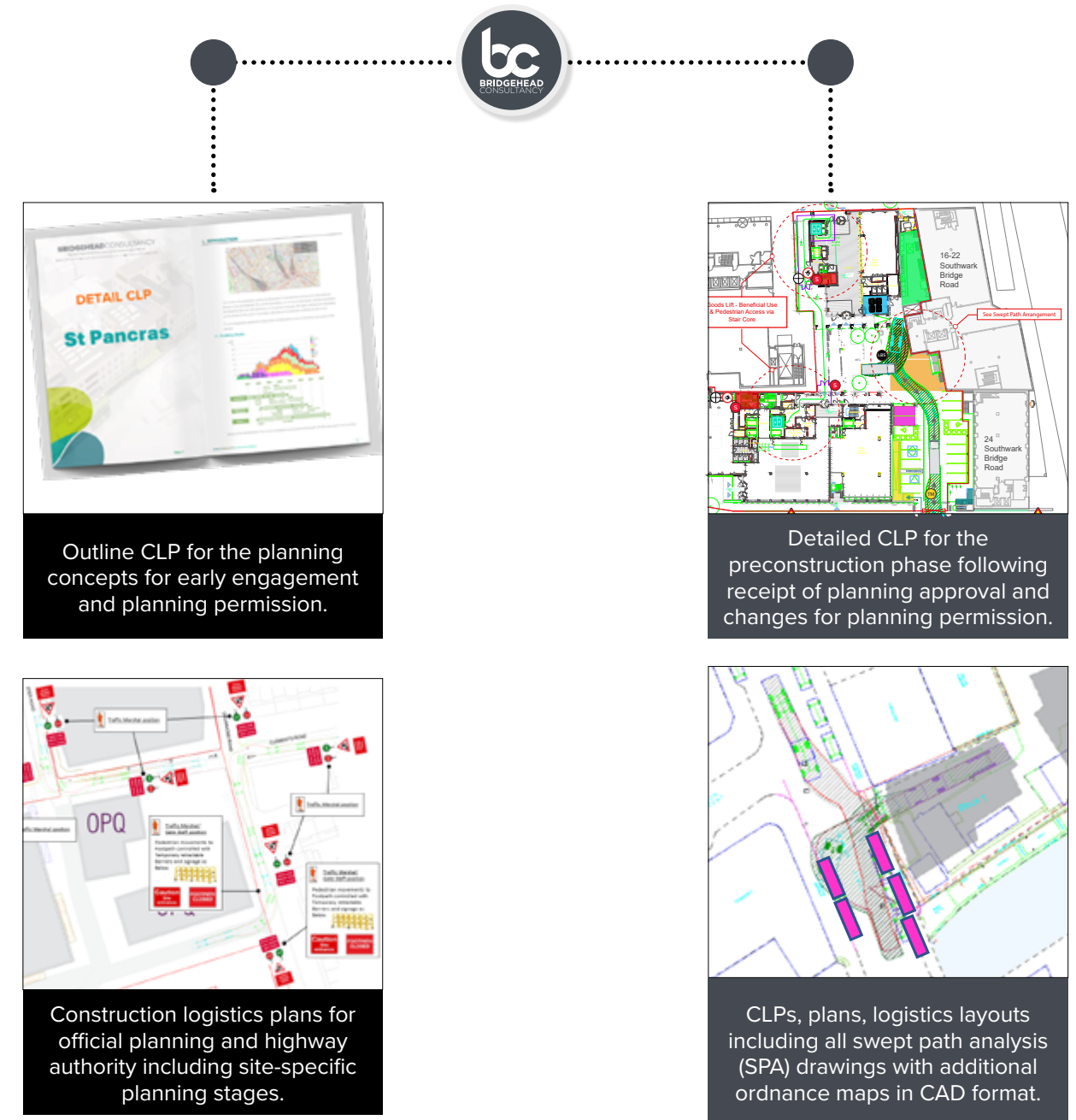
CLPs are a requirement for any developer or contractor who is acquiring planning permission to reduce the negative transport impact of a construction project on local communities, residents, businesses, and the environment.

Don't be held up by planning authorities, contact us for early engagement to guide you through the best logistics solution to flow into, around and out of the project.

We will remove your roadblocks, delivering certainty and surety to your project in the concept stage and throughout.

Bridgehead Consultancy can provide construction logistics plans for official planning and highway authority including site-specific planning stages.

In collaboration with developers, clients, and principal contractors we create comprehensive CLPs, plans, logistics layouts including all swept path analysis drawings with additional ordnance maps in CAD format.



Traffic Management Plans (TMPs)

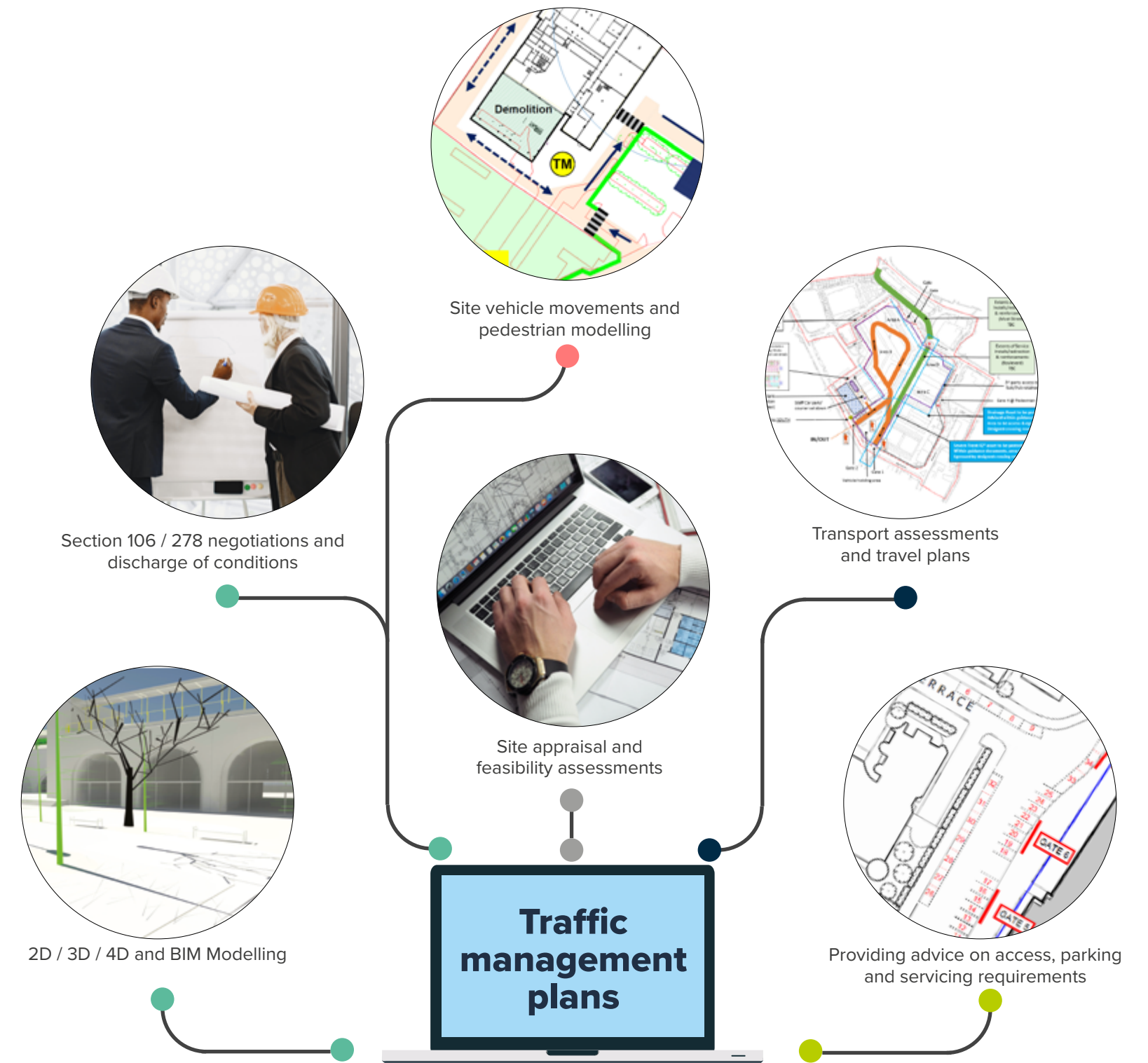
The impact of construction projects on UK roads is an inevitable consequence of any new development and thriving economies. When poorly managed and not considered, it can quickly become the most controversial and criticised part of any project.

Our team will collaborate with our clients, contractors, subcontractors, stakeholders and local authorities to optimise construction phasing, site access and egress points with long and short-range traffic plans.

By analysing the site requirements, the local area and the project programme, we can target and determine the key impact areas and minimise the disruption placed on the roads and local community.

Our professional approach with all parties, combined with the application of our skills in construction methodology, planning, analytics, delivery software and experience, allows us to implement robust and realistic traffic management plans across any UK worksite.

Our approach to traffic management planning is tailored to every project and would typically look to include the following actions (opposite)



Construction Environmental Management Plans (CEMPs)

We create construction environmental management plans for submitting to councils ensuring construction activities are carried out in an environmentally responsible and sustainable manner.

Our plans outline the measures, practices, and procedures that will be implemented to minimize the environmental impacts of a construction project. CEMPs are required for projects that are dependent on local regulations, size and / or scale, and significant, environmental sensitivity.

Typically, a CEMP will assess any environmental impacts of construction such as soil erosion, habitat disruption, noise, air quality, and water pollution.

We recommend consulting with local environmental regulations, engaging with relevant regulatory authorities early in the planning process to determine if a CEMP is required for any construction project. Even if the creation of a CEMP isn't mandatory, developing a CEMP can be a responsible and beneficial action to minimize the environmental footprint of any works.

Our approach to construction environmental management plans is tailored to every project and would typically look to include the following project situations (opposite)

A construction environmental management plan (CEMP) plays a crucial role in safeguarding the environment during the duration of any construction project.

Our team of consultants is experienced in environmental planning and current legislation. Contact us for full support in making sure your project meets, and exceeds, environmental regulations while reducing harm to the surrounding natural environment.

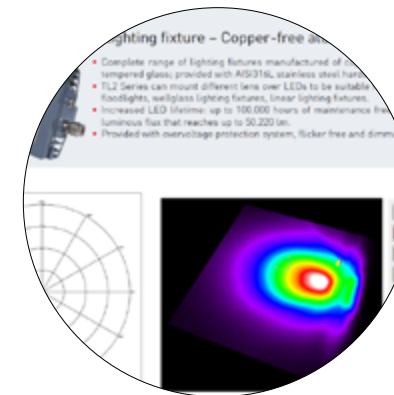


Construction site logistics and operations planning

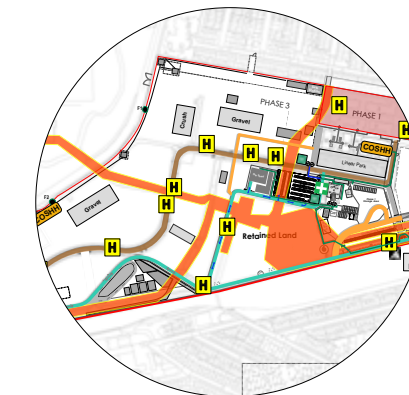
We specialise in delivering tailored construction site logistics and operations plans meticulously crafted to enhance the construction phase of any project. While our pre-construction services focus on the development and setup of a construction site, our dedicated site logistics and operations planning is designed to facilitate the operational development and phasing of the entire construction project.

These comprehensive plans offer essential information, strategic foresight, and detailed site developments, ensuring that construction sites not only remain operational but also stay aligned with the established program.

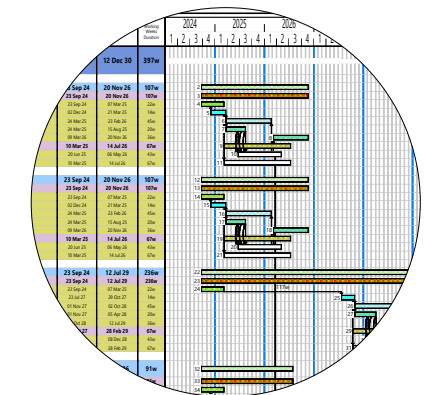
Key components of our plans encompass site-wide logistics plans, logistics phasing plans, dust management plans, hydrant and gas placement plans, service meter plans, lighting plans, and grit plans. Each element is intricately designed to contribute to the seamless execution of construction activities and the overall success of the project.



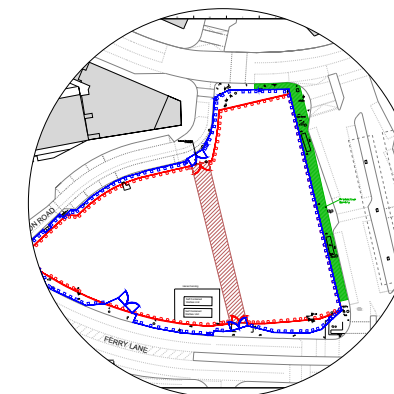
Lighting plans



Hydrant and gas placement plans



Service master planning



Logistics phasing plans



Site wide logistics plans



Dust and grit management plans



Health, safety, environmental and quality (SHEQ)

Prioritising health, safety, and the environment is an indispensable facet of every business operation, aiming to safeguard the well-being, safety, and the environment.

At Bridgehead, we offer comprehensive health and safety consultancy services, dedicated to assisting organisations in implementing best practices and ensuring regulatory compliance.

Our tailored consultancy services are designed to provide clients with the precise level of support and advice they require. From policy development and audits of existing systems to specialised sector advice and meticulous risk assessments, Bridgehead's expertise covers a wide spectrum.

Throughout the entire project life cycle, we stand by our clients, providing unwavering support, guidance, and advice. Our goal is to collaboratively develop an industry-leading approach to project health, safety, and well-being, fostering a secure and responsible work environment.



Risk assessments and method statements

Establishing secure working practices throughout your business operations requires the creation of comprehensive Risk Assessments and Method Statements (RAMS). These documents act as detailed guides for identifying and mitigating operational risks and hazards.

Our dedicated services are designed to support you in developing and implementing RAMS, providing templates, and offering valuable guidance to strengthen your commitment to ensuring that robust controls are in place, thereby fostering a hazard-free work environment.

Health and safety compliance

Ensuring robust health and safety practices is crucial for compliance with UK legislation and accreditation bodies. Our commitment spans from aligning your business with the stipulations of the Health and Safety at Work Act 1974 to assisting your organisation in meeting the stringent criteria set by external accredited bodies.

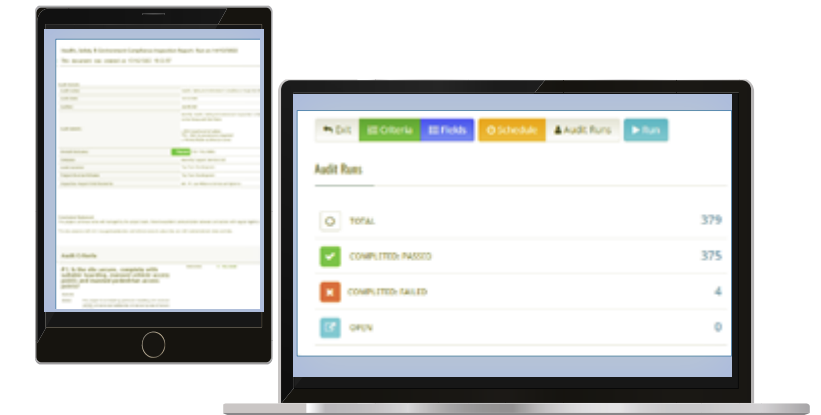
For entities employing more than five individuals, the development of an internal Health and Safety Policy is a cornerstone for implementing comprehensive health and safety standards. Recognising this, we offer extensive support in crafting, implementing, and periodically reviewing organisational health and safety policies and procedures.

These efforts are meticulously designed in harmony with UK legislation, ensuring that your business not only meets but exceeds the necessary compliance standards.

We go beyond by designing, implementing, and assessing a formal framework for managing health and safety processes, standards, and procedures within your organisation.

Collaborating closely with our clients, we tailor a system that fulfils their unique health and safety needs, covering the creation of in-house documentation, reporting standards, and codes of practice.

Additionally, we assist organisations in achieving internationally-recognised ISO standards for health, safety and environmental compliance.



Site inspections

Moreover, our Site Inspection services extend beyond routine inspections to comprehensively evaluate and assess workplaces, ensuring they are entirely free from potential hazards or risks.

Recognising the paramount importance of a safe environment, our inspection and assessment services are meticulously tailored to safeguard the well-being of your employees, visitors, and stakeholders while on your premises.

Through a meticulous and thorough evaluation process, we not only identify existing safety measures but also strive to enhance them. Our commitment is to go beyond compliance by providing actionable insights for continual improvement.

By partnering with us, you not only secure your immediate work environment but also benefit from ongoing enhancements to your overall safety protocols, reinforcing a culture of safety excellence within your organisation.

Our technology-driven approach to construction site security

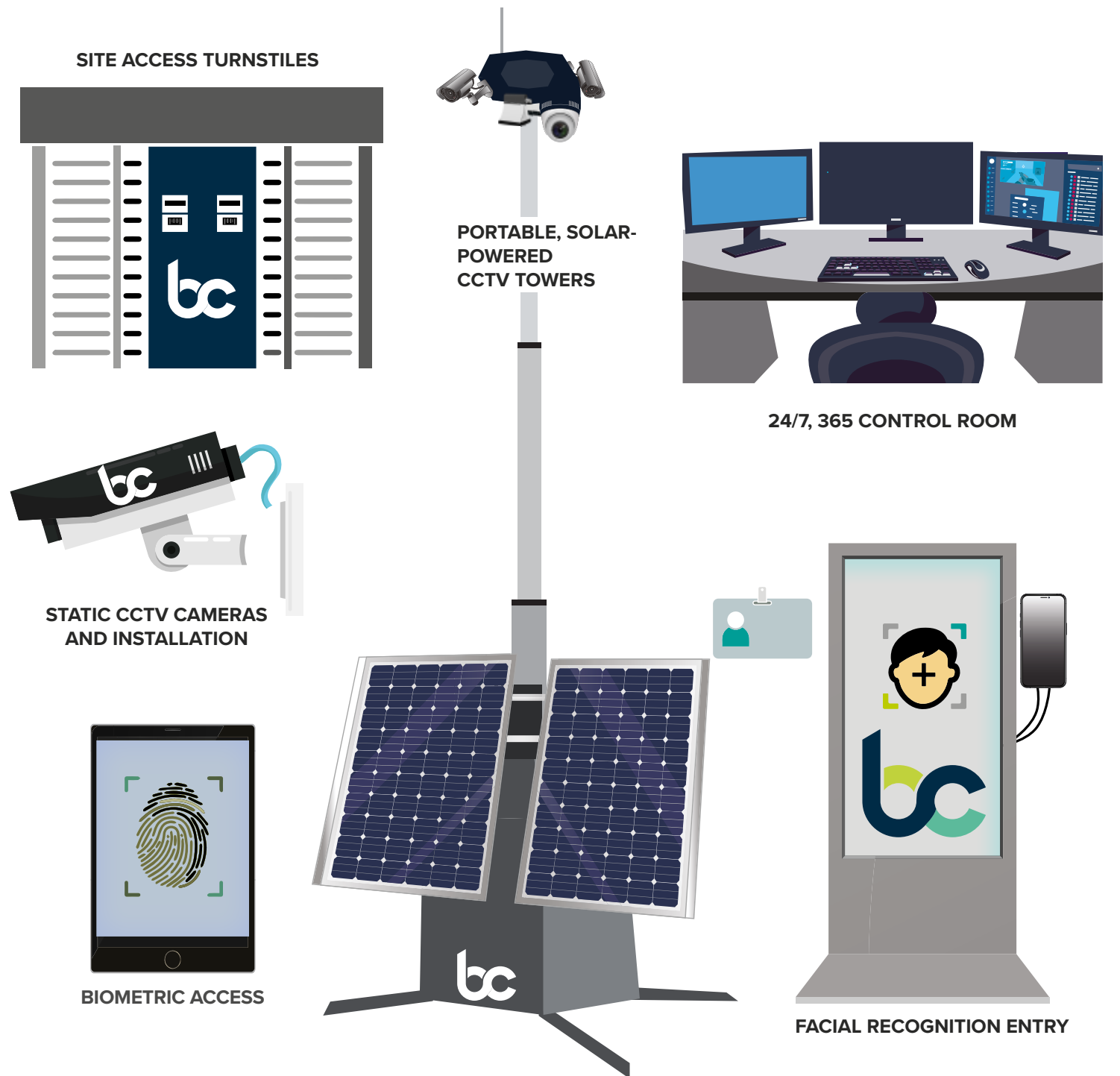
Elevate the security of your construction projects with our Land Developer Security and CCTV Services, offering a robust and tailored solution.

Focused on safeguarding construction sites, we deliver comprehensive security measures that include strategically positioned CCTV systems: both fixed and mobile.

Our services cover perimeter security, access control, and real-time monitoring, all enhanced by cutting-edge technology to ensure the protection of valuable assets, materials, and equipment.

Our expert team specialises in developing customised security plans and risk assessments, addressing the unique challenges associated with construction sites. Through a combination of expertise and innovative solutions, we prioritise the security of your project. Testimonials and case studies underscore our success in enhancing security and minimising risks on construction projects.

Contact us for a consultation and entrust your construction site security to our reliable and proven services.



Our tech-driven approach to preconstruction

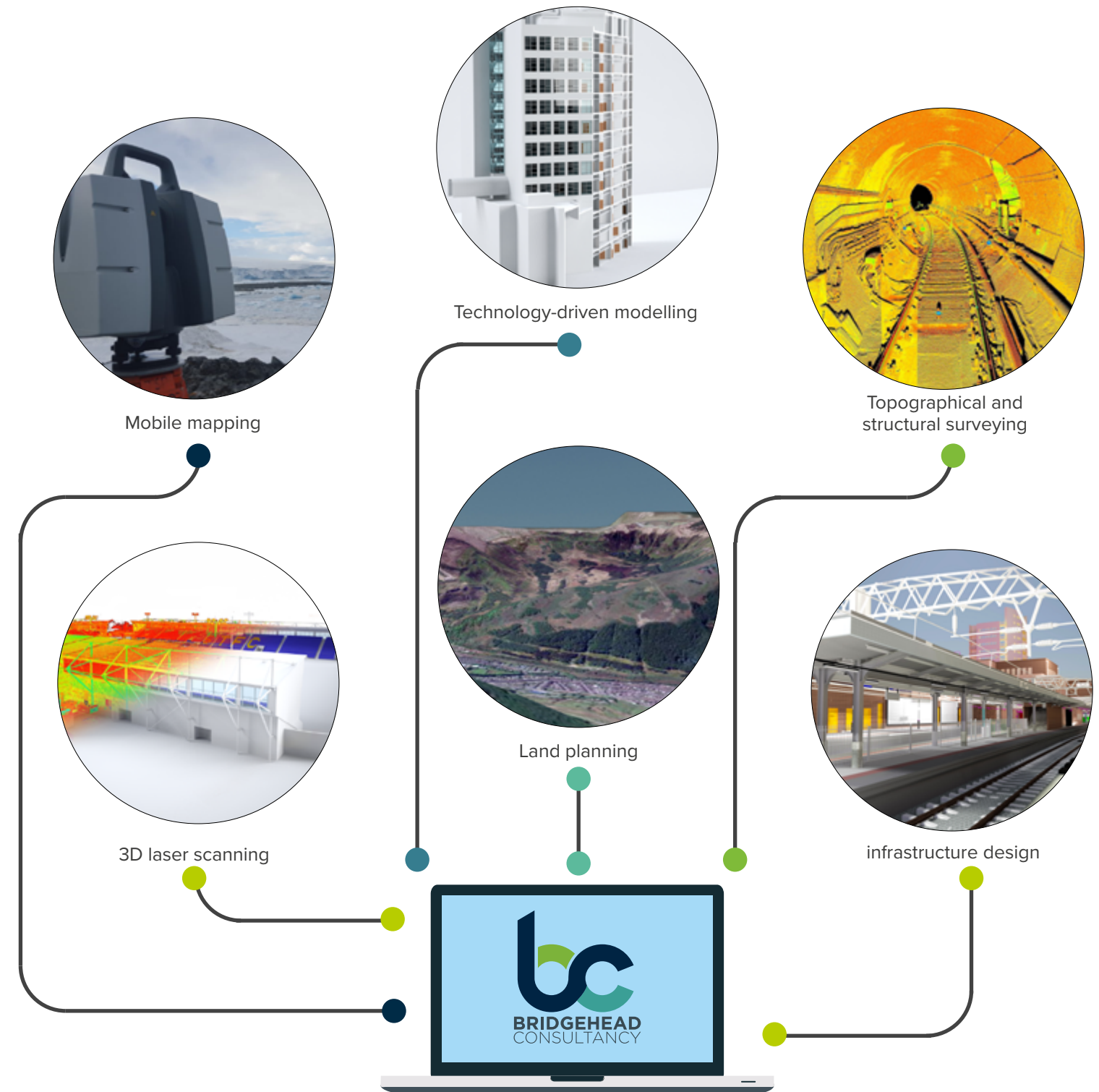
3D laser scanning

Embark on a transformative journey with our cutting-edge early engagement services, where we harness state-of-the-art laser scanning technology to meticulously craft intricate point clouds of project areas.

This proactive approach goes beyond simple mapping; it guarantees the accurate capture of topographical and structural data right from a project inception. Opting for our services in the early stages of development is a strategic decision that empowers clients with invaluable insights, laying the foundation for well-informed decision-making.

At the core of our offerings is our specialised laser scanning service, assuming a pivotal role in various facets of project development. From effective land planning to the intricacies of infrastructure design and comprehensive risk assessment, our commitment is to drive success at every stage. Partner with us to unlock the full potential of cutting-edge 3D laser scanning for your projects.

Our dedication extends beyond technology, it is about transforming your innovative concepts into tangible, successful realities. With us, precision seamlessly meets vision, ensuring that every project unfolds with a strategic advantage in the dynamic realm of technology-driven development.



Our approach to swept path analysis (SPA)

We specialise in providing comprehensive swept path analysis solutions tailored to ensure the seamless integration of vehicles within your project design.

The primary goal of the analysis is to assess the manoeuvrability and dimensions of specific vehicle type to confirm that vehicle can navigate the designated routes. The analysis identifies optimal turning radii and critical areas where adjustments to the design or traffic management may be required for enhanced safety and efficiency.

Our expert analysis determines the optimal paths for various vehicle types within your project, ensuring functionality and safety.

Identify potential bottlenecks and enhance traffic flow efficiency by analysing intersections and critical points within your design ensuring it meets both regulatory standards and practical functionality.

Our team comprises experienced professionals with a proven track record in delivering accurate and reliable swept path analysis services.





Our experience and case studies

Case study #1

TRU, Lady Anne footbridge, Batley, West Yorkshire

Case study #2

The Bermondsey Project, London SE16

Case study #3

Garrison Circus, Digbeth, Birmingham

Case study #4

Smithfield regeneration, Birmingham city centre

Case study #5

St John's Wood Square, London NW8

Assisting with a safe, railway crossing for the people of Batley in the heart of the Pennines

TRU, Lady Anne footbridge, Batley, West Yorkshire

Situated between Dewsbury and Leeds, a new footbridge was required as part of the Trans-Pennine upgrade works. The new 40 metre bridge replaced the previous Lady Anne level crossing, providing a safer access route across the live, express rail lines for pedestrians.

It is also part of Network Rail plans in eliminating safety risks by removing old-style, level crossings where possible, creating a safer railway. The design for the footbridge has taken into account the feedback from previously conducted surveys that the result will deliver a bespoke, accessible footbridge that fits with the surrounding landscape.

Our role on this challenging project involved undertaking a detailed mapping and analysis of the features of a specific area of land. This includes both the natural elements, such as hills, valleys, rivers, and trees, and man-made features like buildings, fences, and roads. The primary purpose of a topographical survey is to gather data about the elevation and configuration of the land, as well as its contours and gradients. This information is crucial for a wide range of applications in construction, planning, design, and environmental management. with our sister company, Severn Partnership, as well as the creation of swept path analysis drawings and careful logistics planning.

The key considerations involved the transportation of the main bridge span which measured almost 30 metres long by 3.5 metres wide around the tight corners close to the crossing site. The delivery vehicle comprised an extendable trailer with independently-controlled wheels to assist with the confined manoeuvring. The ramps on the approach were made wider to accommodate the prefabricated structure while also safeguarding the neighbouring properties.



Reducing the negative effects of a high-profile regeneration scheme in central London

The Bermondsey Project, London SE16

Located in south London in a high amenity, established residential area over five-hectares, the Bermondsey site is one of the largest brownfield sites approved for redevelopment central London.

The redevelopment will be designed around creating bold green parks for the community and provide 1,418 residential units with the addition of a new school, communal amenity space and transport servicing routes as well as pedestrian routes.

When completed, the project will provide a mixed-use scheme with public realm elements, attracting visitors to the area and creating hundreds of local jobs.

Bridgehead Consultancy were appointed to provide construction logistics management plans for our client to support the redevelopment of the former Peek Freans site. Our plans provided the planning authority with an overview of the logistics activity on the project during the demolition and construction phase programme.

Our objectives were to reduce emissions and deliver environmental benefits by minimising journeys to the construction site, holistically improve the logistics safety around site by managing people, construction traffic and non-construction vehicles. This was in addition to a reduction in congestion by efficient management and coordination of construction vehicles.

Our plans formed part of a collection of demolition, construction and environmental documents to cover the lifecycle of the planned construction works. All project stakeholders were fully aware of the requirements of the CLMP with regular meetings for the pre-demolition, piling and stage phases.



Outline construction and environmental planning in a landmark, central Birmingham regeneration scheme

Garrison Circus, Digbeth High Street, Bordesley, Birmingham B12

The Garrison Circus project will provide 481 'high-quality' and affordable new homes in Digbeth with commercial office spaces for start up businesses, to the south east of Birmingham city centre.

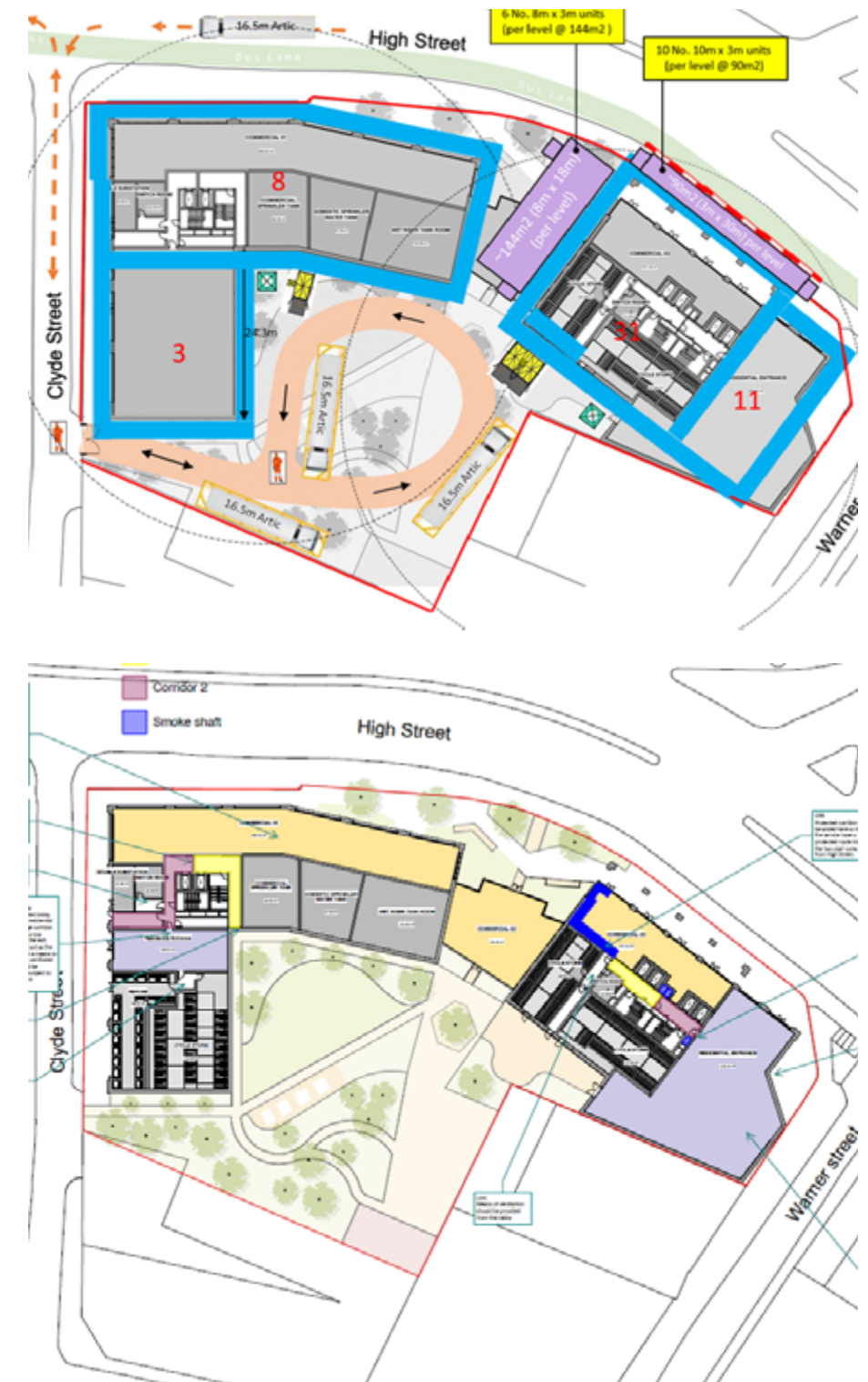
The scheme comprises two apartment blocks 'Building A' being ten storeys and 'Building B' at 34-storeys. They are connected via a single storey 'pavilion' link building. There will also be 637m² of commercial space on the ground floor. This space is split into five individual units offering flexibility for different commercial and employment uses on the ground floor to help fulfil the ambitions of Birmingham's emerging 'Our Future City Plan'."

Following a process of engagement with all stakeholders regarding the development of the site, we outlined the principles of the construction methodology and construction logistics for the proposed site works.

Our role comprised a comprehensive construction environmental management plan for the construction work to establish the overall delivery and site control, minimising the negative impacts during the construction phase.

Our outline programme and key activities for the construction works with proposals for risk mitigation were detailed in consideration to the requirements of Birmingham City Council. A key element of the transformation was the preservation and restoration of the locally listed Myona building, which holds historical significance with its connection to Jacobs Biscuits.

The plan also involves the creation of appealing outdoor courtyards and public open spaces, designed to enrich the community's experience.



Outline construction and environmental provision for major, city centre regeneration

Smithfield regeneration, central Birmingham

The regeneration of Smithfield, an area in Birmingham city centre known for its rich trading history, is a joint venture between Birmingham City Council and Lendlease.

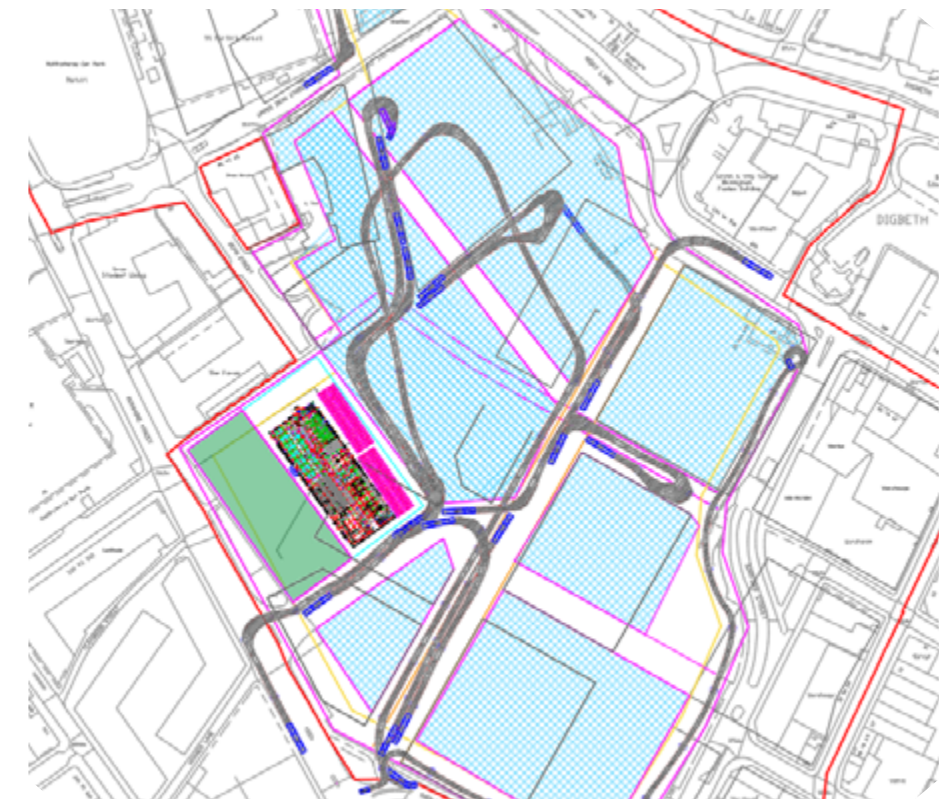
Smithfield will provide a new home for the city's historic Bull Ring markets, outstanding new leisure and cultural spaces, including a festival square and landscaped park, integrated public transport, and over 3,000 new homes alongside community facilities.

The outline proposals for the wider redevelopment, include nearly 600 homes, major new squares, and 51,000m² of office, retail and leisure space. The opportunity to reimagine 14 hectares of land in the heart of the city is rare but one that this masterplan has been designed to maximise.

The initial enabling works and Phase 1 will start in 2023 and complete in 2028 with phase 2 starting in 2026. The completion of the project after phase 4 is planned at 2034.

Our role on another landmark Birmingham project comprised outlined construction logistics plans, construction site logistics, operations planning, traffic management plans, advice on consolidation centre planning and the provision of site logistics handbooks.

Our SHEQ operations involved health and safety management, quality assurance and environmental considerations.



Outline construction and environmental provision for major, city centre regeneration

St John's Wood Square, London NW8

The St John's Wood Square project is the development of the former St John's Wood Barracks and 1-7 Queen's Terrace.

The 2.2 hectare site is located in the heart of St John's Wood between Finchley Road to the west and Primrose Hill to the east and is on the edge of the St John's Wood Conservation Area

The project comprises private and affordable residential units split into townhouses, apartments and duplex units of between three to five storeys across nine individual buildings.

A common basement space will provide car parking, plant space and spa/health club facilities, while the Grade II-listed riding school will be converted into a social hub with spa, swimming pool and function rooms for both residential and local community use.

Our role on this prestigious project focused on the safe access around the site, defining the routes into site for deliveries and exit routes. Sensitive areas were the highest load traffic routes on Finchley Rd and Avenue Rd and exit routes to St John's Wood Park with 100% traffic feeding in from Ordnance Hill and Queens Grove.

Our stakeholder engagement was crucial to the junction modifications that were required on Queens Terrace and Avenue Road for the routes to be accessible by HGV traffic. Further considerations were given to local parking suspensions for the welfare cabins. The possibility to reduce the levels by one (16 pods) to help the relationships with the neighbouring residents in reducing the restrictive views.

Our SPA routes for deliveries into site were also developed in addition to hoists, tower crane bases and further SPAs for material deliveries to the hoist points showing traffic management and key points of the site with high risk activities.





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