

BKUK Projects

Overview

JNP Group has supported the development of multiple new Burger King restaurants, taking the schemes from concept through planning and detailed design for construction.
These projects include entirely new buildings, redevelopment of existing buildings, and infill developments within live sites such as supermarket and service station car parks.
We also provide support on ongoing maintenance to the existing portfolio, including remedial works and refreshing of existing restaurants.

Case Study

Client: BKUK

Design Services Provided

- Phase 1 and Phase 2 Geo- Environmental investigations and reporting
- Gas and Groundwater Monitoring
- Mining Risk Assessments
- Remediation Strategies
- Construction Environmental Management Plans (CEMP)
- Flood Risk Assessment
- Drainage Design - Concept and detailed
- Sewer Diversions
- Externals Works design and Vehicle Tracking
- Foundation and Superstructure - Concept and detailed structural design for traditional and modular
- Structural advice to assist with refreshing of existing restaurants
- Structural defect surveys and remedial works



Project Solutions

JNP Group has provided Geoenvironmental, Flood Risk, Civils and Structures services, working hand in hand at all stages of the project.

The sites are often in challenging situations with existing buildings, made ground, existing utilities and drainage.

Early desktop research, followed by targeted investigations and specification of surveys, is often required to establish baseline constraints.

Projects are led by a single JNP project manager, providing a joined-up, multi-disciplinary service, liaising closely with the client and design team, and delivering engineering solutions within the client's rapid planning and construction timescales.





Case Study

Project Challenges

- Renovation and refurbishment of existing sites
- Construction in and around existing wider sites
- Challenging ground conditions – Made Ground, Coal Mining Risk Areas, areas adjacent to rail tunnels
- Constrained site externals
- Existing infrastructure
- Challenging timescales and budgets

Project Solutions

- A single JNP lead – co-ordinating all disciplines and liaising with the client and design team
- Rigorous early-stage investigations -liaising with third parties to get access to reports, design drawings, etc. Interrogating existing data
- Specifying surveys – ground, structures, drainage etc and working closely with surveyors
- Drawing on our experience working with poor ground, coal mining, Network Rail assets
- Initial structural appraisals to establish the impact of proposed works
- Innovative SuDS design to work around existing constraints and incorporate green-blue SuDS in constrained areas
- Delivering traditional and modular structural designs
- Value engineered design approach

JNP GROUP
CONSULTING ENGINEERS

Summary

JNP Group continues to work with BKUK to develop new and existing buildings into suitable restaurants and drive through locations.

With a well-co-ordinated multi-disciplinary approach, we are able to work efficiently and quickly to establish constraints and progress planning applications and design works to meet challenging deadlines.



Case Study

JNP Group Project Team

Project Manager:

Gareth Stephenson

Project Team:

Service Leads - Josephine Haines, Hilary Ilsey, Anthony McNevin

Engineers - Ajeet Sangha, Charlotte Grisby, Alex Gowers

