



Our feasibility and
planning stage support services



Our planning support services

From initial site due diligence to assess the feasibility of a scheme, to comprehensive support for a planning application, we draw upon a wide range of specialist skills and offer a dedicated in-house programme management service to co-ordinate the disciplines and services best suited to your needs.

Our expertise is often instrumental to shaping a masterplan that works on both a placemaking level and a practical level for communities and occupiers, ensuring clients avoid costly unforeseen issues further along the planning or development process.

We have a full understanding of the planning system at both a local and national level, including Development Consent Orders. We have vast experience of liaising with planning authorities as well as other applicable authorities and stakeholders such as Highways England, Network Rail, the Environment Agency, lead local flood authorities and the Marine Maritime Organisation. This experience has helped us to establish strong relationships with all these bodies which adds value for our clients.

Our comprehensive suite of planning stage services includes:

PLANNING STAGE SUPPORT

- Discharging technical planning conditions
- Planning appeal support
- Expert witness
- EIA Technical Chapters
- Public consultation

TRANSPORT PLANNING

- Transport Assessments
- Travel Plans
- Strategic land promotion
- Access appraisals
- Highway concept design
- Construction Traffic Management Plans
- Traffic modelling
- Vehicle tracking
- Micro simulation modelling
- Local plan representations
- Road safety audits

LAND QUALITY

- Phase 1 desk studies
- Phase 2 intrusive ground investigations
- Human Health and Controlled Waters risk assessments
- Remedial Options Appraisal, Remediation Method Statement and Materials Management Plans
- Asbestos management advice
- Geotechnical risk registers and outline geotechnical design
- Earthworks strategies

BUILDING DESIGN SERVICES

- Structural engineering outline design
- M&E outline design

INFRASTRUCTURE AND UTILITIES

- Flood risk assessments and modelling
- Drainage strategies
- Highway detailed design
- Levels analysis
- Utility mapping and capacity assessments

ENERGY AND SUSTAINABILITY

- Sustainability reports
- Energy statements
- Building Regulations compliance
- BREEAM assessment
- Home Quality Mark and Passivhaus assessment
- WELL Standard assessment
- Daylight/sunlight modelling and assessment
- Lighting design, including light pollution modelling and ecology compliance
- Microclimate simulation, wind studies and computational fluid dynamics (CFD)

AIR QUALITY AND ACOUSTICS

- Air quality/construction dust assessments
- Construction dust mitigation plan
- Ventilation and extraction statement
- Noise and vibration assessments and modelling

LOCKING PARKLANDS *Somerset*



Hydrock's planning support appraisals and detailed design work is helping transform a 200-acre former RAF site in north Somerset into a phased large-scale residential and commercial development.

Taff Vale *Pontypridd*



Complete multi-disciplinary services for this flagship, mixed-use regeneration scheme acting as a gateway to Pontypridd town centre. The 14,700 sq m scheme includes basement parking, public space, office and community space.

SOUTH BANK *Leeds*



Our multi-disciplinary approach supported developer X1 with their planning submission for a £210m mixed-use development supporting the regeneration of the South Bank in Leeds.

HINCKLEY RAIL FREIGHT INTERCHANGE



Full multi-disciplinary services to db symmetry through the Development Consent Order (DCO) planning process to deliver a multi-purpose cargo interchange and distribution facility alongside new and improved rail and road connections.

Delivering viability to your project

The contribution of engineering feasibility and design during the early masterplanning and optioneering stages of a project is crucial to maximising land value and the best opportunity of achieving the planning permission you are looking for.

We offer a comprehensive suite of planning stage support engineering services on all types and sizes of developments, both in the private and public sectors across the UK.

Hydrock's design team can offer an extensive list of planning stage reports and engineering services that are required to get your project off the ground. This is achieved through our uniquely pragmatic approach, and with the added simplicity of a single point of contact.

About Hydrock

MULTI-DISCIPLINARY ENGINEERING CONSULTANCY

KEY LOCATIONS: LONDON, MANCHESTER,
BIRMINGHAM, BRISTOL, CARDIFF, PLYMOUTH,
SOUTHAMPTON AND NORTHAMPTON

FULL IN-HOUSE SERVICE FROM INITIAL DUE DILIGENCE
AND SITE INVESTIGATION TO CONCEPT DESIGNS,
THROUGH PLANNING SUPPORT TO DETAILED DESIGN,
CONSTRUCTION OVERVIEW AND HANDOVER

INDUSTRY LEADING SAFETY RECORD

CYBER ESSENTIALS PLUS CERTIFIED

FOUR CONSECUTIVE LISTINGS IN *THE SUNDAY TIMES*
100 BEST COMPANIES TO WORK FOR

WE PRIDE OURSELVES IN STEPPING FORWARDS,
NOT BACKWARDS, WHEN CHALLENGES ARISE

For full details of who to contact
across the UK, visit:

hydrock.com/planning

Hydrock 



Engineers.
Designers.
Consultants.

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