



Temporary works design is increasingly being recognised as one of the most critical aspects of any construction project. The importance and indeed the benefits of identifying a projects' temporary works requirements in advance and in some cases integrating them into the permanent works has resulted in many contractors seeking out experienced temporary works designers from the outset of a project.

BS 5975:2008 is the base standard for the design and checking requirements for temporary works and the definition of the appropriate level of competence and independence. This standard is consistent with those of the Highways Agency (BD2) and many industry leading contractors internal working practices.

Clancy have an extensive track record in the provision of temporary works design. Our experienced engineers are able to provide advice, design and checking services for a range of temporary works, and along with our extensive civil, structural and geoenvironmental experience we can provide advice on the most efficient way to tackle any temporary works issue in isolation or as part of the wider project.

We strive to provide our clients with the highest level of service to ensure we deliver safe, practical and economic solutions. We work closely with our clients to develop the concept, establish a full brief and deliver their requirements.

#### Ground Works

Excavation Shoring  
Piling Mats  
Mobile Crane Foundations  
Cofferdams / Shafts  
Tunnel Shoring  
Gabion / Retaining Structures  
Slope Stability  
Embedded Retaining Walls

#### Bridging

Temporary Bridges  
Bridge Jacking / Propping  
Bridge Sliding  
Temp Access Gantries (inc. Mobile)

#### Structural Support

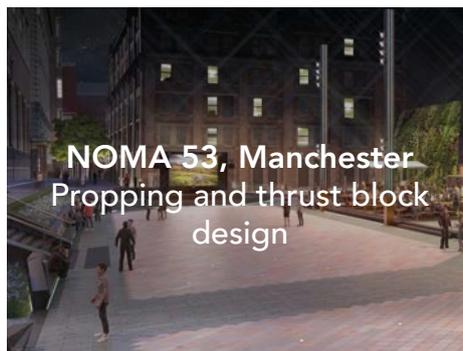
Falsework  
Formwork (proprietary and bespoke)  
Propping  
Temporary Platforms / Decks / Roofs  
Façade Retention

#### Other

Highways Agency BD 2 Design  
Stability Assessments  
Lifting Beams / Frames  
Scaffold Design (typ. non-standard)  
Needling / Masonry Restraint  
Fencing / Hoarding / Signs



**Adelphi Wharf, Salford**  
Design of the temporary thrust block foundations



**NOMA 53, Manchester**  
Propping and thrust block design

#### Other examples include:

- Middlewich Road, Sandbach - Tower Crane Foundations
- Martineau Centre & Lloyd House, Birmingham - Crash Deck Design & Mastclimber Advice
- Russell Building, Liverpool - Façade Propping (Grade 2 listed)