

Temporary Works

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 has 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

Structural Support

- Falsework
- Formwork (proprietary & bespoke)
- Propping
- Temporary platforms / decks / roofs
- Façade retention

Other

- Highways agency BD2 design
- Stability assessments
- Lifting beams / frames
- Scaffold design (typ. non-standard)
- Needling / masonry restraint
- Fencing / hoarding / signs

Bridging

- Temporary bridges
- Bridge jacking / propping
- Bridge sliding
- Temp access gantries (inc. mobile)



Adelphi Wharf, Salford

Design of the temporary thrust block foundations.



NOMA 53, Manchester

Propping and thrust block design.



University of Birmingham

Design of temporary access ramp, bridging slab, and cabin foundations.