

Temporary Works

Temporary Works are defined in BS5975 : 2008 as :-

“parts of the works that allow or enable construction of, protect, support or provide access to the permanent works and which might or might not remain in place at the completion of the works“

What has this got to do with you ?

- Surely this is a contractor thing
- Yes • BUT

The role of the Principal Designer is not to:-

Get involved with day to day site design and management of temporary works.

But to understand :-

The Temporary Works Design Brief

- Purpose of temporary works.
- Required dimensions and any known constraints.
- Particular loads including impact loads
- Ground conditions.
- Site conditions, including services, adjacent structures and access.
- Available materials and equipment.
- Construction sequence and loading stages.

Principal Designers should ensure

- Permanent work designers minimise the need for temporary works
- The permanent design considers the design and erection of TW
- Provision of information about the permanent design to inform the TW designers.
- Competence of PC's TW Systems
- Construction phase plan includes arrangements for controlling significant site risks such as temporary works
- Adequate designer coordination and cooperation where there is interaction between temporary works and permanent works

Why are temporary works important?

GOOD temporary works can bring....

- Better safety
 - Enhanced efficiency, quality, productivity
 - More certainty on completion times and cost
- BAD temporary works increase risk of....

- Injuries and/or fatalities
- Failure/collapse of permanent/temporary works
- Damage to adjacent properties/premises
- Delays and increased costs



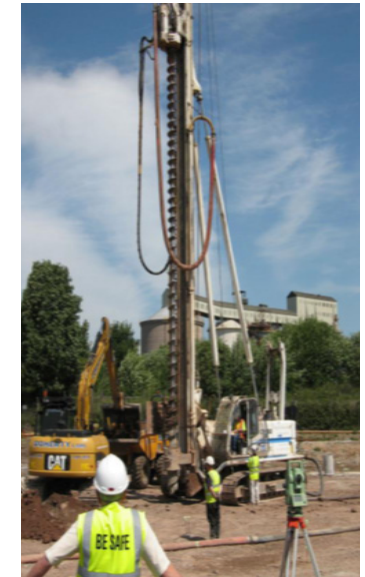
Loading platform



Framework & Falsework



Framework (Shuttering)



Completed piling platform