
Temporary Works Design



MSJ have designed various temporary works schemes for civils contractors.

These schemes have included:

- Sheet piling
- Contiguous piled walls
- Steel and reinforced concrete frames
- Falsework
- Back propping

MSJ have also provided contractors with advice on temporary stability and construction sequencing for a variety of projects including:

- Composite bridge construction
- Masonry bridge refurbishment
- Retaining walls
- Pumping stations
- General building construction and refurbishment



The photographs above illustrate temporary works designed by MSJ for the Dew Group on the M.E.P.A.S. Stage 5 project. This consisted of the support for two deep excavations to construct pumping stations. The design also involved construction sequencing and staged removal of the framing as the loads were transferred to the permanent works.