



CURRICULUM VITAE

Personal Details

Name: John Sharkey
Position: Technical Director – Temporary Works

Professional Qualifications

BE (Hons), Eur Ing, CEng, MICE, FIEI

Key Role Responsibilities

Responsible for client and design team liaison, fee negotiation, project finance, management of technical support staff and mentor to fellow professionals. Assists in the establishment of business strategy to improve practice performance and productivity with active marketing and client procurement.

Employment History

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| 2011 – Present | PGCS Partnership – Technical Director |
| 2006 - 2011 | KMG Partnership – Technical Director |
| 1998 – 2005 | Pinnacle Consulting Engineers – Associate Director |
| 1994 – 1998 | Fairhurst & Partners – Senior Project Engineer |
| 1993 – 1994 | Mason Pitdenrigh – Project Engineer |
| 1990 – 1993 | Shepherd Gilmour – Project Engineer |
| 1986 – 1990 | Samuely & Partners – Design Engineer |

Core Skills

Technical Director with 27 years' technical experience with management skills within private sector consulting engineering practices in the UK, specialising in the development, design and delivery of engineering solutions across a varied portfolio of building construction projects to agreed timescales and financial constraints. Collaborates closely with clients and other design team professionals and operates with a “hands on” approach delivering a fully focused approach with attention to detail and client’s requirements.

Commercially and technical aware, with a strong track record within the structural engineering sector and the technical credibility to direct a portfolio of building construction projects in the commercial, retail, industrial and residential building sectors. Experience in multi-storey rc / steel framed building structures with deep basement construction. Specific experience in Temporary Works acting as lead Temporary Works Engineer for main contractors and demolition contractors.



Temporary Works Experience

Experienced as lead Temporary Works Engineer on major construction projects for various Main Contractors and Demolition Contractors as follows:- John Sisk & Son Ltd, A J Morrisroe & Sons Ltd, Foundation Development Ltd, J Coffey Construction, Willmott Dixon Construction Ltd, Glenkerrin (UK) Ltd, Aitch Group, Grangewood Construction, DPT Ltd, Adelman Construction Ltd, Rydon Construction Ltd, Squibb Group & Metro Deconstruction Services Ltd. Scope of temporary works undertaken as follows:-

- Piling mat design
- Tower crane base design
- Temporary propping to deep basement & earth retention systems
- Facade retention, needling & shoring
- Temporary support to existing structures
- Back propping to new concrete framed construction
- Load assessment of structures for temporary construction loads
- Assessment and design of site hoarding
- Temporary support for climbing masts, hoists and concrete placing booms
- Temporary access ramps
- Scaffolding design checks

Experienced in all aspects of the temporary works approval process, i.e. undertaking Category 1 – 3 design checks, preparation of temporary works AIP documentation for submission to Highway Authorities and the preparation of Network Rail Form F002: Statement of Design Intent and Form F003: Certificate of Design & Checking of temporary works located on or adjacent to Network Rail sites / infrastructure.

Specific Temporary Works Project Experience

Project: 125 Wood Street, London
Client: Brookfield Multiplex
Clients Engineer: Arup / Robert Bird
Contractor: Squibb Group
Date: 2012
Role: Technical Director for Temporary Works

Details: Design of all temporary works associated with the part demolition / major structural alterations of existing 7 storey RC framed building with single storey building. Design of all temporary propping systems to maintain stability of the remaining building during the demolition process. Temporary steel tower to facilitate removal of 2nd floor rc transfer structure supporting rc columns above with temporary jacking to structure to control deflections. Preparation of AIP for design of



temporary works for submission to City of London for technical approval of highway structures.

Project: 77 South Audley St, London, W1K
Client: Rodeo Developments Ltd
Clients Engineer: Ramboll UK
Contractor: Squibb Group
Date: 2011
Role: Technical Director for Temporary Works

Details: Design of all temporary works associated with the demolition of existing 6 storey RC framed building with single storey building. Design of façade retention system and temporary propping to adjoining party walls to maintain stability of adjoining buildings during the demolition process. Preparation of AIP for design of temporary works for submission to Westminster City Council for technical approval of highway structures.

Project: 5 – 7 St Helens Place, London EC3
Client: O' Keefe Construction
Clients Engineer: Robert Bird Group
Contractor: Squibb Group
Date: 2011
Role: Technical Director for Temporary Works

Details: Design of all temporary propping to facilitate the demolition of an existing 5 storey steel framed building with double height basement.

Project: 127 – 131 Park Road, London NW8
Client: Amazon Investment Group Ltd
Clients Engineer: Arup
Contractor: Foundation Developments Ltd / Shepherd Construction Ltd
Date: 2011
Role: Technical Director for Temporary Works

Details: Design of temporary propping system to double height basement excavation for new 7 floor residential building. Temporary propping system consisted of lateral steel trusses, corner props and lateral props across the basement to support the basement sheet piled wall in the temporary construction condition. Preparation of AIP for design of



temporary works for submission to Westminster City Council for technical approval of highway structures.

Project: Library of Birmingham
Client: Birmingham City Council
Clients Engineer: Matthew Consultants
Contractor: A J Morrisroe & Sons Ltd / Carillion Building
Date: 2011
Role: Technical Director for Temporary Works

Details: Design of all temporary works items for new 10 storey RC framed building with PT floor slabs, wall & arches with single level basement construction. Significant temporary works comprised of bespoke temporary steel props and hydraulic jacks to allow bottom up construction of the hanging structure and to allow a smooth transition to slabs hanging from high level transfer structures in the permanent condition.

Project: Rathbone Market, Canning Town, London
Client: English Cities Fund
Clients Engineer: Ramboll
Contractor: John Sisk & Son Ltd
Date: 2011
Role: Technical Director for Temporary Works

Details: Review of all Frame Contractor's design for temporary works items for new high-rise residential blocks consisting of 21 storeys, 12 storeys, 8 storeys and 6 storeys with basement car park below ground floor transfer structure.

Project: Aylesbury Train Station Lift Installation
Client: Network Rail / Chiltern Railways
Clients Engineer: KMG Partnership
Contractor: John Sisk Rail Ltd
Date: 2009
Role: Technical Director for Temporary Works

Details: Design and checking of temporary propping works to facilitate the construction of new PC lift shafts on 2 operational station platforms comprising of temporary propping to existing station roof trusses and temporary support to lift pit excavations and surrounding temporary hoarding. Appointed as the Contractor's Responsible Engineer for the temporary works design. Preparation and submission of Network Rail Form



C for the design and checking of temporary works located on Network Rail sites.

Project: Jermyn Street, Piccadilly, London
Client: IVG (UK) Ltd / GraceMark
Client Engineer: Price & Myers
Contractor: John Sisk & Son Ltd
Date: 2009
Role: Technical Director for Temporary Works

Details: Temporary works design for façade retention of existing 5 storey period façade to facilitate the total demolition of the existing building for a new 5 storey steel framed building comprising office, retail and residential accommodation. Design of complex temporary propping system to the existing basement retaining walls to facilitate further excavation of the basement. Responsible for the preparation and submission of Approval in Principle documents to Westminster City Council for all temporary works items.

Project: Crowne Plaza Hotel Extension, Shoreditch, London
Client: Glenkerrin (UK) Ltd
Client Engineer: Taylor Whalley Spyra
Contractor: Glenkerrin (UK) Ltd
Date: 2009
Role: Technical Director for Temporary Works

Details: Temporary works design for new 5 storey hotel extension, consisting of temporary propping to masonry party wall, temporary propping to existing basement masonry retaining walls and new basement contiguous piled retaining wall. Design of tower crane piled foundation and temporary piling mat.

Project: Big Yellow Self Storage, Richmond Rd, Sheen
Client: Big Yellow Self Storage Co Ltd
Client Engineer: Campbell Reith
Contractor: John Sisk & Son Ltd
Date: 2007
Role: Technical Director for Temporary Works

Details: Temporary works design of façade retention of existing masonry perimeter wall, temporary propping to double height new basement contiguous piled perimeter wall, design of tower crane piled foundation and temporary piling mat. Review of site hoarding and falsework design.

Project: Chancery Place, Manchester
Client: Chancery Place Developments Ltd
Client Engineer: KMG Partnership
Contractor: John Sisk & Son Ltd



Date: 2007
Role: Technical Director for Temporary Works

Details: Coordination and review of all temporary works associated with the temporary propping of the double height basement perimeter contiguous piled wall for landmark 16 storey new build office development.

Project: Travelodge, City Road, London EC1
Client: Travelodge
Client Engineer: Whitbybird
Contractor: John Sisk & Son Ltd
Date: 2006
Role: Technical Director for Temporary Works

Details: Design of temporary propping works for the internal structural alterations in the existing 7 storey Grade II listed Lowndes House building forming part of a new Travelodge. Loading assessment of the existing Lowndes House structure for temporary Xena loading platforms and movement of prefabricated bathroom pods into position. Design of tower crane piled foundation and temporary piling mat for new 7 storey Travelodge building adjacent to Lowndes House.