



Capability Brochure

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Confidential

TEMPORARY WORKS CONSULTING & DESIGN LTD

Temporary Works support *without delay.*

Fast, practical Temporary Works Design, checking and advisory support for contractors, principal contractors, subcontractors and site teams.

*Design · Checking · RAMS · ITPs · Virtual Audits · Training ·
Mentoring*

DIRECTOR

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WHO WE ARE

An expert pair of hands for *contractor-side* Temporary Works.

Temporary Works Consulting & Design Ltd provides practical Temporary Works Design and advisory support to contractors who need fast, clear and reliable engineering input – not theoretical drawings that need re-interpretation on site.

- **Practical construction experience.** Designs are built around how plant, ground and site teams actually behave – not idealised assumptions.
- **Design and safety knowledge under one roof.** Temporary Works Designer and CITB trainer, with site-led delivery and CDM 2015 awareness through every output.
- **Contractor-focused approach.** Engineering tied to programme, cost and buildability – not just compliance.
- **Clear communication.** Calculations, assumptions, limitations and recommendations stated plainly. No ambiguity for the TWC or site team to absorb.
- **Remote and site-based support.** Virtual reviews, audits and design issue resolved without waiting for a site visit. Site attendance arranged where required.

LED BY

David J. Miller

MSc IEng · Temporary Works Designer

25+ years of senior multi-disciplinary experience across civil engineering, construction, energy infrastructure and high-risk environments. Active Temporary Works Designer and CITB trainer. International delivery: UK · EU · USA · UAE · Africa.

MSC CONSTRUCTION
MANAGEMENT

REPRESENTATIVE EXPERIENCE

Recent design output includes a **CAT 2 temporary haul road and geogrid-reinforced granular working platform** for an offshore-wind onshore project – engineered to **BS 5975:2024, Eurocode 7, BR 470 and TWf 2024.03**, with crane / plant load derivation, Giroud-Han thickness design, design risk assessment, full ITP and GA drawing. Representative of the workings issued on every package.



WHAT WE DO

Nine service lines. *One responsive consultancy.*

Engineering and advisory work covering the full Temporary Works lifecycle — from brief through design, check, installation, inspection and strike.

D

01

Temporary Works Design

Bespoke design for propping, shoring, hoardings, working platforms, piling mats, falsework interface, façade retention.

C

02

Design Checking

CAT 1 / CAT 2 / CAT 3 checking and check coordination — independent, traceable, signed.

B

03

BS 5975 Support

Procedures, Temporary Works Registers, design briefs, design risk assessments, permit systems, TWC/TWS coaching.

R

04

RAMS & ITPs

Method statements with clear sequencing and inspection regimes. ITPs with explicit Hold, Witness and Review points.

P

05

Hoardings · Propping · Excavations

Edge protection, hoarding design, excavation support, needling and stability checks during phased works.

M

06

Crane Mats · Piling Mats · Platforms

Granular working platforms designed against BR 470 (2004) and TWf 2024.03 — Giroud-Han and Eurocode 7 verified.

S

07

Scaffold & Access Support

TG20 / TG30 compliance-sheet review where applicable. SG4 / access-safety interface advice.

V

08

Virtual Site Audits

Remote review of drawings, photos, registers and method statements. Fast turnaround. Action-tracked output.

T

09

Training · Mentoring · Coaching

TWC/TWS development, site management coaching, contractor competency support. CITB trainer-led.



WHY CONTRACTORS USE US

Engineering that *moves at site pace.*

"One delayed design check or unresolved Temporary Works query can cost thousands. A flexible weekly support arrangement gives contractors access to practical advice before delay, rework or unsafe decisions escalate."

— OPERATING PRINCIPLE

01

Faster response

Designed for contractor pace. Most queries acknowledged same working day; many resolved within 24 hours.

02

Less site delay

Early review prevents avoidable stop-work events and last-minute design-check scrambles.

03

Clear design outputs

Workings shown. Assumptions explicit. Calculations traceable. No black-box engineering.

04

Practical, buildable solutions

Designs that survive contact with site. Sensible tolerances, achievable sequencing, real plant.

05

Cost certainty

Weekly arrangements give predictable cost. Ad hoc items scoped and priced before work commences.

06

Direct expert support

One point of contact. No account-management layer between you and the designer.

07

Reduced pressure on internal teams

TWCs, Site Managers and PMs offload technical review and gain an unbiased second opinion.

08

Support before issues escalate

Early intervention is always cheaper than urgent redesign or programme recovery.



WEEKLY SUPPORT MODEL

Four tiers. *One predictable agreement.*

Some companies need frequent Temporary Works support. Others need very little. A weekly support arrangement provides an agreed level of access, predictable cost and faster response – sized to actual involvement.

TIER	SUITABLE FOR	INCLUDES	WEEKLY FEE
01 Light	Contractors with occasional Temporary Works queries.	• Email / phone advice • Review of simple queries • Minor RAMS / ITP comments • Monthly TWR review • Basic virtual support	£[insert] / week Subject to involvement
02 Standard	Contractors with regular Temporary Works design and checking requirements.	• Priority email / phone support • Temporary Works Register review • Design brief review • RAMS / ITP review • Up to [insert] hrs support per week • Virtual site audit allowance	£[insert] / week Subject to scope
03 Active Project	Live projects requiring frequent Temporary Works input.	• Weekly coordination call • TWR / design brief review • RAMS / ITP review • Virtual site audits • Design & checking advisory input • Priority turnaround · action tracker	£[insert] / week Subject to scope
04 Project Critical	Projects with high Temporary Works demand or urgent programme pressure.	• Enhanced weekly availability • Multiple workstream support • High-priority response • Design planning meetings • Virtual audits · contractor mentoring • Weekly report	£[insert] / week Subject to scope

WEEKLY FEE IS SUBJECT TO:

- Number of live projects
- Number of design items
- Level of checking required
- Urgency / response expectation
- Site meetings
- Virtual audits



DESIGN OUTPUTS

Show the workings. *Justify the assumptions.*

Every Temporary Works output is prepared for the actual project – not copied and pasted from a previous submission. Outputs typically include:

- ✓ Clearly displayed calculations with explicit references
- ✓ Drawings and sketches sized to A3/A4 for site use
- ✓ Design assumptions stated up-front, not buried
- ✓ Design risk assessment per CDM 2015 Reg 9 (ERIC)
- ✓ Installation, use and dismantling risk considerations
- ✓ Inspection regime with explicit Hold and Witness points
- ✓ Loading restrictions called out plainly
- ✓ Revision control with status (P1 / P2 / C1 / C2)
- ✓ Clear conclusion and limitations of the design
- ✓ Direct notes for TWC and site team – not just for the file

DESIGN PRINCIPLE

"Designed for the actual project. Not copied from the last one."

Standard templates have their place – but a Temporary Works design package isn't one of them. Every site has a different subgrade, plant register, programme and crew. The design output should reflect that.

Each calculation is run against the project's stated loads, materials and ground conditions. Assumptions are flagged for verification. Hold points are written so the TWC can sign them off without ambiguity.

THE APPROACH – SHOW YOUR WORKINGS.



VIRTUAL AUDITS & MENTORING

Fast eyes on site — *without waiting for a visit.*

HOW IT WORKS

Send photos, drawings, the Temporary Works Register and a short site description. Receive a structured review with prioritised actions.

Virtual audits give site teams quick technical input when a physical visit isn't practical or affordable. They are not a substitute for statutory inspection — but they are an effective way to lift Temporary Works control and catch issues before they become incidents or delays.

A typical virtual audit covers:

- | | |
|---|---|
| ▲ Remote review of photos, drawings, videos and site conditions | ▲ Temporary Works Register review |
| ▲ Design brief review | ▲ RAMS review against the actual proposed sequence |
| ▲ Site setup observations — segregation, access, signage | ▲ TWC / TWS mentoring on specific items raised |
| ▲ Supervisor coaching on Temporary Works decision-making | ▲ Action tracker with priority, owner and target date |
| ▲ Follow-up report — issued in writing for the file | ▲ Optional weekly cadence under the support tiers |

NEXT STEPS

Send your Temporary Works Register or current *design query*.

Option 01

Request a quotation

Brief description of the scope, drawings if available, programme constraints. Quotation issued within two working days.

Option 02

Book a 15-minute call

Quick scoping conversation to understand the project, current Temporary Works workload and the right engagement model.

Option 03

Send your TWR for review

Forward your current Temporary Works Register. Free initial review of completeness, CAT assignments and outstanding items.

Option 04

Discuss weekly support

Indicative tier fee proposal issued after a short scoping call covering project mix, response expectations and inclusions.

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"Practical advice before site problems become expensive."