

Case Study 1 – Solar Programme

Project

Multi-Site Solar PV Installation Programme

Client

Major Energy Supplier

My Role

Principal Designer / CDM Advisor

The Challenge

A programme of solar PV installations delivered across multiple live sites, each with different structural conditions, access constraints, and operational requirements. The key challenge was maintaining consistent CDM compliance and effective design risk management across a rolling programme while managing work at height and integrating works into live environments.

What I Did

Acted as Principal Designer across the programme, coordinating design risk management and ensuring duties under CDM 2015 were clearly defined and delivered. Developed and standardised Pre-Construction Information to ensure consistency and usability across all sites. Led design risk reviews focused on safe access, work at height, and installation methodology. Worked directly with designers and contractors to challenge assumptions and align sequencing with live operational constraints.

The Outcome

Delivered consistent CDM compliance across multiple sites while improving the quality and clarity of Pre-Construction Information. Early-stage coordination reduced risk exposure and prevented common installation issues. Works were completed safely within live environments with minimal disruption to operations.

Case Study 2 – QMC Medical Centre

Project

Refurbishment Works – QMC Medical Centre

Client

Major Energy Supplier

My Role

Principal Designer / CDM Advisor

The Challenge

Refurbishment works within a live healthcare environment where patient safety, infection control, and operational continuity were critical. The project required careful management of phased works, segregation of construction activities, and coordination between multiple trades working in constrained and sensitive areas.

What I Did

Provided Principal Designer support throughout design and delivery, focusing on managing risks associated with working in an occupied clinical environment. Developed and reviewed Pre-Construction Information specific to healthcare settings, ensuring it addressed access, phasing, and operational constraints. Coordinated with the design team to align construction sequencing with clinical operations and challenged proposed methodologies where they introduced unnecessary risk or disruption.

The Outcome

The project is being delivered safely within a live clinical environment with minimal disruption to staff and patients. Phasing and segregation were effectively managed, and CDM compliance was maintained in a way that supported both safety and operational requirements.

Case Study 3 – National Retail / Leisure Refurbishment Programme

Project

Multi-Site Retail and Leisure Refurbishment Programme

Client

National Retail / Leisure Operator

My Role

Principal Designer

The Challenge

Fast-track refurbishment works across multiple sites, often within tight programme constraints and in partially operational environments. The main challenge was balancing speed of delivery with effective risk management, particularly where multiple trades were working concurrently and sequencing was critical.

What I Did

Acted as Principal Designer across multiple projects, managing design risk and coordinating between clients, designers, and contractors. Reviewed and strengthened Pre-Construction Information to ensure it reflected real construction risks rather than generic content. Challenged buildability and sequencing to reduce trade clashes and unsafe overlaps. Provided ongoing support to ensure that CDM duties were understood and implemented across all parties.

The Outcome

Projects were delivered to programme without compromising safety. Improved coordination reduced clashes between trades and avoided common sequencing issues. Clients were supported in meeting their CDM duties while maintaining commercial delivery targets.