

Strategic Design Stage – Early CDM Design Decisions of Mass and Form

The Problem / Challenge

Identification of the **key CDM design issues** to consider at the concept stage?

The risks

Constructing, maintaining and cleaning the building's structure and exterior safely. Other detailed CDM issues may be explored at later design stages.

The solution

Identify significant CDM Issues affecting the design :-

1. What is the **Cleaning and Maintenance Strategy** of the envelope and any large internal voids such as high spaces, atria or courtyards?
2. **Can it be built with reasonably practicable**, known or specialist constructional **techniques**?

The benefits

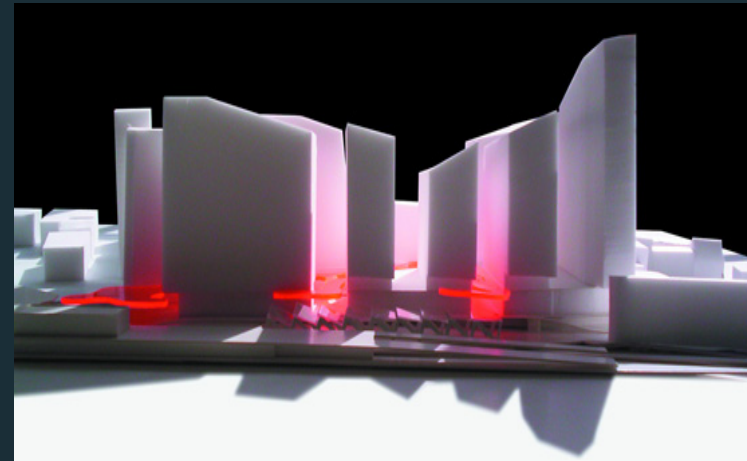
Early consideration of key CDM issues can simplify safety and set the tone for the entire project. Increased costs and project delays may be avoided.

Key Points

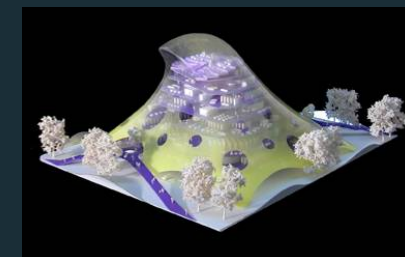
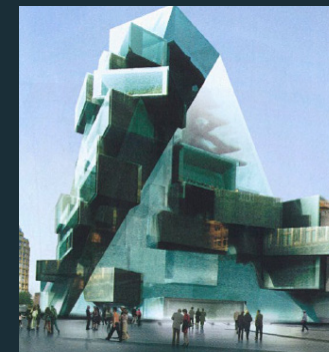
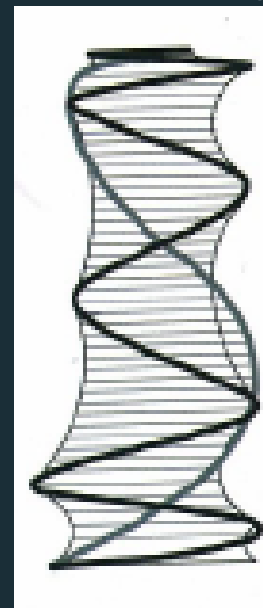
Liaise with the client ,FM team and CDM-C in reaching these early decisions.

There are clear advantages to **involving a contractor, CDM-C or a CDM experienced designer** at the concept stage.

- Early consideration of fundamental safety issues and buildability may avoid wasted effort at later stages



Challenging forms and structures



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Proportionate and Practicable CDM for Designers