LEAN COLLABORATIVE DESIGN DELIVERY



DESIGN DELIVERY STRATEGY

PROJECT DESIGN STRATEGY

- · Collaborative design processes, practices & behaviours
- · Design / construction strategy including level and type of BIM, DfMA, MMC, pre-fab
- Value management & engineering
- · Right first time design
- · Design team organisation, colocation
- Design planning, control & communication



Collaborative design delivery

HOW WE INTEND TO DELIVER

DESIGN DELIVERY PROGRAMME

COLLABORATIVE PLANNING & PROJECT MANAGEMENT

- · Design delivery programme aligned to target construction programme
- Design demand
- · Design system capability & capacity
- · Smoothed & prioritised design programme
- · Clear design deliverables & responsibilities



Collaborative target programming

TARGET DELIVERY PROGRAMME

LEAN DESIGN DELIVERY

LEAN DESIGN DELIVERY PROCESSES

- · Design team organisation & capacity
- · Design work pathway
- · Design Kanban pull & flow
- · Visual management
- Collaborative design
- · Design issue escalation



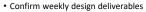


Design delivery visual management

LEAN DESIGN PLANNING & CONTROL

· Alignment to target construction programme

- · Agreed design priorities
- · Expedite escalated design issues



- Short-term look-a-head design delivery plan
- Design priorities & work allocation

· Design progress review

· Action emerging design issues



Performance Issues & losses



DELIVERING DESIGN TO THE NEEDS OF CONSTRUCTION

Building internal capability

tbi lean project pathway





ISSUE ESCALTION