

# Pre-cast Concrete Lift Shaft Walls

## The Problem / Challenge

Building lift shaft walls to high levels in multi-storey buildings using scaffolding.

## The Risks

Scaffolding access required for shaft walls, occupying large areas of the site. Man handling blockwork and steel reinforcement

## The Solution

Pre-cast concrete lift shaft walls installed with site crane. Bedding compound required between units can be applied from MEWP access. Units get installed one on top of another to form the lift shaft wall. Lifting eyes are pre-fixed into pre-cast concrete capping to enable lift installation and remove the need for a lifting beam.

## The Benefits

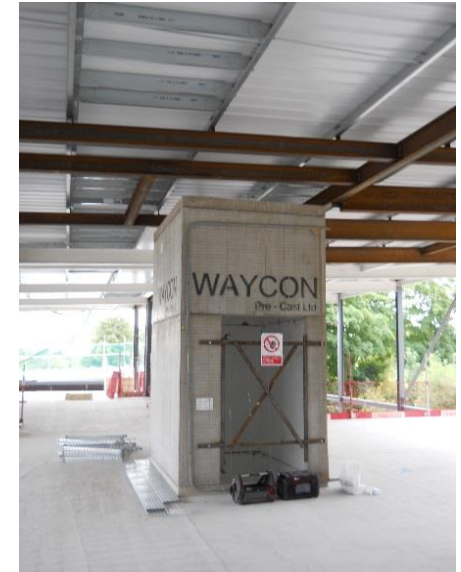
Safer method of construction, removing the necessity of heavy manual labour at height. Acceleration of construction programme as the build time is quicker and less space is occupied on site. Pre-cast lift shafts can also achieve required fire rating.

## Key Points

Review the design at an early stage to identify if it is possible to use the PC lift shaft units.



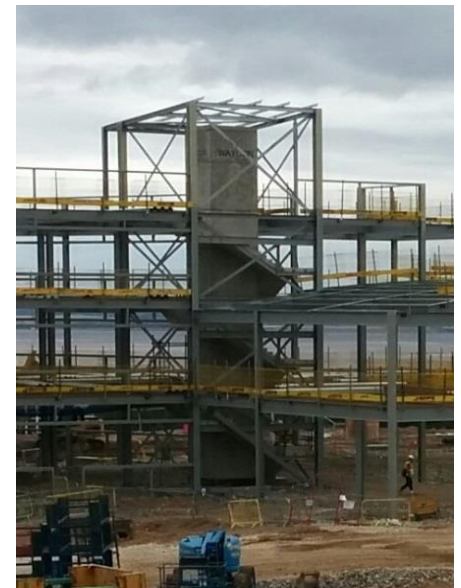
[Installed Shaft Units](#)



[Top of Shaft](#)



[Site View 1](#)



[Site View 2](#)