

# Common Towers

## What is a Common Tower?

A common tower hoist complex is a temporary structure that serves a building with up to three dual hoists, creating a compact and efficient footprint.

## Why Use a Common Tower?

A common tower is the most efficient configuration for projects requiring multiple hoists on site. By increasing flexibility in layout, common towers make multiple hoists a possibility within limited spaces.

## Benefits of a Common Tower

**Centralized access complex:** Utilizing a common tower allows hoists and temporary staircases to serve the building from one concentrated area, maximizing access and efficiency. The centralized access location benefits the construction site and reduces the impact on the building as well.

**Minimum impact on curtain wall:** By locating landing gates and hoist ties on the faces of the common tower, only discreet tower-to-building ties are needed on the face of the building. This reduces coordination with curtain wall installation and is especially beneficial for existing buildings where removing the façade would be difficult.

**Versatile hoist positioning:** Common towers free hoists from directly serving the building line, allowing for creative solutions to challenging site staging that straight-on hoist geometry cannot address.

**Adaptable design capabilities:** Infill extensions can be added to access complex building setbacks. Additionally, overhead protection for pedestrian traffic at grade can be incorporated within the common tower layout.

**Modular and scalable:** Common towers are built on site with modular components. Tower leg options include Systems™ Scaffold, hoist mast sections and specialized aluminum extrusions.



Empire State Building



Hudson Yards



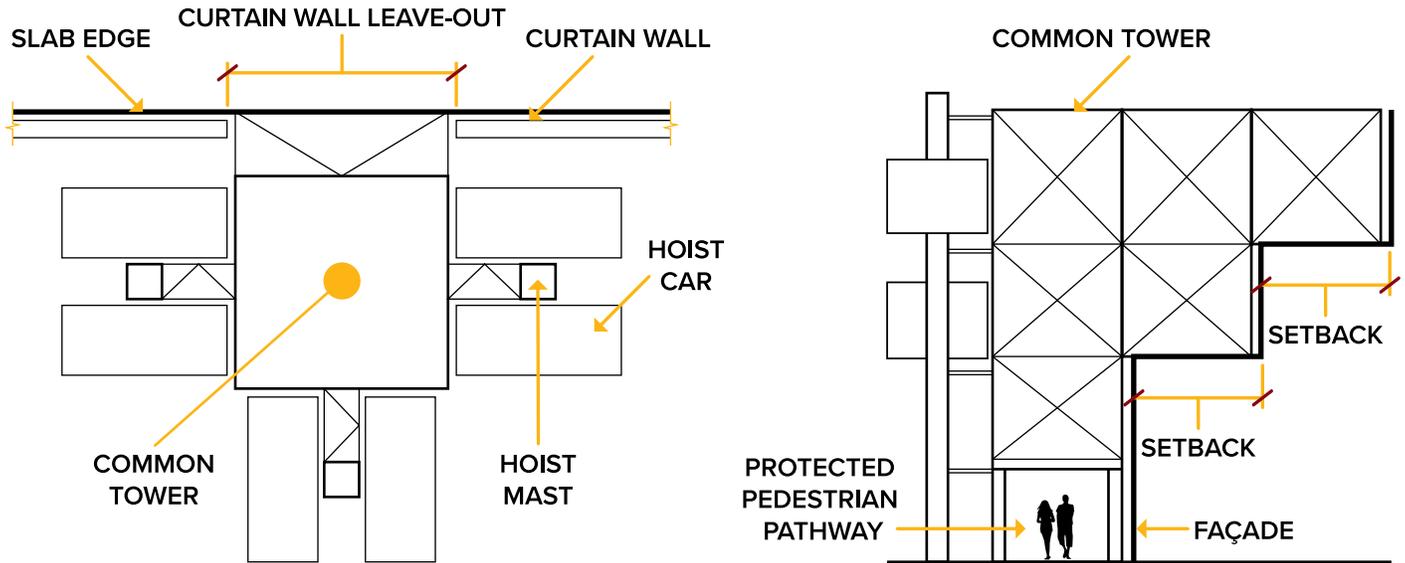
Central Park Tower

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# Common Tower Footprint

While the standard common tower is approximately 16' x 16', the size can be customized to suit project needs. Hoists can tie to and serve any combination of open common tower faces. The common tower and hoist arrangement results in a small footprint and concentrates the access in one place, thus optimizing site logistics and decreasing the impact on the building.



Hudson Yards Tower B



Central Park Tower



Empire State Building

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## Project Expertise:

- > Forming and Shoring
- > Supported Scaffold
- > Suspended Solutions
- > Hoists, Swing Stages, Transport Platforms and Climbers
- > Edge Protection and Netting
- > Advanced Engineering
- > Rental and Sales
- > Fireproofing and Firestopping
- > Insulation and Coatings

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