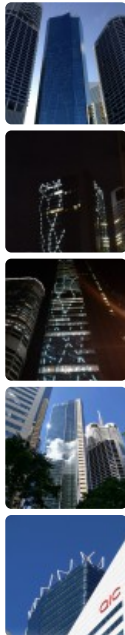


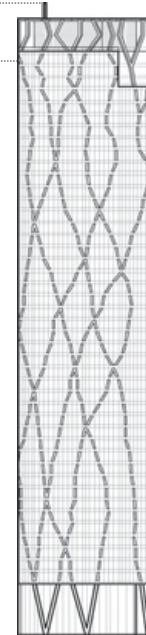
## One One One Eagle Street



Click an image to view larger version.



Height: To Tip  
199.7 m / 655 ft  
Height:  
Architectural  
194.7 m / 639 ft  
Height: Occupied  
180.7 m / 593 ft



Floors Above Ground 48  
Floors Below Ground 7  
# of Elevators 21  
Top Elevator Speed 8 m/s  
Tower GFA 88,345 m<sup>2</sup> / 950,938 ft<sup>2</sup>  
Development GFA 88,345 m<sup>2</sup> / 950,938 ft<sup>2</sup>  
# of Parking Spaces 114

### Facts

Official Name	One One One Eagle Street
Structure Type	Building
Status	COM
Country	Australia
City	Brisbane
Street Address & Map	<a href="#">111 Eagle Street</a>
Postal Code	4000
Building Function	office
Structural Material	composite
Energy Label	6 Star Green Star
Proposed	2006
Construction Start	2008
Completion	2012
Official Website	<a href="#">One One One Eagle Street</a>

### Companies Involved

Owner/Developer	GPT Group
Architect	<ul style="list-style-type: none"> <li>Design <a href="#">Cox Architecture</a></li> </ul>
Structural Engineer	<ul style="list-style-type: none"> <li>Design <a href="#">Arup</a></li> </ul>
MEP Engineer	<ul style="list-style-type: none"> <li>Design <a href="#">WSP Lincolne Scott</a></li> </ul>
Project Manager	<a href="#">Sweett Group</a>
Main Contractor	<a href="#">Leighton Contractors</a>
Material Supplier	<ul style="list-style-type: none"> <li>Paint/Coating <a href="#">AkzoNobel</a></li> </ul>

### About One One One Eagle Street

The site for the new tower on Eagle Street had several limitations and opportunities at the beginning of design which were addressed in creative ways through the process. An existing ramp and loading dock structure serving neighboring buildings was in place, limiting the design for the building core and column placement. Taking inspiration from the nearby fig tree groves, the structural design team devised an organic support system which transfers the loads in non-linear paths. This organic structure is expressed on the interior of the façade and exposed at the crown as a unique feature of the building.

In addition to the innovative organic structure, a "top-down" construction methodology was implemented which allowed the construction of the seven-level basement to coincide with the erection of the tower. "Plunge columns" were driven into the foundation piles from the ground level, which provided the necessary support for the towers while the basements were being excavated. This process saved roughly 6–12 months of construction time.

### CTBUH Initiatives

#### Warm Weather Spaces Walking Tours 2015

17 Sep 2015 – Tour Report

To submit more information or donate images for this project, please use our [submission portal](#).