

## **HOW TO BUILD THE IMPOSSIBLE**

PROVIDED BY GLEN-GERY CORPORATION

This presentation takes an in-depth look at the masonry component of the Dr. Chau Chak Wing Building façade. Shaped like a “crumpled up paper bag”, Frank Gehry’s complex design required the development of 5 unique brick shapes produced by the Brickworks Bowral Bricks facility in Australia. A bespoke wall tie was also developed to secure the bricks to the undulating substrate. This iconic building has been highly influential in shaping the resurgence of contemporary brick architecture throughout Australia.

Learning Objective 1:

Discover how the façade at UTS was designed and constructed

Learning Objective 2:

Determine how design limitations were overcome with the development of unique bricks

Learning Objective 3:

Identify the design details for the bespoke brick restraint system used

Learning Objective 4:

Describe the design development, engineering, fabrication of the UTS façade

Learning Objective 5:

Observe the installation and construction methods used on-site to achieve the highly detailed brickwork