

# Ella Apartments

Claremont St | South Yarra | VIC

**CLIENT**  
Six Star Construction

**ARCHITECT**  
Inhabit Design

**DISCIPLINES**  
Structural

**PROJECT COST**  
\$800 000



Situated in South Yarra, VIC, and standing at twenty levels, Ella Apartments is an impressive and sophisticated building. This residential development comprises one hundred and sixty-seven, one and two bedroom apartments with ground level retail and secure car parking. The building's façade features bronze hues and light panelling with apartments starting from level four.

Structerre relied on extensive skills and experience working with cold-formed steel, aluminium structures and connection details to achieve the architectural aspirations of this development.

We provided innovative designs for the façade elements to accommodate lifting of the elements and in-situ requirements. We designed the support frames with their complex panel geometries and delivered the lifting arrangement for all elements and frames. We checked all façade elements, including the connection to the edge slab or beam, as the entire load of the façade is supported by these connections. We also checked to ensure that the load of the horizontal forces was successfully transferred onto the main structure of the building. Once satisfied, Structerre provided certification of the façade elements and the connections.

Close collaboration, strong communication, and effective project management enabled us to deliver innovative design solutions that worked well with our client's construction requirements. Brian Nasr, our lead engineer on the project, feels extremely proud to have been part of this development. "We had the chance to work with architects who have designed some of the most iconic façades in Melbourne. Receiving positive feedback for the delivery of our services on this unusual design was an absolute highlight".

 Residential  Geotechnical  Commercial & Infrastructure  Inspect & Investigate  Energy Assessment  Environmental

WA | QLD | NSW | VIC

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