



Aurora Place, Sydney, Australia

Area: 625 m²

Architects: Renzo Piano Building Workshop

Structural & Façade Engineers: Arup Façade Engineering

Specialist Contractor: Austress Freyssinet Pty Ltd



Aurora Place features cast football and hamburger shaped nodes which transfer high tension loads in a laced single catenary structure. Prodigious tension detailing delivers a world-first overhead CBD piazza canopy.

All cast elements were exhaustively engineered and analysed.

The nodes were made from high-strength Duplex CE3MN stainless steel.

Casting quality was paramount due to continuous high tensile forces.

