

AURORA ON PIRIE



SOLID STRUCTURAL REPUTATION

CREATING WHAT MATTERS

With over 80 years of experience within the Australian building and infrastructure industry, Baulderstone were the design and construct contractor of choice for the Aurora on Pirie project in Adelaide.

For this multi-story office building, Baulderstone actioned a raft slab alternative for the construction which ultimately proved to be a time-saving solution for the project. In conjunction with a specialised stressed jointing system devised to reduce time periods between concrete pours, Baulderstone were able to complete the project eight weeks ahead of the scheduled contract completion date.

Each of the 12 levels of strata-tiled offices feature individually controlled air-conditioning, energy efficient sensor lighting and sustainable water usage solutions – assuring a range of premium energy solutions and comfort for future office space occupants. Other premium facilities on offer included; ground floor retail outlets with an on-site cafe, roof top function rooms, a Business Centre, a gymnasium, sauna and steam rooms, as well as a lap pool and spa.

Priorities for Baulderstone throughout the duration of the strata-title project were safety, program and quality. Baulderstone completed the project with their trademark optimal safety record and the development practically completed defect free.

Baulderstone's body of work extends throughout Australia and includes; the Sydney Opera House, Melbourne Etihad Stadium, Sydney's Anzac Bridge, the Adelaide Convention Centre and Brisbane's Story Bridge among others.

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Structural Systems is one of Australia's leading providers of specialist engineering, contracting and manufacturing services to the construction and mining sectors. Established in 1959 the company has expanded to include offices throughout Australia, the Middle East and the United Kingdom.

An acknowledged leader in the post-tensioning field, Structural Systems has a solid reputation for service, quality and innovation. Providing on-site labour and materials, Structural Systems has assisted in building some of the world's largest buildings, bridges and dams.

Specialising in the design and construction, supply and installation of post-tensioning works, Structural Systems also offers comprehensive monitoring and testing to full ISO quality standards. The company pride themselves on their exemplary safety record, with the ability to deliver their works within programme and as safely as possible being among their utmost priorities. With an aim to "exceed your expectations", Structural Systems are committed to the financial success of all their clients projects.

For the Aurora on Pirie project, Structural Systems' highly-skilled and multidisciplinary team completed the shop drawings, supply and

installation of post-tensioning. The components used by Structural Systems on the project were specific to their particular process, which consisted of high tensile strand, galvanised ducts, metal castings, anchor block and wedges and grout to fill the system after the concrete is placed.

Structural Systems' industry-leading expertise in post-tensioning is currently being actioned on the Adelaide Desalination Project, World Park, 140 North Terrace and the Walkerville Town Centre.

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