

Bunnings Head Office



Location

Australia

Client

First State Constructions

Project Value

AUD\$7.0 Million

Office Responsible

Cardno Grogan Richards

Responsibilities

Structural, Civil, & Hydraulic
Engineering

Contact

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local office

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Project Scope

Along with the challenges of a steeply sloping site, other obstacles included, soil contamination, an existing 3 storey building on the eastern boundary and a new development to the western boundary. Liaison with numerous external parties was required and successfully co-ordinated throughout the projects construction phase.

The office development in Cato Street Hawthorn was specifically designed as Bunnings National Head Office. This modern building, with strong building lines, houses 3 office levels and 2.5 levels of basement car parking.

The Lower Level Basement consisted of slab on ground construction. The upper levels were constructed of Post Tensioned concrete, which achieved slender and cost-efficient floor slabs. Supporting the suspended floors were reinforced precast concrete columns that were formed in controlled factory conditions, eliminating onsite formwork and reducing on site labour costs.

The roof consisted of a fully steel framed structure and incorporates architectural columns into the roofline, over the external balcony areas. With the clever use of precast panels and glass to the perimeter of the building, a modern and aesthetically appealing office development was constructed.

With Cardno Grogan Richards expertise

in design, documentation, co-ordination and site supervision, the new Bunnings office in Cato Street was delivered on time and on budget.