

109 Burwood Road, Hawthorn East



Location

Hawthorn, Vic, Australia

Project Value

AUD\$60.0 Million

Office Responsible

Cardno Grogan Richards

Responsibilities

Structural, Civil and Traffic

Project Scope

The 15,000m² office premises was built on the former Vatmi Industries site at 109 Burwood Road, Hawthorn East. The building includes 4 levels of office space and a 5 level basement which allows for 470 cars, making it one of the largest floor plates outside the Melbourne CBD.

The office building has a 4.5 star energy rating from the Australian Building Greenhouse Rating Scheme and will comply with the Victorian Government's new Office Accommodation Guidelines.

Structural design features include:

- Complex 5 level underground basement retention system.
- Innovative pre cast core design for lateral stability.
- Design of highly architectural steel feature facade along the Power St & Burwood Rd frontages.
- Feature pre cast concrete facades to all elevations.
- Innovative post tensioned floor systems throughout.

Cardno Grogan Richards traffic team worked closely with the client throughout the planning phase to achieve stringent parking and access conditions required by council. Their commission extended throughout the design and construction phases to ensure the most efficient functional designs for car park layouts and vehicle access were achieved.

Our civil engineers provided design and construction phase services for building drainage as well as pavements and crossovers to three street frontages.

Client

First State Development