

Stadium Apartments



Location

Melbourne, Australia

Client

Figgins Holdings, Deal Corp. & Robertson Group

Project Value

AUD\$12.0 Million

Office Responsible

Cardno Grogan Richards

Responsibilities

Structural Engineering

Contact

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Project Scope

A consortium of developers recognised the potential of an existing Australia Post Building for conversion into a residential development, incorporating an additional five levels.

The building is located on Little Bourke Street, adjacent to Spencer Street Station, opposite the walkway leading to the Colonial Stadium, hence the name Stadium Apartments.

The original six level building, built in 1913, had been used until recently as a mail distribution centre and is solidly constructed of reinforced concrete.

A careful review of existing floors, columns and footings by Cardno Grogan Richards determined that an additional five residential levels could be added to the original building.

Some modifications to the footings were required and internal reinforced blockwork stair and lift cores were used to enhance the vertical stiffness of the building.

The five new floors were constructed in structural steel and Bondeck, supporting concrete floors and lightweight internal and external walls. This system was selected in consultation with the builder, to accommodate their preferred construction techniques.