

Project Role: Structural Engineer

Construction Cost: \$45M

Client: Property Partners



Project Description:

The development comprises of two 6-storey blocks of 2-3 bedroom residential apartments and common areas such as pools and BBQ facilities over a single basement. The project also includes a large roof terrace, providing outside space for units, along with Retail/Commercial tenancy at road level facing Wharf Street. A single level basement provides for parking, storage and servicing requirements.

Yeats Consulting Involvement:

Yeats Consulting was commissioned to design and document the bulk earthworks, driveway crossover, external services and infrastructure, external footpath and verge construction for the development.

Project Summary:

Utilising reinforced concrete masonry walls supporting conventionally reinforced concrete slabs ensured an economic solution.

A post tensioned podium slab was used to minimise the structural zone required to transfer the residential load bearing grid to the carpark column grid.

A light weight structural steel roof was used to reduce the loading and maintain the architect's aspirations of form and shape.