



A former carpark on the corner of Sandgate and Buckland Roads and bounded by a railway line has been redeveloped into a new shopping centre with a Woolworths, ten specialty shops and basement car parking.

The building comprises a reinforced blockwork semi-basement with an insitu suspended concrete deck supporting the steel framed and concrete tilt panel shops.

The specialty shop framing was designed to be virtually column-free to maintain flexibility for future tenancy layouts and changes. The main feature of the development was the steel frame and glass canopy which forms the entrance to the courtyard at the heart of the village.

During construction, the basement plan area was increased by 15%. McVeigh engineers worked closely with the contractor to provide a 'design as we build' service to ensure the project program was not compromised by this significant project variation.

"I can recommend McVeigh's as a high quality engineering consultant who are well matched to the property development industry."

Peter Anderson - Property Solutions

Client / Property Solutions Group

Location / Nundah

Value / \$13 million

Services / Structural and Civil Engineering

Cost saving measures /	
development of an alternate basement layout	\$55,000
development of excavation support methods	\$25,000
revised loading dock	\$35,000
Cost Saved	\$115,000