

Pentagon Shopping Centre, Chatham

Our Services

- Site Investigation
- Geotechnical Design Advice



Geotechnical Investigation within Active Shopping Mall

Dunedin Properties are planning to expand the facilities at the Pentagon Shopping Centre. The development is to provide further mezzanine space and this requires the construction of additional piled foundations.

CGL organised and directed cone penetration and ground probing radar within the shopping centre during the Christmas shopping period. Works were undertaken out-of-hours and during the night to minimise disruption.

In addition, the structural engineer required the existing heavily reinforced concrete slab to be cored to verify original design drawings.

New pile foundations through deep soft alluvium are to be designed based on CPT information and **CGL** is providing advice on construction methods.

Client: Dunedin Properties and
Asset Management
Via Cameron Taylor Bedford