

Plenty Valley Shopping Centre (internal)



Location

Australia

Client

Westfield

Office Responsible

Cardno Grogan Richards

Responsibilities

Planning, Design, Construction

Project Scope

The \$200million expansion of Westfield's Plenty Valley Shopping Centre commenced in 2007, with the redevelopment seeing the centre grow from 22 to 148 specialty stores and over 49000m². Plenty Valley Shopping Centre is now anchored by Coles, Safeway, Target and Kmart, with opening achieved on the 22nd May 2008 following a 20 month construction period.

As part of the challenging redevelopment, Cardno Grogan Richards supervised extensive cut to fill earthworks, managing to recycle material present to give a level 1 structural fill. Throughout these works considerable amounts of Basaltic Rock were encountered, removed and crushed on site to provide class 3 FCR for the construction phase.

The sites drainage was upgraded as part of the reconstruction, with Cardno Grogan Richards replacing the existing flood path with a 1:100 year storm drain running beneath the building to the wetlands at the rear of the site.

Car parks and access roads were upgraded to cater for high traffic volumes, including an increasing number of heavy vehicles. The growing number of visitors to the site also necessitated the upgrade of surrounding roads and intersections, with Cardno Grogan Richards involved in their reconstruction.

During the upgrades, environmental factors required careful management, with major trees incorporated into designs, and protected during construction. Local flora and fauna also required extensive consideration, with the relocation of a large mob of kangaroos and the rare flax lily proving a significant challenge.

Contact

cardno@cardno.com

1300 782 171 (in Australia) or your local office

+61 7 3369 9822 internationally

www.cardno.com