



Client / Walker Douglas Investments

Location / Bowen Hills

Value / \$1.5 million

Services / Structural Engineering

A run-down office / warehouse building on a sloping site was transformed into a slick head office for Walton Construction.

One end of the building had subsided adjacent to a railway line and an existing rock-anchored retaining wall presented a challenge to our engineers. Working closely with the architects, our engineers designed a lightweight end wall and foundations to rectify the problem. A new lightweight floor was installed in one of the half-storey height warehouse areas and the existing roof was raised to provide a semi-basement carpark with an open plan, column free office above.

Cantilevered shading structures formed a part of the new glazed entrance which is now a prominent feature on Montpelier Road.