



The Portlink development is located on engineered fill overlying soft marine clays prone to large amounts of settlement.

Typically, buildings in this area are piled, at great expense to the client. McVeigh Consultants saved its client \$100,000 through sophisticated analysis to predict building movements under real loads and careful detailing - eliminating the need for piling in the foundations.

Client / Pradella Constructions & Barnsdel Investments
Location / Lytton
Value / \$7.5 million
Services / Structural and Civil Engineering

Cost saving measures /	
designed high level foundation solution to omit the need for piling on Lot 2	\$65,000
changed architectural grid to achieve more cost effective steelwork and tilt panel design	\$15,000
designed high level foundation solution to omit the need for piling on Lot 8	\$50,000
changed direction of roof slope resulting in reduction in building height of 1.0m	\$35,000
changed architectural grid to achieve more cost effective steelwork and tilt panel design	\$15,000
Cost Saved	\$180,000