

Clelands Distribution Centre



Location	Lyndhurst, Victoria
Client	Clelands Cold Stores (Aust) Pty Ltd
Contract	Detailed Design and Construction
Total Cost	\$29m
Duration	1999 - 2000



This cold store distribution centre was constructed to meet the demand for frozen and chilled food storage and the increasing requirements of supermarket retailers for 'just-in-time' delivery.

The main building of 25,000 m² contains 20,000 m² of chiller and freezer storage areas, delivery and receive truck docking systems, refrigeration plant and equipment and office accommodation. It consists of a series of steel portal structures on pad foundations, with the refrigerated areas enclosed by insulated wall and ceiling panels. The building's concrete floors were cast in situ and incorporate hardened wearing surfaces, a fully vapour-proof membrane, underfloor insulation and underfloor ventilation.

An adjacent truck maintenance facility of 1,000 m² provides all services and equipment required to maintain the client's

fleet of refrigerated trucks and trailers. External works such as roads, pavements, landscaping and the provision of site services were also constructed as part of the project.

In addition to constructing the facility, Leighton Contractors was responsible for acquiring and amalgamating the 15.4 ha site and obtaining the relevant statutory approvals for the development.

The project was completed three weeks ahead of schedule, allowing Clelands to meet its contractual commitments to a major supermarket chain. Additional works were incorporated into the project within the original program and contract value.