



# Blenners Transport, Darra

## Project Description

FDC (QLD) have completed the design and construction of Blenners Transport's new refrigeration storage facility and transport depot Darra, QLD.

The facility houses three 7,560cbm freezers capable of -30°C storage and two 5,040 cbm chillers running at 4°C. The freezers and chillers are fitted with rapid roller doors incorporating a new system to forgo the need for igloos and remove the risk of ice build-up. The 1,000sqm anteroom incorporates 12 loading docks, sunken scales and access into the DDA-compliant two-level main office.

To accommodate the trucks and drivers, the site offers 27 truck parking bays, dual refuelling bays with a 90,000L underground diesel tank, weighbridge, and a seven room driver relaxation complex.

The state-of-the-art facility provides modern refrigeration plant technology and fully automated landscape irrigation.

FDC successfully delivered this project in conjunction with Coldstore Refrigeration Services and McVeigh Consulting.

To see an awesome timelapse video of the project [click here](#)

## Project Features

- Three freezers (18m x 42m x 10m) capable of -30deg Celsius temperatures;
- Two chillers (12m x 42m x 10m) running at an ambient temperature of 4degs Celsius, one capable of being converted into a freezer.
- The freezers and chillers are fitted with rapid roller doors incorporating a new system to forgo the need for igloos and remove the risk of ice build-up;
- Anteroom (1,400m<sup>2</sup>) with an ambient temperature of 4deg Celsius, incorporating 12 loading docks, sunken scales and access into the main office;
- Dry store (2,500 m<sup>2</sup>), incorporating pallet storage and a 20 bay forklift recharge zone with epoxy flooring;
- Receiving office and recreational area;
- DDA compliant, two level main office (600m<sup>2</sup>) serviced by a glass elevator;
- Truck workshop (650m<sup>2</sup>) with 2 x 1200mm deep sunken service pits and parts store
- Dual refuelling bay and 90,000L underground diesel tank;
- Seven room drivers relaxation complex;
- Refrigeration chiller plant room and suspended concrete deck to hold the cooling towers;
- The latest hi-tech refrigeration plant;
- Weighbridge and driver control station;
- 100,000L water storage with auto top-up from an underground bore;
- 1,000m<sup>3</sup> detention tank under the 96-space carpark;
- Automated gates for the carpark and truck entry and exits;
- 27 truck parking bays;
- Fully automated irrigation for the landscaping;
- Provision for future expansion of the Freezer end of the shed;



- Provision for a truck wash to be installed.

### Project Size

31000 m2 (overall) 9093sqm (warehouse & amenities)

### Program

35 weeks