



Another shining example of the full integrated McVeigh approach to industrial building design. Simon National Carriers consists of a single 29,000m² warehouse and 1,300m² office to house their Brisbane transport facility.

This specialised facility incorporates six loading docks, wash bay, truck re-fuelling facility, servicing pits, internal weighbridge and driver bunk facilities to provide a complete operational solution for Simon National Carriers.

The facility also includes a post tension slab to the internal warehouse, for improved forklift performance. This was part of a structural design solution provided by McVeigh Consultants which also included a \$350,000 saving through delivering an efficient steel design for the warehouse and awnings.

Client / Simon National Carriers

Location / Carole Park

Value / \$17 million

Services / Architectural, Structural, Civil, Design Management, Project Management, Electrical, Mechanical, Fire Approvals Management (Including: Development Approval, Re-Fuelling Facility Approvals, Operational Works, QFRS Approval and Building Approval)

| Cost saving measures / | |
|--|------------------|
| addition of light weight roof bracing to awnings to reduce steel tonnage | \$125,000 |
| reduce tilt panel wall thickness | \$30,000 |
| using good engineering reasoning/ rationale after initial final steel design to further reduce steel tonnage | \$225,000 |
| 125kPa foundation bearing capacity adopted instead of 100kPa | \$10,000 |
| replaced columns in office space for masonry blockwalls | \$30,000 |
| deletion of 150ThK tilt panel wall between office and warehouse | \$25,000 |
| Cost Saved | \$445,000 |