

MACQUARIE SHOPPING CENTRE



PROJECT DETAILS

PROJECT LOCATION:
Macquarie Shopping Centre
Sydney NSW

COMMENCEMENT DATE:
August 2012

COMPLETION DATE:
November 2014

TYPE OF CONTRACT:
Design & Construct

CONTRACT VALUE:
\$17 Million +

GROSS FLOOR AREA:
138,500sqm

PROJECT MANAGER:
Rick Fewtrell

**CONSTRUCTION
MANAGER:**
Paul Logie

OVERVIEW TRADE PACKAGE

The job entails demolition of an adjoining property & construction of a new building on this site.

This site will also contain:

- 2 new substations,
- 2 new Main Switchrooms to integrate into the design.

This site will link to the existing centre via demolition of existing car parks & construction of a new mall & tenancies through this space. Demolition required Star Group to test, make safe and / or relocate services. We also had to undertake an extensive Dilapidation Report of the space to advise of services that were currently in need of repair.

This link eventually joined into the mall space of the existing shopping centre in four locations.

Electrical Design principles include safe design in phases of Construction, operation, maintenance and demolition of facilities, structures and equipment designed for electrical distribution

COMMERCIAL FACTORS

- The electrical systems will include but not limited to the Design & Construct of the following items;
- Power Supply & Reticulation.
- Main Switchboards.
- Demand Monitoring.
- Submain reticulation & Cable support system.
- Distribution Switch Boards .
- General and Decorative lighting.
- Emergency lighting and exit lights
- Lightning Protection system
- Lighting Control systems
- Communications Network
- Communications Systems.
- MATV
- Traffic Counting
- Hearing Augmentation

PROJECT CHALLENGES

Demolition required us to test , make safe and / or relocate services to keep all areas safe and open to the public.

This link eventually joined into the mall space of the existing shopping centre in four locations required extensive searches , detailed design and planning to ensure that existing centre services are not disrupted.

Keeping up with the ever changing wishes of the client, ensuring that these changes still allow us to meet brief and design and construction requirements. Staged hand over of areas.

Expanse of the site caused difficulties as it was 1500m via walkways from southern to northern site boundaries.

Meeting Greenstar initiatives

Interfacing with archaic systems in the existing centre.

PROJECT SPECIFICS

The AMP Macquarie Project is a landmark development for Scentre Group Design and Construction with construction costs of approximately \$400m will provide one of the finest retail and leisure destinations tailored to residents. This will showcase established local and international brands, aspirational fashion retailers, unique leisure and lifestyle retailers and the best fresh food offering in the area. Upon completion of this new centre will be around 138,500 square metres, making it the one of largest shopping centre in New South Wales.

The redevelopment plan includes the introduction of:

- A new two level mall linking David Jones with the existing centre and Myer
- A new Fresh Food Market including Coles
- Approximately 130 new specialty stores
- A further 1,050 car spaces
- On completion, the extension will place Macquarie Centre as one of the top ten centres by size in Australia.

