

Bureau of Meteorology Training Centre



Client

Bureau of Meteorology

Architect

Bourke & Bouteloup Architects

Builder

Harris HMC

Budget

\$1.5 mil

Location

Broadmeadows

Year

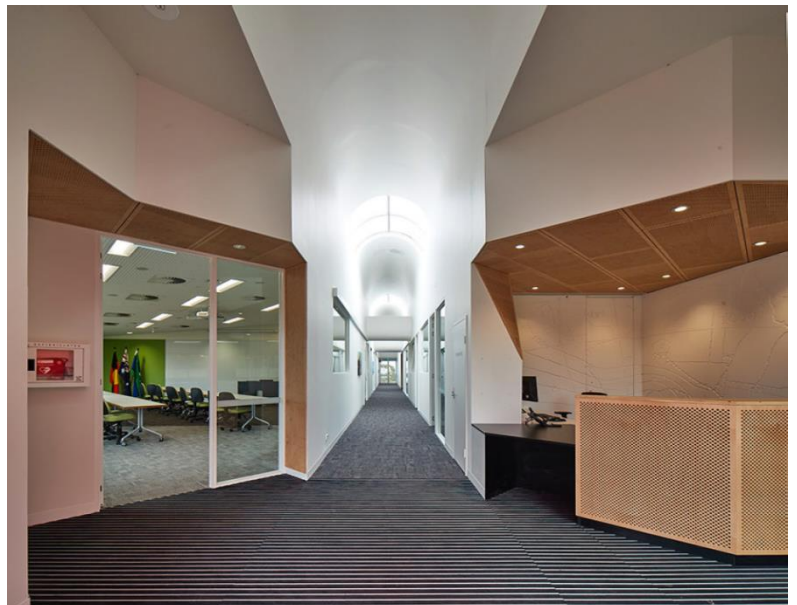
2016

Photos provided by Peter Benetts

Project:

The Centre is a world class training facility with access to sophisticated meteorological equipment. The Centre will also become a Disaster Recovery Site (DRS) for the Bureau's Head Office operational areas. The main building is 1380 sqm located on 16 hectares of land. The building consists of training/meeting rooms, office accommodation, store rooms, equipment rooms, workshops, plant and amenities.

In this substantial upgrade, new lecture spaces, DRS rooms, meetings, library, remote supervision rooms and offices are created within the main building. Reception, kitchen, lounge and amenities have gained new life in this upgrade.



Photos provided by Peter Benetts

BE Contribution:

BE designed major upgrade of building services. New Distributions Boards, new Mechanical Services Switchboards, new Fire Indication Panel, new Emergency Warning and Intercom System board, and new security system. New VRV air conditioning systems are provided together with new ventilation systems throughout the Centre. Organic response lighting control system was designed in conjunction with Dynalite lighting control integrated with AV control systems. Special acoustic treatment was given to noise sensitive rooms. Plumbing was fully upgraded to cater for new kitchen and amenities.

BE's design revolves around architect's concept of clean view of arched corridors and large areas of perforated ceiling. This challenges building services design especially mechanical systems design. BE worked closely with the architect and successfully delivered full-discipline building services design and documentation for tender within an extreme tight design timeframe to meet client program and to BoM standards.

Referees

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