

PROJECT PROFILE



Name: Macquarie University Library
C3C Design and Construct

Client: A W Edwards

Specifying Authority: Steensen Varming

Site Location: North Ryde, Sydney

Value at Completion: Approx \$9m

Year Completed: Late 2010

Project Description:

This state-of-the-art research facility has been designed with substantial consideration made to environmental issues, occupant comfort and document and exhibit conservation.

The building consists of 5 levels (2 levels below ground, 3 levels above ground) with a central atrium, and impressive facade. It will accommodate 3000 patrons in flexible learning spaces and 150 library staff.

Haden has been contracted to provide the:

- HVAC concept design
- detailed design including energy, ventilation & thermal comfort modelling
- all mechanical engineering and BMS
- all mechanical construction and installation.

Technical Highlights:

Energy efficiency measures include incorporating heat recovery enthalpy wheels, chilled water storage tank, economy cycle, demand control ventilation, 97% efficient condensing boiler and high performance heat transfer equipment.

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