

Monash University Health Precinct



Photographer *Lisbeth Grosmann*

Client
Monash University

Architect
Paul Morgan Architects

Builder
ISIS

Cost
\$2.32 mil

Location
Clayton Campus

Year
2014

Project:

The University Health Services at the Clayton campus provides health services to over 17,000 patients annually. Over the last two years, the Medical Precinct has been refurbished and expanded to accommodate GPs, allied health professionals, nursing staff, counsellors, clinical psychologists, dentists, physiotherapists, an optometry and a pharmacy.



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BE Contribution:

Braird Engineers was engaged to provide building services design and documentation under the lead consultant Paul Morgan Architects. This project involves a new dentistry, a new pharmacy, a new optometry, new Allied Health consulting rooms, new GP consulting rooms, a new staff kitchen, upgraded common reception area and a feature entry reception and waiting area. Building services design includes lighting, power, communications, security, air conditioning, ventilation, plumbing, fire detection and protection.

Particular challenges for building services design are provided by the new dentistry. All services are incorporated seamlessly with the new dental chairs, all the new equipment in the new sterilization room and the new OPG, and precisely coordinated with architectural details.

Creative lighting design placing ultra-thin LED panels behind the perforated decorative timber wall panels creates an inviting effect to the new reception area. The existing air conditioning systems have been re-zoned and modified to improve the energy efficiency, with the addition of two new package air conditioning systems. The new upgraded HVAC incorporates economy cycle (100% fresh air) into cooling and heating. New acoustic treatment has been adopted to ensure the privacy in consultation areas as well as creating a low noise environment to the entire health centre.

Referees

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