

MARKET LANE, STREETS AHEAD IN INNOVATION

Hickory Construction's Market Lane project, due for completion early next year will live up to its claim to be "an innovative space unlike any other".

Innovation claims extend to all aspects of the building from design and construction, to functionality and amenity, all factors that combined to achieve a 5-star NABERS rating for this outstanding project.

Mechanical Electrical Controls Pty Ltd (MEC) joined the project at the invitation of one of their strategic partners, Alerton Australia. "We viewed this as an incredible opportunity, one that was likely to challenge us on many levels, and that proved to be the case," said Andrew Walsh, Managing Director of MEC.

ACCEPTING THE CHALLENGE

The main challenge stemmed from the type of equipment proposed, its installation and control within the overarching high-tech building management system. Over 300 Minib floor convector units were installed within the false floor construction which is on a scale seldom seen. 'It wasn't something the MEC team had been involved with before" said Andrew. "But we understood the concept of the design proposal and so accepted the challenge" he added.

The MEC team set about engineering the control and wiring requirements, turning concept into reality. The resulting design is spread across eight Mechanical Services Switchboards (MSSB), each fitted out with Schneider Electric switchgear. The basement MSSB will feed and control the chilled water system consisting of condenser water cooled chillers, pumps, the carpark ventilation and the ground floors air handling equipment.

ELEGANT SOLUTIONS

An MSSB is located on levels one to five collectively serving the 300 plus floor convector units. Level 6 contains two switchboards separating essential and non-essential functions. One will supply the non-essential equipment such as the heating hot water system and pumps, cooling towers and pumps for the basement chillers, base building tempered air supply via AHU's and the miscellaneous ventilation fans. The other, essential MSSB serves the smoke spill system and atrium louvre control. Each MSSB is fitted with energy metering to provide the 5-star NABERS rating requirement.

The MEC onsite team is currently busy working with all parties on the installation to deliver this outstanding, quality project.

With work now progressing towards a successful conclusion MEC's Andrew Walsh, was drawn to reflect on the company



Andrew Walsh, Managing Director, MEC on site at Market Lane.



and the culture that drives it. "At MEC we work with some of Melbourne's most experienced mechanical contractors and we are constantly assisting our clients with problem solving solutions using our technical expert engineering and skilled trades people" he said.

"We will continue to challenge our ability, push the boundaries and focus on delivering an exceptional high level of service and quality time and time again and Market Lane is a prime example". He added.

Contact MEC via;
info@mecelectrical.com.au
03 8399 6990
www.mecelectrical.com.au

