

## **WATERMAN AHW DEVELOP THE GREENEST BUILDING IN NSW**

With a focus on delivering ecologically sustainable developments in Australia and internationally, Waterman AHW has raised the benchmark for building services in NSW by delivering the first 6 Star Green Star – Office Design rated project in NSW. The building known as Workplace6 (Darling Island Stage 3 – Pymont) being developed by GPT & Citta Properties and constructed by Buildcorp, features a broad range of the most sustainable building services systems and products currently available.

Included in the design is chilled beam cooling technology, co-generation systems using gas fired generator and absorption chiller, high efficiency electric chillers, harbour water heat rejection, black water (sewer) mining and recycling, advanced lighting controls including daylight compensation and dimming, carbon dioxide monitoring for minimum outside air modulation, solar hot water and other energy and water efficiency measures. The building was modelled using IES Virtual Environment to predict energy use and optimise design.

The building is extremely water and energy efficient and gained maximum available points in the Water category (13 out of 13) under Green Star - Office Design. It also scored 21 out of 24 available points in the Energy category including a 5 star plus 40% improvement predicted ABGR rating.

Waterman AHW is a multi-disciplined international Consulting Engineering company providing a comprehensive range of services across a wide range of construction related projects. Waterman AHW provides engineering services design for Mechanical, Electrical, Hydraulic, Fire, Structural, Civil and ESD disciplines including, services during construction and post practical completion.

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