

**Grammer School : Westbourne Grammer School | Truganina, Victoria**

**Breathing New Life**



**NOWarchitecture**  
[www.nowarchitecture.com](http://www.nowarchitecture.com)  
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Fitzroy, VIC 3065

**Other Elements by this Professional**

- Breathing New Life
- James Mitchell Centre

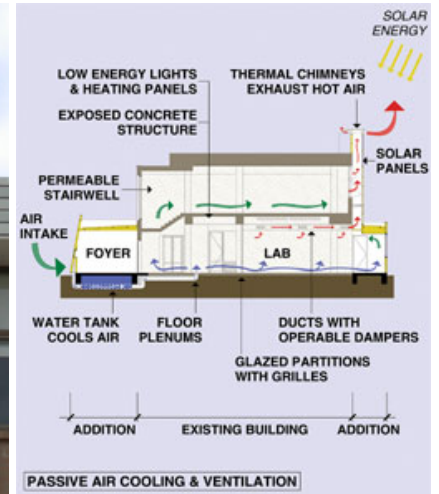
Thermal chimneys and an underground rainwater tank revolutionize this 1981 laboratory building. Fresh air is cooled by manifolds in the underground tank and induced through the building's louvered glazed partitions by thermal chimneys. The original concrete structure was stripped back to expose thermal mass for improved cooling and heating performance. Rainwater recycling, natural daylighting, photo-voltaics, low energy lights, and ceiling-mounted hydronic heating panels coordinate for frugal energy usage with high levels of comfort.

**Additional Info:**

2008 Design Collaberation Green Piece Gold Award Winner 2008  
Design Collaberation High Tech Bronze Award Winner

**Materials:**

Hydronic Heating System Hydrotherm Australia Pty Lt Photo-Voltaic Solar Panels Shott Solar ASI OPAK



**Photos:**

- Upper Left: D. Coomber
- Upper Right: P. Seiler
- Bottom: D. Coomber

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