

Crowd management at Olympic Park Station

The Olympic Park train station at Homebush Bay, Sydney was designed by architects Hassell Pty Ltd of Sydney in response to the Olympic Co-ordination Authority's brief calling for a major gateway to the Olympics which could handle up to 50,000 passengers per hour.

The building has a delicate light canopy incorporating laminated glass, which gives it a visible presence and provides shelter from the elements. The white aluminum ceiling reflects the light, which enters through a series of laminated glass strips (totaling around 500 m²) on the ridge and from the perimeter of the building. The laminated glass elements of the canopy have contributed to the energy efficiency of the station and allows it to be largely naturally lit.

Project architect with Hassell, Ken Maher told LGN: "Laminated glass was used for the roof glazing of the front canopy and strips of glazing across the structural ribs of the roof. The strips between the twin trusses allow ribbons of sunlight to penetrate the platform level, also illuminating the ceiling panels and accentuating the modeling of the roof."

"Viewed from the outside at night, the roof is highlighted by bands of light shining through the glazing, giving the building a glowing presence."



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The architect says: "The sunlight illuminates the ceiling panes, accentuating the modeling of the roof."

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