



MURTAGH BOND STRUCTUREBURO

MURTAGH BOND STRUCTUREBURO IS A MEMBER OF THE BOND JAMES GROUP

which was established in 1968 with offices in Sydney, Melbourne and Canberra, Murtagh Bond Structureburo operates primarily in the ACT and NSW region under the direction of Ken Murtagh, with a total of 30 staff across their three offices.

Mr. Ken Murtagh of Murtagh Bond recognises that the company is functioning amidst a constant flux in the construction industry. The reinterpretations of historical, traditional and new and revolutionary approaches to Engineering are all affecting the current design landscape.

"Solutions to successful construction systems often require development of unique methods. Many Consulting Engineers at this time place too much reliance on software solutions to design problems, and exclude the innovation aspect, or the 'art of structural engineering,' which is rarely evident in today's construction," said Mr. Murtagh.

Murtagh Bond derives strength from their ability to generate a building system for a project, basing each new system upon previous successful project systems where substantial time and cost savings have been generated.

Murtagh Bond dedicate themselves to Structural Engineering in quality Architecture. The firm has a long history of innovation, particularly in the use of prefabricated components for building in precast concrete and steel components. Murtagh Bond used these techniques for the NSW Institute of Technology tower on Broadway, and the Queens Square Law Courts, both iconic structures of the 1970s; and the first cable stayed structure at Bruce Stadium in Canberra.

These project proven methods of construction, as used by Murtagh Bond in such iconic projects of

the past, are also being fostered in the current construction landscape. Murtagh Bond embraced the use of precast components for the Rhodes Waterside project.

"Rhodes Waterside Origin structure combines external precast wall panels with the Ultrafloor precast floor system. Generally, internal party walls are made from the concrete filled wall shells of the ASF system. In basements, use has been made of fire engineered steel composite structure for columns supporting Ultrashell beams and slabs. The result of this combination of elements is a minimised need for formwork and reduced labour on site," said Mr. Murtagh.

"Murtagh Bond also operates in the Designer House area, where our abilities in problem solving lead to seamless engineering solutions in the minimalist style," said Mr. Murtagh.

Murtagh Bond has participated in the development of both wall and floor prefabricated products, which are now commonly used in the industry. This early involvement resulted in expansion in the use of these products and new applications have continued to be developed, refined and extended.

The success of Murtagh Bond's previous installations, including the Rhodes Waterside Origin structure, clearly exhibits the strength of system building. Rooted in the use of precast concrete methods common in the 1970s and composite steel structures from the 1960s, these systems have been expanded and made more sophisticated.

"In a building industry where construction costs are raising sharply, a return to system construction methods is the only opportunity to reduce costs and construction time," said Mr. Murtagh.

For more information on Murtagh Bond's full range of services, contact 02 6247 0011.

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