

bekker engineering
design buro Pty Ltd
certified practising
engineers

6 gurrigal street
mosman nsw 2088
P O box 591

northbridge nsw 1560
(02) 9960 6944
0411 570 948
bekker@spin.net.au

e n g i n u i t y

See our latest projects highlighting structural changes to landmark Sydney buildings.

Hotels and Pubs

Republic Hotel, CBD Sydney

Bekker Engineering Design Buro + Architects Tzannes and Associates + Fugen Constructions successfully updated this award winning hotel to remove the existing roof, converting the existing floor into a rooftop bar "Taylors" whilst enabling the venue to remain open for business. The team ensured the building remained structurally sound and waterproof during construction.

The AHA NSW Award for Excellence 2015 - Best outdoor/non-enclosed facility.



Palisade Hotel, Barangaroo, CBD Sydney

BEDB have adapted this iconic heritage building, The Palisade Hotel, Barangaroo, CBD Sydney. Alterations included a rooftop bar overlooking the new Barangaroo Park. Collaboration with award winning interior stylist Sibella Court. Engineering expertise was required to strengthen the existing heritage building to meet current criteria.



BEKKER

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- documentation
- inspections
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- structural advice
- on-site detention
- stormwater & civil dilapidation & condition reports
- drainage & structural concepts for DA
- insurance assessments
- accredited certifier

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Adaptive Re Use of Buildings

Data Centre Modernisation, Burwood, Sydney

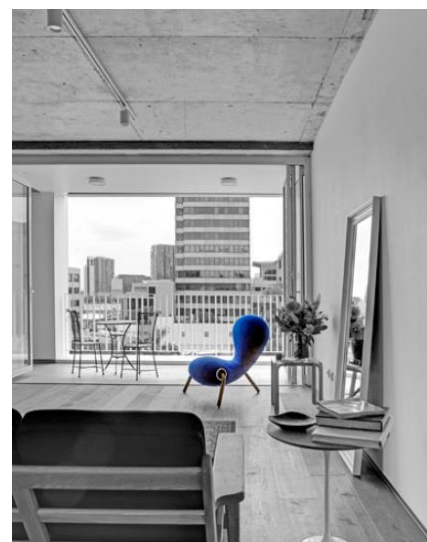
Structural modifications of the existing building working with the Frame Group and FDC Construction on this **\$50 million** project. We delivered the structural engineering requirements that enabled the strategies, processes and technologies to be implemented in a secure sector. The premises remained open for business during this construction process. We incorporated strategies to increase the load capacity of the computer floors to 12kPa.



Multi Residential

Studios 54, Waterloo Street, Surry Hills, Sydney

This modern urban residential development within a site area of approximately 126 sqm contains a commercial space and 4 single floor apartments above, capped with a communal roof terrace. Bekker structural engineering design worked with Hill Thalys Architecture + Urban Projects and the Developer/Builder – Trinium Group. Studios 54 won the AIA National Award – Multiple Housing in 2015. The Architectural Award noted this structure is “exemplary in demonstrating the relevance of remnant sites” in dense urban areas.



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