

# BELLMONT FACADE ENGINEERING



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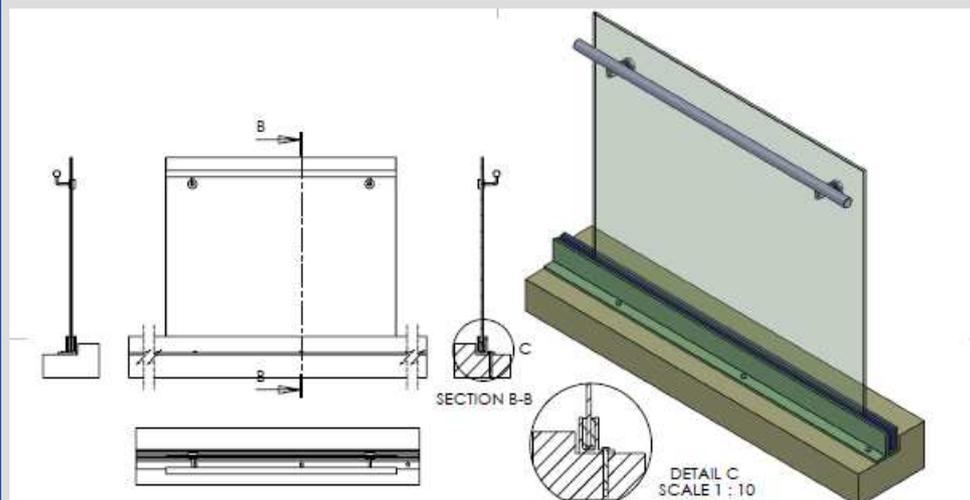
Welcome to the eighth edition of the Belmont Facade Engineering newsletter - The Belmont Bulletin.

Since our last edition our engineers have been very busy working on numerous tasks. In this bulletin we cover the recent waterproofing work which has been undertaken to Sydney University's Mechanical Engineering building.

Feel free to contact our office for all your building consultancy and engineering needs.  
Bill Moisis—Director

## Balcony Balustrade Certification

The BCA continues to emphasise building safety. The level of balustrade safety has continued to increase over the past 15 years. New systems are now required to withstand additional loading, remove the risk of climbing and yet remain practical to the project and aesthetically pleasing. It is important when designing balustrades that the



above requirements are achieved as well as compliance with the BCA and Australian Standards.

Bellmont has a vast amount of experience in designing balustrades and has the capabilities

to design, test, inspect and certify balustrades in accordance with the BCA and Australian Standards. (Pictured is the design which was recently completed for a project in Alexandria, NSW)

For any questions or enquiries regarding balustrades please do not hesitate to contact our office and speak with one of our highly trained engineers or myself.

## Waterproofing - Mechanical Engineering Building University Of Sydney

Established in 1850 the University of Sydney is one of the oldest Universities in Australia. Given its age, it is not surprising that a waterproofing problem arose through the roof of the Mechanical Engineering building.

Bellmont were engaged to prepare a specification of the works that were required in order to stop the building leaking water.

After inspection of the premises it was found that the old waterproofing membrane had deteriorated



and this

had caused the concrete to spall. In order for this issue to be rectified, Belmont specified a new 3 layer, torch on waterproofing membrane be laid on both the upper and lower levels of the roof. To complete the waterproofing system Belmont also specified concrete repairs and a silane treatment to the walls.

Bellmont continue to provide project supervision services of the works in progress.

Remedial Building Services is the contractor undertaking these works to Belmont's specification.



**Hayley Brooks:** [hbrooks@bellmont.net](mailto:hbrooks@bellmont.net)

*Hayley joins Belmont as the Marketing assistant. Having previously worked in the communications industry as a breakfast radio announcer and promotions manager Hayley has a great deal of experience working with clients and within a marketing role. Hayley will be available for all enquiries and looks forward to meeting with you.*

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