



20 August 2008

The General Manager
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Dear Sir/Madam,

**Re: Noble Bradman Redevelopment at Sydney Cricket Ground
Building Code of Australia Capability Statement**

Our company has been appointed as the Building Regulations Consultants for the Noble Bradman Redevelopment at the Sydney Cricket Ground.

We have undertaken a preliminary assessment of the architectural drawings (Nos. SP-01, PA-02 H, PA-03 H, PA-04 L, PA-05 M opt 1, PA-06 Media Box Shift, PA-07 A, PA-08 B, PA-09N, PA10 N) and various supporting documentation against the deemed-to-satisfy (DTS) provisions of the Building Code of Australia (BCA).

Building Description:

The New Noble Bradman Grandstand will be connected with the adjacent Members Stand by a bridge and will abut the existing Dally Messenger Stand. The Grandstands on the southern side of the ground will form one (1) united building and must comply with the requirements of the BCA as a single building. It is expected the building will be separated from the Members Stand. The Noble Bradman Stand including the Messenger Stand accommodate seating for approx. 14,000 persons over three (3) tier levels.

A new entrance forecourt is included providing new turnstiles and egress past the Sydney Football Stadium on Level 1. All levels from 1 to 3 are served by 2 passenger lifts and a goods lifts.

The north-eastern corner of the stand will be over the boundary with the Fox Studios site to the south of the SCG. This will require particular consideration. It is also proposed to move the scoreboard.

The following BCA Parameters will apply to the re-development of Hill Grandstand at the SCG.
These include:

Building Use:	Sporting Venue
Class of Occupancy:	8 and 9b
Type of Construction:	Type A
Rise in Storeys:	Four (4)
Storeys Contained:	Four (4)
Floor Area	Greater than 8,000m²
Effective Height:	Subject to further discussion

S:\Robert Briant\BCA Compliance Statement (DA submission) - 200808.doc

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Level	Use	Classification
Ground Floor	Lobby, change rooms, kitchen, loading dock and maintenance workshop.	8 & 9b
Level 1 (lower concourse)	Public / members seating area and food / bar service	9b
Level 2 (dining and function areas)	Members / trustees dining and seating area, suites, function areas and food service	9b
Level 3 (Upper concourse)	Members / media / public seating area and food / bar service	9b
Level 4 (Upper deck)	Members / public seating area	9b

Building Code of Australia 2008 Compliance:

The proposed re-development of the Noble Bradman Grandstand, Daily Messenger Stand and Scoreboard must comply with the relevant performance requirements of the BCA. Compliance can be achieved with the BCA by:

- (a) Complying with the Deemed-to-Satisfy (DTS) Provisions; or
- (b) Formulating an Alternative Solution which –
 - (i) complies with the performance requirements; or
 - (ii) is shown to be at least equivalent to the DTS provisions; or
- (c) A combination of the above.

I wish to advise our assessment has indicated compliance with the BCA will be achieved by a combination of compliance with the DTS provisions together with the documentation of alternative solutions in accordance with Clause A0.5 of the BCA, suitably prepared by an Accredited Fire Safety Engineer to achieve compliance with the performance standards of the BCA.

The issues raised in the Pedestrian Planning and Life Safety Concept Report issued by ARUP dated June 2008 appear to be readily addressed in the design development but it is recommended the scope of the report be increased to address egress from the ground floor.

Utilising the performance requirements of the BCA, the re-development of the Noble Bradman Grandstand will be subject to a performance based analysis in respect to perimeter fire brigade access, protection of openings, egress travel distances, crowd safety and movement during evacuation phase, and smoke hazard management in consultation with the NSW Fire Brigade.

After a review of the architectural plans, it is considered that compliance can be readily achieved with the Building Code of Australia 2008.



In summary, I wish to confirm that matters pertaining to compliance with the Building Code of Australia 2008 (BCA) will be suitably addressed prior to the Certification of Crown Development under Section 116G of the Environmental and Planning and Assessment Act 1979.

Should you require further assistance or clarification please do not hesitate to contact the undersigned at your convenience.

Yours sincerely

Robert Briant
Associate
Accredited Certifier – Grade 1 (BPB)

Brett Clabburn
Director
Accredited Certifier – Grade 1 (BPB)