

Sinclair Knight Merz  
100 Christie Street  
St Leonards NSW 2065 Australia  
Postal Address  
PO Box 164 St Leonards NSW 2065 Australia

Tel: +61 2 9928 2100  
Fax: +61 2 9928 2500  
Web: [www.skmconsulting.com](http://www.skmconsulting.com)



Bruce Greenwood  
Health Infrastructure  
Level 8, 77 Pacific Highway  
NORTH SYDNEY NSW 2060

Bruce.Greenwood@hinfra.health.nsw.gov.au

6 March 2012

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Dear Bruce

**Regional Cancer Centres: Gosford Fleet Car Park (Section 75W Amendment Application)**

Please find enclosed information relating to the proposed change to the planning application. The change is primarily concerned with the deletion of the Ward Street car park (South) and the amendment to the existing Fleet car park. The following issues have been discussed during the redesign:

- 1) The concept for the existing Fleet Car Park is attached. This details approximately 2255 m<sup>2</sup> reconfiguration of existing parking and 1150 m<sup>2</sup> extension to existing.
  - a) Amendments to the existing car park are to reconfigure the parking layout only. The existing car park does not comply with the 5% maximum gradient provision of the current standard, AS/NZS 2890.1:2004 "Parking Facilities Part 1: Off-Street Parking".
  - b) The proposed car park extension follows existing ground levels to avoid imported fill and creation of a terraced parking area with a retaining wall adjacent to Racecourse Road. The existing emergency access gates adjacent to Racecourse Road form a constraint to the proposed design. Maintaining the emergency access with the terraced parking the design would result in a smaller car park due to level and circulation issues. The proposed car park extension maintains the emergency access and maximises the number of car parking spaces. Therefore as no bulk earthworks proposed for the concept design and as such the proposed car park will also not meet the requirements of AS/NZS 2890.1:2004. AS2890.1 Clause 2.4.6 specified the maximum gradient within parking modules shall be 5% (measured parallel to the angle of parking or 6.25% (measured in any other direction). The standard does not provide any information on the basis of this requirement. However, SKM believe this requirement is based on access and mobility requirement of AS1428 and other practicality reason such as difficulty of entering or exiting the car while keeping the door open, slip while walking & etc.

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- 2) The aisle widths are 6.2 m, parking bays are 5.4 m length and 2.4 m wide. These comply with AS/NZS 2890.1:2004.
- 3) Internal circulation and traffic management has been tested using computer software. The results of the swept path analyses are included on the concept design.
- 4) The car park is enlarged from 86 car spaces to 120 car parking spaces. All additional traffic will access the car park from Hospital Road and majority of the car park traffic movement will occur outside of the peak period.

If you have any queries on the above please do not hesitate to contact me.

Yours sincerely

A handwritten signature in black ink that reads 'Brian Soo'.

**Brian Soo**

*Civil Engineer & Urban Planner*

Phone: +61 2 9928 2456

Fax: +61 2 9928 2510

E-mail: [BSoo@skm.com.au](mailto:BSoo@skm.com.au)

CC: Josh Fullerton – Coffey Projects

Encl: SKM Drawing Fleet Car Park

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