

4 November, 2024

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Christian Education Ministries
Attn: Simon Vant
By email

Dear Simon,

Updated Flood Emergency Response Plan – Australian Christian College Singleton, NSW

Martens and Associates (MA) have prepared this document to detail the changes made to the Flood Emergency Response Plan (FERP) for the above site in response to the flooding comments provided in the NSW Planning Panel's Record of Deferral dated 8 October 2024 (the Record of Deferral).

The FERP has been divided into two components:

- The *Flood Assessment and Flood Emergency Response Plan* (REF: P2410167JR01V02, October 2024, hereafter referred to as the MA flood assessment) which includes the background information; and
- The *Operational Flood Emergency Response Plan* (REF: P2410167JC01V01, October 2024, hereafter referred to as the MA operational FERP) which includes the flood emergency response procedures as a standalone document to enable easier implementation as part of the Operational Management Plan (OMP).

Both documents have been updated in response to the flooding comments in the Record of Deferral as detailed in Table 1.

Table 1: Response to flooding comments in the Record for Deferral (NSW Planning Panel, 8 October 2024).

Item	Reasons for Deferral	MA Response	Location
(viii)	A revision of the Flood Emergency Response Plan (FERP), in respect of the time taken to evacuate the site. The inclusions in assumptions made using standard practice that includes such things such as acceptance factor, traffic safety factor, warning lag time etc., and location of where students/staff will go.	The MA flood assessment has been updated to include details of evacuation timing based on the NSW SES <i>Singleton Local Flood Plan</i> (2018). The SES Plan indicates that 10 hours is required to evacuate the area, which includes consideration of various factors such as the warning acceptance factor, traffic safety factor, and warning lag factor. Further, the MA flood assessment indicates that approximately 16-24 hours of notice is available prior to evacuation route cutoff. As the warning time exceeds the time required to evacuate, there is sufficient time to fully evacuate the Singleton area, even with additional school traffic.	MA flood assessment – Sections 4.3.1 and 4.3.3

Item	Reasons for Deferral	MA Response	Location
(ix)	FERP is to be updated to reflect correct FFL and the Traffic and Access Operational Management Plan.	The report has been updated to correctly refer to the finished floor level (FFL).	MA flood assessment
(x)	<p>In Council's reporting, details of:</p> <p>a. A clear summary of the flood affectation of the site and the impacts that the proposal will have, and detailed consideration of clause 5.21 under SLEP 2013.</p>	The FERP has been updated to include a compliance assessment against Clause 5.21 of the SLEP.	MA flood assessment – Section 5

If you require any further information, please do not hesitate to contact our offices.

For and on behalf of

Martens & Associates Pty Ltd



Jeff Fulton

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Senior Project Manager / Principal Engineer