

Toby James | Midson Group

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Date: 14 November 2019

Re: St Luke's Grammar School, 800 Pittwater Road, Dee Why NSW 2099 – DA Support Statement_Rev 1

Dear Toby,

We have reviewed the DA drawings for the above project with the high-level list of non-compliances highlighted below which have been reviewed by MCD Fire Engineering.

Table 1: Summary of Performance Solution

No	Description of non-compliance	DtS Clause	Performance Requirement (A2.2(3) & A2.4)	Method of meeting Performance Requirements (A2.1)	Assessment Method (A2.2(2))
1.	To review and permit an increased fire compartment area of approx. 8,515 m ² instead of 8,000 m ² in a Type A building	C2.2	CP1, CP2	A2.1(1)	A2.2(2)(b)(ii)
2.	To review and permit the Stairs 6 and Lift 2 to be contained within the same fire isolated shaft.	C2.11	CP2	A2.1(1)	A2.2(2)(b)(ii)
3.	<p>To review and permit the following extended travel distances:</p> <p><u>Level 0 (Carpark) - Stage 1 and Stage 2</u></p> <ul style="list-style-type: none"> – Distance to Point of Choice 24m – Distance to a Single Exit 44m – Distance between Alternative Exits 86m <p><u>Level 1 - Stage 1</u></p> <ul style="list-style-type: none"> – Distance to Point of Choice 25m <p><u>Level 2 - Stage 1</u></p> <ul style="list-style-type: none"> – Distance to Point of Choice 27m – Distance to a Single Exit 44m – Distance between Alternative Exits 62m <p><u>Level 2 - Stage 2</u></p> <ul style="list-style-type: none"> – Distance to Point of Choice 27m – Distance to a Single Exit 44m – Distance between Alternative Exits 62m <p><u>Level 3 - Stage 1</u></p> <ul style="list-style-type: none"> – Distance to Point of Choice 22m – Distance to Point of Choice 33m (Roof Terrace) <p><u>Level 3 - Stage 2</u></p> <ul style="list-style-type: none"> – Distance to Point of Choice 27m – Distance to Point of Choice 33m (Roof Terrace) 	D1.4, D1.5	DP4, EP2.2	A2.1(1)	A2.2(2)(b)(ii)
4.	To review and permit the use of a horizontal exit serving a Class 9b School part.	D1.11	DP4	A2.1(1)	A2.2(2)(d)

No	Description of non-compliance	DtS Clause	Performance Requirement (A2.2(3) & A2.4)	Method of meeting Performance Requirements (A2.1)	Assessment Method (A2.2(2))
5.	To review and permit openings within 3 m of the boundaries or within 6 m of another building on the same allotment, and performance-based protection measures where applicable.	C3.2, C3.3	CP2	A2.1(1)	A2.2(2)(b)(ii)
6.	To review and permit openings within external walls within 4-6 of another fire compartment.	C3.2, C3.4	CP2	A2.1(1)	A2.2(2)(b)(ii)

We can confirm that an initial assessment has been carried out by MCD Fire Engineering and, as part of the Construction Certificate stage, a further detailed assessment in preparing a Fire Engineering Report will be undertaken in consultation with the Principal Certifying Authority, which will demonstrate that the above issues will comply with the Performance Requirements of the National Construction Code (NCC), Volume One aka as the BCA 2019: Building Code of Australia. This may be via either or a combination of the following:

- Become DtS by way of design development
- Comparison to the BCA DtS Provisions
- Compliance with the BCA Performance Requirements.

Yours Sincerely




Mark McDaid | Director | MCD Fire Engineering Pty Ltd

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