

John Phillpott | Property Development Manager | Uniting

Level 4 /222 Pitt Street, Sydney NSW 2000

Email: jphillpott@uniting.org

Date: 12 March 2018

Re: Edinglassie Aged Care Village, Emu Plains - Fire Engineering Statement for DA Submission – Rev 1

Dear John,

We have reviewed the Pre-DA drawings and BCA Statement¹ for the aforementioned project with the listed of non-compliances highlighted below which have been reviewed by MCD Fire Engineering.

Table 1: Summary of Alternative Solution

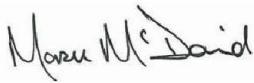
No	Description of non-compliance	DtS Clause	Performance Requirement (A0.10)	Method of meeting Performance Requirements (A0.5)	Assessment Method (A0.9)
1.	To permit smoke doors to swing in one direction only	C2.5, Spec C2.5	EP2.2	A0.5(b)(i)	A0.9(c)
2.	To permit the travel distance to exceed 20 m to the point of choice (up to 26 m).	D1.4	DP4, EP2.2	A0.5(b)(i)	A0.9(b)(ii)
3.	To permit the omission of C3.4 protection methods to openings located within 6 m of the discharge of fire isolated exits	D1.7	DP4, EP2.2	A0.5(b)(i)	A0.9(b)(ii)
4.	To permit the omission of fire hose reels from the fellowship centre (Class 9b)	E1.4	EP1.1	A0.5(b)(i)	A0.9(b)(ii)
5.	To permit the fire hydrant booster to not be strictly in accordance with the provisions of AS2419.1	E1.3, AS2419.1	DP4, EP2.2	A0.5(b)(i)	A0.9(b)(ii)
6.	To permit a AS2118.4 sprinkler system in lieu of a AS2118.1 system to the fellowship centre (Class 9b)	E1.5, AS2118.4	EP1.4	A0.5(b)(i)	A0.9(b)(ii)
7.	To permit the reduction/ rationalisation of the number and location of the mimic panels in the smoke compartments.	E2.2a, Spec E2.2a	DP4, EP2.2	A0.5(b)(i)	A0.9(b)(ii)

¹ BCA Compliance Statement by Blackett Maguire + Goldsmith dated 5 March 2018

We can confirm that an initial assessment has been carried out by MCD Fire Engineering and as part of the DA stage, a further detailed assessment in preparing a Fire Engineering Alternative Solution Report will be undertaken in consultation with the Principal Certifying Authority as part of the CC stage(s), which will demonstrate that the above issues will comply with the Performance Requirements of the BCA. 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 (absolute assessment).

Yours Sincerely



Mark McDaid | Director

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