

31 January 2011

Anthony Rice
Stamford Property Services Pty Limited
Suite 2, Level 10, 139 Macquarie Street
Sydney NSW 2000

Dear Anthony

Macquarie Village (110-114 Herring Road, Macquarie Park) - DA Letter of Support, Fire Safety Engineering

Please find below our fire engineering statement to accompany the DA submission for the proposed mixed use Macquarie Village development at 110-114 Herring Road, Macquarie Park.

As part of our preliminary fire engineering review, we have considered the following documentation:

- Building Code of Australia Assessment Report for Macquarie Village, reference CF10606-RP01-310111, dated 31 January 2011, prepared by Advance Building Approvals
- Architectural DA drawings prepared by Allen Jack+Cottier, outlined in [Table 1](#).

Table 1 DA Architectural Drawings

Drawing no.	Title	Issue	Date
10030_DA2001	Level B1 Plan	A	21/01/11
10030_DA2002	Level B2 Plan	A	21/01/11
10030_DA2003	Level B3 Plan	A	21/01/11
10030_DA2100	Ground Level Plan	A	21/01/11
10030_DA2101	Level 1 Plan	A	21/01/11
10030_DA2102	Level 2 Plan	A	21/01/11
10030_DA2103	Level 3 Plan	A	21/01/11
10030_DA2105	Level 5 Plan	A	21/01/11
10030_DA2106	Level 6 Plan	A	21/01/11
10030_DA2107	Level 7 Plan	A	21/01/11
10030_DA2108	Level 8 Plan	A	21/01/11
10030_DA2109	Level 9 Plan	A	21/01/11
10030_DA2110	Level 10 Plan	A	21/01/11
10030_DA2111	Level 11 Plan	A	21/01/11
10030_DA2112	Level 12 Plan	A	21/01/11
10030_DA2113	Level 13 Plan	A	21/01/11
10030_DA2115	Level 15 Plan	A	21/01/11
10030_DA2116	Level 16 Plan	A	21/01/11
10030_DA2117	Level 17 Plan	A	21/01/11
10030_DA2118	Level 18 Plan	A	21/01/11
10030_DA2119	Level 19 Plan	A	21/01/11
10030_DA2120	Level 20 Plan	A	21/01/11
10030_DA2121	Level 21 Plan	A	21/01/11
10030_DA2122	Level 22 Plan	A	21/01/11
10030_DA2123	Level 23 Plan	A	21/01/11
10030_DA2125	Level 25 Plan	A	21/01/11

Drawing no.	Title	Issue	Date
10030_DA3100	South Elevation	A	21/01/11
10030_DA3101	North Elevation	A	21/01/11
10030_DA3102	East Elevation – Herring Road + West Elevation	A	21/01/11
10030_DA3110	Section 1	A	21/01/11
10030_DA3111	Section 2	A	21/01/11
10030_DA3112	Section 3 + Section 4	A	21/01/11
10030_DA3113	Section 5	A	21/01/11

At this juncture, the Alternative Solutions outlined in [Table 2](#) are proposed based on variations from the Deemed-to-Satisfy (DtS) Provisions of the Building Code of Australia 2010 (BCA) identified by Advance Building Approvals. The proposed Alternative Solutions will be formulated to comply with relevant BCA Performance Requirements for the Construction Certificate (CC) stage.

Table 2 Non-compliances with DtS Provisions requiring Alternative Solutions

Item	BCA DtS Provisions	Proposed Alternative Solution
1	Clauses D1.4 and D1.5	<p>Extended travel distances within basement carpark:</p> <ul style="list-style-type: none"> Travel distance to a point of choice exceeds 20m Travel distance to the nearest exit exceeds 40m Travel distance between alternative exits exceed 60m <p>An Alternative Solution will be formulated to comply with BCA Performance Requirements DP4 and EP2.2.</p>
2	Clause D1.2	<p>Parts of Buildings Hunter, Young and Martin are only provided with a single exit.</p> <p>An Alternative Solution will be formulated to comply with BCA Performance Requirement DP4.</p>
3	Clause E1.3 and AS 2419.1	<p>Buildings Hunter, Young and Martin are not proposed to be provided with a hydrant ring main.</p> <p>The hydrant booster is not located at the main entrance of the building.</p> <p>An Alternative Solution will be formulated to comply with BCA Performance Requirement EP1.3.</p>
4	Table E1.5	<p>Buildings Hunter, Young and Martin are not proposed to be provided with sprinkler protection.</p> <p>An Alternative Solution will be formulated to comply with BCA Performance Requirement EP1.4.</p>
5	Table E2.2a	<p>A zone smoke control system is not proposed to be provided to the class 5, 6 or 9b portions of the building.</p> <p>An Alternative Solution will be formulated to comply with BCA Performance Requirement EP2.2.</p>
6	Specification E1.8	<p>The fire control room is not located at the front entrance of the building.</p> <p>An Alternative Solution will be formulated to comply with BCA Performance Requirement EP1.6.</p>

Based upon our preliminary review of the design, the proposed Alternative Solutions can be supported by performance based fire safety engineering.

Should you require any additional information, please do not hesitate to contact me on 02 8295 4426.

Yours faithfully



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