

OCCUPANCY PERMIT

Building Act 1993, Building (Interim) Regulations 2017
Regulation 1005 Form 6



ISSUED TO (AGENT OF OWNER)

Hamilton & Marino Builders Pty Ltd
47 Albert Street, Abbotsford 3067, VIC

OWNER

Axcnt Apartments Pty Ltd
Level 1, 109 Drummond Street, Carlton VIC 3053

PROPERTY DETAILS

205 Burnley Street, Richmond VIC 3121

MUNICIPAL DISTRICT

City of Yarra

NATURE OF BUILDING WORK

Construction of an 11 storey carpark, residential and commercial development.

BUILDING DETAILS

PART OF BUILDING	BCA CLASSIFICATION	PERMITTED USE	ALLOWABLE FLOOR LOAD	No. OF PEOPLE
BASEMENT 2				
Carpark	7a	Carpark	2.5 kPa	10
BASEMENT 1				
Carpark	7a	Carpark	2.5 kPa	10
GROUND FLOOR				
Lobby	2	Lobby	2 kPa	N/A
G01	2	Apartment	2 kPa	N/A
G02	2	Apartment	2 kPa	N/A
G03	2	Apartment	2 kPa	N/A
G04	2	Apartment	2 kPa	N/A
G05	2	Apartment	2 kPa	N/A
G06	2	Apartment	2 kPa	N/A
G07	2	Apartment	2 kPa	N/A
G08	2	Apartment	2 kPa	N/A
G09	2	Apartment	2 kPa	N/A
G10	2	Apartment	2 kPa	N/A
G11	2	Apartment	2 kPa	N/A
G12	2	Apartment	2 kPa	N/A
G13	2	Apartment	2 kPa	N/A
G14	2	Apartment	2 kPa	N/A
G15	2	Apartment	2 kPa	N/A
G16	2	Apartment	2 kPa	N/A
G17	2	Apartment	2 kPa	N/A
G18	2	Apartment	2 kPa	N/A
G19	2	Apartment	2 kPa	N/A
G20	2	Apartment	2 kPa	N/A
LEVEL 1				
Lobby	2	Lobby	2 kPa	N/A
101	2	Apartment	2 kPa	N/A
102	2	Apartment	2 kPa	N/A
103	2	Apartment	2 kPa	N/A
104	2	Apartment	2 kPa	N/A
105	2	Apartment	2 kPa	N/A
106	2	Apartment	2 kPa	N/A
107	2	Apartment	2 kPa	N/A
108	2	Apartment	2 kPa	N/A
109	2	Apartment	2 kPa	N/A
110	2	Apartment	2 kPa	N/A
111	2	Apartment	2 kPa	N/A
112	2	Apartment	2 kPa	N/A

113	2	Apartment	2 kPa	N/A
114	2	Apartment	2 kPa	N/A
115	2	Apartment	2 kPa	N/A
116	2	Apartment	2 kPa	N/A
117	2	Apartment	2 kPa	N/A
118	2	Apartment	2 kPa	N/A
119	2	Apartment	2 kPa	N/A
120	2	Apartment	2 kPa	N/A
121	2	Apartment	2 kPa	N/A
122	2	Apartment	2 kPa	N/A
123	2	Apartment	2 kPa	N/A
124	2	Apartment	2 kPa	N/A

LEVEL 2

Lobby	2	Lobby	2 kPa	N/A
201	2	Apartment	2 kPa	N/A
202	2	Apartment	2 kPa	N/A
203	2	Apartment	2 kPa	N/A
204	2	Apartment	2 kPa	N/A
205	2	Apartment	2 kPa	N/A
206	2	Apartment	2 kPa	N/A
207	2	Apartment	2 kPa	N/A
208	2	Apartment	2 kPa	N/A
209	2	Apartment	2 kPa	N/A
210	2	Apartment	2 kPa	N/A
211	2	Apartment	2 kPa	N/A
212	2	Apartment	2 kPa	N/A
213	2	Apartment	2 kPa	N/A
214	2	Apartment	2 kPa	N/A
215	2	Apartment	2 kPa	N/A
216	2	Apartment	2 kPa	N/A
217	2	Apartment	2 kPa	N/A
218	2	Apartment	2 kPa	N/A

LEVEL 3

Lobby	2	Lobby	2 kPa	N/A
301	2	Apartment	2 kPa	N/A
302	2	Apartment	2 kPa	N/A
303	2	Apartment	2 kPa	N/A
304	2	Apartment	2 kPa	N/A
305	2	Apartment	2 kPa	N/A
306	2	Apartment	2 kPa	N/A
307	2	Apartment	2 kPa	N/A
308	2	Apartment	2 kPa	N/A
309	2	Apartment	2 kPa	N/A
310	2	Apartment	2 kPa	N/A
311	2	Apartment	2 kPa	N/A
312	2	Apartment	2 kPa	N/A
313	2	Apartment	2 kPa	N/A
314	2	Apartment	2 kPa	N/A

LEVEL 4

Lobby	2	Lobby	2 kPa	N/A
401	2	Apartment	2 kPa	N/A
402	2	Apartment	2 kPa	N/A
403	2	Apartment	2 kPa	N/A
404	2	Apartment	2 kPa	N/A
405	2	Apartment	2 kPa	N/A
406	2	Apartment	2 kPa	N/A
407	2	Apartment	2 kPa	N/A
408	2	Apartment	2 kPa	N/A
409	2	Apartment	2 kPa	N/A
410	2	Apartment	2 kPa	N/A
411	2	Apartment	2 kPa	N/A
412	2	Apartment	2 kPa	N/A
413	2	Apartment	2 kPa	N/A

LEVEL 5

Lobby	2	Lobby	2 kPa	N/A
501	2	Apartment	2 kPa	N/A
502	2	Apartment	2 kPa	N/A
503	2	Apartment	2 kPa	N/A
504	2	Apartment	2 kPa	N/A
505	2	Apartment	2 kPa	N/A
506	2	Apartment	2 kPa	N/A
507	2	Apartment	2 kPa	N/A
508	2	Apartment	2 kPa	N/A
509	2	Apartment	2 kPa	N/A
510	2	Apartment	2 kPa	N/A

LEVEL 6

Lobby	2	Lobby	2 kPa	N/A
601	2	Apartment	2 kPa	N/A
602	2	Apartment	2 kPa	N/A
603	2	Apartment	2 kPa	N/A
604	2	Apartment	2 kPa	N/A
605	2	Apartment	2 kPa	N/A
606	2	Apartment	2 kPa	N/A

LEVEL 7

Lobby	2	Lobby	2 kPa	N/A
701	2	Apartment	2 kPa	N/A
702	2	Apartment	2 kPa	N/A
703	2	Apartment	2 kPa	N/A
704	2	Apartment	2 kPa	N/A
705	2	Apartment	2 kPa	N/A
706	2	Apartment	2 kPa	N/A

ALTERNATIVE SOLUTION

An Alternative Solution was used to determine compliance with the following Performance Requirements of the BCA that relates to this project:	
ALTERNATIVE SOLUTION:	PERFORMANCE REQUIREMENT:
1. To permit the grading of the floor in a bathroom/laundry to vary from the prescriptive provisions of AS 3740.	FP1.6
2. To permit the bathroom washbasin to residential apartments to function as a substitute to the laundry troughs in lieu of providing designated facilities.	FP2.2
3. To permit external cladding to meet the waterproofing performance requirements of the BCA	FP1.4

ALTERNATIVE SOLUTION CONT.

An Alternative Solution was used to determine compliance with the following Performance Requirements of the BCA that relates to this project:	
ALTERNATIVE SOLUTION:	PERFORMANCE REQUIREMENT:
4. To permit turning space on levels 2-7 to be located greater than 2m from a dead end in the public corridors in lieu of the prescriptive requirements as per AS1428.1-2009.	DP1, DP2
5. To permit the accessible carparking space to have a length of 4.9m in lieu of 5.4m as per AS1428.1-2009.	DP1, DP2
6. To permit the non-provision of direct access from the accessible carparking space to retail tenancy as per AS1428.1-2009.	DP1, DP2
7. To permit reduction in latch-side clearance on door to lift lobby as per AS1428.1-2009.	DP1 & DP2
8. To permit reduction of fire resistance levels of the retail tenancy on the Ground Level to (90)/90/90 in lieu of (180)/180/180.	CP1 & CP2
9. To permit the use of light weight construction to fire-rated load bearing elements on the top most storey of the building, instead of concrete or masonry.	CP1 & CP2
10. To permit public corridors in residential parts greater than 40 m in length on Level 1.	DP4 & EP2.2
11. To permit some openings within 3 m of a fire source feature to be unprotected.	CP2 & CP8
12. To permit extended travel distances from an SOU entry door to an exit in the	DP4 & EP2.2
13. following locations:	
• 16 m on L1 east tower	
• 21 m on L1 west tower	
• 14 m on L2 east tower	
• 17 m on L2 west tower	
• 15 m on L3 west tower	
• 14 m on L4 east tower	
• 15 m on L4 west tower	
14. To permit extended travel distance from an SOU entry door on the Ground Floor to point of choice to an exit of 22 m instead of 20 m.	DP4 & EP2.2
15. To permit extended travel distance in the following locations:	DP4 & EP2.2
• B2 of 29 m to a point of choice	
• B2 of 53 m to an exit	
• B1 of 23 m to a point of choice	
• B1 of 48 m to an exit	
16. To permit the internal discharge of the fire isolated stairway on ground level from Stair 1 and 2.	DP5
17. To permit the connection between rising and descending stair flights on the level of discharge in Stair 1 and 2.	DP5
18. To permit combustible insulation component to external walls on the internal side of concrete walls.	CP2 & CP4
19. To permit protection measure to fire services test drain pipe penetration to fire isolated stairway.	CP2, CP8, & DP5

PRESCRIBED REPORTING AUTHORITIES

The following bodies are prescribed reporting authorities for the purposes of the application for this permit in relation to the matters set out below:		
DETERMINATION:	MATTER REPORTED ON:	REGULATION:
1. City of Yarra	Point of discharge of storm water	Regulation 610
2. City of Yarra	Protection of Adjoining property	Regulation 604
3. MFB	<ol style="list-style-type: none"> 1. To permit an external booster to be within 10m of the building without the compliant passive protection. 2. To permit internal fire hydrant coverage shortfalls to the basement carpark levels and upper residential levels. 3. To permit the omission of fire hose reels from retail tenancies less than 200m². 4. To permit the use of in-line water meters (mag flows) on the incoming dedicated fire water supply. 	Regulation 309 / 1003

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CERT. NO.: 1501/2016/004254/OP

PRESCRIBED REPORTING AUTHORITIES CONT.

The following bodies are prescribed reporting authorities for the purposes of the application for this permit in relation to the matters set out below:

DETERMINATION:	MATTER REPORTED ON:	REGULATION:
	5. To permit sprinkler control valves to be located in basement carpark level 1 in lieu of being located which has direct egress to a road or open space. 6. To permit an internal fire hydrant greater than 4m from on exit on the ground floor. 7. To permit the fire pump room to be located within the upper most basement carpark level in lieu of directly from a road or open space. 8. To permit the location of the internal fire hydrants to be on:- <ul style="list-style-type: none"> • A mid-landing on basement carpark level 1 within stair 1. • A mid-landing within the Fire Isolated Exit Stair 1 on the ground floor. 	

CONDITIONS

Occupation is subject to the following conditions:

1. The Essential Safety Measures must be maintained in accordance with Appendix A, refer to the attached Schedule of Essential Safety Measures.

APPROVED LOCATION FOR DISPLAY OF OCCUPANCY PERMIT

The approved location for display of this permit for the purposes of regulation 1007 is within the main entrance/foyer.

SUITABILITY FOR OCCUPATION

The building or part of the building to which this permit applies is suitable for occupation.

DATE OF INSPECTION

14/05/2018


RELEVANT BUILDING SURVEYOR

Gavin Casey

BUSINESS

Checkpoint Building Surveyors – 226 Normanby Road Southbank VIC 3006

SIGNATURE



REGISTRATION No.

BS-U 1501

CERTIFICATE No.

1501/2016/004254/OP

DATE

1/06/2018

NOTES:

1. In the case where this permit is issued in relation to building work it is evidence that the building or part of the building to which it applies is suitable for occupation. This occupancy permit is not evidence compliance with the Building Act 1993 or the Building (Interim) Regulations 2017; and
2. Regulation 1215 of the Building (Interim) Regulations 2017 requires the owner of a building to maintain all essential services.

APPENDIX A – SCHEDULE OF ESSENTIAL SAFETY MEASURES

Building Act 1993, Building (Interim) Regulations 2017

checkpoint
building surveyors

Property Details: 203 - 213 Burnley Street, Richmond - 3121

Certificate No. 1501/2016/004254/OP

TABLE 1 ESSENTIAL SAFETY MEASURES

PART 1 – BUILDING FIRE INTEGRITY

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
Building elements required to satisfy prescribed fire resistance levels Structural members	Section C, D1.12	Yearly as per AS1851 – 2012 – Section 12 Table 12.4.2 Annual Inspection for damage, deterioration, or unauthorised alteration
Building elements required to satisfy prescribed fire resistance levels Fire and smoke barriers - walls, service penetrations and control joints	Section C, D1.12	Yearly as per AS1851 – 2012 – Section 12 Table 12.4.1.1 Annual Inspection for damage, deterioration, or unauthorised alteration
Building elements required to satisfy prescribed fire resistance levels Fire and smoke barriers – Floors, service penetrations and control joints	Section C, D1.12	Yearly as per AS1851 – 2012 – Section 12 Table 12.4.1.2 Annual Inspection for damage, deterioration, or unauthorised alteration
Building elements required to satisfy prescribed fire resistance levels Fire and smoke barriers – ceilings, service penetrations and control joints	Section C, D1.12	Yearly as per AS1851 – 2012 – Section 12 Table 12.4.1.3 Annual Inspection for damage, deterioration, or unauthorised alteration
Materials and assemblies required to satisfy prescribed fire hazard properties	C1.10	Annual Inspection for damage, deterioration, or unauthorised alteration or for any new materials installed.
Elements required to be non-combustible.	C2.5 to C2.14, C1.1, C3.3, C3.11, D1.7 - D1.8, E1.3, G3.4	Annual Inspection for damage, deterioration, or unauthorised alteration or for any new materials installed.
Fire doors Residential apartment Other fire rated doors Sliding fire rated doors	C2.12 to C2.13, C3.4 to C3.8, C3.10 to C3.11, D1.7 to D1.8, D1.12	AS1851 – 2012 – Section 12 Yearly Table 12.4.3.1 6 monthly Table 12.4.3.1 3 and 6 monthly Table 12.4.3.2
Solid core doors and associated self-closing, automatic closing and latching mechanisms Residential apartment Other solid core doors	C3.11	AS1851 – 2012 – Section 12 Yearly Table 12.4.3.1 6 monthly Table 12.4.3.1
Smoke doors and associated self-closing, automatic closing and latching mechanisms	Specification C2.5, D2.6 and fire engineering assessment report	AS1851 – 2012 – Section 12 6 monthly per Table 12.4.4

**PART 2
ESSENTIAL SAFETY MEASURES – MEANS OF EGRESS**

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
Paths of travel to exits	D1.6	Inspection every three months to ensure there are no obstructions and no alterations
Discharge from exits (including paths of travel from open spaces to the public roads to which they are connected)	D1.7, D1.9 to D1.11, D2.12, G4.3, G4.6, G4.7	Inspection every three months to ensure there are no obstructions and no alterations
Exits (including fire-isolated stairways and ramps, non-fire isolated stairways and ramps, stair treads, balustrades and handrails associated with exits, and fire-isolated passageways)	D2.2 to D2.3, D2.8 to D2.11inc., D2.13, D2.16 to D2.17	Inspection every three months to ensure there are no obstructions and no alterations
Doors (other than fire or smoke doors) in a required exit, forming part of a required exit or in a path of travel to a required exit, and associated self-closing, automatic closing and latching mechanisms	D1.6, D2.19 to D2.21, D2.23	Inspection every three months to ensure doors are intact, operational and fitted with conforming hardware

**PART 3
ESSENTIAL SAFETY MEASURES – SIGNS**

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
Exit signs (including direction signs)	D1.12, E4.5, E4.6, E4.8	Every six months to AS/NZS 2293.2-1995
Signs warning against the use of lifts in the event of fire	E3.3	Annual inspection to ensure the warning sign is in place and legible

**PART 4
ESSENTIAL SAFETY MEASURES – LIGHTING**

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
Emergency lighting	E4.2, E4.4	Every six months to AS/NZS 2293.2- 1995
Artificial Lighting required to assist occupant movement and egress	F4.4,	Annual inspection

PART 5

ESSENTIAL SAFETY MEASURES – FIRE FIGHTING SERVICES AND EQUIPMENT

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
Fire hydrant system	E1.3	AS 1851 - 2012 Section 4 Monthly - where pumps are installed 6 monthly Yearly 5 yearly
Fire hose reel system	E1.4	AS 1851 - 2012 Section 9 6 monthly - Table 9.4.1 Yearly – Table 9.4.2
Sprinkler system	E1.5	AS 1851 - 2012 Section 2 Monthly 6 monthly Yearly 5 yearly 10 yearly 25 yearly 30 yearly
Portable fire extinguishers	E1.6	AS 1851 - 2012 Section 10 6 monthly Yearly 5 yearly

PART 6

ESSENTIAL SAFETY MEASURES – AIR HANDLING SYSTEMS

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
Carpark mechanical ventilation system	F4.11	Frequency as nominated by manufacturer on installed equipment to perform to AS 1668 Part 2 - 2012

PART 7

ESSENTIAL SAFETY MEASURES – AUTOMATIC FIRE DETECTION AND ALARM SYSTEMS

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
Smoke and heat alarm system	Clause 3 (AS 3768) of Specification E2.2a	Monthly inspection to test operation Replace battery or unit as necessary
Smoke and heat detection system	Clause 4 (AS 1670) of Specification E2.2a	AS 1851 - 2012 Section 6 Monthly 6 monthly Yearly 5 yearly

**PART 8
ESSENTIAL SAFETY MEASURES – OCCUPANT WARNING SYSTEMS**

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
Building occupant warning system	Clause 8 of Specification E1.5, Clause 6 of Specification E2.2a	AS 1851 - 2012 Section 2 and 6 Also refer to System Interface Test

**PART 9
ESSENTIAL SAFETY MEASURES – LIFTS**

Essential safety measure	BCA provisions for determining standard of performance	Nature and or Frequency of Test or Inspection
Stretcher facilities in lifts	E3.2	Annual inspection to ensure compliance of facilities with BCA
Passenger lift fire service controls	E3.7	Periodic inspection as per manufacturers specification, however no less than annual inspection.

**PART 10
ESSENTIAL SAFETY MEASURES – STANDBY POWER SUPPLY SYSTEMS**

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
Standby power supply system	E3.4, Clause 6 of Specification G3.8	Every six months test to ensure auxiliary power is operable. Refer to manufacturers specifications

**PART 12
ESSENTIAL SAFETY MEASURES – SYSTEMS INTERFACE TEST**

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
<p>Per clause 1.12 of AS 1851 – 2012 <i>Where fire protection systems are interfaced to other systems, “end-to-end tests” shall be conducted to confirm that each interface operates in accordance with the approved design. Tests shall take into account all fire protection systems that interface with other systems to ensure that all systems function in accordance with approved design.</i></p> <p>It is recommended that the essential safety measures provider determines the applicable Systems interface test to ensure the systems as a holistic fire safety system to the building will operate as intended in the design.</p>		

**PART 13
ESSENTIAL SAFETY MEASURES – OTHER MEASURES**

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
Mechanical ventilation systems	AS 1668.2-2012, BCA E2.2	Quarterly to AS 1668 Part 2, AS 3666-1995
Glazed assemblies	B1.4, F1.13	Annual
Balconies	Part B1	Annual
Balustrades	Part B1 and D2.16	Annual
Classification and use of building	A3.2 to A3.4	Annual
All external walls and cladding	FP1.4	Annual inspection to ensure to ensure they remain in a weatherproof condition. The non-performance of the required annual inspection may result in water ingress and damages voiding warranties and the overall suitability for occupation voiding this Occupancy Permit and Building Surveying certification.

**PART 14
ESSENTIAL SAFETY MEASURES – BUILDING PERMIT MEASURES AND FIRE ENGINEERING REQUIREMENTS**

Essential safety measure	BCA provisions for determining standard of performance	Nature and or frequency of test or inspection
<p>A fire engineering assessment report has been carried out in the base design of the building. Refer to Report No. M13325 by Olssons Fire & Risk The following pages provide the overall fire safety requirements and systems of the building including any applicable conditions. Certain systems have been included in the essential safety measures tables provided.</p> <p>It is recommended that the essential safety measures provider reviews the fire engineering assessment report and attached conditions and determines the applicable systems within the fire engineering assessment report conditions that are required to be maintained.</p>		

<p>Fire Resistance Construction</p>	<p>Class 2 SOU entry doors are required to be self-closing fire-rated (FRL -/60/30) doors fitted with smoke seals in accordance with BCA Spec C3.4 Clause 3.2(c).</p> <p>The FRL required for bounding construction to the Class 6 retail unit on the Ground Level will be constructed with an FRL of at least FRL (90)/90/90.</p> <p>Fire-rated load bearing elements on Level 6 West Tower and Level 8 East Tower are permitted to be constructed with light weight construction. Fire-isolated stair shafts and fire-rated lift shafts are required to be constructed with either concrete or masonry construction.</p> <p>The fire-isolated stairs are to be separated with smoke lobbies constructed in accordance with BCA DtS Clause D2.6 (b). Egress from the lobby to the west-fire-isolated stairs is required in two opposite directions. Egress from the east fire-isolated stair is required in two directions that are 90° to each other. These requirements are shown diagrammatically in in Figure 21 and Figure 22 in this report.</p> <p>The stair doors at the Basement Levels are to be fitted with smoke seals in accordance with BCA Spec C3.4 Clause 3.2(c).</p>
<p>Wall and ceiling linings, floor materials and covering</p>	<p>Refer to Figure 12 and Figure 13 for extent of wall and ceiling linings in public corridors on Ground and First Floor that are required to achieve either Group 1 or 2 and floor materials and coverings that are required to have a CRF of not less than 2.2 kW/m².</p> <p>The stair exit door at ground level (within the stair) is required to be painted with a contrasting colour to the surrounding surfaces while the inside of the stair door at each basement level is to be painted with the same colour as the surrounding surfaces.</p>
<p>Means of escape</p>	<p>A 1 m wide path of egress is required as shown in Figure 3 in this report. Doors and gates along this path of egress are to comply with BCA DtS Clause D2.20 and D2.21. Emergency lighting in accordance with AS 2293.1 2005 are required to be provided along this path of egress and are required to illuminate the path of egress when a fire is detected in the building.</p>
<p>Automatic Suppression System</p>	<p>The building will be sprinkler protected throughout, as prescribed in BCA Spec E1.5. The car park levels are to be served with fast response sprinkler heads with an RTI no greater than 50 (m-s)^½.</p>
<p>Building Occupant Warning System</p>	<p>A building occupant warning system will be provided throughout the building, as prescribed in BCA Spec E2.2a Clause 6. The</p>

	<p>sprinkler system must be connected to and activate the building occupant warning system.</p> <p>The AS1670.1 compliant smoke detection system in Level 1 is to be connected to the building wide occupant warning system.</p>
Smoke Hazard Management	<p>The building will be served with an automatic smoke detection and alarm system in accordance with BCA Spec E2.2a to sound through all occupied areas including the public corridors.</p> <p>This will include an AS3786 smoke alarm system installed within each SOU.</p> <p>The public corridors on Level 1 are to be served with an AS1670.1 compliant smoke detection system.</p>
Exit and Directional Signage System	<p>Exit and directional signage will be provided in accordance with Part E4 of the BCA Dts Provisions.</p> <p>Signage is to be provided reading “GROUND LEVEL. EXIT AT THIS LEVEL” on the stair door at Ground Level and “BASEMENT LEVEL. EXIT AT FLOOR ABOVE” on the Basement Levels. Signage must be in capital letters not more than 20 mm high in a colour contrasting with the background. Signage is to be visible from inside the stair shaft.</p>
Fire Hydrant System	<p>The building will be provided with a hydrant system in accordance with BCA Part E1.3, unless varied and consented in accordance with Regulation 309.</p>
Fire Hose Reel System	<p>The building will be provided with a FHR system in accordance with BCA Dts Clause E1.4, unless varied and consented in accordance with Regulation 309.</p>
Window Drenchers	<p>Window Drenchers are to be installed above the sliding doors on the eastern side of the ground floor where they are within 3 m of the boundary.</p> <p>The window drencher is to be installed externally and located at the midpoint of the opening when in plan view.</p> <p>The window drencher is to be located within 200 mm of the top of the opening.</p> <p>The window drencher is to have a flow of at least 1 L/s as per the experimental set up</p>
Portable Fire Extinguishers & Fire Blankets	<p>Portable fire extinguishers shall be provided throughout the building in accordance with BCA Dts Clause E1.6 and AS 2444.</p>

**Management and
Maintenance**

Specific variations from the BCA DtS Provisions are to be nominated in the Occupancy Permit and essential safety measures schedule, for ease of future inspection.

This is to include an annual review of the function and use of the building, such that changes to the use may invalidate this fire safety design.

A maintenance program is to be developed with all essential safety measures (active, passive and management) maintained in accordance Part 12 of the Building Regulations, AS 1851-2005 and AS 2293.2-1995, and is to incorporate system interface testing, where relevant.