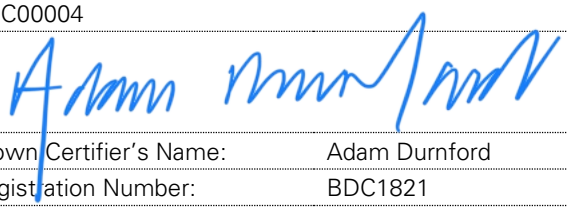
BCA Crown Certificate

Pursuant to Section 6.28 of the Environmental Planning & Assessment Act 1979

Certificate No.	CRO -25017	
Date of Certificate	13 March 2025	
+ Subject Land		
Lot + DP	Lot 1000	DP 1159799
	Lot 11	DP 809663
	Part Lot 101	DP 1179349
	Part Lot 1	DP 1171804
	Part Lot 1001	DP 1159799
Address	50 Missenden Road, Camperdown NSW 2050	
Local Government Area	City of Sydney	
+ Applicant		
Name	Michael Smytheman	
Company	Health Infrastructure	
Address	1 Reserve Road, St Leonards NSW 2065	
Phone	0407 103 475	**Email** michael.smytheman@health.nsw.gov.au
+ Owner		
Name	Health Administration Corporation	
Address	1 Reserve Road, St Leonards NSW 2065	
+ Description of Development		
Description	Redevelopment of the Royal Prince Alfred Hospital, including: + Tree removal, earthworks and re-routing of services. + Demolition of Building 94, the RPA Chapel, existing helipad and ambulance drop-off canopy. + A new 15-storey hospital building comprising new inpatient units, medical imaging, Neonatal and Women's Health Services, and a helipad to roof. + A two-storey vertical extension over Building 89 comprising an expanded Intensive Care Unit and a new façade to existing building plinth. + A three-storey extension to the east of Building 89 comprising new operating theatres. + Enhanced northern entry. + Enhanced Emergency Department entry with new ambulance drop-off canopy. + Internal refurbishment of Emergency Department and Imaging, circulation and support services. + Expansion of existing loading dock facilities. + New hard and soft landscaping, outdoor amenities and circulation spaces. + Additional bicycle parking and end-of-trip facilities. + Installation and use of temporary helipad on roof of the Staff and Visitor Carpark, including installation of new lift access. + Re-alignment of internal road network.	
Staged Works	Stage 3e (Main Works) <u>Main Works – East Tower</u> + OSD Tank L01 East Tower comprising civil, structure and hydraulic in-ground works <u>Main Works – East Extension</u> + OSD Tank L02 East Extension comprising civil, structure and hydraulic in-ground works <u>Main Works – Northern Expansion</u> + Permanent fire hydrant and booster enclosure including hardstand	

	Main Works – Refurbishment Works + Ambulant Entry – Demolition of existing Guard House + Level 04 & 05 – Internal demolition works together with internal alterations and additions	
	1. This staged BCA Crown Certificate has been issued for the building works described above only. Separate BCA Crown Certificate/s will be required prior to commencement of any subsequent works. 2. *This BCA Crown Certificate excludes any external ancillary services, structures or civil works required by relevant authorities.*	
BCA Classification	Class 3, 5, 7a, 9a	
Applicable BCA	National Construction Code 2022 Volume 1 – Building Code of Australia	
Development Consent	Consent Number: SSD-47662959 SSD-47662959-Mod-1 SSD-47662959-Mod-2	Date: 26 September 2023 26 June 2024 11 December 2024
Statutory Certification	*Pursuant to the provisions of Section 6.28 of the Environmental Planning and Assessment Act 1979, BM Plus G Pty Ltd hereby certifies that the building works have been designed in accordance with the Building Code of Australia 2022, subject to the attached Conditions.*	
Referenced Documentation	Refer to Schedule 1	
Conditions and Exclusions	Refer to Schedule 2	
Fire Safety Schedule	Refer to Schedule 3	
+ Details of Crown Certifier		
Crown Certifier	BM Plus G Pty Ltd	
Accreditation Number	RBC00004	
Signature		
Signed on Behalf of BM+G	Crown Certifier's Name: Registration Number:	Adam Durnford BDC1821

Liability limited by a scheme approved under Professional Standards Legislation

+ Schedule 1 – Schedule of Documentation

Referenced Plans

+ **Architectural Plans prepared by Jacobs Australia Pty Ltd:**

+ Drawing Number	+ Rev	+ Date	+ Drawing Number	+ Rev	+ Date
FIRE COMPARTMENT PLANS					
RPA-ARC-JAC-DRG-MW-110102	03	20.12.2024	RPA-ARC-JAC-DRG-MW-110203	03	20.12.2024
RPA-ARC-JAC-DRG-MW-110401	03	20.12.2024	PA-ARC-JAC-DRG-MW-110402	08	13.12.2024
RPA-ARC-JAC-DRG-MW-110403	08	13.12.2024	RPA-ARC-JAC-DRG-MW-110501	03	20.12.2024
RPA-ARC-JAC-DRG-MW-110502	03	20.12.2024	RPA-ARC-JAC-DRG-MW-110503	05	20.12.2024
GENERAL ARRANGEMENT PLANS					
RPA-ARC-JAC-DRG-MW-150102	04	20.12.2024	RPA-ARC-JAC-DRG-MW-150203	04	20.12.2024
RPA-ARC-JAC-DRG-MW-150401	10	13.12.2024	RPA-ARC-JAC-DRG-MW-150402	08	13.12.2024
RPA-ARC-JAC-DRG-MW-150403	12	24.01.2025	RPA-ARC-JAC-DRG-MW-150501	04	20.12.2024
RPA-ARC-JAC-DRG-MW-150502	04	20.12.2024	RPA-ARC-JAC-DRG-MW-150503	08	20.12.2024
DEMOLITION PLANS					
RPA-ARC-JAC-DRG-MW-180403	06	13.12.2024	RPA-ARC-JAC-DRG-MW-180404	06	24.01.2025
RPA-ARC-JAC-DRG-MW-180405	06	24.01.2025	RPA-ARC-JAC-DRG-MW-180406	02	25.10.2024
RPA-ARC-JAC-DRG-MW-180407	02	25.10.2024	RPA-ARC-JAC-DRG-MW-180410	02	25.10.2024
RPA-ARC-JAC-DRG-MW-180503	03	25.10.2024	RPA-ARC-JAC-DRG-MW-180504	02	25.10.2024
RPA-ARC-JAC-DRG-MW-180505	05	13.12.2024	RPA-ARC-JAC-DRG-MW-180506	02	25.10.2024
RPA-ARC-JAC-DRG-MW-180507	02	25.10.2024	RPA-ARC-JAC-DRG-MW-180509	02	25.10.2024
RPA-CIV-TTW-DRG-MW-012	02	31.07.2024			
CONCRETE OUTLINE PLANS					
RPA-ARC-JAC-DRG-MW-190101	07	13.02.2025	RPA-ARC-JAC-DRG-MW-190202	07	13.02.2025
RPA-ARC-JAC-DRG-MW-190403	00	09.09.2024	RPA-ARC-JAC-DRG-MW-190503	00	09.09.2024
FF&E PLANS					
RPA-ARC-JAC-DRG-MW-240403	G	18.12.2024	RPA-ARC-JAC-DRG-MW-240404	07	06.02.2025

RPA-ARC-JAC-DRG-MW-240408	G	18.12.2024	RPA-ARC-JAC-DRG-MW-240410	G	18.12.2024
RPA-ARC-JAC-DRG-MW-240417	C	15.12.2023	RPA-ARC-JAC-DRG-MW-240419	07	11.02.2025
RPA-ARC-JAC-DRG-MW-240510	H	18.12.20204	RPA-ARC-JAC-DRG-MW-240512	03	13.12.2024
RPA-ARC-JAC-DRG-MW-240519	J	18.12.20204	RPA-ARC-JAC-DRG-MW-240522	I	18.12.20204
REFLECTED CEILING PLANS					
RPA-ARC-JAC-DRG-MW-310213	A	11.11.2024	RPA-ARC-JAC-DRG-MW-310402	04	13.12.2024
RPA-ARC-JAC-DRG-MW-310403	K	11.11.2024	RPA-ARC-JAC-DRG-MW-310404	05	06.02.2025
RPA-ARC-JAC-DRG-MW-310419	04	19.12.2024	RPA-ARC-JAC-DRG-MW-310422	04	19.12.2024
RPA-ARC-JAC-DRG-MW-310510	L	29.11.2024	RPA-ARC-JAC-DRG-MW-310512	05	13.12.2024
RPA-ARC-JAC-DRG-MW-310519	L	29.11.2024	RPA-ARC-JAC-DRG-MW-310521	L	11.11.2024
RPA-ARC-JAC-DRG-MW-310522	L	29.11.2024			

Documentation Relied Upon

In conjunction with the approved plans and specifications the following documentation was relied upon in issuing the BCA Crown Certificate:

+ **Documentation:**

+ Item	+ Documentation	+ Prepared by	+ Date
1.	Crown Certificate Application Form	Health Infrastructure	11 March 2025
2.	Fire Safety Engineering Confirmation Letter	LCI Consultants Pty Ltd	27 February 2025
3.	Wet & Dry Fire Design Endorsement Certificate	Emerge Fire Services Pty Ltd	12 March 2025
4.	Wet & Dry Fire Services Drawings	Emerge Fire Services Pty Ltd	12 March 2025
5.	Wet & Dry Fire Services Specification	Emerge Fire Services Pty Ltd	20 November 2024
6.	Structural Design Statement	TTW (NSW) Pty Ltd	26 February 2025
7.	Structural Design Statement – DA Condition No. B89	TTW (NSW) Pty Ltd	07 March 2025
8.	Structural Drawings	TTW (NSW) Pty Ltd	Various
9.	Structural Specification	TTW (NSW) Pty Ltd	14 June 2024
10.	Civil Design Statement	TTW (NSW) Pty Ltd	27 February 2025
11.	Civil Drawings	TTW (NSW) Pty Ltd	Various
12.	Mechanical Design Statement	Climatech NSW Pty Ltd	24 February 2025
13.	Mechanical Services Specification	Climatech NSW Pty Ltd	29 February 2024
14.	Mechanical Services Life Safety Systems Report	Climatech NSW Pty Ltd	06 May 2024
15.	Medical Gas Design Statement	Hoslab Projects Pty Ltd	05 March 2025

+ Item	+ Documentation	+ Prepared by	+ Date
16.	Electrical Design Statement	Stowe Australia Pty Ltd	12 March 2025
17.	Hydraulic Design Statement	Sparks + Partners Consulting Engineers	24 February 2025
18.	Architectural Design Statement	Jacobs Aust. Pty Ltd	07 March 2025
19.	Accessibility Design Report No. 23207	ABE Consulting	24 October 2023
20.	Staging Report (Revision 8)	WolfPeak Pty Ltd	27 February 2025
21.	Demolition Work Plan - L4 and L5 Internal Demolition	Matt Dalley Demolition Contracting	07 March 2025
22.	Demolition Work Plan - Guard House Demolition	Matt Dalley Demolition Contracting	26 February 2025
23.	Long Service Levy Details Instalment Details	Long Service Levy Corporation	Undated
24.	Long Service Levy Receipt No. L0000157067 (Instalment 1)	Long Service Levy Corporation	04 September 2024

+ **Schedule 2** – Conditions and Exclusions

This Crown Certificate has been issued subject to the following conditions:

1. This Crown Certificate does not certify compliance with the Conditions of the Development Consent No. SSD-47662959 (as modified) dated 26 September 2023. The building works should not commence until the Crown is satisfied that the relevant conditions of the Development Consent that are a pre-requisite to commencement have been appropriately addressed where relevant.

2. No approval is given nor implied for the construction of works beyond the scope specifically approved by this Stage 3e Crown Certificate.

3. There is to be no impact, disruption, impediment or modification to existing active or passive fire safety systems or egress arrangements within the existing hospital building as a direct or indirect result of the proposed works without prior consultation and approval by the LHD (as applicable) and the crown certifier (BM+G).

4. Demolition works are to be undertaken in accordance with the documentation listed in Schedule 1 & AS 2601-2001.

5. Where the proposed demolition works necessitate the isolation and/or decommissioning of any existing fire services, particularly the fire hydrant system or the sprinkler system, then Fire & Rescue NSW and any relevant insurance providers should be notified prior to de-commissioning and/or isolation of the system.

6. All building works associated with the subject development are to be carried out in accordance with the approved documentation listed above in Schedule 1.

   Any departure from the documentation cannot be undertaken without the review and approval by Blackett Maguire + Goldsmith.

7. Where there is any conflict between the Design Documentation and the advice provided by Blackett Maguire + Goldsmith, the advice issued takes precedence unless approved by Blackett Maguire + Goldsmith.

8. Any changes to the Architectural Documentation that may affect compliance with the Building Code of Australia, or the referenced Australian Standards are to be appropriately disclosed to Blackett Maguire + Goldsmith for review.

9. Blackett Maguire + Goldsmith is to be contacted throughout the project for routine site inspections to ensure that the works are being carried out in accordance with the approved documentation.

+ Schedule 3 – Fire Safety Schedule

Part 10 of the Environmental Planning and Assessment Act (Development Certification and Fire Safety) Regulation 2021.

Please note:

- + A fire safety Schedule must deal with the whole of the building not just part of the building.
- + Please complete all sections in full using CAPITAL LETTERS

Section 1: Location of building

Address (Street No., Street Name, Suburb and Postcode)

50 MISSENDEN ROAD, CAMPERDOWN NSW 2050

Lot No. (if known)	CP/DP/SP No. (if known)	Building name (if applicable
LOT 1000 LOT 11 PART LOT 101 PART LOT 1 PART LOT 1001	DP 1159799 DP 809663 DP 1179349 DP 1171804 DP 1159799	ROYAL PRINCE ALFRED HOSPITAL REDEVELOPMENT (BUILDING 89)

Section 2: Reissue of Fire Safety Schedule (Section 80A of the Regulation)

☒ Not applicable – Fire Safety Schedule is not being re-issued.

☐ Reissued Fire Safety Schedule (please state reason below)

Reason for Reissue of Schedule

☐ Original Schedule Lost or Destroyed ☐ Correction of errors or omissions.

Section 3: Reference Details (Section 78 of the Regulation)

Reference Type	Reference Number (if known)
DEVELOPMENT CONSENT	SSD-47662959 (as modified)

Section 4: Fire Safety Measures for the building – excluding Critical Fire Safety Measures (Section 79 of the Regulation)

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
	Current (Existing)	
1.	ACCESS PANELS, DOOR AND HOPPERS IN FIRE RESISTANT SHAFTS	BCA PART C3.4, SPEC. C3.4 AS1905.1 (1997)
2.	AUTOMATIC FAIL-SAFE DEVICES	BCA PARTS D2.19, D2.21 AS1670.1
3.	AUTOMATIC FIRE DETECTION & ALARMS SYSTEMS	BCA SPEC. E2.2A AS1670.1 (1995)
4.	AUTOMATIC FIRE SUPPRESSION SYSTEMS – SPRINKLER SUPPRESSION	BCA SPEC. E1.5 AS2118.1 (1999)
5.	AUTOMATIC SIGNALLING EQUIPMENT AND COMMUNICATIONS LINK	BCA SPEC. E2.2A CLAUSE 7 AS4428.6 (1997) AS1670.3

6.	EMERGENCY LIGHTING	BCA PARTS E4.2 - E4.4 AS2293.1 - 1995 **COVID AREAS EXEMPT – UPGRADE IN PROGRESS*
7.	EMERGENCY EVACUATION PLAN	AS 3745 - 2010
8.	EWIS	BCA PART E4.9 AS2220 (1989)
9.	EXIT SIGNS	BCA PARTS E4.5, E4.6, E4.8 AS2293.1 - 1995 **COVID AREAS EXEMPT – UPGRADE IN PROGRESS*
10.	FIRE DAMPERS	BCA PART E2.2A / AS1668.1 (1998) / AS1682.1 AND 2 (1991) **INSPECTION OF DAMPERS LOCATED IN COVID AREA'S EXEMPT*
11.	FIRE DOORS	ORDINANCE 70 PART 22.6 AS1905.1 (1976) BCA PARTS C2.5, C3.4, C3.5, C3.8, C3.10, SPEC. C3.4 AS1905.1 – 1990 and 1997
12.	FIRE HYDRANT SYSTEMS	BCA PART E1.3 AS2419.1 (1994)
13.	FIRE SEALS	BCA PART C3.15 SPEC. C3.15 AS1530.4 **COVID RESTRICTIONS. UPGRADE WORKS UNDERWAY*
14.	FIRE SHUTTERS	BCA PART C3.2, SPEC. C3.4 AS1905.2 - 1997
15.	HOSE REEL SYSTEMS	BCA PART E1.4 AS2441 - 1988
16.	LIGHTWEIGHT CONSTRUCTION	BCA PART C1.8 SPEC. C1.8 **COVID RESTRICTIONS. UPGRADE WORKS UNDERWAY.*
17.	MECHANICAL AIR HANDLING SYSTEMS	BCA PART E2.2A AS1668.1- 1998 **INSPECTION OF MECHANICAL LOCATED OR CONTRIBUTING TO COVID AREAS EXEMPT* **ZONE PRESSURISATION TESTING EXEMPT DUE TO COVID* **ATRIUM FANS PERFORMANCE MEASUREMENT EXEMPT*
18.	PATH OF TRAVEL	BCA PART D2 EPA REG 2000 PART 9, DIV.7
19.	PORTABLE FIRE EXTINGUISHERS & FIRE BLANKETS	BCA PART E1.6 AS2444 - 1995
20.	STAIR PRESSURISATION FANS	BCA PART E2.2 AS1668.1 -1998 **STAIR PRESSURISATION PERFORMANCE*

		EXCEPT DUE TO COVID
21.	SMOKE DOORS	BCA PARTS C2.5, SPEC. C3.4
22.	WALL WETTING SPRINKLER AND DRENCHER SYSTEMS	BCA PART C3.2, SPEC. C3.4 AS2118.2 - 1995
23.	WARNING & OPERATIONAL SIGNS	BCA PARTS D2.23, E3.3 EPA REG 2000 PART 9, DIV.7
24.	EMERGENCY EVAUCATION PLANS AND PROCEDURES	AS3745 (2002) / AS4083 (2002)

Proposed (New or Modified including section 84(6) of the Regulation)		
1.	ACCESS PANELS, DOORS & HOPPERS	BCA CLAUSE C4D15 AS 1530.4 – 2014 AND MANUFACTURER'S SPECIFICATIONS
2.	AUTOMATIC FAIL-SAFE DEVICES	BCA CLAUSE D3D26 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
3.	AUTOMATIC FIRE DETECTION & ALARM SYSTEMS	BCA SPEC. 20 AS 1670.1 – 2018 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
4.	AUTOMATIC FIRE SUPPRESSION SYSTEMS – SPRINKLER SUPPRESSION	BCA SPEC. 17 AS 2118.1 – 2017 AS 2118.4, 6 – 2012 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
5.	EMERGENCY LIFTS	BCA CLAUSE E3.4 AS 1735.2 – 2001
6.	EMERGENCY LIGHTING	BCA CLAUSE E4D2 & E4D4 AS 2293.1 – 2018 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
7.	EMERGENCY EVACUATION PLAN	AS 3745 - 2010
8.	EMERGENCY WARNING INTERCOM SYSTEM (EWIS)	BCA E4D9 AS1670.4 – 2018 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
9.	EXIT SIGNS	BCA CLAUSES E4D5, E4D6 & E4D8 AS 2293.1 – 2018 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
10.	FIRE CONTROL ROOM	BCA SPEC E1D5 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
11.	FIRE BLANKETS	AS 3504 – 2006 AS2444 – 2001
12.	FIRE DAMPERS	BCA CLAUSE C4D15 AS 1668.1 – 2015 AS 1682.1 & 2 – 2015

		MANUFACTURER'S SPECIFICATION
13.	FIRE DOORS	BCA CLAUSE C3D13, C3D14, C4D6, C4D8 & AS 1905.1 – 2015 MANUFACTURER'S SPECIFICATION
14.	FIRE HOSE REELS	BCA CLAUSE E1D3 AS 2441 – 2005 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
15.	FIRE HYDRANT SYSTEMS	BCA CLAUSE E1D2 AS 2419.1 – 2021 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
16.	FIRE RATED WALLS	FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
17.	FIRE SEALS	BCA CLAUSE C4D15 AS 1530.4 – 2014 AS 4072.1 – 2005 MANUFACTURER'S SPECIFICATION FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
18.	LIGHTWEIGHT CONSTRUCTION	BCA CLAUSE C2D9 AS 1530.4 – 2014 AND MANUFACTURER'S SPECIFICATION
19.	MANUAL CALL POINTS	BCA SPEC. 20 AS 1670.1 – 2018 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
20.	MECHANICAL AIR HANDLING SYSTEMS (AUTOMATIC SHUTDOWN)	BCA CLAUSE E2D3 AS/NZS 1668.1 – 2015 & AS 1668.2 – 2012
21.	PORTABLE FIRE EXTINGUISHERS	BCA CLAUSE E1D14 AS 2444 – 2001 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
22.	PRESSURISING SYSTEMS	BCA CLAUSE E2D4 AS/NZS 1668.1 – 2015 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
23.	REQUIRED EXIT DOORS (POWER OPERATED)	BCA CLAUSE D3D24
24.	SMOKE HAZARD MANAGEMENT SYSTEMS – ZONE SMOKE CONTROL SYSTEM	BCA PART E2D7 AS/NZS 1668.1 –2015 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
25.	SMOKE DAMPERS	SPECIFICATION 11 AS/NZS 1668.1 – 2015 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
26.	SMOKE DOORS	BCA SPECIFICATION 12 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024

27.	STAND-BY POWER SYSTEMS	BCA CLAUSE E1D2, E3D5, E4D2 & E4D5 AS 3000 – 2018
28.	WALL WETTING SPRINKELRS	FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024
29.	WARNING & OPERATIONAL SIGNS	BCA CLAUSE D3D28, D4D7 AS 1905.1 – 2015 FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024

Details of Fire Safety Building Code of Australia (BCA) Performance Solutions Report(s)

+ (Ref No./Title of report/Author/Date)	+ BCA Performance Requirement(s)	+ BCA DtS Provision(s) and details of non-compliance
FIRE ENGINEERING REPORT NO. 221016-FER03 REV DRAFT B DATED 23 AUGUST 2024	C1P2 & C1P8	WHERE AN INTERNAL FIRE RATED WALL INTERSECTS AT THE JUNCTION OF AN EXTERNAL WALL, THE EXTERNAL WALLS OF THE DIFFERENT FIRE COMPARTMENTS AND ANY ASSOCIATED OPENINGS THAT ARE EXPOSED TO ONE ANOTHER ARE REQUIRED TO BE PROTECTED IN ACCORDANCE WITH BCA CLAUSE C4D4. THE DESIGN INCLUDES SEVERAL INSTANCES WHERE ADJACENT FIRE COMPARTMENTS INTERSECT AT EXTERNAL WALLS AND IT IS PROPOSED TO PROTECT ONE WALL TO FRL 120/120/120 IN LIEU OF BOTH WALLS TO FRL 60/60/60. ADDITIONALLY, GLAZING ABOVE THE NEW MEDICAL IMAGING LIFT SHAFT WILL BE WITHIN 3 M OF THE ADJACENT EXISTING BUILDING EXTERNAL WALL WHICH WILL NOT ACHIEVE AN FRL.
	C1P2 & C1P3	TO ACCOUNT FOR MODERN CONSTRUCTION METHODS ANTICIPATED TO BE USED FOR THE NEW TOWER ONLY, IT IS PROPOSED TO ALLOW FOR SMOKE SEPARATION AT THE GAP BETWEEN THE SLAB EDGE AND EXTERNAL WALL WHERE FIRE SEPARATION WOULD BE REQUIRED TO MEET THE BCA DTS PROVISIONS.
	C1P2, C1P3	IT IS PROPOSED TO NOT TO FIRE AND SMOKE SEPARATE THE SMALL ANCILLARY AREAS CONTAINING MEETING ROOMS AND OFFICE WORKSTATIONS FROM THE ADJOINING PATIENT CARE AREAS.
	D1P4 & E2P2	EXTENDED TRAVEL DISTANCES TO AN EXIT THE FOLLOWING EXTENDED TRAVEL DISTANCES TO POINT OF CHOICE AND EXITS ARE PROPOSED: PATIENT-CARE AREAS: LEVEL 3: • TREATMENT – NEONATES – EW 3A: 17 M TO A POINT OF CHOICE AND 35 M TO AN EXIT. • TREATMENT – DELIVERY – EW 3B: 16 M TO A POINT OF CHOICE. • TREATMENT – NEONATES – EW 3C: 16 M TO A POINT OF CHOICE AND 32 M TO AN EXIT. • TREATMENT – DELIVERY – CSB 3A.2:

		17 M TO A POINT OF CHOICE. • TREATMENT – NEONATES – EW 3C: 16 M TO A POINT OF CHOICE AND 32 M TO AN EXIT. LEVEL 5: • T – RADIOLOGY – MRI EQ – EW 5A: 15 M TO A POINT OF CHOICE AND 35 M TO AN EXIT. • T – RADIOLOGY – MRI– EW 5A: 31 TO AN EXIT. • T – RADIOLOGY – ANGIO EQ – EW 5C: 27 M TO A POINT OF CHOICE AND 38 M TO AN EXIT. • T – RADIOLOGY – ANGIO – EW 5C: 25 M TO A POINT OF CHOICE AND 36 M TO AN EXIT. • T – RADIOLOGY – REFURB – CSB 5A: 14 M TO A POINT OF CHOICE. • T – RADIOLOGY – REFURB – CSB 5A (ST): 13 M TO A POINT OF CHOICE. • T – RADIOLOGY – REFURB – CSB 5B: 35 M TO AN EXIT. •EMERGENCY DEPARTMENT PBAY-AT – BUILDING 75 5E: 14 M TO A POINT OF CHOICE. •EMERGENCY DEPARTMENT TRIAGE – BUILDING 75 5E: 14 M TO A POINT OF CHOICE. •EMERGENCY DEPARTMENT – CLN-ST MED BUILDING 75 5E: 15 M TO A POINT OF CHOICE. •EMERGENCY DEPARTMENT – ST-GEN BUILDING 75 5F.1: 16 M TO A POINT OF CHOICE AND 37 M TO AN EXIT. LEVEL 6: • WARD – EXTERNAL PATIENT TERRACE - EW 6A: 20 M TO A POINT OF CHOICE AND 44 M TO AN EXIT. • WARD – RESPIRATORY - EW 6A: 15 M TO A POINT OF CHOICE AND 38 M TO AN EXIT • WARD – RESPIRATORY - EW 6B: 15 M TO A POINT OF CHOICE AND 35 M TO AN EXIT LEVEL 7: • WARD – HAEMATOLOGY - EW 7A: 15 M TO A POINT OF CHOICE AND 38 M TO AN EXIT. • WARD – HAEMATOLOGY - EW 7B: 15 M TO A POINT OF CHOICE.

		LEVEL 9: TREATMENT – ICU – VE 9A: 36 M TO AN EXIT. • TREATMENT– VE 9B: 32 M TO AN EXIT. LEVEL 10: • TREATMENT – ICU – EW 10B: 14 M TO A POINT OF CHOICE AND 34 M TO AN EXIT. • TREATMENT – ICU – EW 10A: 37 M TO AN EXIT. LEVEL 11: • WARD – EXTERNAL PATIENT TERRACE – EW 11A: 20 TO A POINT OF CHOICE AND 43 M TO AN EXIT. • WARD – POSTNATAL – EW 11A: 16 TO A POINT OF CHOICE AND 38 M TO AN EXIT. LEVEL 12: • WARD – ANTENATAL – EW 12A: 16 M TO A POINT OF CHOICE AND 38 M TO AN EXIT. LEVEL 13: • WARD – PRIVATE MAT SHELL – EW 13A: 13 M TO A POINT OF CHOICE AND 34 M TO AN EXIT. • WARD – PRIVATE MAT SHELL – EW 13B: 32 M TO AN EXIT. LEVEL 14: • STAFF ROOM – EW 14B: 14 M TO A POINT OF CHOICE. NON-PATIENT CARE AREAS: LEVEL 2: • NEPT CAR PARKING: 43 M TO AN EXIT. LEVEL 4: • LIFT LOBBY (CORRIDOR 040615) – ATRIUM 4A: 34 M TO A POINT OF CHOICE, AND 54 M TO AN EXIT. LEVEL 5: • PLANT: 48 M TO A POINT OF CHOICE. LEVEL 7: • STAFF OFFICE AREA – EW 7A: 22 M TO A POINT OF CHOICE. LEVEL 8:

		• PLANT: 24 M TO A POINT OF CHOICE AND 50 M TO AN EXIT. LEVEL 9: • TREATMENT – VE 9B: 24 M TO A POINT OF CHOICE AND 50 M TO AN EXIT. LEVEL 11: • OPEN ROOF PLANT: 100 M TO A POINT OF CHOICE. LEVEL 12: • STAFF OFFICE AREA – EW 12A: 24 M TO A POINT OF CHOICE AND 35 M TO AN EXIT. LEVEL 13: • STAFF OFFICE AREA – EW 13A: 24 M TO A POINT OF CHOICE. LEVEL 14: • PARENT ROOM – EW 14A: 23 M TO A POINT OF CHOICE. LEVEL 15: • PLANT – ISOLATION ROOM EXHAUST FAN: 32 M TO A POINT OF CHOICE AND 47 M TO AN EXIT. • PLANT – COOLING TOWERS: 29 M TO A POINT OF CHOICE AND 68 M TO AN EXIT.
	D1P4 & E2P2	EXTENDED TRAVEL DISTANCE BETWEEN ALTERNATIVE EXITS THE FOLLOWING EXTENDED TRAVEL DISTANCES BETWEEN ALTERNATIVE EXITS ARE PROPOSED: PATIENT-CARE AREAS: LEVEL 3: • TREATMENT – OPERATING THEATRES – EE 3A: 49 M BETWEEN ALTERNATIVE EXITS. LEVEL 5: • TREATMENT – RADIOLOGY –REFURBISHMENT – CSB 5B: 65 M BETWEEN ALTERNATIVE EXITS. • TREATMENT – E.D – CSB 5G: 55 M BETWEEN ALTERNATIVE EXITS. LEVEL 6: • WARD – RESPIRATORY – EW 6A: 54 M BETWEEN ALTERNATIVE EXITS LEVEL 7:

		• WARD – HAEMATOLOGY – EW 7A: 54 M BETWEEN ALTERNATIVE EXITS LEVEL 9: TREATMENT – ICU – EAST TOWER – EW 9A: 52 M BETWEEN ALTERNATIVE EXITS • TREATMENT – ICU – NORTHERN EXPANSION – VE 9A: 71 M BETWEEN ALTERNATIVE EXITS • TREATMENT – ICU – NORTHERN EXPANSION – VE 9B.1: 72 M BETWEEN ALTERNATIVE EXITS • TREATMENT – ICU – NORTHERN EXPANSION – VE 9B.1: 51 M BETWEEN ALTERNATIVE EXITS • TREATMENT – ICU – NORTHERN EXPANSION – VE 9B.2: 50 M BETWEEN ALTERNATIVE EXITS LEVEL 10: • TREATMENT – ICU – EAST TOWER – EW 10A: 52 M BETWEEN ALTERNATIVE EXITS • TREATMENT – ICU – NORTHERN EXPANSION – VE 10A: 71 M BETWEEN ALTERNATIVE EXITS LEVEL 11: • WARD – POSTNATAL – EW 11A: 52 M BETWEEN ALTERNATIVE EXITS LEVEL 12: • WARD – ANTENATAL – EW 12A: 52 M BETWEEN ALTERNATIVE EXITS LEVEL 13: • WARD – PRIVATE MAT SHELL – EW 13A & 13B: 52 M BETWEEN ALTERNATIVE EXITS LEVEL 14: • WARD – PAEDIATRICS – EW 14A: 52 M BETWEEN ALTERNATIVE EXITS NON-PATIENT CARE AREAS: LEVEL 1: • UNDERCROFT: 70 M BETWEEN ALTERNATIVE EXITS. LEVEL 2: • NEPT CAR PARKING: 86 M BETWEEN ALTERNATIVE EXITS. • LOADING DOCK: 65 M BETWEEN ALTERNATIVE EXITS. LEVEL 4: • ATRIUM – 4A:

		76 M BETWEEN ALTERNATIVE EXITS. • PLANT: 65 M BETWEEN ALTERNATIVE EXITS LEVEL 8: • PLANT: 95 M BETWEEN ALTERNATIVE EXITS. LEVEL 10: • ICU SUPPORT – VE 10B: 66 M BETWEEN ALTERNATIVE EXITS. LEVEL 15: • PLANT: 90 M BETWEEN ALTERNATIVE EXITS. LEVEL 16: • ROOF: 75 M BETWEEN ALTERNATIVE EXITS.
	D1P4	THE EGRESS STRATEGY FOR THIS BUILDING RELIES ON THE USE OF HORIZONTAL EXITS. A TECHNICAL NON-COMPLIANCE OCCURS IN SOME INSTANCES WHERE THE PATH OF TRAVEL FROM A FIRE COMPARTMENT TO THE EXIT NECESSITATES EGRESS THROUGH AN ADJOINING COMPARTMENT WHICH DOES NOT PROVIDE DIRECT ACCESS TO A FIRE ISOLATED STAIRWAY OR EXIT DISCHARGING DIRECTLY TO OPEN SPACE.
	C1P3, D1P2, D1P4	AS THE EGRESS STRATEGY WILL RELY ON THE USE OF HORIZONTAL EXITS, SOME OF THE DOORS COMPRISING THE HORIZONTAL EXITS WILL SERVE OCCUPANTS ESCAPING IN BOTH DIRECTIONS. AS A RESULT, A TECHNICAL NON-COMPLIANCE OCCURS AS A NUMBER OF FIRE SAFETY DOORS LOCATED IN THE FIRE AND SMOKE WALLS WILL SWING IN THE DIRECTION OF EGRESS FOR OCCUPANTS IN ONE COMPARTMENT, BUT WILL NOT SWING IN THE DIRECTION OF EGRESS FOR OCCUPANTS FROM THE OTHER COMPARTMENT.
	D1P2 & D1P4	A DOORWAY IN A PATIENT CARE AREA OF A CLASS 9A HEALTH-CARE BUILDING MUST NOT BE FITTED WITH A SLIDING DOOR UNLESS: a) IT LEADS DIRECTLY TO A ROAD OR OPEN SPACE; AND b) THE DOOR IS ABLE TO BE OPENED MANUALLY UNDER A FORCE OF NOT MORE THAN 110 N IT IS PROPOSED TO INSTALL SLIDING DOORS TO ROOMS IN PATIENT CARE AREAS THAT DO NOT LEAD DIRECTLY TO ROAD OR OPEN SPACE. THIS PERFORMANCE SOLUTION WILL NOT SUPPORT ANY SLIDING DOORS IN CORRIDORS I.E. PATHS OF TRAVEL.
	E1P1	A NUMBER OF PLANT ROOMS AND ELECTRICAL ROOMS WILL BE FIRE SEPARATED FROM THE REMAINDER OF THE BUILDING BY CONSTRUCTION ACHIEVING FRL 120/120/120. FIRE HOSE REELS ARE NOT PERMITTED TO PASS THROUGH FIRE DOORS IN THESE WALLS, HOWEVER COVERAGE WILL BE PROVIDED. TO ACHIEVE COMPLIANT COVERAGE EACH ROOM

		WOULD REQUIRE A SEPARATE FIRE HOSE REEL WITHIN THE ROOM; IT IS NOT PROPOSED TO PROVIDE THESE FIRE HOSE REELS. A FIRE EXTINGUISHER WILL BE PROVIDED IN THE COMMON CORRIDOR OUTSIDE EACH OF THE ROOMS. THE FOLLOWING FIRE HOSE REELS ARE PROPOSED TO BE LOCATED MORE THAN 4M FROM AN EXIT OR NOT ADJACENT TO AN INTERNAL HYDRANT: + PLANT LEVEL 5: FHR 050360 LOCATED UP TO 5 M, FHR 051152 LOCATED UP TO + 12 M, FHR 052131 LOCATED UP TO 7 M. + LEVEL 6: FHR TO GREEN ROOF LOCATED UP TO 15 M. + LEVEL 11: FHR 110651 LOCATED UP TO 9 M. + LEVEL 12: FHR 120651 LOCATED UP TO 9 M. + LEVEL 13: FHR 130654 LOCATED UP TO 9 M.
	E1P4	A NUMBER OF ROOMS CONTAIN EQUIPMENT THAT WOULD BE SENSITIVE TO WATER IN THE EVENT OF SPRINKLER DISCHARGE. AS A RESULT, IT IS PROPOSED TO OMIT SPRINKLER PROTECTION WITHIN THE SUBJECT ROOMS/ CUPBOARDS AND PROVIDE FRL 120/120/120 SEPARATION AT THE FLOOR, SMOKE SEALS/NON-COMBUSTIBLE LININGS TO THE DOORS, AND A SPRINKLER OUTSIDE THE DOOR.
	E4P3	SPEAKERS WILL NOT BE PROVIDED WITHIN WARD AND TREATMENT ROOMS INCLUDING PATIENT BEDROOMS, OPERATING THEATRES, ICU ETC, AND OTHER SENSITIVE ENVIRONMENTS WHERE THE ACTIVATION OF THE SPEAKER WITHIN THE ROOM MAY CAUSE TRAUMA. ALL OTHER AREAS OF THE BUILDING WILL HAVE SPEAKERS AS RECOMMENDED BY THE BCA.
	C1P2, C1P3, D1P4, E2P2	CLASS 3 SINGLE OCCUPANCY UNITS (SOUS) ARE PROPOSED TO BE PROVIDED WITH FRL 120/120/120 SEPARATION BOUNDING THE CLASS 3 AREA, HOWEVER NO FIRE SEPARATION BETWEEN SOUS IS PROPOSED. A NUMBER OF SOUS WILL ALSO BE PROVIDED WITH HORIZONTAL EXITS ONLY. A TECHNICAL NON COMPLIANCE RESULTS FROM THE PROVISION OF SMOKE DOORS SWINGING AGAINST DIRECTION OF TRAVEL IN THE SOU BLOCKS.
	D1P2, D1P5	TO FACILITATE THE HELIPAD OPERATIONAL REQUIREMENTS, TWO NON-FIRE ISOLATED STAIRWAYS ARE PROPOSED FOR THE INITIAL PORTION OF EGRESS FROM THE HELIPAD LEVEL. THIS WILL CONSIST OF TWO OPEN STAIRS DESCENDING FROM THE HELIPAD TO THE ROOF LEVEL BELOW (LEVEL 16), FROM WHICH OCCUPANTS WILL BE CAPABLE OF MAKING THEIR WAY TO A FIRE-ISOLATED STAIRS. AS SUCH, A TECHNICAL NON-COMPLIANCE OCCURS AS THE HELIPAD IS PROVIDED WITH TWO NON-FIRE-ISOLATED STAIRWAYS THAT DO NOT DISCHARGE TO OPEN SPACE AS THEY DISCHARGE TO THE LEVEL BELOW FROM WHICH EGRESS IS AVAILABLE TO ALTERNATIVE FIRE ISOLATED STAIRWAYS. AS THE HELIPAD DESIGN GUIDELINES PREVENT ANY BUILT ELEMENTS BEING LOCATED ABOVE THE HELIPAD, THE HANDRAILS WILL NOT BE PERMITTED TO EXTEND ABOVE THE FLOOR OF THE HELIPAD. THE HANDRAILS

		SERVING NON-FIRE ISOLATED STAIRWAYS TO THE HELIPAD WILL NOT BE CONTINUOUS BETWEEN STAIR FLIGHTS AND LANDINGS AS THE HANDRAILS WILL BE REQUIRED TO BE STOPPED SHORT SO THAT THEY DO NOT EXTEND BEYOND THE HELIPAD. THE OMISSION OF CONTINUOUS HANDRAILS BETWEEN STAIR FIGHT LANDINGS IS PROPOSED.
	E1P1, E1P3	THE FIRE HOSE REEL SERVING LEVEL 16 ARE PROPOSED TO BE 50 M IN LENGTH IN LIEU OF 36 M. THESE HOSE REELS AS WELL AS THE HYDRANTS AT THIS LEVEL ARE ALSO PROPOSED TO SERVE BOTH 16 (WHERE THEY WOULD BE INSTALLED) AND THE HELIPAD AT LEVEL 17.
	D1P4, D1P5, E1P2, E1P6	THE EXISTING FIRE CONTROL ROOM (FCR) IS ACCESSED FROM THE SOUTH-EASTERN ELEVATION OF BUILDING 89 ON LEVEL 2. THIS LOCATION ALSO SERVES AS THE DISCHARGE POINT FROM A FIRE-ISOLATED STAIR (FIRE STAIR 3). THE PROPOSED EXTENSION WORKS RESULT IN THIS STAIR DISCHARGE AND FCR ACCESS LOCATION BEING COVERED BY A NEW SLAB ABOVE, RESULTING IN DISTANCES TO OPEN SPACE UP TO 15 M. AS SUCH A NON-COMPLIANCE OCCURS DUE TO THE FCR NOT BEING DIRECTLY ACCESSIBLE FROM OPEN SPACE AND DUE TO OCCUPANTS TRAVELLING MORE THAN 6 M UNDER A COVERED SPACE. FURTHERMORE, UPON DISCHARGE OF FIRE STAIR 3 AND FIRE STAIRS 1 & 2 ON LEVEL 2 OF THE BUILDING, OCCUPANTS MUST TRAVEL WITHIN 6 M OF THE EXTERNAL WALL OF THE BUILDING TO REACH OPEN SPACE.
	E2P2	THE EXISTING BUILDING 89 AREAS SUBJECT TO REFURBISHMENT WORKS FEATURE A ZONE SMOKE CONTROL SYSTEM DESIGNED FOR HORIZONTAL AND VERTICAL PRESSURISATION BASED ON THE STANDARD IN FORCE AT THE TIME OF CONSTRUCTION. WHERE EXISTING AREAS INTERFACE WITH THE NEW BUILDING (WHICH WILL FEATURE A VERTICAL ZONE SMOKE CONTROL SYSTEM IN ACCORDANCE WITH AS 1668.1-2015), IT IS PROPOSED TO PERMIT THE HORIZONTAL PRESSURE DIFFERENTIAL BETWEEN COMPARTMENTS TO NOT ACHIEVE THE PRESCRIBED 20 PA. THE PRESSURE DIFFERENTIAL BETWEEN VERTICAL FIRE COMPARTMENTS WITHIN THE ATRIUM (I.E. BETWEEN LEVELS 2 & 3 AND LEVELS 6 & 7) WILL NOT BE ACHIEVED. AREAS REQUIRED TO FUNCTION IN FIRE MODE; PRESSURISATION REGIME FOR INFECTION, ISOLATION ROOMS, OPERATING THEATRES, STERILE STORES AND STOCK ROOMS AND WARDS AT LEVEL 9 WHICH ARE PROPOSED TO INCORPORATE A "PANDEMIC MODE" WILL NOT ACHIEVE THE REQUIRED PRESSURE DIFFERENTIAL ONLY WHEN IN A "PANDEMIC MODE. ZONE PRESSURISATION WILL NOT BE PROVIDED TO THE CLASS 3 OVERNIGHT STAY BEDROOMS. ZONE PRESSURISATION WILL NOT BE PROVIDED TO LEVEL 16 AND 17 EAST TOWER LIFT LOBBIES SERVING THE HELIPAD.

	C1P1, C1P2	THE NEW NORTHERN ENTRY WILL RESULT IN THE EXISTING WESTERN EXTERNAL WALL OF THE EXISTING NORTH-EASTERN PORTION OF THE BUILDING TO BECOME AN INTERNAL WALL. THIS WALL COMPRISES OF PRE-CAST CONCRETE PANELS AND GLAZING. IT IS PROPOSED TO RETAIN THIS EXISTING CONSTRUCTION WHICH WILL COMPRISE OF SMOKE-RESISTING CONSTRUCTION IN LIEU OF FIRE-RESISTING CONSTRUCTION BETWEEN THE NORTHERN ENTRY COMPARTMENT AND THE ADJACENT COMPARTMENTS AT EACH FLOOR.
	C1P2, E2P2	IT IS PROPOSED TO PERMIT THE INTERCONNECTION OF LEVELS 3 TO 6 AND NOT APPLY THE G3 ATRIUM PROVISIONS OF THE BCA, INSTEAD APPLYING THE BCA DTS PROVISIONS APPLICABLE TO THE INTERCONNECTION OF THREE STOREYS ONLY. THIS WILL RELY ON THE SMOKE-SEPARATIONOF LEVEL 6 FROM THE ATRIUM VIA THE EXISTING FAÇADE LINE, AS WELL AS LEVELS 5 AND 6 WITHIN THE ATRIUM COMPRISING CORRIDORS ONLY AND THUS FEATURING A LOW FUEL LOAD, WITH THE FOLLOWING APPLICABLE: + FIRE SEPARATION BETWEEN THE ATRIUM COMPARTMENT AND PATIENT-CARE AREAS. + EGRESS FROM PATIENT CARE AREAS WILL NOT BE VIA THE NON-FIRE-ISOLATED STAIRWAY CONNECTING LEVELS 3 & 4. HORIZONTAL EXITS FROM NON-PATIENT-CARE AREAS AT LEVEL 4 DISCHARGE INTO THE ATRIUM SPACE AND MAY CONTINUE TO LEVEL 3 VIA THE CIRCULATION STAIRWAY DIRECT TO OUTSIDE. + ZONE SMOKE CONTROL WILL BE CONFIGURED FOR SHUTDOWN OF THE INTERCONNECTED COMPARTMENT MECHANICAL SYSTEMS, AND PRESSURISATION OF ADJACENT COMPARTMENTS.
	C1P2	A STAFF CIRCULATION STAIRWAY IS PROPOSED TO BE PROVIDED BETWEEN LEVELS 4 – 14 OF THE NEW EAST TOWER BUILDING. THE STAIRWAY IS REQUIRED TO BE FIRE SEPARATED AS IT CONNECTS MORE THAN 2 LEVELS CONTAINING PATIENT CARE AREAS. THE STAFF CIRCULATION STAIRWAY WILL BE A FIRE RATED SHAFT TO 3 SIDES OF THE SHAFT ACHIEVING FRL 120/120/120. THE NORTHERN WALL (4TH SIDE) OF THE STAIRWAY IS PROPOSED TO BE CONSTRUCTED OF GLAZING WITH TYCO WS WALL WETTING DRENCHERS IN LIEU OF SOLID CONSTRUCTION ACHIEVING AN FRL OF 120/120/120.
	E1P2	WIPS WILL BE LOCATED AT NURSE STATIONS RATHER THAN WITHIN 4 M OF AN EXIT.
	C1P2, C1P8	IT IS PROPOSED TO PERMIT METAL WATER FILLED PIPES TO PENETRATE FIRE WALLS THAT DO NOT COMPLY WITH THE REQUIREMENTS OF CLAUSE C4D15(2)(II) IN TERMS OF THE 100 MM SEPARATION FOR A DISTANCE OF 2000 MM FROM THE PENETRATION. THEREFORE THE PROPOSED DESIGN WILL CONSIST OF METAL WATER FILLED PIPES THAT WILL NOT BE PROVIDED WITH AN INSULATION RATING.
	C1P1,C1P2,	FIRE AND SMOKE WALLS WITHIN THIS BUILDING ARE

	C1P3,C1P4	PRESCRIBED TO BE OF NON-COMBUSTIBLE CONSTRUCTION; AS PART OF A TESTED FIRE AND SMOKE WALL SYSTEM, IT IS PROPOSED TO PERMIT THE USE OF CABLES AND PIPES WITHIN THE INTERNAL FIRE WALLS OF THIS BUILDING. EXTERNAL FIRE WALLS WILL COMPLY WITH THE DTS PROVISIONS OF THE BCA.
	C1P2, D1P5, E1P4	THE DTS PROVISIONS OF THE BCA DO NOT PERMIT SERVICES WITHIN FIRE ISOLATED STAIRWAYS EXCEPT FOR FIRE SERVICES; IT IS PROPOSED TO PERMIT WI-FI AND DAS COMMUNICATION EQUIPMENT TO BE INSTALLED WITHIN THE STAIRWAYS.
	E2P2	CLEARANCE AROUND MANUAL CALL POINTS LOCATED IN FHR CUPBOARDS WILL NOT ACHIEVE THE MINIMUM REQUIREMENTS OUTLINED IN THE BCA AND REFERENCE STANDARDS.
	D1P4, E2P2	WITHIN THE PLANT ROOM, IT IS NOTED THAT THERE WILL BE LIKELY BE LOCATIONS WHERE THE CLEAR UNOBSTRUCTED WIDTHS OF 1000 MM IS IMPEDED BY PLANT AND EQUIPMENT INSTALLED THROUGHOUT, TO MINIMUM 800 MM. AS THE LEVEL 8 PLANT ROOM MEZZANINE HAS A FLOOR AREA GREATER THAN 200 M2, IT IS PROPOSED TO PERMIT THE USE OF LADDERS IN LIEU OF STAIRWAYS.
	E1P4	SPRINKLER COVERAGE SHORTFALL TO DOORWAY ENTRANCE OF BEDROOMS DUE TO PRIVACY CURTAIN.
	D1P2	EGRESS FROM THE LEVEL 11 PLANT ROOM WILL BE VIA TWO PATHS OF TRAVEL WHICH CONVERGE TO A SINGLE EXIT IN LIEU OF BEING SERVED BY TWO EXITS.
	C1P1, C1P2	SEPARATION OF NEW AND EXISTING BUILDING WILL BE ACHIEVED VIA COMBINATION OF HORIZONTAL AND VERTICAL BUILDING ELEMENTS IN LIEU OF A CONTINUOUS VERTICAL WALL.
	D1P4, E1P2	LOCALISED REDUCTION IN CLEAR HEIGHT OCCUR WITHIN THE PLANT ROOMS TO MINIMUM 1800 AFFL.
	C1P1, C1P2	IT IS PROPOSED TO BE PERMIT PLANT ROOM MEZZANINE FLOOR CONSTRUCTION TO NOT ACHIEVE THE PRESCRIBED 2 HOUR FRL. THE MEZZANINE FLOOR CONSTRUCTION WILL BE REQUIRED TO BE OF NON-COMBUSTIBLE CONSTRUCTION AND STRUCTURALLY INDEPENDENT FROM THE REMAINDER OF THE BUILDING.
	D1P4, E1P2	THE NEW BUILDING AND EXISTING CENTENARY INSTITUTE BUILDING ARE ON THE SAME ALLOTMENT AND THE EXTERNAL WALLS AND ANY ASSOCIATED OPENINGS THAT ARE EXPOSED TO ONE ANOTHER ARE REQUIRED TO BE PROTECTED IN ACCORDANCE WITH BCA CLAUSE C4D3 . WHERE THIS CANNOT BE ACHIEVED, IT IS PROPOSED TO PERMIT THE FIRE SEPARATION PRESCRIBED IN BCA CLAUSE C4D4 TO APPLY TO THE NEW BUILDING EXTERNAL WALL IN BOTH DIRECTIONS (FRL 120/120/120 PROPOSED), IN LIEU OF BOTH EXTERNAL WALLS (FRL 60/60/60 PRESCRIBED).
	E2P2	IT IS PROPOSED TO BE PERMIT FIRE MODE TESTING PROCEDURES OF THE FIRE-ISOLATED

		STAIRWAY/PASSAGEWAY TO BE ON A PROGRESSIVE HORIZONTAL FIRE COMPARTMENT ARRANGEMENT, IN LIEU OF ALL REQUIRED EXITS OPENED SIMULTANEOUSLY. STAIR 3 DOES NOT SERVE AS AN EGRESS STAIR HOWEVER IS PROVIDED WITH STAIR PRESSURISATION; AS THERE IS NO DOOR TO OUTSIDE, THE SYSTEM DOES NOT FEATURE A RELIEF PATH AND THEREFORE TESTING WILL BE COMPLETED WITH THE DOOR TO THE FIRE-AFFECTED FLOOR OPEN ONLY.
	C1P2, D1P4, D1P5 E2P2	IT IS PROPOSED TO PERMIT THE LEVEL 7 FIRE ISOLATED STAIR SERVING THE NEW MOLECULAR IMAGING PATIENT CARE AREA TO DISCHARGE AT LEVEL 6 AT WHICH POINT ACCESS TO A HORIZONTAL EXIT WILL BE AVAILABLE. STAIR PRESSURISATION WILL NOT BE PROVIDED TO SERVE THIS COMPARTMENT. COMMUNICATION EQUIPMENT WILL BE INSTALLED WITHIN THIS SPACE WHICH DOES NOT RELATE TO A FIRE SERVICE.
	D1P2	IT IS PROPOSED TO PERMIT THE TWO FIRE ISOLATED STAIRWAYS EXIT DOORS SERVING LEVEL 3 NEONATES TO BE PROVIDED WITH A BREAK GLASS UNIT RELEASE WHICH DOES NOT AUTOMATICALLY OPEN ON FIRE ALARM FOR BABY THEFT. AN INTERCOM SYSTEM WILL BE PROVIDED FOR RE-ENTRY VIA THESE FIRE ISOLATED STAIRWAYS.
	C1P3	IT IS PROPOSED TO PERMIT MECHANICAL DUCTS TO PASS THROUGH ONE SMOKE WALL / ISOLATION ROOM WITHOUT THE PROVISION OF A SMOKE DAMPER, ON THE BASIS THAT NO OPENINGS ARE PROVIDED INTO THIS INTERMEDIATE SMOKE ZONE. ADDITIONALLY, SMOKE DAMPERS MAY BE LOCATED MAXIMUM 1 M FROM A RISER IN LIEU OF MAXIMUM 600 MM, REQUIRING THE PROVISION OF ADDITIONAL SPRINKLER HEADS BENEATH THIS SECTION OF THE DUCT. ACTUATORS FOR SMOKE DAMPERS WILL BE PERMITTED TO NOT BE PROVIDED WITH A FIRE-RATED ENCLOSURE TO THE ACTUATOR ON THE BASIS THAT THEY ARE DESIGNED WITH A FAIL-SAFE TO SHUT IN FIRE MODE (AND UPON LOSS OF POWER) AND COMPLY WITH ALL OTHER REQUIREMENTS OF AS 1668.1.
	E2P2	IT IS PROPOSED TO PERMIT SMOKE HAZARD MANAGEMENT SYSTEM TO NOT ACTIVATE ON SPRINKLER ACTIVATION DUE TO SPRINKLER SYSTEM ZONING FED FROM VALVE SETS NOT MATCHING THE SMOKE / FIRE COMPARTMENTS.
	C1P2	IT IS PROPOSED TO PERMIT CYLINDER STORES PROTECTION OF SERVICE PENETRATIONS ACHIEVING FRL -/240/180 IN LIEU OF FRL -/240/240; THIS IS DUE TO THE UNAVAILABILITY OF RELEVANT -/240/240 TESTED SYSTEMS.
	E2P2, E1P2, E4P1, E4P3	IT IS PROPOSED TO PERMIT THE OMISSION AUTOMATIC FIRE DETECTION & ALARM SYSTEM, EWIS, EMERGENCY LIGHTING, EXIT SIGNAGE, PORTABLE FIRE EXTINGUISHER AND FIRE HOSE REELS WITHIN THE AUSGRID SUBSTATION.

	C1P2, C1P7	DUE TO EXISTING SITE CONSTRAINTS ASSOCIATED WITH THE EXISTING PLANT AREA, THE FIRE RATED CEILING CAN ONLY BE CONSTRUCTED IN A MANNER WHERE THE FRL IS ACHIEVED IN ONE DIRECTION ONLY I.E. THE FRL WILL ONLY BE ACHIEVED FROM OUTSIDE THE GENERATOR PLANT ROOM AND GENERATOR SWITCH ROOM.

Section 5: Critical Fire Safety Measures – where applicable to the building (Section 79 of the Regulation)

Note: A critical fire safety measure is one where the performance is verified at intervals of less than 12 months through the submission of a supplementary fire safety statement.

+ Item No.	+ Fire safety measure	+ Minimum standard of performance
Current (Existing)		
1.	N/A	

Proposed (New or Modified)		
1.	N/A	

Section 6: Details of approved exemptions from compliance with BCA standards for a relevant fire safety system (Section 74 of the Regulation)

+ Item No.	+ Relevant fire safety measures	+ Description of exemption
1.	N/A	

Section 7: Name of authority or registered certifier issuing this schedule

Name	Organisation (Business name)
ADAM DURNFORD	BM PLUS G Pty Ltd
Business Address (Street No., Street Name, Suburb and Postcode)	
SUITE 2.01, 22-36 MOUNTAIN ST, ULTIMO NSW 2007	
Registration Number (Where Applicable)	
RBC00004 (BDC1821)	
Date of Issue	
13/03/2025	