

DOC24/1348217

Kiersten Fishburn
Department of Planning, Housing and Infrastructure
12 Darcy Street
Parramatta NSW 2150

Attn: Shiraz Ahmed

12 June 2024

Dear Ms Fishburn,

Wentworth Point high school project (SSD-11802230): Submission in accordance with Condition D42 – Fire Safety and Access

I refer to Wentworth Point high school (Sydney Olympic Park new high school in the consent) SSD-11802230 in Wentworth Point, approved on 14 October 2022.

In accordance, with Condition D42 of the Development Consent, the Department of Education provides the Planning Secretary documented evidence that the performance solution certified by the accredited fire engineer and BCA consultant for fire protection, access and egress requirements for the development has been satisfied.

Please refer to the package accepted by the Certifier on 7 June 2024 in **Document 1**.

The document has been reviewed internally by Shane Lee and the Planning Compliance Team.

Yours sincerely



Shane Lee
**Assistant Project Director
School Infrastructure NSW**



Attachment 1 – Reference table

Condition no.	Condition requirements	Location in document
D42	Prior to the occupation of any building (either in relation to occupation under conditions C42 or condition C43 for early staff or school opening), evidence must be submitted to the satisfaction of the Planning Secretary that the performance solution certified by the accredited fire engineer and BCA consultant for fire protection, access and egress requirements for the development has been satisfied.	Please refer to Document 1.



7 June 2024

Camilla Ferguson
Roberts Co
Level 9, 60 Castlereagh Street
Sydney NSW 2000
Camilla.ferguson@au.roberts.co

Dear Camilla,

**Re: SECTION 6.28(2) (CROWN) BUILDING CODE OF AUSTRALIA (BCA) WORKS
COMPLETION STATEMENT – SYDNEY OLYMPIC PARK NEW HIGH SCHOOL (SOPHS)**

Reference is made to our recent discussions and inspections and your request for a Crown BCA Completion Statement for the subject development.

The attached Crown BCA Completion Statement has been issued for the following works:

- Construction of a new six (6) storey high school building including general learning spaces (GLS's), specialist teaching spaces, labs and workshops, learning units, staff spaces, library and ancillary administration areas and amenities.

It is to be noted that the gymnasium is intended to be constructed at a later date, and hence is not included in this Completion Statement.

In this regard, please find enclosed the Crown BCA Completion Statement for the above scope of new works which verifies that, to the best of our knowledge based on our visual inspections of the development and based on the evidence of suitability referenced in this statement, such new works have generally been carried out in accordance with the relevant provisions contained in the Building Code of Australia 2019 Volume One Amendment 1.

The attached Crown BCA Completion Statement does not include any works beyond the scope of proposed works assessed under the original s6.28(2) Crown Certificate.

If you require any further information or explanation of the above, please do not hesitate to contact the undersigned.

Yours faithfully,



Cameron Clark
Manager, Building Regulations

Liability limited by a scheme approved under Professional Standards Legislation.

Jensen Hughes Pty Limited, Trading as BCA Logic
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Sydney NSW 2000, Australia

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CROWN BCA COMPLETION STATEMENT

1. Details of the applicant

Mr ☒ Ms ☐ Mrs ☐ Dr ☐ Other

Name

Robert Crestani

Company Name

Department of Education, School Infrastructure

Street No.

105

Street Name

Phillip Street

Suburb or Town

Parramatta

State

NSW

Post Code

2150

Daytime Telephone

-

Fax

-

Mobile

0411 186 789

Email

Robert.crestani@det.nsw.edu.au

2. Identification of the land

Flat / Street No.

No. 7

Street Name

Burroway Road

Suburb or Town

Wentworth Point

State

NSW

Post Code

2127

Lot & DP No.

Lot 1 / DP1276305

Volume / Folio

Not given

Project Approval or Equivalent Certificate No.

SSD-11802230

3. Decision of the Certifying Authority

This Statement is issued as:

☐ an Interim Crown BCA Completion Statement☒ a Final Crown BCA Completion Statement

Date of this decision

7 June 2024

4. Information attached to this decision

☒ Relevant information relied upon (**Attachment A**)☒ Limitations and Exclusions (**Attachment B**)

5. Description of the subject work

The original Crown Certificate related to the following:

Construction of a new six (6) storey high school building including general learning spaces (GLS's), specialist teaching spaces, labs and workshops, learning units, staff spaces, library and ancillary administration areas and amenities.

It is to be noted that the gymnasium is intended to be constructed at a later date, and hence is not included in this Completion Statement.

6. Crown BCA Completion Statement

Cameron Clark, on behalf of Jensen Hughes, certifies that:

- ☒ I have been appointed as the Crown Certifier for the development;
- ☒ a current Project Approval (or equivalent) has been granted for the development;
- ☒ a current Section 6.28(2) Crown Certificate has been issued with respect to the plans and specifications;
- ☒ the building has been completed generally in accordance with the approved Section 6.28(2) documentation and is, to the best of our knowledge, suitable for occupation or use in accordance with its classification under the Building Code of Australia as a Class 5 & 9b building

Crown BCA Completion Statement No.

113823-BCA Works Completion Statement-r1

Date of this Statement

7 June 2024

7. Signature

For this Statement to be valid, it must be signed by the certifying authority.

Signature



Name

Cameron Clark on behalf of Jensen Hughes

Flat / Street No.

Suite 302, Level 3, 151

Street Name

Castlereagh Street

Suburb or Town

Sydney

State & Post Code

NSW, 2000

Telephone

(02) 8484 4022

Fax

(02) 9411 5420

If the certifier is an accredited certifier:

Accreditation body of the certifier

NSW Department of Fair Trading

Accreditation no. of the certifier

No. BDC 3400

Attachment A – Relevant Information Relied Upon

In issuing this Crown BCA Completion Statement, Jensen Hughes has relied on the following works completion documentation (in addition to the design information referenced in the original Crown Certificate approval). Such documentation is accepted in good faith, is expected to have been issued accurately, correctly and with competence and due care by appropriately qualified and experienced persons.

Item	Document
1	Woods Bagot's Architectural Installation Compliance Certificate dated 03.06.24
2	Woods Bagot's Energy Efficiency Installation Compliance Certificate dated 09.05.24
3	Core Engineering Group's Fire Safety Engineering Inspection Report F201584_FIR_01 dated 07.05.24
4	Core Engineering Group's Fire Engineering Report F201584_FER_07 dated 28.07.23
5	Jensen Hughes' Fire Safety Schedule dated 20.09.23
6	Department of Education NSW's Final Fire Safety Certificate dated 07.05.24
7	Fire & Rescue NSW's Inspection Report D24/59259 dated 22.05.24
8	TTW's Structural Certificate for OC dated 17.05.24
9	TTW's Civil Inspection Certificate dated 15.05.24
10	Roberts Co's Development Consent Conditions Installation Compliance Certificate dated 10.04.24
11	Ernst & Young's (EY's) Section 88B Instrument Eastern Easement Compliance Certificate dated 24.04.24
12	Stainform's Structural (General) and Fire-Resisting Construction (General) Installation Compliance Certificate dated 09.04.24
13	Stainform's Installation Certificate dated 17.04.24
14	Stainform's Fixed Platforms, Stairways, Walkways and Ladders Installation Compliance Certificate dated 08.04.24
15	Stainform's Structural Design Statement dated 16.06.23
16	NDY's Acoustic Consultant Advice Notice J-024[1.2] dated 13.05.24
17	Glyde's Acoustic Performance & Force to Operate Installation Compliance Certificate dated 23.04.24
18	X-clusive's Material, Floor and Wall Linings/Coverings, Surface Finishes & Air Handling Ductwork (Fire Hazard Properties) Installation Compliance Certificate dated 11.04.24
19	X-clusive's Lightweight Construction Installation Compliance Certificate dated 09.04.24
20	X-clusive's Fire Seals Protecting Fire Resisting Components of the Building Installation Certificate dated 09.04.24
21	X-clusive's Energy Efficiency Installation Compliance Certificate dated 24.04.24
22	X-clusive's Acoustic Installation Compliance Certificate dated 30.04.24
23	X-clusive's Access Panels, Doors and Hoppers to Fire Resisting Shafts Installation Compliance Certificate dated 11.04.24
24	X-clusive's Design Compliance Certificate dated 04.04.24
25	Exodus Doors' Fire Doors Installation Compliance Certificate dated 29.04.24
26	Exodus Doors' Door Operation and Door Hardware Installation Compliance Certificate dated 29.04.24
27	Xcite AV's Hearing Augmentation System Installation Compliance Certificate dated 19.03.24
28	Goldline Industries' Emergency Lighting and Exit Signs Installation Compliance Certificate dated 16.04.24
29	Goldline Industries' Electrical Installation Compliance Certificate dated 16.04.24
30	Advocate Industrial's Passive Fire Protection of Electrical and Communications Penetrations Installation Compliance Certificate dated 18.03.24
31	Ausrise Facades' Certification of As Built External Façade Construction dated 03.05.24
32	Ausrise Facades' Glazed Assemblies Installation Certificate dated 11.04.24

Item	Document
33	Ausrise Facades' Façade (General) Installation Compliance Certificate dated 11.04.24
34	Ausrise Facades' Energy Efficiency Installation Compliance Certificate dated 16.04.24
35	Ausrise Facades' Door Operation and Door Hardware Installation Compliance Certificate dated 11.04.24
36	Precision Fire Protection Services' Wall-wetting Sprinklers/Drenchers Installation Compliance Certificate dated 02.05.24
37	Precision Fire Protection Services' Portable Fire Extinguishers Installation Compliance Certificate dated 02.05.24
38	Precision Fire Protection Services' Fire Seals Protecting Fire Resisting Components of the Building Installation Compliance Certificate dated 01.05.24
39	Precision Fire Protection Services' Fire Hydrant System Installation Compliance Certificate dated 02.05.24
40	Precision Fire Protection Services' Fire Hose Reel System Installation Compliance Certificate dated 02.05.24
41	Precision Fire Protection Services' Fire Engineering Report Installation Compliance Certificate dated 02.05.24
42	Precision Fire Protection Services' Fire Control Centre Installation Compliance Certificate dated 14.04.24
43	Precision Fire Protection Services' Automatic Fire Suppression Systems (Sprinklers) Installation Compliance Certificate dated 02.05.24
44	Precision Fire Protection Services' Automatic Fire Detection and Alarm System Including Emergency Warning and Intercommunication System (EWIS) Installation Compliance Certificate dated 14.04.24
45	Precision Fire Protection Services' Automatic Fail-Safe Devices Installation Compliance Certificate dated 14.04.24
46	Arrow Corporate Flooring Systems' Material, Floor and Wall Linings/Coverings, Surface Finishes & Air Handling Ductwork (Fire Hazard Properties) Installation Compliance Certificate dated 02.04.24
47	Boone & Willard Plumbing's Hydraulic Installation Compliance Certificate dated 07.03.24
48	Boone & Willard Plumbing's Fire Seals Protecting Fire Resisting Components of the Building Installation Compliance Certificate dated 07.03.24
49	Boone & Willard Plumbing's Fire Engineering Report Installation Compliance Certificate dated 07.03.24
50	Boone & Willard Plumbing's Acoustic Installation Compliance Certificate dated 07.03.24
51	Euroline's Material, Floor and Wall Linings/Coverings, Surface Finishes & Air Handling Ductwork (Fire Hazard Properties) Installation Compliance Certificate dated 17.04.24
52	The Mack Group's Construction Compliance Certificate dated 20.05.24
53	Frost Group's Certificate of Compliance dated 28.03.24
54	Fresh Landscapes Group's Landscape Installation Certificate dated 10.04.24
55	CWS Conrina Wall Systems' Structural (General) and Fire-Resisting Construction (General) Installation Compliance Certificate dated 10.04.24
56	CWS Conrina Wall Systems' Fire Seals Protecting Fire Resisting Components of the Building Installation Compliance Certificate dated 04.04.24
57	CWS Conrina Wall Systems' Damp-Proofing Installation Compliance Certificate dated 04.04.24
58	CWS Conrina Wall Systems' Access Panels, Doors and Hoppers to Fire Resisting Shafts Installation Compliance Certificate dated 10.04.24
59	Fredon Air's Mechanical Air Handling Systems Installation Compliance Certificate dated 08.04.24
60	Fredon Air's Material, Floor and Wall Linings/Coverings, Surface Finishes & Air Handling Ductwork (Fire Hazard Properties) Installation Compliance Certificate dated 08.04.24
61	Fredon Air's Fire Seals Protecting Fire Resisting Components of the Building Installation Compliance Certificate dated 08.04.24

Item	Document
62	Fredon Air's Fire Engineering Report Installation Compliance Certificate dated 08.04.24
63	Fredon Air's Fire Dampers and Smoke Dampers Installation Compliance Certificate dated 08.04.24
64	Fredon Air's Electrical Installation Compliance Certificate dated 05.04.24
65	Fredon Air's Automatic Fail-Safe Devices Installation Compliance Certificate dated 08.04.24
66	Fredon Air's Acoustic Installation Compliance Certificate dated 08.04.24
67	Keller's Pile Integrity Test Report dated 09.01.24
68	Keller's Foundation Piling and Ground Improvement by RI Design Certification dated 09.01.24
69	Interspan's Compliance Certification dated 15.02.24
70	Interspan's Post Tensioning ITP TC05 – Grout Inspection Sheet dated 14.02.24
71	Thomson's Roller Shutters' Installation Certificate dated 28.04.24
72	Safemaster's Certificate of Compliance dated 26.03.24
73	AW Signs' Warning and Operational Signs Installation Compliance Certificate dated 03.04.24
74	AW Signs' Braille & Tactile Signage Installation Compliance Certificate dated 03.04.24
75	Coastal Steel Fabrications' Structural Steel Certification (Punch Window Steel) dated 26.09.23
76	Coastal Steel Fabrications' Structural Steel Certification (Glyde Doors) dated 12.04.24
77	Coastal Steel Fabrications' Structural Steel Certification (Bike Store) dated 11.04.24
78	Coastal Steel Fabrications' Structural Steel Certification (Arbour) dated 11.04.24
79	Clearview Tactiles' Tactile Ground Surface Indicators and Nosing Strips Installation Compliance Certificate dated 09.03.24
80	Kordon's Certificate of Compliance dated 22.02.24
81	Fumapest Services' Damp-Proofing Installation Compliance Certificate dated 16.04.24
82	Maxwood Technology's Material, Floor and Wall Linings/Coverings, Surface Finishes & Air Handling Ductwork (Fire Hazard Properties) Installation Compliance Certificate dated 10.04.24
83	Maxwood Technology's Installation Certificate dated 04.04.24
84	TPI's Installation Certificate (Toilet & Shower Partitions) dated 15.02.24
85	OTIS's Passenger Lifts Including Stretcher Facilities Installation Compliance Certificate dated 02.05.24
86	Polyseal Waterproofing Technologies' Waterproofing of Wet Areas Installation Compliance Certificate dated 11.04.24
87	CRC Tiles' Waterproofing of Wet Areas Installation Compliance Certificate dated 01.04.24

Attachment B – Limitations and Exclusions

1. This Statement relates only to the criteria listed in Section 6.28(2) of the Environmental Planning and Assessment Act 1979. It does not verify compliance against any other requirements, including the relevant planning approval and any associated conditions.
2. This Statement does not constitute a compliance certificate for the purposes of Division 6 of the Environmental Planning & Assessment Act 1979 and shall not be construed as such.
3. This Statement does not absolve other parties of their obligations and responsibilities. In issuing this Statement Jensen Hughes has relied upon our own inspections and advice and certification as evidence of suitability from other parties. Such advice and certification have been accepted in good faith, and is expected to have been issued accurately, correctly and with competence and due care by appropriately qualified and experienced persons.
4. This Statement excludes the proposed portable Bluetooth hearing augmentation systems, which have not yet been installed and which we understand are to be installed at a later date.

Attachment C – Notes

1. Whilst compliance was verified on the dates of our own inspections and via the various certifications provided by other parties, the Crown, or in this case the NSW Government, is held solely responsible for ensuring (by whatever means deemed appropriate) ongoing compliance of the subject development with the Disability (Access to Premises – Buildings) Standards 2010.
2. The BCA specifies how the objects of the DDA are to be achieved in the provision of accessible buildings, and compliance with the BCA has been verified to the best of our knowledge in the subject building work. The intent of the BCA is to give certainty to building certifiers, developers and managers that if the BCA is complied with, they cannot be subject to a successful complaint under the DDA in relation to those matters covered by the BCA.



Core Engineering Group • Fire • Risk • Emergency Management

Our Ref: F201584_FIR_01

7 May 2024

Roberts Co
Level 54, 1 Farrer Place
Sydney, NSW, 2000

Attention: Camilla Ferguson

Dear Camilla,

RE: Fire Safety Engineering Inspection Report | Sydney Olympic Park High School | 7-11 Burroway Road, Wentworth Park, NSW 2127

The purpose of this statement is to provide information to the Principal Certifying Authority that prior to the issue of the Occupation Certificate for the abovementioned development that the requirements of Section 40(2)(b) of the *Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021* have been met.

We trust that the attached statement is sufficient for the Principal Certifying Authority's needs with respect to fire safety design and compliance with the relevant building regulations in this regard. Please review the certificate at your convenience and if you have any questions contact the undersigned on 02 9299 6605.

Yours faithfully

Dean Watt
Fire Safety Engineer

Encl.

Core Engineering Group Pty Ltd
ABN 40 760 911 311

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FIRE ENGINEERING INSPECTION REPORT

CERTIFICATE NO. :	F201584_FIR_01
PROPERTY DETAILS :	Sydney Olympic Park High School, 7-11 Burroway Road, Wentworth Park, NSW 2127
CLIENT :	Roberts Co
DATE :	7 May 2024

COMPLETED WORKS

DESCRIPTION OF WORKS :	Development of a new 6-storey high school facility.
CLASSIFICATION(S) :	Class 9b (Public Assembly/School), Class 5 (Office/Classroom)
RISE IN STOREYS :	The building has a rise in storeys of Six (6)
CONSTRUCTION :	The building is required to be of Type A Construction
EFFECTIVE HEIGHT :	The building has an effective height of 20 m

BASIS OF STATEMENT

This statement is based upon: –

- The works as detailed in Fire Engineering Report F201584_FER_07 dated 28 July 2023.
- Building Code of Australia, Volume 1 (2019).
- The Environmental Planning & Assessment (Development Certification and Fire Safety) Regulation 2021.
- Inspection of the area of works on 21 February, 11 April, 18 April, and 01 May 2024.
- Evidence of completion as listed in APPENDIX A.

LIMITATIONS & EXCLUSIONS

This statement does not constitute a Compliance Certificate in accordance with Part 4 of the *Environmental Planning & Assessment Act 1979*. It is based on a visual, non-invasive check of representative samples of the building to which safe and reasonable access was available and permitted on the date and time of the inspection. The inspection should not be considered as a testing or maintenance procedure nor act as a guarantee or warranty of any kind.

This statement relates only to the building works contained within the nominated documentation and excludes –

- The installation and operational capacity of electrical, mechanical, hydraulic, fire and general building;
- Confirmation of compliance of any building services or provisions in accordance with the relevant BCA requirements, Australian Standards or manufacturer's requirements particularly where such services are required to meet the prescriptive requirements;
- Independent service provider requirements for fire safety relating to electricity, gas, water and telecommunications.

COMPLETION STATEMENT

The building works performed at the aforementioned building are considered to have been completed and are consistent with the relevant principles and provisions of the Performance Solutions contained within the Fire Engineering Report.

Author:



Dean Watt

Senior Fire Engineer

B Eng Chem (Hons)

M (Fire Safety)

Verified:



Graham Morris

Technical Director

CPEng MIEAust NER

Registered Certifier – Fire Safety (3200)

APPENDIX A EVIDENCE OF COMPLETION

#	ITEM	SPECIFIC FER REQUIREMENT	VISUAL	CERT	TEST	COMMENT	COMPLETE
1	Curtain wall	Where the curtain wall connects to the slab edge, the gap between the slab edge and the glazing is permitted to be up to 216 mm. This is reliant on: ► Gaps between the floor slabs and the curtain wall are to be packed with non-combustible insulation (e.g. rockwool) with minimum 80 kg/m ³ density.		x		Façade installation certificate provided by Ausrise Façade Contracting dated 11/04/2024.	Yes
2		► Steel smoke flashing is to be provided above the non-combustible insulation at the top of the slab.		x		Façade installation certificate provided by Ausrise Façade contracting dated 11/04/2024.	Yes
3	Fire compartments	Fire compartmentation within the building is to comply with the relevant DtS requirements, with the following permitted exception: ► Ground Level and Level 1 are permitted to form one single fire compartment that exceeds 8,000 m ² , being approximately 8,257 m ² . • Distance between the Ground Floor admin area and the adjacent amenities / back-of-house area (on either side of the main entry) must be at least 12 m (refer to Figure 8-4 of the FER).	x			Ground Floor layout visually confirmed during site inspection on 11/04/2024 to be consistent with that depicted in the FER. Installation certificate for fire seals provided by X-clusive Group dated 09/04/2024. Ground Floor store rooms observed to be appropriately fire separated. All fire doors observed to be provided with door-closes and door and frame tags. Redundant pipework penetrations are observed to be appropriately sealed. (L5 window wall)	Yes
4		• Signage must be provided within the public reception area stating “MAIN ENTRY MUST BE MAINTAINED CLEAR OF COMBUSTIBLES” in text no less than 20 mm and in a contrasting colour to the background. This measure is to be listed as an Essential Fire Safety Measure on the Fire Safety Schedule.	x	x		Required signage observed during site inspection on 1/05/2024. Installation certificate for warning and operational signs provided by AW Signs dated 03/04/2024. Cert includes specific requirement for signage as per this line item. Fire Safety Schedule provided by Roberts Co. dated 20/09/2023.	Yes
5		• Management procedures to include maintenance of sterile area within main entry.		x		SINSW letter provided on 24/04/2024 confirming requirement will be implemented in the building management procedures.	Yes
6	Fire rated doorsets	Fire doors must comply with the requirements of the DtS Provisions of the BCA with the following exception permitted: ► The --/60/30 fire-rated sanitary compartment (toilet) and cleaner closet doors within 6 m of external Stair 2 and Stair 3 as indicated by Figure 8-31 and Figure 8-32 of the FER are permitted to be fitted with an indicator bolt and a 20 mm undercut.	x			Sanitary compartments are provided with indicator bolts and 20mm undercut as indicated in the FER.	Yes
7		• No Dangerous Goods are permitted to be stored within the cleaner’s closets in these areas.		x		SINSW letter provided on 24/04/2024 confirming requirement will be implemented in the building management procedures.	Yes
8		To substantiate the above, door leaves serving the assessed wash closets and cleaner’s closets are to be provided with door tags identifying that they are subject to a Performance Solution, stating: ► Cleaner’s Closets: “Subject to a Performance Solution for 20 mm threshold clearance”. ► Wash Closets: “Subject to a Performance Solution for 20 mm threshold clearance and door hardware”.	x			Door tags visually confirmed for sanitary compartments north of Stair 2 during site inspection on 11/04/2024. Door tags visually confirmed for sanitary compartments east of Stair 3 during site inspection on 01/05/2024.	Yes

#	ITEM	SPECIFIC FER REQUIREMENT	VISUAL	CERT	TEST	COMMENT	COMPLETE
9	Exit travel distances	Travel distances to a point of choice, the nearest of alternative exits, and between alternate exits and are to comply with the permitted exceptions: ► Up to 30 m to a point of choice ► Up to 50 m to the nearest exit ► Up to 70 m between alternative exits. Note: the travel distances are measured through adjoining classrooms where sliding/partition doors are present between classrooms.	x			Building layout visually confirmed to be consistent with FER based on site inspection on 11/04/2024.	Yes
10	Easement in lieu of public road	A registered right-of-way easement is relied upon along the eastern boundary in lieu of a road to open space, to address access and egress, and to mitigate the risk of fire spread.		x		Easement registration details provided by Roberts Co. dated 02/04/2024.	Yes
11		► Refer to "Section 88B Instrument – Eastern Easement" for requirements relating to the registration of the easement. From the time of occupation of the school until completion of the public road, egress onto the western boundary shall also be provided.		x		Statement received from EY confirming that the western pathway to Burroway Road will be maintained until completion of eastern road.	Yes
12		► A minimum 3 m clear width shall be provided to egress onto western boundary and connect to Burroway Road in accordance with DtS Provision D1.10 as per Figure 8-65 of the FER.	x			Egress path observed to be available on the western boundary.	Yes
13	Discharge of exits	Exits may discharge into the central courtyard, provided: ► The central courtyard is completely open to the sky (i.e. uncovered).	x			Central courtyard is open to sky.	Yes
14		► Multiple pathways are provided to reach the road, as indicated in Figure 8-6 of the FER.	x			Multiple egress paths from the central courtyard are available to the north, south and east, as observed during site inspection on 11/04/2024.	Yes
15	Aggregate egress width	The aggregate egress width from each storey must comply, with the exception of Level 2 which is permitted to be 6 m and may serve up to 693 persons (in lieu of 680 persons).	x	x		Egress widths generally observed to be acceptable and consistent with FER, based on site inspection on 11/04/2024. Architectural certificate provided by Woods Bagot dated 23/04/2024.	Yes
16	External stairways or ramps in lieu of fire-isolated stairs	The following are permitted with respect to the external stairs: ► The design of Stairs 2 and 3 on Level 1 as shown in Figure 3-3 through to Figure 3-9 of the FER is permitted.	x			Stair layouts visually observed during site inspection on 21/02/2024 to be consistent with the FER.	Yes
17		► Stair 2 is permitted to be discontinuous on Level 1, reliant on the flight descending to Ground Level being directly ahead as indicated in Figure 8-11 of the FER.	x			Stair layouts visually observed during site inspection on 21/02/2024 to be consistent with the FER.	Yes
18		► Stairs 2 and 3 are permitted to discharge into the covered areas on Ground Level.	x			Stair layouts visually observed during site inspection on 21/02/2024 to be consistent with the FER.	Yes
19		► The enclosure below Stair 2 on Ground Level of two (2) sanitary compartments (toilets) is permitted not to be enclosed by fire-rated construction.	x			Sanitary compartment below stair 2 visually observed during site inspection on 11/04/2024 to be consistent with the FER.	Yes
20		► Openings within 3 m of Stair 3 on Level 1 are permitted to be protected in accordance with DtS Provision C3.4 (Figure 8-22 of the FER). • The remainder of the external wall within 3 m of the external stair must achieve minimum 60/60/60 FRL, with --/60/30 doors.		x		Lightweight construction installation certificate provided by X-clusive Group dated 09/04/2024. Installation certificate provided by Precision Fire dated 19/03/2024.	Yes
21		► Openings within 3 m to 6 m of Stairs 1 and 3 on Ground Level to Level 5 (including the point of discharge on Ground Level) shall be protected with ceiling mounted sprinklers in lieu of C3.4 protection – refer to 'Sprinklers' row of this table. This is also reliant on: • Fire-rated pony wall (achieving an FRL of --/60/60), 1 m AFFL (with the exception of the doorway).	x	x		Fire-rated pony wall visually inspected during inspection on 21/02/2024. Lightweight construction installation certificate provided by X-clusive Group dated 09/04/2024.	Yes
22		► The external wall and openings in them within 6 m of the pathway to the road/open space from Stairs 2 and 3 need not comply with D1.7 (i.e. no FRL nor C3.4 protection), provided at least one alternative egress path to a road/open space is afforded (refer to Figure 8-38 and Figure 8-40 of the FER).	x			Egress paths from stairs 2 and 3 are visually confirmed to be consistent with FER.	Yes
23	Sliding door as required exit	The north-eastern sliding door shall be permitted to serve as a required exit despite not being manually operable. ► The north-eastern gate is to be provided with a fire-trip to automatically open on fire alarm in the building.			x	Witness testing conducted on 01/05/2024. Sliding gate observed to automatically open on fire-trip.	Yes
24	Fire hydrants	A fire hydrant system must be installed in accordance with AS2419.1:2005. Additionally:		x	x	Hydraulic installation certificate provided by Precision Fire dated 19/03/2024. Hydrant pump operation observed on site on 18/04/2024.	Yes

#	ITEM	SPECIFIC FER REQUIREMENT	VISUAL	CERT	TEST	COMMENT	COMPLETE
25		► All connection points must be fitted with Storz hose couplings which comply with Clause 9.2, 9.3 and 9.4 of AS2419.1:2005. Further information is available from the FRNSW Guide Sheet No.4 'Hydrant system connectors' available at www.fire.nsw.gov.au .		x		Hydraulic installation certificate provided by Precision Fire dated 19/03/2024.	Yes
26		► Clear block plans (not less than A2 in size) shall be provided at the booster assembly.	x	x		Block plans provided for review on 18/04/2024.	Yes
27		► The booster assemblies shall be located off Burroway Rd as indicated in Figure 5-1 of the FER.	x			Fire hydrant booster assemblies visually inspected on site. Location consistent with FER.	Yes
28		► Internal hydrants adjacent external stair 2 are permitted to be located more than 4 m from the required exits (approximately 10 m) refer to Figure 8-45 of the FER. • Right angle signage must be provided at high level for the fire hydrants (refer to Figure 8-46 for an example).	x			Internal hydrants adjacent stair 2 visually inspected during site inspection on 11/04/2024. Indicative signage observed during inspection on 01/05/2024 at the hydrant locations.	Yes
29	Fire hose reels	Fire hose reels must be provided in accordance with the Relevant Regulatory Requirements.		x		Hydraulic installation certificate provided by Precision Fire dated 19/03/2024.	Yes
30		► The following storerooms must achieve fire hose reel coverage when measuring through fire doors, however fire hose reels themselves do not need to be provided in these enclosures (Figure 8-47): • Ground Floor: sports equipment, large equipment and chair store. Instead, portable fire extinguishers are required (refer to 'Fire extinguishers' row of this table).	x			Photos of fire extinguishers serving fire separated store rooms provided by Robert Co. on 02/05/2024.	Yes
31		► Fire hose reels adjacent external stair 2 are permitted to be located more than 4 m from the required exit (approximately 10 m) refer to Figure 8-45. • Right angle signage must be provided at high level for the fire hose reels (refer to Figure 8-46 for an example).	x			Location of FHR visually confirmed during site inspection on 11/04/2024 to be consistent with FER. Indicative door signage and right-angle signage observed during inspection on 01/05/2024 at the FH/FHR locations.	Yes
32	Sprinkler	An automatic fire sprinkler system is to be installed throughout the building in accordance with AS2118.1:2017.		x	x	Fire services certificate provided by Precision Fire dated 19/03/2024. Successful witness testing of sprinkler system activation conducted during inspection on 18/04/2024.	Yes
33		► Sprinklers must be fast response, having an activation temperature no greater than 68°C and an RTI no greater than 50m1/2s1/2. Where deviations to this are proposed (e.g. concealed spaces and below roofs), these must be presented to a suitably qualified fire engineer for review. Note: The clarification included within Amendment 2 of AS2118.1:2017 Clause 5.9.17 may be adopted (i.e. sprinkler protection to toilet cubicles and the like).		x		Fire services certificate provided by Precision Fire dated 19/03/2024.	Yes
34		► In classrooms, sprinklers are permitted to be placed without regard to the blades of ceiling fans, provided the following is achieved: • Ceiling fan blades are less than 1.5 m in diameter. • Ceiling fan blades have at least 50% open area in plan. • The sprinklers must be positioned away from the housing unit of the ceiling fans by a minimum distance of three times the maximum dimension of the housing unit.		x		Fire services certificate provided by Precision Fire dated 19/03/2024. FER installation certificate provided by Precision Fire dated 19/03/2024, confirming ceiling fan requirements are met.	Yes
35		<u>Protection of External Stairs</u> Ceiling mounted sprinklers must be located on the classroom side of glazing that is within 3 m to 6 m of all external stairs on Ground Level to Level 5 (including the point of discharge on Ground Level), to provide full coverage to all elements below the fire rated bulkhead:	x	x		Internal drenchers provided to Level 1 glazed door adjacent to Stair 3 and general presence of ceiling-mounted sprinklers viewed during site inspection on 11/04/2024. The additional drenchers provided externally within proximity to Stairs 3 is not a requirement of the fire engineering, and may be removed if desired. Further, their presence does not adversely affect the fire safety strategy, nor the compliance of the sprinkler system. Fire services certificate provided by Precision Fire dated 19/03/2024.	Yes
36		► The sprinkler distance (horizontally) from the façade must be no greater than 300 mm, and otherwise compliant with AS2118.1.		x		Fire services certificate provided by Precision Fire dated 19/03/2024.	Yes
37		► All glazing within 6 m is to be minimum 6 mm monolithic toughened or heat strengthened (i.e. no laminated glazing).		x		Façade installation certificate provided by Ausrise Façade contracting dated 11/04/2024.	Yes

#	ITEM	SPECIFIC FER REQUIREMENT	VISUAL	CERT	TEST	COMMENT	COMPLETE
38		► Any operable windows must be automatic closing.	x	x		Roberts Co. confirmed not applicable - no operable windows within the building are provided with sprinkler protection.	Yes
39		► Glazing and doorway surface must be flush with its framing (on the classroom side). The bulkhead and ceiling voids are to be provided with DtS-compliant sprinkler protection.	x	x		Glazing and doorway detail visually acceptable, based on site inspection on the 21/02/2024. Fire services certificate provided by Precision Fire dated 19/03/2024.	Yes
40	Fire extinguisher	Portable fire extinguishers must be provided throughout the building with their location and selection relevant to the risk class in accordance with the relevant Regulatory Requirements. ► At least one additional portable fire extinguisher (PFE) is required to serve the areas where fire hose reels are not located as per 'Fire hose reels' row of this table. • The location of these extinguishers must be clearly defined by AS2444 compliant signage. • The PFE must be located along the path of travel to the exit, as closed to the door as practical, and not obstructed by the door when it is in the open position.	x	x		Fire extinguishers observed on site during site inspection on 11/04/2024. PFE installation certificate provided by Precision Fire dated 19/03/2024.	Yes
41	Smoke detection	A smoke detection and alarm system shall be provided throughout the building in accordance with Specification E2.2a and AS1670.1.		x	x	Fire services installation certificate provided by Precision Fire dated 14/04/2024. Successful witness testing of smoke detector activation conducted during inspection on 18/04/2024.	Yes
42	Smoke hazard management	Automatic shutdown of air-handling systems must be in accordance with the requirements of NSW Table E2.2b. Note: Automatic smoke exhaust is not required.		x	x	Mechanical installation certificate provided by Fredon Air dated 08/04/24. Automatic shutdown of air-handling system on fire trip observed during inspection on 18/04/2024.	Yes
43	Emergency lighting	Emergency lighting must be installed in accordance with the relevant Regulatory Requirements.		x		Electrical installation certificate provided by Goldline Industries dated 16/04/2024.	Yes
44	Exit signs	Exit signs and direction signs to exits must be installed in accordance with the relevant Regulatory Requirements, with the following exception. ► Directional signs to exits in external walkways and semi-external circulation spaces may be mounted directly below the above slab at ~3.5 m, on the basis that the design spacing is not greater than 22 m apart for exit signs with a minimum pictorial element of 150 mm.		x		Electrical installation certificate provided by Goldline Industries dated 16/04/2024.	Yes
45	Emergency warning and intercom system	An EWIS must be provided throughout the building as per the relevant regulatory requirements.		x	x	Fire services installation certificate provided by Precision Fire dated 14/04/2024. Witness testing of EWIS activation on fire trip conducted during inspection on 18/04/2024.	Yes
46	Notification	An automatic link shall be provided directly to an approved monitoring centre on activation of the fire detection systems.		x	x	Fire services installation certificate provided by Precision Fire dated 14/04/2024. ASE not yet in place, as of inspection on 11/04/2024. ASE confirmed to be installed during inspection on 18/04/2024, ASE signal observed on fire trip.	Yes
47	Control and indicating equipment	The fire control centre (FCC) shall be located at the main entry to the building off Burroway Road, in the reception area as indicated in Figure 8-58 of the FER. ► A red strobe shall be installed at the entrance to the FCC to alert arriving fire brigade of the FIP location. ► The change in level from the footpath to the FCC is permitted to exceed 300 mm.	x	x	x	FCC confirmed to be located at the reception area, adjacent to the main entry. Fire panel connection and strobe activation tested during inspection on 18/04/2024. FCC installation certificate provided by Precision Fire dated 14/04/2024.	Yes
48	Block plans	Block / site plans are to be provided for use by the fire brigade adjacent to the Fire Indicator Panel and booster assemblies in accordance with the relevant regulatory requirements.	x	x		Hydrant and sprinkler block plans provided on 18/04/2024.	Yes
49	Solar panels	Where solar panels are used, the following is required a schematic diagram must be provided at the FIP. This diagram must: ► SOLAR PANELS (PV CELLS) as a heading in red lettering not less than 25 mm high. ► Outline the location of any isolation / shut-off switches and their respective shut down procedure(s).	x			Solar schematic observed inside the main switchroom during site inspection on 11/04/2024. The schematic diagram has been corrected to reflect the orientation of the viewer, 01/05/2024.	Yes
50	Emergency management plan	An Emergency Evacuation Plan shall be developed to adhere to the Workcover Health and Safety requirements.		x		SINSW letter provided on 24/04/2024 confirming emergency evacuation plan will be developed.	Yes

#	ITEM	SPECIFIC FER REQUIREMENT	VISUAL	CERT	TEST	COMMENT	COMPLETE
51	Section 88B Instrument - Eastern Easement	A Right of Way easement (instrument pursuant to Section 88B of the Conveyancing Act 1919) is required to be registered with the Department for Lands and Property Information for the benefit of the subject Lot. ▶ Lot 2 of DP1276305 shall be the burdened allotment, for the benefit of the subject site (Lot 1 of DP1276305). ▶ The registered easement must connect to Burroway Road. ▶ The registered easement must extend form the boundary to no less than 8.5 m from the building. ▶ The egress pathway on the easement must be minimum width of 3 m. This 3 m width must be greater than 6 m from the building, with the exception of the pump room, main comms room, main switch room and waste area. ▶ Clear path is to be maintained free of storage, combustibles, or obstructions. Any gates through any fencing are to be provided in accordance with the DtS Provisions. ▶ The easement must be maintained from the time of occupation of the school until completion of the public road. ▶ The easement is to be listed on the AFSS as an essential fire safety measure.		x		Easement registration details provided by Roberts Co. dated 02/04/2024. Fire Safety Schedule provided by Roberts Co. dated 20/09/2023, with section 88b instrument easement listed as a line item.	Yes
52	Essential fire safety measures	All design requirements and management-in-use procedures outlined within this table are to be listed as Essential Fire Safety Measures and shall be included in the building's Fire Safety Schedule.		x		Fire Safety Schedule provided by Roberts Co. dated 20/09/2023.	Yes

#	TEST	SETUP	OPERATIONS	SUCCESS	COMMENTS
1	Sprinkler Activation	Systems in auto	Signal received at FIP	y	Tested on 18/04/2024
		Isolate ASE	Strobe at build entry activates	y	Tested on 18/04/2024
		North-eastern sliding gate in closed position	Emergency Warning Intercommunication System sounds throughout all levels simultaneously	y	Tested on 18/04/2024
		Air handling systems turned on	Sprinkler alarm activates	y	Tested on 18/04/2024
		Open sprinkler valve set	Sprinkler pump activates	y	Tested on 18/04/2024
			North-eastern sliding gate automatically opens	y	North-eastern gate not yet installed as of inspection on 18/04/2024 Sliding gate installed, tested on 01/05/2024.
			Air handling systems automatically shuts off	y	Tested on 18/04/2024
			Brigade callout to occur (indicated only)	y	Tested on 18/04/2024
2	Smoke Detection Activation	Systems in auto	Signal received at FIP	y	Tested on 18/04/2024
		Isolate ASE	Strobe at build entry activates	y	Tested on 18/04/2024
		North-eastern sliding gate in closed position	Emergency Warning Intercommunication System sounds throughout all levels simultaneously	y	Tested on 18/04/2024
		Air handling systems turned on	North-eastern sliding gate automatically opens	y	North-eastern gate not yet installed as of inspection on 18/04/2024 Sliding gate installed, tested on 01/05/2024
		Trigger nominal smoke detector	Air handling systems automatically shuts off	y	Tested on 18/04/2024
			Brigade callout to occur (indicated only)	y	Tested on 18/04/2024
3	Hydrant Operation	Open hydrant	Water flow confirmed	y	Tested on 18/04/2024
			Hydrant pump operates (if provided)	y	Tested on 18/04/2024