

Crown Works Certificate

Under Section 6.28 of the Environmental Planning and Assessment Act 1979 No 203

Project

Cumberland High School Redevelopment

Applicant's details

Title Mr Ms Mrs Other

First Name **Henry** Surname **Lau** Position **Senior Project Director**

Company / Organisation Name **School Infrastructure NSW**

Address **Level 8, 259 George Street, Sydney NSW 2000**

Property details

Property address
183 Pennant Hills Rd, Carlingford NSW 2118

Detailed description of the development - Building Work
Structural works including piling, concrete floor slabs, roof, stair shafts and lift shafts.
Civil and stormwater works also form part of this approval.
Excludes all non-structural elements that are shown on approved architectural plans.

Existing BCA Classification **NA**


Proposed BCA Classification **9b**

Determination

Date of determination **16/02/2024** Certificate number **23186-s6.28-CHS-02**

I confirm that work completed in accordance with documentation referenced in this certificate will comply with the requirements of the Building Code of Australia 2019 Amendment 1.

This certification is based on the documents and comments referenced on the following pages.

Name of Certifier **Sean Moore** Signature of Certifier 

Comments in relation to this certificate

- Architectural drawings are for concrete coordination purposes only. Handrails and balustrades shown on these drawings don't form part of this approval.
- The lack of wheelchair seating in the tiered seating does not form part of this approval and will be subject to a performance solution.

Plans approved under this certificate

Architectural drawings prepared by Woods Bagot

No.	Title	Drawing Number	Revision	Date
1.	Structural Sections And Elevations - Sheet 1	CHS-WB-AR-31-00-01	E	08/02/2024
2.	Lift Sections And Elevations	CHS-WB-AR-31-00-10	E	08/02/2024
3.	Structural Setout Plan -Lower Ground - Overall	CHS-WB-AR-21-00-00	E	08/02/2024
4.	Structural Setout Plan -Lower Ground – Topping Screed	CHS-WB-AR-21-00-01	B	08/02/2024
5.	Structural Setout Plan -Ground- Building Y - Zone 1	CHS-WB-AR-21-0G-Y1	E	08/02/2024
6.	Structural Setout Plan -Ground- Building Y - Zone 2	CHS-WB-AR-21-0G-Y2	E	08/02/2024
7.	Structural Setout Plan -Ground- Building Z	CHS-WB-AR-21-0G-Z	B	08/02/2024
8.	Structural Setout Plan -Lower Ground - Building Y -Zone 1	CHS-WB-AR-21-00-Y1	E	08/02/2024
9.	Structural Setout Plan -Lower Ground - Building Y -Zone 2	CHS-WB-AR-21-00-Y2	E	08/02/2024
10.	Structural Setout Plan -Lower Ground - Building Z	CHS-WB-AR-21-00-Z	E	08/02/2024
11.	Structural Setout Plan -Lower Ground - Building Z -Stage	CHS-WB-AR-21-00-ZS	B	08/02/2024
12.	Structural Setout Plan -Level 1 - Building Y - Zone 1	CHS-WB-AR-21-10-Y1	B	08/02/2024
13.	Structural Setout Plan -Level 1 - Building Y - Zone 2	CHS-WB-AR-21-10-Y2	B	08/02/2024
14.	Structural Setout Plan -Level 2 - Building Y - Zone 1	CHS-WB-AR-21-20-Y1	B	08/02/2024
15.	Structural Setout Plan -Level 2 - Building Y - Zone 2	CHS-WB-AR-21-20-Y2	B	08/02/2024
16.	Structural Setout Plan -Level 3 - Building Y - Zone 1	CHS-WB-AR-21-30-Y1	B	08/02/2024
17.	Structural Setout Plan -Level 3 - Building Y - Zone 2	CHS-WB-AR-21-30-Y2	B	08/02/2024
18.	Structural Setout Plan -Roof- Building Y - Zone 1	CHS-WB-AR-21-RF-Y1	B	08/02/2024
19.	Structural Setout Plan -Roof- Building Y - Zone 2	CHS-WB-AR-21-RF-Y2	B	08/02/2024
20.	Structural Setout Plan -Concrete Wall Below Lower Ground	CHS-WB-AR-21-SG-Y1	E	08/02/2024
21.	Detail Arrangement Stair 1 - Sheet 1	CHS-WB-AR-43-00-01	B	08/02/2024
22.	Detail Arrangement Stair 1 - Sheet 2	CHS-WB-AR-43-00-02	B	08/02/2024
23.	Detail Arrangement Stair 2 - Sheet 1	CHS-WB-AR-43-00-03	B	08/02/2024
24.	Detail Arrangement Stair 2 - Sheet 2	CHS-WB-AR-43-00-04	B	08/02/2024
25.	Detail Arrangement Stair 3 - Sheet 1	CHS-WB-AR-43-00-05	B	08/02/2024
26.	Detail Arrangement Stair 3 - Sheet 2	CHS-WB-AR-43-00-06	B	08/02/2024
27.	Detail Arrangement Stair 4	CHS-WB-AR-43-00-07	C	15/02/2024
28.	Detail Arrangement Stair 5 And Stage Ramp	CHS-WB-AR-43-00-08	B	08/02/2024
29.	Detail Arrangement Stair 6 And Lecture Theatre	CHS-WB-AR-43-00-09	B	08/02/2024
30.	Detail Arrangement Stair 7 And Bleachers	CHS-WB-AR-43-00-10	B	08/02/2024

Structural drawings prepared by TTW

No.	Title	Drawing Number	Revision	Date
1.	Cover Sheet	CHS-TT-ST-000-00-00	F	14/12/2023
2.	Notes Sheet - Sheet 1	CHS-TT-ST-001-00-00	F	14/12/2023
3.	Notes Sheet - Sheet 2	CHS-TT-ST-002-00-00	E	14/12/2023
4.	Site And Location Plan	CHS-TT-ST-050-00-00	E	14/12/2023

No.	Title	Drawing Number	Revision	Date
5.	Overall - Footing Plan	CHS-TT-ST-200-00-00	E	14/12/2023
6.	Building Y - Footing And Piling Layout Plan - Zone A	CHS-TT-ST-200-00-Y	G	14/12/2023
7.	Building Y - Footing And Piling Layout Plan - Zone B	CHS-TT-ST-201-00-Y	G	14/12/2023
8.	Building Z - Footing And Piling Layout Plan	CHS-TT-ST-202-00-Z	F	14/12/2023
9.	Pile Loading Schedule	CHS-TT-ST-210-00-00	H	14/12/2023
10.	Typical Footing Details - Sheet 1	CHS-TT-ST-215-00-00	F	14/02/2024
11.	Typical Footing Details - Sheet 2	CHS-TT-ST-216-00-00	F	14/12/2023
12.	Sydney Water Sections - Sheet 1	CHS-TT-ST-230-00-Y	A	14/12/2023
13.	Column Schedule - Building Y - Sheet 1	CHS-TT-ST-250-00-Y	H	14/02/2024
14.	Column Schedule - Building Z	CHS-TT-ST-250-00-Z	G	14/02/2024
15.	Column Schedule - Building Y - Sheet 2	CHS-TT-ST-251-00-Y	H	14/02/2024
16.	Column Details - Sheet 1	CHS-TT-ST-260-00-00	E	14/02/2024
17.	Building Y - Wall Elevations - Sheet 1	CHS-TT-ST-300-00-Y	F	14/02/2024
18.	Building Y - Wall Elevations - Sheet 2	CHS-TT-ST-301-00-Y	F	14/02/2024
19.	Building Y - Wall Elevations - Sheet 3	CHS-TT-ST-302-00-Y	F	14/02/2024
20.	Building Y - Wall Elevations - Sheet 4	CHS-TT-ST-303-00-Y	F	14/02/2024
21.	Building Y - Wall Elevations - Sheet 5	CHS-TT-ST-304-00-Y	F	14/02/2024
22.	Building Z - Wall Elevations - Sheet 1	CHS-TT-ST-310-00-Z	F	14/02/2024
23.	Wall Details - Sheet 1	CHS-TT-ST-320-00-00	D	14/02/2024
24.	Wall Details - Sheet 2	CHS-TT-ST-321-00-00	D	14/02/2024
25.	Stair Key Diagrams	CHS-TT-ST-400-00-Y	D	14/02/2024
26.	Stair Reinforcement Plans	CHS-TT-ST-405-00-Y	B	14/02/2024
27.	Stair Details - Sheet 1	CHS-TT-ST-410-00-00	B	14/02/2024
28.	Overall - Lower Ground Floor Context Plan	CHS-TT-ST-500-00-00	C	14/12/2023
29.	Overall - Ground Floor Context Plan	CHS-TT-ST-500-0G-00	C	14/02/2024
30.	Overall - Level 1 Context Plan	CHS-TT-ST-500-10-00	C	14/02/2024
31.	Overall - Level 2 Context Plan	CHS-TT-ST-500-20-00	C	14/02/2024
32.	Overall - Level 3 Context Plan	CHS-TT-ST-500-30-00	C	14/02/2024
33.	Overall - Roof Level Context Plan	CHS-TT-ST-500-40-00	C	14/02/2024
34.	Building Y - Lower Ground Outline Plan - Zone A	CHS-TT-ST-510-00-Y	D	14/12/2023
35.	Building Y - Lower Ground Outline Plan - Zone B	CHS-TT-ST-511-00-Y	D	14/12/2023
36.	Building Z - Lower Ground Outline Plan	CHS-TT-ST-512-00-Z	D	14/12/2023
37.	Building Z - Lower Ground Floor Stage Plan	CHS-TT-ST-513-00-Z	C	14/02/2024
38.	Building Y - Ground Floor Outline Plan - Zone A	CHS-TT-ST-520-0G-Y	E	14/02/2024
39.	Building Y - Ground Floor Outline Plan - Zone B	CHS-TT-ST-521-0G-Y	E	14/02/2024
40.	Building Z - Ground Floor Outline Plan	CHS-TT-ST-522-0G-Z	E	14/02/2024
41.	Building Y - Level 1 Outline Plan - Zone A	CHS-TT-ST-530-10-Y	E	14/02/2024
42.	Building Y - Level 1 Outline Plan - Zone B	CHS-TT-ST-531-10-Y	E	14/02/2024
43.	Building Z - Level 1 Steelwork Marking Plan	CHS-TT-ST-532-10-Z	E	12/02/2024
44.	Building Y - Level 2 Outline Plan - Zone A	CHS-TT-ST-540-20-Y	E	14/02/2024
45.	Building Y - Level 2 Outline Plan - Zone B	CHS-TT-ST-541-20-Y	E	14/02/2024
46.	Building Y - Level 3 Outline Plan - Zone A	CHS-TT-ST-550-30-Y	E	14/02/2024
47.	Building Y - Level 3 Outline Plan - Zone B	CHS-TT-ST-551-30-Y	E	14/02/2024
48.	Building Y - Roof Outline Plan - Zone A	CHS-TT-ST-560-40-Y	E	14/02/2024
49.	Building Y - Roof Outline Plan - Zone B	CHS-TT-ST-561-40-Y	E	14/02/2024
50.	Building Y - Ground Floor Additional Diaphragm Reinforcement Plan - Zone A	CHS-TT-ST-630-0G-Y	A	14/02/2024

No.	Title	Drawing Number	Revision	Date
51.	Building Y - Ground Floor Additional Diaphragm Reinforcement Plan - Zone B	CHS-TT-ST-631-0G-Y	A	14/02/2024
52.	Building Y - Level 1 To Level 3 Additional Diaphragm Reinforcement Plan - Zone A	CHS-TT-ST-640-00-Y	A	14/02/2024
53.	Building Y - Level 1 To Level 3 Additional Diaphragm Reinforcement Plan - Zone B	CHS-TT-ST-641-00-Y	A	14/02/2024
54.	Building Y - Roof Level Additional Diaphragm Reinforcement Plan - Zone A	CHS-TT-ST-650-40-Y	A	14/02/2024
55.	Building Y - Roof Level Additional Diaphragm Reinforcement Plan - Zone B	CHS-TT-ST-651-40-Y	A	14/02/2024
56.	Diaphragm Reinforcement Sections - Sheet 1	CHS-TT-ST-660-00-00	A	14/02/2024
57.	Typical Suspended Slab Details	CHS-TT-ST-700-00-00	C	14/02/2024
58.	Typical Suspended Slab Joint Sections - Sheet 1	CHS-TT-ST-705-00-00	B	14/02/2024
59.	Lower Ground Floor Slab Sections - Sheet 1	CHS-TT-ST-710-00-00	B	14/12/2023
60.	Lower Ground Floor Slab Sections - Sheet 2	CHS-TT-ST-711-00-00	B	14/12/2023
61.	Lower Ground Floor Slab Sections - Sheet 3	CHS-TT-ST-712-00-00	B	14/12/2023
62.	Lower Ground Floor Slab Sections - Sheet 4	CHS-TT-ST-713-00-00	B	14/12/2023
63.	Lower Ground Floor Slab Sections - Sheet 5	CHS-TT-ST-714-00-00	A	14/12/2023
64.	Ground Floor To Level 3 Slab Sections - Sheet 1	CHS-TT-ST-720-00-00	C	14/02/2024
65.	Ground Floor To Level 3 Slab Sections - Sheet 2	CHS-TT-ST-721-00-00	C	15/02/2024
66.	Ground Floor To Level 3 Slab Sections - Sheet 3	CHS-TT-ST-722-00-00	C	16/02/2024
67.	Roof Level Slab Sections - Sheet 1	CHS-TT-ST-730-00-00	C	14/02/2024
68.	Lower Ground Loading Diagram	CHS-TT-ST-900-00-00	E	09/02/2024
69.	Ground Floor Loading Diagram	CHS-TT-ST-900-0G-00	E	09/02/2024
70.	Level 1 Loading Diagram	CHS-TT-ST-900-10-00	E	09/02/2024
71.	Level 2 Loading Diagram	CHS-TT-ST-900-20-00	E	09/02/2024
72.	Level 3 Loading Diagram	CHS-TT-ST-900-30-00	E	09/02/2024
73.	Roof Level Loading Diagram	CHS-TT-ST-900-40-00	E	09/02/2024

Civil drawings prepared by TTW

No.	Title	Drawing Number	Revision	Date
1.	Cover Sheet And Index	CC-TT-CV-10-00-00	4	19/12/2023
2.	General Notes Sheet 1	CC-TT-CV-10-00-01	4	19/12/2023
3.	General Notes Sheet 2	CC-TT-CV-10-00-02	4	19/12/2023
4.	General Notes Sheet3	CC-TT-CV-10-00-03	4	19/12/2023
5.	Erosion And Sediment Control Typical Details	CC-TT-CV-22-00-01	4	19/12/2023
6.	Bulk Earthworks Plan - Milestone 1	CC-TT-CV-23-00-01	6	15/12/2023
7.	Bulk Earthworks Plan - Milestone 2	CC-TT-CV-23-00-02	6	15/12/2023
8.	Bulk Earthworks Plan - Milestone 3	CC-TT-CV-23-00-03	6	15/12/2023
9.	Bulk Earthworks Plan - Milestone 5	CC-TT-CV-23-00-05	6	19/12/2023
10.	Bulk Earthworks Sections - Milestone 1	CC-TT-CV-23-00-06	4	15/12/2023
11.	Bulk Earthworks Sections - Milestone 2	CC-TT-CV-23-00-07	4	15/12/2023
12.	Bulk Earthworks Sections - Milestone 3	CC-TT-CV-23-00-08	4	15/12/2023
13.	Roadworks Typical Details	CC-TT-CV-24-00-01	4	19/12/2023
14.	Stormwater Drainage Typical Details Sheet 1	CC-TT-CV-25-00-01	5	19/12/2023
15.	Stormwater Drainage Typical Details Sheet 2	CC-TT-CV-25-00-02	5	19/12/2023
16.	Stormwater Drainage Typical Details Sheet 3	CC-TT-CV-25-00-03	5	19/12/2023
17.	Stormwater Drainage Typical Details Sheet 4	CC-TT-CV-25-00-04	6	15/12/2023
18.	Retaining Wall Typical Details	CC-TT-CV-26-00-01	5	20/12/2023

No.	Title	Drawing Number	Revision	Date
19.	Flood Wall Details	CC-TT-CV-26-00-02	3	07/11/2023
20.	Erosion And Sediment Control Plan	CHS-TT-CV-22-00-01	4	19/12/2023
21.	Stormwater Drainage Layout Plan	CHS-TT-CV-25-00-01	6	15/12/2023
22.	Stormwater Drainage Long Sections Sheet 1	CHS-TT-CV-25-00-02	5	15/12/2023
23.	Stormwater Drainage Long Sections Sheet 2	CHS-TT-CV-25-00-03	5	15/12/2023
24.	Retaining Wall Layout Plan	CHS-TT-CV-28-00-01	4	12/02/2024
25.	Pavement Layout Plan	CHS-TT-CV-30-00-01	5	12/02/2024

Stormwater drawings prepared by TTW

No.	Title	Drawing Number	Revision	Date
1.	Stormwater Drainage Typical Details Sheet 4	CC-TT-CV-25-00-04	6	15/12/2023
2.	Stormwater Drainage Layout Plan	CHS-TT-CV-25-00-01	6	15/12/2023
3.	Stormwater Drainage Long Sections Sheet 1	CHS-TT-CV-25-00-02	5	15/12/2023
4.	Stormwater Drainage Long Sections Sheet 2	CHS-TT-CV-25-00-03	5	15/12/2023

Attachments to the Crown Works Certificate

No.	Title	Prepared By	Reference	Date
1.	Civil Design Certificate CWC2	TTW (NSW) PTY LTD	221973	16/02/2024
2.	Structural Design Certificate CWC2	TTW (NSW) PTY LTD	221973_R1	14/02/2024
3.	Stormwater Design Certificate	TTW (NSW) PTY LTD	221973	12/02/2024
4.	Piling Design Certificate	Avo Piling Australia Pty Ltd		15/02/2024