



24 August 2021

NSW Department of Premier & Cabinet (Create NSW))
Level 10, 52 Martin Place,
Sydney NSW 2000

Attn: Mr Tony McCabe

**Re: Powerhouse Museum Discovery Centre Expansion Project
2 Green Road & 172 Showground Road, Castle Hill
Building J Crown Design Certificate 1 No: 2021-0039/CC1**

Please find enclosed our Crown Design Certificate No1 for Stage 1 of the above project which includes the following scope of works for Building J:-

- Site Establishment including Builders Amenities and Compound;
- Tree Removal and Site Clearing;
- Locate, Cap or Divert Existing Services;
- Decommission & Salvage items as required including relocation of gates as required;
- Surveying;
- Bulk Cutting and Filling;
- Retaining Walls incl Blockwork & Shotcrete;
- Piling;
- Detailed Excavation;
- FRP Footings;
- Structure such as slabs, lift, walls, columns and stairs. Excluding Stairs 03 / 04 / ST05/ST06
- Precast walls – this includes angles fix to slab edge.
- Civil Works; only road realignment works between TAFE and MDC.
- Civil works to northern end of OSD tank
- In-Ground Services & Drainage; to perimeter of building and Serving the OSD Tank.

The remainder of the building works will be the subject of a subsequent Crown Certificate No 2.

Should you require any further information or explanation, please do not hesitate to contact me

Yours faithfully,

Sean Connolly
Consult Code Solutions
sconnolly@consultcode.com.au



CROWN DESIGN CERTIFICATE

This certificate is issued Section 6.28 of the Environmental Planning and Assessment Act 1979

1. Applicant

Mr **Ms** **Mrs** **Dr** **Other** [Click here to enter text.](#)

Name

Mr Tony McCabe

Company Name

NSW Department of Premier & Cabinet (Create NSW)

Address

Level 10, 52 Martin Place,
Sydney NSW 2000

Phone

0419 263 854

Mobile

Email

Tony.mccabe@create.nsw.au

2. Owner

Name

Minister Administering the Technical and Further Education
Commission Act 1990.

Attn: David Brennan, A/General Manager TAFE Infrastructure NSW

Address

Level 2, Building A,
Mary Ann Street,
Ultimo NSW 2007

3. Identification Of The Land

Powerhouse Museum Discovery Centre
2 Green Road and 172 Showground Road
Castle Hill NSW 2154

Lot No. 102

Lot No. 1

DP No. 11302712

DP No. 1066281

4. Description Of The Subject Work

Stage 1 of the Expansion of the Powerhouse Museum Discovery Centre Project for the construction of a new building (Building J) for the storage of Powerhouse collection and archive, spaces for education and public programs, conservation and research.



– The works the subject of this approval include the following:-

- Site Establishment including Builders Amenities and Compound;
- Tree Removal and Site Clearing;
- Locate, Cap or Divert Existing Services;
- Decommission & Salvage items as required including relocation of gates as required;
- Surveying;
- Bulk Cutting and Filling;
- Retaining Walls incl Blockwork & Shotcrete;
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- Structure such as slabs, lift, walls, columns and stairs. Excluding Stairs 03 / 04 / ST05/ST06
- Precast walls – this includes angles fix to slab edge.
- Civil Works; only road realignment works between TAFE and MDC.
- Civil works to northern end of OSD tank
- In-Ground Services & Drainage; to perimeter of building and Serving the OSD Tank.

5. NCC Classification

Classes 5, 7b, 8, & 9b

6. Certification

I, **Sean Connolly** certify that,

The proposed design as shown on the drawings listed in Schedule 1 of this certificate will comply with the Building Code of Australia 2019 Amendment 1, subject to compliance with any requirements specified in the documents included in Schedule 2 of this certificate.

Crown Certificate No. 2021-0039-CC1

Date of this Certificate: 24 August 2021

8. Signature

Signature

Name of Principal Certifying Authority

Sean Connolly of Consult Code Solutions

**Telephone**

(02) 8415 9847

Mobile

0413 457 771

Accreditation Body of the Certifier

NSW Fair Trading

Accreditation no. of the Certifier

BDC 0070

Schedule 1 Approved Plans & Documentation

Architectural Plans Prepared by Lahznimmo Architects dated 13 August 2021

Drawing Number	Revision	Title
J-WD-A1050	01	CC1 Cover Page
J-WD-A1100	07	Site Plan
J-WD-A1200	07	Site Demolition Plan
J-WD-A1300	07	Lower Ground Floor Concrete Profile Plan 01 of 02
J-WD-A1301	08	Lower Ground Floor Concrete Profile Plan 02 of 02
J-WD-A1302	07	Ground Floor Concrete Profile Plan 01 of 02
J-WD-A1303	08	Ground Floor Concrete Profile Plan 02 of 02
J-WD-A1304	07	Level 01 Concrete Profile Plan 01 of 02
J-WD-A1305	08	Level 01 Concrete Profile Plan 02 of 02
J-WD-A1306	07	Level 02 Concrete Profile Plan 01 of 02
J-WD-A3500	06	Precast Concrete Location Plan
J-WD-A3501	06	Precast Concrete 01 PC 1 Panels
J-WD-A3502	06	Precast Concrete 02 PC 1 Panels
J-WD-A3503	05	Precast Concrete 03 PC 2 Panels
J-WD-A3504	05	Precast Concrete 04 PC 2 panels
J-WD-A3505	05	Precast Concrete 05 PC 2 Panels
J-WD-A3506	06	Precast Concrete Elevations + Details
J-WD-A3507	03	Precast Concrete Details
J-WD-A4002	11	Façade Sections
J-WD-A4500	08	Stair Details Stair 01 + 02

Structural Plans Prepared by Northrop Consulting Engineers dated 27 August 2021

Drawing Number	Revision	Title
J-WD-S-00	D	Coversheet & Drawing List
J-WD-S-01	C	Specification Notes Sheet 1
J-WD-S-02	D	Specification Notes Sheet 2
J-WD-S-03	C	Specification Notes Sheet 3
J-WD-S-05	E	Legends & Schedules Sheet
J-WD-S-06	D	Loading Plans – Sheet 1
J-WD-S-10	D	Foundation Plan 1/2
J-WD-S-11	D	Foundation Plan 2/2
J-WD-S-15	D	Foundations Sections & Details Sheet 1
J-WD-S-16	B	Foundations Sections & Details Sheet 2



J-WD-S-20	D	Lower Ground Floor Plan 1/2
J-WD-S-21	E	Lower Ground Floor Plan 2/2
J-WD-S-25	C	Lower Ground Floor Detail Sheet 1
J-WD-S-30	F	Ground Floor Plan 1/2
J-WD-S-31	D	Ground Floor Plan 2/2
J-WD-S-40	E	Level 1 Floor Plan 1/2
J-WD-S-41	E	Level 1 Floor Plan 2/2
J-WD-S-45	C	Level 1 Details Sheet 1
J-WD-S-50	C	Concrete Columns Sections & Details
J-WD-S-51	C	Wall Sections & Details
J-WD-S-52	F	Precast wall Sections & Details
J-WD-S-53	D	Concrete Stair Sections & Details
J-WD-S-63	C	Collections Ceiling Part Plan
J-WD-S-80	E	Precast wall Elevations – Sheet 1
J-WD-S-85	C	Fire Wall Elevation at Grid 05

Landscape Plans Prepared by Aspect Studios dated 30 July 2021

Drawing Number	Revision	Title
J-WD-L 500	05	Tree Retention and Removal Plan

Civil Plans Prepared by Northrop Consulting Engineers dated 16 August 2021

Drawing Number	Revision	Title
J-WD-C-1.01	9	Coversheet, Drawing Schedule and Locality Plan
J-WD-C-1.11	7	Specification Notes – Sheet 1
J-WD-C-1.12	6	Specification Notes – Sheet 2
J-WD-C-2.01	10	Concept Sediment and Erosion Control Plan
J-WD-C-2.11	9	Sediment and Erosion Control Details
J-WD-C-2.21	12	Bulk Earthworks Plan
J-WD-C-3.01	13	Siteworks & Stormwater Management Plan - Sheet 1
J-WD-C-3.11	5	Stormwater Longitudinal Section
J-WD-C-3.21	4	Kerb Alignment Control Plan – Sheet 1
J-WD-C-3.22	4	Kerb Alignment Control Plan – Sheet 2
J-WD-C-4.01	10	OSD Details – Sheet 1
J-WD-C-4.02	10	OSD Details – Sheet 2
J-WD-C-5.01	7	Typical Details – Sheet 1
J-WD-C-5.02	8	Typical Details – Sheet 2

Schedule 2 Documents relied Upon

No	Description
1	Crown Certificate Application Form dated 10/08/2021
2	Letter from Taylor Construction dated 16 August 2021 describing the Scope of Works for CC1
3	DA Condition A1 - Letter from Taylor Construction dated 20 August 2021 acknowledging DA Conditions
4	DA Condition A12 - Long Service Corporation Levy Payment Receipt dated 28/05/2021.



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5	DA Condition A14 - email from NSW Government, Planning Industry & Environment dated 05/08/2021 regarding approval of Staging of Strategies, Plans and Programs
6	DA Condition B4- Dilapidation Report from SDS Engineering dated 9 August, 2021.
7	DA Condition B5 - Dilapidation Report from SDS Engineering dated 6 August, 2021.
8	DA Condition B6 – Demolition Work Plan from PF Civil dated 18 th August 2021
9	DA Condition B8 – Structural Design Certificate from Northrop dated 20 August, 2021.
10	DA Condition B14 - Tree Plan of Management from Aura Tree Services dated 11 August, 2021.
11	DA Condition B22 – Email regarding S.73 Certificate of Compliance from Adam Vassallo from Taylor Construction Group dated 9 August, 2021.
12	DA Conditions B25 – Civil Design Certificate from Northrop Consulting Engineers Pty Ltd dated 4 th August 2021 and email from Hills shire Council RE: Stormwater Management & Water Quality dated 16 August 2021
13	DA Conditions B26 & B30 – Design Compliance Certificate from Northrop Consulting Engineers Pty Ltd dated 17 th August, 2021.
14	DA Condition B27 - Construction Environmental Management Plan from HIBBS dated 9 August, 2021
15	DA Condition B28 – Construction Traffic and Pedestrian Management Sub-Plan Issue C from TTPA dated July 2021.
16	DA Condition B28 – email from TTPA dated 11 August 2021 RE: Construction Traffic and Pedestrian Management Sub-Plan Issue C
17	DA Condition B29 – Construction Noise & Vibration Management Plan by Northrop dated 27/07/2021.
18	DA Condition B31- Site Waste Management Plan from Taylor Construction Group dated July 2021.
19	DA Condition B32 - Construction Worker Transportation Strategy from Taylor Construction Group dated July 2021.
20	DA Conditions B33 & B34 - letter from Taylor Constructions dated 16 August 2021
21	DA Condition B35 – DPI& E Approval of the TAFE Informal Car parking Plan dated 17 August 2021
22	DA Condition B1 – Notice of Commencement of Work dated 20/08/2021
23	Landscape Design Certificate from Aspect Studios dated 18 August 2021
24	Architects Statement from Lahznimmo Architects dated 18 August 2021
25	Record of Pre-commencement Inspection by CCS dated 24 August 2021

Schedule 3 Fire Safety Schedule

N/A

Will be issued with CC2