



29 June 2022

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 2 No: 2021-0039/CC2**

Please find enclosed our Crown Design Certificate No 2 for Stage 2 of the above project which includes the following scope of works for Building J:-

- Construction of concrete stairs,
- Structural steel excluding any required fire rating,
- Structural steel blade wall and columns for future steel stair 5 & 6 (This does not include the stair flight, landings and treads or risers,
- Insulation and sarking as per Section J report

The remainder of the building works will be the subject of a subsequent Crown Certificates No 3 & 4.

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](mailto: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. Details of Development Consent

**Development Consent**

State Significant Development No SSD-10472

Section 4.55 (1A) Modification No SSD-10472 – MOD1

Section 4.55 (1A) Modification No SSD-10472 – MOD2

**Date**

23 April 2021

17 September 2021

10 May 2022

**Consent Authority**

Minister for Planning and Public Spaces



## 5. Description Of The Subject Work

Stage 2 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:-

- Construction of concrete stairs,
- Structural steel excluding any required fire rating,
- Structural steel blade wall and columns for future steel stair 5 & 6 (This does not include the stair flight, landings and treads or risers,
- Insulation and sarking as per Section J report

## 6. NCC Classification

Classes 5, 7b, 8, & 9b

## 7. 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-CC2

**Date of this Certificate:** 29 June 2022

## 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	Date	Title
J-WD-A1000	A	11/03/2022	CC2 Cover Page
J-WD-A1100	A	11/03/2022	Site Plan
J-WD-A1300	A	11/03/2022	Lower Ground Floor Concrete Profile Plan 01 of 02
J-WD-A1301	B	02/05/2022	Lower Ground Floor Concrete Profile Plan 02 of 02
J-WD-A1302	C	13/05/2022	Ground Floor Concrete Profile Plan 01 of 02
J-WD-A1303	A	11/03/2022	Ground Floor Concrete Profile Plan 02 of 02
J-WD-A1304	A	11/03/2022	Level 01 Concrete Profile Plan 01 of 02
J-WD-A1305	B	02/05/2022	Level 01 Concrete Profile Plan 02 of 02
J-WD-A1306	A	11/03/2022	Level 02 Concrete Profile Plan
J-WD-A1307	A	11/03/2022	Concrete Footing Plan 01 of 02
J-WD-A1308	A	11/03/2022	Concrete Footing Plan 02 of 02
J-WD-A1400	A	11/03/2022	Lower Ground Floor Plan 01 of 02
J-WD-A1401	A	11/03/2022	Lower Ground Floor Plan 02 of 02
J-WD-A1402	B	02/05/2022	Ground Floor Plan 01 of 02
J-WD-A1403	A	11/03/2022	Ground Floor Plan 02 of 02
J-WD-A1404	C	13/05/2022	Level 01 Floor Plan 01 of 02
J-WD-A1405	A	11/03/2022	Level 01 Floor Plan 02 of 02
J-WD-A1406	A	11/03/2022	Level 02/Lower Roof Plan 01 of 2
J-WD-A1407	A	11/03/2022	Lower Roof plan 02 of 02
J-WD-A1408	A	11/03/2022	Roof Plan
J-WD-A2002	A	11/03/2022	Elevations
J-WD-A3000	A	11/03/2022	Sections 01
J-WD-A3001	A	11/03/2022	Sections 02
J-WD-A3002	A	11/03/2022	Sections 03
J-WD-A3100	A	11/03/2022	Concrete Details & Elevations 01
J-WD-A3101	A	11/03/2022	Concrete Details & Elevations 02
J-WD-A3102	B	02/05/2022	Concrete Details & Elevations 03
J-WD-A3103	A	11/03/2022	Concrete Details & Elevations 03
J-WD-A3500	A	11/03/2022	Precast Concrete Location Plan
J-WD-A3501	A	11/03/2022	Precast Concrete 01 PC 1 Panels
J-WD-A3502	A	11/03/2022	Precast Concrete 02 PC 1 Panels
J-WD-A3503	A	11/03/2022	Precast Concrete 03 PC 2 Panels
J-WD-A3504	A	11/03/2022	Precast Concrete 04 PC 2 panels
J-WD-A3505	A	11/03/2022	Precast Concrete 05 PC 2 Panels
J-WD-A3506	A	11/03/2022	Precast Concrete Internal Elevations 01
J-WD-A3507	A	11/03/2022	Precast Concrete Internal Elevations 02
J-WD-A3508	A	11/03/2022	Precast Concrete Internal Elevations
J-WD-A4002	B	02/05/2022	Façade Sections
J-WD-A4500	A	11/03/2022	Stair Details Stair 01 + 02
J-WD-A4501	A	11/03/2022	Stair Details Stair 03 + 04
J-WD-A4502	B	02/05/2022	Stair Details Stair 05
J-WD-A4503	B	02/05/2022	Stair Details Stair 06



## Structural Plans Prepared by Northrop Consulting Engineers dated 03 March 2022

Drawing Number	Revision	Title
J-WD-S-00	J	Coversheet & Drawing List
J-WD-S-01	H	Specification Notes Sheet 1
J-WD-S-02	J	Specification Notes Sheet 2
J-WD-S-03	H	Specification Notes Sheet 3
J-WD-S-04	D	Specification Notes Sheet 4
J-WD-S-05	S	Legends & Schedules Sheet
J-WD-S-20	M	Lower Ground Floor Plan 1/2
J-WD-S-21	M	Lower Ground Floor Plan 2/2
J-WD-S-25	G	Lower Ground Floor Detail Sheet 1
J-WD-S-30	M	Ground Floor Plan 1/2
J-WD-S-31	J	Ground Floor Plan 2/2
J-WD-S-35	A	Ground Floor Sections and Details Sheet 1
J-WD-S-40	M	Level 1 Floor Plan 1/2
J-WD-S-41	M	Level 1 Floor Plan 2/2
J-WD-S-45	G	Level 1 Details Sheet 1
J-WD-S-50	H	Concrete Columns Sections & Details
J-WD-S-51	G	Wall Sections & Details
J-WD-S-52	K	Precast wall Sections & Details
J-WD-S-53	J	Concrete Stair Sections & Details
J-WD-S-57	D	Blockwall Details Sheet 1
J-WD-S-60	P	Level 2 Floor Plan 1/2
J-WD-S-61	N	Level 2 Floor Plan 2/2
J-WD-S-63	G	Collections Ceiling - Part Plan
J-WD-S-70	H	Roof Plan
J-WD-S-80	M	Precast Wall Elevations – Sheet 1
J-WD-S90	G	Framing Sections & Details – Sheet 1
J-WD-S91	G	Framing Sections & Details – Sheet 2
J-WD-S92	G	Framing Sections & Details – Sheet 3
J-WD-S93	C	Framing Sections & Details – Sheet 4
J-WD-S94	C	Framing Sections & Details – Sheet 5
J-WD-S98	B	Stud Wall Elevation and Details – Sheet 1
J-WD-S100	N	Steel Stair Plans and Details – Sheet 1
J-WD-S101	L	Steel Stair Plans and Details – Sheet 2
J-WD-S110	H	Eastern Fin Framing Plan and Details
J-WD-S111	H	Southern Fin Framing Plan and Details
J-WD-S112	J	Western Fin Framing Plan and Details

## Schedule 2 Documents relied Upon

No	Description
1	Crown Certificate CC1 issued by Consult Code Solutions dated 24/08/2021
2	Letter from Taylor Construction dated 17 June 2022 describing the Scope of Works for CC2
3	Architects Design Certificate from Lahznimmo Architects dated 09 June 2022
4	Structural Design Certificate from Northrop dated 06 June 2022.
5	NCC Section J Report by Northrop - Revision F dated 17 June 2022



6	Letter from Taylor Construction regarding Sarking confirmation dated 17 June 2022
7	Branz Appraisal No 822(2020) of Solitex Extasana Sarking dated 09 November 2020
8	Record of Pre-commencement Inspection by CCS dated 13 May 2022

## Schedule 3 Fire Safety Schedule

N/A

Will be issued with CC3