

# Building Certificate for Crown Building Work

PROJECT NAME: Sydney Opera House – Concert Hall Upgrade  
DATE: 27 March 2020

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# Building Certificate for Crown Building Work

Pursuant to the provisions of Section 6.28 (formerly Section 109R) of the Environmental Planning and Assessment Act 1979, Group DLA hereby certify that the relevant portion of proposed building works have been designed in accordance with the technical provisions of the State's building laws and in particular, the Building Code of Australia 2016. This certification is issued in reliance upon the information listed in the Schedule attached and is subject to the conditions as listed.

**Certificate No:** 150372.CH.2

**DA No:** SSD 8663 dated 12<sup>th</sup> December 2019

**Certificate Issued to:** Ian Cashen - Sydney Opera House Trust

**Building Name:** Sydney Opera House – Concert Hall

**Address:** 2 Circular Quay East, Bennelong Point, Sydney. Lot 4 DP 787933 and Lot 5 DP 775888

**Classification:** 9b entertainment venue

**Development:** Upgrade to the Concert Hall and new Creative Learning Centre at the Sydney Opera House – **This Crown Building Work Certificate 190372.CH.2 is limited to:**

- Upgrade to the Concert Hall – Close out of Conditions noted in 190372.CH.1 dated 21 February 2020, and architectural plans changes.

## Building Surveyor

**Signature:** 

**Name:** Shane Berry BPB0721

**Date:** 27 March 2020

## Reviewer / Director

**Signature:** 

**Name:** Brett Clabburn BPB0064

**Date:** 27 March 2020

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**Documentation Assessed**

The following architectural drawings prepared by ARM Architects form part of this assessment;

Drawing No	Title	Prepared by	Revision	Date
49-BR-ARM01-A0000	Cover Sheet & Architectural Drawing Schedule	ARM	2	09/08/2019
49-BR-ARM01-A0100	Location Plan	ARM	2	09/08/2019
49-BR-ARM01-A0301	Internal Materials & Finishes Legend	ARM	3	18/11/2019
49-BR-ARM01-A0302	External Materials & Finishes Schedule	ARM	1	09/08/2019
49-BR-ARM01-A0305	Demolition Schedule	ARM	1	09/08/2019
49-BR-ARM01-A0310	Door Schedule	ARM	4	14/11/2019
49-BR-ARM01-A0311	Door Hardware Legend	ARM	1	09/08/2019
49-BR-ARM01-A0320	Signage Schedule	ARM	2	09/08/2019
49-BR-ARM01-A0340	Sanitary Fixtures & Fittings Schedule	ARM	2	31/01/2020
49-BR-ARM01-A0410	Wall Types Schedule	ARM	4	31/01/2020
49-BR-ARM01-A0411	Floor Types Schedule	ARM	4	31/01/2020
49-BR-ARM01-A0412	Ceiling Types Schedule	ARM	3	16/12/2019
49-BR-ARM01-A0503	Existing Conditions Floor Plan - Ground Level +12	ARM	3	31/01/2020
49-BR-ARM01-A0504	Existing Conditions Floor Plan - Ground Mezzanine Level +21	ARM	5	31/01/2020
49-BR-ARM01-A0505	Existing Conditions Floor Plan - Level 1 +30	ARM	3	31/01/2020
49-BR-ARM01-A0506	Existing Conditions Floor Plan - Level 2 +42	ARM	3	31/01/2020
49-BR-ARM01-A0507	Existing Conditions Floor Plan - Level 3 +51	ARM	3	31/01/2020
49-BR-ARM01-A0508	Existing Conditions Floor Plan - Level 4 +61	ARM	3	31/01/2020
49-BR-ARM01-A0509	Existing Conditions Floor Plan - Level 5 +70	ARM	3	31/01/2020
49-BR-ARM01-A0510	Existing Conditions Floor Plan - Level 6 +85	ARM	3	31/01/2020
49-BR-ARM01-A0511	Existing Conditions Floor Plan - Level 7 +100	ARM	3	31/01/2020
49-BR-ARM01-A0512	Existing Conditions Floor Plan - Level 7a	ARM	3	31/01/2020
49-BR-ARM01-A0513	Existing Conditions Floor Plan - Level 8 +115	ARM	3	31/01/2020
49-BR-ARM01-A0514	Existing Conditions Floor Plan - Level 9 +130	ARM	3	31/01/2020
49-BR-ARM01-A0515	Existing Conditions Floor Plan - Level 10 +140	ARM	3	31/01/2020
49-BR-ARM01-A0551	Existing Conditions Elevations - East	ARM	2	09/08/2019
49-BR-ARM01-A0703	Demolition Plan - Ground Level +12	ARM	3	31/01/2020
49-BR-ARM01-A0704	Demolition Plan - Ground Mezzanine Level +21	ARM	6	23/01/2020
49-BR-ARM01-A0705	Demolition Plan - Level 1 +30	ARM	7	31/01/2020
49-BR-ARM01-A0706	Demolition Plan - Level 2 +42	ARM	7	31/01/2020
49-BR-ARM01-A0707	Demolition Plan - Level 3 +51	ARM	5	31/01/2020

Drawing No	Title	Prepared by	Revision	Date
49-BR-ARM01-A0708	Demolition Plan - Level 4 +61	ARM	6	31/01/2020
49-BR-ARM01-A0709	Demolition Plan - Level 5 +70	ARM	3	31/01/2020
49-BR-ARM01-A0710	Demolition Plan - Level 6 +85	ARM	3	31/01/2020
49-BR-ARM01-A0711	Demolition Plan - Level 7 +100	ARM	3	31/01/2020
49-BR-ARM01-A0712	Demolition Plan - Level 7a	ARM	3	31/01/2020
49-BR-ARM01-A0713	Demolition Plan - Level 8 +115	ARM	3	31/01/2020
49-BR-ARM01-A0714	Demolition Plan - Level 9 +130	ARM	3	31/01/2020
49-BR-ARM01-A0715	Demolition Plan - Level 10 +140	ARM	3	31/01/2020
49-BR-ARM01-A0724	Demolition Reflected Ceiling Plan Ground Mezzanine +21	ARM	3	23/01/2020
49-BR-ARM01-A0725	Demolition Reflected Ceiling Plan Level 1 +30	ARM	7	31/01/2020
49-BR-ARM01-A0726	Demolition Reflected Ceiling Plan Level 2 +42	ARM	4	31/01/2020
49-BR-ARM01-A0727	Demolition Reflected Ceiling Plan Level 3 +51	ARM	3	31/01/2020
49-BR-ARM01-A0729	Demolition Reflected Ceiling Plan - Level 5 +70	ARM	3	31/01/2020
49-BR-ARM01-A0730	Demolition Reflected Ceiling Plan - Level 6 +85	ARM	3	31/01/2020
49-BR-ARM01-A0731	Demolition Reflected Ceiling Plan - Level 7 +100	ARM	3	31/01/2020
49-BR-ARM01-A0800	Demolition Section A	ARM	5	14/11/2019
49-BR-ARM01-A0801	Demolition Section B	ARM	4	14/11/2019
49-BR-ARM01-A0802	Demolition Section C	ARM	5	14/11/2019
49-BR-ARM01-A0900	Detail Demolition Superstructure Plans - Lift 30	ARM	2	09/08/2019
49-BR-ARM01-A0903	Detail Demolition Finishes Plans - Lift 30	ARM	4	14/11/2019
49-BR-ARM01-A0905	Detail Demolition Plans & Sections - East Passageway	ARM	3	14/11/2019
49-BR-ARM01-A0910	Detail Demolition Plan - Ante Room, Prompt & Opposite Prompt - Level 2 +42	ARM	7	20/03/2020
49-BR-ARM01-A0911	Detail Demolition Section - Ante Room	ARM	4	14/11/2019
49-BR-ARM01-A0915	Detail Demolition Plan - Auditorium Stage - Level 2 +42	ARM	2	09/08/2019
49-BR-ARM01-A0921	Detail Demolition Plans - Accessible Theatre Entries - Level 2 +42	ARM	3	14/11/2019
49-BR-ARM01-A0931	Detail Demolition Plan - Stalls Seating - Level 3	ARM	2	05/02/2020
49-BR-ARM01-A0940	Detail Demolition Elevations - FCU Timber Panels	ARM	2	09/08/2019
49-BR-ARM01-A0950	Detail Demolition Elevation 1 - East Canon Port Gallery	ARM	3	13/09/2019
49-BR-ARM01-A0951	Demolition Section Details 2	ARM	3	13/09/2019
49-BR-ARM01-A0960	Detail Demolition RCP - Concert Hall Ceiling 1	ARM	4	14/11/2019
49-BR-ARM01-A0961	Detail Demolition RCP - Concert Hall Ceiling 2	ARM	4	14/11/2019
49-BR-ARM01-A0970	Detail Demolition - West Canon Port Gallery - Axonometry	ARM	2	09/08/2019

Drawing No	Title	Prepared by	Revision	Date
49-BR-ARM01-A0971	Detail Demolition - West Canon Port Gallery - Axonometry With All Disciplines	ARM	2	09/08/2019
49-BR-ARM01-A0972	Detail Demolition - West Canon Port Gallery - Detail AXO 1	ARM	2	09/08/2019
49-BR-ARM01-A0973	Detail Demolition - West Canon Port Gallery - Detail AXO 2	ARM	2	09/08/2019
49-BR-ARM01-A0974	Detail Demolition - East Canon Port Gallery - Axonometry	ARM	2	09/08/2019
49-BR-ARM01-A0975	Detail Demolition - East Canon Port Gallery - Axonometry With All Disciplines	ARM	2	09/08/2019
49-BR-ARM01-A0976	Detail Demolition - East Canon Port Gallery - Detail AXO 1	ARM	2	09/08/2019
49-BR-ARM01-A0977	Detail Demolition - East Canon Port Gallery - Detail AXO 2	ARM	2	09/08/2019
49-BR-ARM01-A1203	General Arrangement - Floor Plan - Ground Level +12	ARM	3	31/01/2020
49-BR-ARM01-A1204	General Arrangement - Floor Plan - Ground Mezzanine +21	ARM	5	23/01/2020
49-BR-ARM01-A1205	General Arrangement - Floor Plan - Level 1 +30	ARM	6	31/01/2020
49-BR-ARM01-A1206	General Arrangement - Floor Plan - Level 2 +42	ARM	7	31/01/2020
49-BR-ARM01-A1207	General Arrangement - Floor Plan - Level 3 +51	ARM	3	31/01/2020
49-BR-ARM01-A1208	General Arrangement - Floor Plan - Level 4 +61	ARM	5	18/03/2020
49-BR-ARM01-A1209	General Arrangement - Floor Plan - Level 5 +70	ARM	3	31/01/2020
49-BR-ARM01-A1210	General Arrangement - Floor Plan - Level 6 +85	ARM	3	31/01/2020
49-BR-ARM01-A1211	General Arrangement - Floor Plan - Level 7 +100	ARM	3	31/01/2020
49-BR-ARM01-A1212	General Arrangement - Floor Plan - Level 7a	ARM	3	31/01/2020
49-BR-ARM01-A1213	General Arrangement - Floor Plan - Level 8 +115	ARM	3	06/02/2020
49-BR-ARM01-A1214	General Arrangement - Floor Plan - Level 9 +130	ARM	3	06/02/2020
49-BR-ARM01-A1215	General Arrangement - Floor Plan - Level 10 +140	ARM	4	06/02/2020
49-BR-ARM01-A1305	Concrete Setout Plan - Level 1 +30	ARM	3	31/01/2020
49-BR-ARM01-A1306	Concrete Setout Plan - Level 2 +42	ARM	7	31/01/2020
49-BR-ARM01-A1307	Concrete Setout Plan - Level 3 +51	ARM	5	31/01/2020
49-BR-ARM01-A1308	Concrete Setout Plan - Level 4 +61	ARM	5	31/01/2020
49-BR-ARM01-A1350	Detail Concrete Setout Plans - Lift 30	ARM	3	31/01/2020
49-BR-ARM01-A1355	Detail Concrete Setout Plans - East Passageway	ARM	3	09/12/2019
49-BR-ARM01-A1360	Detail Concrete Setout Plans - Level 3 Amenities	ARM	1	31/01/2020
49-BR-ARM01-A1503	Reflected Ceiling Plan - Ground Level +12	ARM	3	31/01/2020
49-BR-ARM01-A1504	Reflected Ceiling Plan - Ground Mezzanine Level +21	ARM	3	23/01/2020
49-BR-ARM01-A1505	Reflected Ceiling Plan - Level 1 +30	ARM	5	31/01/2020
49-BR-ARM01-A1506	Reflected Ceiling Plan - Level 2 +42	ARM	4	31/01/2020

Drawing No	Title	Prepared by	Revision	Date
49-BR-ARM01-A1507	Reflected Ceiling Plan - Level 3 +51	ARM	3	31/01/2020
49-BR-ARM01-A1509	Reflected Ceiling Plan - Level 5 +70	ARM	3	31/01/2020
49-BR-ARM01-A1510	Reflected Ceiling Plan - Level 6 +85	ARM	3	31/01/2020
49-BR-ARM01-A1511	Reflected Ceiling Plan - Level 7 +100	ARM	3	31/01/2020
49-BR-ARM01-A1513	Reflected Ceiling Plan - Level 8 +115	ARM	3	06/02/2020
49-BR-ARM01-A1514	Reflected Ceiling Plan - Level 9 +130	ARM	3	06/02/2020
49-BR-ARM01-A1600	Signage Plan -Ground Mezzanine +21	ARM	2	09/08/2019
49-BR-ARM01-A1601	Signage Plan - Level 1 +30	ARM	2	09/08/2019
49-BR-ARM01-A1602	Signage Plan - Level 2 +42	ARM	2	09/08/2019
49-BR-ARM01-A1603	Signage Plan - Level 3 +51	ARM	2	09/08/2019
49-BR-ARM01-A1604	Signage Plan - Level 4 +61	ARM	2	09/08/2019
49-BR-ARM01-A1608	Signage Plan - Level 8 +115	ARM	2	09/08/2019
49-BR-ARM01-A1609	Signage Plan - Level 9 +140	ARM	2	09/08/2019
49-BR-ARM01-A1703	Fire Compartment & Egress - Ground Level +12	ARM	1	12/02/2020
49-BR-ARM01-A1704	Fire Compartment & Egress - Ground Mezzanine +21	ARM	1	12/02/2020
49-BR-ARM01-A1705	Fire Compartment & Egress - Level 1 +30	ARM	1	12/02/2020
49-BR-ARM01-A1706	Fire Compartment & Egress - Level 2 +42	ARM	1	12/02/2020
49-BR-ARM01-A1707	Fire Compartment & Egress - Level 3 +51	ARM	1	12/02/2020
49-BR-ARM01-A1708	Fire Compartment & Egress - Level 4 +61	ARM	1	12/02/2020
49-BR-ARM01-A1709	Fire Compartment & Egress - Level 5 +70	ARM	1	12/02/2020
49-BR-ARM01-A1710	Fire Compartment & Egress - Level 6 +85	ARM	1	12/02/2020
49-BR-ARM01-A1711	Fire Compartment & Egress - Level 7 +100	ARM	1	12/02/2020
49-BR-ARM01-A1712	Fire Compartment & Egress - Level 7a	ARM	1	12/02/2020
49-BR-ARM01-A1713	Fire Compartment & Egress - Level 8 +115	ARM	1	12/02/2020
49-BR-ARM01-A1714	Fire Compartment & Egress - Level 9 +130	ARM	1	12/02/2020
49-BR-ARM01-A1715	Fire Compartment & Egress - Level 10 +140	ARM	1	12/02/2020
49-BR-ARM01-A2102	Elevation - East	ARM	2	09/08/2019
49-BR-ARM01-A3000	Section A	ARM	4	06/02/2020
49-BR-ARM01-A3001	Section B	ARM	3	06/02/2020
49-BR-ARM01-A3002	Section C	ARM	2	09/08/2019
49-BR-ARM01-A3150	Sections - Stage	ARM	4	14/11/2019
49-BR-ARM01-A3151	Detail Section - Stage Portal Frame	ARM	4	14/11/2019
49-BR-ARM01-A5010	Detail Areas - Stairs - Level 1	ARM	5	16/12/2019

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49-BR-ARM01-A5020	Detail Area - Stairs - Level 2	ARM	6	06/02/2020
49-BR-ARM01-A5030	Detail Area - Stairs - Level 3	ARM	2	09/08/2019
49-BR-ARM01-A5120	Detail Plans 1 - Lift 30	ARM	7	31/01/2020
49-BR-ARM01-A5121	Detail Plans 2 - Lift 30	ARM	5	31/01/2020
49-BR-ARM01-A5122	Detail RCPs - Lift 30	ARM	4	14/11/2019
49-BR-ARM01-A5123	Detail Elevations 1 - Lift 30	ARM	4	14/11/2019
49-BR-ARM01-A5124	Detail Elevation 2 - Lift 30	ARM	4	14/11/2019
49-BR-ARM01-A5126	Detail Area - Sections - Lift 30	ARM	6	31/01/2020
49-BR-ARM01-A5220	Detail Area - Amenities - Level 2	ARM	6	20/03/2020
49-BR-ARM01-A5230	Detail Area - Male Access L3-01 & Female Access L3-02 - Level 3 +51	ARM	5	31/01/2020
49-BR-ARM01-A5300	Detail Area - Rehearsal Room 1, 2 & Store - Ground Mezzanine Level +21	ARM	5	23/01/2020
49-BR-ARM01-A5310	Detail Plan - Orchestra Assembly Room L1-Oa-01 - Level 1 +30	ARM	4	14/11/2019
49-BR-ARM01-A5311	Detail RCP - Orchestra Assembly Room L1-29 - Level 1 +30	ARM	4	14/11/2019
49-BR-ARM01-A5312	Interior Elevations 1 - Orchestra Assembly Room L1-29 - Level 1 +30	ARM	3	14/11/2019
49-BR-ARM01-A5313	Interior Elevations 2 - Orchestra Assembly Room L1-29 - Level 1 +30	ARM	4	14/11/2019
49-BR-ARM01-A5315	Detail RCP - Office & Stores - Level 1 +30	ARM	2	14/11/2019
49-BR-ARM01-A5320	Detail Area - Auditorium Stage - Level 2 +42	ARM	3	14/11/2019
49-BR-ARM01-A5321	Detail Plan - Ante Room, Prompt & Opposite Prompt - Level 2 +42	ARM	5	16/12/2019
49-BR-ARM01-A5322	Detail RCP - Ante Room, Prompt & Opposite Prompt - Level 2 +42	ARM	5	16/12/2019
49-BR-ARM01-A5323	Interior Elevations - Ante Room, Prompt & Opposite Prompt - Level 2 +42	ARM	6	16/12/2019
49-BR-ARM01-A5324	Detail Section - Ante Room - Level 2	ARM	5	16/12/2019
49-BR-ARM01-A5325	Detail Plans - East Passageway - Level 2 +42	ARM	6	09/12/2019
49-BR-ARM01-A5326	Interior Elevations - East Passageway - Level 2 +42	ARM	4	09/12/2019
49-BR-ARM01-A5327	Detail Sections - East Passageway - Level 2 +42	ARM	4	09/12/2019
49-BR-ARM01-A5328	Detail Area - Stalls Seating - Level 2 +42	ARM	3	31/01/2020
49-BR-ARM01-A5329	Detail Plan - Accessible Theatre Entries - Level 2 +42	ARM	4	14/11/2019
49-BR-ARM01-A5330	Interior Elevations - Accessible Theatre Entries - Level 2 +42	ARM	2	09/08/2019
49-BR-ARM01-A5331	Detail Area - Timber Acoustic Diffusion Panels - Box Fronts	ARM	2	09/08/2019
49-BR-ARM01-A5332	Detail Area - Timber Acoustic Diffusion Panels - Western Ch Peripheral Walls	ARM	2	09/08/2019

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49-BR-ARM01-A5333	Detail Area - Timber Acoustic Diffusion Panels - Eastern Ch Peripheral Walls	ARM	2	09/08/2019
49-BR-ARM01-A5334	Detail Plans - Acoustic Diffusion & Absorption - Stage Surround, Upper & Lower Circles	ARM	2	09/08/2019
49-BR-ARM01-A5335	Detail Elevations - Acoustic Diffusion & Absorption - Stage Surround, Upper & Lower Circles	ARM	3	16/12/2019
49-BR-ARM01-A5336	Detail Area - Accessible Theatre Entries - Timber Panelling	ARM	2	09/08/2019
49-BR-ARM01-A5337	Detail Area - Accessible Theatre Entries - Timber Panelling	ARM	2	09/08/2019
49-BR-ARM01-A5340	Detail Area - Upper Circle and Choir Stalls Seating	ARM	4	18/03/2020
49-BR-ARM01-A5341	Detail Area - Circle Box Seating - Level 4	ARM	3	31/01/2020
49-BR-ARM01-A5343	Detail Elevations - FCU Timber Panels	ARM	2	09/08/2019
49-BR-ARM01-A5350	Detail Elevations - East Canon Port Gallery - Level 5 & 6	ARM	2	09/08/2019
49-BR-ARM01-A5351	Detail Elevations - West Canon Port Gallery - Level 5 & 6	ARM	2	09/08/2019
49-BR-ARM01-A5352	Detail Area - West Canon Port Gallery - Axonometric	ARM	2	09/08/2019
49-BR-ARM01-A5353	Detail Area - West Canon Port Gallery - Axonometric with All Disciplines	ARM	2	09/08/2019
49-BR-ARM01-A5354	Detail Area - West Canon Port Gallery - Detail AXO 1	ARM	2	09/08/2019
49-BR-ARM01-A5355	Detail Area - West Canon Port Gallery - Detail AXO 2	ARM	2	09/08/2019
49-BR-ARM01-A5356	Detail Area - East Canon Port Gallery - Axonometric	ARM	2	09/08/2019
49-BR-ARM01-A5357	Detail Area - East Canon Port Gallery - Axonometric with All Disciplines	ARM	2	09/08/2019
49-BR-ARM01-A5358	Detail Area - East Canon Port Gallery - Detail AXO 1	ARM	2	09/08/2019
49-BR-ARM01-A5359	Detail Area - East Canon Port Gallery - Detail AXO 2	ARM	2	09/08/2019
49-BR-ARM01-A5360	Detail Area - Acoustic Reflectors - Set Out - Level 6	ARM	2	09/08/2019
49-BR-ARM01-A5361	Details - Acoustic Reflectors - Level 6	ARM	2	09/08/2019
49-BR-ARM01-A5370	Detail Area - Acoustic Drapes - Typical Layout - Crown	ARM	3	20/11/2019
49-BR-ARM01-A5371	Detail Area - Acoustic Drapes - Typical Layout	ARM	2	09/08/2019
49-BR-ARM01-A5372	Detail RCP - Concert Hall 1	ARM	4	14/11/2019
49-BR-ARM01-A5373	Detail RCP - Concert Hall 2	ARM	4	14/11/2019
49-BR-ARM01-A5374	Detail Plan - Tech Zone	ARM	2	09/08/2019
49-BR-ARM01-A5375	Detail RCP - Concert Hall 3	ARM	2	09/08/2019
49-BR-ARM01-A5376	Detail RCP - Tech Zone	ARM	2	09/08/2019
49-BR-ARM01-A5377	Detail Area - Tech Zone - East & West Access Doors	ARM	2	09/08/2019
49-BR-ARM01-A5378	Detail RCP - Concert Hall - Crown	ARM	2	09/08/2019
49-BR-ARM01-A5380	Detail Area - Portal Frame - Level 4.	ARM	2	09/08/2019



Drawing No	Title	Prepared by	Revision	Date
49-BR-ARM01-A5385	Detail Area - East Passageway - Panel Setout	ARM	1	09/12/2019
49-BR-ARM01-A5386	Detail Area - East Passageway - Panel Setout	ARM	1	09/12/2019
49-BR-ARM01-A5511	Detail Area - Rack Room L1-Rr-01 - Level 1	ARM	4	06/02/2020
49-BR-ARM01-A5513	Detail Area - Locker Room L1-Lr-01 - Level 1 +30	ARM	4	14/11/2019
49-BR-ARM01-A5530	Detail Area - West Rack Room L3-06 & East Rack Room L3-05 - Level 3 +51	ARM	3	14/11/2019
49-BR-ARM01-A5560	Detail Area - Concert Hall Above Ceiling Fire Egress	ARM	3	13/09/2019
49-BR-ARM01-A5600	Detail Area - Balustrades and Handrails 1 - Northern Foyer	ARM	2	09/08/2019
49-BR-ARM01-A5601	Detail Area - Balustrades and Handrails 2 - Northern Foyer	ARM	2	09/08/2019
49-BR-ARM01-A5602	Detail Area - Balustrades and Handrails 3 - Eastern Foyer	ARM	3	13/09/2019
49-BR-ARM01-A5603	Detail Area - Balustrades and Handrails 4 - Western Foyer	ARM	2	09/08/2019
49-BR-ARM01-A5604	Detail Area - Balustrade and Handrails 5 - Concert Hall	ARM	2	09/08/2019
49-BR-ARM01-A6020	Construction Details - Lift - Plan Details 1	ARM	3	14/11/2019
49-BR-ARM01-A6021	Construction Details - Lift - Plan Details 2	ARM	3	14/11/2019
49-BR-ARM01-A6026	Construction Details - Lift - Section Details 1	ARM	3	14/11/2019
49-BR-ARM01-A6027	Construction Details - Lift - Section Details 2	ARM	2	09/08/2019
49-BR-ARM01-A6028	Construction Details - Lift - Section Details 3	ARM	2	09/08/2019
49-BR-ARM01-A6031	Construction Details - Lift - Facade Details 1	ARM	2	09/08/2019
49-BR-ARM01-A6032	Construction Details - Lift - Facade Details 2	ARM	2	09/08/2019
49-BR-ARM01-A6033	Construction Details - Lift - Facade Details 3	ARM	2	09/08/2019
49-BR-ARM01-A6034	Construction Details - Lift - Facade Details 4	ARM	2	09/08/2019
49-BR-ARM01-A6035	Construction Details - Lift - Facade Details 5	ARM	2	09/08/2019
49-BR-ARM01-A6060	Construction Details - Rehearsal Room 1,2 & Store	ARM	3	14/11/2019
49-BR-ARM01-A6065	Construction Details - Orchestra Assembly Room	ARM	3	14/11/2019
49-BR-ARM01-A6070	Construction Details - Auditorium Stage	ARM	3	14/11/2019
49-BR-ARM01-A6071	Construction Details - Auditorium Stage - Acoustic Doors Type 1 - Plan Details	ARM	3	14/11/2019
49-BR-ARM01-A6072	Construction Details - Auditorium Stage - Acoustic Doors Type 2 - Plan Details	ARM	3	14/11/2019
49-BR-ARM01-A6073	Construction Details - Auditorium Stage - Acoustic Doors Type 1 & 2 - Section Details	ARM	3	14/11/2019
49-BR-ARM01-A6075	Construction Details - Ante Room, Prompt & Opposite Prompt - Plan Details - Sheet 1	ARM	4	31/01/2020
49-BR-ARM01-A6076	Construction Details - Ante Room, Prompt & Opposite Prompt - Plan Details - Sheet 2	ARM	4	31/01/2020
49-BR-ARM01-A6077	Construction Details - Ante Room, Prompt & Opposite Prompt - Section Details	ARM	5	31/01/2020

Drawing No	Title	Prepared by	Revision	Date
49-BR-ARM01-A6080	Construction Details - East Passageway - Details - Sheet 1	ARM	3	09/12/2019
49-BR-ARM01-A6081	Construction Details - East Passageway - Details - Sheet 2	ARM	3	09/12/2019
49-BR-ARM01-A6082	Construction Details - East Passageway - Construction Details - Sheet 1	ARM	4	12/02/2020
49-BR-ARM01-A6083	Construction Details - East Passageway - Construction Details - Sheet 2	ARM	4	12/02/2020
49-BR-ARM01-A6090	Construction Details - Accessible Theatre Entries - Sheet 1	ARM	4	14/11/2019
49-BR-ARM01-A6092	Construction Details - Concert Hall - Accessibility	ARM	3	31/01/2020
49-BR-ARM01-A6095	Construction Details - Diffusion - Box Fronts - Sheet 1	ARM	2	09/08/2019
49-BR-ARM01-A6096	Construction Details - Diffusion - Box Fronts - Sheet 2	ARM	2	09/08/2019
49-BR-ARM01-A6097	Construction Details - Diffusion - Concert Hall - Wall Details - Sheet 1	ARM	2	09/08/2019
49-BR-ARM01-A6098	Construction Details - Diffusion - Stage - Wall Details - Sheet 1	ARM	3	14/11/2019
49-BR-ARM01-A6099	Construction Details - Diffusion - Stage - Wall Details - Sheet 1	ARM	2	09/08/2019
49-BR-ARM01-A6180	Construction Details - Tech Zone	ARM	2	09/08/2019
49-BR-ARM01-A6190	Construction Details - Acoustic Skin	ARM	2	09/08/2019
49-BR-ARM01-A6200	Construction Details - Theatre Integration - Acoustic & Banner Drawers	ARM	2	09/08/2019
49-BR-ARM01-A6201	Construction Details - Theatre Integration - Cannon Ports	ARM	2	09/08/2019
49-BR-ARM01-A6202	Construction Details - Theatre Integration - Stage Traps, Cable Passes & Lifts	ARM	5	16/12/2019
49-BR-ARM01-A6203	Construction Details - Theatre Integration - Removable & Choir Stall Stairs	ARM	3	31/01/2020
49-BR-ARM01-A6204	Construction Details - Theatre Integration - Typ Ceiling Infill & Crown Details	ARM	2	09/08/2019
49-BR-ARM01-A6205	Construction Details - Theatre Integration - Side Wall Reflector Details - Sheet 1	ARM	3	30/09/2019
49-BR-ARM01-A6206	Construction Details - Theatre Integration - Side Wall Reflector Details - Sheet 2	ARM	3	30/09/2019
49-BR-ARM01-A6207	Theatre Integration - Cannon Ports	ARM	2	09/08/2019
49-BR-ARM01-A6500	Construction Details - Typical BOH Handrails	ARM	4	06/02/2020
49-BR-ARM01-A6600	Construction Details - Typical Door Plan Details	ARM	2	09/08/2019
49-BR-ARM01-A6601	Construction Details - Typical Door Section Details	ARM	2	09/08/2019
49-BR-ARM01-A6800	Signage Details - Sheet 1	ARM	2	09/08/2019
49-BR-ARM01-A6801	Signage Details - Sheet 2	ARM	4	14/11/2019
BRN-ARM-SPEC-AR-0001	Architectural Specification	ARM	1	09/08/2019

**Information Relied Upon in Certificate Determination**

- Fire Engineering Report Reference No. 243928-06, Revision E, issued by ARUP, dated 20/03/2020
- Performance Solution Report No. IAC-333 for Concert Hall, Revision B issued by iAccess Consultants, dated 27/02/2020
- Design Statement for Disabled Access & Egress (Concert Hall), issued by Richard Seidman, dated 27/02/2020
- Design Certificate for Mechanical Services issued by Christopher Arkins of Steensen Varming, dated 03/03/2020
- Design Certificate for Electrical and Lighting issued by Christopher Arkins of Steensen Varming, dated 03/03/2020
- Confirmation that the existing FRLs are compliant issued by Alistair Morrison of ARUP, dated 15/03/2020
- Confirmation of Compliance with the FRL requirements of the BCA issued by Andrew Hayne of ARM Architecture, dated 27/02/2020
- Design Certificate for Vertical Transportation (lift No. 30) issued by Ron Green of Norman, Disney & Young, dated 28/02/2020
- Final Decision Notice Approval issued by Louise Vickery of Department of Environment and Energy, dated 21/01/2020
- Mechanical Smoke Exhaust advice issued by Martin Craig of Steensen Varming, dated 15/01/2020
- Letter referencing Section 60 of the Heritage Act 1977, State Heritage Register No 01685 issued by Tim Smith of Department of Premier and Cabinet, dated 23/01/2020
- Independent Audit Program, Revision V1, issued by Wolf Peak, dated 06/01/2020
- Confirmation of compliance with various BCA Items issued by Leo Carson of ARM dated 26/03/2020 – aconex ARM-GCOR-000951

**Information Relied Upon in Certificate Determination 190372.CH.1 dated 21 February 2020**

- Application form for Crown Certificate issued by Ian Cashen of Sydney Opera House Trust, dated 03/02/2020
- Annual Fire Safety Statement issued by Ian Cashen of Sydney Opera House Trust, dated 06/11/2019
- Acoustic Plans issued by Tonkin Zulaikha Greer Architects
- Confirmation of BCA 2016 issued by Daniel Filetti of Sydney Opera House dated 05/09/2019
- Hazmat Register, Version 1.11, dated 20/11/2019
- Architectural Design Statement issued by Tony Allen of ARM Architecture, dated 13/02/2020
- Development Consent No. SSD 8663 issued by Rob Stokes of Department of Planning, Industry and Environment, dated 12/12/2019
- Letter of Confirmation of No request to apply for a Section 4.55 Modification of SSD 8663 issued by Ian Cashen of Sydney Opera House Trust, dated 05/02/2020
- Draft Pre-Construction Compliance Report dated Feb 2020
- Confirmation of Receipt of Audit Programme, issued by Department of Planning dated 06/01/2020
- Independent Environmental Audit Program, Version 02 issued by Wolf Peak, dated 08/02/2020
- Evidence of Submission of Section 60 Approval to the City of Sydney Council, issued by Peter Doyle of Sydney Opera House dated 29/01/2020
- Confirmation of receipt of Section 60 Approval issued by Department of Planning, Industry & Environment dated 04/02/2020
- Application under section 60 State Heritage Register No. 01685 issued by Tim Smith of Heritage Council of NSW, dated 23/01/2020
- Evidence of Submission of Notice of Engagement of Heritage Consultant to City of Sydney Council, issued by Peter Doyle of Sydney Opera House dated 08/01/2020

- Evidence of submission of Heritage Consultant Engagement to Planning Secretary issued by Peter Doyle of Sydney Opera House dated 13/01/2020
- Heritage Consultant Nomination Letter issued by Alan Croker of Design 5 Architects, dated 18/12/2019
- Hazardous Material Demolition Survey Reference No. S11128-R01-A1 issued by HIBBS, dated 15/01/2019
- Hazardous Material Management Plan No. S11149-HMMP V2 issued by HIBBS, dated 14/02/2020
- Hazmat – Unexpected Finds Document
- Evidence of Submission of Archival recording to Heritage Council issued by David Nix of Heritage NSW, dated 18/02/2020
- Confirmation of ESD (Ecologically Sustainable Development) Compliance issued by Kazi Hossain of Cundall, dated 23/01/2020
- Construction Environmental Management Plan No. S11164-CEMP-R01-A1 issued by HIBBS, dated 13/02/2020
- Construction Waste Management Plan No. S11164 -CWMP-R02-A01 issued by HIBBS, dated 12/02/2020
- Confirmation of Councils Endorsement of the CTMP issued by Amy Douglas of City of Sydney Council dated 21/01/2020
- Confirmation of endorsement of CPTMP by TfNSW (RMS) and Sydney Coordination Office, issued by Alex Karki of TfNSW dated 05/02/2020
- Construction Noise and Vibration Management Sub Plan No. S11163-R01-CNVMS-P-A1 issued by HIBBS, dated 12/02/2020
- Mechanical Plant Noise Mitigation issued by Nick Boulter of ARUP, dated 19/02/2020
- Demolition Plan Revision 02 issued by Nass Services, dated 03/02/2020
- Demolition Statement issued by Rob Mitchell of Nass Services
- Statement of Intention to Comply with Conditions of Development Consent SSD 8663 issued by Ian Cashen of Sydney Opera House Trust, dated 05/02/2020
- Construction Pedestrian & Traffic Management Plan, Issue 7 issued by Andrew Morse of PTC Consultants, dated 07/02/2020
- Long Service Levy Receipt of Payment No. 00409731, dated 20/12/2019
- Letter of Consistency issued by Alistair Morrison of ARUP, dated 20/02/2020
- Structural Design Certificate and associated structural drawings issued by Xavier Nuttall of ARUP, dated 7/05/2019
- Design Certificate for Mechanical Services and associated drawings issued by Christopher Arkins of Steensen Varming, dated 07/02/2020
- Design Certificate for Electrical & Lighting Services and associated drawings issued by Christopher Arkins of Steensen Varming, dated 07/02/2020
- Design Statement for Fire Services and associated drawings issued by David Bolt of Warren Smith & Partners Pty Ltd, dated 12/02/2020
- Design Certificate for Vertical Transportation (Lifts) and Lift Services Specification Report issued by Ron Green of Norman, Disney & Young, dated 18/02/2020
- Design Certificate for hydraulic Services and associated drawings issued by Campbell Hazelton of Warren Smith & Partners Pty Ltd, dated 07/02/2020
- Design Statement for Disabled Access & Egress issued by Richard Seidman of iAccess Consultants, dated 17/02/2020
- Access Report No. IAC-333, Revision H, issued by Richard Seidman of iAccess Consultants, dated 17/02/2020
- Performance Solution Report Reference No. IAC-333, Revision A, issued by Jenna Fivelman of iAccess Consultants, dated 17/02/2020
- Fire Engineering Report Reference No. 243928-06, Revision D, issued by ARUP, dated 20/01/2020
- Consultant's Advice regarding Lift Nos. 29/30 Stretcher Facility Performance Solution issued by Brendan Byrne of Norman, Disney & Young, dated 05/04/2019
- Ergonomics Review of The Level 2 Tunnels Report issued by David C. Caple of David Caple & Associates Pty Ltd, dated 07/02/2018

- Evidence of Submission of Archival Recording to Planning Secretary issued by Peter Doyle of Sydney Opera House dated 18/02/2020
- Evidence of Submission of CEMP to Council issued by Peter Doyle of Sydney Opera House dated 21/02/2020
- Evidence of Submission of the CEMP to the planning Secretary issued by Peter Doyle of Sydney Opera House dated 21/02/2020
- Evidence of Submission of CNVMP to Council issued by Peter Doyle of Sydney Opera House dated 21/02/2020
- Evidence of Submission of CNVMP to Planning Secretary issued by Peter Doyle of Sydney Opera House dated 21/02/2020
- Evidence of Submission of Structural Drawings to Council issued by Peter Doyle of Sydney Opera House dated 21/02/2020
- Report Referencing Concert Hall Balcony issued by David C. Caple of David Caple & Associates Pty Ltd, dated 20/02/2020
- Report – Ergonomics Review of The Level 2 Tunnels and Orchestra Assembly Room on Level 1 issued by David C. Caple of David Caple & Associates Pty Ltd, dated 16/02/2018

**Schedule of Conditions - CH**

The following conditions are to be addressed within 30 days of the issue of the Crown Building Works Certificate for the Concert Hall, and approved via a subsequent Crown Building Works Certificate:

1. Closed out
2. Closed out.
3. Closed out.
4. Closed Out
5. Closed out
6. Closed out
7. The Lift Services Design Statement is to be amended to reference BCA Specification E3.1(2)(b).
8. Closed out.
9. Closed out.
10. Closed out.
11. Closed out.
12. Closed out
  
13. Referral of the Final Fire Engineering Report to FRNSW is to be completed.
14. Closed out
15. Closed out
16. The Fire Engineering Report is to be updated to satisfactorily address the items noted in the Innova Services Fire Engineering Peer Review Report No. 20039-R01 Version 1 dated 21 February 2020.
17. Provide an updated Innova Services Fire Engineering Peer Review Report with the issued the subject of the synopsis of finding noted in Section 1.0, items 1-3 closed out/addressed.
18. The following items from Group DLA Deliverables List Rev A are to be provided:
  - a. Item 30 – Closed out
  - b. Item 33 – Balustrade Design Certificate. The Prism Façades Structural Design Certification dated 16/12/2016 is required to be updated to nominate:
    - i. BCA 2016 Clause B1.2 & B1.4