

# Sydney Opera House

EPBC Approval 2016/7825  
Annual Compliance Report  
Period: 26 June 2018 to 25 June 2019

Report Date: 26 September 2019



## 1. Declaration of accuracy

In making this declaration, I am aware that sections 490 and 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) make it an offence in certain circumstances to knowingly provide false or misleading information or documents. The offence is punishable on conviction by imprisonment or a fine, or both. I declare that all the information and documentation supporting this compliance report is true and correct in every particular. I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed:

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Full name: **Ian Cashen**

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Position: **Director, Building, Safety and Security**

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Organisation: **Sydney Opera House (ABN: 69 712 101 035)**

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Date **26/09/2019**

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## 2. Document Version Control

Date	Version	Prepared by	Approved by	Filename/path
26 Sept 2018	2018 Final	Peter Doyle	Ian Cashen	20180926 EPBC Annual Report FINAL.docx
10 Sept 2019	2019 Draft	Peter Doyle		20190910 EPBC Annual Report DRAFT.docx
26 Sept 2019	2019 Final	Peter Doyle	Ian Cashen	20190926 EPBC Annual Report FINAL.docx

### 3. Table of Contents

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1. Declaration of accuracy .....	1
2. Document Version Control.....	1
3. Table of Contents .....	2
4. Description of Activities.....	3
4.1. EPBC Number:.....	3
4.2. Project Name: .....	3
4.3. Approval Holder: .....	3
4.4. Approval Holder ABN: .....	3
4.5. Approved Action:.....	3
4.6. Location of the Project: .....	3
4.7. Reporting Period: .....	3
4.8. Report Date:.....	3
4.9. Activities during Current Period:.....	3
5. Compliance Table.....	5
6. Non-compliances .....	10
7. New Environmental Risks .....	10
Appendix 1 - EPBC 2016/7825 Approval.....	11
Appendix 2 - SSD16_7665 Consent & SSD_7665 MOD1 .....	18
Appendix 3 - Letter of Notification to DEE .....	39
Appendix 4 - Heritage Interpretation Strategy Implementation Report .....	41
Appendix 5 - Examples of hoardings used during construction .....	46

## 4. Description of Activities

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### 4.1. EPBC Number:

2016/7825

### 4.2. Project Name:

Sydney Opera House Building Renewal Program

### 4.3. Approval Holder:

Sydney Opera House

### 4.4. Approval Holder ABN:

69 712 101 035

### 4.5. Approved Action:

To undertake part of the Sydney Opera House Building Renewal Program, Sydney, NSW. The package of works is for operational enhancements, accessibility upgrades and improved work, health and safety standards in the Joan Sutherland Theatre, Entry Foyer and Function Centre.

### 4.6. Location of the Project:

2 Circular Quay East, Bennelong Point, Sydney.

Lot 4 DP 787933 and Lot 5 DP 775888

### 4.7. Reporting Period:

26 June 2018 to 25 June 2019

### 4.8. Report Date:

26 September 2019

### 4.9. Activities during Current Period:

During the reporting period, Safety, Accessibility and Venue Enhancement works (SAVE) were completed in the Joan Sutherland Theatre (JST).

Construction of the new Function Centre, within the north eastern part of the Podium was completed during the period. The Function Centre was officially opened as the Yallamundi Rooms (Yallamundi means “storyteller” in the local Dharug language) in April 2019.

Work on the Lift 36 Component of the Entry Foyer commenced on 19 September 2018. Work continued throughout the reporting period, and completion is expected by December 2019.

## 5. Compliance Table

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Condition Number	Condition	Is the project compliant with this condition? Compliant/ Non-Compliant/ Not applicable	Evidence/Comments
1)	To minimise the impacts of the action on protected matters, the person taking the action must implement conditions of the approval granted for SSD16_7665 under the <i>Environmental Planning &amp; Assessment Act 1979</i> (NSW) as in force or existing from time to time, where those conditions relate to managing, mitigating, avoiding, recording or reporting on impacts to protected matters: <i>A5. This consent in no way implies approval for the provision of two new slot windows along the eastern facade of the Sydney Opera House Building to provide natural light and amenity for the office accommodation.</i>	Compliant	The slot windows have been removed from the project scope.
	<i>A6. The use of the LED screen in the Uzton Bar and Lounge for advertising at any time is prohibited.</i>	Compliant	The Content Management System which controls content displayed on screens throughout the SOH allows only two curated pieces to be shown on that screen, and these do not include advertising.
	<i>A7. This consent includes the provision of temporary box office and cloaking facilities to be located on the vehicle concourse and used for the duration of the construction works.</i>	Not applicable	The temporary facilities were not implemented during the period.
	<i>B3. Prior to the certification of Crown Building Works, a suitably qualified and experienced heritage consultant must be engaged to:</i> a) <i>Inspect the demolition and removal of material to ensure there is no unapproved removal of significant fabric or elements; and</i> b) <i>Provide ongoing advice to tradespeople undertaking the works throughout the construction period.</i>	Compliant	Design 5 Architects (Alan Croker, Sydney Opera House Heritage Architect) were engaged by the SOH on 31 May 2017. (Evidence provided in 2018 Compliance Report) Design 5 has undertaken regular inspections throughout the construction activities and provided ongoing advice to tradespeople.
	<i>B10. Prior to the certification of Crown Building Works, a photographic archival record of all areas undergoing works must be prepared in accordance with the document How to Prepare Archival Records by the Heritage Council of NSW, and submitted to the Heritage Council and the Department.</i>	Compliant	<ul style="list-style-type: none"> <li>JST SAVE - Completed by Evolving Pictures. Copies were issued to the NSW Heritage Council and NSW Department of Planning &amp; Environment on 24 April 2017.</li> <li>Entry Foyer/Lift 36 - Photos have been recorded by "Evolving Pictures" for archaeological archive purposes on the 7 March 2019 at project commencement, and progress photos will continue to be captured of the overall project as well as on completion.</li> <li>Ballet Rehearsal Room – Photos were recorded by "Evolving Pictures" for archive purposes on the 12 July 2017 at project commencement, and progress photos were captured of the overall project as well as on completion in March 2018.</li> <li>Function Centre - Photos were recorded by "Evolving Pictures" for archive purposes on the 12 July 2017 at project commencement, and progress photos were captured of the overall project and completion is targeted for October 2019..</li> </ul>
	<i>C6. Vibration caused by construction at any residence or structure outside the subject site must be limited to:</i> a) <i>for structural damage vibration to buildings (excluding heritage buildings), British Standard BS 7385 Part 2-1993 Evaluation and Measurement for Vibration in Buildings;</i> b) <i>for structural damage vibration to heritage buildings, German Standard DIN 4150 Part 3 Structural Vibration in Buildings Effects on Structure; and</i> c) <i>for human exposure to vibration, the evaluation criteria presented in British Standard BS 6472- Guide to Evaluate Human Exposure to Vibration in Buildings (1Hz to 80Hz) for low probability of adverse comment.</i>	Compliant	This was covered in Laing O'Rourke Australia Construction (LORAC) Construction Noise & Vibration Management Plan 9 May 2017. (Evidence provided in 2018 Compliance Report)
	<i>C7. All significant building fabric and building elements are to be protected during the works from potential damage. Protection systems must ensure historic fabric is not damaged or removed.</i>	Compliant	Protection systems periodically checked with site walks and Design 5 inspections. The need to protect significant building fabric is also covered in contractor site inductions.
	<i>C8. The installation of new services shall be carried out in such a manner as to minimise damage to, or removal of, significant fabric.</i>	Compliant	LORAC confirmed compliance in their Crown Certificate (CC) documentation. (Evidence provided in 2018 Compliance Report)
	<i>C9. The steps and associated handrails required to be removed for the escalator installation are to be carefully removed, catalogued, safely stored and able to be readily reinstated.</i>	Not applicable	The escalators component of the project was not commenced during the reporting period.
	<i>C10. Any significant internal building fabric and elements approved to be removed are to be carefully removed, catalogued, safely stored and able to be readily reinstated, including the white birch 'wobbly' panels and door hardware.</i>	Compliant	Schedule of existing affected fabric prepared by Design 5 Architects. Significant items stored at Leichhardt.

	<p>C18. The following hoarding requirements shall be complied with:</p> <p>a) no third party advertising is permitted to be displayed on the subject hoarding/fencing; and</p> <p>b) the construction site manager shall be responsible for the removal of all graffiti from any construction hoarding/fencing or the like within the construction area within 48 hours of its application.</p>	Compliant	
2)	To minimise the impacts of the action on protected matters, the person taking the action must notify the Department in writing of any proposed change to the conditions of the State Government approval for which Condition 1 applies, if those changes relate to managing, mitigating, avoiding, recording or reporting on impacts to protected matters. This notification must be provided no later than 2 weeks after: formally proposing such a variation in writing; or becoming aware of the State Government proposing a change.	Not applicable	The SOH sought a modification of SSD7665 in August 2018. The modification was approved on 26 November 2018. The conditions of the approval changed by the modification do not alter the requirements on the SOH that relate to managing, mitigating, avoiding, recording or reporting on impacts to protected matters. Modification approval included in Appendix 2.
3)	<p>To minimise the impacts of the action on <b>protected matters</b>, the person taking the action must resolve the following:</p> <ol style="list-style-type: none"> <li>Final expression of cuts through cranked beams and stairs for the new accessible passageway on Level 3 of the Joan Sutherland Theatre.</li> <li>Signage, LED screens, handrails and escalator finishes.</li> <li>Final design of lifts at each level of the building in relation to heritage fabric.</li> <li>Dimensions and finishes of the Function Centre internal wall openings.</li> <li>Final designs of any other currently unresolved detailing.</li> <li>Advise how the design finishes are consistent with Utzon's colour palette and Peter Hall's original interior fitout.</li> </ol> <p>Prior to <b>commencement of each element</b>, the person taking the action must notify the Department in writing of the final designs and that the design finishes have been supported in writing by: the <b>Eminent Architects Panel, Sydney Opera House Heritage Architect and Conservation Council</b>.</p>	Compliant	<p>JST SAVE Project: Notice was sent to the DEE 26 June 2017. (Evidence provided in 2018 Report)</p> <p>Ballet Rehearsal Room Project: Notice was sent to the DEE 24 August 2017. (Evidence provided in 2018 Report)</p> <p>Function Centre Project: Notice was sent to the DEE 13 February 2018. (Evidence provided in 2018 Report)</p> <p>Entry Foyer Project (Lift 36 Component): Notice was sent to the DEE 25 September 2018. (Copy of notification letter included in Appendix 3)</p>
4)	<p>To minimise the impacts of the action on protected matters, the person taking the action must, within 6 months of commencement of the action, submit for the Minister's approval, a five (5) year Heritage Interpretation Strategy for the interpretation of the architectural history of the Sydney Opera House and its World and National Heritage values. The Heritage Interpretation Strategy must include:</p> <ol style="list-style-type: none"> <li>A commitment to display information about the evolution of the design and fabric of the building, including through the building renewal program, in publicly accessible areas.</li> <li>Information to be displayed, including photographs of the relevant elements of the action in their original context alongside the proposed modifications, in particular any works affecting the original Peter Hall fitout that will be removed. The photographic recording must be undertaken in accordance with the Photographic Recording of Heritage Items Using Film or Digital Capture (2006) guidelines issued by the New South Wales Heritage Office.</li> <li>Presentation of biographical details of Jorn Utzon and Peter Hall and a description of their roles and vision for the design and construction of the Sydney Opera House.</li> <li>Provision for permanent information accessible through the Sydney Opera House website as an online archival record of the building and the renewal program.</li> <li>A timeline for the implementation of the interpretation works.</li> </ol> <p>The Heritage Interpretation Strategy must be implemented once it has been approved by the Minister. Commencement of the Function Centre cannot begin until the Minister has approved the Heritage Interpretation Strategy.</p>	Compliant	<p>The Renewal Interpretation Strategy was approved by Minister's delegate 21 December 2017. (Evidence provided in 2018 Report)</p> <p>The Function Centre works commenced on 5 February 2018. (Evidence provided in 2018 Report)</p>
5)	To minimise the impacts of the action on protected matters, the person taking the action must, prior to commencement of the action, and until completion of construction, publicly display content about the building renewal program on construction fencing / hoarding.	Compliant	Hoardings are being used onsite to communicate conservation and building Renewal info and key messages and to facilitate visitor navigation during construction. See Appendix 5.



6)	To minimise the impacts of the action on protected matters, the person taking the action must, during construction, publicly display photographic exhibitions of the building renewal program on at least two occasions on the Western Broadwalk. Details of the exhibitions must be included in the Heritage Interpretation Strategy.	Not applicable	Renewal Interpretation Strategy includes the following action: Install temporary photographic exhibitions on the Western Broadwalk or other temporary exhibition space on a minimum of two occasions, in conjunction with Renewal works milestones and other key events. For example World Monuments and Sites Day in April 2018 and ICOMOS General Assembly in November 2020. This action to take place in the timeframe 2018-2022. 'Horisont exhibition exploring Utzon's influences took place from 14 to 28 October 2018 on the Western Broadwalk and in the Bennelong Passage. (Refer to Renewal Interpretation Strategy Action Plan Update – Appendix 4)
7)	Within 20 business days after the commencement of the action, the person taking the action must advise the Department in writing of the actual date of commencement.	Compliant	See Condition 3 above. Entry Foyer Project (Lift 36 Component): Notice was sent to the DEE 25 September 2018. (Copy of notification letter included in Appendix 3)
8)	The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the Heritage Interpretation Strategy required by this approval, and make them available to the Department upon request. Such records may be subject to audit by the Department or an independent auditor in accordance with section 458 of the EPBC Act, or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the Department's website. The results of audits may also be publicised through the general media.	Compliant	SOH maintains compliance registers for SSD and EPBC approvals. Heritage Interpretation Strategy status reports are presented regularly to the Sydney Opera House Executive Team and the Conservation Council.
9)	Within three months of every 12 month anniversary of the commencement of the action, the person taking the action must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions. Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be provided to the Department at the same time as the compliance report is published.	Compliant	Report published on SOH website: <a href="https://www.sydneyoperahouse.com/our-story/Renewal/approvals/compliance-report-guidelines.html">https://www.sydneyoperahouse.com/our-story/Renewal/approvals/compliance-report-guidelines.html</a> : 26 September 2019 Report sent to DEE 26 September 2019
10)	The person taking the action may choose to revise the Heritage Interpretation Strategy approved by the Minister under Condition 4 without submitting it for approval under section 143A of the EPBC Act, if the taking of the action in accordance with the revised Heritage Interpretation Strategy would not be likely to have a new or increased impact. If the person taking the action makes this choice they must: <ul style="list-style-type: none"> <li>i. Notify the Department in writing that the approved Heritage Interpretation Strategy has been revised and provide the Department with an electronic copy of the revised Heritage Interpretation Strategy;</li> <li>ii. Implement the revised Heritage Interpretation Strategy from the date that the Heritage Interpretation Strategy is submitted to the Department; and</li> <li>iii. For the life of this approval, maintain a record of the reasons the approval holder considers that taking the action in accordance with the Heritage Interpretation Strategy would not be likely to have a new or increased impact.</li> </ul>	Not applicable	
10A)	The person taking the action may revoke their choice under Condition 10 at any time by notice to the Department. If the person taking the action revokes the choice to implement the Heritage Interpretation Strategy, without approval under section 143A of the EPBC Act, the Heritage Interpretation Strategy approved by the Minister must be implemented.	Not applicable	
10B)	If the Minister gives a notice to the person taking the action that the Minister is satisfied that the taking of the action in accordance with the Heritage Interpretation Strategy would be likely to have a new or increased impact, then: <ul style="list-style-type: none"> <li>i. Condition 10 does not apply, or ceases to apply, in relation to the revised Heritage Interpretation Strategy; and</li> <li>ii. The person taking the action must implement the Heritage Interpretation Strategy approved by the Minister.</li> </ul> To avoid any doubt, this condition does not affect any operation of Conditions 10 and 10A, in the period before the day the notice is given. At the time of giving the notice the Minister may also notify that for a specified period of time that Condition 10 does not apply for the Heritage Interpretation Strategy required under the approval.	Not applicable	

10C)	Conditions 10, 10A and 10B are not intended to limit the operation of section 143A of the EPBC Act, which allows the person taking the action to submit a Heritage Interpretation Strategy to the Minister for approval.	Not applicable	
11)	If, at any time after 10 years from the date of this approval, the person taking the action has not substantially commenced the action, then the person taking the action must not substantially commence the action without the written agreement of the Minister.	Not applicable	Action substantially commenced as per Condition 7 above.
12)	Unless otherwise agreed to in writing by the Minister, the person taking the action must publish the Heritage Interpretation Strategy referred to in these conditions of approval on their website. The Heritage Interpretation Strategy must be published on the website within 1 month of being approved by the Minister or being submitted under Condition 10i.	Compliant	The strategy is available on SOH's website <a href="https://www.sydneyoperahouse.com/content/dam/pdfs/renewal/171214_Renewal-Interpretation-Strategy_FINAL2.pdf">https://www.sydneyoperahouse.com/content/dam/pdfs/renewal/171214_Renewal-Interpretation-Strategy_FINAL2.pdf</a>

## **6. Non-compliances**

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Nil to report.

## **7. New Environmental Risks**

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No new environmental risks to report.

## Appendix 1 - EPBC 2016/7825 Approval

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## Approval

### Sydney Opera House Building Renewal Program - Safety, Accessibility and Venue Enhancements (EPBC 2016/7825)

This decision is made under sections 130(1) and 133 of the *Environment Protection and Biodiversity Conservation Act 1999*.

#### Proposed action

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**person to whom the approval is granted** Sydney Opera House

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**proponent's ABN** ABN: 69 712 101 035

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**proposed action** To undertake part of the Sydney Opera House Building Renewal Program, Sydney, NSW. The package of works is for operational enhancements, accessibility upgrades and improved work, health and safety standards in the Joan Sutherland Theatre, Entry Foyer and Function Centre.

[See EPBC Act referral 2016/7825, and request for variation received 3 March 2017 and accepted 14 March 2017].

#### Approval decision

Controlling Provision	Decision
World Heritage properties (sections 12 & 15A)	Approve
National Heritage places (sections 15B & 15C)	Approve

#### conditions of approval

This approval is subject to the conditions specified below.

#### expiry date of approval

This approval has effect until 31 May 2027.

#### Decision-maker

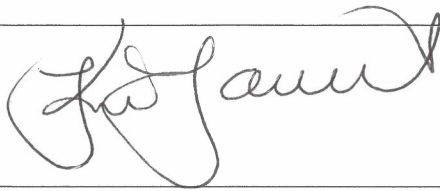
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**name and position** Kim Farrant  
Assistant Secretary  
Assessments (NSW, ACT) and Fuel Branch

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signature



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date of decision 20.6.17

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### Conditions attached to the approval

- 1) To minimise the impacts of the action on **protected matters**, the person taking the action must implement conditions A5, A6, A7, B3, B10, C6, C7, C8, C9, C10 and C18 of the approval granted for SSD16\_7665 under the *Environmental Planning & Assessment Act 1979* (NSW) as in force or existing from time to time, where those conditions relate to managing, mitigating, avoiding, recording or reporting on impacts to **protected matters**.
- 2) To minimise the impacts of the action on **protected matters**, the person taking the action must notify the **Department** in writing of any proposed change to the conditions of the State Government approval for which Condition 1 applies, if those changes relate to managing, mitigating, avoiding, recording or reporting on impacts to **protected matters**. This notification must be provided no later than 2 weeks after: formally proposing such a variation in writing; or becoming aware of the State Government proposing a change.
- 3) To minimise the impacts of the action on **protected matters**, the person taking the action must resolve the following:
  - i. Final expression of cuts through cranked beams and stairs for the new accessible passageway on Level 3 of the Joan Sutherland Theatre.
  - ii. Signage, LED screens, handrails and escalator finishes.
  - iii. Final design of lifts at each level of the building in relation to heritage fabric.
  - iv. Dimensions and finishes of the Function Centre internal wall openings.
  - v. Final designs of any other currently unresolved detailing.
  - vi. Advise how the design finishes are consistent with Utzon's colour palette and Peter Hall's original interior fitout.

Prior to **commencement of each element**, the person taking the action must notify the **Department** in writing of the final designs and that the design finishes have been supported in writing by: the **Eminent Architects Panel, Sydney Opera House Heritage Architect and Conservation Council**.

- 4) To minimise the impacts of the action on **protected matters**, the person taking the action must, within 6 months of **commencement** of the action, submit for the **Minister's** approval, a five (5) year Heritage Interpretation Strategy for the **interpretation** of the architectural history of the Sydney Opera House and its World and National Heritage values. The Heritage Interpretation Strategy must include:
  - i. A commitment to display information about the evolution of the design and fabric of the building, including through the building renewal program, in publicly accessible areas.

- ii. Information to be displayed, including photographs of the relevant elements of the action in their original context alongside the proposed modifications, in particular any works affecting the original Peter Hall fitout that will be removed. The photographic recording must be undertaken in accordance with the *Photographic Recording of Heritage Items Using Film or Digital Capture (2006)* guidelines issued by the New South Wales Heritage Office.
- iii. Presentation of biographical details of Jorn Utzon and Peter Hall and a description of their roles and vision for the design and construction of the Sydney Opera House.
- iv. Provision for permanent information accessible through the Sydney Opera House website as an online archival record of the building and the renewal program.
- v. A timeline for the implementation of the interpretation works.

The Heritage Interpretation Strategy must be implemented once it has been approved by the **Minister**. **Commencement** of the Function Centre cannot begin until the **Minister** has approved the Heritage Interpretation Strategy.

- 5) To minimise the impacts of the action on **protected matters**, the person taking the action must, prior to **commencement** of the action, and until completion of construction, publicly display content about the building renewal program on construction fencing / hoarding.
- 6) To minimise the impacts of the action on **protected matters**, the person taking the action must, during construction, publicly display photographic exhibitions of the building renewal program on at least two occasions on the Western Broadwalk. Details of the exhibitions must be included in the Heritage Interpretation Strategy.
- 7) Within 20 business days after the **commencement** of the action, the person taking the action must advise the **Department** in writing of the actual date of **commencement**.
- 8) The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the Heritage Interpretation Strategy required by this approval, and make them available to the **Department** upon request. Such records may be subject to audit by the **Department** or an independent auditor in accordance with section 458 of the **EPBC Act**, or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the **Department's** website. The results of audits may also be publicised through the general media.
- 9) Within three months of every 12 month anniversary of the **commencement** of the action, the person taking the action must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions. Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be provided to the **Department** at the same time as the compliance report is published.
- 10) The person taking the action may choose to revise the Heritage Interpretation Strategy approved by the **Minister** under Condition 4 without submitting it for approval under section 143A of the **EPBC Act**, if the taking of the action in accordance with the revised Heritage Interpretation Strategy would not be likely to have a new or increased impact. If the person taking the action makes this choice they must:

- i. Notify the **Department** in writing that the approved Heritage Interpretation Strategy has been revised and provide the **Department** with an electronic copy of the revised Heritage Interpretation Strategy;
- ii. Implement the revised Heritage Interpretation Strategy from the date that the Heritage Interpretation Strategy is submitted to the **Department**; and
- iii. For the life of this approval, maintain a record of the reasons the approval holder considers that taking the action in accordance with the Heritage Interpretation Strategy would not be likely to have a new or increased impact.

10A) The person taking the action may revoke their choice under Condition 10 at any time by notice to the **Department**. If the person taking the action revokes the choice to implement the Heritage Interpretation Strategy, without approval under section 143A of the **EPBC Act**, the Heritage Interpretation Strategy approved by the **Minister** must be implemented.

10B) If the **Minister** gives a notice to the person taking the action that the **Minister** is satisfied that the taking of the action in accordance with the Heritage Interpretation Strategy would be likely to have a new or increased impact, then:

- i. Condition 10 does not apply, or ceases to apply, in relation to the revised Heritage Interpretation Strategy; and
- ii. The person taking the action must implement the Heritage Interpretation Strategy approved by the **Minister**.

To avoid any doubt, this condition does not affect any operation of Conditions 10 and 10A, in the period before the day the notice is given.

At the time of giving the notice the **Minister** may also notify that for a specified period of time that Condition 10 does not apply for the Heritage Interpretation Strategy required under the approval.

10C) Conditions 10, 10A and 10B are not intended to limit the operation of section 143A of the **EPBC Act**, which allows the person taking the action to submit a Heritage Interpretation Strategy to the **Minister** for approval.

11) If, at any time after 10 years from the date of this approval, the person taking the action has not substantially commenced the action, then the person taking the action must not substantially commence the action without the written agreement of the **Minister**.

12) Unless otherwise agreed to in writing by the **Minister**, the person taking the action must publish the Heritage Interpretation Strategy referred to in these conditions of approval on their website. The Heritage Interpretation Strategy must be published on the website within 1 month of being approved by the **Minister** or being submitted under Condition 10i.



## **Definitions:**

**Commencement:** the first instance of an activity. In relation to the action, it includes any demolition, construction or interior refurbishment associated with the action, excluding the erection of exterior hoardings, fences or signs and the conduct of heritage, environmental or other low impact surveys.

**Commencement of each element:** the elements of the action are defined as:

- Joan Sutherland Theatre projects, including the Follow Spot Room; safety curtain; accessibility projects (seating, Lift 31, Northern Foyer level 2 access, stage to auditorium access); dressing room upgrades; and sanitary facilities.
- Ballet Rehearsal Room
- Entry Foyer, including Lift 36
- Entry Foyer escalator
- Function Centre
- Joan Sutherland Theatre Northern Foyer level 3 access
- Eastern Accommodation

The **Department:** the Australian Government department responsible for administration of the **EPBC Act**.

The **EPBC Act:** the *Environment Protection and Biodiversity Conservation Act 1999 (Cth)*.

The **Minister:** the Australian Government minister responsible for administering the **EPBC Act** or any nominated delegate.

**Interpretation:** means an action, activity, tool, technique or technology used to present and enhance understanding of an item or place's heritage and cultural significance. Interpretation may include, but is not limited to, a combination of the treatment and fabric of the item; the use of the item; and the use of interpretive media, such as events, activities, signs and publications.

**Protected Matter/s:** the World Heritage property and National Heritage place protected under the provisions of the EPBC Act for which this approval has effect.

The **Eminent Architects Panel; Sydney Opera House Heritage Architect;** and the **Conservation Council:** the advisory groups responsible for providing conservation and heritage advice to the person proposing to take the action.

## Appendix 2 - SSD16\_7665 Consent & SSD\_7665 MOD1

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# Development consent

## Section 89E of the *Environmental Planning and Assessment Act 1979*

I grant consent to the development application referred to in Schedule 1, subject to the conditions in Schedule 2.

These conditions are required to:

- prevent, minimise, and/or offset adverse environmental impacts including economic and social impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the development.

Anthony Roberts  
**Minister for Planning**

Sydney

24/5/

2017

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### SCHEDULE 1

<b>Application No.:</b>	SSD 7665
<b>Applicant:</b>	The Sydney Opera House Trust
<b>Consent Authority:</b>	Minister for Planning
<b>Land:</b>	2 Circular Quay East, Bennelong Point, Sydney. Lot 4 DP 787933 and Lot 5 DP 775888
<b>Development:</b>	Safety, accessibility and venue enhancement works to the Joan Sutherland Theatre, new office accommodation, and entry foyer refurbishment works at the Sydney Opera House.

## DEFINITIONS

Advisory Notes	Advisory information relating to the consent but do not form a part of this consent
Applicant	The Sydney Opera House Trust
Application	The development application and the accompanying drawings plans and documentation described in Condition A2
AS	Australian Standard
Construction	Any works, including earth and building works
Council	City of Sydney Council
Certification of Crown Building works	Certification under section 109R of the EP&A Act
Certifying Authority	Means a person who is authorised by or under section 109D of the EP&A Act to issue a construction certificate under Part 4A of the EP&A Act; or in the case of Crown development, a person qualified to conduct a Certification of Crown Building works
Day time	The period from 7am to 6pm on Monday to Saturday, and 8am to 6pm on Sundays and Public Holidays
Department	Department of Planning and Environment or its successors
Evening	The period from 6pm to 10pm
EIS	Environmental Impact Statement entitled ' <i>Sydney Opera House Building Renewal Safety, Accessibility and Venue Enhancement Works and Entry Foyer Refurbishment</i> ', and accompanying appendices, prepared by Keylan Consulting Pty Ltd, dated September 2016.
EPA	Environment Protection Authority, or its successor
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>
EP&A Regulation or Regulation	<i>Environmental Planning and Assessment Regulation 2000</i>
Heritage Council	Heritage Council of NSW
Minister	Minister for Planning, or nominee
NCC	National Construction Code 2016
Night time	The period from 10pm to 7am on Monday to Saturday, and 10pm to 8am on Sundays and Public Holidays
OEH	Office of the Environment and Heritage, or its successor
Reasonable and Feasible	Reasonable relates to the application of judgement in arriving at a decision, taking into account: mitigation benefits, cost of mitigation versus benefits provided, community views and the nature and extent of potential improvements. Feasible relates to engineering considerations and what is practical to build.
RtS	Response to Submissions entitled ' <i>Sydney Opera House Building Renewal Program Safety, Accessibility, and Venue Enhancement Works and Entry Foyer Refurbishment (SSD 7665)</i> ', and accompanying appendices, prepared by Keylan Consulting Pty Ltd, dated 3 February 2017.
RMS	Roads and Maritime Services Division, Department of Transport, or its successor
Secretary	Secretary of the Department of Planning and Environment, or nominee/delegate
Sensitive receiver	Residence, education institution (e.g. school, university, TAFE college), health care facility (e.g. nursing home, hospital), religious facility (e.g. church) and children's day care facility.
SOH	Sydney Opera House
Standard Construction Hours	Standard construction hours recommended in Table 1 Chapter 2 of the <i>Interim Construction Noise Guideline, July 2009 (ICNG)</i>
Subject Site	2 Circular Quay East, Bennelong Point, Sydney (Lot 4 DP 787933 and Lot 5 DP 775888)

## SCHEDULE 2

### PART A ADMINISTRATIVE CONDITIONS

#### Terms of Consent

A1. The Applicant, in acting on this consent, must carry out the development:

- a) generally in accordance with the Environmental Impact Statement entitled 'Sydney Opera House Building Renewal Safety, Accessibility and Venue Enhancement Works and Entry Foyer Refurbishment', and accompanying appendices, prepared by Keylan Consulting Pty Ltd, dated September 2016;
- b) generally in accordance with the Response to Submissions entitled 'Sydney Opera House Building Renewal Program Safety, Accessibility, and Venue Enhancement Works and Entry Foyer Refurbishment (SSD 7665)', and accompanying appendices, prepared by Keylan Consulting Pty Ltd, dated 3 February 2017;
- c) in compliance with the conditions of this consent; and
- d) the following drawings:

<b>Works to the Joan Sutherland Theatre</b>			
<b>Architectural (or Design) Drawings prepared by Scott Carver</b>			
<b>Sheet No.</b>	<b>Revision</b>	<b>Name of Plan</b>	<b>Date</b>
DA000	C	Cover Sheet	4/8/2016
DA001	B	Material Board	2/8/2016
DA011	B	Overall Demolition Plan – L1 + 30	2/8/2016
DA012	B	Overall Demolition Plan – L2 + 42	2/8/2016
DA013	B	Overall Demolition Plan – L3 + 51	2/8/2016
DA014	B	Overall Demolition Plan – L4 + 61	2/8/2016
DA109	B	Overall Proposed Works Plan – GR + 12	2/8/2016
DA110	B	Overall Proposed Works Plan – GM + 21	2/8/2016
DA111	B	Overall Proposed Works Plan – L1 + 30	2/8/2016
DA112	C	Overall Proposed Works Plan – L2 + 42	4/8/2016
DA113	B	Overall Proposed Works Plan – L3 + 51	2/8/2016
DA114	B	Overall Proposed Works Plan – L4 + 61	2/8/2016
DA130	C	JST Northern Foyer Access – L2 Passage	4/8/2016
DA135	B	JST Northern Foyers (W) – L2 Passage Demolition Sections – Sheet 1	2/8/2016
DA136	B	JST Northern Foyers (W) – L2 Passage Demolition Sections – Sheet 2	2/8/2016
DA137	C	JST Northern Foyers (W) – L2 Passage New Works Sections – Sheet 1	4/8/2016
DA138	C	JST Northern Foyers (W) – L2 Passage New Works Sections – Sheet 2	4/8/2016
DA150	B	Dressing Room	2/8/2016
DA151	B	Dressing Room – Demolition & Proposed Plans	2/8/2016
DA160	B	Orchestra Pit Access	2/8/2016
DA166	B	Orchestra Pit Access – Demolition & Proposed Plans (L1)	2/8/2016
DA170	B	Toilets	2/8/2016

DA171	B	Toilets (E/W) – Demolition & Proposed Plans	2/8/2016
DA180	B	Seating Upgrade	2/8/2016
DA181	B	Seating Upgrade – Demolition Plan	2/8/2016
DA182	C	Seating Upgrade – Proposed Works	4/8/2016
DA183	B	Seating Upgrade – Proposed L2 Section	2/8/2016
DA184	B	Seating Upgrade – Modular Wheelchair Platform	2/8/2016
DA185	B	Seating Upgrade – Modular Wheelchair Platform Detail	2/8/2016
DA240	B	JST Northern Foyer Access – L3 Passage	2/8/2016
DA244	B	JST Northern Foyers (W) Passages – Demolition Plans (L2 – L4)	2/8/2016
DA246	C	JST Northern Foyers (W) Passages – Proposed Plans (L2 – L4)	4/8/2016
DA247	B	JST Northern Foyers (W) Passages – Sections	2/8/2016
DA250	B	Lift 31	2/8/2016
DA252	C	Lift 31 – Proposed Plans (L1-L2)	4/8/2016
DA253	B	Lift 31 – Proposed Plans (L3-L4)	2/8/2016
DA254	B	Lift 31 – Proposed Sections	2/8/2016
DA256	B	Lift 31 – Glazing Elevations – Demolition	2/8/2016
DA257	B	Lift 31 – Glazing Elevations – Proposed	2/8/2016
DA449	C	JST Follow Spot Room – Cover Sheet	13/1/2017
DA450	C	Existing Follow Spot Room – Layout	13/1/2017
DA451	C	Follow Spot Room – Layout	13/1/2017
DA452	C	Follow Spot Room – Sections	13/1/2017
DA453	C	Follow Spot Room – Details 1	13/1/2017
DA454	C	Follow Spot Room – Details 2	13/1/2017
931	B	Safety Curtain @ Proscenium	8/7/2016

<b>New Office Accommodation</b>			
<b>Architectural (or Design) Drawings prepared by Tonkin Zulaikha Greer Architects</b>			
<b>Sheet No.</b>	<b>Revision</b>	<b>Name of Plan</b>	<b>Date</b>
A-0000	B	Cover Page	5/11/2016
A-0001	B	Location Plan	5/11/2016
A-0101	B	Demolition Ground Floor Plan (+12)	5/11/2016
A-0102	B	Demolition Mezzanine Plan (+21)	5/11/2016
A-1001	B	Proposed Ground Floor Plan (+12)	5/11/2016
A-1002	B	Proposed Mezzanine Plan (+21)	5/11/2016
A-1201	B	Proposed Ground Floor RCP (+12)	5/11/2016
A-1202	B	Proposed Mezzanine RCP (+21)	5/11/2016
A-2001	B	Sections 01	5/11/2016
A-2002	B	Sections 02	5/11/2016
A-3001	B	East Elevation	5/11/2016
A-6001	B	Lift 03 – Function Centre and Offices	5/11/2016
A-9001	A	Finishes	August 2016

<b>Entry Foyer Refurbishment Works</b>			
<b>Architectural (or Design) Drawings prepared by Tonkin Zulaikha Greer Architects</b>			
<b>Sheet No.</b>	<b>Revision</b>	<b>Name of Plan</b>	<b>Date</b>
A-0000	A	Cover Page	2/8/2016
A-0001	A	Location Plan (+30)	2/8/2016
A-0101	A	Demolition Level 1 Plan (+30)	2/8/2016
A-1001	A	Proposed Ground Floor Plan (+12)	2/8/2016
A-1002	A	Proposed Level 1 Plan (+30)	2/8/2016
A-1003	A	Proposed Level 2 Plan (+42)	2/8/2016
A-1201	A	Proposed Level 1 RCP (+30)	2/8/2016
A-2001	A	Wall Elevations 01	2/8/2016
A-2002	A	Wall Elevations 02	2/8/2016
A-2003	A	Wall Elevations 03	2/8/2016
A-6001	A	Utzon Escalator Detail Plans	2/8/2016
A-6002	A	Utzon Escalator Detail Sections	2/8/2016
A-6003	A	Lift 36 Plans GR +21 and L1 +30	2/8/2016
A-6004	A	Lift 36 Plans L2 (+42) and Roof (+51)	2/8/2016
A-9001	A	Finishes + Product Information	2/8/2016

<b>Temporary Box Office Facilities</b>			
<b>Drawing prepared by Event Tops</b>			
<b>Sheet No.</b>	<b>Revision</b>	<b>Name of Plan</b>	<b>Date</b>
V1	-	Vehicle Concourse	-

- A2. If there is any inconsistency between the documents in Condition A1, the most recent document shall prevail to the extent of the inconsistency. However, conditions of this consent prevail to the extent of any inconsistency.
- A3. The Applicant must comply with any reasonable requirements of the Secretary arising from the Department's assessment of:
- any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this consent; and
  - the implementation of any actions or measures contained in these documents.

### **Limits on Consent**

- A4. This consent will lapse five years from the date of consent unless the works associated with the development have physically commenced.
- A5. This consent in no way implies approval for the provision of two new slot windows along the eastern façade of the Sydney Opera House Building to provide natural light and amenity for the office accommodation.
- A6. The use of the LED screen in the Upton Bar and Lounge for advertising at any time is prohibited.
- A7. This consent includes the provision of temporary box office and cloakroom facilities to be located on the vehicle concourse and used for the duration of the construction works.

### **Interpretation Strategy**

- A8. Within six months from the date of consent, the Applicant shall submit to the Department, an Interpretation Strategy for the interpretation of the original 'Curtain of the Sun' tapestry by John Coburn. The Interpretations Strategy shall be informed by the Conservation Management Plan for the Sydney Opera House, shall be prepared in

consultation with the Nominated Heritage Architect (Condition B3), and shall include, but not be limited to, the following:

- a) the type of interpretation that will occur;
- b) the location of the interpretative piece;
- c) the estimated construction/installation date; and
- d) schedule of works.

### **National Construction Code Compliance**

A9. The proposed works shall comply with the applicable performance requirements of the National Construction Code so as to achieve and maintain acceptable standards of structural sufficiency, safety (including fire safety), health and amenity for the ongoing benefit of the community. Compliance with the performance requirements can only be achieved by:

- a) complying with the deemed to satisfy provisions; or
- b) formulating an alternative solution which:
  - i) complies with the performance requirements; or
  - ii) is shown to be at least equivalent to the deemed to satisfy provision; or
  - iii) a combination of a) and b).

### **Development Expenses**

A10. It is the responsibility of the Applicant to meet all expenses incurred in undertaking the development, including expenses incurred in complying with conditions imposed under this consent.

### **Developer Contributions**

A11. In accordance with Section 61 of the *City of Sydney Act 1988*, the Applicant must pay developer contributions in accordance with *Central Sydney Development Contributions Plan 2013*. The contributions are to be paid by the Applicant prior to the certification of Crown Building Works in Part B of this consent (unless the Applicant is granted with an exemption from the Section 61 contributions levy by Council).

### **Prescribed Conditions**

A12. The Applicant shall comply with all relevant prescribed conditions of development consent under Part 6, Division 8A of the Regulation.

### **Legal Notices**

A13. Any advice or notice to the consent authority shall be served on the Secretary.

**END OF PART A**



## **PART B PRIOR TO COMMENCEMENT OF WORKS**

### **Certification of Crown Building Works**

- B1. Plans certified in accordance with section 109R of the EP&A Act are to be submitted to the Certifying Authority and the Department prior to commencement of each stage of construction works and shall include details as required by any of the following conditions.

### **Demolition Works**

- B2. All demolition work shall comply with the provisions of *Australian Standard AS2601: 2001 The Demolition of Structures*. The work plans required by AS2601: 2001 shall be accompanied by a written statement from a suitably qualified person that the proposals contained in the work plan comply with the safety requirements of the Standard. The work plans and the statement of compliance shall be submitted to the satisfaction of the Certifying Authority prior to the commencement of works.

### **Nominated Heritage Consultant**

- B3. Prior to the certification of Crown Building Works, a suitably qualified and experienced heritage consultant must be engaged to:
- a) Inspect the demolition and removal of material to ensure there is no unapproved removal of significant fabric or elements; and
  - b) Provide ongoing advice to tradespeople undertaking the works throughout the construction period.
- B4. Evidence and details of the engagement of a nominated heritage consultant in accordance with Condition B3 shall be submitted to the Department and Council, prior to the certification of Crown Building Works.
- B5. The nominated heritage consultant is to provide ongoing advice to trades people undertaking the works, as required, throughout the construction period.

### **Notice of Commencement of Works**

- B6. The Certifying Authority and Council shall be given written notice, at least 48 hours prior to the commencement of building work on the Subject Site.

### **Contamination**

- B7. Prior to the commencement of any works (including demolition), a hazardous material survey shall be undertaken.
- B8. Prior to the commencement of any works (including demolition), the Applicant shall prepare and implement appropriate project specific procedures for identifying and dealing with unexpected finds of site contamination (including asbestos and lead-based paint materials). This shall include any notification requirements to SafeWork NSW concerning the handling and removal of any asbestos.
- B9. Prior to the commencement of any work, the Applicant is required to satisfy the requirements of the *Protection of the Environment Operations (Waste) Regulation 2014* with particular reference to Part 7 'asbestos wastes'.

### **Archival Recording**

- B10. Prior to the certification of Crown Building Works, a photographic archival record of all areas undergoing works must be prepared in accordance with the document *How to Prepare Archival Records* by the Heritage Council of NSW, and submitted to the Heritage Council and the Department.

## **Ecologically Sustainable Development**

B11. Prior to the certification of Crown Building Works, the Applicant shall incorporate all design, operation and construction measures identified in the ESD Statement prepared by Cundall Australia dated 23 June 2016.

## **Construction Environmental Management Plan**

B12. Prior to the certification of Crown Building Works, a **Construction Environmental Management Plan (CEMP)** shall be submitted to the Certifying Authority. The CEMP shall address, but not be limited to, the following matters, where relevant:

- a) hours of work;
- b) 24 hour contact details of site manager;
- c) the preparation of a **Construction Noise and Vibration Management Plan (CNVMP)**, prepared by a suitably qualified person, which addresses the relevant provisions of Australian Standard 2436 – 2010 Guide to Noise Control on Construction, Maintenance and Demolition Sites, and the Interim Construction Noise Guideline (Department of Environment and Climate Change, 2009);
- d) the preparation of a **Construction Air Quality Management Plan (CAQMP)**, prepared by a suitable qualified person, which includes the monitoring and management of air quality and dust (including dust emissions on the site and dust emissions from the site) to protect the amenity of the neighbourhood; and
- e) erosion and sediment control to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the Subject Site.

Note: The CEMP must not include works that have not been explicitly approved in the development consent. In the event of any inconsistency between the consent and the CEMP, the consent shall prevail.

## **Construction Traffic and Pedestrian Management Plan**

B13. Prior to the certification of Crown Building Works, a **Construction Pedestrian and Traffic Management Plan (CPTMP)** prepared by a suitably qualified person shall be submitted to the Certifying Authority. The CPTMP shall address, but not be limited to, the following matters:

- a) Location of the proposed work zone;
- b) Haulage routes;
- c) Construction vehicle access arrangements;
- d) Hours of work;
- e) Estimated number of construction vehicle movements;
- f) Construction program;
- g) Consultation strategy for liaison with surrounding stakeholders;
- h) Any potential impacts to general traffic, cyclists, pedestrians and bus services within the vicinity of the site from construction vehicles during the construction of the proposed works;
- i) Cumulative construction impacts of projects including Sydney Light Rail Project. Existing CPTMPs for developments within or around the development site should be referenced in the CPTMP to ensure that coordination of work activities are managed to minimise impacts on the CBD road network; and
- j) Should any impacts be identified, the duration of the impacts and measures proposed to mitigate any associated general traffic, public transport, public transport, pedestrian and cyclist impacts should be clearly identified and included in the CPTMP.

B14. The CPTMP shall be prepared in consultation with the CBD Coordination Office, and a copy of the final CPTMP plan shall be submitted to Coordinator General, CBD Coordination Office, prior to the commencement of any works.

### **National Construction Code**

B15. Prior to the certification of Crown Building Works, details shall be provided to the satisfaction of the Certifying Authority which demonstrate that the proposal complies with the prescribed conditions of approval under clause 98 of the EP&A Regulation in relation to the requirements of the NCC.

B16. Any non-deemed to satisfy compliance issues are to be included as alternative solutions in the final design to the satisfaction of the Certifying Authority, prior to the certification of Crown Building Works. A copy shall be provided to the Secretary.

### **Structural Details**

B17. Prior to the certification of Crown Building Works, the Applicant shall submit to the satisfaction of the Certifying Authority structural drawings prepared and signed by a suitably qualified practising Structural Engineer that demonstrates compliance with:

- a) the relevant clauses of the NCC; and
- b) the development consent.

### **Waste Management Plan**

B18. Prior to the certification of Crown Building Works, a **Waste Management Plan (WMP)** shall be prepared and submitted to the Certifying Authority. The WMP shall:

- a) demonstrate that an appropriate area will be provided within the premises for the storage of garbage bins and recycling containers and all waste and recyclable material generated by the works;
- b) provide details demonstrating compliance with the relevant legislation, the SOH Asbestos Risk Management Plan and the SOH Hazardous Materials Action Plan, particularly with regard to the removal of asbestos and hazardous waste, the method of containment and control of emission of fibres to the air;
- c) require that all waste generated during the project is assessed, classified and managed in accordance with the EPA's "Waste Classification Guidelines Part 1: Classifying Waste";
- d) require that the body of any vehicle or trailer used to transport waste or excavation spoil from the Subject Site, is covered before leaving the Subject Site to prevent any spill, or escape of any dust, waste, or spoil from the vehicle or trailer; and
- e) require that mud, splatter, dust and other material likely to fall from or be cast off the wheels, underside or body of any vehicle, trailer or motorised plant leaving the Subject Site, is removed before the vehicle, trailer or motorised plant leaves the Subject Site.
- f) require that concrete waste and rinse water are not disposed on the site and are prevented from entering Sydney Harbour.

**END OF PART B**

## **PART C DURING CONSTRUCTION**

### **Hours of Work**

- C1. The hours of construction, including the delivery of materials to and from the Subject Site, shall be restricted as follows:
- a) between 7:00 am and 6:00 pm, Mondays to Fridays inclusive;
  - b) between 8:00 am and 1:00 pm, Saturdays;
  - c) no work on Sundays and public holidays.
  - d) works may be undertaken outside these hours where:
    - i) the works are internal and undertaken within the wholly enclosed building; or
    - ii) the delivery and removal of vehicles, plant or materials is via the underground loading dock within the Subject Site (in which case it may be undertaken on a 24 hours a day, 7 days a week basis during the construction of the development); or
    - iii) the delivery and removal of vehicles, plant or materials (not via the underground loading dock under Condition C1(d)(ii)) is required outside these hours by the Police or other public authorities, or it is determined that it would be hazardous to the general public (i.e. tourists, patrons or events in the forecourt/boardwalks), provided it is undertaken outside scheduled performance times at the Sydney Opera House (including not within 30 minutes before or after scheduled performances); or
    - iv) it is required in an emergency to avoid the loss of life, damage to property and/or to prevent environmental harm; or
    - v) a variation is approved in advance in writing by the Secretary or her nominee.

### **Noise and Vibration Management**

- C2. The development shall be constructed with the aim of achieving the construction noise management levels detailed in the *Interim Construction Noise Guideline*. All feasible and reasonable noise mitigation measures shall be implemented and any activities that could exceed the construction noise management levels shall be identified and managed in accordance with the CNVMP, approved as part of the CEMP.
- C3. Any noise generated during the construction of the development must not be offensive noise within the meaning of the *Protection of the Environment Operations Act, 1997* or exceed approved noise limits for the Subject Site.
- C4. Heavy vehicles and oversized vehicles must not que or idle on Macquarie Street awaiting access to the Subject Site.
- C5. The Applicant must schedule intra-day 'respite periods' for construction activities predicted to result in noise levels in excess of the "highly noise affected" levels, including the addition of 5dB to the predicted levels for those activities identified in the Interim Construction Noise Guideline as being particularly annoying to noise sensitive receivers.
- C6. Vibration caused by construction at any residence or structure outside the subject site must be limited to:
- a) for structural damage vibration to buildings (excluding heritage buildings), *British Standard BS 7385 Part 2-1993 Evaluation and Measurement for Vibration in Buildings*;
  - b) for structural damage vibration to heritage buildings, *German Standard DIN 4150 Part 3 Structural Vibration in Buildings Effects on Structure*; and

- c) for human exposure to vibration, the evaluation criteria presented in *British Standard BS 6472- Guide to Evaluate Human Exposure to Vibration in Buildings* (1Hz to 80 Hz) for low probability of adverse comment.

### **Site Protection and Works**

- C7. All significant building fabric and building elements are to be protected during the works from potential damage. Protection systems must ensure historic fabric is not damaged or removed.
- C8. The installation of new services shall be carried out in such a manner as to minimise damage to, or removal of, significant fabric.

### **Salvage of Significant Building Fabric**

- C9. The steps and associated handrails required to be removed for the escalator installation are to be carefully removed, catalogued, safely stored and able to be readily reinstated.
- C10. Any significant internal building fabric and elements approved to be removed are to be carefully removed, catalogued, safely stored and able to be readily reinstated, including the white birch 'wobbly' panels and door hardware.

### **Waste Classification**

- C11. The Applicant must ensure that all waste generated by the development is classified in accordance with the EPA's *Waste Classification Guidelines 2009* and disposed of at a facility that may lawfully accept that waste.

### **Asbestos and Hazardous Waste Removal**

- C12. Hazardous and/or industrial waste arising from the demolition activities must be removed and/or transported in accordance with the requirements of the NSW Work Cover Authority.

### **Acoustic Design**

- C13. The proposed alterations must not affect the existing acoustic integrity of the building in relation to the control of noise emissions from the premises.
- C14. No additional equipment may be installed or changes made to the acoustic design unless certified by a suitably qualified acoustic consultant that the equipment will not increase noise emissions from building.

### **Approved Plans to be On-Site**

- C15. A copy of the approved and certified plans, specifications and documents incorporating conditions of approval and certification shall be kept on the Subject Site at all times and shall be readily available for perusal by any officer of the Department, Council or the Certifying Authority.

### **Site Notice**

- C16. A site notice(s) shall be prominently displayed at the boundaries of the Subject Site for the purposes of informing the public of project details including, but not limited to the details of the Builder, Certifying Authority and Structural Engineer. The notice(s) is to satisfy all, but not be limited to, the following requirements:
- a) minimum dimensions of the notice(s) are to measure 841 mm x 594 mm (A1) with any text on the notice to be a minimum of 30 point type size;
  - b) the notice(s) is to be durable and weatherproof and is to be displayed throughout the construction works period;

- c) the approved hours of work, the name of the site/project manager, the responsible managing company (if any), its address, and 24 hour contact phone number for any inquiries, including construction/noise complaints are to be displayed on the site notice; and
- d) the notice(s) is to be mounted at eye level in the vicinity of the Sydney Opera House building/on any perimeter hoarding/fencing, and is to state that unauthorised entry to the Subject Site is not permitted.

#### **Work Cover Requirements**

C17. To protect the safety of work personnel and the public, the work site shall be adequately secured to prevent access by unauthorised personnel, and work shall be conducted at all times in accordance with relevant Work Cover requirements.

#### **Hoarding/Fencing Requirements**

C18. The following hoarding requirements shall be complied with:

- a) no third party advertising is permitted to be displayed on the subject hoarding/fencing; and
- b) the construction site manager shall be responsible for the removal of all graffiti from any construction hoarding/fencing or the like within the construction area within 48 hours of its application.

#### **Groundwater**

C19. The Applicant is required to ensure untreated groundwater is not discharged to Sydney Harbour as a result of any excavation for the project, including any excavation into the bedrock associated with the new lift cores (Lift 31 or Lift 36).

**END OF PART C**

## **PART D PRIOR TO OCCUPATION OR COMMENCEMENT OF USE**

### **Road Damage**

- D1. The cost of repairing any damage caused to Council's assets in the vicinity of the Subject Site as a result of construction works associated with the approved development is to be met in full by the Applicant prior to the occupation of the building.

### **Fire Safety Certification**

- D2. Prior to the use of the Joan Sutherland Theatre, new office accommodation area or entry foyer area, a Fire Safety Certificate shall be obtained for all the Essential Fire or Other Safety Measures forming part of this consent. A copy of the Fire Safety Certificate must be submitted to the relevant authority and be prominently displayed in the building.

### **Structural Inspection Certificate**

- D3. A Structural Inspection Certificate must be submitted to the satisfaction of the Certifying Authority prior to the use of the Joan Sutherland Theatre, new office accommodation area or entry foyer area. A copy of the Certificate with an electronic set of final drawings (contact approval authority for specific electronic format) shall be submitted to the approval authority after:
- a) the site has been periodically inspected and the Certifier is satisfied that the structural works is deemed to comply with the final design drawings; and
  - b) the drawings listed on the Inspection Certificate have been checked with those listed on the final Design Certificate/s.

**END OF PART D**

## **PART E POST OCCUPATION**

### **Ecologically Sustainable Development**

- E1. The operation of the building shall implement the ESD principles and design measures outlined within the EIS.

### **Annual Fire Safety Certificate**

- E2. An annual Fire Safety Statement must be given to Council and the Fire & Rescue NSW commencing within 12 months after the date on which the initial Interim/Final Fire Safety Certificate is issued. This must ensure that the essential services installed in the building for the purpose of fire safety have been inspected and at the time of inspection are capable of operating to the required minimum standard.

### **Noise Control – Plant and Machinery**

- E3. Noise associated with the operation of any plant, machinery or other equipment on the site, shall not give rise to any one or more of the following:
- a) transmission of “offensive noise” as defined in the *Protection of the Environment Operations Act 1997* to any place of different occupancy;
  - b) a sound pressure level at any affected residential property that exceeds the background (LA90, 15 minute) noise level by more than 5dB(A). The background noise level must be measured in the absence of noise emitted from the premises. The source noise level must be assessed as a LAeq, 15 minute; and
  - c) notwithstanding compliance with (1) and (2) above, the noise from mechanical plant associated with the premises must not exceed 5dB(A) above the background noise level between the hours of 12.00 midnight and 7.00 am.

**END OF PART E**



## ADVISORY NOTES

### Appeals

AN1. The Applicant has the right to appeal to the Land and Environment Court in the manner set out in the EP&A Act and the EP&A Regulation (as amended).

### Other Approvals and Permits

AN2. The Applicant shall apply to NSW Heritage for any approvals under the *Heritage Act 1977* (if required), and the Council for all necessary permits including crane permits, road opening permits, hoarding or scaffolding permits, footpath occupation permits and/or any other approvals under section 68 (Approvals) of the *Local Government Act 1993* or section 138 of the *Roads Act 1993*.

### Requirements for Section 60 Approval under Heritage Act 1977

AN3. Prior to the commencement of any works, an application under section 60 of the *Heritage Act 1977* must be submitted to and approved by the Heritage Council of NSW or its delegate.

AN4. As part of the Section 60 application under the *Heritage Act 1977*, the Applicant is to further resolve the design of the following:

- a) The proposed new accessible passageway on Level 3 of the JST, such as how the edges of the cut stairs will be finished;
- b) Details of interpretive elements, signage, LED screen, handrails, and finishes to the escalators; and
- c) Details of the new lifts at each level of the building relative to heritage fabric.

A copy of the Heritage Council's approval and additional information required above must be submitted to the Secretary and Council for information.

### Responsibility for other consents / agreements

AN5. The Applicant is solely responsible for ensuring that all additional consents and agreements are obtained from other authorities, as relevant.

### Temporary Structures

AN6.

- a) An approval under *State Environmental Planning Policy (Miscellaneous Consent Provisions) 2007* must be obtained from the Authority for the erection of the temporary structures. The application must be supported by a report detailing compliance with the provisions of the National Construction Code.
- b) Structural certification from an appropriately qualified practicing structural engineer must be submitted to the Authority with the application under *State Environmental Planning Policy (Miscellaneous Consent Provisions) 2007* to certify the structural adequacy of the design of the temporary structures.

### Disability Discrimination Act

AN7. This application has been assessed in accordance with the EP&A Act. No guarantee is given that the proposal complies with the *Disability Discrimination Act 1992*. The Applicant/owner is responsible to ensure compliance with this and other anti-discrimination legislation. The *Disability Discrimination Act 1992* covers disabilities not catered for in the minimum standards called up in the BCA which references AS 1428.1 - *Design for Access and Mobility*. AS1428 Parts 2, 3 & 4 provides the most comprehensive technical guidance under the *Disability Discrimination Act 1992* currently available in Australia.

## **Commonwealth Environment Protection and Biodiversity Conservation Act 1999**

AN8. On 7 January 2017, the Commonwealth Department of Environment and Energy determined that the proposed works are a controlled action. Consequently, approval of the works under the *Commonwealth Environment Protection and Biodiversity Conservation Act 1999* is required.

- a) The *Commonwealth Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth Act) provides that a person must not take an action which has, will have, or is likely to have a significant impact on a matter of national environmental significance (NES) matter; or Commonwealth land, without an approval from the Commonwealth Environment Minister.
- b) This application has been assessed in accordance with the New South Wales EP&A Act. The determination of this assessment has not involved any assessment of the application of the Commonwealth legislation. It is the Applicant's responsibility to obtain approval from the Department of Environment and Energy (or its successor) and you should not construe this grant of approval as notification to you that the Commonwealth Act does not have application. The Commonwealth Act has application in this case and you should obtain advice about this matter. There are severe penalties for non-compliance with the Commonwealth legislation.

## **Asbestos Removal**

AN9. All excavation works involving the removal and disposal of asbestos must only be undertaken by contractors who hold a current WorkCover Asbestos or "Demolition Licence" and a current WorkCover "Class 2 (Restricted) Asbestos Licence and removal must be carried out in accordance with NOHSC: "Code of Practice for the Safe Removal of Asbestos".

## **Site contamination issues during construction**

AN10. Should any new information come to light during demolition or construction works which has the potential to alter previous conclusions about site contamination then the Applicant must be immediately notified and works must cease. Works must not recommence on site until the consultation is made with the Department.

**END OF ADVISORY NOTES**

# Modification of Development Consent

Section 4.55(1A) of the *Environmental Planning and Assessment Act 1979*

As delegate of the Minister for Planning under delegation dated 11 October 2017, I approve the modification application referred to in Schedule 1, subject to the conditions in Schedule 2.



David McNamara  
Director  
Key Sites Assessments

Date: 26 NOVEMBER 2018 Sydney

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## SCHEDULE 1

**Development Approval:** SSD 7665 granted by the Minister for Planning on 24 May 2017

**For the following:** Safety, accessibility and venue enhancement works to the Joan Sutherland Theatre, new office accommodation, and entry foyer refurbishment works at the Sydney Opera House.

**Applicant:** The Sydney Opera House Trust

**Consent Authority:** Minister for Planning

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

**Modification:** SSD 7665 (MOD 1): structural integrity works to the southern forecourt and covered concourse to allow for installation of an approved escalator

## SCHEDULE 2

The above approval is modified as follows:

1. Part A – Administrative Conditions – Condition A1 is amended by the deletion of ~~struck out~~ words and the insertion of **bold and underlined** words as follows:

The Applicant, in acting on this consent, must carry out the development:

- a) generally in accordance with the Environmental Impact Statement entitled 'Sydney Opera House Building Renewal Safety, Accessibility and Venue Enhancement Works and Entry Foyer Refurbishment', and accompanying appendices, prepared by Keylan Consulting Pty Ltd, dated September 2016;
- b) generally in accordance with the Response to Submissions entitled 'Sydney Opera House Building Renewal Program Safety, Accessibility, and Venue Enhancement Works and Entry Foyer Refurbishment (SSD 7665)', and accompanying appendices, prepared by Keylan Consulting Pty Ltd, dated 3 February 2017;
- c) **generally in accordance with Sydney Opera Housing Building Renewal Statement of Environmental Effects Section 4.55(1A) Modification 1 SSD 7665 and accompanying appendices, prepared by Keylan Consulting Pty Ltd, dated August 2018;**
- d) **generally in accordance with Response to Submissions – Modification for Sydney Opera House, Joan Sutherland Theatre Accessibility and Additional Works (SSD 7665 MOD1) and accompanying appendices, prepared by Keylan Consulting Pty Ltd, dated 25 October 2018;**
- e) in compliance with the conditions of this consent; and
- f) the following drawings:

<b>Entry Foyer Refurbishment Works</b>			
<b>Architectural (or Design) Drawings prepared by Tonkin Zulaikha Greer Architects</b>			
<b>Sheet No.</b>	<b>Revision</b>	<b>Name of Plan</b>	<b>Date</b>
A-0000	A	Cover Page	2/8/2016
A-0001	A	Location Plan (+30)	2/8/2016
A-0101	A	Demolition Level 1 Plan (+30)	2/8/2016
A-1001	A	Proposed Ground Floor Plan (+12)	2/8/2016
A-1002	A	Proposed Level 1 Plan (+30)	2/8/2016
A-1003	A	Proposed Level 2 Plan (+42)	2/8/2016
A-1201	A	Proposed Level 1 RCP (+30)	2/8/2016
A-2001	A	Wall Elevations 01	2/8/2016
A-2002	A	Wall Elevations 02	2/8/2016
A-2003	A	Wall Elevations 03	2/8/2016
A-6001	A	Utzon Escalator Detail Plans	2/8/2016
A-6002	A	Utzon Escalator Detail Sections	2/8/2016
A-6003	A	Lift 36 Plans GR +21 and L1 +30	2/8/2016
A-6004	A	Lift 36 Plans L2 (+42) and Roof (+51)	2/8/2016
A-9001	A	Finishes + Product Information	2/8/2016
<b>A002</b>	<b>1</b>	<b>Site Location Plan</b>	<b>18/12/2017</b>

<u>A100</u>	<u>3</u>	<u>General Arrangement Plans</u>	<u>27/6/2018</u>
<u>A200</u>	<u>4</u>	<u>N-S Sections</u>	<u>17/8/2018</u>
<u>A450</u>	<u>4</u>	<u>Escalator Plans and N-S Section</u>	<u>17/8/2018</u>
<u>A451</u>	<u>4</u>	<u>Escalator Details and E-W Sections</u>	<u>17/8/2018</u>
<u>S000</u>	<u>02</u>	<u>Structural Cover Sheet and Drawing List</u>	<u>2/5/2018</u>
<u>S001</u>	<u>02</u>	<u>Structural General Notes – Sheet 1</u>	<u>2/5/2018</u>
<u>S002</u>	<u>02</u>	<u>Structural General Notes – Sheet 2</u>	<u>2/5/2018</u>
<u>S010</u>	<u>04</u>	<u>Structural Utzon Escalator Details – Sheet 1</u>	<u>20/6/2018</u>
<u>S011</u>	<u>04</u>	<u>Structural Utzon Escalator Details – Sheet 2</u>	<u>20/6/2018</u>
<u>S015</u>	<u>05</u>	<u>Structural Thrust Block Details – Sheet 1</u>	<u>10/8/2018</u>
<u>S016</u>	<u>03</u>	<u>Structural Thrust Block Details – Sheet 2</u>	<u>10/8/2018</u>
<u>S017</u>	<u>01</u>	<u>Structural Thrust Block Details – Sheet 3</u>	<u>10/8/2018</u>

2. Part B – Prior to commencement of works – Condition B10 is amended by the deletion of ~~struck out~~ words/numbers and the insertion of **bold and underlined** words/numbers as follows:

B10 Prior to the certification of Crown Building Works, a photographic archival record of all areas undergoing works must be prepared in accordance with the document *How to Prepare Archival Records* by the Heritage Council of NSW, and submitted to the Heritage Council and the Department.

**With respect to the works the subject of Modification 1, this must be prepared in accordance with the document *Photographic Recording of Heritage Items using Film or Digital Capture* by the Heritage Council of NSW.**

3. Part B – Prior to commencement of works – Condition B19 is added by the insertion of **bold and underlined** words/numbers as follows:

**B19 Prior to the certification of Crown Building Works, a suitably qualified and experienced archaeologist who meets the Heritage Council Excavation Director Criteria for archaeological salvage of State significant sites must be engaged to oversee all works the subject of Modification 1.**

4. Part C – During Construction – Condition C20 is added by the insertion of **bold and underlined** words/numbers as follows:

**C20 An archival photographic recording of all the affected areas the subject of Modification 1 is to be undertaken during the cutting of the tie beams to document the changes occurring to the structure, in accordance with the Heritage Division document entitled, *Photographic Recording of Heritage Items using Film or Digital Capture*.**

5. Part D – Prior to Occupation or Commence of Use – Condition D4 is added by the insertion of **bold and underlined** words/numbers as follows:

**D4 An archival photographic recording of all the affected areas the subject of Modification 1 is to be undertaken after the cutting of the tie beams to document the changes occurring to the structure, in accordance with the Heritage Division document entitled, *Photographic Recording of Heritage Items using Film or Digital Capture*. The original copy of the archival record must be submitted to the Heritage Council of NSW within one month of completion of works.**

6. Part E – Post Occupation – Condition E4 is added by the insertion of **bold and underlined** words/numbers as follows:

**E4 A structural assessment must be submitted to the satisfaction of the Certifying Authority within 12 months following completion of the works the subject of Modification 1 to ensure any impacts to the structural integrity of the significant folded concrete beams are identified and appropriately addressed. This must be undertaken by a suitably qualified practising Structural Engineer, and a copy shall be submitted to the Heritage Council of NSW one month after its completion.**

**End of Modifications to SSD 7665 MOD 1**

## Appendix 3 - Letter of Notification to DEE

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25 September 2018

Mr. Hagen Ganahl  
Assistant Director  
Post Approval Section  
Compliance & Enforcement branch Environment Standards Division

Dear Mr Ganahl,

With reference to our EPBC Consent for the Sydney Opera House Building Renewal Program – Safety, Accessibility and Venue Enhancements (EPBC 2016/7825) and Sydney Opera House notification regarding the intention to commence the Lift 36 element of the approval.

Sydney Opera House confirms that work commenced on the Lift 36 project on 19 September 2018, pursuant to condition 7 of EPC 2016.7825.

Please let me know if you have any questions, or would like any further information.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Ian Cashen', with a long, sweeping underline.

Ian Cashen  
Director, Building, Safety and Security  
Sydney Opera House



## **Appendix 4 - Heritage Interpretation Strategy Implementation Report**

Renewal Interpretation Strategy - Action Plan as at July 2019

Ref	Project	Category	Description	Elements	Owner	Timing	Status at July 2019
<b>1.0 Precinct Information and Display</b>							
1.1	Welcome Centre Refresh Short-term	Display	Enable presentation of content on Welcome Centre North Wall that encompasses renewal interpretation themes and uses existing screen. Will provide additional content options beyond current single video to engage visitors with the breadth of the Opera House story with an emphasis on the 'Cultural Evolution' interpretation theme.	> Creative development > Content creation	Visitor Experience Engagement & Development	June-Dec 2018	This Action is being undertaken as part of the projects under the Protecting National Historic Sites grant awarded to the Sydney Opera House in 2018. Curator Sam Doust of Latchkey Services has been commissioned to develop the digital content with a working group from the Sydney Opera House and includes consultation with the Conservation Council. The new digital content is scheduled to be installed by 31 October 2019.
1.2	Welcome Centre Refresh Long-term	Display	Review and refresh redesign of Welcome Centre North and South Walls to reflect entire evolution of the Opera House from construction to end of Stage 1 Renewal (CH Renewal). Provide refreshed visual content in line with future use of the space.	> Design / Build (physical) > Technology > Creative development > Content creation	Visitor Experience Engagement & Development	2021-2022	A long term refresh of the Welcome Centre north wall was scoped in 2019. Due to costs and access issues in the area over during the current Renewal project, The Sydney Opera House has focussed on Action 1.1 - a short term refresh of the interpretation of the existing screens on the north wall of the Welcome Centre.
1.3	Box Office Lounge Content	Display	Showcase digital content and interpretation relating to the design, history and evolution of the Opera House in the Box Office Lounge	> Creative development > Content creation	Engagement & Development Visitor Experiences	In place	In October 2018 an exhibition was held in the Box Office lounge called Tubowgale. The exhibition focused on the Aboriginal heritage of the Sydney Opera House site and included digital screens and archaeological finds from the Opera House and the Australian Museum. Since late April 2019, an exhibition has been located in the Box Office lounge on John Coburn's the Curtain of the Sun and the Curtain of the Moon, the original house curtains for the Joan Sutherland Theatre and Drama Theatre respectively. The exhibition was curated by Sam Doust of Latchkey Services in association with the Sydney Opera House and John Coburn's family. The exhibition included prints of Max Dupain's images of the Curtains from 1973, reproductions of John Coburn maquettes for the Curtains, interpretive panels, a digital screen showing images of their creation in France and his family, and a plinth with object from his family and from the opening of the Sydney Opera House. The exhibition will be displayed until November 2018. The Coburn exhibition is also part of Action 1.8. In addition, photographic exhibitions have been held in Bennelong Passage, located in the Western Foyers of the Sydney Opera House. They included Utzon's Centenary on display from October 2018 to April 2019 showing Utzon's oeuvre and design inspiration and an additional exhibition of John Coburn's Curtains on display from late April to November 2019.
1.4	Renewal story-telling on digital screens (e.g. UTS)	Display	Showcase conservation and Renewal specific content and story-telling at key visitor transition and gathering points on existing digital promotional screens	> Content development > Content creation	Engagement & Development	Completed for 2017. For other construction periods as identified	Heritage is working with marketing for the development of conservation and Renewal content and story-telling on existing digital promotional screens. There are no further updates at this time.
1.5	Renewal Hoardings	Display	Use hoardings onsite to communicate conservation and building renewal information and key messages and facilitate visitor navigation onsite during construction	> Design > Physical installation	Engagement & Development	In line with construction periods	> Content was developed and implemented for the Joan Sutherland Theatre lift and passageway. It included content on the performing arts and interpretive panels about Renewal and the lift project. > Content was developed for the hoardings of the Yallamundi Rooms. It included a timeline of Renewal. > Content has been developed as part of the hoardings for Lift 36 at the Box Office level and Joan Sutherland Theatre southern foyer (internal and external). It includes interpretive content about the discovery of the archaeological remains, the history of the site including Fort Macquarie and the Tramcar House, and performances in the Joan Sutherland Theatre. > Content will be developed as part of the hoardings for the 'Under The Steps' (UTS) repaving project in the Covered Concourse. It will include a Renewal timeline and interpretive content on public spaces at SOH, such as the Forecourt.
1.6	Physical acknowledgement of Peter Hall onsite	Display	Provide physical acknowledgement of Peter Hall onsite recognising his role and contribution in shaping the design and heritage of the Opera House.	> Physical sign / plaque > Content / copy	Government Relations	2018-2019	SOH developed a draft rationale for the recognition of significant persons or groups of persons, including Peter Hall, for their association with or contribution to SOH. The rationale was endorsed by Council in November 2018, pending incorporation of feedback into the document.  Design 5 have been commissioned to develop high level principles for the recognition significant persons or groups of persons, including Peter Hall, based on CMP4 and the Utzon Design Principles.  SOH will develop a brief and commission a consultant to develop a study on options for physical or non-physical acknowledgments of significant persons onsite, initially focusing on Peter Hall. Consultation with representatives of Peter Hall's family and opusSOH (an association established to research, document and promote the history of Stage 3 of the design and construction of SOH from 1966-73) will also be undertaken to discuss the approach to recognition onsite and the progress to date.

Renewal Interpretation Strategy - Action Plan as at July 2019

Ref	Project	Category	Description	Elements	Owner	Timing	Status at July 2019
1.7	Western Broadwalk Photographic Exhibitions	Display	Install temporary photographic exhibitions on the Western Broadwalk or other temporary exhibition space on a minimum of <b>two</b> occasions, in conjunction with Renewal works milestones and other key events. For example World Monuments and Sites Day April 2018 and ICOMOS General Assembly November 2020.	> Physical signage	Government Relations	2018-2019	<p>No temporary exhibitions regarding renewal works or other key milestones have been installed on the Western Broadwalk since the Utzon Centenary exhibition in October 2018 as part of the SOH 45th anniversary activities.</p> <p>Interpretation and exhibition displays are being scoped for October 2020 to coincide with the 47th Anniversary of the Sydney Opera House and the ICOMOS General Assembly being held in Sydney.</p> <p>See Action 1.3 in relation to exhibits in the Bennelong Passage and Box Office Lounge for exhibitions in other locations.</p>
1.8	Coburn Tapestries Exhibition and Interpretation Plan	Display	Develop and implement Exhibition and Interpretation Plan for the Coburn Tapestries (Curtain of the Sun and Curtain of the Moon), including physical and digital exhibition and conservation.	<ul style="list-style-type: none"> <li>&gt; Exhibition</li> <li>&gt; Interpretation (digital content + infrastructure)</li> <li>&gt; Events</li> </ul>	Government Relations Engagement & Development	2018-2019	<p>SOH held an exhibition of John Coburn's tapestries the Curtain of the Sun and the Curtain of the Moon on 22 May 2018. Several activities were undertaken in the lead up to and day of the exhibition:</p> <ul style="list-style-type: none"> <li>- Public exhibition of the Coburn tapestries in their original locations on 22 May 2019;</li> <li>- Free SOH guide led public tours to showcase the Coburn tapestries to the public;</li> <li>- Development of merchandise inspired by the Curtain of the Sun and Curtain of the Moon;</li> <li>- Development of three Google Culture And Arts online exhibits about the Curtains and John Coburn, as part of the SOH site.</li> <li>- Two physical exhibitions showcasing interpretive content on the Curtains in the Bennelong Passage and Box Office Lounge;</li> <li>- Development and implementation of a Marketing and Communications Strategy to promote the event and communicate the history and significance of the Coburn tapestries to a wide audience;</li> <li>- A morning media call to promote the event and communicate the history and significance of the Coburn tapestries to a wide audience;</li> <li>- An evening stakeholder event to celebrate the public exhibition, engage our stakeholders, and encourage donors to support subsequent exhibitions;</li> <li>- Engagement with the Coburn family, who now comprise the Coburn Estate regarding the event.</li> </ul> <p>It was a successful event. Those who viewed the Curtains included:</p> <ul style="list-style-type: none"> <li>- 2,000 patrons on the SOH Essentials Tours.</li> <li>- 550 members of the public on 28 free guided viewings, with two specialist tours for heritage stakeholders, including members of the International Council of Monuments and Sites (ICOMOS) and the Australian Decorative and Fine Arts Society.</li> <li>- 160 stakeholders, including government, corporate partners, donors and members of the heritage, architecture and arts communities, as part of an evening event to celebrate the curtains.</li> <li>- 260 staff members while the curtains were being installed.</li> </ul> <p>SOH is scoping an exhibition for 2020, a short term hang of the Curtains, and the implementation of several conservation actions (e.g. cleaning) that were identified during the 2019 exhibition.</p>
1.9	Visual Art Program Integration	Strategy	Consider and integrate conservation and Renewal themes into Digital Visual Art Program development planning 2017-2018, identifying long-term opportunities for creative interpretation and display onsite.	TBC aligned with Exhibition and Interpretation Plan	Engagement & Development	2018-2019	Nil to report.

Renewal Interpretation Strategy - Action Plan as at July 2019

Ref	Project	Category	Description	Elements	Owner	Timing	Status at July 2019
<b>2.0 Visitor Experiences</b>							
2.1	Guided Tour content - existing tour script/messaging	Experience	Guided Tour content encompasses conservation and Renewal stories and information in line with evolving program of works: Renewal-project messages and stories scripted and included in tour script	> Content / Messaging	Visitor Experiences Engagement & Development	Ongoing	This Action is being undertaken as part of the projects under the Protecting National Historic Sites grant awarded to the Sydney Opera House in 2018. The regular tour has been refreshed to reflect the interpretive themes of the Renewal Interpretation Strategy and new research that has come to light in the last 5 years on the role and significance of Peter Hall in the completion of the building and the site's Indigenous heritage.  A revised tour script and tour video (narrated in several languages) is scheduled to be completed in August 2019 and implemented in September 2019.
2.2	Guided Tour content - new content	Experience	Guided Tour content encompasses conservation and Renewal stories and information in line with evolving program of works: Incorporate conservation and Renewal interpretation themes and messages into Tours video content refreshes	> Content development > Content creation	Visitor Experiences Engagement & Development	2019 (TBC)	See Action 2.1.  This Action is partially being supported by a Protecting National Historic Sites grant awarded to the Sydney Opera House in 2018. A new Indigenous-focused tour is being scoped. It was identified that there is a lack of information and resources about the Indigenous significance of Bennelong Point and surrounds.  Dr Paul Irish, historian, has been commissioned to develop a preliminary history, including initial consultation with the local Aboriginal community, and a catalogue of resources. The draft report is expected to be delivered in October 2018. Additional consultation and interviews will be undertaken with the Aboriginal community and the history report is expected to be completed in 2020. After consultation and development of the history report, it is anticipated the information will be able to be used by the SOH for interpretive initiatives including a new tour. The aim will be for the Tour to be scoped and implemented in 2020.
2.3	Welcome Team messaging	Experience	Develop a suite of engaging stories and information, aligned to conservation and Renewal Interpretation Themes for the onsite Welcome Team to use in day-to-day visitor interactions.	> Content / Messaging	Visitor Experiences Engagement & Development	2018 +	Information and messaging about the Decade of Renewal are provided by Welcome Team to any interested visitors when asked. Further development and updates will be provided as Renewal continues.
2.4	Architectural 'Evolutions of the Opera House' Experience	Experience	Develop and trial Architectural 'Evolutions of the Opera House' Experience, focusing on in-depth information on the history, heritage, conservation and influences on the Opera House	TBC subject to creative development	Visitor Experiences Engagement & Development	2018-19	A specialised tour focussed on the architecture and design of SOH will be scoped further in 2020. Tours will continue discussions with an external tour provider regarding this content.  A bespoke tour is under development for the delegates of the ICOMOS General Assembly in October 2020 with the support of Alan Croker, Design 5. This product is being created to be on sale from June 2020.  The immersive digital experience (Action 2.6) is an addition to the regular tours during Concert Hall closure in 2020-2022, included in it will be imagery of the history and evolution of the Sydney Opera House, and the Renewal of the Concert Hall and its ongoing conservation.
2.5	Opera House Renewal retail product	Experience	Create, produce and distribute a range of Opera House Renewal retail product to raise awareness and engagement of visitors during and post-visit. Scope and nature of product TBC. Integrate into pipeline for product development / broader retail strategy	> Design / Creative > Product development > Manufacture	Visitor Experiences	2019-2021	Merchandise was produced that is inspired by John Coburn's Curtain of the Sun and Curtain of the Moon. It includes tote bags, notebooks and magnets. These retail items were launched for the Coburn tapestries exhibition in May 2019 and have proved popular.  The retail team have worked hard to ensure merchandise within the stores reflects the brand and is inspired by the building and the creativity within it. Individually designed pieces including homewares and stationary have been selected for their connections with the building materials and brand.
2.6	Concert Hall Closure Immersive Digital Experience	Experience	Scope and develop a minimum of one immersive virtual Opera House experience onsite during the Concert Hall Renewal (e.g. 360° projection experience). Project aims to use existing unused 'White Box' space off central passage (internal space).	> Creative development > Repurposing / design and fitout of physical space > Technology and infrastructure to deliver creative > Content creation and delivery > Operational planning / logistics	Visitor Experiences Engagement & Development	2019-2022	Creative agency 'Artists in Motion' was appointed through select tender process to develop the content and venue of the Tours Immersive Digital Experience. A space has been selected to be repurposed for the experience next to the Western Foyers. Work is being undertaken to design the space and develop interpretive content, with a focus on the Concert Hall. The experience is expected to be operational in April 2020.
2.7	Self-guided interpretation experience	Experience	Scope and develop proposal for self-guided discovery / interpretation experience for visitors that will complement existing tours and provide meaningful interpretation of the evolution of the building, precinct and surrounding area/. Focus may be on the exterior of the site and using story-telling to allow visitors to find, understand and connect with significant locations on site and their meaning.	> Creative development > Content development > Content creation > Technology / infrastructure	Visitor Experiences Engagement & Development	2018-2019 (scoping) 2020 + (implement)	Nil to report. Due to the other projects being undertaken within the Tours department, this project has been put on hold and will be resumed in 2020.

Renewal Interpretation Strategy - Action Plan as at July 2019

Ref	Project	Category	Description	Elements	Owner	Timing	Status at July 2019
<b>3.0 Digital Channels</b>							
3.1	Renewal story-telling on SOH website /digital channels	Digital	Maintain up-to-date, compelling and informative Renewal content on Sydney Opera digital channels, including: > Dedicated Renewal webpage encompassing information and interpretation of key projects – past, present and future. > House History webpage, including biographical information on architects Jørn Utzon and Peter Hall and their conservation processes and practices > Renewal timeline providing overview and information on projects. > Sharing of editorial content encompassing Renewal-related themes, stories and conservation works > Integration of Renewal interpretation stories and messages into onsite digital communications and information.	> Content development > Content creation	Engagement & Development	Ongoing	The Opera House has undertaken the following stories and information on Opera House digital channels on renewal and conservation content over the past year including: - Several stories on the Opera House focusing on the completion of the passageway and lift in the Joan Sutherland Theatre as part of Renewal upgrades - Renewal status updates including site entry project, repaving the covered concourse, and the archaeological remains of Fort Macquarie and the Tramcar House discovered during the construction of lift 36. - Video fly-through content showcasing the accessibility upgrades to the Joan Sutherland Theatre were shared on social channels. - Content relating to the exhibition on John Coburn's Curtain of the Sun and Curtain of the Moon. - Several stories appeared on the exhibition documenting the history of the tapestries and what a significant moment it is to be displaying them again. This was also displayed on the Opera House's website, blog and social media channels. Google Cultural Institute content pages were also created for each of the Coburn Tapestries. - Several stories on the launch of the Opera House's Yallamundi Rooms (function and events space) which was a key project to be delivered as part of Renewal and included the removal of the functions marquee from the north-eastern Broadwalk. Several stories appeared on the completion of the project on soh.com and SOH social media channels which included imagery and video content of the new space.
3.2	Digital Classroom Experiences	Digital	Assess and identify opportunities to integrate Renewal Interpretation stories and content into Opera House Digital Classroom Experiences, including digital tours and workshops.	> Content development > Content creation	SOHP Government Relations Engagement & Development	2018 and ongoing	Creative Learning are currently scoping the development of a digital classroom or online program about the Opera House relating to the NSW primary school STEAM (science, technology, engineering, arts and maths) curriculum. Creative learning are also scoping a program using the Utzon Design Principles in a Minecraft workshop at SOH in 2019.
3.3	Stage 1 Renewal Photographic Records	Digital	Capture photographic and film records of the Stage 1 Renewal works in line with the New South Wales Heritage Office Guidelines <i>Photographic Recording of Heritage Items Using Film or Digital Capture (2006)</i> , for archival purposes and use in interpretation projects	> Content capture and storage	Building	May 2017 - 2022	Archival photography and video have been undertaken for renewal works including: - Archival imagery of the Joan Sutherland Theatre Northern Foyer lift and passageway - Archival imagery of the Yallamundie Rooms during construction and on completion of the project - Archival imagery will be taken for Site Entry and Coverer concourse repaving works over the coming months. - Archival imagery of the archaeological finds as part of the Lift 36 works. - Preliminary photos of the tours digital immersive experience location areas have been captured for archival records.  The archival footage is being used as interpretive content in the tours digital immersive experience and the digital screens at the north wall of the Welcome Centre.
3.4	Google Cultural Institute content	Digital	Maintain and evolve the Sydney Opera House collection on the Google Cultural Institute, including interactive exhibits reflecting the Renewal and broader Sydney Opera House interpretation themes.	> Content development > Content creation	Engagement & Development	2018 and ongoing	Three new Google Cultural Institute exhibits on John Coburn's Curtain of the Sun and Curtain of the Moon were launched in April 2019 on their history and significance to the Sydney Opera House.
3.5	Building heritage and conservation projects	Digital	Continue to showcase information and content from key building heritage and conservation projects, including the Getty Concrete Conservation Project.	> Content capture and storage > Content development > Content creation	Building	Ongoing	Management continue to showcase the Renewal and conservation projects including: - A public-facing report about the Getty Concrete Conservation Project is being prepared for publication by the Getty Foundation on an information-sharing platform for Keeping It Modern grant recipients - Joan Sutherland Theatre lift and passageway was shortlisted for a National Trust Heritage Award. - Scott Carver, the architects of the Joan Sutherland Theatre passageway and lift, were awarded the NSW Architecture Institute of Australia award in the small projects category - Management nominated the Joan Sutherland Lift and Passageway for a UNESCO Asia Pacific Heritage Award. - Ian Cashen, Director Building Safety and Security submitted a paper that was read at the International Scientific Symposium on Safety and Heritage in Portugal, May 2019 on security upgrades including the site entry works. - Jade McKellar (Director Visitor Experiences) and Laura Matarese ( Planning and Heritage Policy Officer) will present on World Heritage and Tourism at the Sydney Opera House to the Australian World Heritage Forum on 25 September 2019. - Laura Matarese will present on interpretation projects in the decade of renewal at the SOH with a focus on the John Coburn tapestries exhibition.

## Appendix 5 - Examples of hoardings used during construction

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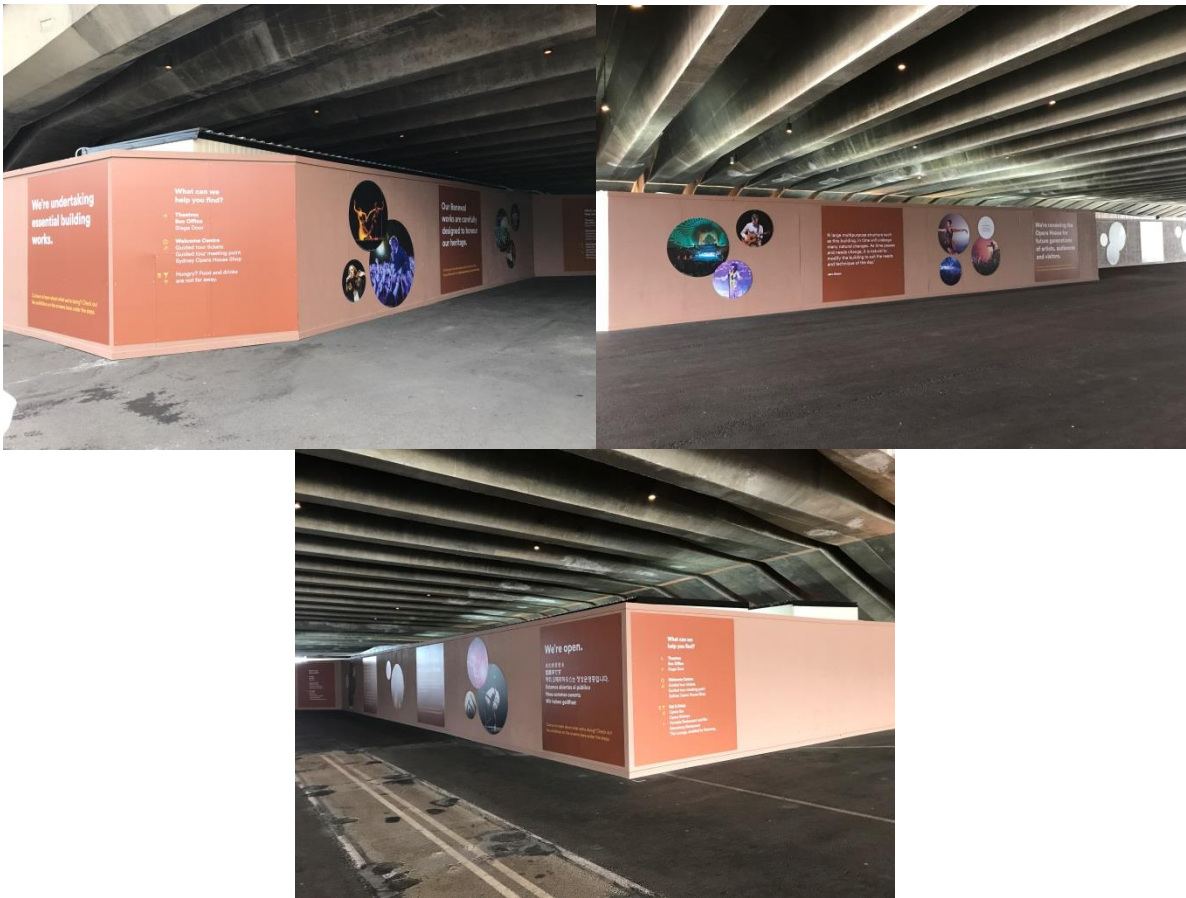
**SAVE project – JST Entry:**



**Key messaging:**

We're renewing the Opera House for future generations of artists, audiences and visitors

## Undercover concourse/site shed:



### Key messaging:

- We're undertake essential building works
- Honouring our Heritage
- Future of the Opera House
- We're Open
- Directional signage

## JST Northern Foyer:



### Key messaging:

- We're renewing the Joan Sutherland Theatre for future generations.
- We appreciate your support while we complete these essential upgrades
- We're creating a more welcoming, inspiring and accessible Opera house
- Directional signage



**Function Centre:**

Key messaging:

Renewing the Sydney Opera House for future generations

Timeline of activities