



18 December 2019

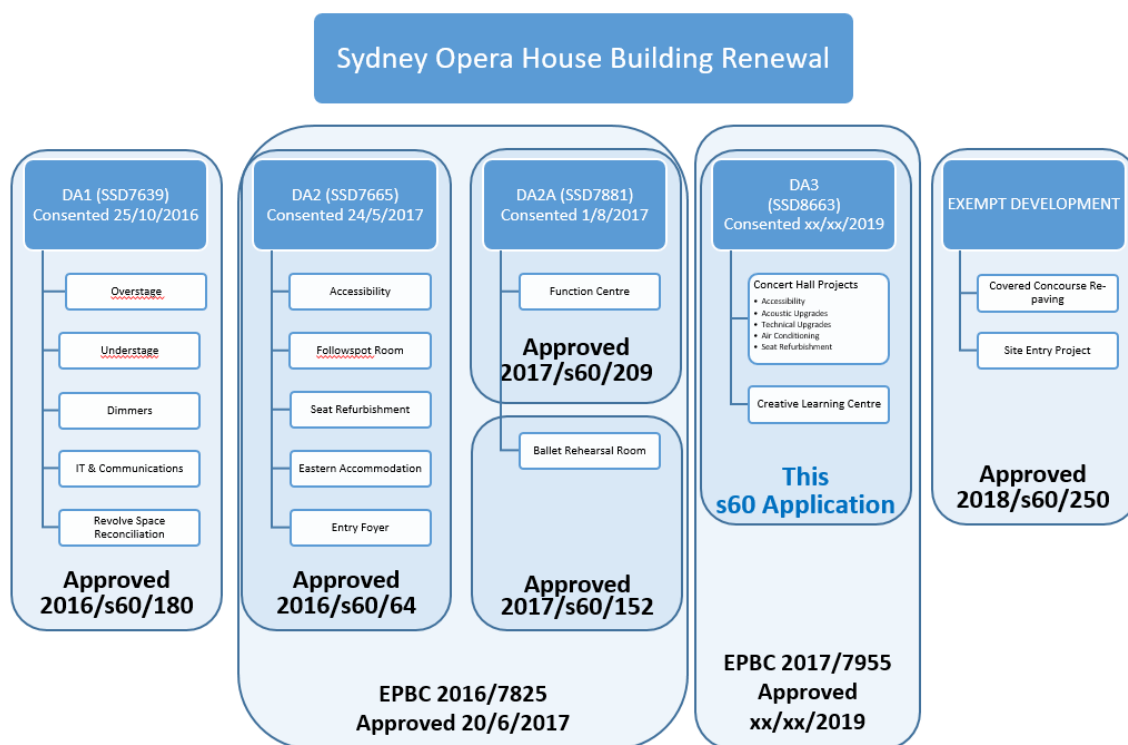
Mr Tim Smith OAM  
Director Heritage Operations  
Heritage Division  
Level 6, 10 Valentine Avenue  
PARRAMATTA NSW 2150

Dear Mr Smith

**Sydney Opera House Renewal - SSD8663 Concert Hall & Creative Learning Centre –  
Application under s60 of the Heritage Act 1977 (NSW)**

Please find attached a Section 60 application (Attachment 1) for the Opera House Building Renewal Program, for the Concert Hall and Creative Learning Centre projects.

This application follows a number of prior Section 60 approvals for various projects of the Building Renewal Program, as detailed in Figure 1.



**Figure 1 - Sydney Opera House Building Renewal Statutory Approval Status**

This application covers the Concert Hall and Creative Learning Centre projects. These projects comprise the State Significant Development Application SSD8663 and the EPBC Referral EPBC 2017/7955. Development consent for SSD8663 is expected imminently and a copy will be forwarded on receipt (Attachment 2). Approval of EPBC 2017/7955 is expected to be granted imminently and a copy will be forwarded on receipt. (Attachment 3).

By way of background, we note that the subject proposal SSD 8663 was originally submitted to DPIE on 19 October 2018, and then publicly exhibited over the period from 1 to 28 November 2018. Prior to submission, the subject proposal underwent a significant process of review, refinement and consultation by SOH's design team, Trust advisory bodies including the Conservation Council (CC) and Design Advisory Panel (DAP), the Heritage Council (HC), Heritage Division and a wide range of stakeholders from the architectural and heritage community.

Following the HC's response to SSD 8663 on 20 February 2019, SOH has once again undertaken a significant review of the proposal to resolve key issues raised by the HC. . This resulted in a number of minor changes, but also two significant deductions from the proposal, namely a second lift in the northern foyers and the new intake hood on the western façade of SOH. SOH also undertook a further assessment of the aggregated impacts of the proposal, in collaboration with DPIE, HC and your office.

In making these changes, SOH also undertook further consultation with CC, DAP, members of your office, and representatives of the HC; with meetings held on 12 April 2019 (teleconference), 23 May 2019 (at OEH, and attended by HC delegate and representatives of DPIE), and 14 June 2019 (OEH and HC delegates). Following this consultation SOH prepared a comprehensive response to HC's submission dated 20 February 2019. This RtS set out the SOH's position in respect of the issues raised, having been carefully considered and discussed during the meetings noted above.

Our comprehensive response was provided to DPIE on 4 July 2019. Since that time, and on the basis of positive discussions with all stakeholders, we have proceeded with detailed planning for the project, including making workforce arrangements and contracting with a head builder and specialist machinery contractor. This planning has been carried out on the basis of a construction closure period commencing in February 2020, less than 2 months from now.

The attached submission reflects the amended proposal as described in our response to submissions on 4 July 2019. On 19 August 2019 and 16 October 2019, we received a further response from the HC, which provided further comments on matters of State, National and World heritage significance.

The SOH received draft conditions for the SSD approval on 6 November 2019. The draft conditions include the following:

*B18. 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 final finishes for the passageway and south wall of the Caves area;*
- (b) northern foyer lift, including the detail of the extension of the two cranked beams connecting to the new lift;*
- (c) handrails and the 'kit of parts';*
- (d) the final colour and design of the over-stage reflectors, to be prototyped in situ in the Concert Hall and approved by the Opera House's Conservation Council, Design Advisory Panel, and heritage architect;*
- (e) clarification of the extent of removal of box fronts including the rear wall of side boxes, rear wall of stalls and upper and lower circles to understand whether samples of 1973 box fronts can be retained in situ and if new panels can overlay original materials and forms, and clarification of the final detail design of the laminated brushbox panels;*
- (f) clarification on the extent of the original bronze guard rail proposed to be removed to make way for accessible seating and retention of this, where possible;*
- (g) details of the construction methodology for the sidewall reflector panels and acoustic drape mechanisms;*
- (h) details of the final speaker system;*
- (i) air conditioning cannon port openings, including a full-sized mock-up to be assembled before the works commence;*
- (j) details of the penetrations in the Concert Hall ceiling;*
- (k) reconfiguration of the side foyers;*
- (l) final finishes to be used in the anteroom and orchestra assembly room;*
- (m) the Creative Learning Centre ramp and doors at the entry from the western broadwalk;*
- (n) concrete finishes throughout the various areas of the proposal, subject to the endorsement of the Heritage Architect, in consultation with the Design Advisory Panel (DAP), Conservation Council (CC) and Heritage Council delegate;*
- (o) significance assessments of equipment proposed to be removed to determine what pieces will be retained in the Sydney Opera House's collections;*
- (p) fixtures and fittings in dressing room facilities to determine retention, reuse and incorporation of significant elements into new areas.*

We have therefore prepared the following additional submission addressing these draft SSD conditions, along with the Heritage Council's previous submissions.

We look forward to your timely approval of this application.

Yours sincerely,



**Ian Cashen**

Executive Director Building, Safety & Security

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**Application Contents**

This application under Section 60 of the Heritage Act, comprises this covering letter and the application form (Attachment 1), supported by the following Attachments:

Attachment	
1.	Section 60 Application Form
2.	SSD8663 Development Consent
3.	EPBC 2017/7955 Approval (To be provided on receipt from the Commonwealth)
4.	SSD8663 Approved Drawings (To be forwarded on receipt from DPIE)
5.	Supplementary Information re Key Project Components "At Rest" Policy
6.	Additional Renders of Key Project Components
7.	Additional Project Drawings
8.	Heritage Impact Statement
9.	Response to Heritage Council Submission
10.	Bronze Componentry Project <ul style="list-style-type: none"><li>• Volume 1 Design Investigations</li><li>• Volume 2 Design Manual</li></ul>
11.	Audit of Peter Hall Public Toilets and Dressing Rooms (Draft only, final to be forwarded as soon as it is complete)



**ATTACHMENT 1: Section 60 Application Form**



## **A0TTACHMENT 2: SSD8663 Development Consent**



## **ATTACHMENT 3: EPBC 2017/7955 Approval**



## ATTACHMENT 4: SSD8663 Approved Drawings

<b>Works to the Concert Hall</b> Architectural Drawings prepared by ARM Architecture			
Sheet No.	Revision	Name of Plan	Date
DA0100	F	Location Plan	05/08/2019
DA0301	D	Internal Materials Finishes Schedule pages 1 – 19	05/10/2018
DA0302	D	External Materials & Finishes Schedule pages 1 – 4	05/10/2018
DA0310	F	Door Schedule	05/08/2019
DA0320	F	Signage Schedule	05/08/2019
DA0410	F	Wall Types Schedule	05/08/2019
DA0411	F	Floor Types Schedule	05/08/2019
DA0412	F	Ceiling Types Schedule	05/08/2019
DA0703	F	Demolition Plan – Ground Level +12	05/08/2019
DA0705	F	Demolition Plan – Level 1 +30	05/08/2019
DA0706	F	Demolition Plan – Level 2 +42	05/08/2019
DA0707	F	Demolition Plan – Level 3 +51	05/08/2019
DA0708	F	Demolition Plan – Level 4 +61	05/08/2019
DA0709	F	Demolition Plan – Level 5 +70	05/08/2019
DA0710	F	Demolition Plan – Level 6 +85	05/08/2019
DA0711	F	Demolition Plan – Level 7 +100	05/08/2019
DA0712	F	Demolition Plan – Level 7A	05/08/2019
DA0713	F	Demolition Plan – Level 8 +115	05/08/2019
DA0714	F	Demolition Plan – Level 9 +130	05/08/2019
DA0715	F	Demolition Plan – Level 10 +140	05/08/2019
DA0725	F	Demolition Reflected Ceiling Plan – Level 1 +30	05/08/2019
DA0726	F	Demolition Reflected Ceiling Plan – Level 2 +42	05/08/2019
DA0727	F	Demolition Reflected Ceiling Plan – Level 3 +51	05/08/2019
DA0729	F	Demolition Reflected Ceiling Plan – Level 5 +70	05/08/2019
DA0730	F	Demolition Reflected Ceiling Plan – Level 6 +85	05/08/2019
DA0731	F	Demolition Reflected Ceiling Plan – Level 7 +100	05/08/2019
DA0800	F	Demolition Section A-A	05/08/2019
DA0801	F	Demolition Section B-B	05/08/2019
DA0802	F	Demolition Section C-C	05/08/2019
DA1203	F	General Arrangement – Floor Plan – Ground Level +12	05/08/2019
DA1205	F	General Arrangement – Floor Plan – Level 1 +30	05/08/2019
DA1206	F	General Arrangement – Floor Plan – Level 2 +42	05/08/2019
DA1207	F	General Arrangement – Floor Plan – Level 3 +51	05/08/2019
DA1208	F	General Arrangement – Floor Plan – Level 4 +61	05/08/2019
DA1209	F	General Arrangement – Floor Plan – Level 5 +70	05/08/2019
DA1210	F	General Arrangement – Floor Plan – Level 6 +85	05/08/2019
DA1211	F	General Arrangement – Floor Plan – Level 7 +100	05/08/2019
DA1212	F	General Arrangement – Floor Plan – Level 7A	05/08/2019





DA1213	F	General Arrangement – Floor Plan – Level 8 +115	05/08/2019
DA1214	F	General Arrangement – Floor Plan – Level 9 +130	05/08/2019
DA1215	F	General Arrangement – Floor Plan – Level 10 +140	05/08/2019
DA1503	F	Reflected Ceiling Plan – Ground Level +12	05/08/2019
DA1505	F	Reflected Ceiling Plan – Level 1 +30	05/08/2019
DA1506	F	Reflected Ceiling Plan – Level 2 +42	05/08/2019
DA1507	F	Reflected Ceiling Plan – Level 3 +51	05/08/2019
DA1509	F	Reflected Ceiling Plan – Level 5 +70	05/08/2019
DA1510	F	Reflected Ceiling Plan – Level 6 +85	05/08/2019
DA1511	F	Reflected Ceiling Plan – Level 7 +100	05/08/2019
DA1513	F	Reflected Ceiling Plan – Level 8 +115	05/08/2019
DA1514	F	Reflected Ceiling Plan – Level 9 +130	05/08/2019
DA2102	F	Elevation – East	05/08/2019
DA2103	F	Elevation - West	05/08/2019
DA3000	F	Section A-A	05/08/2019
DA3001	F	Section B-B	05/08/2019
DA3002	F	Section C-C	05/08/2019
DA3150	F	Sections – Stage	05/08/2019
DA3151	F	Detail Section – Stage Portal Frame	05/08/2019
DA5010	F	Detail Area – Stairs – Level 1	05/08/2019
DA5020	F	Detail Area – Stairs – Level 2	05/08/2019
DA5030	F	Detail Area – Stairs – Level 3	05/08/2019
DA5120	F	Detail Plans 1 – Lift 30	05/08/2019
DA5121	F	Detail Plans 2 – Lift 30	05/08/2019
DA5122	F	Detail RCPS – Lift 30	05/08/2019
DA5123	F	Detail Elevation 1 – Lift 30	05/08/2019
DA5124	F	Detail Elevation 2 – Lift 30	05/08/2019
DA5126	F	Detail Area – Sections – Lift 30	05/08/2019
DA5210	F	Detail Area – Dressing Room 58 L1-02 – Level 1 +30	05/08/2019
DA5211	F	Detail Area – Male Performer Amenities L1-AM-02 & Unisex Accessible WC L1-05	05/08/2019
DA5214	F	Detail Area – Dressing Room 75 L1-AM-10, Bath L1-AM-11 & Access Bath L1-AM-12 – Level 1 +30	05/08/2019
DA5215	F	Detail Area – Dressing Room 76 L1-AM-07 & Access Bath L1-AM-08 – Level 1 +30	05/08/2019
DA5220	F	Detail Area – Amenities – Level 2	05/08/2019
DA5230	F	Detail Area – Unisex Access L3-01 & L3-02 – Level 3 +51	05/08/2019
DA5310	F	Detail Plan – Orchestra Assembly Room L1-OA-01 – Level 1 +30	05/08/2019
DA5311	F	Detail RCP – Orchestra Assembly Room L1-OA-01 – Level 1 +30	05/08/2019
DA5312	F	Interior Elevations 1 – Orchestra Assembly Room L1-OA-01 – Level 1 +30	05/08/2019
DA5313	F	Interior Elevations 2 – Orchestra Assembly Room L1-OA-01 – Level 1 +30	05/08/2019
DA5320	F	Detail Area – Auditorium Stage – Level 2 +42	05/08/2019
DA5321	F	Detail Plan – Ante Room, Prompt & Opposite Prompt – Level 2 +42	05/08/2019
DA5322	F	Detail RCP – Ante Room, Prompt & Opposite Prompt – Level 2	05/08/2019



		+42	
DA5323	F	Interior Elevations - Ante Room, Prompt & Opposite Prompt – Level 2 +42	05/08/2019
DA5324	F	Detail Section – Ante Room – Level 2	05/08/2019
DA5325	F	Detail Plans – East Passageway – Level 2 +42	05/08/2019
DA5326	F	Interior Elevations – East Passageway – Level 2 +42	05/08/2019
DA5327	F	Details Sections – East Passageway – Level 2 +42	05/08/2019
DA5328	F	Detail Area – Stalls Seating – Level 2 +42	05/08/2019
DA5329	F	Detail Plan and RCP – Accessible Theatre Entries – Level 2 +42	05/08/2019
DA5330	F	Interior Elevations – Accessible Theatre Entries – Level 2 +42	05/08/2019
DA5331	F	Detail Area – Timber Acoustic Diffusion Panels – Box Fronts	05/08/2019
DA5332	F	Detail Area – Timber Acoustic Diffusion Panels – Western CH Peripheral Walls	05/08/2019
DA5333	F	Detail Area – Timber Acoustic Diffusion Panels – Eastern CH Peripheral Walls	05/08/2019
DA5334	F	Detail Plans – Acoustic Diffusion & Absorption – Stage Surround, Upper and Lower Circles	05/08/2019
DA5335	F	Detail Elevations – Acoustic Diffusion & Absorption – Stage Surround, Upper & Lower Circles	05/08/2019
DA5340	F	Detail Area – Upper Circle and Choir Stalls Seating	05/08/2019
DA5341	F	Detail Area – Circle Box Seating – Level 4	05/08/2019
DA5343	F	Detail Elevations – FCU Timber Panels	05/08/2019
DA5350	F	Detail Elevations – East Canon Port Gallery – Level 5 & 6	05/08/2019
DA5351	F	Detail Elevations – West Canon Port Gallery – Level 5 & 6	05/08/2019
DA5360	F	Detail Area – Acoustic Reflectors – Set Out – Level 6	05/08/2019
DA5361	F	Details – Acoustic Reflectors – Level 6	05/08/2019
DA5370	F	Detail Area – Acoustic Drapes – Typical Layout – Crown	05/08/2019
DA5371	F	Detail Area – Acoustic Drapes – Typical Layout	05/08/2019
DA5372	F	Detail RCP – Concert Hall 1	05/08/2019
DA5373	F	Detail RCP – Concert Hall 2	05/08/2019
DA5374	F	Detail Plan – Tech Zone	05/08/2019
DA5375	F	Detail RCP – Concert Hall 3	05/08/2019
DA5376	F	Detail RCP – Tech Zone	05/08/2019
DA5377	F	Detail Area – Tech Zone – East & West Access Doors	05/08/2019
DA5378	F	Detail RCP – Concert Hall – Crown	05/08/2019
DA5380	F	Detail Area – Portal Frame – Level 4	05/08/2019
DA5400	F	Detail Area – Dressing Room and Locker Room Joinery	05/08/2019
DA5510	F	Detail Area – Entry L1 – Platform Lift 37 – Level 1 +30	05/08/2019
DA5511	F	Detail Area – Rack Room L1-RR-01 – Level 1	05/08/2019
DA5512	F	Detail Area – Airlock L1-AM-13 & Store L1-ST-01 – Level 1 +30	05/08/2019
DA5513	F	Detail Area – Locker Room L1-LR-01 – Level 1 +30	05/08/2019
DA5530	F	Detail Area – West Rack Room L3-06 & East Rack Room L3-05 – Level 3 +51	05/08/2019
DA5560	F	Detail Area – Concert Hall Above Ceiling Fire Egress	05/08/2019
DA5600	F	Detail Area – Balustrades and Handrails 1 – Northern Foyer	05/08/2019



DA5601	F	Detail Area – Balustrades and Handrails 2 – Northern Foyer	05/08/2019
DA5602	F	Detail Area – Balustrades and Handrails 3 – Eastern Foyer	05/08/2019
DA5603	F	Detail Area – Balustrades and Handrails 4 – Western Foyer	05/08/2019
DA5604	F	Detail Area – Balustrade and Handrails 5 – Concert Hall	05/08/2019
<b>Works to the Creative Learning Centre</b>			
<b>Architectural Drawings prepared Tonkin Zulaikha Greer Architects</b>			
<b>Drawing No.</b>	<b>Revision</b>	<b>Name of Plan</b>	<b>Date</b>
A-0001	A	Site Location Plan	09/08/2016
A-0101	B	Demolition Ground Floor Plan (+12)	17/11/2017
A-1001	C	Proposed Ground Floor Plan (+12)	17/11/2017
A-1201	B	Demolition Ground Floor RCP (+12)	17/11/2019
A-1202	B	Proposed Ground RCP (+12)	17/11/2019
A-2001	B	Sections 1	17/11/2017
A-2002	B	Sections 2	17/11/2017
A-2003	B	Sections 3	17/11/2017
A-2101	B	Detail Section	17/11/2017
A-3001	C	External Elevations	17/11/2017
A-9001	C	Finishes and Product Info	13/12/2017



**ATTACHMENT 5: Additional Information re Key Project Components  
“At Rest” Policy**



## **ATTACHMENT 6: Additional Renders of Key Project Components**

SK- ARM-9243 Section 60 Beam Renders
ARM-SK-9230 PASSAGEWAY AS SUBMITTED LOOKING NORTH
ARM-SK-9231 PASSAGEWAY REVISED LOOKING NORTH
ARM-SK-9231 PASSAGEWAY REVISED LOOKING NORTH
ARM-SK-9233 PASSAGEWAY REVISED LOOKING NORTH FROM CAVE
ARM-SK-9234 PASSAGEWAY AS SUBMITTED DIAGRAMMATIC VIEW
ARM-SK-9235 PASSAGEWAY REVISED DIAGRAMMATIC VIEW
ARM-SK-9236 PASSAGEWAY COMPARISON DIAGRAMMATIC VIEW
ARM-SK-9237 PASSAGEWAY AS SUBMITTED VIEW TO ENTRY - CARPET EXTENT
ARM-SK-9238 PASSAGEWAY REVISED VIEW TO ENTRY - CARPET EXTENT
ARM-SK-9239 PASSAGEWAY REVISED VIEW WITHIN ENTRY - CARPET EXTENT



## ATTACHMENT 7: Additional Project Drawings

1.	33-BR-TP002-TA110 - VARIABLE ACOUSTIC LAYOUT - LEVEL 3.pdf
2.	33-BR-TP002-TA130 - VARIABLE ACOUSTIC LAYOUT - OPERABLE WALL REFLECTORS PLAN.pdf
3.	33-BR-TP002-TA140 - VARIABLE ACOUSTIC LAYOUT - ACOUSTIC DRAWER BANNER PLAN.pdf
4.	33-BR-TP002-TA150 - VARIABLE ACOUSTIC LAYOUT - CROWN BANNERS PLAN.pdf
5.	33-BR-TP002-TA230 - VARIABLE ACOUSTIC LAYOUT - OPERABLE WALL REFLECTORS 3D DETAIL.pdf
6.	33-BR-TP002-TA231 - VARIABLE ACOUSTIC LAYOUT - OPERABLE WALL REFLECTORS 3D VIEW.pdf
7.	33-BR-TP002-TA240 - VARIABLE ACOUSTIC LAYOUT - ACOUSTIC DRAWER BANNERS 3D DETAIL.pdf
8.	33-BR-TP002-TA241 - VARIABLE ACOUSTIC LAYOUT - DRAWER BANNER 3D VIEWS.pdf
9.	33-BR-TP002-TA330 - VARIABLE ACOUSTIC LAYOUT - OPERABLE WALL REFLECTORS ELEVATIONS.pdf
10.	33-BR-TP002-TA340 - VARIABLE ACOUSTIC LAYOUT - DRAWER BANNER SECTION.pdf
11.	33-BR-TP002-TA341 - VARIABLE ACOUSTIC LAYOUT - CROWN BANNER SECTION.pdf
12.	33-BR-TP002-TA342 - VARIABLE ACOUSTIC LAYOUT - CROWN BANNER ELEVATIONS.pdf
13.	33-BR-TP002-TA414 - STALLS BOX U AND BANNER DETAILS.pdf
14.	33-BR-TP002-TA415 - STALLS BOX V AND BANNER DETAILS.pdf
15.	33-BR-TP002-TA416 - STALLS BOX W AND BANNER DETAILS.pdf
16.	33-BR-TP002-TA420 - VARIABLE ACOUSTIC LAYOUT - SELF-RISING BANNER DETAIL.pdf
17.	33-BR-TP002-TA430 - VARIABLE ACOUSTIC LAYOUT - OPERABLE WALL REFLECTOR - GA.pdf
18.	33-BR-TP002-TA431 - VARIABLE ACOUSTIC LAYOUT - OPERABLE WALL REFLECTOR - MAIN ASSY.pdf
19.	33-BR-TP002-TA440 - VARIABLE ACOUSTIC LAYOUT - ACOUSTIC DRAWER BANNER DETAIL.pdf
20.	33-BR-TP002-TA443 - DRAWER BANNER TYPE A-GA.pdf
21.	33-BR-TP002-TA444 - DRAWER BANNER TYPE B-GA.pdf
22.	33-BR-TP002-TA445 - DRAWER BANNER TYPE C-GA.pdf
23.	33-BR-TP002-TL100 - STAGE LIFTS PLANS.pdf
24.	33-BR-TP002-TL101 - STAGE LIFTS PLANS SEATING WAGONS.pdf
25.	33-BR-TP002-TL102 - STAGE LIFT ISOMETRIC VIEW 1.pdf
26.	33-BR-TP002-TL103 - STAGE LIFT ISOMETRIC VIEW 2.pdf
27.	33-BR-TP002-TL104 - STAGE LIFT ISOMETRIC VIEW 3.pdf
28.	33-BR-TP002-TL105 - STAGE LIFT ISOMETRIC VIEW 4.pdf
29.	33-BR-TP002-TL106 - STAGE LIFT SEAT REMOVAL SYSTEM VIEWS.pdf
30.	33-BR-TP002-TL300 - STAGE LIFTS - SECTIONS MAXIMUM & MINIMUM RISER HEIGHTS.pdf
31.	33-BR-TP002-TL301 - STAGE LIFTS - SECTIONS ORCHESTRA RISERS.pdf
32.	33-BR-TP002-TL302 - STAGE LIFTS - SECTIONS AUTOMATED SEATING.pdf
33.	33-BR-TP002-TL303 - STAGE LIFTS - SECTIONS EXTENDED ORCHESTRA RISERS.pdf
34.	33-BR-TP002-TL400 - STAGE LIFTS - SEAT REMOVAL SYSTEM - PLANS.pdf



35.	33-BR-TP002-TL401 - STAGE LIFTS - SEAT REMOVAL SYSTEM - SECTIONS.pdf
36.	33-BR-TP002-TL402-STAGE LIFTS - PLATFORM LS1 PLANS - DETAILS.pdf
37.	33-BR-TP002-TL404 - STAGE LIFTS - PLATFORM LS1 AUTOMATED STAIRS - DETAILS.pdf
38.	33-BR-TP002-TL405 - STAGE LIFTS - PLATFORM PL6 & PL20 AUTOMATED STAIRS - DETAILS.pdf
39.	33-BR-TP002-TL406 - STAGE LIFTS - DIP TRAPS.pdf
40.	33-BR-TP002-TL407 - STAGE LIFTS - HANDRAILS.pdf
41.	33-BR-TP002-TL408 - STAGE LIFTS - REMOVABLE STEPS TO STAGE FRONT.pdf
42.	33-BR-TP002-TL409 - STAGE LIFTS - REMOVABLE FASCIA PANELS.pdf
43.	33-BR-TP002-TL500 - STAGE LIFT LOWER DRIVE ROOMS PLAN.pdf
44.	33-BR-TP002-TL501 - STAGE LIFT LOWER DRIVE ROOMS 3D AND SECTIONS.pdf
45.	33-BR-TP002-TL600-STAGE LIFTS - LOUCO AUDITORIUM CHAIR DETAILS.pdf
46.	33-BR-TP002-TR100 - STAGE RIGGING SYSTEM - UPS ROOM PLAN LEVEL B1 .pdf
47.	33-BR-TP002-TR102 - STAGE RIGGING SYSTEM - CONTROL POINT LAYOUTS STAGE LEVEL 2A.pdf
48.	33-BR-TP002-TR103 - STAGE RIGGING SYSTEM - CONTROL POINT LAYOUTS STALLS LEVEL 3A.pdf
49.	33-BR-TP002-TR110 - STAGE RIGGING SYSTEM WINCH ROOM LOWER LEVEL PLAN.pdf
50.	33-BR-TP002-TR111 - STAGE RIGGING SYSTEM WINCH ROOM UPPER LEVEL PLAN.pdf
51.	33-BR-TP002-TR112 - STAGE RIGGING SYSTEM RELIEF FRAME AND REEVING - GA.pdf
52.	33-BR-TP002-TR113 - STAGE RIGGING SYSTEM RELIEF FRAME SCHEME.pdf
53.	33-BR-TP002-TR130 - STAGE RIGGING SYSTEM LINE HOIST GUIDE DONUT ASSEMBLY.pdf
54.	33-BR-TP002-TR153 -STAGE RIGGING SYSTEM - L5A - BATWING TRUSS POSITIONS.pdf
55.	33-BR-TP002-TR154 - STAGE RIGGING SYSTEM - BATWING SECTIONS.pdf
56.	33-BR-TP002-TR210 - STAGE RIGGING SYSTEM - CROWN CEILING - REFLECTED CEILING PLAN.pdf
57.	33-BR-TP002-TR400 - STAGE RIGGING SYSTEM - POWER CABLE REELER - DETAILS.pdf
58.	33-BR-TP002-TR650 - STAGE RIGGING SYSTEM - FUNICULAR GOODS HOIST - DETAILS.pdf
59.	33-BR-TP002-TR651 - STAGE RIGGING SYSTEM - FUNICULAR GOODS HOIST - CAR DIMENSIONS.pdf
60.	33-BR-TP002-TR750 - STAGE RIGGING SYSTEM - PROPOSED CATCH DECK PLAN.pdf
61.	49-BR-ARM01-A0706[4]-B1~DEMOLITION PLAN - LEVEL 2 +42.pdf
62.	49-BR-ARM01-A0726[2]-B1~DEMOLITION REFLECTED CEILING PLAN - LEVEL 2 +42.pdf
63.	49-BR-ARM01-A0910[2]-B1~DETAIL DEMOLITION PLAN - ANTE ROOM, PROMPT & OPPOSITE PROM
64.	49-BR-ARM01-A0911[2]-B1~DETAIL DEMOLITION SECTION - ANTE ROOM.pdf
65.	49-BR-ARM01-A1206[4]-B1~GENERAL ARRANGEMENT - FLOOR PLAN - LEVEL 2 +42.pdf
66.	49-BR-ARM01-A6080[2]-B1~CONSTRUCTION DETAILS - EAST PASSAGEWAY - PLAN DETAILS - SHEET 1.pdf
67.	49-BR-ARM01-A6081[2]-B1~CONSTRUCTION DETAILS - EAST PASSAGEWAY - PLAN DETAILS - SHEET 2.pdf
68.	49-BR-ARM01-A6082[2]-B1~CONSTRUCTION DETAILS - EAST PASSAGEWAY - CONSTRUCTION DETAILS - SHEET 1.pdf



69.	49-BR-ARM01-A6083[2]-B1~CONSTRUCTION DETAILS - EAST PASSAGEWAY - CONSTRUCTION DETAILS - SHEET 2.pdf
70.	49-BR-ARM01-A6095[2]-B1~CONSTRUCTION DETAILS - DIFFUSION - BOX FRONTS - SHEET 1.pdf
71.	49-BR-ARM01-A6096[2]-B1~CONSTRUCTION DETAILS - DIFFUSION - BOX FRONTS - SHEET 2.pdf
72.	49-BR-ARM01-A6097[2]-B1~CONSTRUCTION DETAILS - DIFFUSION - CONCERT HALL - WALL DET
73.	49-BR-ARM01-A6097[2]-B1~CONSTRUCTION DETAILS - DIFFUSION - CONCERT HALL - WALL DETAILS - SHEET 1.pdf
74.	49-BR-ARM01-A6098[2]-B1~CONSTRUCTION DETAILS - DIFFUSION - STAGE - WALL DETAILS -
75.	49-BR-ARM01-A6098[2]-B1~CONSTRUCTION DETAILS - DIFFUSION - STAGE - WALL DETAILS - SHEET 1.pdf
76.	49-BR-ARM01-A6099[2]-B1~CONSTRUCTION DETAILS - DIFFUSION - STAGE - WALL DETAILS -
77.	49-BR-ARM01-A6099[2]-B1~CONSTRUCTION DETAILS - DIFFUSION - STAGE - WALL DETAILS - SHEET 2.pdf
78.	49-BR-ARM01-A6200[2]-B1~CONSTRUCTION DETAILS - THEATRE INTEGRATION - ACOUSTIC BANN
79.	49-BR-GAS01-A0721_C02.pdf
80.	57-BR-SV240-M0293 - PLANTROOM - L2 + 51 SHEET 1.pdf
81.	57-BR-SV240-M0720 - DEMOLITION LAYOUT - L2 +042.pdf
82.	59-BR-TP002-TX021 - PL DETAIL TYPES A, B, C & D.pdf
83.	59-BR-TP002-TX022 - PL DETAIL TYPES E & F.pdf
84.	59-BR-TP002-TX023 - PL DETAIL TYPE G.pdf
85.	59-BR-TP002-TX024 - PL DETAIL TYPES H, I & J.pdf
86.	59-BR-TP002-TX025 - PL DETAIL TYPES M, N & P.pdf
87.	59-BR-TP002-TX026 - PL DETAIL TYPES Q, R & S.pdf
88.	59-BR-TP002-TX027 - PL DETAIL TYPES T, W, X & Y.pdf
89.	59-BR-TP002-TX028 - PL DETAIL TYPES K, L, O, U, V, Z & AA.pdf
90.	59-BR-TP002-TX029 - PL DETAIL TYPES BB & CC.pdf
91.	59-BR-TP002-TX051 - ORCHESTRAL LIGHTING FRAME DETAIL.pdf
92.	59-BR-TP002-TX052 - ORCHESTRAL LIGHTING FRAME 13 AND 16 DETAIL.pdf
93.	59-BR-TP002-TX053 - ORCHESTRAL LIGHTING FRAME INTERCONNECTING TRUSS DETAIL.pdf
94.	59-BR-TP002-TX054 - ORCHESTRAL LIGHTING FRAME FULL TRUSS RIG DETAIL.pdf
95.	59-BR-TP002-TX070 - PRODUCTION LIGHTING SYSTEM - DIMMER ALLOCATION.pdf
96.	59-BR-TP002-TX150 - PRODUCTION LIGHTING SYSTEM - SCENCE OUTLET SCHEMATIC.pdf
97.	59-BR-TP002-TX201 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 01.pdf
98.	59-BR-TP002-TX202 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 02.pdf
99.	59-BR-TP002-TX203 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 03.pdf
100.	59-BR-TP002-TX204 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 04.pdf
101.	59-BR-TP002-TX205 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 05.pdf
102.	59-BR-TP002-TX206 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 06.pdf





103.	59-BR-TP002-TX207 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 07.pdf
104.	59-BR-TP002-TX208 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 08.pdf
105.	59-BR-TP002-TX209 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 09.pdf
106.	59-BR-TP002-TX210 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 10.pdf
107.	59-BR-TP002-TX211 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 11.pdf
108.	59-BR-TP002-TX212 - PRODUCTION LIGHTING DIMMER RACK SCHEMATIC - RACK 12.pdf
109.	59-BR-TP002-TX220 - PRODUCTION LIGHTING SYSTEM - LOWER DIMMER ROOM LAYOUT.pdf
110.	59-BR-TP002-TX221 - PRODUCTION LIGHTING SYSTEM - UPPER DIMMER ROOM LAYOUT.pdf
111.	59-BR-TP002-TX302 - PRODUCTION LIGHTING SYSTEM - CHPR DATA DISTRIBUTION 1.pdf
112.	59-BR-TP002-TX303 - PRODUCTION LIGHTING SYSTEM - CHPR DATA DISTRIBUTION 2.pdf
113.	59-BR-TP002-TX304 - PRODUCTION LIGHTING SYSTEM - CHPR DATA DISTRIBUTION 3.pdf
114.	59-BR-TP002-TX305 - PRODUCTION LIGHTING SYSTEM - CHPR DATA DISTRIBUTION 4.pdf
115.	59-BR-TP002-TX306 - PRODUCTION LIGHTING SYSTEM - CHPR DATA DISTRIBUTION 5.pdf
116.	59-BR-TP002-TX311 - PRODUCTION LIGHTING SYSTEM - ELA ROOM NODE DATA DISTRIBUTION.pdf
117.	59-BR-TP002-TX312 - PRODUCTION LIGHTING SYSTEM - ELA ROOM DATA DISTRIBUTION 6.pdf
118.	59-BR-TP002-TX313 - PRODUCTION LIGHTING SYSTEM - ELA ROOM DATA DISTRIBUTION 8.pdf
119.	59-BR-TP002-TX314 - PRODUCTION LIGHTING SYSTEM - ELA ROOM DATA DISTRIBUTION 9.pdf
120.	59-BR-TP002-TX315 - PRODUCTION LIGHTING SYSTEM - ELA ROOM DATA DISTRIBUTION 10.pdf
121.	59-BR-TP002-TX316 - PRODUCTION LIGHTING SYSTEM - ELA ROOM DATA DISTRIBUTION 11.pdf
122.	59-BR-TP002-TX317 - PRODUCTION LIGHTING SYSTEM - ELA ROOM DATA DISTRIBUTION 12.pdf
123.	59-BR-TP002-TX318 - PRODUCTION LIGHTING SYSTEM - ELA ROOM DATA DISTRIBUTION 13.pdf
124.	59-BR-TP002-TX319 - PRODUCTION LIGHTING SYSTEM - ELA ROOM DATA DISTRIBUTION 14.pdf
125.	59-BR-TP002-TX320 - PRODUCTION LIGHTING SYSTEM - ELA ROOM DATA DISTRIBUTION 15.pdf
126.	59-BR-TP002-TX330 - LIGHTING SYSTEM - ORCHESTRAL LIGHTING FRAME DMX DISTRIBUTION.pdf
127.	59-BR-TP002-TX401 - ARCHITECTURAL LIGHTING SYSTEM - BANNER LIGHTING DMX SCHEMATIC.pdf
128.	59-BR-TP002-TX501 - HOUSE LIGHT BUTTON LAYOUT - LEVEL 2 +42.pdf
129.	59-BR-TP002-TX502 - HOUSE LIGHT BUTTON LAYOUT - LEVEL 4 +61.pdf
130.	59-BR-TP002-TX511 - HOUSE LIGHTING SYSTEM - DMX DISTRIBUTION HUB LOCATIONS.pdf
131.	59-BR-TP002-TX516 - HOUSE LIGHTING SYSTEM - DMX UNIVERSE AND ADDRESS MAP.pdf
132.	59-BR-TP002-TX545 - HOUSE LIGHTING SYSTEM - AISLE LIGHT SYSTEM DIAGRAM - ELA ROOM.pdf
133.	59-BR-TP002-TX701 - WORK LIGHT CONTROL LAYOUT - LEVEL 2 + 42.pdf
134.	59-BR-TP002-TX702 - WORK LIGHT CONTROL LAYOUT - LEVEL 3 + 51.pdf
135.	59-BR-TP002-TX704 - WORK LIGHT CONTROL LAYOUT - LEVEL 5 + 70.pdf
136.	59-BR-TP002-TX705 - WORK LIGHT CONTROL LAYOUT - LEVEL 6 + 85.pdf
137.	59-BR-TP002-TX708 - WORK LIGHT CONTROL LAYOUT - LEVEL 8 + 115.pdf



138.	59-BR-TP002-TX709 - WORK LIGHT CONTROL LAYOUT - LEVEL 9 + 130.pdf
139.	59-BR-TP002-TX710 - WOKRING LIGHT CONTROL LAYOUT - CATWALKS EAST AND WEST.pdf
140.	59-BR-TP002-TX711 - HOUSE AND WORKING LIGHT - PARADIGM SYSTEM DIAGRAM.pdf
141.	59-BR-TP002-TX999 - PRODUCTION LIGHTING CABLE SCHEDULE.pdf
142.	59-OH-TP002-591 rev4.pdf
143.	64-BR-TP002-TC001 - PL, TPL & RACK LAYOUTS STAGE LEVEL 1.pdf
144.	64-BR-TP002-TC002 - PL, TP & RACK LAYOUTS STAGE LEVEL 2.pdf
145.	64-BR-TP002-TC003 - PL, TP & RACK LAYOUTS STAGE LEVEL 3.pdf
146.	64-BR-TP002-TC004 - PL, TP & RACK LAYOUTS STAGE LEVEL 4.pdf
147.	64-BR-TP002-TC005 - PL, TP & RACK LAYOUTS STAGE LEVEL 5.pdf
148.	64-BR-TP002-TC006 - PL, TP & RACK LAYOUTS STAGE LEVEL 6.pdf
149.	64-BR-TP002-TC007 - PL, TP & RACK LAYOUTS TOP LEVEL 7.pdf
150.	64-BR-TP002-TC008 - PL, TP & RACK LAYOUTS TOP LEVEL 8.pdf
151.	64-BR-TP002-TC009 - PL, TP & RACK LAYOUTS TOP LEVEL 10.pdf
152.	64-BR-TP002-TS1202 - CH RACK ELEVATIONS MASTER REV D.pdf
153.	64-BR-TP002-TS1601 TP SCHEDULE REV P Theatreplan Edits MASTER.pdf
154.	64-BR-TP002-TS1602 CH AVC Cable Schedule - Rev 0.1.pdf
155.	64-BR-TP002-TS801-CH PRODUCTION AUDIO OUTPUT ROUTING HIGH LEVEL CONCEPT.pdf
156.	64-BR-TP002-TS802-CH PRODUCTION AUDIO MIDAS SYSTEM HIGH LEVEL CONCEPT.pdf
157.	64-BR-TP002-TS803 - 190902 SOH Audio Workflow Sketch MSE.pdf
158.	64-BR-TP002-TS911-CHPR AUDIO PATCHING LAYOUTS SHEET 1.pdf
159.	64-BR-TP002-TS912-CHPR AUDIO PATCHING LAYOUTS SHEET 2.pdf
160.	64-BR-TP002-TS913-CHPR AUDIO PATCHING LAYOUTS SHEET 3.pdf
161.	64-BR-TP002-TS914-CHPR AUDIO PATCHING LAYOUTS SHEET 4.pdf
162.	ARM-9251~191125 Timber Dffusion Location.pdf



## **ATTACHMENT 8: Heritage Impact Statement**



## **ATTACHMENT 9: Response to Heritage Council Submission**



## **ATTACHMENT 10: Bronze Componentry Project**

**Design Principles**  
**Design Manual**



## **ATTACHMENT 11: Audit of Peter Hall Public Toilets and Dressing Rooms**