



**ATTACHMENT C**  
**Revised Summary Assessment of Impact Tables**

At paragraphs 8.2, 8.5 and 15.3, the Heritage Council submission has identified a need to revise the Summary Assessment of Impact Tables that were included in the HIS, to the satisfaction of the Heritage Council.

A workshop was held on 21 June 2019, to provide input to the revision of the tables. The workshop participants comprised:

Mr Bruce Pettman	Representative of NSW Heritage Council
Ms Helen Lardner	Representative of NSW Heritage Council
Ms Sarah Jane Brazil	NSW Office of Environment & Heritage
Mr David Nix	NSW Office of Environment & Heritage
Mr Alan Croker	Design 5 Architects, SOH Heritage Architect
Ms Laura Matarese	Senior Planning and Heritage Policy Officer, SOH
Mr Peter Doyle	Project Manager, SOH

The Summary Assessment of Impact tables have been revised and included here.

SOH - Concert Hall Renewal Project (Part of SSD 8663)

Summary assessment of impacts on State Heritage Values according to SHR criteria

Key to Impact Assessment on Identified SHR Value		VALUES ACCORDING TO SHR CRITERIA							Impacts and Mitigation
		A - Historical Significance	B - Associative Significance	C - Aesthetic Significance	D - Social Significance	E - Research Potential	F - Rarity	G - Representativeness	
Positive Impact									
Moderately Positive Impact									
Very Little / No Impact									
Moderately Negative Impact									
High Negative Impact									
Acoustic Upgrade									
Non amplified performance	Overstage acoustic reflectors								High impact on views to organ, but existing 'doughnuts' also obscure. Proposed colour strengthens Hall's signature colour for venue. Increased area and denser material required to provide substantial acoustic benefit, confirmed by full mock-up testing. Colour and reflectivity important.
	Side wall reflectors								Match with existing veneer and finish flush. Fully automated and only deployed during performance to minimise visual impacts.
	Diffusion panels to stage surrounds, box fronts and wall.								Existing box fronts are not original. Original saw-tooth configuration was a compromise between Hall and acoustics engineer. Flat panels not favoured by Hall. Proposal more closely aligns with Hall's intent and tests confirm it will provide substantial benefit. Use of brush box essential - laminated.
	Lighting array over stage between reflectors								Required because of opaque reflector but potential visual clutter. Suspension systems and fittings to be as open and minimal as possible. Careful positioning and management needed to minimise visual intrusion.
Amplified performance	Operable acoustic drapes above stage								Requires fine detailing and careful execution to minimise impact on plywood ceiling. Proposed configuration respects Hall's design - substantial visual and operational benefits over existing. Deployed only during amplified performance.
	Operable acoustic drapes to the stage surround and box fronts, side and rear walls								Deployment should be simple and non-intrusive but will have some visual impact. Proposed colour and configuration will respect and strengthen Hall's signature colour. Substantial visual and operational benefits over existing. Deployed only during amplified performance.
	Speaker array								Speakers will visually recede for amplified performance. Units easily changed as technology improves. To be removed or flown out for non-amplified performance to reduce visual impacts.
Summary of Impacts									Hall's design retained and respected. Negative visual impacts considered and minimised. Overall result will be social significance benefits with substantial acoustic improvements and achieving international standing.
Functional and Technical Upgrade									
Front-of House	Adjustable stage risers								Proposed configuration has substantial benefits both visually and acoustically for performers and patrons alike.
	Forestage riser								Current platform and machinery original but at end of operational life. Replacement required to achieve new configuration and facilitate and store retractable seating. Edge detailing important to achieve best visual outcome. Substantial functional benefit.
	Lower stage height								Improves sight lines from the stalls. Better intimacy between performers and audience. Enables level access from back-of-house.
	Choir stalls change								Minimal impact. Seat numbers and original function maintained.
	Retractable seating to front of stalls								Substantial replacement of existing affected seating. This seating to match existing in form, materials and colour when in use. Automation improves functionality and removes need to store affected seating in Central Passage.
	Changes prompt and off-prompt wings								Additional downstage wing entries, realignment of the walls to the side foyers and reconfiguration of the stalls level entry doors. Minimal visual change within auditorium but some intrusion into side foyers. Respect for Hall's geometry and use of matching materials minimise impacts. Moderate visual impact but substantial functional benefits.
	Seat refurbishment - 50% stalls								Retains plywood seat elements and upholstery, changing only cushioning material of alternate rows in stalls only. Ensures compliance with statutory fire regulations and improves acoustic performance.
Back-of-House	Technical upgrade over Concert Hall								Allows for improved function, safer access, flexibility, and capacity of the technical equipment. Ceiling fabric and finishes respected. Allows removal of suspended clutter. Existing to be documented and selected piece of original machinery (including winches) will be archived with SOH collection.
	Air delivery upgrade into Concert Hall								Requires modifications to the existing 'cannon-port' openings and additional air conditioning grilles within the plywood ceiling. Original materials, finishes and configuration respected. A/C plant upgrade improves acoustics and comfort.
Summary of Impacts									Substantial functional and technical upgrade required to achieve international standing.
Accessibility									
Front-of House	Level 2 east side Foyer passage								Requires alteration to the eastern foyer stairs and relocation of affected back-of-house services. Substantial access benefit but major visual impact. Western foyer stairs remain as existing. Consistent with Utzon's concepts for a level 3 passage penetrating this stair.
	Northern Foyer Lifts 29 and 30								Equal accessibility to Northern Foyers is presently not possible. Substantial physical and visual impacts mitigated by the 'minimal' design and location of lifts. Respects Utzon's intent to enhance patron's experience of the harbour setting. Proposal provides unique experience to patrons and enables full access to all foyer levels and facilities.
	New wheelchair positions at the front of the stalls								Positions deployed depending on bookings - minimal impact. Improved design and operational efficiency on present arrangement.
	New wheelchair positions at the rear of the boxes								High physical impact on existing low walls but achieves substantial access and patron benefit. Moderate visual impact surrounding affected area but not on auditorium overall.
	Accessible toilet facilities (Level 3 Northern Foyer)								Hall regime of materials and finishes respected with new fitout.
	Additional handrails in side foyers.								Visually intrusive but substantial benefit to less abled patrons, particularly during exit. Impacts mitigated by very fine design and use of bronze.
	Compliant handrails within Concert Hall								Complies with CMP policies by replacement of elements only where required to achieve compliance. Original profiles and elements retained elsewhere.
Back-of-House	Dressing room and bathroom upgrades								Improves accessibility, Hall regime of materials and finishes respected in fitout.
Summary of Impacts									Existing accessibility limitations and statutory compliance addressed. Side foyer passages and lifts in Northern Foyer were part of Utzon's original concept but not executed. Negative impacts mitigated by carefully considered design and placement. These will enhance the reputation and social esteem of SOH for the broader society.

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SOH - Concert Hall Renewal Project (Part of SSD 8663)

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SOH - Creative Learning Centre (Part of SSD 8663)

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Creative Learning Centre									
	Change of use to Creative Learning Centre								Change of use strengthens association with the performing arts and primary use of SOH. New use provides greater opportunity to engage with younger generations and others and encourages involvement in performing arts.
	Alteration of entry off Western Broadwalk								Proposed modification has minor impact but retains and respects Utzon and Hall.External palette of materials is retained. Reduced depth of entry should not be noticeable. Provides functional benefits internally.
	Entry off Western Foyer								Affected fabric is less important than activation of this north end of the foyer. Design, details and finishes respect Utzon's Western Foyer. Provides enticing glimpse of magic of theatre from Western Foyer.
	Alterations to existing spaces and fit out for Creative Learning Centre								Limited openings in original internal podium walls in a similar manner to new openings with Function Centre. Original configuration will be legible. Hall's wobbly regime retained in northern spaces and reinterpreted elsewhere in a respectful manner.
Summary of Impacts									Proposed use is more consistent with Utzon's vision for public accessibility next to Broadwalk. The incorporation/re-use of Hall's wobbly regime respects and interprets his role in completing the podium. Important support function for primary use and role of SOH in encouraging engagement with the performing arts.

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## Summary assessment of tangible and intangible cumulative impacts

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