

Sydney Opera House

EVENT MANAGEMENT PLAN

Southern Forecourt and Monumental Steps

EVENT:

Live Nation Forecourt Concert Series

ARTISTS:

Pixies

Jack Johnson

Emma Memma

5SOS

Icehouse

As at 21 November 2022





TABLE OF CONTENTS

TABLE OF CONTENTS	2
1 EVENT OVERVIEW	3
1.1 Hirer	3
1.2 Event Schedule	3
1.3 Contacts	3
1.4 Responsibilities	4
1.5 Audience	4
1.6 Attachments	4
1.7 Website links	4
2 STATUTORY APPROVALS	5
3 VISITOR EXPERIENCE & COMMUNICATIONS	6
3.1 Food Management	6
3.2 Beverages & Alcohol Management	6
3.3 Ticketing	7
3.4 Communications	7
3.5 First Aid	7
4 MANAGEMENT PLANS	8
4.1 Waste and Water Management	8
4.2 Environmental Management	8
4.3 Heritage Management	8
4.4 Noise Management	9
4.5 Traffic Management	9
4.6 Crowd Management	9
4.7 Complaint Management	9
5 SAFETY SECURITY & RISK	10
5.1 Security	10
5.2 Transport & Traffic Management	10
5.3 Pedestrian Management	10
5.4 Audience Movement	11
5.5 Command & Control	11
6 LIGHTING MANAGEMENT	12
6.1 Lighting set-up	12
6.2 Emergency Lighting Tower	12
6.3 General Site Lighting	12
6.4 Lighting Standards	12
7 HEALTH & SAFETY	13
7.1 Third parties	13
7.2 SOH Safety Management	13
7.3 Safety Risk Management	13
8 OTHER SOH VENUES PERFORMANCES	14



1 EVENT OVERVIEW

1.1 Hirer

- Live Nation Australia

1.2 Event Schedule

Date	Activity	Performance	Time
Wed 30th Nov	Event Bump-in		0800-1730
Thurs 1 Dec	Event Bump-in		0800 - 2400
Fri 2 Dec	Event Bump-in		0800 - 2400
Sat 3 Dec	Performance	Pixies	Setup 0800, Gates Open 1800, finish 2200, strike 0000
Sun 4 Dec	Performance	Pixies	Setup 0800, Gates Open 1800, finish 2200, strike 0000
Mon 5 Dec	Performance	Jack Johnson	Setup 0800, Gates Open 1730, finish 2200, strike 0000
Tues 6 Dec	Performance	Jack Johnson	Setup 0800, Gates Open 1730, finish 2200, strike 0000
Wednesday 7 Dec	Performance	Jack Johnson	Setup 0800, Gates Open 1730, finish 2200, strike 0000
Thursday 8 Dec	Performance	Emma Memma	Setup 0800, Gates Open 1330, finish 1545
Thursday 8 Dec	Performance	Emma Memma	Reset 1545, Gates Open 1645, finish 1900, strike 0000
Fri 9 Dec	Performance	5SOS	Setup 0800, Gates Open 1800, finish 2200, strike 0000
Sat 10 Dec	Performance	5SOS	Setup 0800, Gates Open 1800, finish 2200, strike 0000
Sun 11 Dec			
Mon 12 Dec	Performance	Icehouse	Setup 0800, Gates Open 1800, finish 2200, strike 0000
Tues 13 Dec	Event Bump out		0800 - 2200
Wed 14 Dec	Event Bump out		0800 - 2200
Thur 15 Dec	Event Bump out		0800 – 1300 tbc

*Times subject to change. Amplified music within window 1000- 2300 only, except until 2200hrs for performances. Further details are in the Production Schedule

1.3 Contacts

- SOH Contacts

Company	Contact	Role	Phone
SOH	Heather Clarke	General Manager, Event Operations & Planning	0411 184 340
SOH	Phil Riddett	Production Manager (PM)	0412 044 781
SOH	Tracy Askew	Account Manager (AM)	0417 298 977
SOH	John Lomax	Head of Security, Emergency Planning & Response	0404 830 277



- External Contacts

Company	Contact	Role	Phone
PA People	Chris Dobbs	Sound Monitoring	02 8755 8700
Live Nation Australia	Nik Tischler	VP Production/Logistics	0419 985 206
Raging Empire	Iain Morrison	Managing Director	460 292 605

1.4 Responsibilities

The General Manager, Event Operations & Planning has oversight of all operational matters and coordinates all elements of the event. She is the first point of contact for regulators (other than in relation to security), the Hirer and the Hirer's contractors, SOHT contracted experts and contractors and community complaints during the event.

The Production Manager is responsible for all technical aspects of the production and reports to the Manager, Event Operations & Planning. The role will be responsible for liaising with the Hirer and integrating their overall planning and management and coordination of all the necessary technical production and site/venue requirements and services

The Account Manager is responsible for scheduling and liaison with the Hirer and internal SOH departments and reports to the Manager, Event Operations. The role is responsible for integrating all the operational event requirements with SOH policy and procedure.

The Head of Security, Emergency Planning and Response is responsible for oversight of security, crowd management and police liaison and will take control of the site in the event of an emergency.

1.5 Audience

- Demographic / Historical Crowd Information

The crowd demographic is a mix of families, individuals & friendship groups, and varied for each performance

- Capacities

4,300 per seated performance

6,000 per standing performance

1.6 Attachments

- **Attachment 1:** Ground Plan
- **Attachment 2:** Production Schedule
- **Attachment 3:** SOH Noise Management Plan
- **Attachment 4:** Noise Management Sub-Plan
- **Attachment 5:** Event Traffic Management Plan FCT ESI v2

1.7 Website links

Link 1: Outdoor Event Guide

https://www.sydneyperehouse.com/content/dam/pdfs/venues/outdoor-events-/Outdoor_Event_Guide.pdf

Link 2: Sydney Opera House Trust By-law 2021

[Sydney Opera House Trust By-law 2021 - NSW Legislation](#)



2 STATUTORY APPROVALS

Planning Consent	DA 445-10-2003, as modified	MOD 4 issued 14 October 2016
Heritage Authority	SOH Site specific Heritage exemptions under the Heritage Act 1977	N/A
Event Management Plan	Secretary, Planning & Environment	22 nd November 2022
Noise Management Plan	Secretary, Planning & Environment	31 st December 2017
Noise Management Sub-Plan	EPA Review Secretary, Planning & Environment	15 th November 2022
Notify authorities of Event	City of Sydney, North Sydney Council, Police, Department of Planning & Environment, EPA	16 th November 2022
Temporary Food Permit	City of Sydney	15 th November 2022
Temporary Structures	s68 Local Government Act 1993 Sewerage waste building works	Approval issued as part of Vehicle and Pedestrian Safety works consent. Section 68 LGA approval not required.



3 VISITOR EXPERIENCE & COMMUNICATIONS

3.1 Food Management

- Food Provider /Outlets CMC Solutions
- Outlet operating times Gates Open – until 20mins prior to finish
- Food outlets are restricted to authorised cooking areas of the eastern forecourt – i.e. not on granite surfaces
- Protection will be laid down under cooking areas, as specified in the Outdoor Event Guide
- Providers to ensure that any food options provided will not stain or damage any Opera House surface
- Further information in Outdoor Event Guide, Section 5

3.2 Beverages & Alcohol Management

- Beverage provider Peter Morris - Lakenda
 - Outlet operating times Gates Open – until 20mins prior to finish
 - Special conditions Maximum 4 drinks per person per transaction
 - Marshalls Located at the front of each entry queue to bar
 - Crowd to be monitored and in consultation with bar manager, maximum number of drinks purchased at a time may be reduced if required to ensure Responsible Service of Alcohol. SOH Head of Security to be advised
 - Free drinking water will be made available to patrons at hydration stations
 - Security guards hold security licenses and have first aid training
 - Glass is prohibited for all large scale commercial events – beverages sold in glass bottles must be decanted into reusable cups before being served to patrons
 - Bags searched on entry for alcohol being brought into venue
 - Crowd monitored by Security on departure to ensure no alcohol permitted to be taken off-site
 - Refer Outdoor Event Guide and Sydney Opera House Trust By-law
- [Sydney Opera House Trust By-law 2021 - NSW Legislation](#)



3.3 Ticketing

- Fully ticketed events
- Free events ticketed with general allocated seating including on the monumental steps
- Patrons who do not 'print at home' can collect tickets from the main SOH Box Office
- All ticketing through SOH Box Office
- Approx. 25% of ticket holders will require Box Office collection
- All tickets to be scanned upon entry
- Ticket stubs not required to be collected at ticket entry

3.4 Communications

- | | |
|----------------------------------|--|
| • To Event Patrons | Box Office to provide patrons information on website and email |
| • To Patrons of other SOH venues | Box Office to send information about changed site conditions |
| • To non-Event visitors | Website |
| • To other SOH F&B tenants | SOH F&B Department to notify |
| • To nearby residents | By notice sent 15 November 2022 |
| • To SOH staff/contractors | SOH AM to send Performance Update and post on Intouch |
| • To Hirers, Resident Companies | SOH AM to notify |
| • To Wilson Car park | Visitor Services to notify |
| • Media Enquiries | SOH Corporate Communications |

Further information can be found on the individual event web pages at:

<https://www.sydneyoperahouse.com/events/whats-on/Contemporary-Music/2022/pixies.html>

<https://www.sydneyoperahouse.com/events/whats-on/Contemporary-Music/2022/jack-johnson.html>

<https://www.sydneyoperahouse.com/events/whats-on/Contemporary-Music/2022/5sos.html>

<https://www.sydneyoperahouse.com/events/whats-on/Kids-and-Families/2022/emma-memma.html>

<https://www.sydneyoperahouse.com/events/whats-on/Contemporary-Music/2022/icehouse.html>

3.5 First Aid

- | | |
|---|-----------------------------|
| • Provider | First On Scene |
| • Location | Near RBG gates |
| • Communications | Security Channel –SOH Comms |
| • Licensed security guards present also have first aid training | |



4 MANAGEMENT PLANS

4.1 Waste and Water Management

- Recycling is encouraged and at a minimum the separation of general waste and mixed (co-mingled) recycling will be undertaken
- Waste will be recycled and disposed of according to Sydney Opera House's waste management practices. General waste will be separated from recycling items to avoid contamination of recycling streams
- All grey water produced by caterers will be stored in a stand-alone tank and transported off site by caterers
- Temporary toilet facilities to be plumbed into the sewer by a licensed plumber – approved under DA for Vehicle Access and Pedestrian Safety Project (VAPS) works
- Licensed plumber on site at event times to attend any blockages and leaks that may occur
- All cleaning on site is compliant with the SOH Green Cleaning Manual
- Cleaners continuously monitor toilet area for spills and leaks
- Further information is in the Outdoor Event Guide

4.2 Environmental Management

Sydney Opera House has been awarded a 4 Star Green Star Performance Rating by the Green Building Council of Australia, putting the Opera House among a select few World Heritage buildings globally that have achieved green certification. The environmental performance of your event will be monitored by our Building Operations Manager, in consultation with our Environmental Sustainability Manager, and managed through the Event Management Plan.

This Event Management Plan is to ensure:

- The site will be reinstated to the same condition it was prior to the Event
- No structures penetrate the ground
- Temporary structures have ground protection such as hard wood boards and pro floor matting
- All food outlets are on black bitumen areas as outlined in the Outdoor Event Guide, Section 3
- All F&B outlets' waste oils/grease to be collected and removed by caterers
- Timely collection and removal of litter before, during and immediately after the Event to avoid litter entering the harbour
- Ply protection installed over the VAPS tunnel head
- For 6,000 capacity event 30 toilet pans to be located under the Monumental Steps on the vehicle concourse and plumbed into SOH sewer
- Mitigations in relation to identified risks to be implemented - as identified in the SOH Environmental Risk Register

4.3 Heritage Management

SOH recognises the specific environmental aspects of working respectfully on this World Heritage site. The Hirer commits to complying with the Heritage Guidelines for outdoor Events where appropriate.

As required under conditions 46 to 55A inclusive:



- all temporary structures are confined to the event area, are no more intrusive than is reasonably necessary to perform their functions and will be certified by a qualified practicing structural engineer on completion of installation;
- the design of the venue minimises the visual impact of temporary structures on the vista within reasonable requirements of the event;
- fencing and gates are of high quality as well as functional, as appropriate for the nature of the event;
- fire hazard properties will comply with Specification C1.10 of the Building Code of Australia, as applicable, with no structures within six metres of any egress path from a fire isolated building exit; and
- safe and efficient points of egress from the permanent venues within the building will be ensured at all times;

In consideration of SOH Heritage Guidelines for Outdoor Events:

- White marquees have been replaced with black
- The use of high fencing only in the places where it's deemed necessary for crowd, safety and security management

Further information is in the Outdoor Event Guide, Section 6 and SOH Outdoor Events & Activities – Heritage Guidelines/Key Performance Indicators.

4.4 Noise Management

The success of the Sydney Opera House outdoor events program relies heavily on a responsible approach to noise management.

Noise from the event will be managed and monitored in accordance with the Noise Management Plan and the event-specific Noise Management Sub-Plan and all applicable conditions. Complaints to the event hotline during the event will be relayed to SOH Event Control Room in real time, for coordination of prompt and appropriate action.

4.5 Traffic Management

Traffic will be managed in accordance with the Event Traffic Management Plan at Attachment 5. Further details are in section 5 below.

4.6 Crowd Management

Crowd management will be in accordance with the SOH Security, Crowd and Emergency Management Plan as applicable to the Event, available upon request.

4.7 Complaint Management

All complaints relating to the event will be managed in accordance with the applicable conditions, the Noise Management Plan (as applicable) and the Sydney Opera House Customer Feedback Policy.



5 SAFETY SECURITY & RISK

5.1 Security

- A detailed Security, Crowd & Emergency Management Plan is prepared by SOH for internal purposes
- Prohibited activities are set out in SOHT By-law. Authorised Officers have search powers and may issue directions to leave the site.
- SOH Security works closely with NSW Police and other relevant agencies to ensure appropriate safety and security measures are implemented for the precinct.
- Security Providers
 - o SOH Security
 - o Constant Security
 - o Constant Event Logistics
 - o NSW User Pays Police during performance times
- Approximately 50 security guards and two User Pays Police.
- All bags checked on entry including random x-ray scanning.
- SOH FOH Staff to provide customer service, including providing information and directions, at front of site.

5.2 Transport & Traffic Management

- All patrons are encouraged to take public transport
- No road closures in place
- SOH roadway closed to all vehicles except Event production vehicles
- SOH buggies and accessible bus operate outside performance times
- No vehicles on SOH roadway from Gate Open times
- Road accessible at all times to emergency services
- Notification of performance times sent via Visitor Services to Wilson Car park

5.3 Pedestrian Management

- No access across Forecourt from approx. 3pm on performance day
- All accessible drop off/pick up at Gatehouse and SOH underground Loading dock
- Artist parking next to entrance to back of house compound on forecourt
- SOH Accessible bus via SOH underground Loading dock
- Clearly signed separation of Event audiences at ingress points
- The travel paths are to be wide enough to accommodate the expected populations
- Separation strategies of pedestrians and vehicle traffic during each phase of the Event
- See Outdoor Event Guide section 3



5.4 Audience Movement

Normal Conditions:

- Ingress
 - Five lanes of entry at ticket check . Bag Search at site entry, no search at concert entry
 - Gates open early to facilitate a staggered ingress across one and a half hours prior to main act starting.
- Egress
 - Exit via Gates on Western Forecourt & SOH Road

Emergency Conditions:

- Egress/ Emergency Assembly Areas
 - SOH Road & Gate on Western Forecourt/RBG
 - Locations for Emergency Assembly points are determined for each major event. For this Event, for SOH staff, contractors and hirers, the assembly point will be the Eastern end Vehicle Concourse. For ticket holders and general public, East Circular Quay becomes the primary assembly area and the secondary assembly area is the Royal Botanic Gardens.

5.5 Command & Control

- SOH Control Room 24 hours a day Ph: 9250 7200
- SOH Event Control Room 9250 7299
(operational during performance times to support SOH Control Room)
- Event Hotline 9250 7113



6 LIGHTING MANAGEMENT

6.1 Lighting set-up

Professional lighting companies and experienced lighting engineers are engaged in the planning and set-up of lighting. SOHT ensure compliance with all applicable planning, environment and heritage conditions.

6.2 Emergency Lighting Tower

- Seven Emergency lighting towers will be placed around the site for egress of patrons
- In case of emergency the emergency lighting towers will be activated to ensure safe egress

6.3 General Site Lighting

- Suitable work lights will be installed for the safe operations of the site at night time
- Back of house work lights not to spill into neighbouring areas
- No lights to shine into nearby resident apartments
- Site lighting will have no adverse impact on the surrounding Environment , Aviation, Maritime or General Public

6.4 Lighting Standards

- AS/NZ1158.3: 1999 Pedestrian Area (Category P) Lighting
- AS4282: 1997 Control of the Obtrusive Effects of Outdoor Lighting



7 HEALTH & SAFETY

7.1 Third parties

Hirers, contractors and performing companies undertaking business at the Opera House must comply with the *Work Health and Safety Act 2011* (NSW). They must take all practicable steps to ensure that the health and safety of their own workers and other persons are not put at risk from work carried out as part of the conduct of their business or undertaking in relation to the Event.

7.2 SOH Safety Management

- Opera House Event Safety Team has a number of Event Safety Officers who oversee safety assurance for outdoor events
- The team has a focus on both worker safety and public safety for all events
- It is a requirement that all persons undertaking work onsite complete an Opera House Site Induction prior to commencement of work. This is either completed online and/or provided onsite by SOH Event Safety Officers
- All contractors and suppliers coming on site must be aware and comply with the WHS Act and relevant, regulations and codes of practice and standards
- Each SOH shift to commence with a “Tool Box Talk” incorporating the safety briefing
- All workers to wear high visibility vests and fully enclosed boots with non-slip soles whilst inside work zones
- Additional PPE requirements or deviations from SOH requirements by workers are identified and addressed in the Production Risk Assessment and/or Safe Work Method Statement
- Hard hats are to be worn if work is being conducted inside the exclusion zones for overhead work
- All electrical equipment and temporary installations must comply with the WHS Regulation 2011 Part 4.7 and Division 3, 4, 5, the Code of Practice “Managing electrical risks in the workplace”
- All incidents are reported via the Opera House’s online reporting system
- Further details are in the Outdoor Event Guide, Section 10

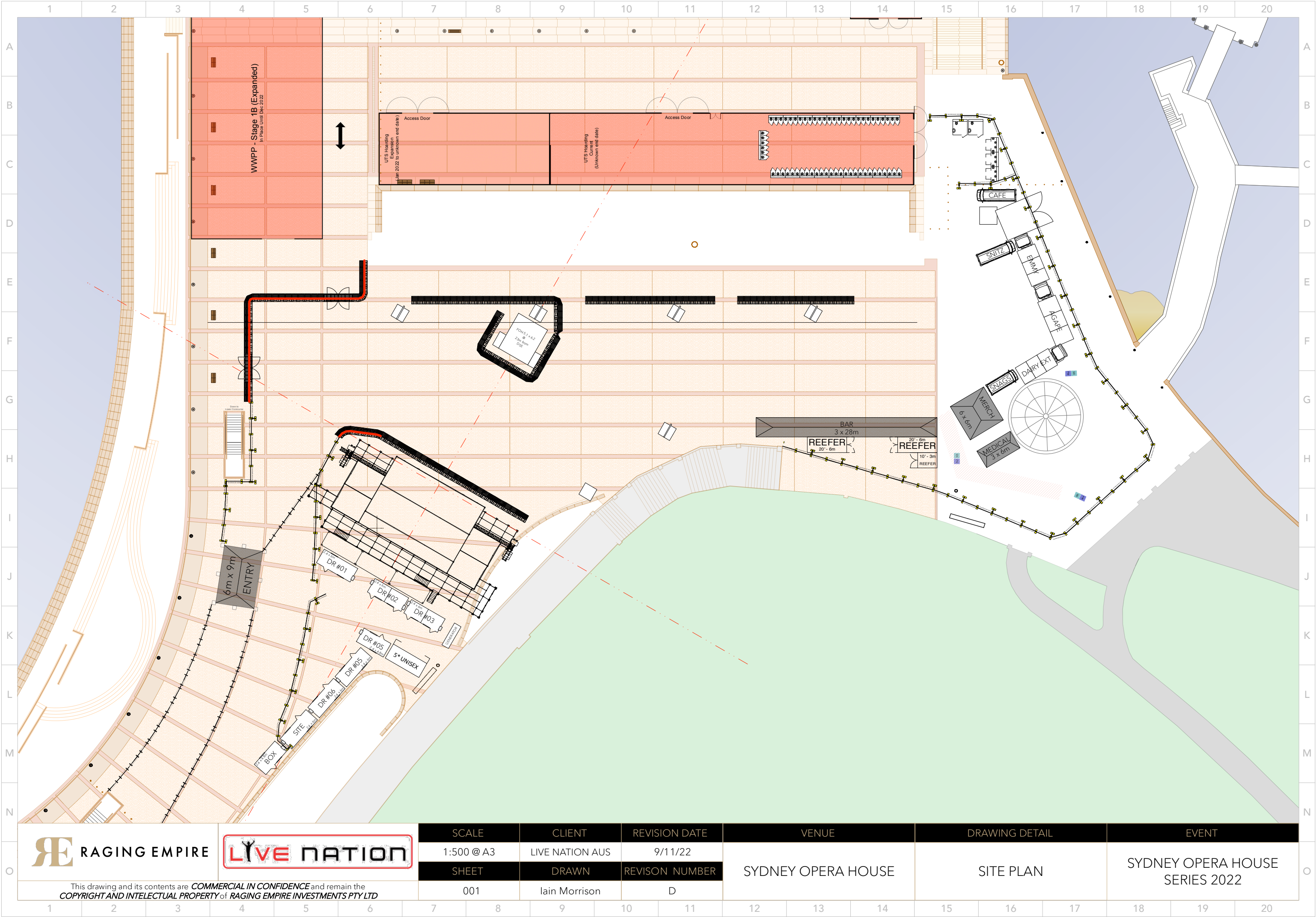
7.3 Safety Risk Management

- SOH provides a Standard Site Risk Assessment to assist in the development of the hirer’s Production risk assessment, which includes risk identification, risk analysis and risk elimination or control
- Production risk assessment must include the risks identified in the SOH Standard Site Risk Assessment
- Hirer and Contractors must provide Safe Work Method Statements for high risk tasks and Job Safety Analyses or Safe Work Procedures for the individual tasks that they will be undertaking during the Event
- Qualified Engineer sign-off required for all temporary structures
- Maximum load limits to be adhered to across the site
- Temporary structures must be wind rated and documented in the Wind Management Plan. Wind monitoring undertaken during all phases of the Event
- Further details are in the Outdoor Event Guide



8 OTHER SOH VENUES PERFORMANCES

Date	FCT Activity	FCT Time	Internal Performances
Wed 30th Nov	Event Bump-in	0800-1730	CH 8pm Air Supply PH 7pm JFL ST 7.15pm JFL
Thurs 1 Dec	Event Bump-in	8am - midnight	CH 9pm Sharon Van Etten JST 7.30pm TAB PH 7pm JFL ST 7.15pm & 9.30 JFL
Fri 2 Dec	Event Bump-in	8am - midnight	CH 7pm JFL JST 7.30pm TAB PH 7pm & 9.15 JFL ST 7.15pm & 9.30 JFL
Sat 3 Dec	Performance Pixies	Setup 0800, Gates Open 1830, finish 2200, strike 0000	CH 7pm JFL JST 1.30pm 7.30pm TAB PH 7pm & 9.15 JFL ST 7.15pm & 9.30 JFL
Sun 4 Dec	Performance Pixies	Setup 0800, Gates Open 1830, finish 2200, strike 0000	CH 7pm Kamasi ST 7pm JFL TBC
Mon 5 Dec	Performance Jack Johnson	Setup 0800, Gates Open 1730, finish 2200, strike 0000	JST 6.30pm TAB
Tues 6 Dec	Performance Jack Johnson	Setup 0800, Gates Open 1730, finish 2200, strike 0000	JST 6.30pm TAB
Wednesday 7 Dec	Performance Jack Johnson	Setup 0800, Gates Open 1730, finish 2200, strike 0000	CH 8pm SSO JST 1.30 & 7.30pm TAB
Thursday 8 Dec	Performance Emma Memma	Gates 1.30pm for 3pm Gates 5pm for 6.30pm	CH 10am Scots College CH 8pm SSO JST 7.30pm TAB
Fri 9 Dec	Performance 5SOS	Setup 0800, Gates Open 1800, finish 2200, strike 0000	CH 10am Cheltenham Girls CH 8pm SSO JST 7.30pm TAB
Sat 10 Dec	Performance 5SOS	Setup 0800, Gates Open 1800, finish 2200, strike 0000	CH 1pm SPC CH 8pm SSO JST 1.30pm & 7.30pm TAB
Sun 11 Dec	No activity		CH 1pm SPC CH 9pm Wombats
Mon 12 Dec	Performance Icehouse	Setup 0800, Gates Open 1800, finish 2200, strike 0000	CH 10.30am PLC JST 7.30pm TAB
Tues 13 Dec	Event Bump out		JST 7.30pm TAB PH 10.30,12.45,3.15pm Caterpillar ST 7.30pm Christmas



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SCALE	CLIENT	REVISION DATE	VENUE	DRAWING DETAIL	EVENT
1:500 @ A3	LIVE NATION AUS	9/11/22	SYDNEY OPERA HOUSE	SITE PLAN	SYDNEY OPERA HOUSE SERIES 2022
SHEET 001	DRAWN Iain Morrison	REVISION NUMBER D			

Production Schedule

Event Number: **55748**

Hirer:	Live Nation Australasia Pty Ltd	AX		LX	
Event:	Live Nation Summer Series 2022	MX		SM	
Venue(s):	SOH Forecourt Area (All)	F		TS	
Date(s):	30 Nov 22 - 15 Dec 22				

Contact	Name	Phone	Mobile
Production Manager:	Phil Riddett	02 9250 7477	0412 044 781
Primary Contact:	Tracy Askew	(SOH) x7121	0417 298 977
Event Operations:	Niki Williams	02 9250 7350	0456 590 012
Hirer Contact:	Tony Hopkinson	+61 3 8632 2579	

Schedule

Tue 29 Nov SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
07:00	23:00	Install granite wall protection		BOPS
07:00	23:00	Dilapidation report		BOPS
10:30	11:30	Survey stage points		LNA
11:00	00:00	Cleaners please note - No FCT scrub		
11:00	12:00	2 Forklifts delivered	.	.
11:00	12:00	CCB delivered	.	.

Wed 30 Nov SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
00:00	08:00	Cleaners please note - No FCT scrub		
07:00	08:00	BOPS lift sewer & water pits		BOPS
07:00	18:30	SOH ESO & Site Manager call		
07:30	14:00	Traffic management on site	LNA	2 SEAA
07:30	18:00	Safety officer on site	LNA	1 SEAA
08:00	18:00	Bump-in as per Live Nation schedule		Tara
08:30	10:00	Containers delivered		Royal Wolf
09:30	09:30	Fencing install begins		TFH
10:00	12:30	Site sheds delivered		Coates
10:30	10:30	Stage build begins		Stageset
11:30	11:30	BOH toilet delivered		Splashdown
12:00	16:00	Install BOH & F&B internet		1T, 1PS
17:30	08:00	Security - Asset protection		
18:00	18:00	Work concludes on site		

Thu 1 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
07:30	18:30	SOH ESO & Site manager call		
07:45	18:00	Safety officer on site	LNA	1 SEAA
08:00	18:00	Bump-in as per Live Nation schedule		
08:00	18:00	Stage build continues		Stageset
09:30	09:30	Marquees set-up commences		Pattis
11:30	11:30	Ticket office delivered		
12:00	12:00	Toilet setup commences		Splashdown
17:30	08:00	Security Asset Protection		
18:00	18:00	Work concludes on site		

Fri 2 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
07:30	18:30	SOH ESO & Site manager call		
08:00	08:00	Mojo install commences		Mojo
08:00	18:00	Production Bump-in - LX,AX,AV		
08:00	18:00	Bump-in as per Live Nation schedule		
09:30	11:30	PS set Event Control room		1ps
10:00	14:00	Complete ticket office set-up		1PS, 1TX
10:30	16:30	Crane on site - overhead work		
17:30	08:00	Security Asset Protection		
18:00	18:00	Work concludes on site		

Sat 3 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
07:30	13:30	SOH Site Manager call		S2S
07:30	18:30	SOH ESO call		S2S
08:00	08:00	Production load-in commences		
08:00	18:00	setup		
10:00	13:00	PA test & tune	Time TBC	
10:00	22:30	Sound Monitoring operational		PAP
10:00	22:30	SOH AX on site		1AX
13:00	23:00	Venue Liaison Manager call		1SM
14:00	18:00	Sound checks		
14:00	18:30	Secure & close site		
15:30	23:00	front of house		
16:00	22:30	Constant Logistics		
16:00	23:00	SOH Security		
16:30	16:30	First Aid commences on site		First on Scene
16:30	23:00	Constant Security		
18:00	22:00	venue open		
18:00	22:30	<i>merchandise sales</i>		
18:30	22:00	Pixies		
18:30	19:20	<i>Support Act 1 Klangstof</i>		
19:20	20:20	<i>support act</i>		
20:20	22:00	<i>The Pixies</i>		
21:30	23:00	reset		
21:30	14:30	Security Asset Protection		

Sun 4 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
11:00	11:00	Work commences on site		
14:00	18:30	Secure & close site		
14:00	23:00	Venue Liaison Manager call		1SM
16:00	22:30	SOH AX on site		1AX
16:00	22:30	Sound Monitoring operational		PAP
16:00	23:00	SOH Security		
16:00	23:00	front of house		
16:30	16:30	First Aid commences on site		First on Scene
16:30	22:30	Constant Logistics		
16:30	23:00	Constant Security		
18:00	22:00	venue open		
18:00	22:30	<i>merchandise sales</i>		
18:30	22:00	Pixies		
18:30	19:20	<i>Support Act 1 - Klangstof</i>		
19:20	20:20	<i>support act</i>		
20:20	22:00	<i>The Pixies</i>		
20:30	00:30	SOH ESO Call		
21:30	08:00	Security Asset Protection		
22:00	00:00	Production load-out - Pixies		

Mon 5 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
07:30	17:30	ESO call		
08:00	08:00	Production bump-in commences		
08:00	18:00	setup		
11:00	23:00	Venue Liaison Manager call		1SM
12:00	22:30	SOH AX on site		1AX
12:00	22:30	Sound Monitoring operational		PAP
13:00	17:30	Secure & close site		
14:00	17:30	Sound checks	Times TBC	
15:30	23:00	SOH Security		
15:30	23:00	front of house		
16:00	22:30	Constant Logistics		
16:00	23:00	Constant Security		
16:30	16:30	First Aid commences on site		First on Scene
17:30	22:00	venue open		
17:30	22:30	<i>merchandise sales</i>		
18:00	22:00	Jack Johnson		
18:00	18:30	<i>Support Act 1</i>	.	.
18:30	18:45	<i>changeover</i>		
18:45	19:30	<i>Support Act 2</i>		
19:30	20:00	<i>changeover</i>		
20:00	22:00	<i>Jack Johnson</i>		
21:30	14:30	Security Asset Protection		
22:00	23:00	reset		

Tue 6 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
08:00	18:00	setup		
13:00	17:30	Secure & close site		
13:00	23:00	Venue Liaison Manager call		1SM
15:00	22:30	SOH AX on site		1AX
15:00	22:30	Sound Monitoring operational		PAP
15:30	23:00	SOH Security		
15:30	23:00	front of house		
16:00	22:30	Constant Logistics		
16:00	23:00	Constant Security		
16:30	16:30	First Aid commences on site		First on Scene
17:30	22:00	venue open		
17:30	22:30	<i>merchandise sales</i>		
18:00	22:00	Jack Johnson		
18:00	18:30	<i>Support Act 1</i>		
18:30	18:45	<i>changeover</i>		
18:45	19:30	<i>Support Act 2</i>		
19:30	20:00	<i>changeover</i>		
20:00	22:00	<i>Jack Johnson</i>		
21:30	14:30	Security Asset Protection		
22:00	23:00	reset		

Wed 7 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
08:00	18:00	setup		
13:00	17:30	Secure & close site		
13:00	23:00	Venue Liaison Manager call		1SM
15:00	22:30	SOH AX on site		1AX
15:00	22:30	Sound Monitoring operational		PAP
15:30	23:00	SOH Security		
15:30	23:00	front of house		
16:00	22:30	Constant Logistics		
16:00	23:00	Constant Security		
16:30	16:30	First Aid commences on site		First on Scene
17:30	19:30	venue open		
17:30	22:30	<i>merchandise sales</i>		
17:45	22:00	Jack Johnson		
18:00	18:30	<i>Support Act 1</i>		
18:30	18:45	<i>changeover</i>		
18:45	19:30	<i>Support Act 2</i>		
19:30	20:00	<i>changeover</i>		
20:00	22:00	<i>Jack Johnson</i>		
20:30	00:30	SOH ESO call		
21:30	08:00	Security Asset Protection		
22:00	00:00	Production load-out - Jack Johnson		

Thu 8 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
07:30	11:30	Setup		
07:30	11:30	SOH ESO call		
08:00	08:00	Production load-in commences		
09:30	10:30	set pram parking		
09:30	13:30	Secure & close site		
09:30	21:00	Venue Liaison Manager call		
10:00	19:30	SOH AX on site		1AX
10:00	19:30	Sound Monitoring operational		PAP
11:30	20:00	SOH Security		
11:30	20:00	Constant Logistics		
11:30	20:00	front of house		
12:00	12:00	First Aid commences on site	Time TBC	First on Scene
12:00	20:00	Constant Security		
13:30	15:00	pram parking		
13:30	15:00	venue open		
13:30	16:15	<i>merchandise sales</i>		
15:00	15:45	Emma Memma		
15:45	16:45	reset		
16:45	18:15	pram parking		
16:45	18:15	venue open		
16:45	19:45	<i>merchandise sales</i>		
18:15	19:00	Emma Memma		
18:30	22:30	SOH ESO call		
19:00	21:00	Production load-out		
19:30	08:00	Security Asset Protection		

Fri 9 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
07:30	16:30	SOH ESO call		
07:30	18:00	site/safety production		
08:00	08:00	Production bump-in commences		
08:00	18:00	setup		
11:00	23:00	Venue Liaison Manager call		1SM
12:00	22:30	SOH AX on site		1AX
12:00	22:30	Sound Monitoring operational		PAP
14:00	18:00	Sound checks		
14:00	18:30	Secure & close site		
16:00	23:00	front of house		
16:00	23:00	SOH Security		
16:30	16:30	First Aid commences on site		First on Scene
16:30	22:30	Constant Logistics		
16:30	23:00	Constant Security		
18:00	19:30	venue open		
18:00	22:30	<i>merchandise sales</i>		
18:30	21:50	5SOS		
18:30	18:45	<i>Pacific Avenue</i>		
18:45	19:00	<i>changeover</i>		
19:00	19:30	<i>May-A</i>		
19:30	20:00	<i>changeover</i>		
20:00	21:50	5SOS		
21:30	08:00	Security Asset Protection		
21:50	23:00	reset		

Sat 10 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
08:00	18:00	setup		
14:00	18:30	Secure & close site		
15:00	23:00	Venue Liaison Manager call		1SM
16:00	22:30	SOH AX on site		1AX
16:00	22:30	Sound Monitoring operational		PAP
16:00	23:00	SOH Security		
16:00	23:00	front of house		
16:30	16:30	First Aid commences on site		First on Scene
16:30	22:30	Constant Logistics		
16:30	23:00	Constant Security		
18:00	19:30	venue open		
18:00	22:30	<i>merchandise sales</i>		
18:30	21:50	5SOS		
18:30	18:45	<i>Pacific Avenue</i>		
18:45	19:00	<i>changeover</i>		
19:00	19:30	<i>May-A</i>		
19:30	20:00	<i>changeover</i>		
20:00	21:50	5SOS		
20:30	00:30	SOH ESO call		
21:30	08:00	Security Asset Protection		
21:50	00:00	Production load-out - 5SOS		

Sun 11 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
00:00	00:00	no activity		
07:30	19:30	Security Asset Protection		
19:30	21:30	5SOS (option) - not proceeding		
19:30	08:00	Security Asset Protection		

Mon 12 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
07:30	18:00	SOH ESO call		
07:30	18:00	SOH ESO call		
08:00	08:00	Production bump-in commences		
08:00	18:00	setup		
11:00	23:00	Venue Liaison Manager call		1SM
12:00	22:30	SOH AX on site		1AX
12:00	22:30	Sound Monitoring operational		PAP
14:00	17:30	Sound checks		
14:00	18:30	Secure & close site		
15:30	23:00	SOH Security		
15:30	23:00	front of house		
16:00	22:30	Constant Logistics		
16:00	23:00	Constant Security		
16:30	16:30	First Aid commences on site		First on Scene
17:30	22:00	venue open		
17:30	22:30	<i>merchandise sales</i>		
18:00	22:00	Icehouse		
18:25	18:25	<i>Support Act 1 Karen Lee Andrews</i>		
18:25	18:45	<i>changeover</i>		
18:45	19:45	<i>Support Act 2 - Mark Seymour</i>		
19:45	20:15	<i>Changeover</i>		
20:15	22:00	<i>Icehouse</i>		
20:30	00:30	SOH ESO call		S2S
21:30	09:00	Security Asset Protection		
22:00	00:00	Production load-out commences		AX, AV, LX
22:00	00:00	Strike box office	.	1PS, 1TX
22:00	00:00	Production load-out - Icehouse		

Tue 13 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
07:30	18:30	site/safety production		
07:30	18:30	SOH ESO & Site Manager Call		2 S2S
07:45	18:00	Safety office on site	LNA	1SEA
08:00	10:00	Strike EWIS, BOH, complete Box Office strike		
08:00	18:00	bump-out		
08:00	18:00	Stage strike commences	.	.
08:00	18:00	Bump-out as per LNA schedule		
09:00	12:00	Production load-out completed	.	.
19:00	08:00	Security Asset Protection		

Wed 14 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
07:30	09:30	Replace remaining pit lids		
07:30	18:30	SOH ESO & Site Manager call		
08:00	18:00	Bump-out as per LNA schedule		
17:30	08:00	Security Asset Protection		

Thu 15 Dec SOH Forecourt Area (All)				
Start	End	Activity	Notes	Crew
08:00	18:00	bump-out	.	.

Security

Thu 1 Dec		SOH Forecourt Area (All)	
17:30	8:00	1 x Contractor-Constant Security	15 HR
Fri 2 Dec		SOH Forecourt Area (All)	
17:30	8:00	1 x Contractor-Constant Security	15 HR
Sat 3 Dec		SOH Forecourt Area (All)	
13:30	18:30	2 x Contractor-Constant Security	5 HR
16:00	22:30	6 x Contractor-Constant Event Staff	7 HR
16:00	23:00	1 x SOH Security Manager	7 HR
16:00	23:00	4 x SOH Security Officer	7 HR
16:30	22:30	15 x Contractor-Constant Security	6 HR
16:30	22:30	6 x Contractor-Constant Security	6 HR
16:30	23:00	1 x Contractor-Constant Security Supervisor	7 HR
16:30	23:00	9 x Contractor-Constant Security	7 HR
16:30	23:00	1 x Contractor-Constant Security Supervisor	7 HR
21:30	14:30	1 x Contractor-Constant Security	17 HR
13:30	18:30	1 x SOH Security Officer	5 HR
Sun 4 Dec		SOH Forecourt Area (All)	
13:30	18:30	2 x Contractor-Constant Security	5 HR
16:00	23:00	1 x SOH Security Manager	7 HR
16:00	23:00	4 x SOH Security Officer	7 HR
16:30	22:30	15 x Contractor-Constant Security	6 HR
16:30	22:30	6 x Contractor-Constant Security	6 HR
16:30	22:30	6 x Contractor-Constant Event Staff	6 HR
16:30	23:00	1 x Contractor-Constant Security Supervisor	7 HR
16:30	23:00	9 x Contractor-Constant Security	7 HR
16:30	23:00	1 x Contractor-Constant Security Supervisor	7 HR
13:30	18:30	1 x SOH Security Officer	5 HR
21:30	8:00	1 x Contractor-Constant Security	11 HR
Mon 5 Dec		SOH Forecourt Area (All)	
12:30	17:30	2 x Contractor-Constant Security	5 HR
15:30	23:00	4 x SOH Security Officer	8 HR
16:00	22:30	15 x Contractor-Constant Security	7 HR
16:00	22:30	6 x Contractor-Constant Security	7 HR
21:30	14:30	1 x Contractor-Constant Security	17 HR
12:30	17:30	1 x SOH Security Officer	5 HR
15:30	23:00	1 x SOH Security Manager	8 HR
16:00	22:30	6 x Contractor-Constant Event Staff	7 HR
16:00	23:00	1 x Contractor-Constant Security Supervisor	7 HR
16:00	23:00	9 x Contractor-Constant Security	7 HR
16:00	23:00	1 x Contractor-Constant Security Supervisor	7 HR
Tue 6 Dec		SOH Forecourt Area (All)	
12:30	17:30	2 x Contractor-Constant Security	5 HR
15:30	23:00	4 x SOH Security Officer	8 HR
16:00	22:30	15 x Contractor-Constant Security	7 HR
16:00	22:30	6 x Contractor-Constant Security	7 HR
21:30	14:30	1 x Contractor-Constant Security	17 HR
12:30	17:30	1 x SOH Security Officer	5 HR

15:30	23:00	1 x SOH Security Manager	8	HR
16:00	22:30	6 x Contractor-Constant Event Staff	7	HR
16:00	23:00	1 x Contractor-Constant Security Supervisor	7	HR
16:00	23:00	9 x Contractor-Constant Security	7	HR
16:00	23:00	1 x Contractor-Constant Security Supervisor	7	HR
Wed 7 Dec SOH Forecourt Area (All)				
12:30	17:30	2 x Contractor-Constant Security	5	HR
15:30	23:00	4 x SOH Security Officer	8	HR
16:00	22:30	15 x Contractor-Constant Security	7	HR
16:00	22:30	6 x Contractor-Constant Security	7	HR
21:30	8:00	1 x Contractor-Constant Security	11	HR
12:30	17:30	1 x SOH Security Officer	5	HR
15:30	23:00	1 x SOH Security Manager	8	HR
16:00	22:30	6 x Contractor-Constant Event Staff	7	HR
16:00	23:00	1 x Contractor-Constant Security Supervisor	7	HR
16:00	23:00	9 x Contractor-Constant Security	7	HR
16:00	23:00	1 x Contractor-Constant Security Supervisor	7	HR
Thu 8 Dec SOH Forecourt Area (All)				
9:30	13:30	1 x SOH Security Officer	4	HR
9:30	13:30	2 x Contractor-Constant Security	4	HR
11:30	20:00	1 x SOH Security Manager	9	HR
11:30	20:00	4 x SOH Security Officer	9	HR
11:30	20:00	8 x Contractor-Constant Event Staff	9	HR
12:00	20:00	1 x Contractor-Constant Security Supervisor	8	HR
12:00	20:00	15 x Contractor-Constant Security	8	HR
12:00	20:00	1 x Contractor-Constant Security Supervisor	8	HR
19:00	8:00	1 x Contractor-Constant Security	13	HR
Fri 9 Dec SOH Forecourt Area (All)				
13:30	18:30	2 x Contractor-Constant Security	5	HR
16:00	23:00	4 x SOH Security Officer	7	HR
16:30	22:30	15 x Contractor-Constant Security	6	HR
16:30	22:30	6 x Contractor-Constant Security	6	HR
21:30	14:30	1 x Contractor-Constant Security	17	HR
13:30	18:30	1 x SOH Security Officer	5	HR
16:00	23:00	1 x SOH Security Manager	7	HR
16:30	22:30	6 x Contractor-Constant Event Staff	6	HR
16:30	23:00	1 x Contractor-Constant Security Supervisor	7	HR
16:30	23:00	1 x Contractor-Constant Security Supervisor	7	HR
16:30	23:00	9 x Contractor-Constant Security	7	HR
Sat 10 Dec SOH Forecourt Area (All)				
13:30	18:30	2 x Contractor-Constant Security	5	HR
16:00	23:00	4 x SOH Security Officer	7	HR
16:30	22:30	15 x Contractor-Constant Security	6	HR
16:30	22:30	6 x Contractor-Constant Security	6	HR
13:30	18:30	1 x SOH Security Officer	5	HR
16:00	23:00	1 x SOH Security Manager	7	HR
16:30	22:30	6 x Contractor-Constant Event Staff	6	HR
16:30	23:00	1 x Contractor-Constant Security Supervisor	7	HR
16:30	23:00	1 x Contractor-Constant Security Supervisor	7	HR

16:30	23:00	9 x Contractor-Constant Security	7	HR
21:30	8:00	1 x Contractor-Constant Security	11	HR
Sun 11 Dec SOH Forecourt Area (All)				
7:30	19:30	1 x Contractor-Constant Security	12	HR
19:30	8:00	1 x Contractor-Constant Security	13	HR
Mon 12 Dec SOH Forecourt Area (All)				
13:30	18:30	2 x Contractor-Constant Security	5	HR
15:30	23:00	1 x SOH Security Manager	8	HR
15:30	23:00	4 x SOH Security Officer	8	HR
16:00	22:30	15 x Contractor-Constant Security	7	HR
16:00	22:30	6 x Contractor-Constant Security	7	HR
16:00	22:30	6 x Contractor-Constant Event Staff	7	HR
16:00	23:00	1 x Contractor-Constant Security Supervisor	7	HR
16:00	23:00	1 x Contractor-Constant Security Supervisor	7	HR
16:00	23:00	9 x Contractor-Constant Security	7	HR
21:30	9:00	1 x Contractor-Constant Security	12	HR
13:30	18:30	1 x SOH Security Officer	5	HR
Tue 13 Dec SOH Forecourt Area (All)				
19:00	8:00	1 x Contractor-Constant Security	13	HR
Wed 14 Dec SOH Forecourt Area (All)				
17:30	8:00	1 x Contractor-Constant Security	15	HR

TRAFFIC MANAGEMENT PLAN

Sydney Opera House

Forecourt

Version 2: 5/11/2017

Document Prepared By:

Matt Giles – event services international Pty Ltd

RMS – Prepare a Work Zone Traffic Management Plan

Licence No: 0024952469

Traffic Management Plan

The following Traffic and Transport Management Plan, known as the TMP, outlines the intended management of Traffic and Transport for events located on the Sydney Opera House (SOH) Forecourt. Temporary changes to normal road conditions for the delivery of the activities at designated event site.

This TMP acts as the prime document detailing the traffic and transport management arrangements under which an event is to proceed. All functional or single agency supporting plans are to be developed and recognise the primacy of the TMP, and nothing contained in those plans should contravene any aspect of the TMP.

This TMP is created, and implemented in accordance with Australian Standard AS 1742.3 and the RTA “Traffic Control at Worksites” manual.

Site Overview

All staff working onsite to be given an induction by the SOH Site Manager before commencing their shift. No staff / suppliers are to gain access to the site without first having been inducted.

At all times during the Bump In / Out and Event phases, access must be maintained to the Royal Botanic Gardens and Vehicle Concourse, unless unsafe for the public.

Depending on the type of Event, and the layout of the Event, measures including but not limited to: fencing, crowd control barriers, signage, spotters will be deployed to keep pedestrian and vehicular traffic / site operations separate.

All infrastructure deployed within Heritage guidelines

Bump In / Out

PHASE 1: Site access for event vehicles is managed via the Security Gatehouse off Macquarie Street. Once identification is confirmed, the Security Gatehouse radios through to the Sydney Opera House (SOH) site manager. At this point the SOH site manager advises the Security Gatehouse if onsite access is permitted. If access is not immediately permitted, the vehicle is either held at the security gatehouse temporarily or asked to leave the site. The security gatehouse has sufficient space to hold 10x standard cars or 4x heavy rigid trucks.

STAGE 2: Once permission to access the site is granted, hazard lights must be turned on before entering the premises and a speed limit of walking pace to be kept at all times. Vehicles are directed along the roadway to make contact with SOH site manager where they will receive instructions on where they will be placed. Any vehicle movements that are not located on the roadway must have ‘a walker’ in front directing public. Vehicle movement is to be kept to a minimum at times of large public crowds, site and public safety is HIGH priority.

STAGE 3: Vehicles leaving the site that is located in a public accessible area must have ‘a walker’ back to the roadway with hazard lights operating. Radio communication to the Security Gatehouse is not required for egressing vehicle movements.

OPTIONAL:

- The roadway leading from the Gatehouse to the Vehicle Concourse may be lined with Crowd Control Barriers (CCB) on one or both sides of the road, depending on the needs of the event.
- A traffic controller managing site access onto the forecourt may be required for events that have frequent vehicle movements on and off of site.
- Site Variable Message Boards to assist with public detour / notification of event implications

Event

No access to site for event vehicles while event is in operation - any activities must be completed without the movement of vehicles onsite.

Radios

Event staff, supervisors and security will be contactable by 2-way radio at all times. Re-charged batteries will be available as required during the day. Vehicles movements onto site will be managed by radio communications.

Emergency Services Access

EMERGENCY SERVICES VEHICLES – will have a 4m access corridor through the event site during the event.

Attachments

SOH Forecourt Event Overview Map – A detailed map showing all aspects relating to the event footprint and movements of affected vehicles.

Approval

TMP Approved by Event Organiser Date