

Prepared for John Holland Group

## Independent Audit 2

# Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre

SSD-10831778, NSW

July 2023

Project Number: 22-286

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



## Document verification

Project Title: Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre

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# Table of Contents

<b>Executive summary .....</b>	<b>iii</b>
<b>1. Introduction.....</b>	<b>1</b>
1.1. Background .....	1
1.2. Audit team.....	2
1.3. Objectives .....	2
1.3.1. Audit scope and period .....	2
<b>2. Audit methodology .....</b>	<b>3</b>
2.1. Selection of the audit team.....	3
2.2. Independent audit scope development .....	3
2.3. Compliance evaluation .....	3
2.4. Site interviews .....	3
2.5. Site inspections .....	4
2.6. Consultation.....	4
2.7. Compliance status descriptors.....	4
<b>3. Audit findings.....</b>	<b>5</b>
3.1. Approval and documents list.....	5
3.2. Compliance performance .....	8
3.3. Summary of agency notices, orders, penalty notices or prosecutions .....	8
3.4. Non compliances .....	8
3.5. Previous audit recommendations .....	10
3.6. Environmental plans, sub plans and post approval documents .....	11
3.6.1. Construction Environmental Management Plans (CEMP) B15.....	12
3.6.2. Construction Traffic and Pedestrian Management Plan (CTPMP) B17 .....	12
3.6.3. Construction Noise and Vibration Management Plan (CNVMP) B18 .....	12
3.6.4. Construction Waste Management Plan (CWMP) B19.....	13
3.6.5. Construction Soil and Water Management Plan (CSWMP) B20 .....	13
3.6.6. Aboriginal Heritage Management Plan (AHMP) B21 .....	13
3.6.7. Flood Emergency Response Plan (FERP) B22 .....	13
3.7. Environmental performance .....	14
3.8. Consultation outcomes .....	14
3.9. Complaints.....	14
3.10. Incidents .....	14
3.11. Actual versus predicted impacts.....	15

3.12.	Site inspection .....	19
3.13.	Site interviews .....	20
3.14.	Previous annual review or compliance report recommendations.....	20
3.15.	Improvement opportunities.....	20
3.16.	Key strengths.....	20
<b>4.</b>	<b>Recommendations .....</b>	<b>21</b>
4.1.	Summary of compliance and non-compliances against conditions.....	21
<b>5.</b>	<b>Conclusion .....</b>	<b>23</b>
<b>Appendix A Auditor CV .....</b>		<b>A-I</b>
<b>Appendix B Audit table.....</b>		<b>B-I</b>
<b>Appendix C Site photos.....</b>		<b>C-I</b>
<b>Appendix D Audit consultation .....</b>		<b>D-I</b>
<b>Appendix E Statement of Independence .....</b>		<b>E-I</b>

**Table**

Table 2-1	Compliance status descriptors .....	4
Table 3-1	Compliance performance.....	8
Table 3-2	Non-compliances.....	8
Table 3-3	Previous audit recommendations.....	10
Table 4-1	Summary of non-compliances.....	21
Table 5-1	Compliance performance.....	23

## Executive summary

The Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre will be incorporated into the Randwick Health & Innovation Precinct. The Project was approved as a State Significant Development (SSD-10831778) and the Conditions of Consent were issued by the Minister of Planning on 17 December 2021. The approved Project includes the construction and operation of a new children's hospital and cancer centre, and the following:

- Construction and operation of a new nine storey hospital, including two levels of basement building, plus upper plant room to provide:
  - A new children's emergency department and emergency short-stay unit, accessible from Botany Street with direct links to new and existing services
  - A new children's intensive care unit
  - New inpatient units for medical and surgical specialties
  - A new medical short-stay unit
  - A new pharmacy and pathology collection
  - Australia's first Minderoo Children's Comprehensive Cancer Centre including:
    - State-of-the-art technologically advanced wet and dry laboratory spaces
    - Education, training and research spaces
    - New oncology inpatient units, and patient and family focused retreat areas
    - A new day oncology unit
  - New front of house and retail facilities
  - Building identification signage zones.
- New High Street visitor drop off
- Integration via pedestrian skybridges with the Acute Services Building (approved under SSD-10339 and SSD-9113), currently under construction and with the proposed Health Translation Hub (HTH, SSD-10822510)
- Basement Ambulance access, loading dock, back of house and logistics services via Hospital Road
- Public domain and associated landscaping, including tree removal
- Associated site preparation, civil works and utilities services.

John Holland Group have been contracted to construct the Project on behalf of Health Infrastructure (HI).

An audit was undertaken to test compliance with the Conditions of Consent. The works were in the early stages of construction. Construction commenced on the 22 August 2022. This is the second independent audit of the project.

The audit period for this second audit is from 13 December 2022 (date of first audit) to the issuing of this audit report on the 28 July 2023.

The document review found that the Construction Environmental Management Plan and sub plans are relevant to the site and are being implemented. The site visit and site interviews found that the site was well managed, and staff understood their obligations in relation to Conditions of Consent.

In summary the audit found four non-compliances out of a total of 194 Conditions of Consent.

# 1. Introduction

## 1.1. Background

The Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre (the Project) will be incorporated into the Randwick Health & Innovation Precinct (RHIP). The Project will aid in strengthening the RHIP to become a world-class centre for health, research, and education-based, compassionate and holistic healthcare and wellness programs. These services will be accessed by the local community and residents of New South Wales (NSW).

The Project was approved as a State Significant Development (SSD-10831778) and the Conditions of Consent (CoC) were issued by the Minister of Planning on 17 December 2021. Consolidated CoC were issued following the determination of Modification 1 (Mod 1) on 30 November 2022. Mod 1 addressed Emergency Department Expansion, Solar Panels and Roof Design. Modification 2 (Mod 2) addressed minor design changes including Starlight foundation and was determined on 18 April 2023. Modification 3 is currently underway and will address minor design changes and landscaping changes, however falls outside the audit period and is therefore not included in this audit.

The approved Project includes the construction and operation of a new children's hospital and cancer centre, and the following:

- Construction and operation of a new nine storey hospital, including two levels of basement building, plus upper plant room to provide:
  - A new children's emergency department and emergency short-stay unit, accessible from Botany Street with direct links to new and existing services
  - A new children's intensive care unit
  - New inpatient units for medical and surgical specialties
  - A new medical short-stay unit
  - A new pharmacy and pathology collection
  - Australia's first Minderoo Children's Comprehensive Cancer Centre including:
    - State-of-the-art technologically advanced wet and dry laboratory spaces
    - Education, training and research spaces
    - New oncology inpatient units, and patient and family focused retreat areas
    - A new day oncology unit
  - New front of house and retail facilities
  - Building identification signage zones.
- New High Street visitor drop off
- Integration via pedestrian skybridges with the Acute Services Building (approved under SSD-10339 and SSD-9113), currently under construction and with the proposed Health Translation Hub (HTH, SSD-10822510)
- Basement Ambulance access, loading dock, back of house and logistics services via Hospital Road
- Public domain and associated landscaping, including tree removal
- Associated site preparation, civil works and utilities services.

John Holland Group (JHG) have been contracted to construct the Project on behalf of Health Infrastructure (HI).

### 1.2. Audit team

The site audit was undertaken by Nicola Smith, Audit Assistant. Natascha Arens, Exemplar Global Certified Lead Environmental Auditor, and Nicola Smith undertook the document review and audit reporting. Natascha has around 30 years' experience as an environmental professional and 20 years of auditing experience. Nicola has over 10 years' experience as an environmental professional.

Natascha's and Nicola's Curricula Vitae (CVs) are provided as Appendix A.

### 1.3. Objectives

The objective of this Independent Audit is to assess compliance with the conditions of consent, the implementation of environmental management plans and provide a summary of actual versus predicted impacts during the construction stage.

#### 1.3.1. Audit scope and period

The scope of the audit will include:

- An assessment of compliance of all the CoC relevant to the works at the time of the audit (as detailed in Appendix B)
- An assessment of the adequacy and implementation of the site environmental management plans including:
  - B15- Construction Environmental Management Plan (CEMP)
  - B17 – Construction Traffic and Pedestrian Management Plan (CTPMP)
  - B18 - Construction Noise and Vibration Management Plan (CNVMP)
  - B19- Construction Waste Management Plan (CWMP)
  - B20 - Construction Soil and Water Management Plan (CSWMP)
  - B21 – Aboriginal Heritage Management Plan (AHMP)
  - B22 - Flood Emergency Response Plan (FERP).
- An assessment of performance of the Project in relation to implementation of environmental plans.

The audit period for this second audit is from 13 December 2022 (date of first audit) to the issuing of this audit report on the 28 July 2023.

## 2. Audit methodology

### 2.1. Selection of the audit team

Health Infrastructure nominated Natascha Arens as the Independent Auditor and Nicola Smith as the Audit Assistant for this project and provided their CVs and independence declarations to the Department Planning and Environment (the DPE). Natascha was approved by the DPE as the Independent auditor, and Nicola as the Audit Assistant, on the 24 August 2022.

### 2.2. Independent audit scope development

The audit scope was developed by reviewing the SSD-10831778 consolidated CoC and the Independent Audit Post Approval Requirements (2020).

The audit comprised of offsite document review; site inspection and onsite document review; and offsite audit analysis and reporting.

An Audit Plan with audit table was provided to the auditee prior to the site audit detailing the timing of the audit and requirements regarding accessing the site and documentation.

### 2.3. Compliance evaluation

The audit consisted of offsite document review, onsite document review, site inspection and interviews. Offsite document review was undertaken prior to the site component of the audit with further request for information following the site inspection. The site component of the audit included:

- Opening meeting to introduce all parties and discuss the scope and objectives of the audit
- Site inspection
- Document and records review to check compliance with conditions
- Interviews with staff including construction site personnel
- Closing meeting to summarise the findings of the site audit and to discuss additional audit evidence required.

The document review included a review of the Conditions of Consent relevant to the stage of works of the Project and all environmental management plans and sub plans. The audit table was refined and amended to include the consolidated CoC following 30 November 2022 (Appendix B).

An opening meeting was held on 7 June 2023 at 9.30am.

Present at the opening meeting were:

- Ben Johnston (JHG Site Engineer)
- Karla Price (JHG Safety Advisor)
- Nicola Smith (NGH Auditor)

Document review occurred throughout the day and offsite until report completion.

### 2.4. Site interviews

Interviews with staff were undertaken throughout the course of the site audit to gather evidence during offsite document review including:

- Ben Johnston (JHG Site Engineer)
- Karla Price (JHG Safety Advisor)



- Michael Wylie (JHG Senior Project Manager).

## 2.5. Site inspections

A site inspection was undertaken at 9.45 am on the 7 June 2023. The inspection viewed the entire site including exit and entry points, emergency assembly areas and nurse call stations, active areas of the construction site, erosion and sediment controls, notice boards and spill response kits.

Photos of the inspection are provided in Appendix C and presented in the audit findings below.

## 2.6. Consultation

Consultation was undertaken with all levels of the project team including those listed in Section 2.4.

An email was sent to NSW DPE, Randwick City Council and Transport for New South Wales (TfNSW) regarding the audit scope. A copy of the correspondence is provided in Appendix D.

## 2.7. Compliance status descriptors

The compliance status descriptors from the Independent Audit Post Approval Requirements (DPIE 2020) have been used to assess compliance, refer Table 2-1.

Table 2-1 Compliance status descriptors

Status	Description
Compliant (C)	The auditor has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with within the scope of the audit.
Non-compliant (NC)	The auditor has determined that one or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.
Not triggered (NT)	A requirement has an activation or timing trigger that has not been met at the time when the audit is undertaken, therefore an assessment of compliance is not relevant.

## 3. Audit findings

### 3.1. Approval and documents list

Additional documents reviewed for this second audit are in **red text**.

#### Design plans and approval documentation

- Environmental Impact Statement Sydney Children's Hospital Stage 1 and Children's Comprehensive Cancer Centre (SCH1/CCCC) SSD-10831778 (Urbis 2021)
- SSD-10831778 Conditions of Consent

#### Correspondence

- Consultation with Transport for NSW (TfNSW) and JHG dated 18 July 2022
- Consultation with Randwick City Council dated 19 August 2022
- Consultation with TfNSW Light Rail Interface Manager dated 11 August 2022
- DPE letter to HI dated 1 August 2022 regarding conditions A9 and A10 of the Staging Report
- TfNSW approval dated 20 October 2022 for below-ground work
- Email of Approval Conditions for Installation of Anchors from TfNSW, 14 October 2022 design drawing no. SCH-ST-DG-31-FF102
- Planning Department Post-Approval Planning Portal receipt for construction commencement letter sighted, dated 14 September 2022
- Stage 1 commencement of construction outlined in Staging Report, submitted to the Planning Department on 1 August 2022
- AusGrid Design Offer made on 30 March 2021 sighted
- NBN Master Developer Agreement sighted (no date)
- AARNET email and map for relocation of services email dated 12 November 2020 sighted
- Council approval section 94 Local Govt Act 21 October 2022
- Pre-construction Dilapidation Report to asset owner - Email evidence dated 18 July 2022 TFNSW and email evidence dated 19 August 2022 Randwick Council
- Consultation with TfNSW Light Rail Interface Manager sighted 11 August 2022 for dilapidation survey
- Email to residents regarding survey notification dated 1 September 2022
- DPE acknowledgement letter for the Construction Worker Transportation Strategy 16 September 2022
- DPE acknowledgment letter for CEMP and AHMP 8 September 2022
- Council consulted for the CSWMP; email dated 29 August 2022
- TfNSW consultation letter for condition B40-45, B47 and B48 dated 20 October 2022
- Transdev letter and agreement regarding condition B40 dated 23 September 2022
- **Email from Cherrie Civil with results of stabilised sand samples (1 May 2023)**
- **DPE acknowledgement email of receiving the Review of Helicopter Operations During Construction 15 December 2022**
- **Flyer to residents notifying of weekend work for the installation of tower crane 1 and 2 sighted**
- **Emails to DPE notifying of weekend work for tower crane 1 and 2 installation (24/03/2023). Re-notification to the DPE for weekend work for installation of tower crane 2 following a delay (28/04/2023).**
- **Email from HI with the minutes from meeting 2 of the Integrated Transport Working Group 21 June 2023**

- DPE acknowledgement of receiving Notification of Commencement of Stage 3 - 4 November 2023
- TfNSW issued Compliance Review Letter for Above Ground Works 14 February 2023, sighted
- Email to residents and stakeholders from HI with the Monthly Construction Notice – June 2023, sighted
- DPE acknowledgement of the submission of Audit 1 and the Proponent's review and response 18 May 2023
- Letter from DPE approving the revised Staging Plan Rev D (JHG 2022) 18 January 2023
- Planning Department Post-Approval Planning Portal receipt for Review of Helicopter Operations During Construction Report sighted
- Sighted the non-compliance letter from HI to the Planning Secretary dated 01 March 2023 in relation to NC002 (NC006) and the non-compliance post approval portal form and the submission receipt confirming the letter was lodged on 6 March 2023.
- Sighted non-compliance notification letter from HI to the Planning Secretary dated 21 April 2023 in relation to NC003 and the non-compliance post approval portal form dated 21 April 2023.
- Sighted the non-compliance post approval portal form that outlined the non-compliance (NC008) occurred on 8/06/2023 and was investigated and confirmed on 15/06/2023. HI were notified of the complaint and non-compliance on 19/06/2023. Sighted the submission receipt confirming the letter was lodged to Planning Secretary on 19 June 2023.
- Sighted the non-compliance letter from HI to the Planning Secretary dated 18 May 2023 in relation to NC007 and the non-compliance post approval portal form and the submission receipt confirming the letter was lodged on 18 May 2023.

## Reports and plans

- Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev C (JHG 2022)
- Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev D (JHG 2022)
- Construction Worker Transportation Strategy (ARUP 2022)
- Construction Environmental Management Plan Rev 05 27 October 2022
- Aboriginal Heritage Management Plan (MDCA 2022)
- Construction Traffic and Pedestrian Management Plan (ARUP August 2022)
- Construction Noise and Vibration Management Plan (PWNA September 2022)
- Construction Waste Management Plan (JHG September 2022)
- Construction Waste Management Plan Rev 02 (JHG March 2023)
- Construction Soil and Water Management Plan (JHG August 2022)
- Flood Emergency Response Plan (BMT September 2022)
- Meinhardt Bonacci Pre-Construction Dilapidation Report Rev 2 13 July 2022
- Engineering Electrolysis Risk report date 12 November 2021
- 2022 vibration monitoring report put together by JHG with the data from AMA Monitoring Services
- Douglas Partners report (December 2022)
- Noise and Vibration Monitoring Assessment Report (AMA November 2022)
- Noise and Vibration Monitoring Assessment Report (AMA December to April 2023)
- Stormwater Management System Report Rev 3 (Meinhardt Bonacci February 2023)
- Site Environmental Plan Rev C (JHG 11/05/2023)
- Independent Audit – Proponent Review and Response for Audit 1 17 May 2023

**Design certification, records, monitoring and inspections**

- Steensen Varming Statement of Compliance to ESD SSDA Conditions 22 July 2022
- Meinhardt Bonacci Structural Design Statement 4 October 2022
- JHG Subcontractor Pack
- CC1 issued 21 October 2022
- CC2 issued 7 November 2022
- **CC3 issued 16 March 2023**
- Arup Design Intent Statement 14 July 2022
- Billiard Leece Partnership Certificate of Architectural Design 22 July 2022
- COC Construction insurance risk policy No SIC22060116
- Onsite Damastra records: Komatsu 29T Excavator, documents available for the excavator include a plant risk assessment, service record, Operators Manual. Last service date 27/09/2022. Next due is 2750 hours
- **Onsite Damastra records: Komatsu Excavator, documents available for the excavator include a plant risk assessment, service record, Operators Manual. Last service date 9/03/2023. Next due is 4000 hours**
- JHG Induction material Rev 4
- **JHG Induction material Rev 8**
- 30 November 2022 Toolbox records, site notice board
- 1 December 2022 daily brief record and sign on sheet
- Evidence sighted includes - Inspection date 24 November 2022 for Environmental checklist, Asbestos inspection carried out 9 December 2022 (unexpected finds)
- **Evidence sighted includes – weekly inspections for General Environment Inspection Checklist, all complete and closed (21/11/2022 to 19/06/2023) and post rain inspections recorded on Soteria. Nine inspections following rainfall have been recorded and are all closed.**
- Continuous data from in-situ noise logger sighted. AMA monitoring services provide a monthly report (October sighted). Exceedances are issued via text messages
- Driver Code of Conduct
- Email Douglas Partners 23 September 2022. Eurofins material analysis certificates June 2022, sighted.
- Boral test report dated 13 September 2022
- Material tracking register sighted and up to date including records for Sept-November 2022
- **Material tracking register sighted and up to date including records for December 2022, and January and March 2023**
- Discharged on-site stormwater with a water discharge permit 25 October 2022 to 26 October 2022
- Section 94 Local Govt Act blanket approval 21 October 2022 to 8 August 2023
- Bingo industries monthly waste report October and November 2022
- Douglas Partners inspection notes 15 July 2022, 10 October 2022, 15 November 2022, 25 November 2022. Douglas partners have been supervising works as required as the geotechnical consultant for the site
- Environmental Monitoring Summary –Sept - Oct 2022 (JHG)
- Environmental Monitoring Summary –Nov 2022 (JHG)
- **Environmental Monitoring Summary – October 2022 to March 2023 (JHG)**
- **Waste Management Reports (Bingo November 2022 to May 2023)**
- **Construction Monitoring Report – October 2022 to March 2023 (JHG)**
- **Discharged on-site stormwater with a water discharge permits for events in February, March, April and May 2023, sighted**

- Materials analysis reports for 10 mm aggregate (20/03/2023) and stabilised sand (28/10/2022), sighted
- Road Safety Audit drawings - Sighted RSA plans - SCH1-AR-DG-10-00001[BD] - PLAN - GENERAL ARRANGEMENT - Level 00 - NORTH\_Mark-up; SCH1-AR-DG-10-B1002[BE] - PLAN - GENERAL ARRANGEMENT - Level B1 - SOUTH\_Mark-up; SCH1-AR-DG-10-B2002[BA] - PLAN - GENERAL ARRANGEMENT - Level B2 - SOUTH (1)\_Mark-up
- Complaints Register last updated April 2023, sighted
- Meinhardt Bonacci CC3 Certificate of Design Structural Development Application 17 January 2023

### 3.2. Compliance performance

In summary, the audit found four (4) non-compliances out of a total of 194 Conditions of Consent, refer to Table 3-1.

Table 3-1 Compliance performance

Condition part	Compliances	Non-compliances	Not triggered
A	22	2	17
B	43	-	6
C	42	2	9
D	-	-	37
E	-	-	14

Note: In relation to the tally above whole conditions of consent have been used to generate the tally. i.e., where a condition contains part a), b), c) etc this has been counted as one condition.

### 3.3. Summary of agency notices, orders, penalty notices or prosecutions

There have been no agency notices, orders, penalty notices or prosecutions to date.

### 3.4. Non compliances

Four non-compliances were raised in this audit, refer to Table 3-2.

Table 3-2 Non-compliances

CoC #	Requirement	Audit finding
A2	The development may only be carried out: (a) in compliance with the conditions of	The audit found that compliance with the majority of conditions. However, the audit found three non-compliances, as detailed below.

CoC #	Requirement	Audit finding
	<p>this consent;</p> <p>(b) in accordance with all written directions of the Planning Secretary;</p> <p>(c) generally in accordance with the EIS and Response to Submissions; and</p> <p>(d) generally in accordance with the Section 4.55(1A) application to amend SSD-10831778 Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre and accompanying documents prepared by Urbis dated 28 October 2022</p>	
A26	<p>The Planning Secretary must be notified through the major projects portal within seven days after the Applicant becomes aware of any non-compliance. The Certifier must also notify the Planning Secretary through the major projects portal within seven days after they identify any non-compliance.</p>	<p>It is noted that there have been three occasions where construction traffic parked on Blenheim Street in Randwick, which is at variance with the approved CTPMP:</p> <ul style="list-style-type: none"> <li>- 23 February 2023;</li> <li>- 21 April 2023; and</li> <li>- 15 June 2023.</li> </ul> <p>The audit found that the Planning Secretary had been notified within the seven (7) day period for the June and April non-compliances. However, notification to the Planning Secretary for the February non-compliance was in an 11-day period.</p> <p>Audit 1 and Audit 2 viewed a non-compliance record (rock hammering outside the nominated hours) dated the 29 November 2022. Audit 2 found that the notification letter from HI to the Planning Secretary for the rock hammering outside the nominated hours, was dated 15 December 2022 - which was beyond the seven day period.</p>
C7	<p>The Applicant must carry out the construction of the development in accordance with the most recent version of the CEMP, CTPMP, CNVMP, CWMP, CSWMP, AHMP and FERP.</p>	<p>The audit found that the Plans are being broadly implemented. However, on three occasions construction traffic was identified parking on Blenheim Street, Randwick, which is at variance to the approved CTPMP (as described above against A26).</p> <p>The February 2023 parking non-compliance was followed up with a non-compliance notice to the Site Accommodation Subcontractor.</p> <p>A non-compliance notice was given to the Civil Subcontractor in April 2023 for the parking event. The Civil Contractor was directed to complete driver inductions prior to drivers attending site.</p> <p>A non-compliance notice was given to the Civil Subcontractor for the June 2023 parking non-event. The truck driver had completed the induction but did</p>

CoC #	Requirement	Audit finding
		not follow the Site Specific Rules. The Subcontractor banned the truck driver from returning to site.
C42	Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approval Requirements (2020), unless otherwise agreed by the Planning Secretary.	The audit found that the Audit 1 Report and the Applicant's Response were not submitted to the Planning Secretary within 2 months of undertaking the Audit 1 site inspection. The site inspection for Audit 1 was 13 December 2023. The date of the Audit 1 report is 2 February 2023. The Applicant's Response and the submission receipt, confirmed submission was on 18 May 2023.

### 3.5. Previous audit recommendations

The first audit of the project found four non-compliances with conditions. Table 3-3 shows the status of each of the audit findings from the first independent audit of the project.

Table 3-3 Previous audit recommendations

Condition #	Requirement	Audit finding	Status
A2	The development may only be carried out:  (a) in compliance with the conditions of this consent;  (b) in accordance with all written directions of the Planning Secretary;  (c) generally in accordance with the EIS and Response to Submissions; and  (d) generally in accordance with the Section 4.55(1A) application to amend SSD-10831778 Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre and accompanying documents prepared by Urbis dated 28 October 2022	The audit found compliance with the majority of conditions. However, the audit results do note three non-compliances.	Refer to specific non-compliance status below.
A26	The Planning Secretary must be notified through the major projects portal within seven days after the	It was noted that there had been a non-compliance with the approved hours for rock breaking as identified	Closed, ongoing. HI will provide submission

Condition #	Requirement	Audit finding	Status
	Applicant becomes aware of any non-compliance. The Certifier must also notify the Planning Secretary through the major projects portal within seven days after they identify any non-compliance.	under C6. The non-compliance occurred on the 29 November 2022. The Planning Secretary had not been notified within the required seven (7) day period.  It is noted that JHG provided the incident report in the seven (7) day period. However, it was not provided to DPE within the seven (7) day period.	notifications to JHG as evidence of timely submissions.
C6	(a) 9am to 12pm, Monday to Friday  (b) 2pm to 5pm Monday to Friday	A complaint was made regarding activities occurring outside of approved hours. An investigation occurred and found that a civil contractor on site undertook rock breaking works outside of the approved hours on the 29/11/2022. The contractor has been issued with a non-compliance notice.	Closed
C7	The Applicant must carry out the construction of the development in accordance with the most recent version of the CEMP, CTPMP, CNVMP, CWMP, CSWMP, AHMP and FERP.	The audit found that the Plans are being broadly implemented. However, the Soil and Water Management Plan requires weekly inspections and inspections after rain to occur. Though these may have occurred they are not all documented. Therefore, the auditor is unable to confirm compliance with this requirement in the Plan. The audit noted that there were no documented weekly inspections from September to the end of October.	Closed, ongoing. JHG has reinforced the range of inspections that are to be completed and their regularity, weekly and following rainfall.

### 3.6. Environmental plans, sub plans and post approval documents

A summary of the implementation of key environmental management plans relevant to this stage of works is provided below.

All plans required by the CoC are discussed in the audit table (Appendix B) of this report. The suite of environmental management plans includes:

- B15 – Construction Environmental Management Plan (CEMP)
- B17 – Construction Traffic and Pedestrian Management Plan (CTPMP)



- B18 – Construction Noise and Vibration Management Plan (CNVMP)
- B19 – Construction Waste Management Plan (CWMP)
- B20 – Construction Soil and Water Management Plan (CSWMP)
- B21 – Aboriginal Heritage Management Plan (AHMP)
- B22 – Flood Emergency Response Plan (FERP).

### **3.6.1. Construction Environmental Management Plans (CEMP) B15**

A review of the CEMP found that it is compliant with the requirements of the condition. The CEMP includes a series of sub plans. The CEMP is underpinned by the following plans:

- Construction Traffic and Pedestrian Management Plan (CTPMP)
- Construction Noise and Vibration Management Plan (CNVMP)
- Construction Waste Management Plan (CWMP)
- Construction Soil and Water Management Plan (CSWMP)
- Aboriginal Heritage Management Plan (AHMP)
- Construction Flood Emergency Plan (FERP).

The audit found that the requirements of the CEMP are broadly being implemented with regular inspections. The following inspections have taken place:

- Environmental checklist inspection sighted November 2022 to June 2023
- Post rainfall inspections sighted May 2023
- All construction plant and equipment are inspected and the details managed in DAMASTRA to inform of next service dates, risk assessment etc. Evidence sighted of Komatsu Excavator

### **3.6.2. Construction Traffic and Pedestrian Management Plan (CTPMP) B17**

A CTPMP was prepared that meets the requirements of B17. The audit specifically found that:

- Signage was on site
- Traffic control was implemented
- There is one construction site access is from Botany Street
- The site was secured with fencing and hoarding preventing unauthorised access.

Interviews with staff identified three separate occasions where construction vehicles were parked in Blenheim Street, Randwick which is at variance to the requirements of the approved CTPMP. The audit found that the Planning Secretary was notified of these non-compliances, however the notification was not within the required 7 day time frame (refer Table 3-2 above for more detail).

### **3.6.3. Construction Noise and Vibration Management Plan (CNVMP) B18**

The CNVMP recommends that unattended noise monitoring is conducted at Receiver 1 – Blenheim Street Receivers. Continuous data from in-situ noise logger was sighted during the audit. AMA Monitoring Services provide a monthly report (February to March 2023 and April 2023 sighted). Exceedances are issued via text messages.

The audit found that there have been no noise exceedances for the audit period.

Slide 43 of the site induction details respite periods. Condition C49 requires mitigation of all noise and vibration during construction to the extent possible. Vibration monitoring results must be provided to the Sydney Light Rail Operator at intervals requested by TfNSW. Vibration monitoring is continuous with three permanent logger stations on site. Exceedances have occurred on site on the 6, 7, 8, 20 and 21 February and 15, 20 and 24 March 2023. All exceedances were noted in the monitoring report as being attributed to

movement associated with hoarding material (i.e., the logger was knocked), relocating the monitor, site shed establishment works and not due to vibratory works.

All other requirements of the Plan including adherence to working hours and consultation with stakeholders were found to be generally compliant including the Tower Crane 1 and 2 weekend works notification to the residents and the Planning Secretary.

### **3.6.4. Construction Waste Management Plan (CWMP) B19**

During the audit site visit it was observed that waste was being separated and appropriate waste receptacles were available onsite (C27), provided by the waste contractor Bingo Industries (refer to photographic evidence Appendix C).

In accordance with C28, records show that waste is being classified - Bingo Industries monthly waste report for December 2022 and January to May 2023. Concrete waste is being disposed offsite as evidenced by the Bingo Industries waste report and the site visit (C29). Bingo Industries' monthly report also details the requirements of C30 – quantities of each waste type.

The CWMP has been updated since the first audit and is now in revision 02 (JHG March 2023). Waste quantities were updated in the document to reflect the Hospital Road construction works being undertaken following a Review of Environmental Factors (REF).

### **3.6.5. Construction Soil and Water Management Plan (CSWMP) B20**

A CSWMP has been prepared for the site including an Erosion and Sediment Control Plan (ESCP). The ESCP details site controls for managing construction erosion and sedimentation. Erosion and Sediment controls are inspected. All inspections are formally documented weekly via an application used called Soteria.

The site visit found that all controls were in place in accordance with the ESCP that were still required at this stage of development. Controls included clean water diversion at Hospital Road, and coir logs and drain coverings along Hospital Road.

As noted in Section 3.6.1, the SWMP requires weekly inspections and inspections following rainfall. The audit found documented evidence that weekly/post rain inspections are occurring. These are documented through the application Soteria.

Photographic evidence of erosion and sediment controls are provided in Appendix C.

### **3.6.6. Aboriginal Heritage Management Plan (AHMP) B21**

The MDCA AHMP contains an Aboriginal Cultural Heritage Unexpected Finds Protocol and a Burial / Bone Find Protocol.

The audit found there have been no unexpected finds.

### **3.6.7. Flood Emergency Response Plan (FERP) B22**

The FERP, which addresses the CoC (B22, B28 and B29), recommends a flood protection wall along High Street be constructed, rain gauge telemetry, a camera to observe the depth of water and that access gates will not be inundated by flooding.

The site inspection noted that the temporary flood protection wall remains along High Street. It will be relocated and made permanent during the latter stages of construction and prior to operation. Refer the photographic evidence in Appendix C.

### 3.7. Environmental performance

JHG operate under an Environmental Management System (EMS) certified to ISO AS/NZS 14001:2016. The certification period for the EMS is 15 February 2022 to 15 February 2025.

Environmental performance of the project is measured via regular inspections, monitoring and reporting. The audit found that the site is well managed and maintenance of environmental controls is occurring, however these inspections are not regularly documented.

The audit found that key environmental controls are in places including:

- Erosion and sediment controls
- Waste management including waste separation and appropriate disposal of concrete waste
- Dust suppression with fence mounted sprinkler system.

### 3.8. Consultation outcomes

Relevant stakeholders were consulted as required by the conditions in the preparation of the management plans for the site. Specifically:

- DPE regarding construction commencement for Stage 3
- DPE regarding the Staging Report Rev D.

DPE, Randwick City Council and TfNSW were consulted for this second audit. A response was received from TfNSW on 12 June 2023 to say that interactions with JHG have been positive and they have satisfied all of their listed consent conditions prior to construction. No response from DPE or Randwick City Council had been received at the time of issuing the second audit report.

Consultation is provided in Appendix D.

### 3.9. Complaints

The audit noted that there is a complaint register available on the Project website (<https://www.randwickcampusredevelopment.health.nsw.gov.au/getmedia/3b329a51-5124-4bfb-ad32-c4e22393ec9b/SCH1MCCCC-Complaints-Register-May-2023.pdf.aspx>). There have been 27 complaints made since the commencement of construction as at the 31 May 2023. The complaint register is updated monthly.

The majority of the complaints are noise or traffic related. All of the complaints have been investigated, corrective actions implemented, and the community member advised of the outcome. A traffic management complaint on 9 February 2023 was in regard to construction vehicle use on a local road. The complaint was immediately investigated, and corrective actions implemented. The breach of the CoC was lodged with the DPE on 6 March 2023 (NC002) in response to activity outside of the approved CTPMP. The community member was advised of the outcome on the 27 February 2023. This represented a non-compliance against condition C7 and A26.

### 3.10. Incidents

The audit noted that there have been incidents to date.

### 3.11. Actual versus predicted impacts

Section 7 of the Environmental Impact Statement (EIS) provides an assessment of the predicted environmental impacts of the project (Urbis, 2021). A summary of the impacts as identified in the EIS versus the actual impacts found during this audit is provided below.

#### Built form and urban design

The Project has been designed to mitigate the impact of height, bulk and scale; to integrate with adjacent development, both existing and future; and with the presentation of a good civic façade. The approved design is compatible with existing Randwick Hospital developments and University of NSW developments.

The Project includes a 15.5% site canopy cover, which aligns with the NSW Government target of a 40% increase of canopy cover across Greater Sydney by 2030.

##### *Actual impacts*

The EIS states mitigation measures are not required. The approved design has been prepared to address any impacts to amenity and urban design.

#### Environmental amenity

The proposed buildings are separated from the nearest residences to the north by over 30 metres and will have no notable adverse impacts on the amenity of surrounding development in regard to overshadowing, privacy, wind or views. Although the most significant visual impact will be from High Street, it will not be out of context with the Randwick Campus Redevelopment or the broader Randwick Health and innovation Precinct.

It was identified in the EIS that there would be some overshadowing to commercial buildings.

Mitigation measures identified in the EIS are to reduce impact of external lighting and wind.

##### *Actual impacts*

All external construction lighting will be established and operated in compliance with AS 4282:2019 Control of the obtrusive effect of outdoor lighting.

In accordance with the CEMP:

- Lighting will be installed in coordination with the objective of minimising light spill by directing lighting away from residential receivers where possible
- Lights will be located as far away as possible and directed away from neighbouring properties, with consideration given to current Crime Prevention Through Environmental Design principles. For safety and security purposes during nights and periods of low light temporary lighting will be required for work areas and traffic detours.
- Lighting will be directed to illuminate the target areas. Baffles or shield will be utilised where practicable and feasible to reduce potential of light spill.

#### Transport and accessibility

Construction of the Project will impact pedestrians, active transport users (e.g., cyclists) and road users living and commuting in the vicinity of the site. Impacts associated with construction traffic (both heavy and light vehicles) and changes to the road network include increases to road traffic and congestion, potential impacts to cyclists and those commuting on the Sydney Light Rail.

Impacts associated with the construction site also include potential impacts to the pedestrian walkways surrounding the site and pedestrian safety particularly around the site access.

### *Actual impacts*

There is an approved Construction Traffic and Pedestrian Management Plan that includes Driver Code of Conduct and an approved Construction Worker Transportation Strategy for the Project that is being implemented as evidenced by the induction material and site visit.

The audit noted three separate occasions where construction traffic was parked in Blenheim Street, Randwick, which is beyond the bounds in the approved CTPMP.

## Heritage

There are no non-Aboriginal heritage items within the Project site, and the site is not within a conservation area. The Project will not impact the significance of any non-Aboriginal heritage items or conservation areas in the vicinity of the Project.

### *Actual impacts*

The EIS states mitigation measures are not required.

## Aboriginal Cultural Heritage

The EIS indicates that a portion of the site has been previously assessed (Preliminary Aboriginal Archaeological Assessment, MDCA June 2018; Aboriginal Heritage Impact Permit). The northern portion of Eurimbla Avenue is adjacent to a significant archaeological and Aboriginal cultural area containing stone hearths and red ochrous material.

The EIS recommends monitoring under an Unexpected Finds Protocol applicable to the northern end of Eurimbla Avenue.

### *Actual impacts*

The audit noted that an Aboriginal Heritage Management Plan has been approved by the Planning Secretary and is available on the Major Projects Website.

The audit noted that an updated report from MDCA detailing the archaeological monitoring that was undertaken during initial earthworks along Hospital Road has not been provided.

## Biodiversity

A Biodiversity Development Assessment Report (BDAR) was prepared as part of the EIS (Eco Logical Australia, 2021).

The Project site was cleared of buildings and vegetation under a previous approval. One remaining native tree is being assessed for removal as part of a separate project. Therefore, no offsets are required for this Project.

The EIS identified that there is no remnant vegetation present within or surrounding the highly disturbed environment of the site. The field assessment carried out for the BDAR did not record suitable habitat features or foraging and roosting habitat for native or threatened species.

The EIS found that the Project may result in a number of indirect impacts on surrounding biodiversity, such as light and waste pollution, erosion and sedimentation, and weed and pathogen spread. A number of standard mitigation measures, such as best practice weed and sediment and erosion control, are recommended to mitigate these impacts.

### *Actual impacts*

The site audit found that the development was occurring within the approved footprint. Erosion and sediment controls were in place and dust suppression was available if and when required.

### **Tree removal and landscaping**

An Arboricultural Impact Assessment (AIA) (Eco Logical Australia 2021) was prepared to assess the likely impact to trees within the site. The AIA was prepared in accordance with the Australian Standard 4970 Protection of Trees on Development Sites (AS 4970). Nine trees are within the site. Tree 9 would undergo significant impact and therefore, is proposed to be removed as part of another development application along with four other trees. The remaining four trees will be retained.

#### *Actual impacts*

The works will not impact any street trees.

### **Ecologically sustainable development**

The Project includes a range of Ecologically Sustainable Development (ESD) measures and is targeting a 5 Star Green Star Rating.

#### *Actual impacts*

The Project is in the early stages of development. However, the audit did note that waste is being separated and construction and demolition material is being recycled.

Steensen Varming has issued a Statement of Compliance to ESD.

### **Noise and vibration**

The EIS predicted minor exceedances above NMLs during construction are predicted at Receivers 2 – 6. However, noise will remain below the Highly Affected Noise Level. At Receiver 1, some construction noise sources have the potential to be above the HNAL when working near the receiver.

Reasonable and feasible mitigation measures will need to be implemented during construction as per EPA guidelines.

#### *Actual impacts*

As required by the CoC a Construction Noise and Vibration Management Plan has been prepared to manage impacts. Management measures are largely around reducing noise as far as is practicable and working within the approved hours. There is a requirement for ongoing unattended noise monitoring for Receiver 1. Exceedances in the NMLs trigger a text message notification. This is followed up by JHG. Refer to Section 3.6.3 for the detail of an exceedance and the steps that were followed to rectify the issue.

### **Stormwater and drainage**

A Stormwater Management Plan was prepared by Meinhardt Bonacci (2021). The EIS found that there were no specific water quality treatment targets nominated by Randwick Development Control Plan 2013. However, water treatments were nominated for the Project.

The EIS requires that sediment and erosion control be implemented in accordance with the "Blue Book", and water quality improvement devices will be implemented in accordance with the submitted Stormwater Management Plan.

#### *Actual impacts*

The Construction Soil and Water Management Plan (CSWMP) and Erosion and Sediment Control Plan (ESCP) has been prepared to meet the requirements of the "Blue Book". The site audit found that remaining controls were in place and maintained. Weekly inspections and inspections following rainfall of erosion and sediment controls as a requirement of the SWMP had been documented via an application called Soteria.

The mitigation measures listed in the EIS have been broadly implemented across the site including hoarding, covered drains surrounded by coir logs and dust suppression sprinklers. Photographic evidence is provided in Appendix C.

## Flooding

A Flood Modelling Assessment Report has been prepared by Meinhardt Bonnaci (2021) and indicated the site is affected by the 1% Annual Exceedance Probability (AEP) and Probable Maximum Flood (PMF).

The Report recommended that a flood barrier be constructed prior to occupation along the full frontage of High Street to provide protection in a PMF event.

### *Actual impacts*

A temporary flood protection wall has been constructed for construction works. It will be relocated and made permanent during the latter stages of construction and prior to operation. Refer the photographic evidence in Appendix C.

## Soil and water

The EIS geotechnical assessments found that basement excavation will likely meet fill and natural sand with the intersection of Hawkesbury Sandstone of variable strength at the northern end.

The EIS found the Project is well beyond the extent of potential saline soils and areas of acid sulphate soil risk. Therefore, an assessment or management plan for either was deemed unnecessary.

Mitigation measures provided in the EIS include dilapidation reports for adjacent structures and infrastructure within 15 metres of the site boundary, all excavated materials disposed of in accordance with the NSW EPA Waste Classification Guidelines 2014, vibration monitoring and temporary ground anchors. Mitigation measures, in addition to sediment and erosion control measures also require the minimisation and management of the generation and off-site transmission of sediment, dust and fine particles.

### *Actual impacts*

Erosion and sediment controls that remain on-site are inspected weekly and following rainfall to ensure they remain in good operating condition.

## Waste

The EIS notes that the Project will provide for satisfactory waste management during the construction and operation phases. A preliminary Waste Management Plan for construction and operation was prepared at the EIS stage. It is required to be updated during the detailed design.

A Construction Waste Management Plan was prepared prior to construction and addresses the details and quantities of each waste type generated during construction, removal of hazardous waste materials and an Unexpected Finds Protocol.

### *Actual impacts*

The audit noted that the CWMP was being implemented with observed waste separation on site (refer to photographic evidence in Appendix C).

## Contamination

A preliminary and a detailed site investigation report (PSI and DSI) were prepared by Douglas Partners, both in January 2021. Based on the conclusions of the DSI, a Remediation Action Plan (RAP) was prepared for the site.

The RAP concluded that the site be rendered suitable for the Project subject to proper implementation of the remediation procedures, unexpected finds protocols and completion of the validation assessment detailed in the RAP.

### *Actual impacts*

An Unexpected Finds Protocol for contamination and asbestos is contained within the Construction Waste Management Plan. All material to be removed from site is to be managed in accordance with the RAP and CWMP.

No unexpected finds of contamination and asbestos have been identified since the first audit.

## Hazards and risks

A SEPP 33 (now the Hazards and Resilience SEPP 2021) Preliminary Hazards Analysis Report was prepared by WSP (2021) that identified the cumulative storage quantity of medical gas and clinical waste as potentially hazardous and likely to exceed allowable thresholds.

A subsequent Preliminary Hazards Analysis (PHA) was prepared and focused on preventing or minimising major hazardous incidents on-site. The PHA concluded that risks can be managed by engineering and procedural controls.

### *Actual impacts*

The Project is not yet operational, so these impacts are yet to be realised.

## 3.12. Site inspection

The site inspection found the site to be well maintained. The entire site was viewed at the inspection on foot and from the viewing platform at the top of scaffolding along High Street, or from Hospital Road. The purpose of the site inspection was to check that environmental controls were implemented and maintained. The site visit found that:

- Sprinklers were still in place to control dust suppression, however, not often used now that construction of the building has commenced
- Nurse stations with emergency call button, spill kit and fire extinguisher were located around the site
- No exposed surfaces observed as building works have progressed
- Waste receptacles are located in a central area for waste management and around the boundary of the site where works are occurring
- Sediment controls were in place around the drains on Hospital Road, which were covered with a metal grate over geotextile and surrounded by a coir log
- There was no evidence of mud tracking on public roads
- Erosion and sediment controls are appropriate and maintained
- The site is clearly fenced
- Site signage was in place



- Construction traffic can no longer park within the Project site for handover of the site to HTH. Construction traffic remains in an area approved for Project construction traffic until the site is accessible. A turntable has been constructed, allowing construction vehicles to be turned around so they can drive out forward-facing on to Botany Road.

Photos of the site are provided in Appendix C.

### 3.13. Site interviews

Site interviews occurred with staff from JHG during the course of the audit, including those listed in Section 2.4. The interviews found that staff broadly understood the requirements of the CoC and the Management Plans.

### 3.14. Previous annual review or compliance report recommendations

This is the second audit of the Project and compliance reports are not required in the CoC until following occupancy and prepared within 52 weeks of operation.

### 3.15. Improvement opportunities

The audit found that although the site notice sign is compliant generally, repositioning of the site notice sign to eye level would improve its visibility for the general public. It is also recommended that the non-compliance (internal JHG) numbering convention is consistent with the numbering of the document file name provided to the Planning Secretary.

### 3.16. Key strengths

The key strength of this Project is the committed team. JHG have a good understanding of the conditions and dedicate enough resources to manage the site.

## 4. Recommendations

### 4.1. Summary of compliance and non-compliances against conditions

Four (4) non-compliances were raised in this audit.

Table 4-1 Summary of non-compliances

CoC #	Requirement	Audit finding
A2	<p>The development may only be carried out:</p> <ul style="list-style-type: none"> <li>(a) in compliance with the conditions of this consent;</li> <li>(b) in accordance with all written directions of the Planning Secretary;</li> <li>(c) generally in accordance with the EIS and Response to Submissions; and</li> <li>(d) generally in accordance with the Section 4.55(1A) application to amend SSD-10831778 Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre and accompanying documents prepared by Urbis dated 28 October 2022</li> </ul>	<p>The audit found that compliance with the majority of conditions. Therefore the development has not been carried out in accordance with the full conditions of consent.</p>
A26	<p>The Planning Secretary must be notified through the major projects portal within seven days after the Applicant becomes aware of any non-compliance. The Certifier must also notify the Planning Secretary through the major projects portal within seven days after they identify any non-compliance.</p>	<p>It is noted that there have been three occasions where construction traffic parked on Blenheim Street in Randwick, which is at variance to the approved CTPMP.</p> <p>The audit found that the Planning Secretary had been notified within the seven (7) day period for the June and April non-compliances, however the notification for the February incident non-compliance was 11 days after the event.</p> <p>Audit 1 and Audit 2 viewed a non-compliance record (rock hammering outside the nominated hours) dated the 29 November 2022. The audit found that a notification letter from HI to the Planning Secretary for the rock hammering outside the nominated hours, was dated 15 December 2022 - which was beyond the seven day period.</p>
C7	<p>The Applicant must carry out the construction of the development in accordance with the most recent version of the CEMP, CTPMP, CNVMP, CWMP, CSWMP, AHMP and FERP.</p>	<p>The audit found that the Plans are being broadly implemented. However, on three occasions construction traffic was identified parking on Blenheim Street, Randwick, which is beyond the approved CTPMP. DPE was notified on all three occasions.</p> <p>The February 2023 parking non-compliance was followed up with a non-compliance notice to the Site</p>

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



CoC #	Requirement	Audit finding
		<p>Accommodation Subcontractor.</p> <p>A non-compliance notice was given to the Civil Subcontractor in April 2023. The Civil Contractor was directed to complete driver inductions prior to drivers attending site.</p> <p>A non-compliance notice was given to the Civil Subcontractor for the June 2023 parking event. The truck driver had completed the induction but did not follow the Site Specific Rules. The Subcontractor banned the truck driver from returning to site.</p>
C42	<p>Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approval Requirements (2020), unless otherwise agreed by the Planning Secretary.</p>	<p>The audit found that the Audit 1 Report and the Applicant's Response were not submitted to the Planning Secretary within 2 months of undertaking the Audit 1 site inspection. The site inspection for Audit 1 was 13 December 2023. The date of the Audit 1 report is 2 February 2023. The Applicant's Response is dated 18 May 2023 and the submission receipt confirms submission on 18 May 2023.</p>

## 5. Conclusion

The audit found four (4) non-compliances with the Conditions of Consent. The document review found that Environmental Management Plans and sub plans are relevant to the site and are generally being implemented.

Table 5-1 Compliance performance

Condition part	Compliances	Non-compliances	Not triggered
<b>A</b>	22	2	17
<b>B</b>	43	-	6
<b>C</b>	42	2	9
<b>D</b>	-	-	37
<b>E</b>	-	-	14

## **Appendix A Auditor CV**

- Natascha Arens
- Nicola Smith

## Natascha Arens | BAppSc (Conservation Mgt), MBEM, CEnvP, MEIANZ, Certified Lead Auditor

### Principal Environmental Consultant

#### Systems Manager

Natascha launched the Sydney Branch of NGH in 2006. She has around 30 years of professional experience in environmental management and impact assessment and began her career as an ecologist in South Eastern NSW.

She has worked in both the public and private sector. Natascha has a wealth of experience in environmental impact assessment for large infrastructure projects. She is an Exemplar Global Lead Environmental Auditor and has extensive auditing experience across a range of industries.

The diversity of her planning experience coupled with her onsite and project management experience has equipped her with an excellent understanding of environmental issues, legislation and planning in regional and urban environments. Natascha gives clients assurance that NGH will use innovation and breadth of company history to drive sustainable outcomes for projects.

Natascha has a leading role in the operational performance of the company. Instigating improved environmental performance is something Natascha pursues with enthusiasm.



#### Focus areas

- Environmental auditing
- Environmental Impact Assessments
- Legislation interpretation
- Environmental Management Plans
- Preliminary Environmental Constraints Assessments & Scoping Reports
- Expert reviewer (CEnvP-IA)
- Stakeholder and Community Engagement
- Environmental training and workshops

#### Professional associations and accreditations

- Environmental Institute of Australia and New Zealand (EIANZ) member
- Certified Environmental Practitioner – CEnvP # 130
- Exemplar Global Certified Principal Environmental Auditor # 105783
- NGH Director
- CCRSS Director and Secretary (Voluntary Role)

## Project experience

### Renewable energy

#### **Maxwell Solar Farm (Maxwell), Muswellbrook, NSW**

The \$40m, 25MW solar farm on a rehabilitated coal mine site will produce electricity for the Maxwell infrastructure and export to the grid, the first large scale example in New South Wales. As **Project Director** Natascha undertook the final review of reports, from the initial constraints and Scoping Report to the EIS and Submissions Report. She worked with the project team to overcome challenges with approvals.

#### **Gunning Windfarm (Acciona), Gunning, NSW**

Gunning Wind Farm is a 46.5MW wind farm comprising 31 turbines and located 35km north east of Canberra. Natascha provided was the **Senior Environment Adviser** throughout the construction phase of this project. She ensured management plans complied with the Department of Plannings requirements and the conditions of consent and oversaw effective implementation of the plans on site throughout the construction phase.

#### **Dunedoo Solar Farm (IBVoigt) Dunedoo NSW**

Dunedoo Solar Farm is a 55-MW AC solar farm generally comprising a solar array, access roads, on-site substation and a 66-kV Transmission Line. As **Project Director** for this project, Natascha undertook senior review and final sign off on the EIS. She also worked with the client and the NGH team to navigate some challenging road access and grid connection requirements.

### Linear infrastructure

#### **Albion Park Rail Bypass (TFNSW) Albion Park, NSW**

The Albion Park Rail bypass is a \$630 million project funded by the NSW Government that completes the 'missing link' for a high standard road between Sydney and Bomaderry. It is an important freight, bus and tourist route.

As **Project Director** for this project, Natascha worked closely with the TFNSW and Cardno team to prepare the Scoping Report, Biodiversity Assessment and Preferred Activity report. Later in the project she undertook a **Project Management** role for the preparation of the Construction Environmental Management Plans for the early works package.

#### **Pacific Highway Upgrades (Lend Lease) Karuah Bulahdelah, Napiac, Yelgun-Chinderah, Brunswick -Yelgun, Tugun Bypass , NSW**

The Pacific Highway upgrade is the largest road infrastructure project in Australia. It connects Sydney and Brisbane, and is a major contributor to the country's economic activity. The Australian and NSW governments have been jointly funding the Pacific Highway upgrade since 1996.

Natascha was the **Environmental Manager** on over 100kms of the Pacific Highway upgrade during the first ten years of operation. She undertook regular inspections and audits of these projects to ensure operation of the highway met the TfNSW specifications and standards.

#### **Bringelly Road Upgrade (TfNSW) Bringelly, NSW**

The Australian and NSW governments are upgrading Bringelly Road between Camden Valley Way, Leppington and The Northern Road Bringelly as part of the Western Sydney Infrastructure Plan, a \$3.6 billion road investment program.

Natascha was **Project Director** for Stage 1 of the Bringelly Road upgrade. She led the NGH team who prepared the environmental impact assessment, including specialist studies for biodiversity and heritage.

#### **Empire Bay Drive Upgrade Project REF (AT&L, RMS), Kincumber, NSW**

A significant upgrade to two lanes each direction of a highly trafficked section of the Central Coast, Empire Bay Drive at The Scenic Road, Kincumber. As **Project Director**, Natascha liaised reviewed all outputs associated with the Project REF and specialist biodiversity and Aboriginal Heritage studies, along with an Addendum REF, Submissions Report and Environmental Management Plans.

Natascha worked with the project team to resolve issues and to ensure that deadlines were met and a high-quality document was put on display.

## Mining and resources

### Coraki Quarry (KIS), Coraki, NSW

Coraki Quarry is a hard rock quarry, classified as State Significant Development (SSD) under the EOA&A Act. As the Department of Planning approved **Independent Environmental Auditor** on the Project, Natascha was responsible for auditing compliance with the operational requirements of the SSD condition of consent and the Environmental Protection Licence.

## Defence

### Holsworthy Barracks Mid-Term Refresh (Beca & Defence), Sydney, NSW

Holsworthy Barracks Mid-Term Refresh was an interim project aimed at sustaining operations until the Holsworthy Barracks Redevelopment Project. Natascha was the **Project Director** leading the environmental impact assessment. Natascha worked with the client to untangle the planning pathway for the project which occurred on both public and defence land.

### HMAS Platypus (Sydney Harbour Foreshore Trust), Neutral Bay, NSW

The former HMAS Platypus site (Platypus) was formally transferred to the Harbour Trust on 23 July 2005. It has had a diverse history including as gas works, a Naval torpedo maintenance facility, the HMAS Platypus submarine base and now as an emerging new public park.

Natascha was the **Project Manager** for various projects undertaken on this site by NGH between 2010 and 2016 including marine surveys, aquatic biodiversity assessment and subsequent sea horse relocation and management plan.

## Government

### Foxground to Berry (TfNSW & Fulton Hogan), Berry, NSW

The Foxground to Berry Bypass is a four-lane highway with median separation for 12.5 km of the Princes Highway south of Wollongong. As **Project Director**, Natascha undertook final review of all reports. Natascha worked on this project for five years, reviewing all outputs of the construction and post-construction ecological monitoring. Performance criteria were set at the EIS stage and during the construction phase. Monitoring included weed, aquatic, frog, and fauna surveys (Spotlighting, call playback, camera detection and scat and track surveys) and water quality (including macroinvertebrates). Roadkill was also monitored during construction and the first year of operation. Heat maps of roadkill hotspots were identified and used to make recommendations for further exclusion fencing.

### Elizabeth Bay Marina (RMS), Elizabeth Bay, Sydney, NSW

The 100 year old Elizabeth Bay Marina was upgraded in 2018; the marina was vulnerable to flooding and had begun to deteriorate due to its age. Natascha was the **Project Director** overseeing the delivery of the environmental impact assessment and specialist Biodiversity and heritage assessments under an incredibly tight timeline. She also worked with RMS to undertake public consultation both prior to the impact assessment and during the public exhibition of the impact assessment.

## Water

### Murrumbidgee to Googong Pipeline (Iconwater), Canberra, ACT

A 12-kilometre pipeline that can transfer water from the Murrumbidgee River into the Googong Reservoir, developed as part of a suite of water security projects initiated during the Millennium Drought. Natascha is the Department of Planning approved **Independent Environmental Auditor** for this project. Natascha reviewed the project against the measures committed to in the consent and the operational management plan for the project. She made recommendations to the project team to facilitate continuous improvement.



## Industrial

### **St Marys Intermodal (Pacific National), Sydney, St Marys, NSW**

St Marys Freight Hub a State Significant Development project services major retail distribution centres and warehouses across Greater Western Sydney, including major industrial estates. Natascha was the Department of Planning approved **Independent Environmental Auditor** for this project. Natascha undertook compliance audits for this project from the early works phase and throughout the construction of the project.

## Land development

### **Sydney Childrens Hospital (Health Infrastructure), Bowral, NSW**

The \$658 million Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre brings world-leading clinical care, research and education together under one roof to transform kids' health. Natascha is the Department of Planning approved **Independent Environmental Auditor** for this project. This project is part of the greater Randwick Campus Redevelopment

### **New Maitland Hospital (Health Infrastructure), Maitland, NSW**

The NSW Government has invested \$470 million in delivering the new Maitland Hospital, to meet the growing health service needs for the surrounding communities of the Hunter Valley now and into the future. Natascha is the Department of Planning approved **Independent Environmental Auditor** for this project. This project was undertaken on a green field site with native vegetation communities and potential Aboriginal deposits present. Natascha undertook compliance audits for this project from the early works phase through to operation of the hospital.

### **Campbelltown Hospital redevelopment (Health Infrastructure), Campbelltown, NSW**

The NSW Government has invested 632 million upgrade of Campbelltown Hospital and the redevelopment which will see a new clinical services building as well as

refurbishment of existing buildings.. As the approved **Independent Environmental Auditor** for this project Natascha undertook compliance audits for this project from the early works phase through construction. This project was undertaken adjacent to an operating hospital and subject to stringent noise and vibration requirements.

### **Royal Hall of Industries (Sydney Swans), Sydney, NSW**

Sydney Swans transformed the historic Royal Hall of Industries into a world-class sporting and community hub for not-for profits and elite training facility for the Sydney Swans and their youth Academy. As the approved **Independent Environmental Auditor** for this project Natascha undertook compliance audits for this project from the early works phase through construction.

## Nicola Smith | BSc MPhil

### Regional Manager - Environmental Management

Nicola leads a team of environmental management consultants. She has over 10 years of experience across multiple disciplines and has worked on planning and approval projects, post-approval environmental management, and a variety of projects in the renewable energy sector, extractive industries, infrastructure, manufacturing, and waste management. Nicola is an experienced project manager and report author for all phases of project development, including field investigations, approval documents, environmental management plans, and monitoring programs.



#### Focus areas

- Technical review and quality control
- Stakeholder and client engagement
- Environmental management and monitoring
- Soil and geomorphological investigations
- Contaminated land investigations
- Environmental compliance monitoring programs and reporting
- Preparation of environmental management plans
- Geographical Information Systems (GIS)

#### Professional associations and accreditations

- Environment Institute of Australia and New Zealand (EIANZ) member
- Erosion and Sediment Control – Blue Book Training
- River Styles® Accreditation
- National WHS General Construction Induction Training (White Card)
- First Aid Certificate
- Rail Industry Workers (RIW)
- Green Steps Sustainability Program

#### Project experience

##### Renewable energy

###### **Culcairn Solar Farm (Neoen), Culcairn NSW**

The site will be developed by Neoen and will comprise solar generation capacity of 350 megawatts (MW), as well as a battery with a 100 MW, two-hour capacity. The site also connect to the National Electricity Market via TransGrid's 330 kilovolt transmission line already on site. **Project Manager.** Delivery, authoring and management of the Environmental Impact Assessment (EIA) and associated documentation, as well as technical advice and client contact. Report author and reviewer of post-approval construction environmental management plans.

###### **Coleambally Battery Energy Storage System (Risen Energy), Coleambally NSW**

The Coleambally Solar Farm is a 150MW renewable electricity project with 567,828 solar panels which will displace 307,800 tonnes of CO2 emissions and power 103,000 homes. **Project Manager.** Delivery, authoring and management of the Environmental Impact Assessment (EIA) and associated documentation, as well as technical advice and client contact. Author of the soil survey assessment report.

### **Sebastopol Solar Farm (FRV Services Australia), Sebastopol NSW**

Now operational, Sebastopol solar farm provides clean energy to the equivalent of over 40,000 NSW homes. **Preliminary Site Investigation author.** Field investigation and report author of a Preliminary Site Investigation.

### **Lismore Battery Energy Storage System (Maoneng Australia), Lismore NSW**

This project will involve the development of a utility-scale battery energy storage system near Lismore in northern New South Wales; the Lismore BESS will have a capacity of 100MW which will connect into the Lismore 330kV transmission substation. **Soil Survey Author.** Preparation of report describing the soil characteristics of the proposed site and analysis of the field and laboratory data to characterise the potential for erosion during construction, operation, and decommissioning. In addition, provide a benchmark for soil condition for rehabilitation.

### **Middlebrook Solar Farm (Total Eren), Tamworth NSW**

The proposed Middlebrook Solar Farm will produce up to 500 megawatts alternating current. **Soil Survey Author.** Preparation of report describing the soil characteristics of the proposed site and analysis of the field and laboratory data to characterise the potential for erosion during construction, operation, and decommissioning. In addition, provide a benchmark for soil condition for rehabilitation.

### **Alectown Wind Farm (Neoen), Alectown NSW**

The proposed 120 MW wind farm will generate energy that will be supplied directly into the national electricity grid through a proposed connection into the 132 kV Parkes to Wellington transmission line. **Project Manager.** Delivery, authoring and management of the Scoping Report and associated documentation, as well as technical advice and client contact.

### **Avonlie Solar Farm (Iberdrola), Narrandera NSW**

This project will be a large-scale solar farm in Narrandera, New South Wales. The project will comprise more than 450,000 solar panels with a total energy capacity of up to roughly 245MW(DC). **Ecologist, Project Manager.** Biodiversity surveys pre-approval. Contributor to the Environmental Impact Assessment, project manager of the

post-approval period and author of construction environmental management plan updates.

### **Burrawong Wind Farm (Windlab), Balranald NSW**

Burrawong Wind Farm could host up to 107 wind turbines and produce enough clean energy to power up to 470,000 homes. **Project Manager.** Delivery, authoring and management of the Scoping Report and associated documentation, as well as technical advice and client contact.

### **Snowy 2.0 Transmission Line Connection Project (UGL), Kosciuszko National Park and Bago State Forest, NSW**

Snowy 2.0 is the largest committed renewable energy project in Australia. The Transmission Connection Project will connect Snowy 2.0 Main Works into the National Electricity Market. **Technical lead and field technician.** Technical lead and field technician for the pre-construction baseline water quality monitoring for the project, which included over 18 months of water sampling at 12 locations associated with the project, a pre-construction water quality monitoring strategy and post-monitoring event reporting.

### **Beryl Solar Farm (Tranex Solar), Gulgong NSW**

When completed, the 309,000 advanced solar modules on the Beryl Solar Farm will produce energy to run approximately 25,000 average NSW homes, displacing more than 167,000 metric tons of carbon dioxide emissions per year. **Workstage Manager.** Managing the deliverables associated with post-approval environmental management, which includes the implementation of agri-trials to determine the most appropriate method of groundcover management for the site.

### **Linear infrastructure**

#### **Parkes Intermodal Site and Soil Assessment (BG&E), Parkes NSW**

Site and soil analysis for an on-site sewage management system to support the development of the Parkes Logistics Terminal. **Project Manager.** Collection of soil samples from the project site. Analysis of site physical characteristics, laboratory data and project details to determine the site suitability, location and design of an on-site sewage management system in general accordance with the relevant guidelines.

### **Henry Lawson Drive (Lyll & Associates), Milperra NSW**

The NSW Government is upgrading Henry Lawson Drive to reduce congestion and improve safety and connectivity. **Report author.** Data analysis and report author of a construction and operation surface water assessment for the upgrade of Henry Lawson Drive.

### **Melbourne Airport SAP3 Signalling Power Supply Upgrade Contamination Assessment (BG&E), Melbourne VIC**

Contamination assessment prior to signalling power supply upgrades for the rail corridor between Sunshine to Albion for ARTC upgrade works for the commencement of the Melbourne Airport Rail. **Field technician and report author.** Sample collection, data analysis and report preparation of the contamination assessment.

### **Barton Highway Upgrade (TfNSW), NSW**

The objectives for the Barton Highway align with the objectives in the Long-Term Transport Master Plan. The objectives for the Barton Highway are: Improve liveability and reduce social disadvantage, improve economic growth and productivity, provide scope for regional development and accessibility, improve sustainability, improve safety and security, and improve transport integration process. **Field technician.** Collection of soil samples for Optically Stimulated Luminescence (OSL) dating, and preparation of soil logs in proximity to Aboriginal cultural heritage salvage works.

### **Echuca-Moama Bridge Project – Stage 4 Moama Intersection Detailed Site Investigation (TfNSW), Moama NSW**

TfNSW are looking to divest a parcel of land, which is currently used for residential purposes. A Detailed Site Investigation was required to determine the type and extent of contamination at the site. **Field technician and report author.** Sample collection, data analysis and report preparation of the Detailed Site Investigation.

### **Land management**

#### **Lake Victoria Geomorphological and Erosion Assessment (South Australia Water), Lake Victoria NSW**

Lake Victoria is managed by SA Water as a water reservoir for South Australia domestic water but is overseen by the MDBA. The ancient lake has over 1,000 Aboriginal heritage sites recorded. Due to ongoing water management an Aboriginal Heritage Impact Permit is required to continue to operate the lake **Field technician and report author.** Collection of soil samples and landscape descriptions and mapping to support independent recommendations on Lake management that best supports the conservation of Aboriginal cultural heritage. Provision of a geomorphic risk assessment of the new permit area with a focus on the threats of erosion to Aboriginal cultural heritage.

#### **Crookwell Landfill Surface Water and Groundwater Assessment and Management Plan (Upper Lachlan Shire Council), Crookwell NSW**

A Surface Water and Groundwater Assessment, and Management Plan, of the current landfill to meet the requirements of the Environmental Protection Licence. **Project Manager.** Delivery, authoring and management of the Surface Water and Groundwater Assessment and the Surface Water and Groundwater Management Plan. Key client contact.

#### **Crookwell Landfill Closure Plan (Upper Lachlan Shire Council), Crookwell NSW**

A Landfill Closure Plan as required by the NSW EPA and in accordance with the Solid Waste Landfill Guidelines 2016. **Project Manager.** Management of deliverables, landfill surface gas monitoring and author of the Landfill Closure Plan.

#### **North Ridge Materials Facility (Riverina Warehousing Solutions), Wagga Wagga NSW**

The North Ridge Materials Facility would convert an historic liquid waste evaporation pond into a non-putrescible solid waste disposal cell and leachate evaporation pond. The main waste cell would have the capacity to accept about 630,000 m<sup>3</sup> of non-putrescible waste. **Project Manager.** Delivery, authoring and management of the

Environmental Impact Assessment (EIA) and associated documentation, as well as technical advice and client contact.

### Auditing and compliance

#### **Griffith Base Hospital Audit (NSW Government), Griffith NSW**

The \$250 million Griffith Base Hospital Redevelopment involves the planning, design and delivery of a hospital designed to meet the needs of Griffith and surrounding communities both now and into the future. The project is being delivered in several phases. They include early and enabling works, currently underway on the health campus, and the delivery of a new multi-storey hospital as part of the main phase of works. **Support auditor.** Site visit, review of documentation and audit report.

#### **Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre Audit (NSW Government), Randwick NSW**

The \$658 million Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre brings world-leading clinical care, research and education together under one roof, to transform kids' health. The Project will be delivered as a single project in an integrated facility, to transform paediatric health care locally, nationally and globally. **Support auditor.** Audit plan, site visit, review of documentation and audit report.

#### **Forbes Brinecure Annual Compliance Reporting (Loris H Hassall), Forbes NSW**

Forbes Brinecure is a tannery that processes cattle hides. Up to 311,000 cattle hides are processed each year. **Project Manager.** Data analysis and reporting for the Annual System Performance Report in compliance with the Environmental Protection Licence. Data analysis included soil, brine, pasture and nutrient balance.

#### **Geelong Leather Annual Compliance Reporting (Loris H Hassall), Culcairn NSW**

Geelong Leather is a tannery that processes cattle hides and kangaroo skins. Geelong Leather produce a high quality 'wetblue' leather product that is shipped around the world for the production of leather goods. **Project Manager.** Data analysis and reporting for the Annual System Performance Report in compliance with the Environmental Protection Licence. Data analysis included soil, groundwater, brine, sludge, pasture and nutrient balance.

### Mining and resources

#### **Tharbogang Landfill and Quarry Groundwater Compliance Reporting (Griffith Council), Tharbogang NSW**

The proposed extension to the existing quarry; extracting, processing and transporting between 150,000 and 315,000 tonnes of quarry product by road per year, for up to 25 years; extending landfill operations. **Field technician and report author.** Analysis and reporting of annual groundwater monitoring data.

#### **Mt Bundarbo Quarry (Bald Hill Quarry), Jugiong NSW**

Construction of a hard rock quarry near Jugiong, NSW. The quarry will extract and process 100,00 to 150,000 tonnes per annum with peak demands of up to 450,000 tonnes per annum with material from the quarry supporting local development and maintenance. **Project Manager.** Delivery, authoring and management of the Environmental Impact Assessment (EIA) and associated documentation, as well as technical advice and client contact.

#### **Murray's Crossing Quarry (Bald Hill Quarry), Tumbarumba NSW**

An existing hard rock quarry seeking to increase extraction to 100,000 tonnes per annum with peak periods of 200,000 tonnes per annum over a period of 25 years, with material from the quarry supporting local development and maintenance. **Project Manager.** Delivery, authoring and management of the Environmental Impact Assessment (EIA) and associated documentation, as well as technical advice and client contact. Collection of water quality samples.

### Government

#### **Bomen RiFL (Wagga Wagga City Council), Wagga Wagga NSW**

Construction of the multi-million-dollar Riverina Intermodal Freight and Logistics (RiFL) Hub at Bomen in Wagga Wagga has marked another milestone, with more than one million individual pavers laid over 26,000 square metres for the terminal base. **Erosion and Sediment Control Audit.** Site visit and audit report of on-site erosion and sediment controls.

# Appendix B Audit table

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



Condition of Consent	Part/	Condition	Evidence Collected	Comment	Audit Status
	Sub-Part				
<b>PART A - ADMINISTRATIVE CONTROLS</b>					
<u>Obligation to Minimise Harm to the Environment</u>					
A1.		In addition to meeting the specific performance measures and criteria in this consent, all reasonable and feasible measures must be implemented to prevent, and, if prevention is not reasonable and feasible, minimise any material harm to the environment that may result from the construction and operation of the development.	Site visit Completed checklists CEMP and sub plans	The audit found that reasonable and feasible measures were being implemented and did not note any material harm to the environment	C
<u>Terms of Consent</u>					
A2.		The development may only be carried out:			
	a)	in compliance with the conditions of this consent;		The audit found that compliance with the majority of conditions, however three non conformances were recorded (as below).	NC
	b)	in accordance with all written directions of the Planning Secretary;		There have been no written directions to date.	NT
	c)	generally in accordance with the EIS and Response to Submissions; and	EIS Sydney Children's Hospital and Children's Comprehensive Cancer Centre (Urbis 2021)	A review of actual versus predicted impacts found that the project is generally being delivered in accordance with the EIS	C
	d)	generally in accordance with the Section 4.55(1A) application to amend SSD-10831778 Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre and accompanying documents prepared by Urbis dated 28 October 2022; and Section 4.55(1A) application to amend SSD-10831778 Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre and accompanying documents prepared by Urbis dated 28 November 2022; and			C
	e)	in accordance with the approved plans in the table below:			C
A3.		Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to:			C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	a)	the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Planning Secretary;		No formal written directions have been received since the first Audit.	C
	b)	any reports, reviews or audits commissioned by the Planning Secretary regarding compliance with this approval; and		This is the second audit for the project. No reports have been commissioned by the Planning Secretary.	NT
	c)	the implementation of any actions or measures contained in any such document referred to in (a) above.		Noted	NT
A4.		The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c) or A2(d). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c) and A2(d), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.		Noted	C
<u>Limits of Consent</u>		-		-	
A5.		This consent lapses five years after the date of consent unless work is physically commenced.		Construction commencement date was 21 November 2022, therefore the consent is still valid.	C
<u>Prescribed Conditions</u>		-		-	
A6.		The Applicant must comply with all relevant prescribed conditions of development consent under Part 6, Division 8A of the EP&A Regulation.	Meinhardt - Bonacci Structural design statement 4/10/2022	This relates to compliance with the Building Code of Australia (BCA). Meinhardt - Bonacci Structural design statement confirms compliance of the design with the BCA.	C
<u>Planning Secretary as Moderator</u>				-	
A7.		In the event of a dispute between the Applicant and a public authority, in relation to an applicable requirement in this approval or relevant matter relating to the Development, either party may refer the matter to the Planning Secretary for resolution. The Planning Secretary's resolution of the matter is binding on the parties.		Nil disputes to date	NT



## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



Evidence of Consultation				-	
A8.		Where conditions of this consent require consultation with an identified party, the Applicant must: (a) consult with the relevant party prior to submitting the subject document for information or approval as required; and (b) provide details of the consultation undertaken including: (i) the outcome of that consultation, matters resolved and unresolved; and (ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.	Email evidence dated 18 July 2022 TFNSW Email evidence dated 19/8/2022 Randwick Council email re TfNSW Light Rail Interface Manager 11/08/2022.	Noted. Consultation has been required for the preparation of the Construction Traffic and Pedestrian Management Plan, the Soil and Water Management Plan and the interaction with the Light Rail Corridor and the dilapidation reports.	C
Staging				-	
A9.		The project may be constructed and operated in stages. Where compliance with conditions is required to be staged due to staged construction or operation, a Staging Report (for either or both construction and operation as the case may be) must be prepared and submitted to the satisfaction of the Planning Secretary. The Staging Report must be submitted to the Planning Secretary no later than one month before the commencement of construction of the first of the proposed stages of construction (or if only staged operation is proposed, one month before the commencement of operation of the first of the proposed stages of operation).	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev C 22 July 2022 DPE Letter to HI dated 1/08/2022 re A9 & 10 staging report	A staging report has been prepared and was submitted to Planning prior to commencement of construction. DPE have confirmed that the staging report has been prepared to the satisfaction of the Secretary.	C
			Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev D 8 December 2022.	The Staging Report Rev D included the adjustment to stage of B37 & B38. Adjustment to forecast staging dates and revised Lot numbers. The updated Staging Report is on the Project website and Major Projects Portal.	
A10.		A Staging Report prepared in accordance with condition A9 must:			C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	a)	if staged construction is proposed, set out how the construction of the whole of the project will be staged, including details of work and other activities to be carried out in each stage and the general timing of when construction of each stage will commence and finish;	Section 2 of Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report	Section 2.1 of the report sets out project staging	C
	b)	if staged operation is proposed, set out how the operation of the whole of the project will be staged, including details of work and other activities to be carried out in each stage and the general timing of when operation of each stage will commence and finish (if relevant);		Staged operation is not proposed	C
	c)	specify how compliance with conditions will be achieved across and between each of the stages of the project; and	Section 2 of Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report	Section 2 of the staging report addresses condition compliance for each stage	C
	d)	set out mechanisms for managing any cumulative impacts arising from the proposed staging.	Section 3 of Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report	Section 3 of the report addresses cumulative impacts	C
A11.		Where a Staging Report is required, the project must be staged in accordance with the Staging Report, as approved by the Planning Secretary.		The project is being constructed in accordance with the staging report and no changes have been proposed.	C
A12.		Where construction or operation is being staged in accordance with a Staging Report, the terms of this consent that apply or are relevant to the works or activities to be carried out in a specific stage must be complied with at the relevant time for that stage as identified in the Staging Report.	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev C 22 July 2022	The staging report notes to which stage the terms of consent are relevant in the condition matrix in Appendix A	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



			Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev D 8 December 2022		
<b>Staging, Combining and Updating Strategies, Plans or Programs</b>					
A13.		The Applicant may:			
	a)	prepare and submit any strategy, plan (including management plan, architectural or design plan) or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan (including management plan, architectural or design plan) or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan (including management plan, architectural or design plan) or program);	CEMP Sub plans and Staging report	Plans cover all stages.	C
	b)	combine any strategy, plan (including management plan, architectural or design plan), or program required by this consent (if a clear relationship is demonstrated between the strategies, plans (including management plan, architectural or design plan) or programs that are proposed to be combined); and		Plans have not been combined	C
	c)	update any strategy, plan (including management plan, architectural or design plan), or program required by this consent (to ensure the strategies, plans (including management plan, architectural or design plan), or programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).	Updated Staging Report (Rev D) and the updated CWMP (Rev 02) have been sighted.	The Staging Report is now in Rev D. CWMP now in Rev 02.	C
A14.		Any strategy, plan or program prepared in accordance with condition A13, where previously approved by the Planning Secretary under this consent, must be submitted to the satisfaction of the Planning Secretary.		Noted	NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



A15.		If the Planning Secretary agrees, a strategy, plan (including management plan, architectural or design plan), or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this consent.		The Staging Report Rev D included the adjustment to stage of B37 & B38. Adjustment to forecast staging dates and revised Lot numbers. The updated Staging Report is on the Project website and Major Projects Portal. Mod 2 has been approved, however, no changes are required to any plans or strategies.	C
A16.		Updated strategies, plans (including management plan, architectural or design plan), or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan, program or drawing.		Noted	NT
<u>Structural Adequacy</u>		-			
A17.		All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the development, must be constructed in accordance with the relevant requirements of the BCA. <i>Note: Part 8 of the EP&amp;A Regulation sets out the requirements for the certification of the development.</i>	Meinhardt - Bonacci Structural design statement 4/10/2022  Meinhardt - Bonacci Crown Certificate 3 Certificate of Design - Structural Design Statement 17/01/2023 sighted for Audit 2	Meinhardt - Bonacci Structural design statement confirms compliance of the design with the BCA	C
<u>External Walls and Cladding</u>					
A18.		The external walls of all buildings including additions to existing buildings must comply with the relevant requirements of the BCA.		Works are in the early stages and compliance with this condition will be address in future crown certificates (CC)	NT
<u>Applicability of Guidelines</u>		-			
A19.		References in the conditions of this consent to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this consent.		Noted	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



A20.		Consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.		No written directions relating to any of these matters have been issued to date as of Audit 2.	NT
<u>Monitoring and Environmental Audits</u>			-		
A21.		Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, non-compliance notification, Site audit report and independent auditing. <i>Note: For the purposes of this condition, as set out in the EP&amp;A Act, "monitoring" is monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an "environmental audit" is a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development.</i>	Environmental Audits occurring in accordance with Conditions of Consent	DPE have approved NGH as the independent environmental auditor for this project. This is the second audit for Stage 1. The site component of the audit was conducted on 07/06/2023 with document review undertaken.	C
<u>Access to Information</u>			-		
A22.		At least 48 hours before the commencement of construction until the completion of all works under this consent, or such other time as agreed by the Planning Secretary, the Applicant must:	Email noting website live date 9/9/2022. <a href="https://randwickcampusrdevelopment.health.nsw.gov.au/projects/sydney-children-s-hospital-stage-1/ssd-10831778-documentation">https://randwickcampusrdevelopment.health.nsw.gov.au/projects/sydney-children-s-hospital-stage-1/ssd-10831778-documentation</a>	The website was live on the 9/9/2022 and construction commencement was on the 21 September 2022	C
	a)	make the following information and documents (as they are obtained or approved) publicly available on its website:			

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	(i)	the documents referred to in condition A2 of this consent;		<p>Copies of design plans and conditions of consent are available on the project website. A link to the planning portal is also provided for all approval documentation.</p> <p>Revised Staging Plan is available on the website. The website has been updated with Crown Certificate 2 and 3. The construction monitoring report was uploaded as at March 2023. The Complaints Register as at 31 May 2023. <b>The Conditions of Consent for Mod 1 and Mod 2 can be accessed via the link to the portal.</b></p>	C
	(ii)	all current statutory approvals for the development.		Approvals are available on the website	C
	(iii)	all approved strategies, plans and programs required under the conditions of this consent;		<p>The CEMP and Subplans are on the website including:</p> <ul style="list-style-type: none"> <li>Construction and Environmental Management Plan</li> <li>Construction Traffic and Pedestrian Management Sub-Plan</li> <li>Construction Worker Transportation Strategy</li> <li>Construction Noise and Vibration Management Plan</li> <li>Construction Waste Management Sub-Plan</li> <li>Construction Soil and Water Management Plan</li> <li>Flood and Emergency Response Management Sub-Plan</li> <li>Aboriginal Cultural Heritage Management Sub-Plan</li> </ul> <p>The updated CWMP is available on the website as REV 02</p>	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	(iv)	regular reporting on the environmental performance of the development in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent;	Monthly monitoring reports sighted	Construction monitoring report as at March 2023 is available from the Project website. The monitoring reports include a table of exceedances, the cause and the Project response.	C
	(v)	a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs;	Monthly monitoring reports sighted	Construction monitoring report as at March 2023 is available from the Project website. The monitoring reports include a table of exceedances, the cause and the Project response.	C
	(vi)	a summary of the current stage and progress of the development;	<a href="https://randwickcampus.edevelopment.health.nsw.gov.au/news-and-publications/notices">https://randwickcampus.edevelopment.health.nsw.gov.au/news-and-publications/notices</a>	Construction updates for the whole hospital precinct are available on the Randwick Campus redevelopment site. The audited noted that these are being issued monthly and include information about the Sydney Children's Hospital Stage 1.	C
			Sighted the HI email that went out to community with June construction update.	Construction update newsletter for Feb to June 2023 are available on the Project website.	
	(vii)	contact details to enquire about the development or to make a complaint;		There is an 1800 number for complaints/contact and an email address.	C
	(viii)	a complaints register, updated monthly;	Sighted Randwick Campus Redevelopment Complaint Register dated April 2023 for Audit 2	The Complaints Register includes complaints against the Project for each month from June 2019. It is due to be updated at the end of June 2023.	C
	(ix)	audit reports prepared as part of any independent audit of the development and the Applicant's response to the recommendations in any audit report;	Project website	Audit 1 Report is available on the Project website.	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	(x)	any other matter required by the Planning Secretary; and		Nil to date	C
	b)	keep such information up to date, to the satisfaction of the Planning Secretary.		Noted	C
<u>Compliance</u>		-			
A23.		The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the development.	Induction material Sub contractor Pack 7 December sent to ADD Floors PTY LTD. Sub contractor pack Fredon Industries	Induction includes reference to relevant conditions. The subcontractor pack includes copies of the CEMP and all relevant sub plans which outline consent conditions relevant to the stage of works.	C
			Sighted Induction Rev 8	Changes to the induction include site layout, emergency response procedure and the access route to site following the handover of some of the site to HTH. Updated in April 2023 following loss of access along Botany Street.	
<u>Incident Notification, Reporting and Response</u>				-	
A24.		The Planning Secretary must be notified through the major projects portal immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one), and set out the location and nature of the incident.	Site audit	Interviews with staff noted that there have been no incidents to date.	NT
A25.		Subsequent notification must be given and reports submitted in accordance with the requirements set out in Appendix 1.			NT
<u>Non-Compliance Notification</u>				-	



## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



A26.		The Planning Secretary must be notified through the major projects portal within seven days after the Applicant becomes aware of any non-compliance. The Certifier must also notify the Planning Secretary through the major projects portal within seven days after they identify any non-compliance.	Sighted a letter to the Planning Secretary from HI regarding the non-compliance notification relating to 29 November 2022	Audit 2 viewed a non-compliance record (rock hammering outside the nominated hours) dated the 29 November 2022. The audit found that a notification letter from HI to the Planning Secretary for the rock hammering outside the nominated hours, was dated 15 December 2022 - which was beyond the seven day period.	NC
			Notification from the DPE shows a lodgement date of 6 March 2023	A non-compliance was submitted through the portal on 6 March 2023 to notify the DPE that a construction vehicle (boom lift truck) associated with the project has parked on a nearby Street (Blenheim Street, Randwick) outside of the bounds of the approved CPTMP before entering the construction site on 23 February 2023. The lodgement date is beyond the seven day period (NC002 / NC006).	
A27.		The notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.	Sighted a letter to the Planning Secretary from HI regarding the non-compliance notification relating to 29 November 2022	The letter identified the application number, set out the non-compliant condition, way in which the development was non-compliant, reason for the non-compliance and corrective actions to address the non-compliance.	C
			Sighted letter to the Planning Secretary dated 18 May 2023 sighting non-conformance pursuant to C42	The letter identified the application number, set out the non-compliant condition, way in which the development was non-compliant, reason for the non-compliance.	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



			Sighted letter to the Planning Secretary dated 1 March 2023 sighting non-conformance.	Boom Lift Truck - JHG have issued a non-conformance notice to the Site Accommodation Subcontractor and instructed them to undertake a toolbox talk with their team to address the non-compliance moving forward. All future subcontractors commencing on the site, will be reminded prior to their first site deliveries of the requirement to follow the approved delivery routes as set out in the approved CPTMP, to mitigate any future non-compliances. The project will continue to monitor and ensure compliance.	
			Sighted letter to the Planning Secretary dated 19 June 2023 sighting non-conformance.	Construction vehicle - JHG have issued a non- conformance notice to the Civil Subcontractor. The truck driver had completed the driver induction, however did not follow the Site Specific Rules. The Subcontractor has banned the truck driver from returning to site for failing to comply with the CTPMP. The project will continue to monitor and ensure compliance.	
			Sighted letter to the Planning Secretary dated 21 April 2023 sighting non-conformance.	JHG have issued a non-conformance notice to the Civil Subcontractor. The truck driver had completed the driver induction, however did not follow the Site Specific Rules. The Subcontractor has banned the truck driver from returning to site for failing to comply with the CTPMP. The project will continue to monitor and ensure compliance.	
A28.		A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.		The non-compliance was not notified as an incident.	NT
Revision of Strategies, Plans and Programs				-	
A29.		Within three months of:			C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	a)	the submission of a compliance report under condition A34;		Compliance reports are not required until post occupancy.	NT
	b)	the submission of an incident report under condition A25;		There have been no incident reports submitted to date.	NT
	c)	the submission of an Independent Audit under condition C41 or C42;		No revisions of Plans, Strategies or Programs were required following the submission of Audit 1.	NT
	d)	the approval of any modification of the conditions of this consent; or		The Staging Report was updated following the approval of Mod-1. The revised Staging Report (Rev D 8/12/22) was updated within three months of Mod-1. Mod-2 has been determined but no changes are required to the plan. Mod-3 is underway.	C
	e)	the issue of a direction of the Planning Secretary under condition A2 which requires a review, the strategies, plans and programs required under this consent must be reviewed, and the Planning Secretary and the Certifier must be notified in writing that a review is being carried out		There have been no formal written directions issued to date that trigger this requirement.	NT
A30.		If necessary to either improve the environmental performance of the development, cater for a modification or comply with a direction, the strategies, plans, programs or drawings required under this consent must be revised, to the satisfaction of the Planning Secretary or Certifier (where previously approved by the Certifier). Where revisions are required, the revised document must be submitted to the Planning Secretary and / or Certifier for approval and / or information (where relevant) within six weeks of the review. <i>Note: This is to ensure strategies, plans and programs are updated on a regular basis and to incorporate any recommended measures to improve the environmental performance of the development.</i>	Approval letter sighted from the Planning Secretary for the revised Staging Report Rev D, dated 18 January 2023.	The revised Staging Report (Rev D 8/12/22) was provided to the Planning Secretary within six weeks of the revision and approved on 18/01/23. No updates were triggered by the determination of Mod-2.	C
<u>Compliance Reporting</u>		-		-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



A31.		Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Post Approval Requirements.	Compliance Reporting Post Approval Requirements.	The compliance PAR requires the first report to be prepared within 52 weeks of operation.	NT
A32.		Compliance Reports must be submitted to the Department in accordance with the timeframes set out in the Compliance Reporting Post Approval Requirements, unless otherwise agreed by the Planning Secretary.			NT
A33.		The Applicant must make each Compliance Report publicly available 60 days after submitting it to the Planning Secretary.			NT
A34.		Notwithstanding the requirements of the Compliance Reporting Post Approval Requirements, the Planning Secretary may approve a request for ongoing annual operational compliance reports to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that an operational compliance report has demonstrated operational compliance.			NT
Light Rail Requirements					
A35.		The Applicant must comply with all Altrac Light Rail Partnership (Altrac) or any subsequent operator of Sydney Light Rail (Sydney Light Rail Operator) policies, rules and procedures when working in and about the Sydney Light Rail corridor.	TfNSW approval dated 20/10/2022 for below-ground work.	CC1 and CC2 approval for below-ground work has been provided by TfNSW. JHG are currently in negotiations with Altrac/TfNSW for approval for above-ground works.	C
			Sighted approval letter from TfNSW for above ground works dated 14 February 2023	JHG provided correspondence to TfNSW on 2 February 2023 requesting TfNSW to endorse the conditions to commence above ground works for the Project. TfNSW note that the Applicant satisfies the following conditions B45, B46, B48, B49.	
A36.		The Applicant must comply with the requirements of T HR CI 12090 ST Airspace and External Developments version 1.0 and Development Near Rail Corridors and Busy Roads – Interim Guidelines.	Email of Approval Conditions for Installation of Anchors, 14/10/2022 design drawing no. SCH-ST-DG-31-FF102	Transport confirmed compliance with this requirement as per design drawing no. SCH-ST-DG-31-FF102	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



A37.		Activities of the Applicant must not affect and/or restrict Sydney Light Rail operations without prior written agreement between the Applicant, Transport for NSW (TfNSW), Altrac, and the Sydney Light Rail Operator, and any such written agreement must be obtained no later than two months prior to the activity unless otherwise agreed by TfNSW, Altrac, and the Sydney Light Rail Operator. Any requests for agreement are to include as a minimum the proposed duration, location, scope of works, and other information as required by the Sydney Light Rail Operator.		There have been no restrictions to rail operations to date.	NT
A38.		The Applicant must apply to Altrac and the Sydney Light Rail Operator for any required network shutdowns four months prior to each individual required network shutdown event. Each request for network shutdown must include as a minimum the proposed shutdown dates, duration, location, scope of works, and other information as required by the Sydney Light Rail Operator. It is likely in the first two years there will not be a light rail shut down for maintenance purposes.		There have been no network shutdowns to date.	NT
A39.		The Applicant must not impede access for Sydney Light Rail patrons traversing to and from the Sydney Light Rail stops at all times.		There has been no impediment to access to date.	NT
A40.		TfNSW, and persons authorised by it for this purpose, are entitled to inspect the site of the approved development and all structures to enable it to consider whether those structures on that site have been or are being constructed and maintained in accordance with these conditions of consent, on giving reasonable notice to the principal contractor for the approved development or the owner or occupier of the part of the site to which access is sought.		TfNSW have not requested as site inspection to date.	NT
A41.		All TfNSW, Altrac and Sydney Light Rail Operator's costs associated with review of plans, designs and legal must be borne by the Applicant or in accordance with terms agreed by the relevant parties.	Noted		NT
<b>PART B - PRIOR TO COMMENCEMENT OF CONSTRUCTION</b>					
<u>Notification of Commencement</u>				-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B1.		The Applicant must notify the Planning Secretary in writing of the dates of the intended commencement of construction and operation at least 48 hours before those dates.	Planning Department Post-Approval Planning Portal document sighted, dated 14/09/2022	Notification submitted through the Planning Department Post-Approval Planning Portal document sighted, dated 14/09/2022	C
B2.		If the construction or operation of the development is to be staged, the Planning Secretary must be notified in writing at least 48 hours before the commencement of each stage, of the date of commencement and the development to be carried out in that stage.	Correspondence to the Planning Department on 1 August 2022.	Stage 1 commencement of construction outlined in Staging Report, submitted to the Planning Department in 1 August 2022.	C
			Sighted correspondence from the Planning Department on 4 November 2022 noting the notification of commencement of CC3 for 13 February 2023	correspondence from JHG to HI requesting for HI to provide notification of commencement to the Planning Secretary for the commencement of CC3 on 13 February 2023, dated 2 November 2022. The interview with staff confirmed no work started prior to 13 February for CC3.	
<u>Certified Drawings</u>		-		-	
B3.		Prior to the commencement of construction, the Applicant must submit to the satisfaction of the Certifier structural drawings prepared and signed by a suitably qualified practising Structural Engineer that demonstrates compliance with this development consent.	Meinhardt - Bonacci Structural design statement 4/10/2022 CC2 Blackett MacGuire Goldsmith 7/11/2022.	The structural design certificate was issued to the certifier as part of CC2.	C
			Sighted Meinhardt - Bonacci Structural design statement 17/01/2023 CC3 to Blackett MacGuire Goldsmith 16/03/2023.	The structural design certificate was issued to the certifier as part of CC3.	
<u>External Walls and Cladding</u>				-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B4.		Prior to the commencement of construction of the facade, the Applicant must provide the Certifier with documented evidence that the products and systems proposed for use or used in the construction of external walls, including finishes and claddings such as synthetic or aluminium composite panels, comply with the requirements of the BCA. The Applicant must provide a copy of the documentation given to the Certifier to the Planning Secretary within seven days after the Certifier accepts it.		Façade works compliance will be confirmed in future Crown Certificates.	NT
<b>Balustrade and Terrace Screening</b>				-	
B5.		Prior to the commencement of construction, the Applicant must submit to the satisfaction of the Certifier plans and documentation to confirm balustrading to the upper level terraces will not be constructed with 'Crimsafe' or similar style screening.		Balustrade works compliance will be confirmed in future Crown Certificates.	NT
<b>Pre-Construction Dilapidation Report - Protection of Public Infrastructure</b>				-	
B6.		Prior to the commencement of construction, the Applicant must:			C
	a)	consult with the relevant owner and provider of services and infrastructure that are likely to be affected by the development to make suitable arrangements for access to, diversion, protection and support of the affected infrastructure;	AusGrid Design Offer made on 30/03/2021 sighted, NBN Master Developer Agreement sighted (no date), AARNET email and map for relocation of services email dated 12/11/2020 sighted. Council approval section 94 Local Govt Act 21/10/22	Telecommunications and electricity providers have been consulted. Council have been consulted regarding stormwater and stormwater management.	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	b)	prepare a Pre-Construction Dilapidation Report by a qualified structural engineer identifying the condition of all public (non-residential) infrastructure and assets in the vicinity of the site (including the light rail, roads, gutters and footpaths) that have potential to be affected;	Meinhardt Bonacci (MB) Pre-Construction Dilapidation Report Rev 2 13/7/2022	MB consulting engineers prepared the report to include the area: <ul style="list-style-type: none"> <li>from the precinct site boundary,</li> <li>the pavement surrounding the boundary</li> <li>the roads around the precinct and</li> <li>the public footpaths on the opposite side of the roads</li> </ul> This report incorporated: <ul style="list-style-type: none"> <li>Public pavements/footpaths</li> <li>Public roads/highways/light-rail</li> <li>Kerb and gutter inlets</li> </ul>	C
	c)	submit a copy of the Pre-Construction Dilapidation Report to the asset owner (including Sydney Light Rail Operator and TfNSW), Certifier and Council; and	Email evidence dated 18 July 2022 TfNSW Email evidenced dated 19/8/2022 Randwick Council	TfNSW and council have been provided copies of the reports.	C
	d)	provide a copy of the Pre-Construction Dilapidation Report to the Planning Secretary when requested.		Noted	NT
B7.		The dilapidation survey required for preparation of the report required by condition (b) in relation to the light rail must include a joint site inspection by the representatives of the Sydney Light Rail Operator, TfNSW and the Applicant to establish the extent of existing damage and to enable observation of any deterioration during construction.	Consultation with TfNSW Light Rail Interface Manager sighted 11/08/2022.	No comments from TfNSW as of 11/08/2022.	C
<b>Pre-Construction Survey - Adjoining Properties</b>				-	
B8.		Prior to the commencement of any construction, the Applicant must offer a pre-construction survey to owners of residential and commercial buildings that are likely to be impacted by the development.	Letterbox drops only on Blenheim, commencing 27 June 2022.	Letterbox drop and letters to Strata management in affected residents on Blenheim Street. Photographic proof of letterbox drops for every residential building.	C
B9.		Where the offer for a pre-construction survey is accepted (as required by condition B8), the Applicant must ensure a survey by a suitably qualified and experienced expert is undertaken prior to the commencement of vibration generating works that could impact on the identified buildings.	AusDilaps survey reports. 1 August 2022	Ausdilaps, consultancy specialising dilapidation surveys were engaged to assess and report for units and common areas, existing hospitals.	C



## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B10.		Prior to the commencement of any vibration generating works that could impact on the buildings surveyed as required by condition B9, the Applicant must:			C
	a)	provide a copy of the relevant survey to the owner of each residential or commercial building surveyed in the form of a Pre-Construction Survey Report;	email notification to residents dated 1/09/2022	Survey reports were emailed to relevant owners on 01/09/2022 - sighted.	C
	b)	submit a copy of the Pre-Construction Survey Report to the Certifier; and	CC1 issued 21/10/2022.	Blackett Maguire Goldsmith. CC1 issued 21/10/2022. All pre-construction survey reports were submitted to the certifier as part of CC1.	C
	c)	provide a copy of the Pre-Construction Survey Report to the Planning Secretary when requested.		The interview with staff advised no request from the Planning Secretary to date (Audit 2).	C
<b>Ecologically Sustainable Development</b>				-	
B11.		Prior to the commencement of construction, unless otherwise agreed by the Planning Secretary, the Applicant must demonstrate to the Certifier that the ESD initiatives recommended by the ESD report (Rev 02, prepared by Steensen Varming and dated 23 April 2021) have been incorporated into the design of the development.	Steensen Varming Statement of Compliance to ESD SSDA Conditions 22 July 2022	Steensen Varming was engaged as ESD Consultant to undertake the ESD Design Development of the Sydney Children's Hospital Stage 1 and Children's Comprehensive Cancer Centre project. Steensen Varming confirm that at completion of the project Design Development, the ESD initiatives recommended by the ESD report (Rev 02, prepared by Steensen Varming and dated 23 April 2021) have been incorporated into the design of the development.	C
B12.		The project is to achieve compliance with section 2.5.6 of the Health Infrastructure Engineering Services Guidelines dated 6 August 2021 (including Design Guidance Note No. 058) by attaining a minimum of 60 points in accordance with the ESD Evaluation Tool.	Steensen Varming Statement of Compliance to ESD SSDA Conditions 22 July 2022	Steensen Varming confirm that at completion of the project Design Development, the project achieves compliance with section 2.5.6 of the Health Infrastructure Engineering Services Guidelines dated 6 August 2021 (including Design Guidance Note No. 058) by attaining a minimum of 60 points in accordance with the ESD Evaluation Tool.	C
<b>Outdoor Lighting</b>				-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B13.		Prior to commencement of lighting installation, evidence must be submitted to the satisfaction of the Certifier that outdoor lighting being installed within the site has been designed to comply with AS 1158.3.1:2005 Lighting for roads and public spaces – Pedestrian area (Category P) lighting – Performance and design requirements and AS 4282-2019 Control of the obtrusive effects of outdoor lighting.		Lightning installation has not yet commenced.	NT
<b>Environmental Management Plan Requirements</b>				-	
B14.		Management plans required under this consent must be prepared in accordance with relevant guidelines, including but not limited to the Environmental Management Plan Guideline: Guideline for Infrastructure Projects (DPIE April 2020). <i>Note: The Environmental Management Plan Guideline is available on the Planning Portal at: <a href="http://www.planningportal.nsw.gov.au/majorprojects/assessment/post-approval">www.planningportal.nsw.gov.au/majorprojects/assessment/post-approval</a></i> <i>Note: The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</i>		All management plans have been reviewed and accepted by DPE as being compliant with conditions.	C
<b>Construction Environmental Management Plan</b>				-	
B15.		Prior to the commencement of construction, the Applicant must submit a Construction Environmental Management Plan (CEMP) to the Certifier and provide a copy to the Planning Secretary. The CEMP must include, but not be limited to, the following:	Post Approval Portal notification re CEMP - Date Lodged 14/09/2022.	CEMP Submitted through the Post Approval Portal. Date Lodged 14/09/2022. Sighted Portal confirmation.	C
	a)	Details of:			
	(i)	hours of work;	CEMP Section 2.4.1	Hours of work are detailed in Section 2.4.1	C
	(ii)	24-hour contact details of site manager;	Section 3.5.1	There is a 24 hr contact in Section 3.5.1	C
	(iii)	management of dust and odour to protect the amenity of the neighbourhood;	Appendix 4 CSWMP	The Soil and Water Management Plan includes measures to address management of dust.	C
	(iv)	stormwater control and discharge;	Section 4.4.2 Appendix 4 CSWMP	The Soil and Water Management Plan includes a section of dewatering and discharge	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	(v)	measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the site;	Section 4.4.2 Appendix 4 CSWMP	The Soil and Water Management Plan includes measures such as a rumble grids and rip rap at exit points.	C
	(vi)	groundwater management plan including measures to prevent groundwater contamination;	Section 4.4.2 Appendix 4 FERF, CSWMP	The Soil and Water Management Plan and the flood emergency response plan addresses this item.	C
	(vii)	external lighting in compliance with AS 4282-2019 Control of the obtrusive effects of outdoor lighting; and	Section 4.4.4	This measure is included in Section 4.4.4	C
	(viii)	community consultation and complaints handling;	Section 4.5.2	Complaint management is addressed in the CEMP as well as the community engagement plan	C
	b)	an unexpected finds protocol for contamination, asbestos or other unexpected finds and associated communications procedure;	Appendix 4 - CWMP	There is an unexpected finds protocol	C
	c)	an unexpected finds protocol for Aboriginal and non-Aboriginal heritage and associated communications procedure; and	Appendix 4 - AHMP	There is an unexpected finds protocol	C
	d)	waste classification (for materials to be removed) and validation (for materials to remain) be undertaken to confirm the contamination status in these areas of the site.	Appendix 4 - CWMP	Waste classification requirements are addressed in the waste plan.	C
B16.		The Applicant must not commence construction of the development until the CEMP is approved by the Certifier and a copy submitted to the Planning Secretary.	Post Approval Portal notification re CEMP - Date Lodged 14/09/2022. CC1 issued 21/10/2022	CEMP Submitted through the Post Approval Portal. Date Lodged 14/09/2022. The CEMP was submitted to the certifier as part of CC1.	C
				At Audit 2 the CEMP is still at revision 5	
B17.		A Construction Traffic and Pedestrian Management Plan (CTPMP) must be prepared and submitted to TfNSW for endorsement (via development.sco@transport.nsw.gov.au) to achieve the objective of ensuring safety and efficiency of the road network and address, but not be limited to, the following:	Post Approval Portal notification re CTPMP - Date Lodged 14/09/2022. TfNSW email dated 12/8/2022	TfNSW have agreed to the CTPMP, however have noted that "Endorsement of the CTMP is not an approval to the type of traffic management or delineation devices used, nor is it an approval to any traffic guidance schemes depicted within the CTMP. It is assumed that the proponent has used type approved devices and has developed its traffic guidance schemes in accordance with the	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



				relevant Australian Standards and Guidelines."	
				At Audit 2 the CTPMP is still at revision D	
	a)	be prepared by a suitably qualified and experienced person(s);		Arup prepared the Plan. Arup personnel are suitably qualified Traffic Engineers and Transport Planners with experience in preparing Traffic Management Plans for similar projects	C
	b)	be prepared in consultation with Council, TfNSW and the Sydney Light Rail Operator;		The Plan has been prepared in consultation with TfNSW (and Transdev - the light rail operator) and Council.	C
	c)	detail the measures that are to be implemented to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists, pedestrians, light rail and bus services;	Section 3.3, 3.5, 2.2, 5.6, and 5.7	These measures are embedded in various sections in the plan and form the basis for the plan.	C
	d)	detail heavy vehicle routes, access and parking arrangements;	Section 2.2, 5.3 and 5.4	Section 5.2 deals with Site access, 5.3 construction parking and 5.4 haul routes.	C
	e)	location of any proposed work zones;	Section 5.5	Section 5.5 addresses the Botany Road work zone	C
	f)	details of crane arrangements including location of any cranes;	Section 3.2.2	Section 3.2.2 addresses Cranes and material Handling	C
	g)	predicted construction vehicle movements, noting movements are to be minimised during peak periods;	Section 5.1	Section 5.1 outlines Construction vehicle movements and volumes.	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	h)	details of specific measures to ensure the arrival of construction vehicles to the site does not cause additional queuing on High Street or Botany Street;	Section 3.2.1 3.5, 2.2, 5.1, 5.2 and 5.4	Section 3.5, 2.2, 5.1, 5.2 and 5.4 all address construction movements. Specific information for Botany Road exit is in 5.5 and for High Street and Botany Road in 3.2.1.	C
	i)	details of the monitoring regime for maintaining simultaneous operation of buses, light rail and construction vehicles on roads surrounding the site;	Section 5.6	Section 5.6 deals with Public transport.	C
	j)	pedestrian and traffic management measures;	Section 3.3, 3.5, 2.2, 5.6, and 5.7	This is the intent of the plan and is dealt with through the plan including Section 3.3, 3.5, 2.2, 5.6, and 5.7	C
	k)	construction program and construction methodology;	Section 3	Section 3 addresses the construction program	C
	l)	a detailed plan of any proposed hoarding and / or scaffolding;	Appendix A.3	Appendix A.3 provides a detailed plan	C
	m)	measures to avoid construction worker vehicle movements within the precinct;	Section 2.5	Section 2.5 describes the construction workforce	C
	n)	consultation strategy for liaison with surrounding stakeholders, including other developments under construction;	Sections 2.1, 3.4, 3.5 2.2, 5.1 and Appendix A3	Sections 2.1, 3.4, 3.5 2.2, 5.1 and Appendix A3 all deal with consultation	C
	o)	any potential impacts on general traffic, cyclists, pedestrians and light rail and bus services within the vicinity of the site from construction vehicles;	Sections 2.2, 3.3 5.2, 5.6 and 5.7	Sections 2.2, 3.3 5.2, 5.6 and 5.7 discuss impacts	C
	p)	cumulative construction impacts of projects within the precinct. Existing CTPMPs for development within or around the site should be referenced in the CTPMP to ensure that coordination of work activities are managed to minimise impacts on the surrounding road network; and	Sections 3.4 and 3.5	Cumulative impacts are addressed in Section 3.4 and 3.5	C
	q)	proposed mitigation measures for any identified impacts for the duration of the impacts and measures proposed to mitigate any associated traffic, public transport, pedestrian, and cyclist impacts should be clearly identified and included in the CTPMP.	Section 2.2,3.3, 3.5, 5.3, 5.6, and 5.7	Mitigation measures are addressed in various sections of the plan to satisfy this element of the condition	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B18.		A Construction Noise and Vibration Management Plan (CNVMP) must address, but not be limited to, the following:	CNVMP submitted through the Post Approval Portal. Date Lodged 14/09/2022. sighted Portal confirmation.	At Audit 2 the CNVMP is still at revision 5	C
	a)	be prepared by a suitably qualified and experienced noise expert;	Pulse White Noise Acoustics Pty Ltd were the authors	Appendix C of the CNVMP - Matthew Furlong (Bachelor of Creative Technology - Audio Engineering and Sound Production)	C
	b)	describe procedures for achieving the noise management levels in EPA's Interim Construction Noise Guideline (DECC, 2009);		Section 3.2.1	C
	c)	describe the measures to be implemented to manage high noise generating works in close proximity to sensitive receivers;		Section 5	C
	d)	include strategies that have been developed with the community for managing high noise generating works;		Section 5.4	C
	e)	describe the community consultation undertaken to develop the strategies in condition B18(d);		Section 5.4	C
	f)	include a complaints management system that would be implemented for the duration of the construction; and		Section 5.4	C
	g)	include a program to monitor and report on the impacts and environmental performance of the development and the effectiveness of the management measures.		Section 5.2.3 and 5.3.2	C
B19.		The Construction Waste Management Plan (CWMP) must be prepared and address, but not be limited to, the following:	CWMP (JHG September 2022)	At Audit 2 the CWMP has been updated to revision 02. The CWMP has been updated with REF1 Conditions, which is for the Hospital Road Podium Work. It was updated on 3 March 2023 with the REV 02 Plan available on the Project website. The revisions included minor increases to waste quantities.	C
	a)	detail the quantities of each waste type generated during construction and the proposed reuse, recycling and disposal locations; and		Section 10 and 11	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	b)	removal of hazardous materials, particularly the method of containment and control of emission of fibres to the air, and disposal at an approved waste disposal facility in accordance with the requirements of the relevant legislation, codes, standards and guidelines, prior to the commencement of construction.		Section 6	C
B20.		The Applicant must prepare a Construction Soil and Water Management Plan (CSWMP) and the plan must address, but not be limited to the following:			C
	a)	be prepared by a suitably qualified expert, in consultation with Council;	Council email dated 29 August 2022	Council have been consulted as evidenced by an email. The plan has been prepared internally by JHG with reference to the preliminary ESCP prepared with Meinhardt Bonacci	C
	b)	describe all erosion and sediment controls to be implemented during construction;		Section 7 and Appendix A	C
	c)	provide a plan of how all construction works will be managed in a wet-weather events (i.e. storage of equipment, stabilisation of the Site);		Section 7 and Appendix A	C
	d)	detail all off-Site flows from the Site; and		Section 6	C
	e)	describe the measures that must be implemented to manage stormwater and flood flows for small and large sized events, including, but not limited to 1 in 1-year ARI, 1 in 5-year ARI and 1 in 100-year ARI).		Section 7 and Appendix A	C
B21.		An Aboriginal Heritage Management Plan (AHMP) must be prepared to address, but not be limited to, the following:	MDCA Consulting Aboriginal Heritage Management Plan [AHMP]		C
	a)	be prepared by a suitably qualified and experienced expert in consultation with the Registered Aboriginal Parties;		Mary Dallas Consulting Archaeologists are qualified archaeologists	C
	b)	be submitted to the Certifier and Planning Secretary prior to construction of any part of the development;	Aconnex Correspondence dated 7/09/2022 Post approval planning form 13/09/2022	Blackett MacGuire Goldsmith were provided with the AHMP and have been provided the plan as evidenced by the aconnex documentation. Planning were provided the AHMP align with the CEMP as evidenced by the Post approval planning form	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	c)	detail archaeological monitoring during the investigation, earthworks and construction phases consistent with the recommendations of the 'Aboriginal Cultural Heritage Assessment Report, New Acute Services Building for the Prince of Wales Hospital Randwick NSW' prepared by Mary Dallas Consulting Archaeologists dated October 2018; and		Majority of the site was already excavated prior to JHG. Heritage consultant cleared these areas prior to construction. Hospital Road was not included in this clearance with the Heritage consultant required on-site during initial earthworks along Hospital Road. Photographic evidence was provided of site monitoring during excavation works on Hospital Road, however an updated report from MDCA had not been provided by the heritage consultant at the time of the audit.	C
	d)	detail management of any retrieved Aboriginal Archaeological remains, and recommendations relating to any Aboriginal Archaeological deposits.		Attachment 1 of the AHMP	C
B22.		A Flood Emergency Response Plan (FERP) must be prepared and must address, but not be limited to, the following:		Submitted as part of the CEMP	C
	a)	be prepared by a suitably qualified and experienced person(s);	FERP (BMT August 2022)	BMT are water engineers	C
	b)	address the provisions of the Floodplain Risk Management Guidelines (EESG);	email from BMT dated 13/09/2022	BMT have confirmed that the plan conforms with this requirement in an email in September 2022.	C
	C) (i)	include details of: the flood emergency responses for construction phases of the development;		Section 4	C
	(ii)	predicted flood levels;		Section 2	C
	(iii)	flood warning time and flood notification;		Section 4.2	C
	(iv)	assembly points and evacuation routes;		As per the WHS Plan	C
	(v)	evacuation and refuge protocols; and		As per the WHS plan	C
	(vi)	awareness training for employees and contractors, and users/visitors.		Section 4.2	C
B23.		A Driver Code of Conduct must be prepared and communicated by the Applicant to heavy vehicle drivers and must address the following:	CTPMP	Appendix A.1	C
	a)	minimise the impacts of earthworks and construction on the local and regional road network;		Appendix A.1	C



## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	b)	minimise conflicts with other road users;		Appendix A.1	C
	c)	minimise road traffic noise; and		Appendix A.1	C
	d)	ensure truck drivers use specified routes.		Appendix A.1	C
<b>Soil and Water</b>					
	-	-		-	
B24.		Prior to the commencement of construction, the Applicant must install erosion and sediment controls on the site to manage wet weather events.	Site visit with reference to ESCP.	The site visit found that all controls were in place in accordance with the ESCP.	C
B25.		Prior to the commencement of construction, erosion and sediment controls must be installed and maintained, as a minimum, in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom 2004) commonly referred to as the 'Blue Book'.	MEINHARDT Preliminary ESCP (August 20220)	MEINHARDT Preliminary ESCP in reference to the Blue Book (Landcom 2004) (as part of SWMP)  The ERSED controls that are still in place during Audit 2 are being maintained. These include clean water diversion along the outer hoarding near Hospital Road and covered drains within the Hospital Road construction area, refer to site photos.	C
<b>Construction Parking</b>					
	-	-		-	
B26.		Prior to the commencement of construction, the Applicant must provide sufficient parking facilities on-site or within any approved works zones for construction vehicles and machinery, including for heavy vehicles, to ensure that construction traffic associated with the development does not utilise public and residential streets or public parking facilities.	Site visit. Parking no longer available now that the building is out of the ground and half of the site has been turned over for the HTH site.	Parking for construction vehicles can no longer be provided on site due to the reduction in space. On-site plant remain within the site area. The site access for construction traffic has shifted further south on Botany Street in line with the CTPMP for Stage 3 with the tuck turntable currently under construction.	C
<b>Construction Worker Transportation Strategy</b>					
	-	-		-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B27.		Prior to the commencement of construction, the Applicant must submit a Construction Worker Transportation Strategy to the satisfaction of the Certifier. The Strategy must detail the provision of sufficient parking facilities and secure storage facilities for tools on site or other travel arrangements for construction workers in order to minimise private vehicle travel and demand for parking in nearby public and residential streets, or public parking facilities. A copy of the strategy must be submitted to the Planning Secretary for information.	The Construction Worker Transportation Strategy, the DPE acknowledgment letter and approval by the certifier is available via the Major Projects Portal.	The Strategy details the provision of sufficient parking, alternative transport options and secure storage facilities for tools.	C
<u>Flood Management</u>		-		-	
B28.		Prior to the commencement of construction, the Applicant must prepare and implement for the duration of construction:	Flood emergency response plan (BMT August 2022) Workplace Emergency Response Plan Rev 2 (JHG August 2022)		C
	a)	flood warning and notification procedures for construction workers on site; and		Section 3.2.6 of the FERP addresses notification procedures.	C
	b)	evacuation and refuge protocols.		Section 3.11 of the FERP addresses Evacuation and refuge procedures.	C
B29.		Prior the commencement of construction, the Applicant must demonstrate to the satisfaction of the Certifier that all relevant flood protection measures, including the flood barriers and measures set out in the Flood Modelling Assessment report prepared by Meinhardt Bonacci dated August 2021, would be in place to ensure the development and adjoining sites are protected from potential flooding impacts.	Flood emergency response plan (BMT August 2022) CC1 issued October 2022	The Flood emergency plan was approved as part of CC1.	C
<u>Operational Noise - Design of Mechanical Plant and Equipment</u>		-		-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B30.		Prior to installation of mechanical plant and equipment, the Applicant must incorporate the noise mitigation recommendations in the Acoustic Assessment Report prepared by Pulse Acoustic Consultancy and dated 20 April 2021, into the detailed design drawings. The Certifier must verify that all noise mitigation measures have been incorporated into the design to ensure the development will not exceed the recommended operational noise levels identified in the Acoustic Assessment Report prepared by Pulse Acoustic Consultancy and dated 20 April 2021.		Mechanical plant is yet to be installed.	NT
<u>Landscaping</u>	-	-		-	
B31.		Prior to the commencement of Landscape or Public Domain works the Applicant must prepare a revised Landscape Plan to manage the revegetation and landscaping works on-site, to the satisfaction of the Certifier. The plan must:		Landscaping has not yet commenced.	NT
	a)	be generally in accordance the plans approved in condition A2 and provide for the planting of 64 trees on site;			NT
	b)	include the provision of street tree planting, with species and spacing of trees to be determined in consultation with Council;			NT
	c)	detail incorporation of the wind mitigation measures recommended in the Environmental Wind Impact Assessment prepared by Arup and dated 21 April 2021;			NT
	d)	detail the provision of at least 20 visitor bicycle parking spaces (including provision for some larger e-bike or courier bikes) at ground level close to the public entrances; and			NT
	e)	include details of an accessible north facing landscaped terrace at Level 6 that caters for current and future clinical considerations to provide a sunny recreation space for patients to complement the ground level space, which will be heavily overshadowed.			NT
<u>Public Domain Works</u>	-	-	-	-	-

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B32.		Prior to the commencement of any footpath or public domain works, the Applicant must consult with Council and demonstrate to the Certifier that the streetscape design and treatment meets the requirements of Council, including addressing pedestrian management (excluding any changes to footpath widths beyond the approved dimensions). The Applicant must submit documentation of approval for each stage from Council to the Certifier.		Footpath and public domain works have not commenced.	NT
<u>Operational Waste Storage and Processing</u>	-	-	-	-	-
B33.		Prior to the commencement of construction of waste storage and processing areas, the Applicant must obtain agreement from Council for the design of the operational waste storage area (where waste removal will be undertaken by Council). Where waste removal will be undertaken by a third party, evidence must be provided to the Certifier that the design of the operational waste storage area:	Sighted correspondence from Billard Leece Partnership Pty Ltd to BM+G on 19 January 2023.		C
	(a)		is constructed using solid non-combustible materials;	Design of Operational waste storage area meets requirements B33 (a)	C
	b)	is designed to ensure the door/gate to the waste storage area is vermin proof and can be openable from both inside and outside the storage area at all times;		Design of Operational waste storage area meets requirements B33 (b)	C
	c)	includes a hot and cold water supply with a hose through a centralised mixing valve;		Design of Operational waste storage area meets requirements B33 (c)	C
	d)	is naturally ventilated or an air handling exhaust system must be in place; and		Design of Operational waste storage area meets requirements B33 (d)	C
	e)	includes signage to clearly describe the types of materials that can be deposited into recycling bins and general garbage bins.		Design of Operational waste storage area meets requirements B33 (e)	C
<u>Construction Access Arrangements</u>			-		-
B34.		Prior to the commencement of construction, evidence of compliance of construction parking and access arrangements with the following requirements must be submitted to the Certifier:	CTPMP (Arup August 2022) CC1	The Construction Traffic and Pedestrian Management Plan addresses these requirements and was submitted and approved by the certifier as part of CC1.	C
	a)	all vehicles must enter and leave the Site in a forward direction;		Section 2.2 of the CTPMP addresses vehicle entry and exit.	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	b)	the swept path of the longest construction vehicle entering and exiting the site in association with the new work, as well as manoeuvrability through the site, is in accordance with the latest version of AS 2890.2; and		Appendix A6 of the CTPMP includes a swept path analysis	C
	c)	the safety of vehicles, cyclists and pedestrians accessing adjoining properties, where shared vehicle, cyclist and pedestrian access occurs, has been addressed.		The plan addresses vehicle, cyclist and pedestrian integration throughout including in Section 2.2, 3.4, 3.5, 5.2, 5.3 and 5.7.	C
<b>Operational Access, Car Parking and Service Vehicle Arrangements</b>			-		-
B35.	-	Prior to the commencement of construction of operational parking and access facilities, evidence of compliance of the design of operational parking and access arrangements with the following requirements must be submitted to the Certifier:	Sighted correspondence from Billard Leece Partnership Pty Ltd to BM+G on 19 January 2023.		C
	a)	a minimum of 50 on-site car parking spaces for use during operation of the development (inclusive of accessible parking bays) and designed in accordance with the latest versions of AS 2890.1 and AS 2890.6; and	Sighted correspondence from Billard Leece Partnership Pty Ltd to BM+G on 19 January 2023.	The design of operational parking and access facilities meet the requirements of condition B35 (a)	C
	b)	the swept path of the largest service vehicle entering and exiting the Site in association with the new work, as well as manoeuvrability through the site, must be in accordance with the latest version of AS 2890.2.	Sighted correspondence from Billard Leece Partnership Pty Ltd to BM+G on 19 January 2023.	The design of operational parking and access facilities meet the requirements of condition B35 (b)	C
<b>Integrated Transport Working Group</b>			-		-
B36.		An Integrated Transport Working Group is to be established between NSW Health and Council to ensure the adequate transport planning for the overall masterplan of the Prince of Wales Hospital Campus, and in particular, integration of east-west and north-south bicycle and pedestrian routes. Prior to the commencement of above ground construction, evidence (such as meeting minutes) of the formulation of this working group or evidence of a reasonable attempts to establish the working group is to be provided to the satisfaction of the Certifier.	Sighted meeting minutes, email correspondence and PowerPoint presentation for the Randwick Campus Redevelopment Project Update Integrated Transport Working Group, held on 9 December 2022	Members in attendance at the December ITWG meeting were from Randwick City Council, Health Infrastructure and PWC. Members in attendance at the May ITWG meeting were from Randwick City Council, Health Infrastructure, JHG, Plenary and PWC. Meeting 3 is to be confirmed.	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



			(meeting 1) and 31 May 2023 (meeting 2).		
Access Design and Road Safety Audit			-		-
B37.		Prior to the commencement of construction, a Stage 3 (Detailed Design) Road Safety Audit for the proposed vehicles and pedestrian access arrangements to the subject site must be prepared and submitted to Transport for NSW, Council and the Planning Secretary, including:	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre SCH1 / MCCCC -Staging Report-SSD-10831778 Rev D 8 December 2022.	The Staging report accepted by the DPE On the 1 August 2022 requires this condition to be addressed as part of Crown Certificate 3. the Certifier confirms in CC3 that the Road Safety Audit as submitted to DPE through the Major Projects Portal on 23 January 2023.	C
	a)	the basement carpark, emergency department drop off area car park and all associated access routes from Botany Street; and	Sighted Road Safety Audit documents	Sighted RSA plans - SCH1-AR-DG-10-00001[BD] - PLAN - GENERAL ARRANGEMENT - Level 00 - NORTH_Mark-up; SCH1-AR-DG-10-B1002[BE] - PLAN - GENERAL ARRANGEMENT - Level B1 - SOUTH_Mark-up; SCH1-AR-DG-10-B2002[BA] - PLAN - GENERAL ARRANGEMENT - Level B2 - SOUTH (1)_Mark-up	C
	b)	the basement loading dock, ambulance parking, ambulance transfer bays, and all associated routes via Hospital Road to the public road system.	Sighted Road Safety Audit documents	Sighted RSA plans - SCH1-AR-DG-10-00001[BD] - PLAN - GENERAL ARRANGEMENT - Level 00 - NORTH_Mark-up; SCH1-AR-DG-10-B1002[BE] - PLAN - GENERAL ARRANGEMENT - Level B1 - SOUTH_Mark-up; SCH1-AR-DG-10-B2002[BA] - PLAN - GENERAL ARRANGEMENT - Level B2 - SOUTH (1)_Mark-up	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B38.		The Road Safety Audit required by condition B37 is to be prepared in accordance with Austroads Guide to Road Safety Part 6: Managing Road Safety Audits and Austroads Guide to Road Safety Part 6A: Implementing Road Safety Audits by an independent TfNSW accredited road safety auditor. Based on the results of the road safety audit, the design drawings are to be reviewed to implement any revisions and safety measures, with updated drawings to be submitted to the satisfaction of the Planning Secretary. Where the Road Safety Audit identifies changes are required to the design of the vehicle or pedestrian access routes as they traverse over any adjoining sites, details are to be provided of how those changes will be implemented, including any necessary modifications to existing approvals.		Noted	C
<u>Existing Helipad / Helicopter Operations During Construction</u>			-		-
B39.		Prior to the erection of cranes on the site or any structures that may obstruct helicopter flight paths, existing helipad / helicopter operations at the Randwick Hospitals campus are to be reviewed by a suitably qualified and experienced aviation professional in consultation with relevant stakeholders. The review must consider the proposed construction methodology including plant and equipment to be used (including lighting and cranes) and recommend changes to the construction methodology and / or flight paths where required to ensure safe ongoing helicopter operations to and from the existing helipad at the site during construction. A report summarising the outcome of the review must be submitted to the Certifier and Planning Secretary.	Sighted the review by a qualified and experienced aviation professional for the existing helipad/ helicopter operations. The review included consultation with the stakeholders and is dated 5 December 2022. Sighted the portal submission and the Planning Department response notifying receipt of the document pursuant to B39, dated 15 December 2023	Stakeholders engaged include NSW Ambulance, Toll, Westpac and Careflight. Certifier approved in CC3 item 63 and 64 of CC3 certificate.	C
<u>Light Rail Requirements</u>			-		-
B40.		Prior to the commencement of any construction works or any preparatory, demolition or excavation works, whichever is the earlier, the Applicant must:			C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	a)	consult with TfNSW, Altrac and the Sydney Light Rail Operator to ascertain requirements in relation to the protection of TfNSW's infrastructure and to confirm any construction staging (and associated timing) and associated documentation and activities prior to preparation of requested documentation;	TFNSW consultation letter signed 20/10/2022. Documents were submitted to TfNSW for approval 25/07/2022. Transdev letter and agreement dated 23/09/2022	Consultation with TFNSW has been extensive. TFNSW have confirmed compliance with Conditions B41, B42, B43, B44, B45, B47 and B48. Regarding works near the light rail, Transdev have signed agreement with JHG regarding the operation of a crane adjacent to the light rail.	C
	b)	sign Infrastructure Assess Deed Poll, Safety Interface Agreement and Works Deed with TfNSW and/or the Sydney Light Rail Operator; and	TFNSW, Transdev and JHG letter and agreement dated 23/09/2022	TFNSW, Transdev and JHG have an interim agreement in lieu of the finalised deed stating that works can be undertaken in accordance with the interim agreement providing no crane works are undertaken. Consultation with TfNSW by the audit team with TfNSW notes that the Deed is imminent and in the final draft stages	C
			CC3 item 65		
	c)	confirm in writing with TfNSW what each construction stage will involve.	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev C 22 July 2022	The staging report has been provided and agreed to with TfNSW.	C
			Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev D 8 December 2022.	Changes to the Staging Report were for the road safety audit with no impact to TfNSW. Shifted dates for CC4. However, design completed and therefore B37 and B38 completed with CC3.	



## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B41.		Prior to commencement of works for each construction stage, the Applicant must submit all relevant documentation to TfNSW as requested by TfNSW and obtain its written endorsement. A summary report for each construction stage is also to be provided to TfNSW to demonstrate the following:	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev C 22 July 2022 letter dated 20/10/2022 TfNSW - JHG re Conditions B41, B42, B43, B44, B45, B47 and B48.	The staging report has been provided and agreed to with TfNSW. TfNSW have also confirmed in a letter dated 20/10/2022, that they confirm compliance with B41.	C
	a)	no unacceptable impacts on the light rail corridor and light rail operation by clearly identifying impacts and mitigation measures; and			C
	b)	submitted documentation has satisfied the relevant conditions.			C
B42.		Prior to the commencement of any construction works or any preparatory, demolition or excavation works, whichever is the earlier, the following documentation must be provided for the review and endorsement of TfNSW:	TFNSW consultation letter signed 20/10/2022. Documents were submitted to TfNSW for approval 25/07/2022.	Signed letter includes B41, B42, B43, B44, B45, B47 and B48. Although the letter does not include a reference to B7, it does include a point that references the Dilapidation Report.	C
	a)	final geo-technical and structural report / drawings. Geotechnical reports should include any potential impact on the light rail corridor located adjacent to the subject development site, easement and substratum;		Geotechnical drawings have been provided as confirmed in TfNSW letter dated 20/10/2022.	C
	b)	final construction methodology with construction details pertaining to structural support during excavation or ground penetration;		Construction methods have been provided as confirmed in TfNSW letter dated 20/10/2022.	C
	c)	details of the vibration and movement monitoring system that will be in place before excavation commences;		Details of the vibration movement and monitoring have been provided as confirmed in TfNSW letter dated 20/10/2022.	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	d)	final cross sectional drawings showing ground surface, rail tracks, sub-soil profile, proposed basement excavation and structural design of sub-ground support adjacent to the Rail Corridor located adjacent to the subject development site. Cross sectional drawings should also include the accurate RL depths and horizontal distances from assets (tracks, overhead lines, structures and cables) to the nearest point of excavation or ground penetration works. All measurements are to be verified by a Registered Surveyor; and		Final cross sectional drawings have been provided as confirmed in TfNSW letter dated 20/10/2022.	C
	e)	detailed survey plan with location of services.		Detailed survey plan has been provided as confirmed in TfNSW letter dated 20/10/2022.	C
B43.		Prior to the commencement of construction, the final acoustic assessment is to be submitted to the Certifier demonstrating how the proposed development will comply with the Department of Planning's document titled "Development Near Rail Corridors and Busy Roads Interim Guidelines". All recommendations of the acoustic assessment are to be incorporated in the construction documentation.	CC1	The final acoustic assessment (Arup Nov 2021) was submitted to the certifier with CC1.	C
B44.		Prior to the commencement of construction, the Applicant is to engage an Electrolysis Consultant to prepare a report on the Electrolysis Risk to the development from stray currents and submit a copy to the Certifier. The Applicant must incorporate in the development all the measures recommended in the report to control that risk.	Arup design intent statement 14/07/2022 Corrosion control Engineering Electrolysis Risk report date 12/11/2021	Arup have reviewed the Corrosion Control Engineering's Electrolysis Risk Report dated 12 November 2021 and the recommendation #3 aimed at de-risking stray current from the light rail. They confirm that this recommendation from the report has been incorporated in the Hydraulic and Fire services Specifications.	C
B45.		Prior to the commencement of construction, the Applicant is to design lighting, signs and surfaces with reflective materials in accordance with AS 4282 – 2019 and relevant guidance provided by TfNSW, whether permanent or temporary, which are (or from which reflected light might be) visible from the rail corridor to limit glare and reflectivity to the satisfaction of Altrac, TfNSW and the Sydney Light Rail Operator.	Billiard Leece Partnership Certificate of Architectural Design 22/07/2022	The Certificate of Architectural Design confirms that glare & reflectivity design will comply with AS 4282 and the relevant TfNSW guidance material.	C
			TfNSW consultation letter signed 14/2/2023	TfNSW advised that the applicant has satisfies the following conditions B45, B46, B48 and B49.	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



B46		Prior to the commencement of construction, The Applicant must obtain written confirmation from TfNSW, that satisfactory measures are to be installed (e.g. awning windows, louvres, enclosed balconies, window restrictors etc) which prevent the throwing of objects onto the rail corridor.	Billiard Leece Partnership Certificate of Architectural Design 22/07/2022 TfNSW consultation letter signed 20/10/2022	The level 6 northern terrace is only accessible by maintenance staff by way of a door at level 6 which will be access controlled by hospital management. The level 6 door is required for maintenance access to comply with WHS requirements. The façade in general but specifically the north facing façade has no openable windows which overlook the light rail service on High Street. The southern terrace at this level has no aspect over (does not face) the light rail service on High Street. TfNSW provided confirmation in the letter dated 20/10/2022	C
			TfNSW consultation letter signed 14/2/2023	TfNSW advised that the applicant has satisfies the following conditions B45, B46, B48 and B49.	
B47.		Prior to the commencement of construction, a detailed regime is to be prepared for approval by TfNSW for the excavation of the site and the construction of the building foundations (including ground anchors) for the approved development, which may include geotechnical and structural certification in the form required by TfNSW.	TFNSW consultation letter signed 20/10/2022. Documents were submitted to TfNSW for approval 25/07/2022.	The documentation sent to TFNSW and approved in October included addressing the requirement of this condition.	C
B48.		Prior to the commencement of construction, the Applicant must:	TFNSW consultation letter signed 20/10/2022. Documents were submitted to TfNSW for approval 25/07/2022.		C
			TfNSW consultation letter signed 14/2/2023	TfNSW advised that the applicant has satisfies the following conditions B45, B46, B48 and B49.	
	a)	provide evidence to TfNSW that it holds current public liability insurance cover for a sum agreed to by the Applicant and TfNSW. TfNSW's standard public liability insurance requirement for this type of development adjacent to a rail corridor is minimum of \$250 million. This insurance must not contain any exclusion in relation to works on or near the rail corridor, rail infrastructure.	COC Construction insurance risk policy No SIC22060116	Certificate of Currency was provided to TfNSW with documentation acknowledged in the TFNSW consultation letter signed 20/10/2022.	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	b)	provide evidence to the Certifier written proof of insurance required by B48(a) and TfNSW's written advice to the Applicant on the level of insurance required.	Transdev Email dated 20 October 2022	Transdev email dated 20 October 2022 confirms that the COC are not required until the Deed Poll is in effect.	C
			TfNSW consultation letter signed 14/2/2023	TfNSW advised that the applicant has satisfies the following conditions B45, B46, B48 and B49.	
B49.		Prior to the commencement of construction or any preparatory, demolition or excavation works, whichever is the earlier, if required by TfNSW, Works Deed (s) between the Applicant, TfNSW and/or Altrac and the Sydney Light Rail Operator must be agreed and executed by the parties. These agreements may deal with matters including, but not limited to, the following:	Transdev letter and agreement dated 23/09/2022	Regarding works near the light rail, Transdev (the light rail operator) have signed agreement with JHG regarding the construction works adjacent to the light rail, however the works deed is yet to be signed.	C
			Sighted CC3 Blackett Maguire and Goldsmith item 65 Endoresment of Above Ground Works - TfNSW	TfNSW endorsed the Above Ground Works 14 February 2023	
	a)	Sydney Light Rail operational requirements;			C
	b)	Sydney Light Rail access requirements;			C
	c)	Altrac and Sydney Light Rail Operator policies, rules and procedures compliance requirements;			C
	d)	indemnities and releases;			C
	e)	security of costs;			C
	f)	insurance requirements and conditions;			C
	g)	TfNSW, Altrac and the Sydney Light Rail Operator's recovery of costs from the Applicant for costs incurred by these parties in relation to the development (e.g. review of designs and reports, legal, shutdown /power outages costs including alternative transport, customer communications, loss of revenue etc) risk assessments and configuration change processes;			C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	h)	interface coordination between the Sydney Light Rail Operator and the subject development construction works, including Infrastructure Assess Deed Poll and Safety Interface Agreement between the Applicant and the Sydney Light Rail Operator which must be agreed and executed by the parties. This agreement may deal with matters including, but not limited to, the following:			C
		(i) pre and post construction dilapidation reports;			C
		(ii) the need for track possessions;			C
		(iii) review of the machinery to be used during excavation/ground penetration / construction works;			C
		(iv) the need for track monitoring;			C
		(v) the need for track monitoring;			C
		(vi) endorsement of Risk Assessment/Management Plan and Safe Work Method Statements;			C
		(vii) endorsement of plans regarding proposed craneage and other aerial operations;			C
		(viii) erection of scaffolding/hoarding;			C
		(ix) Light Rail Operator's rules and procedures; and			C
		(x) alteration of rail assets such as the OHW along of track and associated hoarding demarcation system, if undertaken by the Applicant.			C
	i)	Altrac and the Sydney Light Rail Operator's reviews and impact assessment of the Applicant's proposal, engineering design and construction works methodology on Sydney Light Rail Operations and assets;			C
	j)	attendance and participation in the construction works risk assessment of construction activities to be performed in, above, about, and/or below the Sydney Light Rail Corridor			C
	k)	arrangements for shutdowns and Sydney Light Rail restricted operations related costs attributed to the Applicant; and			C
	l)	Sydney Light Rail site works access approval and access permit to work.			C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



PART C - DURING CONSTRUCTION					
<u>Site Notice</u>		-	-	-	-
C1.		A site notice(s):	Site visit	The site visit noted that site signage is compliant with this condition.	C
	a)	must be prominently displayed at the boundaries of the site during construction for the purposes of informing the public of project details including, but not limited to the details of the Builder, Certifier and Structural Engineer is to satisfy the following requirements;	Site visit		C
	b)	minimum dimensions of the notice must measure 841 mm x 594 mm (A1) with any text on the notice to be a minimum of 30-point type size;	Site visit		C
	c)	the notice is to be durable and weatherproof and is to be displayed throughout the works period;	Site visit		C
	d)	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 complaint must be displayed on the site notice; and	Site visit		C
	e)	the notice(s) is to be mounted at eye level on the perimeter hoardings/fencing and is to state that unauthorised entry to the site is not permitted.	Site visit		C
<u>Operation and Plant Equipment</u>		-	-	-	-
C2.		All construction plant and equipment used on site must be maintained in a proper and efficient condition and operated in a proper and efficient manner.	Damastra documentation for Komatsu excavator	Construction plant and equipment are managed onsite using the Damstra platform which tracks maintenance. For the plant inspected, the audit found that maintenance was triggered every 4000 hours (service records were viewed 9/3/2023). Daily pre-starts were also conducted (viewed within the plant itself).	C
<u>Construction Hours</u>		-	-	-	-
C3.		Construction, including the delivery of materials to and from the site, may only be carried out between the following hours:	Induction material, CEMP, site rules.	No works before 7am. Gates are unlocked at this time.	C
	a)	between 7am and 6pm, Mondays to Fridays inclusive; and			C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	b)	between 8am and 5pm, Saturdays.			C
		No work may be carried out on Sundays or public holidays.			C
C4.		Construction activities may be undertaken outside of the hours in condition C3 if required:			C
	a)	by the Police or a public authority for the delivery of vehicles, plant or materials; or		There have been no out of hours works to date	NT
	b)	in an emergency to avoid the loss of life, damage to property or to prevent environmental harm; or		There have been no out of hours works to date	NT
	c)	where the works are inaudible at the nearest sensitive receivers; or		There have been no out of hours works to date	NT
	d)	for the delivery, set-up and removal of construction cranes, where notice of the crane- related works is provided to the Planning Secretary and affected residents at least seven days prior to the works; or	Sighted notifications to DPE for the tower crane delivery and set-up (March 1st notification, April 2nd notification 2023)	Tower cranes were erected outside the approved hours of construction, over a weekend. Tower cranes 1 and 2 were meant to be constructed over sequential weekends. However, there was a delay with tower crane 2 and therefore, DPE were renotified. A letter box drop of the notification went to all affected residents on 24 March 2023, 7 days prior to the weekend works. Notification alerted residents that the tower crane delivery and set-up works were being undertaken between 6am and 7pm daily for Saturday 1 and Sunday 2 April, and Saturday 29 and Sunday 30 April.	C
	e)	where a variation is approved in advance in writing by the Planning Secretary or his nominee if appropriate justification is provided for the works.		There have been no out of hours works to date	NT
C5.		Notification of such construction activities as referenced in condition C4 must be given to affected residents before undertaking the activities or as soon as is practical afterwards.		There have been no out of hours works to date	C
C6.		Rock breaking, rock hammering, sheet piling, pile driving and similar activities may only be carried out between the following hours	Site notice board, sign on sheet, Induction material Rev 8	Respite hours are discussed in toolboxes and daily briefings and noted on the site board. Slide 43 of the site induction details respite periods.	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	a)	9am to 12pm, Monday to Friday;	Sighted Project's complaints register updated 30 June 2023	Noise complaints were received on 18/01/2023 and 07/02/2023 regarding works during the respite period. The investigation identified that the works occurring during the respite period were permissible in both circumstances.	C
	b)	2pm to 5pm Monday to Friday; and	Sighted Project's complaints register updated 30 June 2023	Noise complaints were received on 18/01/2023 and 07/02/2023 regarding works during the respite period. The investigation identified that the works occurring during the respite period were permissible in both circumstances.	C
	c)	9am to 12pm, Saturday.	Sighted Project's complaints register updated 30 June 2023	Noise complaints were received on 18/01/2023 and 07/02/2023 regarding works during the respite period. The investigation identified that the works occurring during the respite period were permissible in both circumstances.	C
<u>Implementation of Management Plan</u>			-		-
C7.		The Applicant must carry out the construction of the development in accordance with the most recent version of the CEMP, CTPMP, CNVMP, CWMP, CSWMP, AHMP and FERP.	Evidence sighted of completed weekly general environmental checklists and inspections following rainfall during site visit on 7/06/2023	Audit 2 found that the Plans are being broadly implemented. Sighted list of weekly general environmental inspections and list of post rainfall inspections. Most inspections were reviewing and maintaining erosion and sediment controls or dewatering. These are mostly closed out as they are recorded. Post-rainfall usually involves dewatering an area then area reopens.	NC



## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



			<p>Sighted non-compliance register which contains details of the non-compliance and the Applicant's response.</p>	<p>The audit found a construction vehicle (boom lift truck) associated with the project has parked on a nearby Street (Blenheim Street, Randwick) outside of the bounds of the approved CPTMP before entering the construction site on 23 February 2023. JHG have issued a non-conformance notice to the Site Accommodation Subcontractor and instructed them to undertake a toolbox talk with their team to address the non-compliance moving forward. All future subcontractors commencing on the site, will be reminded prior to their first site deliveries of the requirement to follow the approved delivery routes as set out in the approved CPTMP, to mitigate any future non-conformances. The project will continue to monitor and ensure compliance.</p>	
			<p>Sighted non-compliance register which contains details of the non-compliance and the Applicant's response.</p>	<p>The audit found two construction vehicles (delivering aggregate) associated with the project have waited on a nearby Street (Blenheim Street, Randwick) outside of the bounds of the approved CPTMP before entering the construction site, on 21 April 2023. JHG have issued a non-conformance notice to the Civil Subcontractor. The truck drivers were both addressed by the JHG Senior Project Manager advising that they were in breach of the approved CTPMP and were not to enter the site. Both trucks were sent away without unloading onto the site. JHG has now directed Cherrie Civil to complete driver inductions prior to drivers attending the site.</p>	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



				The project will continue to monitor and ensure compliance.	
			Sighted non-compliance register which contains details of the non-compliance and the Applicant's response.	The audit found 1 x construction vehicle associated with the project have waited on a nearby Street (Blenheim Street, Randwick) outside of the bounds of the approved CPTMP before entering the construction site on 15 June 2023. JHG have issued a non-conformance notice to the Civil Subcontractor. The truck driver had completed the driver induction, however did not follow the Site Specific Rules. The Subcontractor has banned the truck driver from returning to site for failing to comply with the CTPMP. The project will continue to monitor and ensure compliance.	
<u>Construction Traffic</u>	-			-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



C8.		All construction vehicles (excluding site personnel vehicles) are to be contained wholly within the site, except if located in an approved on-street work zone, and vehicles must enter the site or an approved on-street work zone before stopping unless directed by traffic control.	Site visit Audit 2.	No space for on-site construction vehicle parking with handover of site to HTH. No observed construction traffic parked on surrounding streets. Photographic evidence of no space for construction vehicles taken during site visit on 07/06/2023.	C
<u>Hoarding Requirements</u>		-		-	
C9.		The following hoarding requirements must be complied with:			
	a)	no third-party advertising is permitted to be displayed on the subject hoarding/ fencing other than for the purpose of fulfilling functions of a health services facility other than for the purpose of fulfilling functions of a health services facility; and	Site visit	There was no evidence of third party advertising noted during the site visit.	C
	b)	the construction site manager must be responsible for the removal of all graffiti from any construction hoardings or the like within the construction area within 48 hours of its application.	Site visit	There was no evidence of graffiti.	C
<u>No Obstruction of Public Way</u>			-		-
C10.		The public way (outside of any approved construction works zone) must not be obstructed by any materials, vehicles, refuse, skips or the like, under any circumstances.	Site visit	There was no evidence of any obstruction of any public way. Refer to site photos 07/06/2023.	C
<u>Construction Noise Limits</u>		-		-	
C11.		Construction must be undertaken in accordance with the construction noise management levels detailed in the <i>Interim Construction Noise Guideline</i> (DECC, 2009). All feasible and reasonable noise mitigation measures must be implemented and any activities that could exceed the construction noise management levels must be identified and managed in accordance with the management and mitigation measures identified in the approved Construction Noise and Vibration Management Plan.	Continuous data from in-situ noise logger sighted. AMA monitoring services provide a monthly report (February and April 2023 sighted). Exceedances are issued via text messages.	There were no exceedances recorded for noise for the months December 2022 to April 2023.	C
C12.		The Applicant must ensure construction vehicles (including concrete agitator trucks) do not arrive at the site or surrounding area outside of the construction hours of work outlined under condition C3 unless permitted by	Induction material Rev 8 (14/04/2023)	Hours of work are detailed in the induction material (Slide 13 and 43)	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



C13.		The Applicant must implement, where practicable and without compromising the safety of construction staff or members of the public, the use of 'quackers' to ensure noise impacts on surrounding noise sensitive receivers are minimised.	Plant and machinery goes through the Damastra machinery registration and maintenance system to ensure it meets the safety standards to operate on-site.	Example sighted - Piling Rig Plant Pre-Acceptance Checklist.	C
<b>Vibration Criteria</b>		-		-	
C14.		Vibration caused by construction at any residence or structure outside the site must be limited to:	Sighted Noise and Vibration Assessment Reports from AMA Monitoring Services data for months of December 2022 and January to April 2023		C
	a)	for structural damage, the latest version of <i>DIN 4150-3 (1992-02) Structural vibration</i> - Effects of vibration on structures (German Institute for Standardisation, 1999); and	Sighted Construction Monitoring Report as at March 2023.	Monitoring is continuous with a permanent logger stations on site. Reports are provided monthly. Exceedances have occurred on site on the 6, 7, 8, 20, 21 February 2023 and 15, 20 and 24 March. All exceedances were noted in the monitoring report as being attributed to movement associated with hoarding material, hand digging with a shovel and site shed establishment works as no vibratory works occurring on these dates.	C
	b)	for human exposure, the acceptable vibration values set out in the <i>Environmental Noise Management Assessing Vibration: a technical guideline</i> (DEC, 2006) (as may be updated or replaced from time to time).	Sighted Construction Monitoring Report as at March 2023.	Monitoring is continuous with a permanent logger stations on site. Reports are provided monthly. Exceedances have occurred on site on the 6, 7, 8, 20, 21 February 2023 and 15, 20 and 24 March. All exceedances were noted in the monitoring report as being attributed to movement associated with hoarding material, hand digging with a shovel and site shed	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



				establishment works as no vibratory works occurring on these dates.	
C15.		Vibratory compactors must not be used closer than 30 metres from residential buildings unless vibration monitoring confirms compliance with the vibration criteria specified in condition C14.		Noted	C
C16.		The limits in conditions C14 and C15 apply unless otherwise outlined in a Construction Noise and Vibration Management Plan, approved as part of the CEMP required by condition B18 of this consent.		Noted	C
<u>Tree Protection</u>	-	-		-	
C17.		For the duration of the construction works:			
	a)	street trees must not be trimmed or removed unless it forms a part of this development consent or prior written approval from Council is obtained or is required in an emergency to avoid the loss of life or damage to property;		The works will not impact any street trees.	NT
	b)	all street trees immediately adjacent to the proposed works must be protected at all times during construction in accordance with Council's tree protection requirements. Any street tree, which is damaged or removed during construction due to an emergency, must be replaced, to the satisfaction of Council;		The works will not impact any street trees.	NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	c)	if access to the area within any protective barrier is required during the works, it must be carried out under the supervision of a qualified arborist. Alternative tree protection measures must be installed, as required. The removal of tree protection measures, following completion of the works, must be carried out under the supervision of a qualified arborist and must avoid both direct mechanical injury to the structure of the tree and soil compaction within the canopy or the limit of the former protective fencing, whichever is the greater.		The works will not impact any street trees.	NT
<u>Air Quality</u>	-	-		-	
C18.		The Applicant must take all reasonable steps to minimise dust generated during all works authorised by this consent.	Site visit with sighted sprinklers on boundary fence during site visit on.	Sprinklers have not been required now that all excavations have ceased.	C
C19.		During construction, the Applicant must ensure that:			C
	a)	exposed surfaces and stockpiles are suppressed by regular watering;	Site visit	Refer to photographic evidence of no exposed surfaces taken during site visit on 07/06/2023. Majority of stockpiled material has been removed from site.	C
	b)	all trucks entering or leaving the site with loads have their loads covered;	Driver code of conduct		C
	c)	trucks associated with the development do not track dirt onto the public road network;	Site visit	Concreted vehicle access. For CC3 there are no excavations or exposed soil so mud tracking negligible. No evidence of mud-tracking observed during Audit 2.	C
	d)	public roads used by these trucks are kept clean; and	Street sweeper is used frequently to ensure any mud tracked to roads is removed.	Concreted vehicle access. For CC3 there are no excavations or exposed soil so mud tracking negligible.	C
	e)	land stabilisation works are carried out progressively on site to minimise exposed surfaces.	Site visit.	Excavations have ceased. No exposed batters observed during Audit 2 site visit.	C
<u>Erosion and Sediment Control</u>			-		-

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



C20.		All erosion and sediment control measures must be effectively implemented and maintained at or above design capacity for the duration of the construction works and until such time as all ground disturbed by the works have been stabilised and rehabilitated so that it no longer acts as a source of sediment. Erosion and sediment control techniques, as a minimum, are to be in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom, 2004) commonly referred to as the 'Blue Book'.	Site visit ESCP	The audit reviewed the ESCP and found that all remaining controls were in place, which is predominantly around the Hospital Road precinct. Controls were found to be maintained. Refer to site visit photos.	C
<b>Imported Fill</b>					
C21.		The Applicant must:			C
	a)	ensure that only VENM, ENM, or other material that meets the requirements of a relevant order and exemption issued by the EPA, is brought onto the site;	Sighted email from Cherrie Civil and SLS material analysis certificates (May 2023). Sighted email from Cherrie Civil and Envirolab material analysis certificates (December 2022).	Email correspondence sighted from Cherrie Civil on stabilised sand 01/05/2023. Email correspondence sighted from Cherrie Civil on imported VENM 01/05/2023, material supplied from Holcim Albion Park Quarry	C
	b)	keep accurate records of the volume and type of fill to be used; and	Material tracking register	Audit 2 - sighted Materials Tracking Register. Up to date including records for December 2022, January and March 2023.	C
	c)	make these records available to the Certifier upon request.			NT
<b>Disposal of Seepage and Stormwater</b>					
C22.		Adequate provisions must be made to collect and discharge stormwater drainage during construction of the building to the satisfaction of the Certifier. The prior written approval of Council must be obtained to connect or discharge site stormwater to Council's stormwater drainage system or street gutter.	Sighted several Water Discharge Permits, which fall under external permit number LA/1019/2022 for February to May 2023. Council approval section 94 Local Govt Act 21/10/22	Section 94 Local Govt Act blanket approval 21/10/2022 to 8/08/2023. Discharged on-site stormwater with a water discharge permit for SW5-3 Sed basin 02/05/2023, Flocc tank - Hospital Road 16/05/2023, White flocc tank south 23/05/2023, OSD tank 19/05/2023, Turntable sediment basin 16/5/2023 (May examples).	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



<u>Emergency Management</u>		-			
C23.		The Applicant must prepare and implement awareness training for employees and contractors, including locations of the assembly points and evacuation routes, for the duration of construction.	Induction material, notice boards, management plans, Sighted Site Environmental Plan and Induction Material Rev 8	Refer to photo of notice board.	C
<u>Stormwater Management System</u>		-			
C24.		Within three months of the commencement of construction, the Applicant must design an operational stormwater management system for the development and submit it to the satisfaction of the Certifier. The system must:	Sighted Operational Stormwater Management System Report REV 01 from Meinhardt Bonacci and dated February 2023. Sighted correspondence from the Certifier, BM+G, that it was reviewed, dated 6 June 2023	This requirement is yet to be triggered. The Report was reviewed by BM+G and subsequently amended. The submission of the Plan was within 3 months of commencement of construction and therefore satisfies this condition.	C
	a)	be designed by a suitably qualified and experienced person(s);		Company engaged to prepare the Operational Stormwater Management System Report is Meinhardt Bonacci who are consulting engineers.	C
	b)	be generally in accordance with the conceptual design in the EIS;	Sighted Project EIS Stormwater Management Plan Civil (Meinhardt Bonacci Rev 02) and Operational Stormwater Management System Report REV 01 from Meinhardt Bonacci and dated February 2023.	A comparison of the conceptual design in the project Environmental Impact Statement and the Operational Stormwater Management System Report REV 01 shows the operational stormwater management to be in general accordance with the conceptual design. The number of on-site detention systems has been reduced from three to two. The pollutant removal targets remain the same with the % reduction from the modelling showing a treatment train that is similar.	C



## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	c)	be in accordance with applicable Australian Standards; and	Sighted Operational Stormwater Management System Report REV 01 from Meinhardt Bonacci and dated February 2023.	All stormwater measures have been designed in accordance with AS3500.3 (2018)	C
	d)	ensure that the system capacity has been designed in accordance with <i>Australian Rainfall and Runoff</i> (Engineers Australia, 2016) and <i>Managing Urban Stormwater: Council Handbook</i> (EPA, 1997) guidelines.	Sighted Operational Stormwater Management System Report REV 01 from Meinhardt Bonacci and dated February 2023.	All stormwater measures have been designed in accordance with ARR 2016, and <i>Managing Urban Stormwater: Council Handbook</i> (EPA, 1997) guidelines.	C
Unexpected Finds Protocol - Aboriginal Heritage					
C25.		In the event that surface disturbance identifies a new Aboriginal object:			NT
	a)	all works must halt in the immediate area to prevent any further impacts to the object(s);		There have been no unexpected finds.	NT
	b)	a suitably qualified archaeologist and the registered Aboriginal representatives must be contacted to determine the significance of the objects;		There have been no unexpected finds.	NT
	c)	the site is to be registered in the Aboriginal Heritage Information Management System (AHIMS) which is managed by Heritage NSW under Department of Premier and Cabinet and the management outcome for the site included in the information provided to AHIMS;		There have been no unexpected finds.	NT
	d)	the Applicant must consult with the Aboriginal community representatives, the archaeologists and Heritage NSW to develop and implement management strategies for all objects/sites; and		There have been no unexpected finds.	NT
	e)	works may only recommence with the written approval of the Planning Secretary.		There have been no unexpected finds.	NT
Unexpected Finds Protocol - Historic Heritage					
C26.		If any unexpected archaeological relics are uncovered during the work, then:		There have been no unexpected finds.	NT
	a)	all works must cease immediately in that area and notice is to be given to Heritage NSW and the Planning Secretary;		There have been no unexpected finds.	NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	b)	depending on the possible significance of the relics, an archaeological assessment and management strategy may be required before further works can continue in that area as determined in consultation with Heritage NSW; and		There have been no unexpected finds.	NT
	c)	works may only recommence with the written approval of the Planning Secretary.		There have been no unexpected finds.	NT
<b>Waste Storage and Processing</b>			-		
C27.		All waste generated during construction must be secured and maintained within designated waste storage areas at all times and must not leave the site onto neighbouring public or private properties	Site visit. Sighted monthly waste reports	Refer to site visit photos 07/06/2023. All waste removed by Bingo. Bingo provide monthly waste report. Sighted monthly waste reports from Bingo for the months of December 2022 to April 2023	C
C28.		All waste generated during construction must be assess, classified and managed in accordance with the Waste Classification Guidelines Part 1: Classifying Waste (EPA, 2014).	Douglas Partners stockpile classification report. Bingo industries monthly waste report October and November 2022	Records show that waste is being classified. Bingo had supplied a waste report inclusive of April 2023.	C
C29.		The Applicant must ensure that concrete waste and rinse water are not disposed of on the site and are prevented from entering any natural or artificial watercourse.	Site visit Bingo waste register	Concrete waste is being disposed offsite as evidenced by the Bingo waste report and the site visit.	C
C30.		The Applicant must record the quantities of each waste type generated during construction and the proposed reuse, recycling and disposal locations for the duration of construction.	Site visit Bingo waste register	Bingo monthly waste reports showing the quantities of each waste type and the volume recycled vs sent to landfill. For April 2023, 91.94% of waste was recycled and 8.06% sent to landfill.	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



C31.		The Applicant must ensure that the removal of hazardous materials, particularly the method of containment and control of emission of fibres to the air, and disposal at an approved waste disposal facility is in accordance with the requirements of the relevant legislation, codes, standards and guidelines.	Douglas Partners report (December 2022)	Douglas Partners Pty Ltd (DP) was commissioned by John Holland Group Pty Ltd (JHG) to undertake a waste classification assessment of two stockpiles of fill within Stage 2 at Randwick Campus Redevelopment (RCR) following the observation of potential asbestos fragments within the stockpiles (at the source). The waste classification was conducted with reference to the Waste Classification Guidelines, Part 1: Classifying Waste(NSW EPA, 2014). The material was classified as General Soil Waste (non-putrescible)-Special Waste Asbestos and has been removed from the site.	C
<u>Outdoor Lighting</u>	-	-		-	
C32.		The Applicant must ensure that all other external lighting is constructed and maintained in accordance with AS 4282-2019 Control of the obtrusive effects of outdoor lighting.		External lighting is yet to be installed.	NT
<u>Site Contamination</u>	-	-		-	
C33.		Remediation of the site must be carried out in accordance with the Report on Remediation Action Plan — Sydney Children's Hospital Stage 1 and Children's Comprehensive Cancer Centre (SCH 1 / CCCC), High Streets and Hospital Road, Randwick dated April 2021 and prepared by Douglas Partners and any variations to the Remediation Action Plan approved by an NSW EPA-accredited Site Auditor.	Douglas Partners report (December 2022)	Only stockpiled material of two locations where Asbestos Containing Material was located. Process in accordance with RAP.	C
C34.		Where remediation is carried out / completed in stages, a NSW EPA-accredited Site Auditor must confirm satisfactory completion of each stage by the issuance of Interim Audit Advice(s) prior to the use / operation of the remediated area(s).		Remediation is still on going. Once the remediation works have been completed, the project Geotech will provide all information to the Site Auditor for the completion of the Interim Audit Advice. This will all be completed prior to the use / operation of the remediated areas, as per the requirements noted in the condition.	NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



C35.		The Applicant must ensure the proposed development does not result in a change of risk in relation to any pre-existing contamination on the site that would result in significant contamination.		Noted	C
<u>Independent Environmental Audit</u>			-		-
C36.		Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the preparation of an Independent Audit Program or commencement of an Independent Audit.	DPE letter dated 24/08/2022 confirming Independent audit team	DPE confirmed the audit team in August. Natascha Arens was confirmed as the lead auditor and Nicola Smith as the audit assistant.	C
C37.		Within four weeks of the commencement of construction, an Independent Audit Schedule prepared in accordance with the Independent Audit Post Approval Requirements (2020), as amended by condition C38, must be submitted to the Planning Secretary and the Certifier.	Post approval portal receipt dated 21/10/2022	The audit schedule was prepared and provided in this time frame.	C
C38.	Table 1 of the Independent Audit Post Approval Requirements (2020), is amended so that the Independent Audit Schedule frequency of Independent Audits required in the construction phase is:			Noted	C
	a)	an initial construction Independent Audit must be undertaken within 12 weeks of the notified commencement date of construction; and		The initial construction audit was undertaken on the 13 december 2022 and within 12 weeks of construction commencement	C
	b)	subsequent Independent Audits of construction must be undertaken at intervals, no greater than 26 weeks from the date of the initial construction Independent Audit.		Audit 2 site inspection took place on 7 June 2023, 25 weeks following Audit 1.	C
C39.		The Planning Secretary may require Independent Audits to be undertaken at different times to those specified above, upon giving at least eight weeks notice to the Applicant of the date upon which the Independent Audit must be commenced.		Noted	NT
C40	Independent Audits of the development must be carried out in accordance with:				C
	a)	the Independent Audit Schedule submitted to the Planning Secretary and the Certifier under condition C36 of this consent, as amended by condition C40; and	Audit Schedule	The audit has been carried out in accordance with the schedule	C
	b)	the Independent Audit Post Approval Requirements (2020).	Independent Audit Post Approval Requirements (2020).	The audit has been undertaken with reference to the PAR (2020).	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Applicant must:				
C41.	a)	review and respond separately to each Independent Audit Report prepared under condition C40 of this consent;	Sighted Applicant's review and response to the Audit 1 findings and recommendations dated 12 May 2023	HI prepared a response to Audit 1, dated 12 May 2023.	C
	b)	submit the response to the Planning Secretary and the Certifier; and	Sighted post approval notification through the portal that the Applicant's response was submitted to the Planning Secretary.	HI prepared a response to Audit 1, dated 12 May 2023. The submission of the document through the portal occurred on 18 May 2023. Sighted acknowledgement of receipt of Audit 1 report and the Audit 1 Response on 23/05/2023. Sighted correspondence between JHG, PWC and HI to Planning Secretary, and correspondence between JHG and Certifier.	C
	c)	make each Independent Audit Report and response to it publicly available 60 days after submission to the Planning Secretary.		The IEA Audit 1 is available on the Project website. The Audit response is not yet available on the Project website. Submission of the Audit Report and Audit Response through the portal was on 18 May 2023. The 60 day period has not yet lapsed.	C
C42.		Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approval Requirements (2020), unless otherwise agreed by the Planning Secretary.		The Audit 1 Report and the Applicant's Response were not submitted to the Planning Secretary within 2 months of undertaking the Audit 1 site inspection. The applicant submitted a non-compliance to the Planning Secretary through the portal pursuant to A26.	NC
C43.		Notwithstanding the requirements of the Independent Audit Post Approval Requirements (2020), the Planning Secretary may approve a request for ongoing operational Independent Audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that Independent Audits have demonstrated consistent operational compliance.		Noted	NT
Light Rail Requirements		-			

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



C44.		Construction vehicles must not stop or be parked on High Street adjacent to the development at any time without prior approval of TfNSW.	CTPMP	This is noted in the CTPMP.	C
C45.		All piling and excavation works are to be supervised by a geotechnical engineer experienced with such excavation projects.	Douglas Partners inspection notes 15/7/2022, 10/10/2022, 15/11/2022, 25/11/2022,	Douglas partners have been supervising works as required as the geotechnical consultant for the site.	C
C46.		No rock anchors/bolts (temporary or permanent) are to be installed into the light rail corridor without prior approval from TfNSW.	Email approval from TfNSW for rock anchors.	Geotech has reviewed and certified the location of the rock anchors. Refer to B42 - excavation works and rock anchors, which triggered guideline B43.	C
C47.		No metal ladders, tapes and plant/machinery, or conductive material are to be used within six horizontal metres of any live electrical equipment unless a physical barrier such as a hoarding or structure provides separation.	Electrical safety procedure	JHG have a procedure for working near live electrical equipment. However there have been no ladders tapes or plant or machinery used within six metres of the live electrics in the rail corridor.	NT
C48.		All reasonable and feasible measures must be undertaken to prevent any form of pollution entering the light rail corridor during all stages of construction. The Applicant is responsible for removing and rectifying any issues as soon as practicable resulting from any pollution that arises as a consequence of the development activities.	Site visit	The site is fenced, there are waste bins, no construction rubbish observed in surrounding streets. Refer to photos from site visit 07/06/2023.	C

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



C49.		The Applicant must mitigate all noise and vibration during construction to the extent possible and provide vibration monitoring equipment and provide the results to the Sydney Light Rail Operator at intervals required by TfNSW and the Sydney Light Rail Operator, and immediately implement corrective actions in the event that the noise or vibration exceeds acceptable limits.	CNVMP Environmental Monitoring Summary – Sept - Oct 2022 (JHG) Environmental Monitoring Summary – Nov 2022 (JHG) NOISE & VIBRATION MONITORING ASSESSMENT REPORT (AMA November 2022)	Monitoring is continuous with a permanent logger stations on site. Reports are provided monthly. Exceedances have occurred on site on the 6, 7, 8, 20, 21 February 2023 and 15, 20 and 24 March. All exceedances were noted in the monitoring report as being attributed to movement associated with hoarding material, hand digging with a shovel and site shed establishment works as no vibratory works occurring on these dates. Continuous data from in-situ noise logger sighted. AMA monitoring services provide a monthly report (February and April 2023 sighted). There were no exceedances recorded for noise for the months December 2022 to April 2023.	C
C50.		Drainage from the development must be adequately disposed of/managed and not allowed to be discharged into the corridor unless prior approval has been obtained from TfNSW and the Sydney Light Rail Operator (or the delegated authority), including ensuring rainwater does not project and/or fall into the rail corridor/assets and is adequately conveyed by pipes down the face of the building which faces the rail corridor.	ESCP, Site Visit	Pits are covered, dewatering permit system in place that doesn't allow discharge to rail corridor.	C
C51.		No scaffolding is to be used within six horizontal metres of the rail corridor unless prior written approval has been obtained from the Sydney Light Rail Operator and TfNSW and a physical barrier such as a hoarding or structure provides separation. To obtain approval the Applicant will be required to submit details of the scaffolding, the means of erecting and securing this scaffolding, the material to be used, and the type of screening to be installed to prevent objects falling onto the rail corridor.	Not triggered	Scaffolding within the site, which is more than 6m from the rail corridor.	NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



C52.		The builder's direct contact number is to be provided to small businesses adjoining or impacted by the construction work and the Transport Management Centre and Transport for NSW (via development.sco@transport.nsw.gov.au) to resolve issues relating to traffic, public transport, freight, servicing and pedestrian access during construction in real time. The Applicant is responsible for ensuring the builder's direct contact number is current during any stage of construction.	Monthly construction update Dec 2022 (HI Communications)	Randwick Campus Redevelopment Community Notice monthly construction update. Prepared by HI Coms, sent to local residents and businesses. There is a contact number for complaints. Sighted June 2023 newsletter at Audit 2.	C
<u>Construction Traffic Management</u>	-	-			
C53.		The builder's direct contact number is to be provided to small businesses adjoining or impacted by the construction work and the Transport Management Centre and Transport for NSW (via development.sco@transport.nsw.gov.au) to resolve issues relating to traffic, public transport, freight, servicing and pedestrian access during construction in real time. The Applicant is responsible for ensuring the builder's direct contact number is current during any stage of construction.	Randwick Campus Redevelopment Community Notice - monthly by HI Coms.	Randwick Campus Redevelopment Community Notice monthly construction update. Prepared by HI Coms, sent to local residents and businesses. There is a contact number for complaints. Sighted June 2023 newsletter at Audit 2.	C
<u>Notification of Occupation</u>	-	-		-	
D1.		At least one month before commencement of operation, the date of commencement of the operation of the development must be notified to the Planning Secretary in writing. If the operation of the development is to be staged, the Planning Secretary must be notified in writing at least one month before the commencement of each stage, of the date of commencement and the development to be carried out in that stage.	Not triggered	-	NT
<u>External Walls and Cladding</u>	-	-			
D2.		Prior to commencement of operation, the Applicant must provide the Certifier with documented evidence that the products and systems used in the construction of external walls including finishes and claddings such as synthetic or aluminium composite panels comply with the requirements of the BCA.	Not triggered		NT



## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



D3.		The Applicant must provide a copy of the documentation given to the Certifier to the Planning Secretary within seven days after the Certifier accepts it.	Not triggered		NT
<u>Works as Executed Plans</u>	-	-		-	
D4.		Prior to the commencement of operation, works-as-executed drawings signed by a registered surveyor demonstrating that the stormwater drainage and finished ground levels have been constructed as approved, must be submitted to the Certifier.	Not triggered		NT
<u>Warm Water Systems and Cooling Systems</u>	-	-		-	
D5.		The installation of warm water systems and water cooling systems (as defined under the <i>Public Health Act 2010</i> ) must comply with the <i>Public Health Act 2010</i> , Public Health Regulation 2012 and Part 1 (or Part 3 if a Performance-based water cooling system) of <i>AS/NZS 3666.2:2011 Air handling and water systems of buildings – Microbial control – Operation and maintenance</i> and the NSW Health Code of Practice for the Control of Legionnaires' Disease.	Not triggered		NT
<u>Outdoor Lighting</u>	-	-		-	
D6.		Prior to the commencement of operation, the Applicant must submit evidence from a suitably qualified practitioner to the Certifier that demonstrates that installed lighting associated with the development achieves the objective of minimising light spillage to any adjoining or adjacent sensitive receivers and:	Not triggered		NT
	a)	complies with the latest version of AS 4282-2019 - <i>Control of the obtrusive effects of outdoor lighting</i> ; and	Not triggered		NT
	b)	has been mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network in accordance with AS 4282-2019 - <i>Control of the obtrusive effects of outdoor lighting</i> .	Not triggered		NT
<u>Mechanical Ventilation</u>	-	-		-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



D7.		Prior to commencement of operation, the Applicant must provide evidence to the satisfaction of the Certifier that the installation and performance of the mechanical ventilation systems complies with:	Not triggered		NT
	a)	AS 1668.2-2012 <i>The use of air-conditioning in buildings – Mechanical ventilation in buildings</i> and other relevant codes; and	Not triggered		NT
	b)	any dispensation granted by Fire and Rescue NSW.	Not triggered		NT
<u>Operational Noise - Design of Mechanical Plant and Equipment</u>	-	-		-	
D8.		Prior to the commencement of operation, the Applicant must submit evidence to the Certifier that the noise mitigation recommendations in the Acoustic Assessment Report prepared by Pulse Acoustic Consultancy and dated 20 April 2021 have been incorporated into the design to ensure the development will not exceed the recommended operational noise levels identified in that report.	Not triggered		NT
<u>Fire Safety Certification</u>	-	-		-	
D9.		Prior to commencement of occupation, a Fire Safety Certificate must 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 Council. The Fire Safety Certificate must be prominently displayed in the building.	Not triggered		NT
<u>Structural Inspection Certificate</u>	-	-		-	
D10.		Prior to the commencement of occupation of the relevant parts of any new or refurbished buildings, a Structural Inspection Certificate or a Compliance Certificate must be submitted to the satisfaction of the Certifier. A copy of the Certificate with an electronic set of final drawings (contact approval authority for specific electronic format) must be submitted to the approval authority and the Council after:	Not triggered		NT
	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	Not triggered		NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	b)	the drawings listed on the Inspection Certificate have been checked with those listed on the final Design Certificate/s.	Not triggered		NT
<u>Compliance with Food Code</u>	-	-		-	
D11.		Prior to the commencement of operation, the Applicant is to obtain a certificate from a suitably qualified tradesperson, certifying that the kitchen, food storage and food preparation areas have been fitted in accordance with the AS 4674 <i>Design, construction and fit-out of food premises</i> and provide evidence of receipt of the certificate to the satisfaction of the Certifier.	Not triggered		NT
<u>Post-construction Dilapidation Report - Protection of Public Infrastructure</u>	-	-		-	
D12.		Prior to the commencement of operation, the Applicant must engage a suitably qualified and experienced expert to prepare a Post-Construction Dilapidation Report. This Report must:	Not triggered		NT
	a)	ascertain whether the construction works created any structural damage to public infrastructure by comparing the results of the Post-Construction Dilapidation Report with the Pre-Construction Dilapidation Report required by condition B6(b) of this consent;	Not triggered		NT
	b)	have, if it is decided that there is no structural damage to public infrastructure, the written confirmation from the asset owner (including Sydney Light Rail Operator and TfNSW) or public authority that there is no adverse structural damage to their infrastructure (including roads).	Not triggered		NT
	c)	be submitted to the Certifier;	Not triggered		NT
	d)	be forwarded to Council for information; and	Not triggered		NT
	e)	be provided to the Planning Secretary when requested.	Not triggered		NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



D13.		The post-construction dilapidation survey required to prepare the report for condition D12 must include a joint inspection with representatives from TfNSW, the Sydney Light Rail Operator and the Applicant. The dilapidation survey to be undertaken would encompass the rail infrastructure and property in the vicinity of the project. The dilapidation surveys will determine the extent of any damage and deterioration resulting from construction works. A copy of the report required by condition D12 must be submitted to TfNSW and the Sydney Light Rail Operator, unless otherwise notified by TfNSW.	Not triggered		NT
<u>Repair of Public Infrastructure</u>	-	-		-	
D14.		Unless the Applicant and the relevant public authority or asset owner (including Sydney Light Rail Operator and TfNSW) agree otherwise, the Applicant must:	Not triggered		NT
	a)	repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out the construction works; and/or	Not triggered		NT
	b)	relocate, or pay the full costs associated with relocating any infrastructure that needs to be relocated as a result of the development; and/or	Not triggered		NT
	c)	pay compensation for the damage as agreed with the owner of the public infrastructure.	Not triggered		NT
	Note	<i>This condition does not apply to any damage to roads caused as a result of general road usage or otherwise addressed by contributions of this consent.</i>	Not triggered		NT
<u>Road Damage</u>	-	-		-	
D15.		Prior to the commencement of operation, the repair or cost of repairing any damage caused to Council or other Public Authority's assets in the vicinity of the Subject Site as a result of construction works associated with the approved development must be met in full by the Applicant.	Not triggered		NT
<u>Post-construction Survey - Adjoining Properties</u>	-	-		-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



D16.		Where a pre-construction survey has been undertaken in accordance with condition B9, prior to the commencement of operation, the Applicant a post-construction survey must be undertaken by a suitably qualified and experienced expert and prepare a Post-Construction Survey Report. This Report must:	Not triggered		NT
	a)	document the results of the post-construction survey and compare it with the pre- construction survey to ascertain whether the construction works caused any damage to buildings surveyed in accordance with condition B9;	Not triggered		NT
	b)	be provided to the owner of the relevant buildings surveyed;	Not triggered		NT
	c)	be provider to the Certifier; and	Not triggered		NT
	d)	be provided to the Planning Secretary when requested.	Not triggered		NT
D17.		Where the Post-Construction Survey Report determines that damage to the identified property occurred as a result of the construction works, the Applicant must repair, or pay the full costs associated with repairing the damaged buildings, within an agreed timeline between the owner of the identified property, unless otherwise agreed by the Planning Secretary. Alternatively, the Applicant may pay compensation for the damage as agreed with the property owner.	Not triggered		NT
<u>Car Prking Arrangements</u>	-	-		-	
D18.		Prior to the commencement of operation or other timeframe agreed in writing by the Planning Secretary, evidence must be submitted to the Certifier that demonstrates that a dynamic wayfinding system (or similar measures that would deliver at least 65 additional spaces) has been installed in the main hospital carpark. Evidence is to be provided to the satisfaction of the Certifier that the changes have resulted in efficiencies that effectively deliver at least an additional 65 car parking spaces on the Randwick Hospitals campus.	Not triggered		NT
<u>Bicycle Parking and End-of-trip Facilities</u>	-	-		-	
D19.		Prior to occupation, compliance with the following requirements for secure bicycle parking and end-of-trip facilities must be submitted to the satisfaction of the Certifier:	Not triggered		NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	a)	the provision of at least 20 visitor bicycle parking spaces at ground level in close proximity to the building entrances;	Not triggered		NT
	b)	the delivery of at least 200 staff bicycle parking spaces on the Hospital campus, within 200 metres walking distance of the proposed building, and available to all staff in the building;	Not triggered		NT
	c)	the layout, design and security of bicycle facilities must comply with the minimum requirements of the latest version of AS 2890.3:2015 <i>Parking facilities - Bicycle parking</i> ;	Not triggered		NT
	d)	a minimum of 50 per cent bicycle parking must also be designed to be able to accommodate some larger heavier electric bikes and cargo bikes;	Not triggered		NT
	e)	the provision of associated end-of-trip facilities for staff, including lockers and showers;	Not triggered		NT
	f)	appropriate pedestrian and cyclist advisory signs are to be provided; and	Not triggered		NT
	g)	all works/regulatory signposting associated with the proposed developments must be at no cost to the relevant roads authority.	Not triggered		NT
D20.		Prior to occupation, the Applicant must demonstrate that the pathway to the bicycle parking facilities required by condition D19 is accessible and safe and ease of access to the facilities is demonstrated in the design. Details of the pathway and all pedestrian and cyclist advisory signs are must be submitted to the satisfaction of the Planning Secretary.	Not triggered		NT
<u>Green Travel Plan</u>	-	-		-	
D21.		Prior to the commencement of operation, the Applicant must prepare an updated campus-wide Green Travel Plan (GTP) to promote the use of active and sustainable transport modes and a copy be provided to the Planning Secretary for information and to TfNSW via <a href="mailto:development.sco@transport.nsw.gov.au">development.sco@transport.nsw.gov.au</a> . The GTP must:	Not triggered		NT
	a)	be prepared by a suitably qualified traffic consultant in consultation with Council and (Sydney Coordination Office) Transport for NSW;	Not triggered		NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	b)	set out key objectives including measurable targets for sustainable transport mode shares for public and active transport use for staff and visitors, including:	Not triggered		NT
		(i) ensuring any existing objectives and targets for the campus-wide GTP arising from the approval for the Integrated Acute Service Building will still be met; and	Not triggered		NT
		(ii) in addition, achieve a driver mode share of no more than 42.7 per cent by 2031;	Not triggered		NT
	c)	consider site specific issues of travel to hospital facilities for children;	Not triggered		NT
	d)	include updated bus network arrangements;	Not triggered		NT
	e)	include a communication strategy and Travel Access Guide;	Not triggered		NT
	f)	include details of cycling permeability and casual bike parking locations within the hospital campus, including the new developments;	Not triggered		NT
	g)	include specific tools and actions to help achieve the objectives and mode share targets;	Not triggered		NT
	h)	include measures to promote and support the implementation of the plan, including financial and human resource requirements, roles and responsibilities for relevant employees involved in the implementation of the GTP; and	Not triggered		NT
	i)	include details regarding the methodology and monitoring/review program to measure the effectiveness of the objectives and mode share targets of the GTP/, including the frequency of monitoring and the requirement for travel surveys to identify travel behaviours of users of the development.	Not triggered		NT
D22.		Prior to the commencement of operation, the nominated employee(s) of the health services facility responsible for implementing the GTP and its ongoing review must be provided to Transport for NSW and the Planning Secretary for information	Not triggered		NT
<u>Aboriginal Heritage Interpretation Plan</u>	-	-		-	
D23.		The Applicant must submit an Aboriginal Heritage Interpretation Plan based on the above consultation to the satisfaction of the Planning Secretary. The plan must:	Not triggered	-	NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



	a)	be prepared by a suitably qualified and experienced expert in consultation with the Aboriginal Community;	Not triggered	-	NT
	b)	include provision for naming elements, artwork, landscaping and other measures within the development that acknowledges the site's heritage; and	Not triggered	-	NT
	c)	incorporates interpretive information on the site	Not triggered	-	NT
<u>Amalgamation, Easement and Public Access</u>	-	-		-	
D24.		Prior to occupation, the site must be amalgamated into a single allotment.	Not triggered		NT
<u>Utilities and Services</u>	-	-		-	
D25.		Prior to commencement of operation, the Applicant must obtain a Compliance Certificate for water and sewerage infrastructure servicing of the site under section 73 of the <i>Sydney Water Act 1994</i> . Roadworks and Access	Not triggered		NT
<u>Stormwater Operation and Maintenance Plan</u>	-	-		-	
D26.		Prior to the commencement of operation, an Operation and Maintenance Plan (OMP) is to be submitted to the satisfaction of the Certifier. The OMP must ensure the proposed stormwater quality measures remain effective and contain the following:	Not triggered		NT
	a)	maintenance schedule of all stormwater quality treatment devices;	Not triggered		NT
	b)	record and reporting details;	Not triggered		NT
	c)	relevant contact information; and	Not triggered		NT
	d)	Work Health and Safety requirements.	Not triggered		NT
<u>Signage</u>	-	-		-	
D27.		Prior to the commencement of operation, way-finding signage must be installed.	Not triggered		NT
D28.		Prior to the commencement of operation, bicycle way-finding signage must be installed within the site to direct cyclists from footpaths to designated bicycle parking areas.	Not triggered		NT



## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



D29.		Details of the final building identification signage (design, content and illumination) within the approved signage zones are to be submitted to the satisfaction of the Planning Secretary prior to the installation and display of any signage. The signage is to be installed prior to commencement of operation.	Not triggered		NT
<u>Operational Waste Management Plan</u>	-	-		-	
D30.		Prior to the commencement of operation, the Applicant must prepare a Waste Management Plan for the development and submit it to the Certifier. The Waste Management Plan must:	Not triggered		NT
	a)	detail the type and quantity of waste to be generated during operation of the development;	Not triggered		NT
	b)	describe the handling, storage and disposal of all waste streams generated on site, consistent with the <i>Protection of the Environment Operations Act 1997</i> , <i>Protection of the Environment Operations (Waste) Regulation 2014</i> and the <i>Waste Classification Guideline</i> (Department of Environment, Climate Change and Water, 2009);	Not triggered		NT
	c)	detail the materials to be reused or recycled, either on or off site;	Not triggered		NT
	d)	incorporate measures to reduce food waste generation (including composting or similar arrangements or innovative food waste collection); and	Not triggered		NT
	e)	include the Management and Mitigation Measures included in the EIS Appendix V.	Not triggered		NT
<u>Site Audit Statement</u>	-	-		-	-
D31.		Prior to the commencement of operation, the Applicant must submit a Section A1 Site Audit Statement or a Section A2 Site Audit Statement accompanied by an Environmental Management Plan prepared by a NSW EPA accredited Site Auditor. The Section A1 or A2 Site Audit Statement must verify the relevant part of the site is suitable for the intended land use and be provided, along with any Environmental Management Plan to the Planning Secretary and the Certifier.	Not triggered		NT
<u>Landscaping</u>	-	-		-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



D32.		Prior to the commencement of operation, landscaping of the site must be completed in accordance with landscape plan(s) approved under condition B31.	Not triggered		NT
D33.		Prior to the commencement of operation, the Applicant must prepare a Landscape Management Plan to manage the revegetation and landscaping on-site, to the satisfaction of the Certifier. The plan must describe the ongoing monitoring and maintenance measures to manage revegetation and landscaping.	Not triggered		NT
<u>Operational Flood Emergency Management Plan</u>	-	-		-	
D34.		Prior the commencement of the operation, a Flood Emergency Management Plan must be submitted to the	Not triggered		NT
	a)	is be prepared by a suitably qualified and experienced person(s);	Not triggered		NT
	b)	addresses the provisions of the <i>Floodplain Risk Management Guidelines</i> (EESG);	Not triggered		NT
	c)	includes details of:	Not triggered		NT
		(i) the flood emergency responses for operational phase of the development;	Not triggered		NT
		(ii) predicted flood levels;	Not triggered		NT
		(iii) flood warning time and flood notification;	Not triggered		NT
		(iv) assembly points and evacuation routes;	Not triggered		NT
		(v) evacuation and refuge protocols; and	Not triggered		NT
	d)	awareness training for employees and contractors, and visitors.	Not triggered		NT
<u>Flood Protection</u>	-	-		-	
D35.		Prior the commencement of operation, the Applicant must demonstrate to the satisfaction of the Certifier that all relevant flood protection measures, including the flood barriers and measures set out in the Flood Modelling Assessment report prepared by Meinhardt Bonacci dated August 2021, are in place and the development is protected from potential flooding impacts.	Not triggered		NT
<u>Access</u>	-	-		-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



D36.		Prior to the commencement of operation, the Applicant must demonstrate to the satisfaction of the Certifier that safe vehicular access is available to the site in accordance with all recommendations and findings of the Road Safety Audit required by condition B36, including any necessary measures identified on the adjoining sites.	Not triggered		NT
<u>Reflectivity Report</u>	-	-		-	
D37.		Prior to the commencement of operation, the Applicant must demonstrate that lights, signs and reflective materials, whether permanent or temporary, which are (or from which reflected light might be) visible from the rail corridor were installed limiting glare and reflectivity to the satisfaction of TfNSW, Altrac and the Sydney Light Rail Operator.	Not triggered		NT
<u>Operation of Plant and Equipment</u>	-	-		-	
E1.		All plant and equipment used on site must be maintained in a proper and efficient condition operated in a proper and efficient manner.	Not triggered		NT
<u>Warm Water Systems and Cooling Systems</u>	-	-		-	-
E2.		The operation and maintenance of warm water systems and water cooling systems (as defined under the Public Health Act 2010) must comply with the Public Health Act 2010, Public Health Regulation 2012 and Part 2 (or Part 3 if a Performance-based water cooling system) of AS/NZS 3666.2:2011 Air handling and water systems of buildings – Microbial control – Operation and maintenance and the NSW Health Code of Practice for the Control of Legionnaires' Disease.	Not triggered		NT
<u>Heritage Interpretation Plan</u>	-	-		-	
E3.		The operator must implement the most recent version of the Aboriginal Heritage Interpretation Plan approved under condition D22.	Not triggered		NT
<u>Operational Noise Limits</u>	-	-		-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



E4.		The operator must ensure that noise generated by operation of the development does not exceed the noise limits in Acoustic Assessment Report prepared Pulse Acoustic Consultancy and dated 20 April 2021.	Not triggered		NT
E5.		The operator must undertake short term noise monitoring in accordance with the <i>Noise Policy for Industry</i> where valid data is collected following the commencement of use of each stage of the development. The monitoring program must be carried out by an appropriately qualified person and a monitoring report must be submitted to the Planning Secretary within two months of commencement use of each stage of the development to verify that operational noise levels do not exceed the recommended noise levels for mechanical plant identified Acoustic Assessment Report prepared by Pulse Acoustic Consultancy and dated 20 April 2021. Should the noise monitoring program identify any exceedance of the recommended noise levels referred to above, the operator is required to implement appropriate noise attenuation measures so that operational noise levels do not exceed the recommended noise levels or provide attenuation measures at the affected noise sensitive receivers.	Not triggered		NT
<u>Unobstructed Driveways and Parking Areas</u>	-	-		-	
E6.		All driveways, footways and parking areas must be unobstructed at all times. Driveways, footways and car spaces must not be used for the manufacture, storage or display of goods, materials, refuse, skips or any other equipment and must be used solely for vehicular and/or pedestrian access and for the parking of vehicles associated with the use of the premises.	Not triggered		NT
<u>Bicycle Parking and End-of-Trip Facilities</u>	-	-		-	

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



E7.		The operator must ensure that all staff are able to access the bicycle parking facilities required by condition D19. The Planning Secretary must be notified of, and provided with details, of any changes to access arrangements, which must be implemented as soon as reasonably practicable.	Not triggered		NT
<u>Green Travel Plan</u>	-	-		-	
E8.		The Green Travel Plan required by condition D21 of this consent must be updated annually and implemented unless otherwise agreed by the Planning Secretary.	Not triggered		NT
E9.		A copy of the annual review of the Green Travel Plan required by condition D21 of this consent must be submitted to the Planning Secretary until otherwise agreed by the Planning Secretary.	Not triggered		NT
E10.		Any changes to the nominated employee(s) responsible for implementing the GTP must be provided to Transport for NSW and the Planning Secretary prior to the annual review of the GTP.	Not triggered		NT
<u>Ecologically Sustainable Development</u>	-	-		-	
E11.		Unless otherwise agreed by the Planning Secretary, within six months of commencement of operation the Certifier and Planning Secretary are to be provided with a report from the operator by a suitably qualified and experienced expert demonstrating that the project attains the minimum number of ESD points as required by condition B12 of this consent.	Not triggered		NT
<u>Outdoor Lighting</u>	-	-		-	
E12.		Notwithstanding condition D6, should outdoor lighting result in any residual impacts on the amenity of surrounding sensitive receivers, the operator must provide mitigation measures in consultation with affected landowners to reduce the impacts to an acceptable level.	Not triggered		NT
<u>Landscaping</u>	-	-		-	
E13.		The operator must maintain the landscaping and vegetation on the site in accordance with the approved Landscape Management Plan required by condition D32 for the duration of occupation of the development.	Not triggered		NT

## Independent Audit 2

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



Dangerous Goods	-	-		-	
E14.		Dangerous goods, as defined by the Australian Dangerous Goods Code, must be stored and handled strictly in accordance with all relevant Australian Standards.	Not triggered		NT

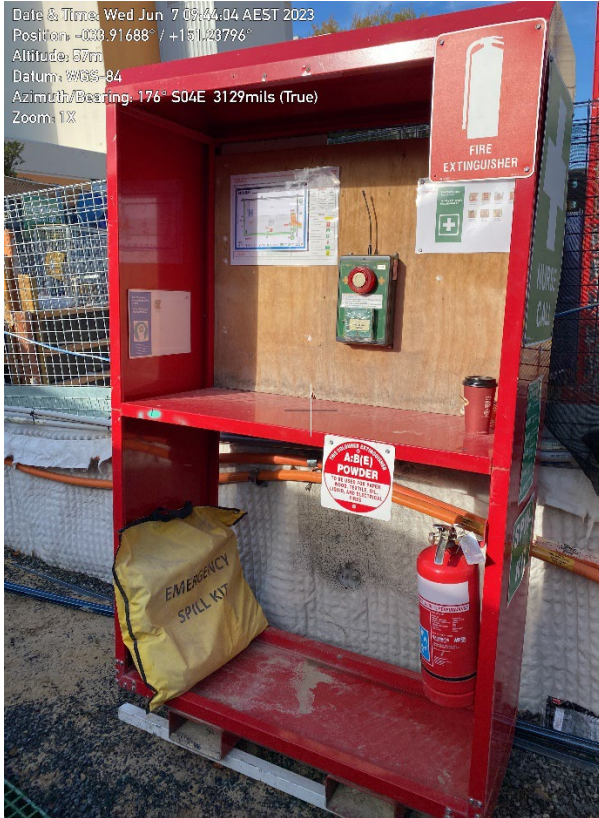
**Independent Audit 2**

*Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre*



## **Appendix C Site photos**





Nurse station



Covered drain surrounded by a coir log along Hospital Road, adjacent to the hoarding.



Hoarding along High Street.



Site signage erected at the construction personnel access point from High Street.



Construction area – turntable construction for heavy vehicle turnaround. Nurse call stations and waste receptacles. BINGO waste skip for building waste.



Clean water diversion adjacent to hoarding at Hospital Road. Narrow driveway into JHG site. Coir log bunding along driveway to minimise dirty water moving offsite from the driveway.



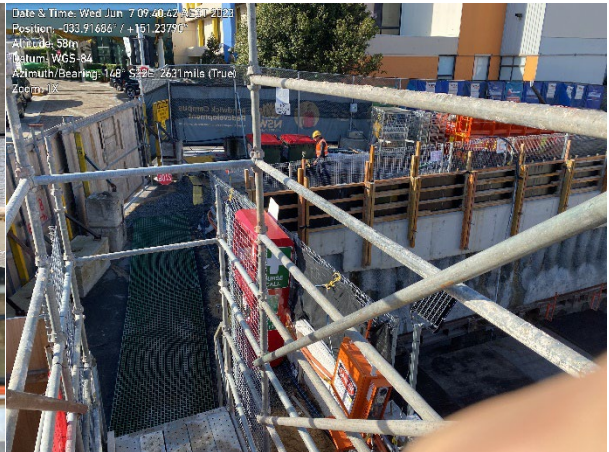
Tower cranes.



Sealed construction area. Waste receptacles around work site. Plant with identifiers e.g., GRC139 Komatsu plant.



Flood wall.



Walkway to Hospital Road. Nurse Call station with spill kit and fire safety. Waste receptacles in background.

## **Appendix D Audit consultation**

**From:** [Nicola Smith](#)  
**To:** [DPE PSVC Compliance Mailbox](#)  
**Cc:** [Natascha Arens](#)  
**Bcc:** [522bdd7f-0f1a-4ac3-af6c-cf2ec28fd25d.metaPublish@thehub.nghenvironmental.com.au](mailto:522bdd7f-0f1a-4ac3-af6c-cf2ec28fd25d.metaPublish@thehub.nghenvironmental.com.au)  
**Subject:** Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre Independent audit - SSD-10831778  
**Date:** Thursday, 1 June 2023 1:23:53 PM  
**Attachments:** [image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)  
[522bdd7f-0f1a-4ac3-af6c-cf2ec28fd25d.png](#)

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Hello,

I am the approved independent support auditor for the above project (SSD-10831778). The scope of this audit will broadly include:

- Conditions of consent applicable to the construction phase of the project
- All post approval documents required by the conditions of consent (e.g. implementation of Environmental management plans and sub plans)
- All environmental licences and approvals applicable to the development
- An assessment of the environmental performance of the development
- A high-level review of the project's EMPs

As required by the Independent Audit Post Approvals Requirements (2020), I am consulting with relevant stakeholders. Are there any other matters that the Department would like addressed as part of this second compliance audit?

Best regards,  
Nicola

**Nicola Smith**  
Technical Lead & Regional Manager

m: 0410 411 660 p: 02 6923 1537  
e. [nicola.s@nghconsulting.com.au](mailto:nicola.s@nghconsulting.com.au)  
a. 35 Kincaid Street, Wagga Wagga, NSW 2650  
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**From:** [Nicola Smith](#)  
**To:** [Liam.Stanley@randwick.nsw.gov.au](mailto:Liam.Stanley@randwick.nsw.gov.au)  
**Cc:** [Natascha Arens](#)  
**Bcc:** [80956b01-caa1-41b9-a40c-44568fd5954b.metaPublish@thehub.nghenvironmental.com.au](mailto:80956b01-caa1-41b9-a40c-44568fd5954b.metaPublish@thehub.nghenvironmental.com.au)  
**Subject:** Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre Independent audit  
**Date:** Thursday, 1 June 2023 1:20:48 PM  
**Attachments:** [image005.png](#)  
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[80956b01-caa1-41b9-a40c-44568fd5954b.png](mailto:80956b01-caa1-41b9-a40c-44568fd5954b.png)

---

Hi Liam,

I am the Department of Planning and Environments approved support Independent Auditor as required under SSD-10831778 condition of consent C36. The audit team consists of myself and Natascha Arens (approved Lead Independent Auditor). We are currently in the process of undertaking the second audit of the project as required by condition C38. As part of this process, I am seeking input from relevant agencies. I have noted that there has been consultation with Council by the construction contractor JHG, and HI during the preparation of the EIS and planning stages as well as in the lead up to construction and at construction commencement.

The audit scope and associated report includes:

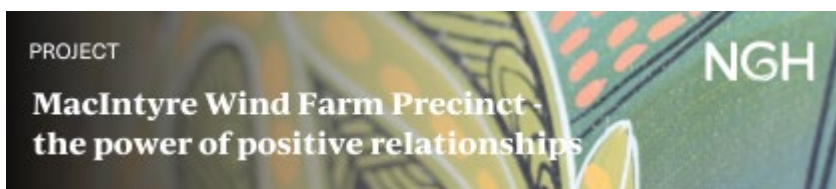
- a review of all relevant conditions and an assessment of compliance with each condition
- a summary of the findings undertaken during the assessment of all conditions
- assessment of the environmental performance of the development, and its effects on the surrounding environment including the community
- a review the adequacy of any management plans and other documents required under the consent
- recommendations to improve the environmental performance of the development, and improvements to any document required under this consent.

Is there any aspect of the project that Council would like us to focus on?

Best regards,  
Nicola

**Nicola Smith**  
Technical Lead & Regional Manager

m: 0410 411 660 p: 02 6923 1537  
e. [nicola.s@nghconsulting.com.au](mailto:nicola.s@nghconsulting.com.au)  
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*NGH acknowledges that we work on the traditional lands of First Nations people across Australia and recognises the enduring connection to the land. We pay our respects to elders, past present and emerging.*

**From:** [Bilal Zreika](#)  
**To:** [Nicola Smith](#)  
**Cc:** [Natascha Arens](#)  
**Subject:** RE: Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre Independent audit  
**Date:** Monday, 12 June 2023 9:55:52 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)

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Hi Nicola,

From our perspective, our interactions with John Holland on the project have been fine. They have satisfied all out their listed consent conditions prior to construction.

I am happy to meet further if you require.

Regards

**Bilal Zreika**

A/Senior Manager Light Rail Operations  
Public Transport Contracts and Partnerships  
Greater Sydney  
**Transport for NSW**

M 0409 078 387 E [bilal.m.zreika@transport.nsw.gov.au](mailto:bilal.m.zreika@transport.nsw.gov.au)

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Level 7, 231 Elizabeth St  
Sydney NSW 2000



**Transport  
for NSW**



I acknowledge the Aboriginal people of the country on which I work, their traditions, culture and a shared history and identity. I also pay my respects to Elders past and present and recognise the continued connection to country.

Please consider the environment before printing this email.

---

OFFICIAL

**From:** Nicola Smith <[nicola.s@nghconsulting.com.au](mailto:nicola.s@nghconsulting.com.au)>



**Sent:** Thursday, 1 June 2023 1:22 PM

**To:** Bilal Zreika <bilal.m.zreika@transport.nsw.gov.au>

**Cc:** Natascha Arens <natascha.a@nghconsulting.com.au>

**Subject:** RE: Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre Independent audit

**CAUTION:** This email is sent from an external source. Do not click any links or open attachments unless you recognise the sender and know the content is safe.

Hi Bilal,

I am the Department of Planning and Environments approved support Independent Auditor as required under SSD-10831778 condition of consent C36. The audit team consists of myself and Natascha Arens (approved Lead Independent Auditor). We are currently in the process of undertaking the second audit of the project as required by condition C38. As part of this process, I am seeking input from relevant agencies. I have noted that there has been consultation with TfNSW during the preparation of the EIS and planning stages as well as in the lead up to construction and at construction commencement.

The audit scope and associated report includes:

- a review of all relevant conditions and an assessment of compliance with each condition
- a summary of the findings undertaken during the assessment of all conditions
- assessment of the environmental performance of the development, and its effects on the surrounding environment including the community
- a review the adequacy of any management plans and other documents required under the consent
- recommendations to improve the environmental performance of the development, and improvements to any document required under this consent.

Is there any aspect of the project that Council would like us to focus on?

Best regards,  
Nicola

**Nicola Smith**

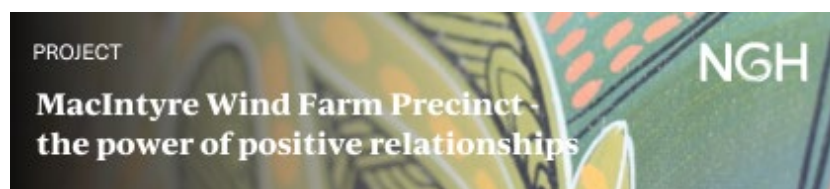
Technical Lead & Regional Manager

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# **Appendix E Statement of Independence**



Ms Claire Muir  
1 Reserve Road  
ST LEONARDS NSW 2065

24/08/2022

Dear Ms Muir

**Sydney Children's Hospital Stage 1 and Children's Comprehensive Cancer Centre  
(SSD-10831778)  
Appointment of Independent Environmental Auditor Team**

I refer to your request (**SSD-10831778-PA-2**) for the Planning Secretary's endorsement of a suitably qualified, experienced and independent audit team to conduct independent environmental audits of the Sydney Children's Hospital (SCH) Stage 1 and Children's Comprehensive Cancer Centre (CCCC) development. Under Condition C40 of the SCH Stage 1 and CCCC consent (**SSD-10831778**) independent environmental audits are to be carried out in accordance with the *Independent Audit Post Approval Requirements* (DPIE, 2020) (**IA PAR**).

The Department of Planning and Environment (**Department**) has reviewed the nominations and information you have provided against Condition C36 and the IA PAR, specifically section 3.1

The Department is satisfied that Ms Natascha Arens is certified Exemplar Global as a lead auditor in environmental management systems, and that all nominated persons are suitably experienced and qualified in state significant projects and have supplied declarations of independence.

Consequently, in accordance with C36 of SSD-10831778 I can advise that the Planning Secretary endorses the following persons as the audit team in the following roles:

- Ms Natascha Arens, NGH, as Lead Auditor
- Ms Nicola Smith, NGH, as Audit Assistant
- Mr Will Weir, NGH, as Audit Assistant

Notwithstanding the endorsement of the above listed audit team, each respective project approval or consent requires a request for the agreement to the auditor or audit team be submitted to the Department, for consideration of the Planning Secretary. Each request is reviewed and depending on the complexity of future projects, the suitability of a proposed auditor or audit team will be considered.

The Department reserves the right to request an alternate auditor or experts for any future independent environmental audits under SSD-10831778.

The independent environmental audit must satisfy Condition C40 of SSD-10831778 and be conducted in accordance with the IA PAR. Failure to do so may require revision and resubmission of the audit report.

Please ensure this correspondence is appended to the audit report.

If you wish to discuss the matter further, please contact Ania Dorocinska, Senior Compliance Officer on 02 9274 6225 or via [ania.dorocinska@planning.nsw.gov.au](mailto:ania.dorocinska@planning.nsw.gov.au).

Yours sincerely

A handwritten signature in black ink, appearing to read 'R. Sherry'. The signature is stylized with a large, circular flourish at the end.

Rob Sherry  
Team Leader Compliance - Government Projects  
Compliance

As nominee of the Planning Secretary

## NGH Pty Ltd

NSW • ACT • QLD • VIC

ABN 31 124 444 622 ACN 124 444 622

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