

**RICHARD CROOKES**  
CONSTRUCTIONS

**SYDNEY BIOMEDICAL ACCELERATOR  
1330**

# **STAGING PLAN**

**12 December 2025**

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**DOCUMENT CONTROL**

Prepared	Juan Pablo Castaner	12/12/2025
Reviewed	Michael Bradburn, Roger Ornek	12/12/2025
Approved	Annelise Cannon	12/12/2025

**REVISION REGISTER**

REVISION NO.	DATE	REVISION DESCRIPTION	REMARKS
R.00	5/2/2025	DRAFT	For Review
R.01	3/4/2025	Principal & PCA Submission	For Approval
R.02	15/4/2025	Planning Secretary Submission	For Approval
R.03	26/5/2025	Resubmission Addressing Department of Planning and UI Comments	For Approval
R.04	8/7/2025	Resubmission Addressing Department of Planning Comments	For Approval
R.05	24/7/2025	Minor Amendments to Appendix A	For Approval
R.06	12/12/2025	Split of CC3 in two stages	For Approval

\*\*\* Note all updates from the approved R.05 revision have been highlighted in RED

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# 1 INTRODUCTION

## 1.1 BACKGROUND

The Sydney Biomedical Accelerator (SBA) is a visionary partnership between the University of Sydney (USYD), Sydney Local Health District (SLHD) and the NSW Government (NSW Health) bringing together clinicians, researchers, academics and industry to solve the most complex health problems of today, tomorrow and the future.

The SBA is a co-funded partnership, comprising a state-of-the-art biomedical research complex straddling the SLHD's Royal Prince Alfred Hospital (RPAH) campus and University of Sydney campus.

Located within the Tech Central precinct, the SBA will be positioned to dynamically collaborate with industry and start-ups as part of a world leading hospital, university and tech innovation ecosystem.

Excellence in biomedical science – and health and medicine more generally – is fundamental to the reputation of the University as a leading global comprehensive university, and RPAH as Australia's highest ranked tertiary / quaternary provider of specialist health services.

The SBA will capitalise on the existing strengths of these internationally recognised institutions and their brightest minds (including leading clinicians, academics, scientists, researchers and students), providing a unique opportunity to attract existing and new industry collaborations and embedding commercialisation within the Camperdown research ecosystem.

The development of the SBA is underpinned by a set of ambitious objectives that aim to change the way biomedical research and healthcare is delivered in NSW and beyond. These objectives include:

- Delivering improved health outcomes, faster, through enhanced and accelerated translation
- of cutting edge basic biomedical research.
- Harnessing data and innovation in medical research.
- Capitalising on the Camperdown-RPAH Precinct's world-leading position.
- Strengthening commercialisation and innovation opportunities with industry.
- Scaling a world class biomedical research Precinct.
- Delivering on NSW Health priorities considering proximity to RPAH and opportunities for
- future connections between RPAH and the Health Precinct; and
- Create an environment that makes people feel empowered, important, and excited to be in.

## 1.2 STATUTORY CONTEXT

The Project is classified as State Significant Development (SSD).

An application for consent was lodged with the Department of Planning and Environment (the Department) in October 2023 along with an accompanying Environmental Impact Statement prepared by Urbis. Consent was granted on 19 November 2024 under Section 4.38 of the Environmental Planning and Assessment Act 1979 (EP&A Act), SSD-55388456, subject to a set of Conditions of Consent.

This Staging Report should be read in conjunction with the approved SSD-55388456 conditions of consent.

## 2 PURPOSE OF THE STAGING REPORT

SSDA condition A13 states that the Project may be constructed and operated in stages, subject to the preparation of a Staging Report (for either or both construction and operation as the case may be), to be submitted to the satisfaction of the Planning Secretary.

This Staging Report has been prepared to demonstrate the staged construction of the Project. Table 1 sets out how this report has addressed the conditions relating to staging:

REFERENCE	CONDITION	REFERENCE
A13	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 Planning Secretary for approval. 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).	Staging Report, Section 3
A14	<p>A Staging Report prepared in accordance with condition A13 must:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(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);</li> <li>(c) specify how compliance with conditions will be achieved across and between each of the stages of the project;</li> <li>(d) specify how compliance with independent auditing requirements will be achieved across and between each of the operational stages of the project; and</li> <li>(e) set out mechanisms for managing any cumulative impacts arising from the proposed staging.</li> </ul>	<p>Staging Report, Section 3.1</p> <p>Staging Report, Section 3.2</p> <p>Appendix A – Staging Matrix</p> <p>Staging Report, Section 4.4</p> <p>Staging Report, Section 4.5</p>
A15	Where a Staging Report is required, the project must be staged in accordance with the Staging Report, as approved by the Planning Secretary.	Staging Report, Section 4
A16	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, including independent auditing requirements.	Staging Report, Section 4.1, Section 4.4 and CEMP

**Table 1 – Conditions Compliance Reference**

# 3 STAGING

This section details the Project’s proposed approach to staging of construction, in accordance with the SSDA conditions detailed in Schedule 2 of this report.

Note no staging of operation is being proposed.

## 3.1 CONSTRUCTION STAGING

The construction works considered under this application will be delivered in six (6) separate stages, as detailed in the table below. All staging has been named to correspond with the intended split of Crown Works Verification Certificates [CWVC], however this may need to be staged further or adjusted should design or construction progress limit the ability for a CWVC to be issued for the full scope of a stage. The Project lifetime is projected to be approximately over 3 years.

STAGE	SCOPE	FORECAST PROGRAM <sup>1</sup>
<b>Crown Works Verification Certificate no. 1:</b> (Construction Stage 1 of 7)	Civil Works: <ul style="list-style-type: none"> <li>Stormwater Diversion</li> <li>Bulk Earthworks</li> <li>Shoring</li> </ul>	<ul style="list-style-type: none"> <li>Commencing: June 2025</li> <li>Stage completion: Nov. 2025</li> </ul>
<b>Crown Works Verification Certificate no. 1 A:</b> (Construction Stage 2 of 7)	Structure Works: <ul style="list-style-type: none"> <li>Piling</li> <li>Foundations</li> </ul>	<ul style="list-style-type: none"> <li>Commencing: July 2025</li> <li>Stage completion: March 2026</li> </ul>
<b>Crown Works Verification Certificate no. 2:</b> (Construction Stage 3 of 7)	Structure Works: <ul style="list-style-type: none"> <li>Substructure</li> <li>Inground Services</li> <li>Service risers</li> </ul>	<ul style="list-style-type: none"> <li>Commencing: September 2025</li> <li>Stage completion: July 2026</li> </ul>
<b>Crown Works Verification Certificate no. 3 A:</b> (Construction Stage 4 of 7)	Structure Works: <ul style="list-style-type: none"> <li>Superstructure (Levels 2 to 5)</li> <li>Masonry</li> </ul>	<ul style="list-style-type: none"> <li>Commencing: February 2026</li> <li>Stage completion: Sept. 2026</li> </ul>
<b>Crown Works Verification Certificate no. 3 B:</b> (Construction Stage 5 of 7)	Structure Works & Facade: <ul style="list-style-type: none"> <li>Superstructure (Remainder)</li> <li>Building Envelope</li> <li>Services (horizontal)</li> </ul>	<ul style="list-style-type: none"> <li>Commencing: April 2026</li> <li>Stage completion: June 2027</li> </ul>

STAGE	SCOPE	FORECAST PROGRAM <sup>1</sup>
<b>Crown Works Verification Certificate no. 4:</b> (Construction Stage 6 of 7)	Internal Works: <ul style="list-style-type: none"> <li>• Fitout</li> <li>• Services (detail)</li> </ul>	<ul style="list-style-type: none"> <li>• Commencing: May 2026</li> <li>• Stage completion: March 2028</li> </ul>
<b>Crown Works Verification Certificate no. 5:</b> (Construction Stage 7 of 7)	External works & Landscape Commissioning	<ul style="list-style-type: none"> <li>• Commencing: June 2026</li> <li>• Stage completion: May 2028</li> </ul>
<b>Occupation Certificate</b> (Single Occupation Stage)	All Works Complete	<ul style="list-style-type: none"> <li>• Constr. Completion: June 2028</li> <li>• Occupation Start: June 2028</li> </ul>

<sup>1</sup> Dates noted above are indicative and may be impacted by changes to construction completion due to weather and obtaining necessary approvals. Each stage will not commence operations until the requisite approvals have been obtained.

**Table 2 - Construction Staging**

Refer to the Construction Environmental Management Plan (CEMP) for further details on management of construction stages on site; noting the CEMP will be updated as required to address any site condition changes. Any updates will be issued to the Department of Planning.

Should further sub-staging of construction works be necessary, this staging report is to be updated and re-issued to the Certifier and the Planning Secretary for their review and endorsement in accordance with the requirements of the Conditions of Consent.

## 3.2 OPERATIONS

Staging relating to operation is not being proposed. All SSDA requirements to be complied with prior to and during operations will be complied with in full as stated by the conditions, unless otherwise approved on a subsequent submission of this Staging Report.

Should staged operation be proposed in the future, then this Staging Report will be updated and resubmitted to the Planning Secretary no later than one month prior to the commencement of operation of the first of the proposed stage of operation as per condition A13.

# 4 MANAGING COMPLIANCE & POTENTIAL IMPACTS

## 4.1 APPROACH

Management of environmental issues and compliance with the conditions of consent relating to construction will be achieved through the development and implementation of project management plans, periodic reviews and independent auditing.

No aspect of the staged approach to construction will affect the ability of the project to comply with the conditions of consent. All triggered conditions of consent will be complied with at each applicable construction stage.

Once this Staging Report is approved, construction works will be staged in accordance with this report; noting the staging plan and other management plans detailed below may be revisited and updated to reflect any changes and further detailing in methodology and execution.

## 4.2 MANAGEMENT PLANS

A number of management plans are required by the project conditions of consent and are to be developed in accordance with the relevant conditions of consent requirements, standards and guidelines, and best practice.

The project management plans outline the requirements of the project and ensure compliance with the conditions of consent and manage potential environmental and community impacts that may arise from the carrying out of the development.

The key management plans applicable to construction stages include (but are not limited to):

- **Construction Environmental Management Plan** (condition of consent B19) and sub-plans:
- **Construction Traffic and Pedestrian Management Sub-Plan** (condition of consent B20)
- **Construction Noise and Vibration Management Sub-Plan** (condition of consent B21)
- **Construction Waste and Management Sub-Plan** (condition of consent B22)
- **Construction Flood Emergency Management Sub-Plan** (condition of consent B23)
- **Driver Code of Conduct Sub-Plan** (condition of consent B24).

These plans will be prepared ahead of commencement of construction works. Updates to the documents may also occur where opportunities for improvement have been identified to ensure ongoing compliance is achieved and impacts are appropriately managed.

Management of environmental issues and compliance with the Project's Conditions of Consent will be achieved through implementation of these management plans.

The key management plans applicable to operations include (but are not limited to):

- **Stormwater Operation and Maintenance Plan** (Condition of Consent D25)
- **Operational Waste Management Plan** (Condition of Consent D27)
- **Landscape Management Plan** (Condition of Consent D30)
- **Loading Dock Management Plan** (Condition of Consent D31)
- **Operational Flood Emergency Management Plan** (Condition of Consent D32).
- **Green Travel Plan** (Condition of Consent D33)

To note, operations have not been staged under this revision of the Staging Report.

### 4.3 TRAINING AND PERIODIC REVIEW

Regular training is critical in ensuring the Project workforce understands and is committed to achieve compliance with the consent. In accordance with condition A27, the Project team will ensure that all employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of consent relevant to activities they carry out in respect of the Project.

Further, periodic review of Project documentation is key in ensuring that plans, strategies, and programs required under the consent are adequate, fit for purpose and effective. In accordance with conditions A33 and A34, the Project team will review the strategies plans and programs required under the consent within three months of:

- the submission of an incident report under condition A28 and A29;
- the submission of an Independent Audit under condition C41 or C43;
- the approval of any modification of the conditions of this consent; or
- the issue of a direction of the Planning Secretary under condition A3.

Following the review, 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).

### 4.4 AUDITING

Independent Audits provide a valuable tool in ensuring compliance is achieved and opportunities for improvement are realised.

As required by condition of consent C41, Independent Audits will be implemented on the Project in accordance with the Department's Independent Audit Post Approval Requirements. The Independent Audits assess compliance with the conditions of consent, along with the adequacy and implementation of project plans, the handling and reporting of incidents and complaints and the environmental performance of the project. Each Independent audit report shall be submitted to the Planning Secretary within two months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approval Requirements unless otherwise agreed by the Planning Secretary, in accordance with condition C45.

The undertaking of Independent Audits for the project will not be impacted by implementing a staged approach, as proposed in this report.

### 4.5 CUMULATIVE IMPACT

Impacts associated with the delivery and operations of the project are anticipated to be unchanged as a result of the proposed construction staging and remain the same as those assessed by the Department prior to consent.

The project would continue to manage the potential impacts through implementation of the project plans, strategies and protocols identified within the conditions of consent SSD-55388456.

# APPENDIX A – STAGING MATRIX

Appendix A - Staging Matrix

SSD SSD-55388456

No		Description	CONSTRUCTION STAGES										Notes
			CWVC no. 1 - Civil Works: Shoring & Bulk Earthworks (Stage 1 of 1)	CWVC no. 1.A - Structure Works: Piling & Foundations (Stage 2 of 1)	CWVC no. 2 - Structure Works: Substructure, Inground & Service Risers (Stage 3 of 1)	CWVC no. 3 - Structure Works: Superstructure (Levels 2 to 9), Masonry (Stage 4 of 1)	CWVC no. 4 - Structure Works & External Superstructure (Remanage) Building Envelope Services (Horizontal) (Stage 4 of 1)	CWVC no. 4 - Internal Works: Fitout & Services Detail (Stage 5 of 1)	CWVC no. 5 - External Works, Landscape and Commissioning (Stage 6 of 1)	Occupation Certificate (Construction Completion, Commence Occupation)	Post Occupation		
<b>PART A - ADMINISTRATIVE CONDITIONS</b>													
<b>Obligation to Minimise Harm to the Environment</b>													
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.										Note	
<b>Terms of Consent</b>													
A2.		The development may only be carried out: (a) in accordance 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; (d) in accordance with the approved plans in the table below. (Refer to the Planning Approval)	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	OC	N/A		
A3.		Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to:										Note	
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;										Note	
b)		any reports, reviews or audits commissioned by the Planning Secretary regarding compliance with this approval; and										Note	
c)		the implementation of any actions or measures contained in any such document referred to in (a) above.										Note	
A4.		The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.										Note	
<b>Limits of Consent</b>													
A5.		This consent lapses five years after the date of consent unless work is physically commenced.										Note	
<b>Design Excellence and Integrity</b>													
A6.		Any future 4.55(2) modification applications must be accompanied by a Design Integrity Report which details that the proposed changes have been reviewed and endorsed by the Design Integrity Panel (DIP). The Design Integrity Report must include a summary of feedback provided by the DIP and responses by the Applicant to this advice.										Note	
A7.		Any future 4.55(1A) modification applications must be accompanied by a Design Integrity Report.										Note	
A8.		The design architect Denton Corker Marshall must have direct ongoing involvement in the design documentation and construction stages of the project.										Note	
A9.		The design architect must not be changed without the approval of the Planning Secretary.										Note	
<b>Prescribed Conditions</b>													
A10.		The Applicant must comply with all relevant conditions of development consent under Part 4, Division 2 of the EP&A Regulation.										Note	
<b>Planning Secretary as Moderator</b>													
A11.		In the event of a dispute between the Applicant and a public authority, in relation to an applicable requirement in this approval which must be prepared and submitted to the Planning Secretary for approval, either party may refer the matter to the Planning Secretary for resolution.										Note	
<b>Evidence of Consultation</b>													
A12.		Where conditions of this consent require consultation with an identified party, the Applicant must:										Note	
a)		consult with the relevant party prior to submitting the subject document for information or approval; and										Note	
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.										Note	
<b>Staging</b>													
A13.		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 Planning Secretary for approval. 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).	Stage 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Planning Secretary Approval	
A14.		A Staging Report prepared in accordance with condition A13 must: (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; (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); (c) specify how compliance with conditions will be achieved across and between each of the stages of the project; (d) specify how compliance with independent auditing requirements will be achieved across and between each of the operational stages of the project; and (e) set out mechanisms for managing any cumulative impacts arising from the proposed staging.										Note	
A15.		Where a Staging Report is required, the project must be staged in accordance with the Staging Report, as approved by the Planning Secretary.										Note	
A16.		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, including independent auditing requirements.										Note	
<b>Staging, Combining and Updating Strategies, Plans or Programs</b>													
A17.		The Applicant may: (a) prepare and submit any strategy, plan (including management 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) or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan (including management plan) or program); (b) combine any strategy, plan (including management plan), or program required by this consent (if a clear relationship is demonstrated between the strategies, plans (including management plan) or programs that are proposed to be combined); and (c) update any strategy, plan (including management plan), or program required by this consent (to ensure the strategies, plans (including management 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).										Note	
A18.		Any strategy, plan or program prepared in accordance with condition A17, where previously approved by the Planning Secretary under this consent, must be submitted to the satisfaction of the Planning Secretary.										Note	
A19.		If the Planning Secretary agrees, a strategy, plan (including management 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.										Note	
A20.		Updated strategies, plans (including management 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.										Note	
<b>Structural Adequacy</b>													
A21.		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. Note: Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021 sets out the requirements for the certification of the development.										Note	
<b>External Walls and Cladding</b>													
A22.		The external walls of all buildings including additions to existing buildings must comply with the relevant requirements of the BCA.										Note	
<b>Applicability of Guidelines</b>													
A23.		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.										Note	
A24.		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.										Note	
<b>Monitoring and Environmental Audits</b>													



Appendix A - Staging Matrix

SSD SSD-55388456

		CONSTRUCTION STAGES										
No	Description	CWVC no. 1 - Civil Works: Shoring & Bulk Earthworks (Stage 1 of 1)	CWVC no. 1.A - Structure Works: Piling & Foundations (Stage 2 of 1)	CWVC no. 2 - Structure Works: Substructure, Inground & Service Risers (Stage 3 of 1)	CWVC no. 3 - Structure Works: Superstructure (Levels 2 to 9), Masonry (Stage 4 of 1)	CWVC no. 4 - Structure Works & External Services (Roofing, Building Envelope, Services (Horizontal)) (Stage 5 of 1)	CWVC no. 4 - Internal Works: Fitout & Services Detail (Stage 6 of 1)	CWVC no. 5 - External Works, Landscape and Commissioning (Stage 7 of 1)	Occupation Certificate (Construction Completion, Commence Occupation)	Post Occupation	Notes	
B12.	Where the offer for a pre-construction survey is accepted (as required by condition B11), the Applicant must arrange for a survey to be undertaken by a suitably qualified and experienced expert prior to the commencement of vibration generating works that could impact on the identified buildings.	Stage 1	N/A	N/A			N/A	N/A	N/A	N/A		
B13.	Prior to the commencement of any vibration generating works that could impact on the buildings surveyed as required by condition B12, the Applicant must: (a) provide a copy of the relevant survey to the owner of each residential building surveyed in the form of a Pre-Construction Survey Report; (b) submit a copy of the Pre-Construction Survey Report to the Certifier; and (c) provide a copy of the Pre-Construction Survey Report to the Planning Secretary within 48 hours when requested.	Stage 1	N/A	N/A			N/A	N/A	N/A	N/A		
<b>Archaeological Investigations</b>												
B14.	Prior to commencement of construction - Hospital Land, the further archaeological investigations fieldwork undertaken on this part of the site must have been completed. Evidence of the outcomes must be provided to Heritage NSW in accordance with S140-5303 permit.	Stage 1	N/A	N/A			N/A	N/A	N/A	N/A		
<b>Ecologically Sustainable Development</b>												
B15.	Prior to the commencement of construction, unless otherwise agreed by the Planning Secretary, the Applicant must demonstrate that ESD is being achieved by either: (a) registering for a minimum 5 star Green Star Buildings rating with the Green Building Council Australia and submit evidence of registration to the Certifier; or (b) seeking approval from the Planning Secretary for an alternative certification process.	Stage 1	N/A	N/A			N/A	N/A	N/A	N/A	Registration with GBCA complete.	
<b>Outdoor Lighting</b>												
B16.	Prior to commencement of lighting installation, evidence must be submitted to the Certifier that all outdoor lighting to be 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.	N/A	N/A	N/A			N/A	Stage 6	Stage 7	N/A	N/A	
<b>Demolition</b>												
B17.	Prior to the commencement of demolition, demolition work plans required by AS 2601-2001 The demolition of structures (Standards Australia, 2001) must be accompanied by a written statement from a suitably qualified person that the proposals contained in the work plan comply with the safety requirements of the Standard. The work plans and the statement of compliance must be submitted to the Certifier.	Stage 1	N/A	N/A			N/A	N/A	N/A	N/A	N/A	
<b>Environmental Management Plan Requirements</b>												
B18.	Management plans required under this consent must be prepared having regard to the relevant guidelines, including but not limited to the Environmental Management Plan Guideline: Guideline for Infrastructure Projects (DPIE April 2020). Notes: • The Environmental Management Plan Guideline is available on the Planning Portal at: <a href="https://www.planningportal.nsw.gov.au/major-projects/assessment/post-approval">https://www.planningportal.nsw.gov.au/major-projects/assessment/post-approval</a> • The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.										Note	
<b>Construction Environmental Management Plan</b>												
B19.	Prior to the commencement of construction, the Applicant must submit a Construction Environmental Management Plan (CEMP) to the Certifier and publish a copy of the CEMP on the Applicant's website in accordance with condition A26 (Access to Information). The CEMP must include, but not be limited to, the following: (a) Details of: (i) hours of work; (ii) 24-hour contact details of site manager; (iii) heritage induction for staff; (iv) management of dust and odour to protect the amenity of the neighbourhood; (v) stormwater control and discharge; (vi) measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the site; (vii) groundwater management plan including measures to prevent groundwater contamination; (viii) external lighting in compliance with AS 4282-2019 Control of the obtrusive effects of outdoor lighting; (ix) community consultation and complaints handling; (b) Construction Traffic and Pedestrian Management Sub-Plan (see condition B20); (c) Construction Noise and Vibration Management Sub-Plan (see condition B21); (d) Construction Waste Management Sub-Plan (see condition B22); (e) Construction Flood Emergency Management Plan (see condition B23);	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A	
B20.	The Construction Traffic and Pedestrian Management Sub-Plan (CTPMSP) must be prepared to achieve the objective of ensuring safety and efficiency of the road network and address, but not be limited to, the following: (a) be prepared by a suitably qualified and experienced person(s); (b) be prepared in consultation with Council and TfNSW; (c) detail: (i) measures to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services; (ii) cumulative impacts from the Royal Prince Alfred Hospital Redevelopment and how they would be managed; (iii) measures to ensure the safety of vehicles and pedestrians accessing adjoining properties where shared vehicle and pedestrian access occurs; (iv) heavy vehicle routes, access and parking arrangements; (v) 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, in accordance with the latest version of AS 2890.2; and (vi) arrangements to ensure that construction vehicles enter and leave the site in a forward direction unless in specific exceptional circumstances under the supervision of accredited traffic controllers(s).	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A	
B21.	The Construction Noise and Vibration Management Sub-Plan must address, but not be limited to, the following: (a) be prepared by a suitably qualified and experienced noise expert; (b) describe procedures for achieving the noise management levels in EPA's Interim Construction Noise Guideline (DECC, 2009), including correction of noise management levels to 57dB(A) Leq(15min) for St Andrews College and 59dB(A) Leq(15min) for Wesley College and identification of noise management levels for works outside of standard construction hours pursuant to this guideline for all sensitive receivers; (c) describe the measures to be implemented to manage high noise generating works such as piling, in close proximity to sensitive receivers; (d) include strategies that have been developed with the community for managing high noise generating works; (e) describe the community consultation undertaken to develop the strategies in condition B21(d); (f) include a complaints management system that would be implemented for the duration of the construction; and (g) include a program to monitor and report on the impacts and environmental performance of the development and the effectiveness of the implemented management measures in accordance with the requirements of condition B18.	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A	
B22.	The Construction Waste Management Sub-Plan (CWMSWP) must address, but not be limited to, the procedures for the management of waste including the following: (a) the recording of quantities, classification (for materials to be removed) and validation (for materials to remain) of each type of waste generated during construction and proposed use for materials to remain; (b) information regarding the recycling and disposal locations; and (c) confirmation of the contamination status of the development areas of the site based on the validation results.	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A	
B23.	The Construction Flood Emergency Management Sub-Plan must address, but not be limited to, the following: (a) be prepared by a suitably qualified and experienced person(s); (b) address the provisions of the Floodplain Risk Management Guidelines; (c) include details of: (i) the flood emergency responses for construction phases of the development; (ii) predicted flood levels; (iii) flood warning time and flood notification; (iv) assembly points and evacuation routes; (v) evacuation and refuge protocols; and (vi) awareness training for employees and contractors, and users/visitors.	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A	

Appendix A - Staging Matrix

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		CONSTRUCTION STAGES											
No	Description	CWVC no. 1 - Civil Works: Shoring & Bulk Earthworks (Stage 1 of 1)	CWVC no. 1 A - Structure Works: Piling & Foundations (Stage 2 of 1)	CWVC no. 2 - Structure Works: Substructure, Inground & Service Risers (Stage 3 of 1)	CWVC no. 3 - Structure Works: Superstructure (Levels 2 to 5), Masonry (Stage 4 of 1)	CWVC no. 4 - Structure Works & External Services (Horizontal) (Stage 5 of 1)	CWVC no. 4 - Internal Works: Fitout & Services Detail (Stage 6 of 1)	CWVC no. 5 - External Works, Landscape and Commissioning (Stage 7 of 1)	Occupation Certificate (Construction Completion, Commence Occupation)	Post Occupation	Notes		
B24.	A Driver Code of Conduct must be prepared and communicated by the Applicant to heavy vehicle drivers and must address the following: (a) minimise the impacts of earthworks and construction on the local and regional road network; (b) minimise conflicts with other road users; (c) minimise road traffic noise; and (d) ensure truck drivers use specified routes.	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A			
<b>Construction Parking</b>													
B25.	Prior to the commencement of construction, the Applicant must provide sufficient parking facilities on campus, including for heavy vehicles, to ensure that construction traffic associated with the development does not utilise public and residential streets or public parking facilities.	Stage 1	Maintained	Maintained	Maintained	Maintained	Maintained	Maintained	N/A	N/A			
B26.	Prior to the commencement of any construction, the Applicant must submit a Construction Worker Transportation Strategy to the Certifier. The Strategy must detail the provision of sufficient parking facilities or other travel arrangements for construction workers in order to minimise demand for parking in nearby public and residential streets or public parking facilities. A copy of the strategy must be published on the Applicant's website in accordance with condition A34. This condition cannot be staged.	Stage 1	Maintained	Maintained	Maintained	Maintained	Maintained	Maintained	N/A	N/A			
B27.	Prior to the commencement of construction, the Applicant must provide sufficient temporary bicycle parking facilities in the vicinity of the site, equivalent in number to those recently removed adjacent to the Susan Wakil Health Building, for the duration of the construction works until bicycle parking forming part of the development is operational.	Stage 1	Maintained	Maintained	Maintained	Maintained	Maintained	Maintained	N/A	N/A			
<b>Soil and Water</b>													
B28.	Prior to the commencement of construction, the Applicant must: (a) install erosion and sediment controls on the site to manage wet weather events; and (b) divert existing clean surface water around operational areas of the site.	Stage 1	Adjust as Required	Adjust as Required	Adjust as Required	Adjust as Required	Adjust as Required	Adjust as Required	N/A	N/A			
B29.	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'.	Note											
B30.	Prior to the commencement of construction, the Applicant describe the measures that must be implemented during construction 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.	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A			
<b>Flood Management</b>													
B31.	Prior to the commencement of construction, the Applicant must provide evidence from a suitably qualified civil or structural engineer to the Certifier confirming that: (a) all habitable floor levels are no lower than the 1% Annual Exceedance Probability (AEP) flood plus 500mm of freeboard and that the essential plant is above this level, except where there is any inconsistency with flood planning levels outlined in the Sydney Biomedical Accelerator SSD, Flood Assessment, prepared by GRC Hydro, dated 18 March 2024 and Sydney Biomedical Accelerator SSD - Reply to BCS advice, prepared by GRC Hydro, dated 16 May 2024, which prevail; (b) any structures below the PMF will be constructed from flood compatible building components having regard to the hydrodynamic forces from moving flow and the hydrostatic forces applied by still-water during any period of flood inundation and/or submerging events; (c) the structural integrity of the building has been designed to ensure safe and secure shelter-in-place of vulnerable persons, both during the PMF flood event and after the PMF flood event until flood waters have receded and it is safe to leave the building; and (d) building has been designed so that the part of the building that will be used for egress by those sheltering in place during a PMF event (or other submerging events) will be safe to be used for this purpose after the flood waters recede from the PMF event (or other submerging events).	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	N/A	N/A			
<b>Operational Noise - Design of Mechanical Plant and Equipment</b>													
B32.	Prior to installation of mechanical plant and equipment: a) a detailed assessment of mechanical plant and equipment with compliance with the project noise trigger levels as identified in the Noise and Vibration Impact Assessment dated 28 August 2023 and prepared by Acoustic Logic must be undertaken by a suitably qualified person; and b) evidence must be submitted to the Certifier that any noise mitigation recommendations identified in the assessment carried out under (a) have been incorporated into the design to ensure the development will not exceed the project noise trigger levels as identified in the Noise and Vibration Impact Assessment dated 28	N/A	N/A	N/A	N/A	Stage 5	N/A	N/A	N/A	N/A			
		N/A	N/A	N/A	N/A	Stage 5	N/A	N/A	N/A	N/A			
		N/A	N/A	N/A	N/A	Stage 5	N/A	N/A	N/A	N/A			
<b>Aboriginal Heritage</b>													
B33.	Prior to the commencement of construction, the Applicant must consult with Registered Aboriginal Parties to determine specific requirements and management measures to be used on site during construction, including protection of any objects or items in perpetuity.	Stage 1	Update as Required	Update as Required	N/A	N/A	N/A	N/A	N/A	N/A			
B34.	Prior to commencement of construction, workers must receive information on Aboriginal cultural heritage management requirements as part of the induction process. Records of these inductions must be documented and provided to the Certifier.	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	N/A	N/A			
<b>Landscaping</b>													
B35.	Prior to the commencement of landscaping works, the Applicant must prepare a revised Landscape Plan to manage the revegetation and landscaping works on-site, including replacing the Doryphora sassafras (Golden Sassafras) with a species identified on Council's tree species list, and provide it to the Certifier. The plan must: a) provide for the planting of 15 trees; b) detail the location, species, maturity and height at maturity of plants to be planted on-site; c) include species (trees, shrubs and groundcovers) indigenous to the local area; d) include minimum soil depths for planting on structure of 1000mm for trees, 450mm for shrubs and 200mm for groundcovers, excluding mulch and drainage layer; e) include the planting of trees with a pot container of 100 litres or greater; and f) ensure the spacing of Western Avenue trees has been reviewed by a qualified Arborist confirming that the spacing of the trees would allow trees to achieve a full canopy at maturity.	N/A	N/A	N/A	N/A	N/A	N/A	Stage 7	N/A	N/A			
		N/A	N/A	N/A	N/A	N/A	N/A	Stage 7	N/A	N/A			
		N/A	N/A	N/A	N/A	N/A	N/A	Stage 7	N/A	N/A			
		N/A	N/A	N/A	N/A	N/A	N/A	Stage 7	N/A	N/A			
		N/A	N/A	N/A	N/A	N/A	N/A	Stage 7	N/A	N/A			
		N/A	N/A	N/A	N/A	N/A	N/A	Stage 7	N/A	N/A			
<b>Tree Protection</b>													
B36.	Prior to the commencement of construction, an Arboricultural Impact Assessment Report and Tree Protection Specification must be prepared by a suitably qualified professional, for the final design drawings for construction. The report must be submitted to the Certifier and incorporate: a) generally the recommendations outlined in Arboricultural Impact Assessment Report, prepared by Martin Peacock Tree Care, dated 28 July 2023 and construction methodology outlined in Arboricultural Impact Assessment Report (Addendum A) prepared by Martin Peacock Tree Care, dated 19 March 2024; b) a detailed specification for tree sensitive construction methods to be utilised to minimise the impact of the works upon the trees, particularly Tree 54; and c) final Pruning Specification Plan.	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A			
		Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A			
		Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A			
		Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A			
<b>Construction and Demolition Waste Management</b>													
B37.	Prior to the commencement of the removal of any waste material from the site, the Applicant must notify the TfNSW Traffic Management Centre of the truck route(s) to be followed by trucks transporting waste material from the site.	Note											
<b>Operational Waste Storage and Processing</b>													
B38.	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: a) is constructed using solid non-combustible materials; 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; c) includes a hot and cold water supply with a hose through a centralised mixing valve; d) is naturally ventilated or an air handling exhaust system must be in place; and e) includes signage to clearly describe the types of materials that can be deposited into recycling bins and general garbage bins.	N/A	N/A	N/A	Stage 4	N/A	N/A	N/A	N/A	N/A			
		N/A	N/A	N/A	Stage 4	N/A	N/A	N/A	N/A	N/A			
		N/A	N/A	N/A	Stage 4	N/A	N/A	N/A	N/A	N/A			
		N/A	N/A	N/A	Stage 4	N/A	N/A	N/A	N/A	N/A			
		N/A	N/A	N/A	Stage 4	N/A	N/A	N/A	N/A	N/A			
		N/A	N/A	N/A	Stage 4	N/A	N/A	N/A	N/A	N/A			
<b>Operational Access, Car Parking and Service Vehicle Arrangements</b>													
B39.	Prior to the commencement of construction of access to parking and servicing facilities, evidence that 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, complies with the latest version of AS 2890.2 must be submitted to the Certifier.	N/A	N/A	N/A	Stage 4	N/A	N/A	N/A	N/A	N/A			
<b>Helipad Operations</b>													

Appendix A - Staging Matrix

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		CONSTRUCTION STAGES									
No	Description	CWVC no. 1 - Civil Works: Shoring & Bulk Earthworks (Stage 1 of 7)	CWVC no. 1.A - Structure Works: Piling & Foundations (Stage 2 of 7)	CWVC no. 2 - Structure Works: Substructure, Inground & Service Risers (Stage 3 of 7)	CWVC no. 3 - Structure Works: Superstructure (Levels 2 to 5), Masonry (Stage 4 of 7)	CWVC no. 4 - Structure Works & External Services (Horizontal) (Stage 5 of 7)	CWVC no. 4 - Internal Works: Fitout & Services Detail (Stage 6 of 7)	CWVC no. 5 - External Works, Landscape and Commissioning (Stage 7 of 7)	Occupation Certificate (Construction Completion, Commence Occupation)	Post Occupation	Notes
B40.	If the existing Royal Prince Alfred Hospital (RPAH) helipad has not been decommissioned, prior to the commencement of any rooftop works, a suitably qualified and experienced aviation professional is to confirm in a report that any rooftop structures (including but not limited to flues, lift overruns, mechanical plant etc.) would not alter the flight paths to the existing Royal Prince Alfred Hospital helipad and that any impacts on aviation safety will be adequately managed. If flight paths are required to be altered, the report must identify the alternate flight paths.	N/A	N/A	N/A		Stage 5	N/A	N/A	N/A	N/A	
<b>PART C - DURING CONSTRUCTION</b>											
<b>Site Notice</b>											
C1.	A site notice(s) must be prominently displayed at the boundaries of the site during construction for the purpose of informing the public of project details and must satisfy the following requirements:					Note					Refer relevant construction management plans.
a)	minimum dimensions of the site notice(s) must measure 841 mm x 594 mm (A1) with any text on the site notice(s) to be a minimum of 30-point type size;					Note					Refer relevant construction management plans.
b)	the site notice(s) must be durable and weatherproof and must be displayed throughout the works period;					Note					Refer relevant construction management plans.
c)	the approved hours of work, the name of the builder, Certifier, structural engineer, 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(s); and					Note					Refer relevant construction management plans.
d)	the site notice(s) must be mounted at eye level on the perimeter hoardings/fencing and must state that unauthorised entry to the site is not permitted.					Note					Refer relevant construction management plans.
<b>Operation of Plant and Equipment</b>											
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.					Note					Refer relevant construction management plans.
<b>Demolition</b>											
C3.	Demolition work must comply with the demolition work plans required by Australian Standard AS 2601-2001 The demolition of structures (Standards Australia, 2001) and endorsed by a suitably qualified person as required by condition B17.					Note					Refer relevant construction management plans.
<b>Construction Hours</b>											
C4.	Construction, including the delivery of materials to and from the site, may only be carried out between the following hours: (a) between 7am and 6pm, Mondays to Fridays inclusive; and (b) between 8am and 1pm, Saturdays. No work may be carried out on Sundays or public holidays.					Note					Refer relevant construction management plans.
C5.	Construction activities may be undertaken outside of the hours in condition C4 if required:					Note					Refer relevant construction management plans.
a)	by the Police or a public authority for the delivery of vehicles, plant or materials; or					Note					Refer relevant construction management plans.
b)	in an emergency to avoid the loss of life, damage to property or to prevent environmental harm; or					Note					Refer relevant construction management plans.
c)	where the works are inaudible at the nearest sensitive receivers; or					Note					Refer relevant construction management plans.
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					Note					Refer relevant construction management plans.
e)	where a variation is approved in advance in writing by the Planning Secretary or her nominee if appropriate justification is provided for the works.					Note					Refer relevant construction management plans.
C6.	Notification of such construction activities as referenced in condition C5 must be given to affected residents before undertaking the activities or as soon as is practical afterwards.					Note					Refer relevant construction management plans.
C7.	Rock breaking, rock hammering, sheet piling, pile driving and similar activities may only be carried out between the following hours: (a) 9am to 12pm, Monday to Friday; (b) 2pm to 5pm Monday to Friday; and (c) 9am to 12pm, Saturday.					Note					Refer relevant construction management plans.
<b>Implementation of Management Plans</b>											
C8.	The Applicant must carry out the construction of the development in accordance with the most recent version of the CEMP (including Sub-Plans).					Note					Refer relevant construction management plans.
<b>Construction Traffic</b>											
C9.	All construction 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.					Note					Refer relevant construction management plans.
<b>Hoarding Requirements</b>											
C10.	The following hoarding requirements must be complied with:					Note					Refer relevant construction management plans.
a)	no third-party advertising is permitted to be displayed on the subject hoarding/ fencing;					Note					Refer relevant construction management plans.
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.					Note					Refer relevant construction management plans.
<b>No Obstruction of Public Way</b>											
C11.	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.					Note					Refer relevant construction management plans.
<b>Construction Noise Limits</b>											
C12.	The development must be constructed to achieve the construction noise management levels detailed in the Interim Construction Noise Guideline (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.					Note					Refer relevant construction management plans.
C13.	The Applicant must ensure construction vehicles (including concrete agitator trucks) do not arrive at the site surrounding residential colleges outside of the construction hours of work outlined under condition C4.					Note					Refer relevant construction management plans.
C14.	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.					Note					Refer relevant construction management plans.
<b>Vibration Criteria</b>											
C15.	Vibration caused by construction at any residence or structure outside the site must be limited to:					Note					Refer relevant construction management plans.
a)	for structural damage, the latest version of DIN 4150-3 (1992-02) Structural vibration - Effects of vibration on structures (German Institute for Standardisation, 1999); and					Note					Refer relevant construction management plans.
b)	for human exposure, the acceptable vibration values set out in the Environmental Noise Management Assessing Vibration: a technical guideline (DEC, 2006) (as may be updated or replaced from time to time).					Note					Refer relevant construction management plans.
C16.	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 C15.					Note					Refer relevant construction management plans.
C17.	The limits in conditions C15 and C16 apply unless otherwise outlined in a Construction Noise and Vibration Management Plan, approved as part of the CEMP required by condition B21 of this consent.					Note					Refer relevant construction management plans.
<b>Tree Protection</b>											
C18.	For the duration of the construction works:					Note					Refer relevant construction management plans.
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;					Note					Refer relevant construction management plans.
b)	all street trees immediately adjacent to the approved disturbance area 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 in accordance with the relevant Council specifications;					Note					Refer relevant construction management plans.
c)	all trees on the site that are not approved for removal, particularly Tree T54, must be suitably protected during construction as per the recommendations of the Arboricultural Impact Assessment Report prepared by Martin Peacock Tree Care, dated 28 July 2023 and Arboricultural Impact Assessment Report (Addendum A) prepared by Martin Peacock Tree Care, dated 19 March 2024; and					Note					Refer relevant construction management plans.
d)	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.					Note					Refer relevant construction management plans.
<b>Air Quality</b>											
C19.	The Applicant must take all reasonable steps to minimise dust generated during all works authorised by this consent.					Note					Refer relevant construction management plans.
C20.	During construction, the Applicant must ensure that:					Note					Refer relevant construction management plans.

Appendix A - Staging Matrix

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		CONSTRUCTION STAGES										
No	Description	CWVC no. 1 - Civil Works: Shoring & Bulk Earthworks (Stage 1 of 1)	CWVC no. 1 A - Structure Works: Piling & Foundations (Stage 2 of 1)	CWVC no. 2 - Structure Works: Substructure, Inground & Service Risers (Stage 3 of 1)	CWVC no. 3 - Structure Works: Superstructure (Levels 2 to 5), Masonry (Stage 4 of 1)	CWVC no. 4 - Structure Works & External Services (Remalder) Building Envelope Services (Horizontal) (Stage 4 of 1)	CWVC no. 4 - Internal Works: Fitout & Services Detail (Stage 5 of 1)	CWVC no. 5 - External Works, Landscape and Commissioning (Stage 5 of 1)	Occupation Certificate (Construction Completion, Commence Occupation)	Post Occupation	Notes	
	a) activities are carried out in a manner that minimises dust including emission of windblown or traffic generated dust;					Note					Refer relevant construction management plans.	
	b) all trucks entering or leaving the site with loads have their loads covered;					Note					Refer relevant construction management plans.	
	c) trucks associated with the development do not track dirt onto the public road network;					Note					Refer relevant construction management plans.	
	d) public roads used by these trucks are kept clean; and					Note					Refer relevant construction management plans.	
	e) land stabilisation works are carried out progressively on site to minimise exposed surfaces.					Note					Refer relevant construction management plans.	
<b>Soil and Water</b>												
C21.	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 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'.					Note					Refer relevant construction management plans.	
<b>Imported Fill</b>												
C22.	The Applicant must:					Note					Refer relevant construction management plans.	
	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;					Note					Refer relevant construction management plans.	
	b) keep accurate records of the volume and type of fill to be used; and					Note					Refer relevant construction management plans.	
	c) make these records available to the Certifier and/or the Planning Secretary within seven days upon request.					Note					Refer relevant construction management plans.	
<b>Disposal of Seepage and Stormwater</b>												
C23.	Adequate provisions must be made to collect and discharge stormwater drainage during construction. The prior written approval of Council (where required) must be obtained to connect or discharge site stormwater to Council's stormwater drainage system or street gutter.	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A		
<b>Emergency Management</b>												
C24.	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.					Note					Refer relevant construction management plans.	
<b>Stormwater Management System</b>												
C25.	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 Certifier for approval. The system must:	N/A	N/A	Stage 3		N/A	N/A	N/A	N/A	N/A		
	a) be designed by a suitably qualified and experienced person(s);	N/A	N/A	Stage 3		N/A	N/A	N/A	N/A	N/A		
	b) be generally in accordance with the conceptual design in the RTS;	N/A	N/A	Stage 3		N/A	N/A	N/A	N/A	N/A		
	c) be in accordance with applicable Australian Standards; and	N/A	N/A	Stage 3		N/A	N/A	N/A	N/A	N/A		
	d) ensure that the system capacity has been designed in accordance with Australian Rainfall and Runoff (Engineers Australia, 2016) and Managing Urban Stormwater: Council Handbook (EPA, 1997) guidelines.	N/A	N/A	Stage 3		N/A	N/A	N/A	N/A	N/A		
<b>Aboriginal Cultural Heritage</b>												
C26.	Construction must be undertaken in accordance with the recommendations of the Aboriginal Cultural Heritage Assessment prepared by July 2024, including the unexpected finds procedure and procedure for the discovery of humans remains in the Aboriginal Cultural Heritage Management Plan (ACHMP) developed by Extent Heritage Pty Ltd (2018) for the Campus Improvement Program (CIP) (Extent Heritage Pty Ltd 2018).					Note						
<b>Heritage</b>												
C27.	Works related to heritage significant Gloucester House must be undertaken by appropriately qualified tradespersons (as appropriate) who are skilled in traditional building and engineering trades.					Note						
<b>Unexpected Finds Protocol - Historic Heritage</b>												
C28.	If any unexpected archaeological relics are uncovered during the work, then:					Note						
	a) all works must cease immediately in that area and notice is to be given to Heritage NSW and the Planning Secretary;					Note						
	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					Note					Heritage NSW endorsement already received.	
	c) works may only recommence with the written approval of the Planning Secretary.					Note						
<b>Waste Storage and Processing</b>												
C29.	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.					Note					Refer relevant construction management plans.	
C30.	All waste generated during construction must be assess, classified and managed in accordance with the Waste Classification Guidelines Part 1: Classifying Waste (EPA, 2014).					Note					Refer relevant construction management plans.	
C31.	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					Note					Refer relevant construction management plans.	
C32.	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.					Note					Refer relevant construction management plans.	
C33.	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.					Note					Refer relevant construction management plans.	
<b>Outdoor Lighting</b>												
C34.	The Applicant must ensure that all external lighting is constructed and maintained in accordance with AS 4282-2019 Control of the obtrusive effects of outdoor lighting.					Note						
<b>Site Contamination</b>												
C35.	Prior to the commencement of any work that would result in the disturbance of potential or contaminated soils, materials, groundwater or sediments, the Applicant must conduct site investigations to confirm the full nature and extent of the contamination at the project area and comply with the following requirements:	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A		
	a) the site investigations must be undertaken, and the subsequent report(s), must be prepared in accordance with relevant guidelines made or approved by the EPA under section 105 of the Contaminated Land Management Act 1997;	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A		
	b) the reports must be prepared, or reviewed and approved, by consultants certified under either the Environment Institute of Australia and New Zealand's Certified Environmental Practitioner (Site Contamination) scheme (CEP(SC)) or the Soil Science Australia Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) scheme; and	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A		
	c) the recommendations of the Remediation Action Plan prepared by Douglas Partners dated July 2023.	Stage 1	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	Update as Required	N/A	N/A		
C36.	The unexpected finds procedure within the Remediation Action Plan prepared by Douglas Partners dated July 2023 must be updated following results of further site investigations undertaken in accordance with condition C35 and implemented throughout duration of project work.					Note					Refer relevant construction management plans.	
C37.	If, based on further site investigations undertaken in accordance with condition C34, it is determined that additional remediation works are required or ongoing on-site management of soil or groundwater contamination is required, the Applicant must engage a NSW EPA-accredited Site Auditor to provide advice throughout the duration of works to ensure that any work required in relation to soil or groundwater contamination is appropriately managed.					Note					Refer relevant construction management plans.	
C38.	Remediation of the site must be carried out in accordance with the Remediation Action Plan prepared by Douglas Partners dated July 2023 and any variations to the Remediation Action Plan approved by an NSW EPA-accredited Site Auditor.					Note					Refer relevant construction management plans.	
C39.	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).					Note					Refer relevant construction management plans.	
C40.	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.					Note						
<b>Independent Environmental Audit</b>												
C41.	Independent Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements.					Note						
C42.	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.					Note						

Appendix A - Staging Matrix

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No	Description	CONSTRUCTION STAGES										Notes	
		CWVC no. 1 - Civil Works: Shoring & Bulk Earthworks (Stage 1 of 7)	CWVC no. 1 A - Structure Works: Piling & Foundations (Stage 2 of 7)	CWVC no. 2 - Structure Works: Substructure, Inground & Service Risers (Stage 3 of 7)	CWVC no. 3 - Structure Works: Superstructure (Levels 2 to 5), Masonry (Stage 4 of 7)	Structure Works & External Services (Horizontal) (Stage 4 of 7)	CWVC no. 4 - Internal Works: Fitout & Services Detail (Stage 5 of 7)	CWVC no. 5 - External Works: Landscape and Commissioning (Stage 6 of 7)	Occupation Certificate (Construction Completion, Commence Occupation)	Post Occupation			
C43.	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in the Independent Audit Post Approval Requirements, upon giving at least 4 week's notice (or timing) to the Applicant of the date upon which the audit must be commenced.												Note
C44.	In accordance with the specific requirements in the Independent Audit Post Approval Requirements, the Applicant must:												Note
	a) review and respond to each Independent Audit Report prepared under condition C41 of this consent, or condition C43 where notice is given by the Planning Secretary;												Note
	b) submit the response to the Planning Secretary; and												Note
	c) make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Planning Secretary, unless otherwise agreed by the Planning Secretary.												Note
C45.	Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within two months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approval Requirements unless otherwise agreed by the Planning Secretary.												Note
C46.	Notwithstanding the requirements of the Independent Audit Post Approval Requirements, the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that an audit has demonstrated operational compliance.												Note
<b>PART D - PRIOR TO COMMENCEMENT OF OPERATION</b>													
<b>Notification of Occupation</b>													
D1.	At least one month before commencement of any 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.												Note
<b>External Walls and Cladding</b>													
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.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
D3.	A copy of the documentation given to the Certifier must be made available on the Applicant's website within seven days after the Certifier accepts it.												Note
<b>Design Matters</b>													
D4.	Prior to the commencement of operation, a revised 3D electronic model must be prepared resolving any inconsistencies with the design illustrated in the plans and the former model and submitted to Council's Model Team. The electronic model must be constructed in accordance with the City's 3D CAD electronic model specification.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
D5.	Prior to the commencement of operation, an accurate 1:500 scale model of the development as constructed must be submitted to Council's Model Team.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Public Art</b>													
D6.	Prior to occupation of the building, the Applicant must prepare and submit to Council a Final Public Art Report, including photos of the installed artwork(s), as built drawings and ongoing ownership details and maintenance information.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Works as Executed Plans</b>													
D7.	Prior to the commencement of operation, works-as-executed plans 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.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Warm Water Systems and Cooling Systems</b>													
D8.	The installation 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 1 (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.												Note
<b>Outdoor Lighting</b>													
D9.	Prior to the commencement of operation, the Applicant must submit evidence from a suitably qualified practitioner to the Certifier that demonstrates that installed outdoor lighting associated with the development achieves the objective of minimising light spillage to any adjoining or adjacent sensitive receivers and:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	a) complies with the latest version of AS 4282-2019 - Control of the obtrusive effects of outdoor lighting (Standards Australia, 1997); and	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	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.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Mechanical Ventilation</b>													
D10.	Prior to commencement of operation, the Applicant must provide evidence to the Certifier that the installation and performance of the mechanical ventilation systems complies with:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	a) AS 1668.2-2012 The use of air-conditioning in buildings - Mechanical ventilation in buildings and other relevant codes; and	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	b) any dispensation granted by Fire and Rescue NSW.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Operational Noise - Design of Mechanical Plant and Equipment</b>													
D11.	Prior to the commencement of operation, the Applicant must submit evidence to the Certifier that the noise mitigation recommendations in the assessment undertaken under condition B32 have been incorporated into the design of mechanical plant and equipment to ensure the development will not exceed the project noise trigger levels identified in the Noise and Vibration Impact Assessment dated 28 August 2023 and prepared by Acoustic Logic.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Fire Safety Certification</b>													
D12.	Prior to occupation of the building, 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.												Note
<b>Emergency Response</b>													
D13.	Prior to occupation of the building, an Emergency Plan is developed for the site in accordance with Hazardous Industry Planning Advisory Paper No 1 - Emergency Planning (Planning, 2011).	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
D14.	Prior to occupation of the building, an Emergency Services Information Package be prepared in accordance with Fire safety guideline - Emergency services information package and tactical fire plans (Fire and Rescue, 2019).	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Structural Inspection Certificate</b>													
D15.	Prior to occupation of the relevant parts of any new or refurbished buildings, a Structural Inspection Certificate or a Compliance Certificate must be submitted to 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 Planning Secretary and the Council after:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	b) the drawings listed on the Inspection Certificate have been checked with those listed on the final Design Certificate/s.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Post-construction Dilapidation Report - Protection of Public Infrastructure</b>													
D16.	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:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	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 B10 of this consent.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	b) have, if it is decided that there is no structural damage to public infrastructure, the written confirmation from the relevant public authority that there is no adverse structural damage to their infrastructure (including roads).	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	c) be submitted to the Certifier;	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	d) be forwarded to Council for information; and	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	e) be provided to the Planning Secretary within 48 hours when requested.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Repair of Public Infrastructure</b>													
D17.	Unless the Applicant and the relevant public authority agree otherwise, the Applicant must:												Note
	a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out the construction works; and/or												Note
	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												Note
	c) pay compensation for the damage as agreed with the owner of the public infrastructure. Note: 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.												Note

Appendix A - Staging Matrix

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		CONSTRUCTION STAGES										
No	Description	CWVC no. 1 - Civil Works: Shoring & Bulk Earthworks (Stage 1 of 1)	CWVC no. 1 A - Structure Works: Piling & Foundations (Stage 2 of 1)	CWVC no. 2 - Structure Works: Substructure, Inground & Service Risers (Stage 3 of 1)	CWVC no. 3 - Structure Works: Superstructure (Levels 2 to 5), Masonry (Stage 4 of 1)	Structure Works & External Services (Horizontal) (Stage 4 of 1)	CWVC no. 4 - Internal Works: Fitout & Services Detail (Stage 5 of 1)	CWVC no. 5 - External Works: Landscape and Commissioning (Stage 6 of 1)	Occupation Certificate (Construction Completion, Commence Occupation)	Post Occupation	Notes	
<b>Road Damage</b>												
D18.	Prior to the commencement of operation, the 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.										Note	
<b>Post-Construction Survey - Adjoining Properties</b>												
D19.	Where a pre-construction survey has been undertaken in accordance with condition B12, prior to the commencement of operation the Applicant must engage a suitably qualified and experienced expert to undertake a post-construction survey and prepare a Post-Construction Survey Report. This Report must:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	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 B12;	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	b) be provided to the owner of the relevant buildings surveyed;	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	c) be provided to the Certifier; and	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	d) be provided to the Planning Secretary within 48 hours when requested.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
D20.	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 and the Planning Secretary. Alternatively, the Applicant may pay compensation for the damage as agreed with the property owner.										Note	
<b>Bicycle Parking and End-of-Trip Facilities</b>												
D21.	Prior to the commencement of operation, or other timeframe agreed in writing by the Planning Secretary, compliance with the following requirements for secure bicycle parking and end-of-trip facilities must be submitted to the Certifier:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	a) the provision of a minimum 137 staff and 94 visitor/student bicycle parking spaces;	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	b) the provision of a minimum 203 lockers and 21 showers;	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	c) the layout, design and security of bicycle facilities must comply with the minimum requirements of the latest version of AS 2890.3:2015 Parking facilities - Bicycle parking, and be located in easy to access, well-lit areas that incorporate passive surveillance;	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	d) the provision of end-of-trip facilities for staff; and	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	e) appropriate pedestrian and cyclist advisory signs are to be provided. <i>Note: All works/regulatory signposting associated with the proposed development shall be at no cost to the relevant roads authority.</i>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Helipad Operations</b>												
D22.	If condition B40 identifies that the flight paths to the existing RPA hospital helipad are required to be altered, the Applicant must provide evidence to the Certifier that new flight paths have been established in accordance with Civil Aviation safety Authority publication 'Advisory Circular AC 139R-01 v1.0 Guidelines for heliports - design and operation' and other relevant National and International guidelines, and a Visual Flight Rules (VFR) Approach and Departure Paths survey of the new flight paths has been provided to the Planning Secretary and Council for information prior to the commencement of operations or timing as otherwise agreed by the Planning Secretary.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Easements</b>												
D23.	Prior to occupation of the building, a registered easement under section 88A or 88B of the Conveyancing Act 1919 must be obtained, which can only be revoked, varied or modified with the consent of the Planning Secretary, and which provides for right of way over private roads connecting the site to Missenden Road registered on title of Lot 1000 DP115979.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Utilities and Services</b>												
D24.	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 Sydney Water Act 1994.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Stormwater Operation and Maintenance Plan</b>												
D25.	Prior to the commencement of operation, a Stormwater Operation and Maintenance Plan (SOMP) is to be submitted to the Certifier. The SOMP must ensure the proposed stormwater quality measures remain effective and contain the following:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	a) maintenance schedule of all stormwater quality treatment devices;	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	b) record and reporting details;	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	c) relevant contact information; and	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	d) Work Health and Safety requirements.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Signage</b>												
D26.	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.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A	Signage will be installed prior to Operation.	
<b>Operational Waste Management Plan</b>												
D27.	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:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	a) detail the type and quantity of waste to be generated during operation of the development;	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	b) describe the handling, storage and disposal of all waste streams generated on site, consistent with the Protection of the Environment Operations Act 1997, Protection of the Environment Operations (Waste) Regulation 2014 and the Waste Classification Guideline (Department of Environment, Climate Change and Water, 2009);	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	c) detail the materials to be reused or recycled, either on or off site; and	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	d) include the Management and Mitigation Measures included in RTS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Site Contamination</b>												
D28.	If, based on further site investigations undertaken in accordance with condition C35, it is determined that additional remediation works are required or ongoing on-site management of soil or groundwater contamination is required, then the following requirements must be satisfied:										Note	
	a) the Applicant must engage a NSW EPA-accredited Site Auditor to confirm the appropriateness of the site for the proposed use. The Applicant must obtain from a NSW EPA-accredited Site Auditor a Section A2 Site Audit Statement accompanied by an Environmental Management Plan, if ongoing on-site management of soil or groundwater contamination is required, prepared by a certified consultant and submit it to the Planning Secretary and relevant Council for information no later than one month before the commencement of operation.										Note	
	b) the development must not be used for the purpose approved under the terms of this consent until a Site Audit Statement determines the land is suitable for that purpose and any conditions on the Site Audit Statement have been complied with.										Note	
	c) where ongoing on-site management of soil or groundwater contamination is required, prior to commencement of operation a covenant must be registered on the title of the land binding the owners and future owners to be responsible for ongoing maintenance and any future rehabilitation works required in terms of the encapsulated/remaining contaminated materials, including the discharge or prevention of discharge from any contaminants or for any works subsequently required by the NSW Environment Protection Authority. A copy of the revised certificate of land title must be submitted to Council and the Certifier prior to commencement of operation.										Note	
<b>Landscaping</b>												
D29.	Prior to the commencement of operation, landscaping of the site must be completed in accordance with landscape plan(s) required under condition B35.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
D30.	Prior to the commencement of operation, the Applicant must prepare a Landscape Management Plan to manage the revegetation and landscaping on-site and submit it to the Certifier. The plan must:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	a) describe the ongoing monitoring and maintenance measures to manage revegetation and landscaping; and	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
	b) be consistent with the Applicant's Management and Mitigation Measures in the RTS.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A		
<b>Loading Dock Management Plan</b>												

Appendix A - Staging Matrix

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D31.	Prior to commencement of operation, a Loading Dock Management Plan must be prepared and submitted to the Planning Secretary for approval. The plan must outline procedures for the management of deliveries and pick-ups within the new consolidated loading dock on Cadgial Lane, including provision for advance bookings, access hours restricted to between 6am and 10pm and details of how traffic circulation conflicts within the loading dock, driveway and access road will be managed. This Plan must ensure that any potential traffic and pedestrian safety impacts associated with the loading dock operation identified by the RSA required by condition B7 are mitigated.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A	
<b>Operational Flood Emergency Management Plan</b>													
D32.	Prior to commencement of the operation, a Flood Emergency Management Plan (FEMP) must be submitted to the Certifier that:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A	
	a) is prepared by a suitably qualified and experienced person(s);	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A	
	b) incorporates the flood emergency management measures outlined in Sydney Biomedical Accelerator SSD - EMP, prepared by GRC Hydro, dated 18 March 2024 and Sydney Biomedical Accelerator SSD - Reply to BCS advice, prepared by GRC Hydro, dated 16 May 2024.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A	
	c) addresses the provisions of the Floodplain Risk Management Guidelines;	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A	
	d) includes details of: (i) the flood emergency responses for operational phase of the development; (ii) predicted flood levels; (iii) flood warning time and flood notification; (iv) assembly points and evacuation routes; (v) evacuation and refuge protocols, particularly for vulnerable people (including persons with a disability and children); and	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A	
	e) awareness training for employees and contractors, and visitors.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A	
<b>Green Travel Plan</b>													
D33	Prior to commencement of operation, or other timeframe agreed in writing by the Planning Secretary, the Applicant must implement measures to promote the use of active and sustainable transport modes, as outlined in the Green Travel Plan (GTP) section in the Traffic Impact Assessment, prepared by SCT Consulting, dated 19 October 2023 or the University's revised Sustainable Transport Access Management Plan (STAMP), whichever is the later.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OC	N/A	
<b>PART E - POST OCCUPATION</b>													
<b>Operation of Plant and Equipment</b>													
E1.	All plant and equipment used on site must be maintained in a proper and efficient condition operated in a proper and efficient manner.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Warm Water Systems and Cooling Systems</b>													
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.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Loading Dock Management Plan</b>													
E3.	The Applicant must implement the Loading Dock Management Plan approved under condition D31.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Operational Flood Emergency Management Plan</b>													
E4.	The FEMP required by condition D32 must be implemented for the development at all times and must be reviewed annually.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Environmental Management Plan</b>													
E5.	Upon completion of remediation works, where ongoing on-site management of soil or groundwater contamination is required, the Applicant must manage the site in accordance with the Environmental Management Plan approved by the Site Auditor (if any) under condition D28 and any on-going maintenance of remediation notice issued by EPA under the Contaminated Land Management Act 1997.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Operational Noise Limits</b>													
E6.	The Applicant must ensure that noise generated by operation of the development does not exceed the project noise trigger levels as identified in the Noise and Vibration Impact Assessment dated 28 August 2023 and prepared by Acoustic Logic.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
E7.	The Applicant must undertake short term noise monitoring in accordance with the Noise Policy for Industry (2017) 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 or other timeframe agreed to by the Planning Secretary to verify that operational noise levels do not exceed the project noise trigger levels as identified in the Noise and Vibration Impact Assessment dated 28 August 2023 and prepared by Acoustic Logic. Should the noise monitoring program identify any exceedance of the project noise trigger levels referred to above, the Applicant is required to implement appropriate noise attenuation measures so that operational noise levels do not exceed the project noise trigger levels or provide attenuation measures at the affected noise sensitive receivers.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Unobstructed Driveways and Parking Areas</b>													
E8.	All public 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.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Ecologically Sustainable Development</b>													
E9.	Unless otherwise agreed by the Planning Secretary, within six months of commencement of operation, Green Star certification must be obtained demonstrating the development achieves a minimum 5 star Green Star Buildings Design & As Built rating. If required to be obtained, evidence of the certification must be provided to the Certifier and the Planning Secretary. If an alternative certification process has been agreed to by the Planning Secretary under condition B15, evidence of compliance of implementation must be provided to the Planning Secretary and Certifier.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Outdoor Lighting</b>													
E10.	Notwithstanding condition D9, should outdoor lighting result in any residual impacts on the amenity of surrounding sensitive receivers, the Applicant must provide mitigation measures in consultation with affected landowners to reduce the impacts to an acceptable level.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Landscaping</b>													
E11.	The Applicant must maintain the landscaping and vegetation on the site in accordance with the approved Landscape Management Plan required by condition D30 for the duration of occupation of the development.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Hazards and Risk</b>													
E12.	The Applicant must store all chemicals, fuels and oils used on-site in accordance with: (a) the requirements of all relevant Australian Standards; and (b) the EPA's Storing and Handling of Liquids: Environmental Protection - Participants Manual if the chemicals are liquids.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
E13.	In the event of an inconsistency between the requirements of condition E12(a) and E12(b), the most stringent requirement must prevail to the extent of the inconsistency.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>Discharge Limits</b>													
E14.	The development must comply with section 120 of the POEO Act, which prohibits the pollution of waters.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO	
<b>ADVISORY NOTES</b>													
<b>General</b>													
AN1.	All licences, permits, approvals and consents as required by law must be obtained and maintained as required for the development. No condition of this consent removes any obligation to obtain, renew or comply with such licences, permits, approvals and consents.											Note	
<b>Long Service Levy</b>													
AN2.	For work costing \$250,000 or more, a Long Service Levy must be paid. For further information please contact the Long Service Corporation on 131 441.												Note
<b>Legal Notices</b>													
AN3.	Any advice or notice to the consent authority must be served on the Planning Secretary.												Note
<b>Access for People with Disabilities</b>													
AN4.	The works that are the subject of this application must be designed and constructed to provide access and facilities for people with a disability in accordance with the BCA. Prior to the commencement of construction, the Certifier must ensure that evidence of compliance with this condition from an appropriately qualified person is provided and that the requirements are referenced on any certified plans.												Note
<b>Utilities and Services</b>													
AN5.	Prior to the construction of any utility works associated with the development, the Applicant must obtain relevant approvals from service providers.												Note

Appendix A - Staging Matrix

SSD SSD-55388456

		CONSTRUCTION STAGES										
No	Description	CWVC no. 1 - Civil Works: Shoring & Bulk Earthworks (Stage 1 of 7)	CWVC no. 1.A - Structure Works: Piling & Foundations (Stage 2 of 7)	CWVC no. 2 - Structure Works: Substructure, Inground & Service Risers (Stage 3 of 7)	CWVC no. 3 - Structure Works: Superstructure (Levels 2 to 5), Masonry (Stage 4 of 7)	CWVC no. 4 - Structure Works: External Works & External Services (Remainder), Building Envelope, Services (Horizontal) (Stage 5 of 7)	CWVC no. 4 - Internal Works: Fitout & Services Detail (Stage 6 of 7)	CWVC no. 5 - External Works, Landscape and Commissioning (Stage 7 of 7)	Occupation Certificate (Construction Completion, Commence Occupation)	Post Occupation	Notes	
AN6.	Prior to the commencement of above ground works written advice must be obtained from the electricity supply authority, an approved telecommunications carrier and an approved gas carrier (where relevant) stating that satisfactory arrangements have been made to ensure provisions of adequate services.										Note	
<b>Road Occupancy Licence</b>												
AN7.	A Road Occupancy Licence must be obtained from the relevant road authority for any works that impact on traffic flows during construction activities.										Note	
<b>SafeWork Requirements</b>												
AN8.	To protect the safety of work personnel and the public, the work site must be adequately secured to prevent access by unauthorised personnel, and work must be conducted at all times in accordance with relevant SafeWork requirements.										Note	
<b>Hoarding Requirements</b>												
AN9.	The Applicant must submit a hoarding application to Council for the installation of any hoardings over Council footways or road reserve.										Note	
<b>Handling of Asbestos</b>												
AN10.	The Applicant must consult with SafeWork NSW concerning the handling of any asbestos waste that may be encountered during construction. The requirements of the Protection of the Environment Operations (Waste) Regulation 2014 with particular reference to Part 7 - 'Transportation and management of asbestos waste' must also be complied with.										Note	
<b>Fire Safety Certificate</b>												
AN11.	The owner must submit to Council an Annual Fire Safety Statement, each 12 months after the final Safety Certificate is issued. The certificate must be on, or to the effect of, Council's Fire Safety Statement.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PO		
<b>APPENDIX 2: Written Incident Notification and Reporting Requirements</b>												
<b>Written Incident Notification Requirements</b>												
1	A written incident notification addressing the requirements set out below must be emailed to the Planning Secretary through the major projects portal within seven days after the Applicant becomes aware of an incident. Notification is required to be given under this condition even if the Applicant fails to give the notification required under condition A28 or, having given such notification, subsequently forms the view that an incident has not occurred.										Note during construction.	
2	Written notification of an incident must: (a) identify the development and application number; (b) provide details of the incident (date, time, location, a brief description of what occurred and why it is classified as an incident); (c) identify how the incident was detected; (d) identify when the applicant became aware of the incident; (e) identify any actual or potential non-compliance with conditions of consent; (f) describe what immediate steps were taken in relation to the incident; (g) identify further action(s) that will be taken in relation to the incident; and (h) identify a project contact for further communication regarding the incident.										Note during construction.	
3	Within 30 days of the date on which the incident occurred or as otherwise agreed to by the Planning Secretary, the Applicant must provide the Planning Secretary and any relevant public authorities (as determined by the Planning Secretary) with a detailed report on the incident addressing all requirements below, and such further reports as may be requested.										Note during construction.	
4	The Incident Report must include: (a) a summary of the incident; (b) outcomes of an incident investigation, including identification of the cause of the incident; (c) details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence; and (d) details of any communication with other stakeholders regarding the incident.										Note during construction.	

## SYDNEY

LEVEL 14, 558 PACIFIC HIGHWAY  
ST LEONARDS NSW 2065

PO BOX 1024  
CROWS NEST NSW 1585

PHONE: 02 9902 4700

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## NEWCASTLE

SUITE 18, 50 GLEBE ROAD  
THE JUNCTION NSW 2291

PHONE: 02 4952 6777

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## TAMWORTH

SUITE 1, 493 PEEL STREET  
TAMWORTH NSW 2340

PHONE: 02 6766 5225

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## CANBERRA

SUITE 4A, 73 NORTHBOURNE AVENUE  
CANBERRA ACT 2601

PO BOX 771  
FYSHWICK ACT 2609

PHONE: 02 6143 2900

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## BRISBANE

84 LATROBE TERRACE  
PADDINGTON QLD 4064

PHONE: 07 3099 0899

