



CONSTRUCTION STAGING REPORT

RNA Research and Manufacturing Facility

SSD-5811548

June 2024

Hindmarsh Construction Australia

Version no.	Description	Prepared by	Reviewed by	Date
01	First Draft	Aivy Le	Reg Struwig	06/06/24
02	Updating information based on APP Audit	Aivy Le	Reg Struwig	11/11/24

1. Introduction

This staging report has been prepared by Hindmarsh Construction on behalf of the NSW Health infrastructure (HI) for the RNA Research and Manufacturing Facility. The Staging Report has been prepared in accordance with the conditions of the State Significant Development approval SSD 51811548 dated 24th of February 2024

1.1 Project Overview

The new facility will conduct small-scale production of messenger RNA (mRNA), plasmid DNA (pDNA) and lipid nanoparticles (LNP) encapsulation at a scale which will enable clinical trials of new therapeutics. Viruses, cancers, genetic diseases and many other health-related issues are potentially treatable with RNA technologies.

Similar in structure to DNA, RNA is a nucleic acid found in every cell of the body, which transmits genetic information between DNA and proteins to control the amount and type of protein made within a cell. RNA can also help to turn genes on and off, aid chemical reactions, regulate cell behaviour and inhibit other RNAs.

The NSW Government has committed \$72.2 million to build the RNA Research and Pilot Manufacturing Facility, as part of a total \$95.8 commitment for the facility. The new facility will be located in the Connect Innovation Precinct at Macquarie University and operated by Myeloid Therapeutics, a global therapeutics company.

1.1.1 Date of Commencement of Construction

Construction of RNA is proposed to commence in August 2024 with a staged construction arrangement referred to below.

1.1.2 Submission to Certifier

- A9. The project may be constructed and operated in stages. Where compliance with conditions is required to be staged due to staged construction or operation, a Staging Report (for either or both construction and operation as the case may be) must be prepared and submitted to the Certifier for approval. The Staging Report must be submitted to the Certifier no later than 14 days before the commencement of construction of the first of the proposed stages of construction (or if only staged operation is proposed, 14 days before the commencement of operation of the first of the proposed stages of operation).
- A10. A Staging Report prepared in accordance with condition A9 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.
- A11. Where a Staging Report is required, the project must be staged in accordance with the Staging Report, as approved by the Certifier.
- A12. Where construction or operation is being staged in accordance with a Staging Report, the terms of this consent that apply or are relevant to the works or activities to be carried out in a specific stage must be complied with at the relevant time for that stage as identified in the Staging Report including independent auditing requirements.

The date of submission of the report is June 2024

Commencement of construction of the first of the proposed stages is August 2024

1.2 Details of Proposed Construction Stages

1.2.1 Staging Overview

The SSD pertains to the delivery of the entire package of works. Staging of construction is proposed as follows:

- Crown Certificate #1
 - Earthworks, in ground services, structure
- Crown Certificate #2
 - Internal Finishes, Façade and Landscaping

There will only be one Operation Certificate in the first Quarter of 2025.

Communication between stakeholders to manage impacts from staging will be during the following meetings:

Precinct Partners Macquarie University - Fortnightly meetings on Monday at 11am

Client Meetings Health Infrastructure - Weekly meetings on Monday at 2pm

Heading	Condition	Description	Construction Certificate Stage	
			CC1	CC2
Part A - Administrative Conditions				
Obligation to Minimise Harm to the Environment	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.	x	x
Terms of Consent	A2.	The development may only be carried out: (a) in compliance with the conditions of this consent; (b) in accordance with all written directions of the Planning Secretary; (c) generally in accordance with the EIS and Response to Submissions; and (d) in accordance with the approved plans in the table below: Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to: (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; (b) any reports, reviews or audits commissioned by the Planning Secretary regarding compliance with this approval; and (c) the implementation of any actions or measures contained in any such document referred to in (a) above.	x	x
	A3.	The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c). In the event of an 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	x	x
	A4.	This consent lapses five years after the date of consent unless work is physically commenced.	x	x
	A5.		x	x
	Prescribed Conditions	A6.	The Applicant must comply with all relevant prescribed conditions of development consent under Part 4, Division 2 of the EP&A Regulation.	x
Planning Secretary as Moderator	A7.	In the event of a dispute between the Applicant and a public authority, in relation to an applicable requirement in this approval or relevant matter relating to the Development, either party may refer the matter to the Planning Secretary for resolution. The Planning Secretary's resolution of the matter must be binding on the parties.	x	x
Evidence of Consultation	A8.	Where conditions of this consent require consultation with an identified party, the Applicant must: (a) consult with the relevant party prior to submitting the subject document for information or approval; and (b) provide details of the consultation undertaken including: (i) the outcome of that consultation, matters resolved and unresolved; and (ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.	x	x
Staging	A9.	The project may be constructed and operated in stages. Where compliance with conditions is required to be staged due to staged construction or operation, a Staging Report (for either or both construction and operation as the case may be) must be prepared and submitted to the Certifier for approval. The Staging Report must be submitted to the Certifier no later than 14 days before the commencement of construction of the first of the proposed stages of construction (or if only staged operation is proposed, 14 days before the commencement of operation of the first of the proposed stages of operation). A Staging Report prepared in accordance with condition A9 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.	x	x
	A10.	Where a Staging Report is required, the project must be staged in accordance with the Staging Report, as approved by the Certifier.	x	x
	A11.	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.	x	x
	A12.		x	x
Staging, Combining and Updating Strategies, Plans or Programs	A13.	The Applicant may: (a) prepare and submit any strategy, plan (including management plan, architectural or design plan) or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan (including management plan, architectural or design plan) or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan (including management plan, architectural or design plan) or program); (b) combine any strategy, plan (including management plan, architectural or design plan), or program required by this consent (if a clear relationship is demonstrated between the strategies, plans (including management plan, architectural or design plan) or programs that are proposed to be combined); and (c) update any strategy, plan (including management plan, architectural or design plan), or program required by this consent (to ensure the strategies, plans (including management plan, architectural or design plan), or programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).	x	x
	A14.	Any strategy, plan or program prepared in accordance with condition A13, where previously approved by the Planning Secretary under this consent, must be submitted to the satisfaction of the Planning Secretary.	x	x
	A15.	If the Planning Secretary agrees, a strategy, plan (including management plan, architectural or design plan), or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this consent.	x	x
	A16.	Updated strategies, plans (including management plan, architectural or design plan), or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan, program or drawing.	x	x
	A17.	All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the development, must be constructed in accordance with the relevant requirements of the BCA. Notes: Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021 sets out the requirements for the certification of the development.	x	x
External Walls and Cladding	A18.	The external walls of all buildings including additions to existing buildings must comply with the relevant requirements of the BCA.		x
External Materials	A19.	The external colours, materials and finishes of the buildings must be consistent with the approved plans referenced in condition A2. Any minor changes to the colour and finish of approved external materials may be approved by the Certifier provided: (a) the alternative colour/material is of a similar tone/shade and finish to the approved external colours/building materials; (b) the quality and durability of any alternative material is the same standard as the approved external building materials; and (c) a copy of the documentation given to the Certifier is provided to the Planning Secretary within seven days after the Certifier accepts it.		x
Design and Construction for Bushfire	A20.	The development must comply with the recommendations provided in 'Bushfire Assessment Report RNA Pilot Research & Manufacturing Facility (SSD-51811458) Macquarie University' (Version 3), prepared by Bushfire Planning Australia and dated 16 November 2023.	x	x

Applicability of Guidelines	A21.	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.	x	x
	A22.	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.	x	x
Monitoring and Environmental Audits	A23.	Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, non-compliance notification, Site audit report and independent auditing. Note: For the purposes of this condition, as set out in the EP&A Act, "monitoring" is monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an "environmental audit" is a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development.	x	x
Access to Information	A24.	At least 48 hours before the commencement of construction until the completion of all works under this consent, or such other time as agreed by the Planning Secretary, the Applicant must: (a) make the following information and documents (as they are obtained or approved) publicly available on its website: (i) the documents referred to in condition A2 of this consent; (ii) all current statutory approvals for the development; (iii) all approved strategies, plans and programs required under the conditions of this consent; (iv) regular reporting on the environmental performance of the development in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent; (v) a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs; (vi) a summary of the current stage and progress of the development; (vii) contact details to enquire about the development or to make a complaint; (viii) a complaints register, updated monthly; (ix) audit reports prepared as part of any independent audit of the development and the Applicant's response to the recommendations in any audit report; (x) any other matter required by the Planning Secretary; and (b) keep such information up to date, to the satisfaction of the Planning Secretary and publicly available for 12 months after the commencement of operations.	x	x
Compliance	A25.	The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the development.	x	x
Incident Notification, Reporting and Response	A26.	The Planning Secretary must be notified through the major projects portal immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one), and set out the location and nature of the incident.	x	x
	A27.	Subsequent notification must be given and reports submitted in accordance with the requirements set out in Appendix 2.	x	x
Non-Compliance Notifications	A28.	The Planning Secretary must be notified through the major projects portal within seven days after the Applicant becomes aware of any non-compliance. The Certifier must also notify the Planning Secretary through the major projects portal within seven days after they identify any non-compliance.	x	x
	A29.	The notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance	x	x
	A30.	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance	x	x
Revision of Strategies, Plan and Programs	A31.	Within three months of: (a) the submission of an incident report under condition A27; (b) the submission of an Independent Audit under condition C37 or C39; (c) the approval of any modification of the conditions of this consent; or (d) the issue of a direction of the Planning Secretary under condition 0 which requires a review, the strategies, plans and programs required under this consent must be reviewed, and the Certifier must be notified in writing that a review is being carried out.	x	x
	A32.	If necessary to either improve the environmental performance of the development, cater for a modification or comply with a direction, the strategies, plans, programs or drawings required under this consent must be revised, to the satisfaction of the Planning Secretary or Certifier (where previously approved by the Certifier). Where revisions are required, the revised document must be submitted to the Planning Secretary and / or Certifier (where relevant) for approval and / or information (where relevant) within six weeks of the review. Note: This is to ensure strategies, plans and programs are updated on a regular basis and to incorporate any recommended measures to improve the environmental performance of the development.	x	x

Heading	Condition	Description	Construction Certificate Stage	
			CC1	CC2
PART B - PRIOR TO COMMENCEMENT OF CONSTRUCTION				
Notification of Commencement	B1	The Applicant must notify the Planning Secretary in writing of the dates of the intended commencement of construction and operation at least 48 hours before those dates.	x	
	B2	If the construction or operation of the development is to be staged, the Planning Secretary must be notified in writing at least 48 hours before the commencement of each stage, of the date of commencement and the development to be carried out in that stage.	x	x
Certified Drawings	B3	Prior to the commencement of the relevant construction stage, the Applicant must submit to the Certifier structural drawings prepared and signed by a suitably qualified practising Structural Engineer that demonstrates compliance with this development consent.	x	
External Walls and Cladding	B4	Prior to the commencement of construction, the Applicant must provide the Certifier with documented evidence that the products and systems proposed for use or used in the construction of external walls, including finishes and claddings such as synthetic or aluminium composite panels, comply with the requirements of the BCA. A copy of the documentation must be made available on the Applicant's website within seven days after the Certifier accepts it.		x
Pre-Construction Dilapidation Report – Protection of Public Infrastructure	B5	Prior to the commencement of any construction, the Applicant must: (a)consult with the relevant owner and provider of services and Infrastructure that are likely to be affected by the development to make suitable arrangements for access to, diversion, protection and support of the affected infrastructure; (b)prepare a Pre-Construction Dilapidation Report identifying the condition of all public (non- residential) infrastructure and assets in the vicinity of the site (including roads, gutters and footpaths) that have potential to be affected; (c)submit a copy of the Pre-Construction Dilapidation Report to the asset owner, Certifier and Council; and (d)provide a copy of the Pre-Construction Dilapidation Report to the Planning Secretary with 48 hours when requested.	x	
Pre-Construction Survey – Adjoining Properties	B6	Prior to the commencement of any construction, the Applicant must offer a pre-construction survey to owners of residential/heritage listed/commercial buildings that are likely to be impacted by the development.	x	
	B7	Where the offer for a pre-construction survey is accepted (as required by condition B6), 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.	x	
	B8	Prior to the commencement of any vibration generating works that could impact on the buildings surveyed as required by condition B7, 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 seven days when requested.	x	
Ecologically Sustainable Development	B9	Prior to the commencement of construction, unless otherwise agreed by the Planning Secretary, the Applicant must demonstrate to the Certifier that the ESD initiatives recommended in 'RNA Pilot Research and Manufacturing Facility ESD SEARs Report' (Version 06) prepared by Arup and dated 6 July 2023, have been incorporated into the design of the development.	x	x
	B10	The project is to achieve compliance with section 2.5.6 of the Health Infrastructure Engineering Services Guidelines dated 6 August 2021 (including Design Guidance Note No. 058) by attaining a minimum of 60 points in accordance with the ESD Evaluation Tool.	x	x
Outdoor Lighting	B11	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.		x
Demolition	B12	Prior to the commencement of construction, 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.	x	
Environmental Management Plan Requirements	B13	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: https://www.planningportal.nsw.gov.au/major-projects/assessment/post-approval . •The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.	x	x
	B14	Prior to the commencement of any 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 A24. 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)management of dust and odour to protect the amenity of the neighbourhood; (iv)stormwater control and discharge; (v)measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the site; (vi)external lighting in compliance with AS 4282-2019 Control of the obtrusive effects of outdoor lighting; (b)an unexpected finds protocol for contamination and associated communications procedure to ensure that potentially contaminated material is appropriately managed; (c)an unexpected finds protocol for Aboriginal and non-Aboriginal heritage and associated communications procedure; (d)Construction Traffic and Pedestrian Management Sub-Plan (see condition B15); (e)Construction Noise and Vibration Management Sub-Plan (see condition B16); and (f)Construction Waste Management Sub-Plan (see condition B17).	x	x

Construction Environmental Management Plan	B15	<p>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:</p> <p>(a) be prepared by a suitably qualified and experienced person(s);</p> <p>(b) be prepared in consultation with Council and TfNSW;</p> <p>(c) detail:</p> <p>(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;</p> <p>(ii) measures to ensure the safety of vehicles and pedestrians accessing adjoining properties where shared vehicle and pedestrian access occurs;</p> <p>(iii) heavy vehicle routes, access and parking arrangements;</p> <p>(iv) 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</p> <p>(v) 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 controller(s)</p> <p>The Construction Noise and Vibration Management Sub-Plan must address, but not be limited to, the following:</p> <p>(a) be prepared by a suitably qualified and experienced noise expert;</p> <p>(b) describe procedures for achieving the noise management levels in EPA's Interim Construction Noise Guideline (DECC, 2009);</p> <p>(c) describe the measures to be implemented to manage high noise generating works such as piling, in close proximity to sensitive receivers;</p> <p>(d) include strategies that have been developed with the community for managing high noise generating works;</p> <p>(e) describe the community consultation undertaken to develop the strategies in condition B16(d);</p> <p>(f) include a complaints management system that would be implemented for the duration of the construction; and</p> <p>(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 B13.</p>	x	x
	B16	<p>The Construction Waste Management Sub-Plan (CWMSP) must address, but not be limited to, the procedures for the management of waste including the following:</p> <p>(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;</p> <p>(b) information regarding the recycling and disposal locations; and</p> <p>(c) confirmation of the contamination status of the development areas of the site based on the validation results.</p> <p>A Driver Code of Conduct must be prepared and communicated by the Applicant to heavy vehicle drivers and must address the following:</p> <p>(a) minimise the impacts of earthworks and construction on the local and regional road network;</p> <p>(b) minimise conflicts with other road users;</p> <p>(c) minimise road traffic noise; and</p> <p>(d) ensure truck drivers use specified routes.</p>	x	x
	B17	<p>Prior to the commencement of any construction, the Applicant must provide sufficient parking facilities on-site, including for heavy vehicles and for site personnel, to ensure that construction traffic associated with the development does not utilise public and residential streets or public parking facilities.</p>	x	x
	B18	<p>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.</p>	x	x
Construction Parking	B19	<p>Prior to the commencement of construction, the Applicant must:</p> <p>(a) install erosion and sediment controls on the site to manage wet weather events; and</p> <p>(b) divert existing clean surface water around operational areas of the site.</p>	x	x
	B19.A	<p>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'.</p>	x	x
Soil and Water	B20	<p>Prior to installation of mechanical plant and equipment:</p> <p>(a) a detailed assessment of mechanical plant and equipment with compliance with the relevant project noise trigger levels as recommended in 'RNA Pilot Research and Manufacturing Facility Noise and Vibration Impact Assessment' (Issue 8) prepared by Arup and dated 6 July 2023, must be undertaken by a suitably qualified person; and</p> <p>(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 identified in 'RNA Pilot Research and Manufacturing Facility Noise and Vibration Impact Assessment' (Issue 8) prepared by Arup and dated 6 July 2023.</p>	x	x
	B21	<p>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:</p> <p>(a) is constructed using solid non-combustible materials;</p> <p>(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;</p> <p>(c) includes a hot and cold water supply with a hose through a centralised mixing valve;</p> <p>(d) is naturally ventilated or an air handling exhaust system must be in place; and</p> <p>(e) includes signage to clearly describe the types of materials that can be deposited into recycling bins and general garbage bins.</p>	x	x
Operational Noise – Design of Mechanical Plant and Equipment	B22	<p>Prior to the commencement of construction of operational parking and access facilities, evidence of compliance of the design of operational parking and access arrangements with the following requirements must be submitted to the Certifier:</p> <p>(a) a minimum of five on-site car parking spaces for use during operation of the development and designed in accordance with the latest versions of AS 2890.1 and AS 2890.6; and</p> <p>(b) the swept path of the largest service vehicle entering and exiting the Site in association with the new work, as well as manoeuvrability through the site, must be in accordance with the latest version of AS 2890.2.</p>		x
Operational Waste Storage and Processing	B23	<p>Prior to the commencement of construction, the landscape plan listed in condition A2(d) must be updated to identify the location(s) of the trees, shrubs and groundcovers listed in the Planting Schedule (drawing L-DA-09, prepared by 360, dated 23.08.2023). The updated plan must be submitted to the Certifier.</p>		x
Operational Access, Car Parking and Service Vehicle Arrangements	B24			
Landscape Plan	B25			

Heading	Condition	Description	Construction Certificate Stage	
			CC1	CC2
PART C - DURING CONSTRUCTION				
Site Notice	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: (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; (b) the site notice(s) must be durable and weatherproof and must be displayed throughout the works period; (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 (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.	x	x
Operation of Plant and Equipment	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.	x	x
Demolition	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 B12.	x	
Construction Hours	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.	x	x
	C5	Notwithstanding condition C4, provided noise levels do not exceed the existing background noise level plus 5dB, works may also be undertaken during the following hours: (a) between 6pm and 7pm, Mondays to Fridays inclusive; and (b) between 1pm and 4pm, Saturdays.	x	x
	C6	Construction activities may be undertaken outside of the hours in condition C4 and C5 if required: (a) by the Police or a public authority for the delivery of vehicles, plant or materials; or (b) in an emergency to avoid the loss of life, damage to property or to prevent environmental harm; or (c) where the works are inaudible at the nearest sensitive receivers; or (d) for the delivery, set-up and removal of construction cranes, where notice of the crane- related works is provided to affected residents at least seven days prior to the works; or (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.	x	x
	C7	Notification of such construction activities as referenced in condition C6 must be given to affected stakeholders (including potentially affected university campus users/occupants) before undertaking the activities or as soon as is practical afterwards.	x	x
	C8	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.	x	x
Implementation of Management Plans	C9	The Applicant must carry out the construction of the development in accordance with the most recent version of the CEMP (including Sub-Plans).	x	x
Construction Traffic	C10	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.	x	x
Hoarding Requirements	C11	The following hoarding requirements must be complied with: (a) no third-party advertising is permitted to be displayed on the subject hoarding/ fencing; and (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.	x	x
No Obstruction of Public Way	C12	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.	x	x
Construction Noise Limits	C13	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.	x	x
	C14	The Applicant must ensure construction vehicles (including concrete agitator trucks) do not arrive at the site or surrounding residential precincts outside of the construction hours of work outlined under condition C4.	x	x
	C15	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.	x	x
Vibration Criteria	C16	Vibration caused by construction at any residence or structure outside the site must be limited to: (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 (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).	x	x
	C17	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 C16.	x	x
	C18	The limits in conditions C16 and C17 apply unless otherwise outlined in a Construction Noise and Vibration Management Plan, approved as part of the CEMP required by condition B16 of this consent.	x	x

Tree Protection	C19	For the duration of the construction works: (a)street trees must not be trimmed or removed unless it forms a part of this development consent or prior written approval from Council is obtained or is required in an emergency to avoid the loss of life or damage to property; (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; (c)all trees on the site that are not approved for removal must be suitably protected during construction as per the recommendations of 'Arboricultural Impact Assessment' (Version 7), prepared by Truth About Trees Pty Ltd and dated 21 October 2023; and (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.	x	x
Air Quality	C20	The Applicant must take all reasonable steps to minimise dust generated during all works authorised by this consent.	x	x
	C21	During construction, the Applicant must ensure that: (a)activities are carried out in a manner that minimises dust including emission of windblown or traffic generated dust; (b)all trucks entering or leaving the site with loads have their loads covered; (c)trucks associated with the development do not track dirt onto the public road network; (d)public roads used by these trucks are kept clean; and (e)land stabilisation works are carried out progressively on site to minimise exposed surfaces.	x	x
Soil and Water	C22	All erosion and sediment control measures must be effectively implemented and maintained at or above design capacity for the duration of the construction works and until such time as all ground disturbed by the works have been stabilised and rehabilitated so that it no longer acts as a source of sediment. Erosion and sediment control techniques, as a minimum, are to be in accordance with the publication Managing Urban Stormwater: Soils & Construction (4 th edition, Landcom, 2004) commonly referred to as the 'Blue Book'.	x	x
Imported Fill	C23	The Applicant must: (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; (b)keep accurate records of the volume and type of fill to be used; and (c)make these records available to the Certifier and/or the Planning Secretary within seven days upon request.	x	x
Disposal of Seepage and Stormwater	C24	Adequate provisions must be made to collect and discharge stormwater drainage during construction. The prior written approval of Council must be obtained to connect or discharge site stormwater to Council's stormwater drainage system or street gutter.	x	x
Emergency Management	C25	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.	x	x
Stormwater Management System	C26	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: (a)be designed by a suitably qualified and experienced person(s); (b)be generally in accordance with the conceptual design contained in 'Integrated Water Management Plan' (Revision 05), prepared by Taylor Thomson Whittling and dated 24 October 2023; (c)include a rainwater tank having a minimum 10kL of storage provided for the purpose of non-potable water reuse applications in the development; (d)be in accordance with applicable Australian Standards; and (e)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.	x	
Aboriginal Cultural Heritage	C27	Construction must be undertaken in accordance with the recommendations of 'Aboriginal Cultural Heritage Assessment RNA Pilot Research and Manufacturing Facility, Addendum' (Ref. 0222216), prepared by Extent Heritage Pty Ltd and dated 6 July 2023.	x	x
Unexpected Finds Protocol – Aboriginal Heritage	C28	In the event that surface disturbance identifies a new Aboriginal object: (a)all works must halt in the immediate area to prevent any further impacts to the object(s); (b)a suitably qualified archaeologist and the registered Aboriginal representatives must be contacted to determine the significance of the objects; (c)the site is to be registered in the Aboriginal Heritage Information Management System (AHIMS) which is managed by Heritage NSW under Department of Premier and Cabinet and the management outcome for the site included in the information provided to AHIMS; (d)the Applicant must consult with the Aboriginal community representatives, the archaeologists and Heritage NSW to develop and implement management strategies for all objects/sites; and (e)works may only recommence with the written approval of the Planning Secretary.	x	x
Unexpected Finds Protocol – Historic Heritage	C29	If any unexpected archaeological relics are uncovered during the work, then: (a)all works must cease immediately in that area and notice is to be given to Heritage NSW and the Planning Secretary; (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 (c)works may only recommence with the written approval of the Planning Secretary.	x	x
Waste Storage and Processing	C30	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.	x	x
	C31	All waste generated during construction must be assess, classified and managed in accordance with the Waste Classification Guidelines Part 1: Classifying Waste (EPA, 2014).	x	x
	C32	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.	x	x
	C33	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.	x	x
	C34	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.	x	x
Outdoor Lighting	C35	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.		x

Site Contamination	C36	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.	x	x
Independent Environmental Audit	C37	Independent Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements.	x	x
	C38	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.	x	x
	C39	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.	x	x
	C40	In accordance with the specific requirements in the Independent Audit Post Approval Requirements, the Applicant must: (a)review and respond to each Independent Audit Report prepared under condition C37 of this consent, or condition C39 where notice is given by the Planning Secretary; (b)submit the response to the Planning Secretary; and (c)make each Independent Audit Report, and response to it, publicly available within 60 days of submission to the Planning Secretary, unless otherwise agree by the Planning Secretary.	x	x
	C41	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.	x	x
Macquarie University Hospital Helipad Operations	C42	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.	x	x
	C43	The Applicant must ensure appropriate aviation standard obstacle lighting is provided on any construction crane/s during night time operations or in very low visibility weather, in accordance with the recommendations of 'Aviation Impact Assessment Report' (Revision 1.3), prepared by AviPro and dated 14 June 2023.	N/a - No Tower Cranes	

Heading	Condition	Description	Construction Certificate Stage		
			CC1	CC2	Operation
PART D - PRIOR TO COMMENCEMENT OF OPERATION					
Notification of Operation	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.			x
External Walls and Cladding	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.			x
	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.			x
Works as Executed Plans	D4	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.			x
Warm Water and Colling Systems	D5	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.			x
Outdoor Lighting	D6	Prior to the commencement of operation, the Applicant must submit evidence from a suitably qualified practitioner to the Certifier that demonstrates that installed lighting associated with the development achieves the objective of minimising light spillage to any adjoining or adjacent sensitive receivers and: (a)complies with the latest version of AS 4282-2019 - Control of the obtrusive effects of outdoor lighting (Standards Australia, 1997); and (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.			x
Mechanical Ventilation	D7	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: (a)AS 1668.2-2012 The use of air-conditioning in buildings – Mechanical ventilation in buildings and other relevant codes; and (b)any dispensation granted by Fire and Rescue NSW.			x
Operational Noise – Design of Mechanical Plant and Equipment	D8	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 B22 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 'RNA Pilot Research and Manufacturing Facility Noise and Vibration Impact Assessment' (Issue 8) prepared by Arup and dated 6 July 2023.			x
Fire Safety Certification	D9	Prior to commencement of occupation, a Fire Safety Certificate must be obtained for all the Essential Fire or Other Safety Measures forming part of this consent. A copy of the Fire Safety Certificate must be submitted to the relevant authority and Council. The Fire Safety Certificate must be prominently displayed in the building.			x
Structural Inspection Certificate	D10	Prior to the commencement of occupation of the relevant parts of any new or refurbished buildings, a Structural Inspection Certificate or a Compliance Certificate must be submitted to the Certifier.			x
Post-construction Dilapidation Report – Protection of Public Infrastructure	D11	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: (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 B5 of this consent; (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). (c)be submitted to the Certifier; (d)be forwarded to Council for information; and (e)be provided to the Planning Secretary within 48 hours when requested.			x
Repair of Public Infrastructure	D12	Unless the Applicant and the relevant public authority agree otherwise, the Applicant must: (a)repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out the construction works; and/or (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 (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.			x
Road Damage	D13	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.			x
Post-Construction Survey – Adjoining Properties	D14	Where a pre-construction survey has been undertaken in accordance with condition B7, 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: (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 B7; (b)be provided to the owner of the relevant buildings surveyed; (c)be provided to the Certifier; and (d)be provided to the Planning Secretary within 48 hours when requested.			x
	D15	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.			x
Car Parking Arrangements	D16	Prior to the commencement of any operation, or other timeframe agreed in writing by the Planning Secretary, evidence must be submitted to the Certifier that demonstrates that construction works associated with the provision of five new on-site car parking spaces outside the main building entry have been completed, and that the car parking facility is operational.			x

Bicycle Parking and End-of-Trip Facilities	D17	<p>Prior to the commencement of any 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:</p> <p>(a)the provision of a minimum seven bicycle parking spaces;</p> <p>(b)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;</p> <p>(c)the provision of end-of-trip facilities for staff; and</p> <p>(d)appropriate pedestrian and cyclist advisory signs are to be provided.</p> <p>Note: All works/regulatory signposting associated with the proposed development shall be at no cost to the relevant roads authority.</p>	xx
Workplace Travel Plan	D18	<p>Prior to the commencement of any operation, or other timeframe agreed in writing by the Planning Secretary, a Work Place Travel Plan (WPTP) for the RNA Pilot Research and Manufacturing Facility must be submitted to the Certifier to promote the use of active and sustainable transport modes, and a copy published on the Applicant's website within seven days after the Certifier accepts it. The WPTP must:</p> <p>(a)be prepared in consultation with TfNSW;</p> <p>(b)outline facilities and measures to promote public transport usage, such as car share schemes and employee incentives; and</p> <p>(c)describe pedestrian and bicycle linkages and end of trip facilities available on-site.</p>	x
	D19	<p>Prior to the commencement of any operation, or other timeframe agreed in writing by the Planning Secretary, the nominated employee(s) or representative of the health services facility responsible for implementing the WPTP and its ongoing review must be provided to Transport for NSW and made available on the Applicant's website within 14 days. If at any point the nominated person(s) subsequently changes, TfNSW must be notified and details must be updated on the Applicant's website within 14 days.</p>	x
Utilities and Services	D20	<p>Prior to the commencement of operation, an easement under section 88A and/or restriction or public positive covenant under section 88E of the Conveyancing Act 1919 naming the relevant electricity supply authority (Ausgrid) as the prescribed authority, which can only be revoked, varied or modified with the consent of the relevant electricity supply authority, and which provides for an easement enabling 24-hour access to the electricity substation, must be registered on title of Lot 70 DP 127681.</p>	x
	D21	<p>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.</p>	x
Stormwater Operation and Maintenance Plan	D22	<p>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:</p> <p>(a)maintenance schedule of all stormwater quality treatment devices;</p> <p>(b)record and reporting details;</p> <p>(c)relevant contact information; and</p> <p>(d)Work Health and Safety requirements.</p>	x
Signage	D23	<p>Prior to the commencement of operation, way-finding signage and signage identifying the location of staff car parking must be installed.</p>	x
	D24	<p>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.</p>	x
	D25	<p>Prior to the installation and display of any building identification signage within the approved signage zones, details of signage (design, content and illumination) are to be submitted to and approval obtained from the Planning Secretary.</p>	x
Operational Waste Management Plan	D26	<p>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:</p> <p>(a)detail the type and quantity of waste to be generated during operation of the development;</p> <p>(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);</p> <p>(c)detail the materials to be reused or recycled, either on or off site; and</p> <p>(d)include the Management and Mitigation Measures included in 'Waste Management Plan' (Rev 5), prepared by JBS&G and dated 21 July 2023.</p>	x
Landscaping	D27	<p>Prior to the commencement of operation, landscaping of the site must be completed in accordance with landscape plan(s) [listed in condition A2(d) and B25]</p>	x
	D28	<p>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 for approval. The plan must describe the ongoing monitoring and maintenance measures to manage revegetation and landscaping.</p>	x

Heading	Condition	Description	Construction Certificate Stage		
			CC1	CC2	Occupation
PART E - POST OCCUPANCY					
Operation of Plant and Equipment	E1	All plant and equipment used on site must be maintained in a proper and efficient condition operated in a proper and efficient manner.			x
Warm Water Systems and Cooling Systems	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.			x
Operational Noise Limits	E3	The Applicant must ensure that noise generated by operation of the development does not exceed the project noise trigger levels identified in 'RNA Pilot Research and Manufacturing Facility Noise and Vibration Impact Assessment' (Issue 8) prepared by Arup and dated 6 July 2023.			x
Unobstructed Driveways and Parking Areas	E4	All driveways, footways and parking areas must be unobstructed at all times. Driveways, footways and car spaces must not be used for the manufacture, storage or display of goods, materials, refuse, skips or any other equipment and must be used solely for vehicular and/or pedestrian access and for the parking of vehicles associated with the use of the premises.			x
Work Place Travel Plan	E5	The Work Place Travel Plan required by condition D18 of this consent must be updated annually and implemented unless otherwise agreed by the Planning Secretary.			x
Outdoor Lighting	E6	Notwithstanding condition D6, 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.			x
Landscaping	E7	The Applicant must maintain the landscaping and vegetation on the site in accordance with the approved Landscape Management Plan required by condition D28 for the duration of occupation of the development.			x
Hazards and Risks	E8	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.			x
	E9	In the event of an inconsistency between the requirements of condition E8(a) and E8(b), the most stringent requirement must prevail to the extent of the inconsistency.			x
Dangerous Goods	E10	The quantities of dangerous goods stored and handled at the site or transported to and from the site must be below the threshold quantities listed in the Department of Planning's Hazardous and Offensive Development Application Guidelines – Applying SEPP 33 at all times.			x
Discharge Limits	E11	The development must comply with section 120 of the POEO Act, which prohibits the pollution of waters.			x
Signage	E12	The lighting/illumination to be used in connection with approved signage including the LED screen must comply with the latest version of AS 4282-2019 - Control of the obtrusive effects of outdoor lighting.			x
Ecologically Sustainable Development	E13	Unless otherwise agreed by the Planning Secretary, within six months of commencement of operation the Certifier and Planning Secretary are to be provided with a report from the Applicant by a suitably qualified and experienced expert demonstrating that the project attains the minimum number of ESD points as required by condition B10 of this consent.			x