

Appendix 1 – Mitigation Measures

Dundas Public School upgrade

20th May 2025

Acknowledgement of Country

The NSW Department of Education acknowledges the traditional custodians of the land on which the Dundas Public School upgrade is proposed.

We pay our respects to their Elders past and present and celebrate the diversity of Aboriginal people and their ongoing cultures and connections to the lands and waters of Australia.

The NSW Department of Education is committed to honouring Aboriginal peoples' cultural and spiritual connections to the land, waters and seas and their rich contribution to society.

The NSW Department of Education recognises that by acknowledging our past, we are laying the groundwork for a future that embraces all Australians; a future based on mutual respect and shared responsibility.

1. Mitigation Measures

The mitigation measures in Table 1 have been grouped as either general mitigation measures or the relevant technical discipline (i.e., transport).

Table 1 identifies at which point of the process each mitigation is required to be undertaken:

- Prior to construction
- During construction
- Prior to operation
- During operation

Table 1: Mitigation Measures and Recommendations

ID	Measure	Timing
General		
General Measures		
G1	The activity must be carried out in accordance with the REF dated 20 May 2025 prepared by Gyde Consulting, in accordance with the approved plans, and generally in accordance with the supporting documentation except where a mitigation measure listed in Table 1 expressly requires otherwise.	Throughout the life of the activity
G2	Ongoing engagement is required to take place throughout the lifecycle of the project with all relevant First Nations people, including relevant groups, communities, and individuals who identify as Aboriginal and/or Torres Strait Islanders	Throughout the life of the activity
G3	A copy of the approved plans, Crown Certificate and the Terms of Approval/mitigation measures must be kept at an appropriate location on-site at all times and must be available for inspection on request	Throughout the life of the activity
G4	These Terms of Approval/mitigation measures, approved plans and supporting documents do not remove any obligation to obtain all other licences, permits, approvals and landowners consents from all relevant authorities and land owners as required under any other legislation. The terms and conditions of such licences, permits, approvals and permissions must be complied with at all times	Throughout the life of the activity
G5	Where a minor amendment to a plan or an amendment to a mitigation measure forming part of this REF determination to correct a typo is required, an amendment register for the REF must outline the proposed amendment, demonstrate the need for the proposed amendment and demonstrate why the proposed amendment is considered to be substantially the same as the approved REF. If amending a plan, the amendment register must also outline how the environmental impacts of the proposed amendment have already been considered and how it will reduce the overall environmental impact of the approved REF. Each amendment is required to be endorsed by a member of the DoE Statutory Planning team, the relevant DoE Project Director/Asset Manager and the Crown Certifier.	Throughout the life of the activity
G6	All relevant personnel, including contractors and their subcontractors must be made aware of these Terms of Approval/mitigation measures and the requirement to undertake	Throughout the life of the activity

ID	Measure	Timing
	the works as per these Terms of Approval/mitigation measures.	
G7	No works (including but not limited to construction works) are to occur within the vicinity of the playground in the southeastern corner of the site. This is to ensure that the consent for DA 979/98 (construction of playground equipment between the tennis/ netball court and the car park) is not contravened.	During construction and during operation
G8	A report from a suitably qualified professional is to be provided to the Crown Certifier to confirm compliance with the BCA. Any performance-based solutions are to be approved by the Crown Certifier prior to construction works commencing.	Prior to construction
G9	All works related to the activity must be designed and constructed to provide access and facilities for people with a disability in accordance with the EFSG (or provide evidence of EFSG departure approval by DoE), National Construction Code and the recommendations of the Accessibility Report.	Prior to construction
G10	A Crown Certificate under Section 6.28 of the <i>Environmental Planning and Assessment Act 1979</i> is to be obtained by a registered Certifier for any Crown Building work prior to any work commencing.	Prior to construction
G11	The relevant Project Lead and DoE's Post Approval and Compliance team must be notified as soon as practical when any non-compliance with a condition/mitigation measure is identified. The notification should identify the relevant works, set out the condition/mitigation measure that works are non-compliant with, the way in which it does not comply, any known reasons for the non-compliance and what actions have been, or will be undertaken, to address the non-compliance.	General
G12	All work must comply with the relevant Australian Standards	General
G13	Landowners consent must be obtained in writing from the relevant landowner or authority	Prior to construction on that land
G14	All complaints must be managed in accordance with DoE's Stakeholder and Community Participation Plan	General
G15	The Project Lead must submit a Status Report to the Post Approvals and Compliance Team demonstrating compliance with the Mitigation Measures upon completion of the works.	One week prior to the operation commencing
Construction Management		
<i>Construction Documentation Requirements</i>		
CONM1	<p>A Construction Environmental Management Plan (CEMP) is to be prepared and provided to the Crown Certifier. The CEMP must be prepared having regard to the Preliminary Construction Management Plan and the Environmental Management Plan Guideline for Construction Procurement (Edition 4) and is to include where relevant, but not limited to, the following:</p> <p>Details of:</p> <ul style="list-style-type: none"> • Hours of work; • 24-hour contact details of site manager; • Management of dust and odour; • Stormwater control and discharge; • Measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the site; • Any other specific environmental construction 	Prior to construction

ID	Measure	Timing
	<p>conditions/mitigation measures detailed in the REF;</p> <ul style="list-style-type: none"> Any requirements outlined in any relevant approvals, permits, licences or owners consents; and Community consultation and complaints handling. Aerial Site Plan showing the location of the works; Construction Traffic and Pedestrian Management Plan; Construction Noise and Vibration Management Plan; Construction Waste Management Plan (including details on contaminated waste); Construction Air Quality and Dust Management Plan; Construction Soil and Water Management Plan; Tree Protection Plan; Demolition Work Plan; Aboriginal/Non-Aboriginal Heritage Management Plan(s); Unexpected finds protocol for Aboriginal and non-Aboriginal heritage; Unexpected finds protocol for contamination; Emergency Management Plan; Any project specific mitigation measures; and Training of responsibilities/heritage site inductions under the <i>National Parks and Wildlife Act 1975</i>, <i>Heritage Act 1977</i> and any other relevant legislation, as relevant to the works. 	
CONM2	<p>The Construction Noise and Vibration Management Plan to be included in the CEMP required is to include (not limited to) the following conditions/mitigation measures:</p> <ul style="list-style-type: none"> All works will be in accordance with AS 2436-2010: Guide to Noise and Vibration Control on Construction, Demolition and Maintenance Sites; Building contractors are to implement the requirements of the Office of Environment Interim Construction Noise Guideline (July 2009) as far as practicable; Construction is to be carried out in accordance with the National Construction Code deemed-to-satisfy provisions with respect to noise transmission; All reasonable, practicable steps are to be undertaken to reduce noise and vibration from the site; Plant and equipment are to be maintained, checked and calibrated in accordance with the appropriate design requirements and to ensure that maximum sound power levels are not exceeded; Plant and equipment (where possible) are to be strategically positioned on site to reduce the emission of noise from the site to the surrounding area, users of the site and on site personnel; Unnecessary noise is to be avoided when carrying out manual operations and operating plant; Any equipment not used for extended periods is to be switched off; and <p>Additional project-specific mitigation measures are also to be included, as required.</p>	Prior to construction

ID	Measure	Timing
CONM3	<p>The Construction Waste Management Plan to be included in the CEMP is to be prepared in accordance with the Department of Environment and Climate Change (DECC) Waste Classification Guidelines (2008) and the <i>Protection of the Environment Operations Act 1997</i> and include (not limited to) the following conditions/mitigation measures:</p> <ul style="list-style-type: none"> • The work site is to be left tidy and rubbish free each day prior to leaving the site and at the completion of the works; • Non-recyclable waste and containers are to be regularly collected and disposed of at a licensed waste disposal site. Frequency of collection should be identified and records maintained; • No burning or burying of waste is permitted on the site; • Any bulk garbage bins delivered by authorised waste contractors are to be placed and kept within the site boundary; • No materials will be used in a manner that will pose a risk to public safety and waste generated from the works will be recycled wherever possible; • All loose material stockpiles are to be stored within the temporary construction compounds and are to be protected from possible erosion; • Unnecessary resource consumption will be avoided; • All soils and materials (liquid and solid) to be removed from the site must be analysed and classified by an appropriately qualified consultant in accordance with the <i>Protection of the Environment Operations (Waste) Regulation 2014</i> and related guidelines, in particular the NSW EPA Waste Classification Guidelines, prior to offsite disposal; and • All waste must be disposed of at an appropriately licensed waste facility suitable for the specific waste. Receipts for the disposal of the waste must be submitted to the SINSW Project Director within 14 days of the waste being disposed. 	Prior to construction
CONM4	All relevant personnel, including contractors and their subcontractors must be made aware of these mitigation measures and the associated Construction Management Plans and documentation approved in accordance with these mitigation measures and the requirement to undertake the works as per these mitigation measures.	Prior to and during construction
CONM5	Construction access and egress to the activity is to be provided via Calder Road. Heavy vehicle movement is also required to avoid school drop off and pick up times.	Prior to construction
CONM6	<p>The Construction Air Quality and Dust Management Plan to be included in the CEMP is to include (not limited to) the following conditions/mitigation measures: Spraying of paint and other materials with the potential to become air borne is only to be undertaken on days with still or light wind conditions to prevent drift;</p> <ul style="list-style-type: none"> • No burning of materials is permitted; • Dust generated during construction works is to be controlled to avoid impact on surrounding properties; • All necessary maintenance for construction vehicles and equipment is to be undertaken during the construction period/approved work hours; 	Prior to construction

ID	Measure	Timing
	<ul style="list-style-type: none"> Excessive use of vehicles and powered construction equipment is to be avoided; Exposed areas are to be progressively revegetated as soon as practical; Vehicle wash down areas are to be established on-site to ensure all mud and soil from construction vehicles is not carried onto public roads; All vehicles involved in any excavation and/or demolition and departing the site with demolition materials, spoil or loose matter must have their loads fully covered before entering the public roadway; and Vehicles, machinery and equipment will be maintained in accordance with manufacturer's specifications and meet the requirements of the <i>Protection of the Environment Operations Act 1997</i> and associated regulations. <p>Additional project-specific conditions/mitigation measures are also to be included, as required.</p>	
CONM7	<p>A Construction Pedestrian Traffic Management Plan (CPTMP) is to be finalised and approved by the Crown Certifier.</p> <p>The CPTMP is to be submitted to and approved by Council, as the relevant road authority (if deemed to be required by the Crown Certifier).</p> <p>This CPTMP is to include (but not be limited to) a site-specific safety management plan and ensure that</p> <ul style="list-style-type: none"> suitable pedestrian access is provided for both staff and students throughout the construction process as per Mitigation Measure TT4, including (but not limited to) pedestrians entering and exiting before and after school hours as part of the Out of School Hours (OOSH) care on site. Construction vehicle access to the site accords with Mitigation Measure CONM3, and Heavy vehicle access to the site is restricted as per Mitigation Measure TT2. 	Prior to construction
<i>Prior to works commencing on site</i>		
CONM8	<p>The following measures are to be undertaken on site before construction commences:</p> <ul style="list-style-type: none"> Construction site fencing is to be installed around the construction site. Construction vehicle and pedestrian access points to the construction site are to be clearly designated, signposted and controlled for authorised access only. The use and storage of hazardous materials and dangerous goods, including petroleum, distillate and other chemicals, shall be in accordance with the relevant legislation including, but not limited to: <ul style="list-style-type: none"> <i>Protection of the Environment Operations Act 1997</i>; <i>Work Health and Safety Regulation 2017</i>; AS 1940:2017 The Storage and Handling of Flammable and Combustible Liquids; and 	Prior to construction

ID	Measure	Timing
	<ul style="list-style-type: none"> • Safe Work NSW Code of Practice – Managing Risks of Hazardous Chemicals in the Workplace. • All materials must be wholly contained within the construction site. The requirements of the <i>Protection of the Environment Operations Act 1997</i> are to be complied with when placing and stockpiling construction and waste materials, when disposing of waste products and during any other works likely to pollute drains or watercourses. • Building operations such as brick cutting, mixing mortar and the washing of tools, paint brushes, form-work and concrete trucks shall be undertaken in the construction site in a location so as to prevent air, land or water pollution. • All equipment and machinery shall be secured to prevent against vandalism outside of construction hours. • A spill containment kit will be available at all times. All personnel will be made aware of the location of the kit and trained in its effective deployment. • No batching plant is permitted on the site. • A copy of the approved and certified plans, specifications and documentation shall be kept on site at all times and shall be available for perusal by any authorised officer of Council. • All contractors must meet all workplace safety legislation and requirements. • No vehicle maintenance is permitted in the construction areas except in emergencies. 	
CONM9	DoE's Post Approval and Compliance Team, the relevant local Council and the occupiers of any land within 20 metres of the site boundary must be notified in writing of the project. The notice must outline the works to be undertaken, the expected timing for commencement of, and completion of construction works. A minimum period of 48 hours notification prior to the commencement of any construction work must be given.	Prior to construction
CONM10	<p>Prior to the commencement of any construction work, a site notice board must be located at eye level at the entrance or other appropriate location at the site in a prominent position for the benefit of the community. The site notice must be displayed throughout the entire construction period, be A1 sized, durable, weatherproof and include the following information:</p> <ul style="list-style-type: none"> • 24-hour contact person for the site; • Telephone and email addresses; • Site works and timeframes; and • Details of where accessible project information can be sourced 	Prior to construction
CONM11	Prior to commencement of any construction work, a Complaints Register is to be developed to record the details of all complaints received and the means of resolution of those complaints. The Complaints Register shall be made available on request. On receiving a complaint, it is to be recorded and provided to the relevant SINSW Project Director and reviewed to determine whether issues relating to the complaint can be resolved, avoided or minimised. A response approved by the relevant SINSW Project Director shall be provided to the complainant within 14 days of receiving the complaint explaining	Prior to construction

ID	Measure	Timing
	what remedial actions (if any) were taken.	
CONM12	Prior to the commencement of any construction work, a Pre-Construction Dilapidation Report must be prepared by a suitably qualified expert and submitted to relevant asset/service infrastructure owners, the Crown Certifier and the relevant DoE Project Lead. The report must provide an accurate record of the existing condition of adjoining private properties that are likely to be impacted by the works (and that have agreed to an offer for a dilapidation survey), and assets/service infrastructure that is likely to be impacted by the works.	Prior to construction
<i>Site Management</i>		
CONM13	Erosion and sediment controls must be implemented in accordance with the Landcom/Department of Housing <i>Managing Urban Stormwater, Soils and Construction Guidelines</i> (Blue Book) prior to work commencing. The controls must be in place, inspected and managed until the works are complete, and all exposed erodible materials are stable. Inspection records must be kept and provided to the Post Approval and Compliance Team on request.	General
CONM14	Site to be secured and made safe from the public throughout the Works via the erection of a perimeter fence, including shade cloth hoarding attached to prevent unauthorised entry to the site.	During construction
CONM15	All materials must be wholly contained within the construction site. The requirements of the <i>Protection of the Environment Operations Act 1997</i> are to be complied with when placing and stockpiling construction and waste materials, when disposing of waste products and during any other works likely to pollute drains or watercourses.	During construction
CONM16	Building methods such as brick cutting, mixing mortar and the washing of tools, paint brushes, form-work and concrete trucks shall be undertaken in the construction site in a location so as to prevent air, land or water pollution.	During construction
CONM17	All equipment and machinery shall be secured to prevent vandalism outside of construction hours.	During construction
CONM18	Appropriate pedestrian access is to be provided to the school at all times. Signage is to be installed to assist in managing movement of all people.	During construction
<i>During construction</i>		
CONM19	<p>The undertaking of any construction work, including the entry and exiting of construction and delivery vehicles at the site, is restricted to the following standard work hours:</p> <ul style="list-style-type: none"> Monday to Friday inclusive: Between 7.00am to 6.00pm; Saturday: Between 8.00am to 1.00pm; and Sunday and Public Holidays: No work permitted. <p>Provided noise levels do not exceed the existing background noise level plus 5dB, works may also be undertaken during the following additional work hours:</p> <ul style="list-style-type: none"> Mondays to Friday inclusive: Between 6:00pm to 7:00pm; and Saturday: Between 1:00pm to 4:00pm. <p>Construction work may be undertaken outside of the standard</p>	During construction

ID	Measure	Timing
	<p>and additional work hours outlined above, but only if notification has been given to the occupiers of any land within a minimum of 80 metres of the site boundaries before undertaking the work or as soon as is practical afterwards, and only if it is strictly required:</p> <ul style="list-style-type: none"> • By the police or a public authority for the delivery of vehicles, plant or materials; or • In an emergency to avoid the loss of life, damage to property or to prevent environmental harm; or • Where the works are completely inaudible at the nearest sensitive receiver. • For the delivery, setup and removal of construction cranes, where notice of the crane related works is provided to Council and affected residents at least seven days prior to the works; or • Maintenance and repair of public infrastructure where disruption to essential services, required system conditions (such as low-flow conditions for sewers) and/or considerations of worker safety do not allow work within standard hours; or • Public infrastructure works where work outside the recommended standard hours is supported by the affected community to shorten the length of the project; and • where it is demonstrated and justified for the need to work outside the recommended construction hours. • Except in emergencies, these circumstances are not to be interpreted as endorsement for work outside the recommended standard hours and should be justified in each case. <p>Work schedule convenience or project expedience is not considered sufficient justification.</p> <p>Any departure from this Mitigation Measure must be immediately notified to the Post Approvals and Compliance Team.</p>	
CONM20	<p>To minimise loss of amenity, blasting is not permitted and the use of any rock excavation machinery, mechanical pile drivers, jack hammering or the like is restricted to the following hours:</p> <ul style="list-style-type: none"> • Monday to Friday inclusive: 9:00am to 12:00pm; • Monday to Friday inclusive: 2:00pm to 5:00pm; and • Saturday: 9:00am to 12:00pm. 	During construction
CONM21	<p>Should any groundwater be encountered during construction works, works are to cease immediately. Where groundwater needs to be removed, an approval will be required under the <i>Water Management Act 2000</i>. This will require an application for a water supply works approval to be submitted to the NSW Natural Resources Access Regulator (NRAR) for assessment and determination. Council is to be contacted to determine the appropriate measures for the management and disposal of the groundwater.</p>	During construction

ID	Measure	Timing
CONM22	<p>All erosion and sediment control measures are to be inspected:</p> <ul style="list-style-type: none"> at least daily (when work is occurring on site) or weekly (when work is not occurring on site); within 24 hours of expected rain; and within 18 hours of a rainfall event (i.e. an event of sufficient intensity and duration to mobilise sediment on site). <p>Drainage paths are to also be inspected to ensure the sediment fences are not being bypassed as a result of soil erosion.</p>	During construction
CONM23	Sediment laden run-off shall be prevented from entering neighbouring properties. This shall be achieved by landscaping disturbed areas immediately after and prior to a rainfall event.	During construction
CONM24	All construction vehicles entering and exiting the site will do so in a forward-facing manner, and with licensed traffic controllers.	During construction
CONM25	Upgrades to the site services and the new switchboard are to be undertaken during school holidays and/or after hours to minimise disruption to school operations.	During construction
CONM26	Any work outside the nominated construction zone is subject to approved Disruption Notification procedures.	During construction
CONM27	All contractors must meet all workplace safety legislation and requirements.	During construction
CONM28	No vehicle maintenance is permitted in the construction areas except in emergencies.	During construction
CONM29	The work site is to be left tidy and rubbish free each day prior to leaving the site and at the completion of works.	During construction
CONM30	All construction lighting shall not cause a nuisance to adjoining neighbours and comply with AS/NZS 4282:2019 Control of the Obtrusive Effects of Outdoor Lighting.	During construction
CONM31	<p>Vibration levels induced by demolition activities must be in accordance with the AS4236 – Guide to Noise and Vibration Control on Construction, Demolition and Maintenance Sites.</p> <p>The operation of plant and equipment must not give rise to the transmission of vibration nuisance or damage to other premises.</p> <p>Prior to commencement of vibration-generating activities, a specific vibration monitor must be set up either at the property boundary or nearest sensitive receiver to monitor and record the vibration levels affecting buildings on adjacent land using the Assessing Vibration: A Technical Guide (DECC, 2009).</p> <p>Any departures from this Mitigation Measure must be notified to the Post Approvals and Compliance Team.</p>	During construction
CONM32	<p>If the works involve an excavation that extends below the level of the base of the footings of a building, structure or work on adjoining land (including any structure or work within a road or rail corridor), under the advice of a suitably qualified engineer the works must:</p> <ol style="list-style-type: none"> Protect and support the building, structure or work from possible damage from the excavation, and Where necessary, underpin the building, structure or work to prevent any such damage. 	During construction
CONM33	Imported fill must be compatible with the existing soil characteristics of the site and limited to the following:	During construction

ID	Measure	Timing
	<p>(a) Virgin excavated natural material (VENM); and/or</p> <p>(b) Excavated natural material (ENM) certified as such in accordance with Protection of the Environment Operations (Waste) Regulation 2014; and/or</p> <p>(c) Material subject to a Waste Exemption under Clause 91 and Clause 92 of the Protection of the Environment Operations (Waste) Regulation 2014 and recognised by the NSW Environment Protection Authority as being “fit for purpose” with respect to the works under the REF.</p> <p>Certificates from a suitably qualified person/contractor proving that the imported fill material complies with these requirements must be provided to the relevant DoE Project Lead prior to filling works.</p>	
CONM34	Any imported mulch must comply with the Resource Recovery Order under Part 9, Clause 93 of the Protection of the Environment Operations (Waste) Regulation 2014 and the Mulch Order 2016 recognised by the NSW Environment Protection Authority as being “fit for purpose” with respect to the works under the REF. Mulch must not include physical or chemical contaminants and minimise harm to the environment through the introduction, spread or increase in any weed, disease or pest. A written statement provided by the supplier confirming compliance with the Resource Recovery Mulch Order 2016 is to be provided to the relevant DoE Project Lead prior to importing the mulch.	During Construction
CONM35	Building materials, machinery, vehicles, refuse, skip bins or the like must not be stored or placed in the public way (outside of any approved construction works zone) under any circumstances.	During Construction
CONM36	A Post-Construction Dilapidation Report must be prepared by a suitably qualified expert and submitted to Council, relevant asset/service infrastructure owners and the relevant DoE Project Lead. The report must determine whether the construction work has resulted in any structural damage to items assessed in the Pre-Construction Dilapidation Report. If the report determines that there is damage as a result of construction works the identified damage must be repaired or pay the full costs associated with repairing any damage within an agreed timeline between the owner of the identified property.	Prior to operation
Traffic, Access and Parking		
<i>Construction Traffic</i>		
TT1	<p>During the construction period, permits will be required for Park Road and Calder Road. In accordance with the Heavy Vehicle National Law (HVNL), any vehicles exceeding the general mass limits are mandated to obtain a permit prior to using these local roads.</p> <p>The construction work hours are as follows:</p> <ul style="list-style-type: none"> Monday – Friday: 7:00am to 5:00pm Saturday: 8:00am to 5:00pm Sunday & Public Holidays: <p>No work on Sunday or public holidays ,</p>	During Construction
TT2	No heavy vehicles are to enter or exit the site between 08:00-09:00 and 14:30-15:30.	During construction
<i>During construction</i>		

ID	Measure	Timing
TT3	The school principal must notify staff in writing about the use of the staff carpark for construction vehicles and management and to advise that they need to park on the street during the construction period.	Prior to construction
TT4	Suitable alternative pedestrian arrangements along Calder Road must be established which still permits pedestrian access to the school without interfering with construction works. Required informative signage and directional information must be provided in appropriate locations ensuring pedestrian safety. Where necessary, traffic control measures will be implemented.	Prior to construction
<i>Prior to Operation</i>		
TT5	Prior to the commencement of operations, a School Transport Plan must be prepared to the satisfaction of the DoE Transport Planning Team. If the school already has a School Transport Plan, the existing plan is to be reviewed and updated if necessary to reflect the impacts of the REF works, to the satisfaction of the DoE Transport Planning Team. A copy of the School Transport Plan is to be provided to the relevant DoE Project Lead for implementation during operations.	Prior to operation
Noise and Vibration		
<i>Mechanical Equipment Selection</i>		
NV1	The mechanical equipment should be selected such that the combined sound pressure levels at 1m do not exceed 71 dBA (and other levels listed in Section 6.2) as per the Noise and Vibration Report	Prior to Operation
<i>Construction Noise Barriers</i>		
NV2	Installation of a solid noise barrier to the nearby sensitive receivers as outlined in Section 7.2 as per the Noise and Vibration Report	During Construction
<i>Construction Noise Equipment On-Time Control</i>		
NV3	The on-time allowances as outlined in Section 7.2 are to be followed as per the Noise and Vibration Report.	During Construction
<i>Classroom Use Scheduling</i>		
NV4	Nearby classrooms are recommended to be scheduled to not be used during periods when particularly loud works occur as outlined in Section 7.2 as per the Noise and Vibration Report	During Construction
<i>Classroom Window Closing during Construction Hours</i>		
NV5	Nearby classrooms are recommended to have windows and doors closed when particularly loud works occur as outlined in Section 7.2 as per the Noise and Vibration Report.	During Construction
<i>Use of Low Energy Equipment</i>		
NV6	Where possible, lower energy equipment is recommended to limit noise and vibration emissions from construction works. This is particularly important for equipment like rock breakers and jackhammers (if required) close to the near affected residential receivers.	During Construction
NV7	Prior to the commencement of operations, it must be demonstrated by a suitably qualified acoustic engineer that noise associated with the operation of mechanical plant or machinery installed does not exceed the relevant project noise trigger levels	Prior to operation

ID	Measure	Timing
Arboricultural		
ARB1	A Project Arborist is to be engaged prior to construction commencing on site to oversee tree protection measures and ensure compliance	Prior to Construction
ARB2	The only trees which are permitted to be removed on site are those which are marked as 'tree removal required' the Arboricultural Impact Assessment	During Construction
ARB3	Trees not approved to be pruned or removed are to be protected and maintained in accordance with AS 4970-2009 Protection of Trees on Development Sites and are to remain in place until the completion of all construction work in the vicinity of the protected trees.	Before Construction
ARB4	Electrical trenching should be conducted manually within the TPZ area where possible and with conduits placed around large structural roots.	During construction
ARB5	Tree encroachment measures are to be managed and implemented on site as per the Arboricultural Impact Assessment and in accordance with AS 4970.	During construction
ARB6	No materials, waste storage and temporary services are to be located within the TPZ fenced area	During construction
ARB7	Should any works be required within any TPZ fenced area, then they must be supervised by the Project Arborist	During construction
ARB8	Any trees to be removed are to be replaced with a healthy advanced size specimen and supplied in accordance with AS2303: Tree Stock for Landscape Use (2015). The species and size is to be confirmed by the project Arborist prior to planting on site.	Prior to operation
Contamination and Hazardous Materials		
<i>Unexpected finds protocol</i>		
CONT1	<p>During construction works, should any contamination information or contaminants be identified which have the potential to alter previous site contamination assessments and recommendations, the relevant SINSW Project Lead must be immediately notified and works must cease in the location of the contamination. Works must not recommence until a suitably qualified contamination consultant has investigated the unexpected contamination and provided recommendations for the management of necessary remedial work required to render the site suitable for the activity in accordance with any relevant NSW EPIA adopted guidelines.</p> <p>A Completion Certificate from the contamination consultant shall be submitted to the relevant DoE Project Lead prior to construction works re-commencing. Following completion of the remediation through implementation of the recommendations from the suitably qualified contamination consultant, a Site Remediation and Validation Report is to be submitted to a NSW EPA-Accredited Site Auditor to confirm site suitability. A copy of the Site Remediation and Validation Report is also to be provided to the relevant DoE Project Lead and DoE Post Approval and Compliance team. A notice of completion of remediation work must also be given to Council in accordance with Section 4.14 and Section 4.15 of <i>State Environmental Planning Policy (Resilience and Hazards) 2021</i>.</p>	During Construction

ID	Measure	Timing
<i>Waste</i>		
CONT2	Soil waste generated by the activity must be disposed of in accordance with the <i>Protection of the Environment Operations Act 1997</i>	During Construction and During operation
CONT3	A final classification of waste in accordance with NSW EPA (2014) should be completed considering the minimum sampling densities for the volume of material, ensuring waste is disposed to suitably licenced facilities	During construction
Geotechnical		
GEO1	A report by a suitably qualified person is to be prepared and submitted to the Crown Certifier which confirms that the proposed building foundations comply with the recommendations as listed in the Geotechnical Report.	Prior to construction
GEO2	<p>Placement and compaction of engineered fill for supporting structure foundations shall comply (but not be limited to) the following requirements:</p> <ul style="list-style-type: none"> Engineered fill material shall be placed in layers of not more than 200mm loose thickness for compaction. Compaction of the engineered fill shall achieve a Standard Maximum Dry Density (SMDD) of a minimum 98% relative density and moisture condition to +2% of the Standard Optimum Moisture Content (SOMC) Earthworks are to be carried out under Level 1 Geotechnical Supervision in accordance with AS3798-2007 'Guidelines on Earthworks for Commercial and Residential Developments' 	During construction
Aboriginal Heritage		
<i>Aboriginal Community consultation</i>		
ABH1	Consultation with the Registered Aboriginal Parties (RAPs) is to continue throughout the duration of the site works. In accordance with the DECCW (2010c) guidelines, consultation of this project will be maintained via email to RAPs every 6 months.	During Construction
<i>Heritage Induction</i>		
ABH2	All site workers are to participate in a heritage induction detailing stop works procedure for unexpected finds within any overarching future site induction prior to undertaking any works on site.	Prior to construction
<i>Unexpected Finds Protocol</i>		
ABH3	An Unexpected Finds Protocol is to be prepared by a qualified archaeologist prior to construction works commencing. The Unexpected Finds Protocol is to remain in place for the duration of site redevelopment to mitigate and manage exposure of undocumented remains that may occur on the study site.	Prior to construction
<i>Head Contractor / Site Foreman</i>		
ABH4	The head contractor and/ or site foreman is responsible for ensuring the Unexpected Finds Protocol is adhered to during all excavation and construction works on site.	During construction phase
<i>Requirements for unexpected finds</i>		

ID	Measure	Timing
ABH5	If any unexpected Aboriginal objects, sites or places (or potential Aboriginal objects, site or places) are discovered during any construction work, all works in the vicinity must cease and the area must be appropriately protected. The DoE Heritage Team is to be notified and an archaeologist engaged to undertake a site inspection to assess the find in consultation with the Registered Aboriginal Parties (RAPs). Following the on-site assessment, the archaeologist and RAPs (if they attended the site) are to advise on whether further management, mitigation or approvals are required in consultation with the DoE Heritage Team. Should Aboriginal objects be identified, these are to be registered in the Aboriginal Heritage Information Management System (AHIMS). An Aboriginal Heritage Impact Permit (AHIP) would also need to be obtained to impact the site.	During construction
ABH6	If human remains are identified, work must cease and the area around where the remains are found must be protected from all disturbance. Finds are not to be displaced from the location where they are found. The DoE Heritage Team is to be notified and a specialist archaeologist engaged to assess the find. If human skeletal material less than 100 years old is discovered, the NSW Police are to be contacted in accordance with the <i>Coroners Act 2009</i> . Aboriginal burials (older than 100 years) are protected under the National Parks and Wildlife Act 1974 and should not be disturbed. Should the skeletal material prove to be archaeological Aboriginal remains, Heritage NSW and the Local Aboriginal Land Council must be notified. Notification should also be made to the Commonwealth Minister for the Environment, under the provisions of the <i>Aboriginal and Torres Strait Islander Heritage Protection Act 1984</i> .	During construction
Hydrology, stormwater and water quality		
Stormwater		
SW1	Field inlet grates, pits and underground pipes are to be inspected for blockage or damage at least 6 monthly or after significant rainfall event. The gross pollutant filter baskets within inlet pits and bioretention basin shall be inspected and maintained preferably by the manufacturer to avoid damage to units and to ensure adequate cleaning and record keeping.	During Operation
SW2	For the first 12 months routine inspections of treatment devices shall be carried out monthly with routine clean out at alternate months in accordance with the manufacturer's requirements and methodology. Results of the initial 12 months maintenance program shall be used to determine future maintenance intervals.	During operation
SW3	The operational stormwater management system must be designed by a suitably qualified civil engineer. The system must: (a) Ensure that the system capacity has been designed in accordance with the relevant Australian Standards; and (b) Ensure that the system has been designed in accordance with the Australian Rainfall and Runoff (Engineers Australia, 20016) and Managing Urban Stormwater: Council Handbook (EPA, 1997) Guidelines.	Prior to construction
SW4	Prior to the commencement of operations, a Stormwater Operation and Maintenance Plan is to be prepared and include the following: (a) Maintenance schedule of all stormwater quality	Prior to operation

ID	Measure	Timing
	treatment devices; (b) Record and reporting details; and (c) Work Health and Safety requirements. A copy of the Stormwater Operation and Maintenance Plan is also to be provided to the relevant DoE Project Lead for implementation.	
Flora and Fauna		
<i>Native Vegetation</i>		
ECO1	Pre-works briefings are to be undertaken by staff advising contractors or workers of areas of vegetation which will be retained.	Prior to and during construction
ECO2	Install temporary barrier fencing to prevent entry into vegetation to be retained and appropriate 'no-go zone' signage	Prior to and during construction
ECO3	The extent of works must be clearly pegged or marked out by a surveyor prior to vegetation removal.	Prior to and during construction
ECO4	Tree protection fencing is established around any proposed trees to be retained within the vicinity of the proposed buildings to be constructed and / or demolished	Prior to and during construction
<i>Potential threatened fauna habitat</i>		
ECO5	Pre-works briefings are to be undertaken by staff advising contractors or workers of sensitive areas and the relevant safeguards for each.	Prior to and during construction
ECO6	The extent of works must be clearly pegged or marked out by a surveyor prior to vegetation removal.	Prior to and during construction
<i>Loss of nesting habitat</i>		
ECO7	An ecologist must undertake a pre-clearance survey to inspect the hollow and be present during the removal of the <i>Eucalyptus Saligna</i> .	Prior to and during construction
ECO8	This tree should be removed using qualified tree climbers. Small sections of the tree and branches are to be cut in 2-3 m lengths and lowered for the ecologist to inspect.	Prior to and during construction
ECO9	Following the pre-clearance survey, nest boxes should be installed in the adjacent retained vegetation to replace hollows removed at a minimum ratio of 1:1 (i.e. one nest box for each hollow removed).	Prior to and during construction
ECO10	Boxes should be chosen to match the likely target species of each hollow. Boxes should be installed prior to construction to allow fauna to move/be relocated to nest boxes prior to removal of hollow-bearing trees and be maintained and monitored for 5 years.	Prior to and during construction
<i>Sediment and erosion control</i>		
ECO11	Avoid conducting works after or before any forecasted significant rainfall.	Prior to and during construction
ECO12	Soil and erosion control measures such as sediment fencing may be required prior to on-ground works. These are to be inspected regularly (weekly), and more frequently during rain periods to ensure structures are in proper working order.	Prior to and during construction

ID	Measure	Timing
<i>Spread of weeds and disease</i>		
ECO13	All equipment must be thoroughly cleaned of soil and weed propagules prior to entry into the study area and adjacent areas.	During Construction
ECO14	Any priority weeds potentially present within the study area should be removed using best management practices (including appropriate controls to prevent impacts to threatened species) prior to removal of native vegetation. Weed propagules are to be removed off site.	During Construction
ECO15	The use of chemical should be limited due to the indirect impacts to threatened fauna and native vegetation.	During Construction
<i>Revegetation</i>		
ECO16	Landscaping should include revegetation of native species which are consistent with local PCTs and provide flower foraging resources. This should include canopy and midstorey species.	During construction
ECO17	Reinstating connectivity features across the study area to facilitate movement of fauna species through the landscape.	During construction
ECO18	Landscaping at the site associated with the works must be maintained. This includes the undertaking of: <ul style="list-style-type: none"> (a) Mulching (b) Concrete/paving maintenance and replacement (c) Outdoor furniture maintenance and replacement (d) Turf replacement (e) Planting and tree replacement (f) Planting and tree maintenance (trimming) (g) Watering (h) Irrigation maintenance (i) Mowing (j) Spraying and pest treatment 	During operation
Waste Generation		
Construction Waste		
<i>Waste segregation</i>		
WAS1	Waste from the demolition and construction phases will be comingled in skip bins and recycled off-site. Ensure waste from the site is sent to a licensed waste contractor for processing. Where feasible, separate recyclable materials on-site (e.g., metals, concrete, timber) to facilitate direct delivery to a recycling facility.	During Construction
<i>Hazardous material management</i>		
WAS2	Identify and safely remove hazardous materials (e.g., asbestos, lead paint) in accordance with applicable regulations. Should an unexpected find of potential contamination be encountered during the works, the Unexpected Finds Protocol (see section Waste Management Strategies) should be followed.	During construction
<i>Waste Management Training</i>		
WAS3	Provide induction training for contractors and workers on the waste management plan, including procedures for material segregation and disposal.	During construction

ID	Measure	Timing
<i>Bin and Resource Allocation</i>		
WAS4	Provide designated and clearly labelled bins for recyclables, general waste, and hazardous materials where applicable at the site.	During Construction
<i>Periodic waste assessment</i>		
WAS5	Conduct periodic reviews of waste management practices to ensure compliance with recycling and disposal targets.	During Construction
Operational Waste		
<i>Waste Segregation Practices</i>		
WAS6	Ensure proper segregation of waste streams, including recyclables, organics, and general waste.	During Operation
<i>Bin Labelling and Placement</i>		
WAS7	Install clearly labelled recycling and general waste bins in accessible locations across the school.	During operation
<i>Staff and Student Training</i>		
WAS8	Provide training for staff and students on correct waste disposal and recycling practices.	During Operation
<i>Waste Monitoring and Reporting</i>		
WAS9	Regularly monitor waste volumes to ensure alignment with waste minimisation targets.	During Operation
<i>Compliance with Waste Targets</i>		
WAS10	Achieve a minimum diversion from landfill of 75% of total operational waste, in line with sustainability goals.	Prior to Operation
<i>Operational Waste Management Plan</i>		
WAS11	Ensure the preparation and approval of a final Operational Waste Management Plan by the Crown Certifier prior to the commencement of operation of the new school building. This Plan must outline how waste will be minimised, handled, stored and disposed of appropriately, in accordance with any relevant guidelines. A copy of the Operational Waste Management Plan is to be provided to the relevant DoE Project Lead for implementation during operations.	Prior to Operation
<i>Review of Operational Waste Management Plan</i>		
WAS12	Periodically review and update the Operational Waste Management Plan to ensure its effectiveness and alignment with evolving best practices and regulatory requirements.	Prior to Operation
Ecologically Sustainable Development		
ESD1	A process is to be established for the school within the Commissioning and Temporary Schools Program Reviews process to assist in advising, monitoring, and verifying the commissioning and tuning of the nominated building systems throughout the design, tender, construction, commissioning and tuning phases.	Prior to construction and prior to operation
ESD2	The school principal is to be provided all of the building information to facilitate operator and user understanding of all building systems, and their specific operation and maintenance requirements and/or environmental targets	Prior to operation
ESD3	The construction drawings prepared for the activity are to	Prior to

ID	Measure	Timing
	<p>confirm that the building complies with the minimum requirements of the NCC Section J and EFSG.</p> <p>The following reports are to be updated and finalised in association with the construction drawings:</p> <ul style="list-style-type: none"> • Preliminary Energy Modelling Assessment Letter • Preliminary Net Zero Statement by NDY dated 12 December 2024 <p>The updated reports are to be submitted to the Crown Certifier</p> <p>For enquiries on requirements please contact the DoE Sustainability Team on Sustainability.ESD@det.nsw.edu.au</p>	construction
ESD4	<p>The following is to be implemented on site prior to the activity commencing:</p> <ul style="list-style-type: none"> • High-efficiency water fixtures are to be installed within the building. • Adoption of minimum targets energy efficiency of appliances (air conditioners, TVs, fridges, computers) to make energy efficiency one of the selection requirements. Major appliances to be at least 0.5 stars above the average rating at the time of purchase • Best-practice lighting is to be provided to the new building to ensure flicker-free, high-quality lighting that accuracy addresses the perception of colour within the space. • All lighting designed and installed is to reduce light pollution of external lights, including compliance with AS4282, AS/NZS 1158 • On site testing is to occur to ensure that internal air pollutants have been reduced via selection of materials with low or no volatile organic compound (VOC) levels and low formaldehyde concentrations. 	Prior to operation
ESD5	<p>The Head Contractor has procurement practices in place to support disadvantaged groups gain employment opportunities, including:</p> <ul style="list-style-type: none"> • Procurement of all materials and labour will be in accordance with the NSW DoE Aboriginal Procurement Policy and NSW DoE Main Works 21 Preliminaries - Section 4.4 'Aboriginal Participation' • A project-specific Aboriginal Participation Plan will be developed to monitor and report on the minimum Aboriginal participation requirements. • At least 1.5% of the building's total contract value has been directed to generate employment opportunities for disadvantaged and under-represented groups. 	Prior to construction
ESD6	<p>The construction drawings are to confirm that all heat-rejection systems to be waterless to eliminate risk of Legionella (no cooling towers)</p>	Prior to construction
Site Services		
<i>Electrical</i>		

ID	Measure	Timing
SS1	Any approvals required through Endeavour Energy are required prior to works being undertaken on the existing substation	Prior to construction
SS2	Written approval from Endeavour Energy is to be provided which certifies that the works on the existing substation have been completed and to their satisfaction.	Prior to operation
<i>Sewer and Water</i>		
SS3	A Section 73 Compliance Certificate is required from Sydney Water	Prior to construction
SS4	Written approval from Sydney Water is to be provided which certifies that their works are completed and to their satisfaction	Prior to operation
<i>Emergency Lighting and Exit Signage</i>		
SS5	Emergency and Exit signage is to be provided as per the NCC and AS2293.1:2018 to ensure visibility is provided in an emergency for safe egress	Prior to and during operation
<i>Mechanical Metering</i>		
SS6	Mechanical metering and monitoring is to be provided as per the sustainability reports prepared as part of this REF	Prior to and during operation
<i>General</i>		
SS7	Written notice is to be provided to the relevant service providers advising of any assets that they are required to operate and maintain following the completion of construction works	Prior to operation
SS8	All services and utilities in the construction area must be appropriately disconnected and reconnected as required, in consultation with the relevant authorities to determine disconnection and reconnection requirements. Where services or utilities are found not to be adequate to support the works, appropriate augmentation must be undertaken, subject to obtaining any required approvals or permits.	Prior to and during construction
SS9	All operational plant and equipment must be maintained and operated in proper and efficient manner and in accordance with the user manual.	During operation