HANSENYUNCKEN

Construction Environmental Management Plan

Project: Newcastle High School Redevelopment

Job No: SN111

Rev: 2 | May 2024

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Hansen Yuncken would like to acknowledge the AWABAKAL people as the traditional custodians of the land where this project is located.

We honour elders; past, present and emerging whose knowledge and wisdom has and will ensure continuation of cultures and traditional practices.

EMP Preparation Checklist – Condition B13 & 14 – CEMP

Requirement	Plan Reference	Yes/No/Not Applicable
Document preparation and endorsement		
Has the EMP been prepared in consultation with all relevant stakeholders as per the requirements of the conditions of consent?	A.5 (CTPMSP), A.6 (CNVMSP), A.7 (CWMSP), A.8 (CSWMSP), A.9 (ACHMSP), A.10 (CHMSP) & Construction Flood Emergency Plan	Yes
Have the views of the relevant stakeholders been taken into consideration? Have appropriate amendments been made to the EMP and does the EMP clearly identify the location of any changes?	Section 5 mitigation strategies reflect sub-plans	Yes
Has the EMP been internally approved by an authorised representative of the proponent or contractor?	CEMP to be approved under Section 1.1	Yes
The EMP has been prepared in regards to the relevant guidelines, including but not limited to the Environmental Management Plan Guideline: Guideline for Infrastructure Projects (DPIE April 2020).	Section 4.4 Policy Objectives	Yes
Version and content		
Does the EMP describe the proponent's Environmental Management System (EMS) (if any), and identify how the EMP relates to other documents required by the conditions of consent?	Section 4.3 Appendix A.2	Yes
Does the EMP include the required general content and version control information?	Section 1.2 A.5 (CTPMSP), A.6 (CNVMSP), A.7 (CWMSP), A.8 (CSWMSP), A.9 (ACHMSP), A.10 (CHMSP) – Document Control sections in sub-	Yes
Does the EMP have an introduction that describes the project, scope of works, site location and any staging or timing considerations?	Sections 4.1, 4.2 & 4.2.1	Yes
Does the EMP reference the project description?	Sections 4.2 & 5.4 A.3 & A.14	Yes
Does the EMP reference a Community and Stakeholder Engagement Plan (or similar) or include community and stakeholder engagement actions (if required)?	Section 5.18	Yes

Requirement	Plan Reference	Yes/No/Not Applicable
Have all other relevant approvals been identified? Has appropriate information been provided regarding how each approval is relevant?	Section 1.1 A.5 (CTPMSP) & A.8 (CSWMSP)	Yes
Has the environmental management structure and responsibilities been included?	Sections 4.8 & 5.3	Yes
Does the EMP include processes for training of project personnel and identify how training and awareness needs will be identified?	Sections 4.4 & 5.1	Yes
Does the EMP clearly identify the relevant legal and compliance requirements that relate to the EMP?	Section 4.7.3 A.5 (CTPMSP), A.6 (CNVMSP), A.7 (CWMSP), A.8 (CSWMSP), A.9 (ACHMSP), A.10 (CHMSP) – Relevant compliance, legislative requirements, criterion, etc. identified in sub-plans	Yes
Does the EMP include all the conditions of consent to be addressed by the EMP and identify where in the EMP each requirement has been addressed?	Section 3	Yes
Have all relevant guidelines, policies and standards been identified, including details of how they are relevant?	Section 4.7.3 A.5 (CTPMSP), A.6 (CNVMSP), A.7 (CWMSP), A.8 (CSWMSP), A.9 (ACHMSP), A.10 (CHMSP) – Relevant guidelines, policies and standards identified in sub-plans	Yes
Is the process that will be adopted to identify and analyse the environmental risks included?	Sections 5.3 & 6	Yes
Have all the environmental management measures in the EIA been directly reproduced into the EMP?	Section 5 A.5 (CTPMSP), A.6 (CNVMSP), A.7 (CWMSP), A.8 (CSWMSP), A.9 (ACHMSP), A.10 (CHMSP) – Management/ mitigation measures outlined in sub-plans	Yes
Have any additional environmental management measures been included in the EMP?	Section 6	Yes
Have environmental management measures been written in committed language?	Section 5	Yes

Requirement	Plan Reference	Yes/No/Not Applicable
Have project environmental management measures, including hold points, been identified and included?	Section 4.9	Yes
Are relevant details of environmental monitoring that will be carried out included?	Section 5.5.2 & 5.12.5	Yes
Have the components of any environmental monitoring programs been incorporated?	A.5 (CTPMSP), A.6 (CNVMSP), A.7 (CWMSP), A.8 (CSWMSP), A.9 (ACHMSP), A.10 (CHMSP) – Monitoring, recording and reporting requirements outlined in sub-plans	Yes
Are environmental inspections included?	Section 6.2	Yes
Does the EMP document all relevant compliance monitoring and reporting requirements for the project?	Section 6.2.2	Yes
Does the EMP describe the types of plans or maps (such as environmental control maps) that will be used to assist with the management of environmental matters on site?	A.5 (CTPMSP), A.6 (CNVMSP), A.7 (CWMSP), A.8 (CSWMSP), A.9 (ACHMSP), A.10 (CHMSP) – Environmental control plans provided in sub-plans	Yes
Does the EMP list environmental management documents?	A.2, A.4, A.5 (CTPMSP), A.6 (CNVMSP), A.7 (CWMSP), A.8 (CSWMSP), A.9 (ACHMSP), A.10 (CHMSP), A.11, A.12 & A.15	Yes
Is an auditing program referenced?	Section 6.2	Yes
Does the EMP include the incident notification and reporting protocols that comply with the relevant conditions of consent?	Section 6	Yes
Does the EMP identify the project role/position that is responsible for deciding whether an occurrence is an incident?	Sections 4.8 & 6	Yes
Does the EMP describe a corrective and preventative action process that addresses the requirements?	Sections 6.2.1 & 6.2.2	Yes
Does the EMP include details of a review and revision process that complies with the requirements?	Sections 1 & 4.4	Yes

Contents

1 Document Information

1.1 Review & Approval

Position	Name	Sign	Date
Review			
Project Manager	Robert Petersen		
Site Manager	Chris Histon		
Contracts Administrator	Michael Pratt		
Contracts Administrator			
Project Engineer	Jordan Watters		
Project Engineer	Giuseppe Carlomagno		
Site Engineer			
Site Supervisor			
Site Supervisor			
Cadet			
HSE Coordinator			
Leading Hand			
Approval			
State HSE Manager			
Regional NSW Manager			

1.2 Change Information

Change Information			
Revision	**Description**	**Issued by**	**Issue date**
1	Project Commencement	JW	12/01/24
2	Revised subplans following DPHI review	JW	13/05/24

2 Definitions

The following definitions and abbreviations have been used in this Environmental Management Plan. Further definitions and abbreviations are provided in referenced procedures and plans.

BIM360 Field	Cloud based QHSE field management software application designed specifically for the construction industry.
EMP	Environmental Management Plan (this document)
EPA	State Environment Protection Authority
ESD	Ecologically Sustainable Development
HSE	Health, Safety & Environment
HY	Hansen Yuncken Pty Ltd
HYWAY	An information management platform developed by HY utilising Microsoft SharePoint
NC	Non-Conformance
NGER	National Greenhouse and Energy Reporting
NHSR	Newcastle High School Redevelopment
NVMP	Noise and Vibration Management Plan
OEH	Office of Environment and Heritage
PLN	HY Plan
PMP	Project Management Plan
POEO	The Protection of the Environment Operations Act
PROJ	Project Management
REO	Regional Environmental Officer
RMS	Roads and Maritime Services
S/C	Subcontract(s) or Subcontractor(s) as the context requires
Site Safety Supervisor	Site Manager
SSC	Site Safety Coordinator
SSO	Site Safety Advisor
Superintendent	APP
SWMS	Safe Work Method Statement
TMP	Traffic Management Plan

3 Compliance with SSD-41814831 Conditions

Condition ID	Requirement	Reference
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).	4.1
B14	Prior to commencement of construction and demolition of internal roadways, the Applicant must submit a Construction Environmental Management Plan (CEMP) to the Certifier and provide a copy to the Planning Secretary for information. The CEMP must include, but not be limited to, the following:	
B14(a)	(a) Details of:	
B14(a)(i)	(i) hours of work	4.2.1
B14 (a)(ii)	(ii) 24-hour contact details of site manager	4.2.2
B14 (a)(iii)	(iii) management of dust and odour to protect the amenity of the neighbourhood	5.7
B14 (a)(iv)	(iv) external lighting in compliance with AS 4282-2019 Control of the obtrusive effects of outdoor lighting	5.17 & A.13
B14 (a)(vi)	(v) community consultation and complaints handling as set out in the Community Communication Strategy required by condition B9	5.18
B14 (b)	(b) An unexpected finds protocol for contamination and associated communications procedure to ensure that potentially contaminated material is appropriately managed	5.11.8
B14 (c)	(c) An unexpected finds protocol for Aboriginal and non-Aboriginal heritage and associated communications procedure	5.11.8
B14 (d)	(i) Construction Traffic and Pedestrian Management Sub-Plan (see condition B15)	A.5
B14 (e)	(ii) Construction Noise and Vibration Management Sub-Plan (see condition B16)	A.6
B14 (f)	(iii) Construction Waste Management Sub-Plan (see condition B17)	A.7
B14 (g)	(iv) Construction Soil and Water Management Sub-Plan (see condition B18)	A.8
B14 (h)	(v) Aboriginal Cultural Heritage Management Sub-Plan (see condition B19)	A.9
B14 (i)	(vi) Cultural Heritage Management Sub-Plan (see condition B20)	A.10
B14 (j)	(vii) Construction Flood Emergency Management Plan (see condition B21)	A.11

For all SSD-41814831 Consent Conditions, refer to Appendix A.14

4 Commitment & Policy

4.1 Scope & Application

The Construction Environmental Management Plan (CEMP) has been developed to demonstrate that the proposed Works will be executed in accordance with legislated safety and environmental requirements with minimal inconvenience to stakeholders including neighbours and the general public.

Hansen Yuncken, appointed as Principal Contractor in accordance with NSW WHS legislation, complies with the requirements detailed in this Construction Environmental Management Plan, as well as the requirements of any other legislation or statutory bodies.

The proposed development includes the design and construction of a Core 21 Primary School inclusive of; learning spaces, ancillary & sport spaces, hall, library, administration facilities, canteen, special programs space and unique areas. It also includes the design and construction of a Stream 2 High School inclusive of; general and specialist learning spaces, ancillary & sport spaces, library, administration facilities, canteen, indoor multi-purpose court and outdoor landscaped areas.

A combination of offsite and onsite construction techniques will be used to deliver a high quality, future focused innovative, state of the art school. Meeting the current and future school and community needs whilst complying with the requirements as detailed in the Educational Facilities Standards and Guidelines (EFSG) and providing a high level of end user satisfaction.

This CEMP has been generated to satisfy the requirements of “ISO 14001:2015, Environmental management systems – Requirements with guidance for use” and the “NSW Government Environmental Management System Guidelines – 3rd edition”. It establishes guidelines and controls for all HY activities that may impact the surrounding environment for the duration of the works, including but not limited to, air, water, land, natural resource use & waste, flora & fauna, and their respective interrelationship. Furthermore, it has been designed to embrace the environmental management requirements, both in terms of the Contract and generally, to demonstrate HY as an environmentally responsible organisation to the broader community.

In preparing this CEMP Hansen Yuncken consider that the intent of the Environmental Management Plan Guideline: Guideline for Infrastructure Projects (DPIE April 2020) have been met.

4.2 Project Description

Newcastle High School Redevelopment is a live, heritage listed school site located on Awabakal Land in Hamilton South, Newcastle. The project provides major upgrades to the existing school infrastructure to support the growing population in the region. The project works include;

- Demolition of eight (8) buildings
- Services infrastructure upgrades
- Relocation of Building H

- Construction of a new three (3) storey learning hub on the southwestern corner of the campus, incorporating a new library, canteen, covered outdoor learning area (COLA), support learning unit, general learning spaces, hospitality teach spaces, and science labs
- Construction of a new multi-purpose facility on the north-eastern corner of the campus, incorporating a gymnasium, stage, fitness lab, flexible learning spaces, outdoor courts, and end-of-trip (EOT) facilities for staff.
- Internal refurbishment works within the administration building on Parkway Avenue to form a new student hub.
- Internal refurbishment of Building K to provide staff facilities
- New student entry from Parkway Avenue
- New sports courts, campus green and associated landscaping

The project will upgrade core facilities to Stream 9 to meet secondary catchment student demand to 2036. It will also upgrade the following core facilities to a Stream 12 (up to 2,040 Students) to support future student growth (either additional primary or secondary student increases):

• Library

• Multi-purpose Facility (Hall)

• Canteen

• Science Laboratories.

The provision of 71 PLS for up to 1,420 students with 37 new PLS, eight (8) SLS with five (5) new SLS and the ability to support a realignment of catchment boundaries to re-direct demand from Merewether Heights PS from Kotara HS to NHS.

Figure 1 Site Layout Plan

Figure 2 Site Location Plan

4.2.1 Hours of Work

The proposed hours of work for the project are as follows:

- Between 7am and 6pm, Mondays to Fridays inclusive; and
- Between 8am and 1pm, Saturdays.
- No work may be carried out on Sundays or public holidays.

The proposed hours align to Condition C4 of SSD-41814831.

The proposed restricted hours of work for the project, provided that noise levels do not exceed the existing background noise level plus 5dB, which aligns with Condition C5 of SSD-41814831., are as follows:

- Between 6pm and 7pm, Mondays to Fridays inclusive; and
- Between 1pm and 4pm, Saturdays.

The proposed hours of work for the project for specific construction activities such as rock breaking, rock hammering, sheet piling, pile driving and similar activities, which align to Condition C8 of SSD-41814831., are as follows:

- Between 9am to 12pm and 2pm to 5pm, Monday to Friday; and
- Between 9am to 12pm, Saturday

As per Condition C6 of SSD-41814831., Construction activities may be undertaken outside of the hours outlined in Conditions 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 the Planning Secretary and 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.

4.2.2 24 Hour Contact Details

The 24-hour contact details for the project is as follows:

Robert Petersen (Project Manager)

M: 0431 500 923

RPetersen@hansenyuncken.com.au

4.3 CEMP Interrelationship with PMP

This CEMP forms part of Hansen Yuncken's Environmental Management and interfaces with the company's Quality & WHS Management Systems. Furthermore, this CEMP is an integral part of Newcastle High School Redevelopment PMP. The following plans referenced within this CEMP form part of the overall PMP for the project and contribute to the environmental management procedures:

- **Project Site Induction** – Ensures all workers onsite are aware of the Environmental Management Plan & also trains all workers onsite on the requirements for controlling: dust & windblown debris, dirt & debris on public roads, protection of stormwater drains, tool & equipment washout, chemical spills, noise disturbance, waste collection & disposal, rubbish & food scraps & excess concrete.
- **Project HSE Risk Assessment** – Identifies what subcontractor onsite are impacted by or the risk of; air quality/dust, archaeology & cultural heritage, chemical spill, flora & fauna, littering, noise disturbance, stormwater contamination & watercourse pollution each month. This will be monitored through task observations scheduled for each month.
- **Noise & Vibration Management Plan** – Identifies mitigation methods to minimise the risk of noise & vibration to the workers onsite and the surrounding properties.
- **Traffic Management Plan** – Summarises how construction and pedestrian traffic will be managed on the project to minimise the impact on the existing facility and the neighbours surrounding to the project.
- **Site Layout Plan** – Identifies the location of sediment controls, access routes, truck washout, location of site bins, spill kits, concrete washout.

- **Emergency Response Plan** – Outlines the process to manage the following environmental emergencies; asbestos exposure, water pollution, fire, major fuel spill & chemical spill
- **Audit Management Plan** – Describes the frequency of internal and external environmental audits and the process for closing out any non-conformances raised.

4.4 Policy & Objectives

The HY Environmental Policy Statement provides the framework for the development of this CEMP (refer appendix A.1), and details the company's commitment to "*providing a high quality environment, which meets the requirements and expectations of; Clients, Statutory Authorities, Employees and Community Groups*", through the application of "*sustainable development principles, to continually improve environmental performance in minimising impact on, and pollution of, the environment during the construction process"*.

The objective of the Construction Environmental Management Plan is to:

- Provide a CEMP in accordance with the relevant guidelines, inclusive of but not limited to the Environmental Management Plan Guideline: Guideline for Infrastructure Projects (DPIE April 2020).
- Satisfy Client requirements related to environmental performance, set out in the Specification for the Works.
- Incorporate and provide mitigation strategies for environmental issues arising from site activities and as detailed in the Newcastle High School Redevelopment SSD-41814831 Environmental impact statement prepared by Gyde
- Encourage best practice environmental management through planning, commitment and continuous improvement;
- Prevent and minimize adverse impacts on the environment;
- Identify the potential for, and respond to, environmental incidents and emergency situations and take corrective actions;
- Identify and control possible environmental hazards with the works and HY activities;
- Identify and protect any special environmental characteristics of the site including cultural heritage significance;
- Define roles and responsibilities and allocate the necessary resources
- Ensure environmental training and awareness programmes are provided to employees and subcontractors;
- Establish mechanisms to monitor, evaluate and report progress.

The HY Environment Policy commits the company to achieve the following goals:

- Develop and promote a culture of environmental leadership, responsibility and continual improvement across the HY business;
- Audit, monitor and ensure compliance with environmental legislative and regulatory obligations and other environmental commitments;
- Utilise the resources of HY to lead the way in defining and achieving best environmental practice; and

- Advance and disseminate environmental knowledge and applied environmental management through training, research and engagement with the wider community

A copy of the Environment Policy is contained within the PMP and displayed at the project / site office and induction sheds. HY recognises this implementation will involve effective training of personnel to ensure they fully understand their responsibilities to comply with and monitor the management system. In addition, all site workers are consulted on HY environmental policies & procedures through the following mechanisms: site induction, notice board, site inspections, prestart meetings, subcontractor meetings, team meetings, toolbox talks.

4.5 Targets

4.5.1 Objective: Reduce waste

KPI: Waste minimisation and recycling

Target: Recycle > 80% of construction waste

Responsibility: HY Site Manager

4.5.2 Objective: Comply with all environmental legislation

KPI: Number of identified breaches of State or Commonwealth Environmental legislation

Target: Nil for duration of project.

Responsibility: HY & Subcontractors

4.5.3 Objective: Minimise impacts on the environment

KPI: Number of significant environmental incidents causing serious harm to the environment

Target: Nil for duration of project.

Responsibility: HY & Subcontractors

4.5.4 Objective: Conduct environmental site inspections to validate environmental conformance

KPI: Schedule and undertake regular site inspections

Target: > 90% of scheduled HSE inspections

Responsibility: HY Site Manager

4.5.5 Objective: Minimise and manage environmental complaints

KPI: Consult with impacted neighbours and promptly address all complaints

Target: ≤ 1 complaint per significant construction milestone

Responsibility: HY Site Manager

4.6 ESD Vision & Principles

The project provides an opportunity for HY to expand its practical and theoretical knowledge of ESD to a level that is considered 'best practice' status.

As such, the ESD vision and principles for HY involves:

- Identification and prioritisation of environmental risk based on AS/NZS ISO 31000:2009 and Guidelines HB158:2010, using qualitative likelihood vs. consequence methods.
- Development of management systems which build knowledge and capacity on environmental issues, principles and sustainable behaviours including training and communication.
- Reduced energy and water consumption as well as waste minimisation during the construction process.
- Environmental training and management of trade contractor's activities to ensure that the project ESD objectives are obtained.
- Efficient and effective use of natural resources in a way that maintains the ecological processes on which life depends
- Sustainable use of renewable energy resources.

4.7 Environmental Planning

In accordance with the contractual requirements, applicable legislation, and in keeping with proper environmental practices, Hansen Yuncken has instituted a methodology which is reflective of observes the requirement, as set out in ISO 14001:2015.

4.7.1 Environmental Aspects & Impact

All activities related to the Newcastle High School Redevelopment, which are enacted by or on behalf of Hansen Yuncken, are identified in the "Project HSE Risk Assessment" (attached in the PMP as Appendix 7). For each activity the environmental aspects and associated actual and potential impacts are identified as they relate to the following environmental elements:

- Location and Land Use;
- Noise & Vibration;
- Traffic and Access;
- Air Quality;
- Soils, Erosion and Water Quality;

- Terrestrial Flora and Fauna;
- Cultural Heritage;
- Site Contamination; and
- Waste Management.

Environmental impacts are detailed in the "**Project HSE Risk Assessment**" and assessed for significance by using the Risk Matrix. Each identified potential impact is rated (Risk rating) in relation to its predicted likelihood and consequence. Environmental Impacts as applicable to the Newcastle High School Redevelopment are summarised in this EMP "Environmental Risk Register" (Section 4.3).

4.7.2 WORK METHOD STATEMENTS

For each activity rated as a significant risk (i.e. Risk class >M/Medium) to the environment, a further Risk assessment is undertaken and any additional controls identified in a Work Method Statement, detailing the; steps involved, hazards, control measures and persons responsible. Furthermore, a Tool Box Talk will be completed, involving all workers responsible for completing the "Significant Risk" activity.

4.7.3 Legal Compliance and Other Requirements

Hansen Yuncken has developed a procedure ("*Legislation Standards and Codes of Practice*"), available on HYWAY to identify legal and other requirements that are applicable to the Newcastle High School Redevelopment and to ensure the accessibility of the information. The procedure shall be referenced and is applicable to those activities and functions that have the potential to interact with the environment.

Furthermore (URL) links are supplied on HYWAY to regulatory body websites and relevant NSW legislation relevant to environmental Aspects and management of the same.

5 Implementation

5.1 Environmental Awareness

All HY and S/C employees shall receive an induction into the project in accordance with the Site Induction procedure including completing the Site Induction Record Form (FM-CORP-HSE-001).

The induction shall include the requirements for the conduct of activities which have the potential for significant environmental impacts on the project which shall be outlined in the project specific Site Induction Handbook.

This document applies to all HY and S/C employees, environmental awareness is the responsibility of every person working on and associated with the project.

5.2 Environmental Impacts of Subcontractor Activities

The environmental impacts of subcontractor activities shall be assessed during the S/C pre-award meeting in accordance with pre-award meeting procedure and the project HSE risk assessment.

5.3 Environmental Risk Register

Environmental Risk Register Summary & Responsibilities		
Environmental Issue	Risk to Project	Responsible Personnel
Location & Land use Residential properties may be impacted with construction works due to construction noise and dust	Medium	PM, SM
Noise & Vibration Construction of the development may result in short term impacts during the project due to the use of heavy machinery and plant as well as construction personnel and vehicle movements.	Medium	PM, SM
Traffic & Access During the 80 weeks of construction there will be impacts on the existing facility and the public roads surrounding the project from construction vehicles and deliveries for site.	Medium	PM, SM

Environmental Risk Register Summary & Responsibilities		
Air Quality During the earthworks, stage of the project there is a risk of poor air quality generated by the constructions works.	Low	PM, SM, S/C
Soils, Erosion, & Water Quality There is a risk of water pollution from the construction works caused by wind or water movement causing sediment and other materials leaving site.	Low	PM, SM, S/C
Terrestrial Flora & Fauna The removal of trees during construction works poses minimal risk to landscaped species throughout the area.	Low	PM, SM
Cultural Heritage It is unlikely that construction works will impact any undisturbed aboriginal artefacts due to the construction zone being in an existing site.	Medium	PM, SM
Site Contamination There is a risk of contamination based on testing conducted prior to construction works commencing (There is a risk of unexpected finds being an existing site).	Medium	PM, SM
Waste Management The risk of the constructions works waste management is low/medium pending the results of existing materials onsite.	Low	PM, SM
Visual There are no risks during construction.	Nil	
Socio-Economic There are no risks during construction.	Nil	

PM - Project Manager, SM - Site Manager, FM - Foreman, S/C – Subcontractor, PCA - Private Certifier

5.4 Location and Land Use

5.4.1 Site Location

The site is identified as 25A National Park Street, Hamilton South; it is located within the Newcastle Local Government Area. Three separate allotments make up the extent of the school site. The real property description is; Lot 1, DP 150725; Lot 1, DP 575171 and Lot 1; DP 794827. The site is zoned R2 low density residential.

5.4.2 Likely Impacts

The construction works will be medium term in nature and will not interfere with the current use of the site as a school. All construction activities will be carried out with due diligence, duty of care and best management practices.

Given the location of residential properties in close proximity to the works area and the live school environment, some impacts associated with construction traffic, noise and dust are likely to affect adjacent residents and the school. These likely impacts will be addressed below.

5.4.3 Mitigation Strategies

- The neighbouring landowners are to be consulted in regards to the construction works, predicted program and any access requirements.
- Land disturbance during construction is to be limited to that required to undertake the construction works
- Construction works to be undertaken in consideration of adjacent vegetation
- Areas disturbed during construction to be returned to the pre-construction condition.

5.5 Noise and Vibration

5.5.1 Likely Impacts

Construction of the proposed development will result in short term noise impacts during the 80-week construction period. The predicted noise levels modelled show that the most stringent noise criterion (night time criterion) will be met with the implementation of the proposed mitigation measures for external mechanical plant and units (Chillers, exhaust fans, etc.).

Noise and vibration is to be limited during school exam days as directed by the Principal.

A minor amount of noise impact associated with traffic is expected to residential houses and the school.

5.5.2 Mitigation Strategies

- Site construction noise will be managed in accordance Noise and Vibration Management Sub-Plan (NVMSP) developed for this project. The NVMSP is based on the proposed construction methodology, activities, durations and equipment type and numbers.
- Keep the community informed in relation to noise intensive activities in the immediate area.
- Provide consultation where prolonged or consecutive periods of construction works are planned.
- Construction activities shall be restricted to the normal EPA specified daytime construction hours (i.e. 7am to 6pm Monday to Friday, 8am to 1pm Saturday, no work on Sunday or public holidays). If

it were deemed necessary to undertake work outside these hours, prior approval would be sought from the Council.

- Any noise complaint received will be investigated as soon as practicable. Any practicable and feasible measures to minimise noise will be identified and implemented if required.
- All possible steps to be taken to silence construction equipment where possible.
- Optimum siting of work areas, vehicle and plant parking areas, materials stockpiles and equipment storage areas in locations where potential acoustical impacts will be minimised.
- All plant and machinery used for the project shall be well maintained.

5.6 Traffic & Access

5.6.1 Likely Impacts

Construction of new site facilities will occur over the duration of the build with some increase in traffic in the local area expected. Construction workers will be instructed not to park in areas immediately adjacent to the Occupied Premises, particularly in areas utilised picking up and dropping off of students, and within the adjacent residential areas.

The construction workforce would vary according to the work being carried out, the construction method and contractor's program. The increased traffic is not predicted to have an impact on local traffic flow and only a minor inconvenience to local road users is expected. Whilst construction works may cause some inconvenience to local residents, any impacts would be minor, localised and short-term.

Construction vehicle routes have been developed with the aim to provide the shortest distances to/ from the Regional and State Road network, whilst minimising the impact of construction traffic on the local streets in the immediate vicinity. Alternative routes would not be used without specific prior approval from the relevant authorities. No trucks will be permitted to layover on approach to the construction sites without formal prior approval. There will be two (2) site compounds to allow completion of works, access to the compounds is anticipated to be by National Park Street and Smith Street via the Pacific Highway, Stewart Avenue.

All construction vehicle movements are to be limited during the school drop-off, 8:30am to 9:30am, and pick-up, 2:30pm to 3:30pm, times.

There is the potential that construction traffic travelling on the access road within the subject site could result in degradation of the road condition. Due to the minor nature of the works the additional traffic load is unlikely to impose any significant additional load upon the existing road network within the site. A Construction Traffic Management Sub-Plan will be developed and form part of the Construction Environmental Management Plan required by the Council's SSD conditions.

5.6.2 Mitigation Strategies

- Prepare a Traffic Management Plan (TMP) based on the detailed construction methodology and use of specific heavy vehicles and construction plant. The Traffic Management Plan is to include measures to minimise traffic impacts ensure public safety and is to be prepared in accordance with:

  - Traffic Control at Work Sites Manual (Transport for NSW 2020)
  - Australian Standard 1742.3 - 2002 Traffic Control Devices for Works on Roads.
- The TMP will be developed in consultation with NSW Roads & Maritime Services (RMS) and Newcastle City Council.
- The TMP will detail hours of operation, heavy vehicle volumes (numbers) and routes, construction staff parking, loading / unloading areas and site access arrangements, all temporary warning, guidance and information signage, and appropriate traffic control devices
- Notify surrounding land owners at least one week in advance of the works
- All vehicles accessing the sites will use the designated access roads
- All roads will be kept clean and free of dust and mud. Where material is tracked onto sealed road, it will be removed so that road pavements are kept safe and trafficable
- All vehicles transporting spoil onsite will be covered and filled to maximum capacity to minimise vehicle movements as required
- All roads, kerbs, gutters and footpaths damaged as a result of construction are to be restored to their pre-construction condition. A dilapidation report will be carried prior to construction
- A dedicated vehicle wash-down area will be established on site
- All traffic shall comply with all applicable traffic laws and regulations including speed limits. All construction vehicles shall comply with the speed limits set for the roads accessing the site

5.7 Air Quality & Dust Control

5.7.1 Likely Impacts

The main impact to air quality during construction is expected to arise from the generation of airborne localised dust associated with demolition and earthworks. Given the close proximity to of neighbouring properties and existing buildings, there is the potential for impact by dust, particularly during windy conditions.

5.7.2 Mitigation Strategies

- Construction vehicles and equipment to be suitably serviced prior to commencement of construction activities and all necessary maintenance to be undertaken during the construction period to meet EPA air quality requirements.
- Excessive use of vehicles and powered construction equipment will be minimised where possible
- All construction machinery will be turned off when not in use to minimise emissions where possible.
- Construction contractors to monitor dust generation progressively.
- Dust suppression methods including the use of water carts will be adopted where required (i.e. on windy days when earthworks and vehicle movements are generating dust).
- Any stockpiled spoil/fill will be protected to minimise dust generation to avoid sediment moving offsite.
- Vehicles transporting spoil from the site to be covered where required.
- The burning of waste materials will not be permitted on site

5.8 Soil, Erosion & Water Quality

5.8.1 Likely Impacts

Earthworks and general ground disturbances associated with the site works may result in sediment and other materials leaving the site via wind or water movement. This may have the potential to result in the water pollution such as turbidity and nutrient inputs, should sediment wash into stormwater or natural drainage lines.

Aspects of the site identified as potentially impacting on water quality includes:

- Excavation for foundations and site levelling;
- Stockpiling and transportation of excess spoil; and
- General construction waste entering drainage lines

5.8.2 Mitigation Strategies

- Construction is to be undertaken in accordance with the Erosion and Sediment Control Plan.
- All erosion and sediment control devices shall be properly maintained for the duration of the work. All structures are to be inspected after rain events and sediment to be removed
- Any temporary stockpiles should be stabilised using sediment fencing or similar.
- All fuels and other hazardous liquids shall be stored at designated construction compounds
- All chemicals used for construction shall be stored and used in accordance with the relevant Safety Data Sheets.
- An emergency spill kit shall be kept at the construction compound.
- Workers are to be made aware of the provisions of Section 120 of the POEO Act with regards to water pollution
- Notification to the EPA in accordance with Part 5.7 of the POEO Act is to be undertaken where a pollution incident occurs
- All construction vehicles and equipment are to be maintained in designated areas away from watercourses
- Construction vehicles shall be appropriately cleaned of any soil or mud prior to leaving each works site at dedicated wash down bays
- “Clean” stormwater shall be diverted around the site where possible
- All existing stormwater pits and drains subject to HY construction works will be silt protected with geo-fabric and/or granular socks. Drains will be monitored and maintained by HY
- Stockpiles to be established at HY approved locations
- Sediment fences shall be installed at required locations at the perimeter of the site
- Stormwater shall be diverted to retention basins
- The location and details of permanent controls shall be included on the Site Layout Plan
- Erosion and sediment controls shall be inspected as part of the Site HSE Inspection

5.9 Terrestrial Flora and Fauna

5.9.1 Likely Impacts

The majority of the redevelopment is to be completed within the existing footprint of the project. In accordance with the Aboricultural Impact Statement prepared by Joseph Pidutti Consulting Aborist, 94 trees will be removed as a part of the construction works. Of the 94 trees that have been identified for removal, 72 trees have been assessed as having a low or very low retention value. A total of 183 trees are proposed to be protected and retained. Pursuant to schedule 5 of the NLEP 2012, Newcastle High School is a listed local heritage item. Based on their age, size and prominence, it is assumed that Trees No. 1 to 15, 117, 118, 160, 161, 164 to 166, and 248 to 251 may have a historical association with the site. All trees that are assumed to maintain historical association with the site are proposed to be retained.

The site contains 12 trees of a species identified in the Environmental Protection and Biodiversity Conservation Act 1999 (EPBC Act) list of Threatened Flora and Fauna, including Tree No. 83, to 86, 88, 89, 91, 92, 94, 95, 108, and 155. Of the 12 trees identified, one (1) is proposed to be removed to facilitate the proposed development, Tree No. 108.

Tree No. 108 is a Magenta Lilly Pilly (Syzygium paniculatum), a species identified EPBC Act list of Threatened Flora and Fauna. The tree's TPZ will likely be impacted during demolition of 'Building P' and construction of a new pedestrian path. The AIA identifies that due to its age and size, the tree has been recently planted, is not considered a remnant species of the area, and its removal would not significantly impact on the vulnerability of the species.

The site is not a biodiversity certified land and is not likely to have any significant impact on biodiversity values. The Biodiversity Development Assessment SSD requirement has been waived by the DPE, see BDAR Waiver.

5.9.2 Mitigation Strategies

- No vegetation removal or modification is to occur beyond the proposed works areas shown on the plans.
- Fireweed should be removed site prior to commencement of earth works
- Carry out landscaping in accordance with the landscape design
- Any areas of significant flora and fauna value which have been identified on the construction site will remain bunted/ flagged during construction.
- If any additional species are encountered the Site Manager shall arrange for works to be ceased in the area and contact the Superintendent for further directions.

5.10 Archaeology & Cultural Heritage

5.10.1 Likely Impacts

The site is an item of local environmental heritage and listed under Schedule 5 of the Newcastle Local Environmental Plan 2012. The southern portion of the site is also located within the Hamilton South Garden Suburb conservation area.

A portion of the site is located within the Hamilton South 'Garden Suburb' Heritage Conservation Area (HCA). The HCA is significant to the local community for the surviving evidence of an early 20th Century subdivision pattern made up of single dwellings on large 'suburban' style allotments generally over 600m2. The area has associational significance with the eminent Australian architect Sir John Sulman.

The SOHI identifies a number of trees as possible heritage trees and other trees have been categorised as being of high retention value if maintained in their existing groups. The 'possible heritage trees' are mature age 'Hills Weeping Figs', 'Norfolk Island Pines', and 'Small-Leaf Figs'. The high retention value trees are typically 'Brush Box', 'London Plane Trees', 'Angophoras' and 'Sydney Blue Gums'.

All works on existing buildings and structures will be managed in accordance with the relevant Cultural Heritage Impact Assessment.

The proposed multi-purpose facility is located within the area archaeological resource NEC AS 1. The ACHA quantifies its impact as follows:

- NEC AS 1 is 4,500m2 in area.
- The multi-purpose facility would adversely affect 1,000m2 and the new sports courts 875m2.
- A total area of 1,225 - 2,625m2 (>40%) would be unaffected and subject to future conservation.

5.10.2 Mitigation Strategies

- All workers (including contractors) should be made aware that it is illegal to harm an Aboriginal object or historic relics, and if a potential Aboriginal object or historic relic is encountered during activities, then all work at the site will cease and the OEH will be contacted to advise on the appropriate course of action to allow the Awabakal People of the Awabakal Nation to record and collect the identified item(s).
- All workers (including contractors) should be inducted concerning Aboriginal cultural heritage values
- In the event that known or suspected Aboriginal skeletal remains are encountered during the activity, the following procedure will be followed:
  a. All work in the immediate vicinity will cease;
  b. The find will be immediately reported to the work supervisor who will immediately advise the environment manager or other nominated senior staff member;
  c. The environment manager or other nominated senior staff member will promptly notify the police and the state coroner (as required for all human remains discoveries);
  d. The environment manager or other nominated senior staff member will contact the OEH for advice on identification of the skeletal material as aboriginal and management of the material; and
  e. If the skeletal material is of aboriginal ancestral remains, the local aboriginal land council will be contacted and consultative arrangements will be made to discuss ongoing care of the remains.
  f. The project team will take all necessary measures to protect the artefacts from being damaged or destroyed.
  g. Works will not re-commence in the area until a written instruction from the superintendent is received.

5.11 Site Contamination

5.11.1 Contaminated Soil Risk Assessment

A risk assessment of contaminated soil shall be conducted at the start of the project in accordance with the following procedure for Contaminated Soil Assessment.

As soon as possible after possession of the site by HY, an assessment of actual or potential soil contamination and its impacts shall be undertaken using the Soil Contamination Assessment on BIM 360 Field.

The purpose of the assessment is to provoke whether HY should have an independent third party to provide recommendations or seek wider advice within the company so that the additional knowledge can reduce the risk profile of contaminated soil.

Projects which have the following criteria should fill in this form:

- Projects with a geotechnical report that nominates fill on bore logs
- Projects which do not have a geotechnical report but have a requirement for material to be exported off the site.

5.11.2 Identification of Contaminated Soil

During construction, it shall be necessary to monitor soil contamination levels (if any), dust levels and water runoff quality, to ensure that health and environmental standards are not compromised. This is especially important as contaminated soil may be excavated and transported around the site.

Upon discovery of contaminated soil, the HY Site Manager shall arrange for works to be ceased immediately in the area and contact the Superintendent for further directions.

Contaminated waste shall be collected, contained, stored, handled and disposed of in accordance with relevant legislation and codes of practice.

5.11.3 Risk of Exposure

It is important to minimise the risk of exposure of construction personnel to soil contaminants by adopting appropriate site controls and industrial hygiene practices. Site controls may include:

- Defining certain areas as contaminated and restricting access to them;
- Appropriate signage;
- Training construction employees in industrial hygiene procedures;
- Keeping non-essential motor vehicles such as personal cars out of contaminated areas;
- Regular medical checks of construction personnel who are exposed to contaminated soils;
- Keeping stockpiles of contaminated material watered down to minimise dust generation in accordance with any water restriction requirements and ensure that runoff is not generated from excessive watering;
- Covering truck loads with tarpaulins and watering material when loading and unloading;
- Wheel washes for trucks and vehicle leaving the contaminated areas;
- Regular road sweeping and cleaning;

- Dust monitoring and adjustment of construction programs to accommodate high risk periods when conditions are windy or very dry; and
- Monitoring of concentrations of volatiles.

Industrial hygiene practices may include:

- Wearing long sleeved shirts and trousers or overalls to minimise dermal exposure;
- Wearing gloves when handling soils;
- Washing hands and faces before eating, drinking or smoking;
- Leaving overalls at site for laundering;
- Showering and washing facilities; and
- Wearing respiratory equipment during times of high dust or volatile emissions.

5.11.4 Release of Contaminants to Soil and Groundwater

Water spraying of stockpiles and of soils being loaded and unloaded from trucks, covering of truck loads with tarpaulins and other measures described in the previous section would minimise the potential for dust to be generated.

If heavily contaminated soil is placed in contact with clean soils, contaminants could be mobilized by rainwater or chemical / physical reactions and affect the clean soils to a limited extent.

Similarly, there is a risk that contaminated soil is not clearly differentiated from clean soil and that mistakes could occur which cause the materials to be mixed or wrongly handled or disposed of.

This shall be overcome by implementing a material tracking system for all contaminated soils and ensuring that construction staff are trained how to use the system.

This shall involve documenting areas containing contaminated soil and putting signage near stockpiles that indicated the type of material present and its contamination status.

It shall also require supervision and documentation of all movements of contaminated materials around the site.

Avoiding contact between stormwater and contaminated soils is difficult to achieve if larger areas of a site are being exposed within a short period, because it does not allow for minimizing the amount of soil that is uncovered or placed in temporary stockpiles.

Therefore, it is necessary to manage stormwater in such a way that it does not mobilize contaminants and transfer them to clean areas.

This may be achieved by:

- Covering stockpiles of contaminated soil;
- Placing stockpiles of contaminated soil on bitumen or other sealed areas;
- Installation of adequate bunding or other approved method to contain runoff;
- Collecting stormwater run-off from stockpile areas; and
- Analytical testing of collected stormwater prior to its release.

Erosion and sediment control procedures in accordance with the relevant Code of Practice may also be applied, but with the additional objective of keeping water that is exposed to contaminated soils separate from water that has only come into contact with clean soils.

Groundwater could potentially be impacted by contaminants mobilized from stockpiled contaminated soil or by buried material.

Minimising runoff from stockpiles, as outlined above would reduce the risk to groundwater.

Land filling of contaminated material which is below the relevant criteria for soil contamination above the water table and capping the landfill area with low permeability material would minimise the risk of groundwater contamination from infiltration of stormwater into buried soils.

5.11.5 Heavy Metal Contamination

Any suspicious industrial wastes encountered will be immediately isolated to enable these assumptions to be confirmed by analytical testing.

5.11.6 Mitigation Strategies

- In the event that unexpected conditions are encountered during development work or between sampling locations which may pose a contamination risk, all works should stop and an environmental consultant shall be engaged to inspect the site and address the issue.
- Excavate a borrow pit to utilise ENM material for required fill to the Learning Hub and Multipurpose Facility. Contaminated soil likely to be unearthed during infiltration system excavation to be placed into borrow pit at time of works
- The Unexpected Finds Protocol outlined in the Remediation Action Plan prepared by Douglas Partners is to be followed.

5.11.7 Unexpected Finds

Unexpected Find shall be addressed in compliance with the Hansen Yuncken's Unexpected Finds protocol listed below:

Unexpected Finds Protocols - General

1. Immediately cease work and contact site foreman
2. Site Foreman to construct temporary barricading to prevent worker access to the unexpected substance(s) and install appropriate stormwater/sediment controls
3. Site foreman to contact Client and arrange inspection by environmental consultant
4. Environmental consultant to undertake detailed inspection and sampling & analysis as per the documented sampling procedures outlined in the RAP analytical results against documented site assessment criteria in the RAP
5. If substance assessed as presenting an unacceptable risk to human health
6. If substance assessed as not presenting an unacceptable risk to human health Site foreman to remove safety barricades and environmental controls and continue work

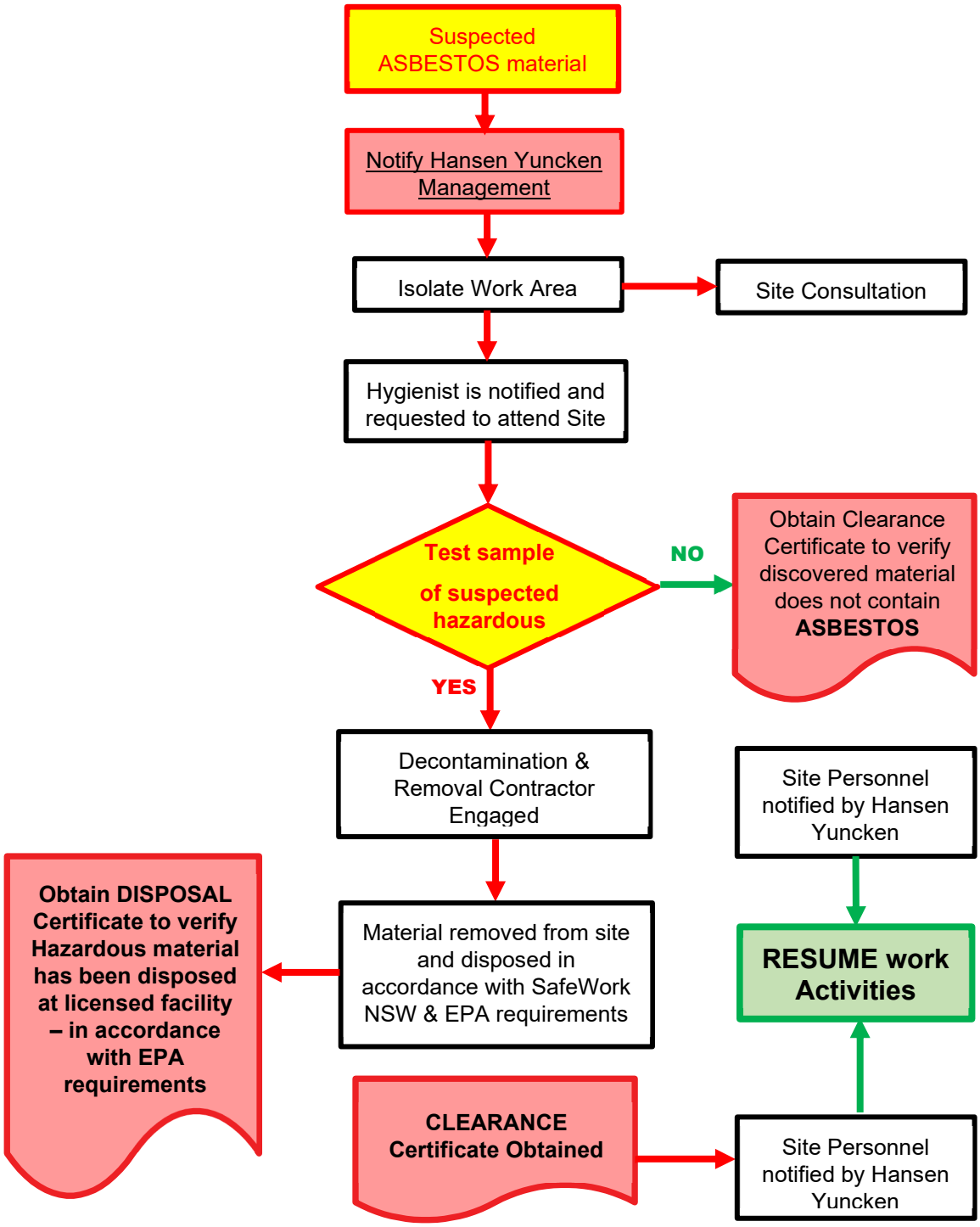
7. Environmental consultant to supervise remediation and undertake validation/clearance as per the remediation/validation/clearance plan
8. Site Foreman to remove barricades and environmental controls and continue work.
9. Environmental consultant to submit assessment/validation/clearance to site foreman for distribution to Client and appropriate regulatory authorities.

Unexpected Finds Protocol - Asbestos

If asbestos is detected in unexpected areas prior to, or during, site development works the following 'Unexpected Finds Protocol' will apply:

1. Upon discovery of suspected asbestos containing material, the site manager is to be notified and the affected area closed off by the use of barrier tape and warning signs. Warning signs shall be specific to Asbestos Hazards and shall comply with the AS1319-1994 – Safety Signs for the Occupational Environment.
2. An Occupational Hygienist is to be notified to inspect the area and confirm the presence of asbestos and to determine the extent of remediation works to be undertaken. A report detailing this information would be compiled by the Occupational Hygienist and provided to the Principal (or their representative) and the site manager.
3. The location of the identified asbestos material would be surveyed using sub-meter Differential Global Positioning System (DGPS).
4. If the impacted soil is to be disposed off site, it should be classified in accordance with the NSW EPA Waste Classification Guidelines (2014) and disposed of, as a minimum, as asbestos contaminated waste to a suitably licensed landfill. In dry and windy conditions the stockpile would be lightly wetted and covered with plastic sheet whilst awaiting disposal.
5. All work associated with asbestos in soil would be undertaken as per the NSW Code of Practice How to Safely Remove Asbestos (2019). SafeWork NSW must be notified in writing at least 5 days in advance of any asbestos works.
6. Monitoring for airborne asbestos fibres is to be carried out during the soil excavation in asbestos contaminated materials.
7. Documentary evidence (weighbridge dockets) of correct disposal is to be provided to the Principal (or their representative).
8. At the completion of the excavation, a clearance inspection is to be carried out and written certification is to be provided by an Occupational Hygienist that the area is safe to be accessed and worked. If required, the filling material remaining in the inspected area can be covered/sealed by an appropriate physical barrier layer of non-asbestos containing material prior to sign–off.
9. Validation samples would be collected from the remedial excavation to confirm the complete removal of the asbestos containing materials. Pending on the type of asbestos identified either the engaged Occupational Hygienist or a Licenced Asbestos Assessor will determine the volume of samples required.
10. The sampling locations should be surveyed using a sub-meter DGPS.
11. Details are to be recorded in the site record system.
12. Following clearance by an Occupational Hygienist, the area may be reopened for further excavation or construction work.

Unexpected Finds Protocol - ASBESTOS



Unexpected Finds Protocol - Buried Structures

In the unlikely event that buried structures such as Underground Storage Tanks (USTs) are encountered during site works, the structure(s) and any associated pipe-work should be managed /removed as follows:

a. Upon discovery of structure, the site foreman is to be notified and the area barricaded;

b. Visual identification of the tank and associated pipe-work;

c. Remove and dispose of the structure and associated pipe-work by a qualified contractor. In the case of an UST, the tank must be removed in accordance with AS 4976-2008 The removal and disposal of underground petroleum storage tanks;

d. Excavate and stockpile impacted materials (based on field observations) for classification;

e. Validation of the remedial pit by a qualified environmental consultant for the contaminants of concern at the following sampling density:

   i) Base of tank pit excavation - 1 sample per 25 m2 (i.e. 5m x 5 m grid);

   ii) Side of tank pit excavation - 1 sample per 10 linear metre (minimum of 1 sample per side) and 1 sample per 2m – 3m depth interval;

   iii) Fuel feed lines/pipe-work - 1 sample per 10 linear metre and 2 - 3 depth interval; and

   iv) QA/QC sampling and analysis in accordance with Section 4.9 of the Project Quality Management Plan.

f. If required, “chase out’ all of materials in the remediation pit identified to be impacted by petroleum/hydrocarbons and further validation sampling and analysis as required to assess appropriate removal of impacted materials;

g. Waste classification and off-site disposal of impacted materials in accordance with the Waste Management Plan; and

h. Inclusion of validation, waste classification and disposal documents (including landfill dockets and, in the case of USTs, tank and pipe work destruction certificates) in the validation report.

Unexpected Finds Protocol - Volatile Contaminants

Based on the findings of the previous assessments, and noting the nature of the filling and soil encountered at the site the potential for the site being impacted by volatile contaminants would be extremely low.

In the highly unlikely event that significant quantities of volatile compounds are detected, then appropriate gas mitigation strategies may be required as per National Environment Protection (Assessment of Site Contamination Measure) Measure 1999 (as amended 2013) ANZECC (1999) Guidelines for the Assessment of On-site Containment of Contaminated Soil.

If impacts due to volatile contaminants are detected in the area to be capped, the nature and extent of the impacts of the volatile contaminants should be established as a first step before an appropriate remedial strategy.

5.12 Waste Management

Refer Waste Management Plan (PMP appendix 18) for further details relating to the management and disposal of waste.

5.12.1 Waste Reduction

The main source of waste associated with the construction works would be demolished material (bricks, concrete, steel etc.) resulting from the demolition and refurbishment of existing buildings. It is likely that some excess building materials will be produced due to the construction work such as miscellaneous waste associated with packaging and transport of plant and equipment and various other manufactured items forming part of the augmentation works. Waste generated as a result of construction will be minimised, recycled, reused or recovered, where practical.

HY has accepted the challenge to reduce waste on construction projects, particularly in materials transferred to landfill.

The strategy for reducing the waste on the project will be made up of three strategies as detailed below in order of priority. The prime objective is to keep the amount of materials transferred to landfill from this project to the minimum possible amount.

1. Reduce the amount of waste material produced on the project by ensuring that only enough materials required to perform the works are ordered.
2. Any excess materials from particular work areas are to be retained and incorporated into other work areas where practical.
3. Encourage “just in time” delivery of construction materials (minimum storage on site) to reduce the potential of loss / waste due to damage prior to usage.

5.12.2 Waste Generation – Fill Material

The project is noted as largely a net cut-fill project with excavation works for the infiltration system noted to be utilised for the fill works for the Learning Hub and the Multipurpose Facility. However, due to the staging of works and soil contamination, the cut material is unable to be used for the fill component of the construction. Three (3) borrow pits will be excavated at the commencement of the project to provide fill for the Learning Hub and Multipurpose Facility. Excavated Natural Material (ENM) will be exported offsite to allow filling of the borrow pit with the contaminated cut material from the infiltration system works. Borrow pits as follows;

Borrow Pit 1

- Clean fill to Learning Hub

- Backfilled with topsoil from Learning Hub and Multipurpose Facility

Borrow Pit 2

- Fill to be crushed and used to fill Learning Hub and Multipurpose Facility

- Backfilled with topsoil from campus green and landscaping works

Borrow Pit 3

- ENM to be exported offsite

- Backfilled with cut from infiltration system works

5.12.3 Non-Recyclable Waste

Non-recyclable waste will be disposed of at an EPA approved landfill or transfer station.

5.12.4 Waste Collection & Disposal

Appropriate waste bins are to be provided by HY and made available to all S/C.

All S/C shall be directed to place waste in the bins provided. This shall be included in the Site Induction.

Waste collection points are nominated on the Site Layout Plan.

5.12.5 Waste Reporting

Waste generation is monitored by HY on monthly basis to ensure that the company's waste reduction objectives are achieved. Waste disposal quantities are monitored monthly by HY to ensure compliance.

The Project Administrator shall record waste disposal data on BIM360 Field using the waste record checklist.

Waste quantities from the PMR shall be entered into the State HSE Database for analysis and reporting against HY Waste reduction targets.

5.12.6 Concrete Waste & Washout

Concrete trucks and pumps shall be washed out at designated locations as shown on the site layout plan. Washout of concrete pumps and AGI's in other areas will not be permitted.

Washout shall be captured using membranes or other suitable means and allowed to set.

Waste shall be placed in bins for disposal with site waste.

Excess concrete shall be returned to the concrete plant for disposal or re-use.

5.12.7 Mitigation Strategies

- Accurate written records are to be kept such as:
  - Who transported the waste (company name, ABN, vehicle registration and driver details, date and time of transport, description of waste)
  - Copies of waste dockets/receipts for the waste facility (date and time of delivery, name and address of the facility, it's ABN, contact person).
- The construction contractor to ensure that waste generated by the works is transported to a place that can lawfully accept it as per Section 143 of the *Protection of the Environment Operations Act* 1997.
- The removal of any asbestos containing material if found is only to undertaken by an appropriately licenced contractor as per WorkCover NSW requirements and current guidelines.
- All waste, including excess spoil be recycled where practicable
- Trucks transporting spoil off site to be covered.
- The EPA is to be notified immediately of any pollution incidents or harm to the environment (as defined under Part 5.7 of the POEO Act).

5.13 Visual

5.13.1 Likely Impacts

The project has minimal visual impact to neighbouring properties and is well screened by existing trees and other building structures.

5.13.2 Mitigation Strategies

- Construct landscaping in accordance with the design documentation to reduce visual impacts of the new development.

5.14 Environmental Complaints

Complaints received regarding HY's Environmental Impacts or performance shall be recorded as Complaint in accordance with the HSE Incident Procedure. Actions to be taken to address the complaint.

5.15 Fuel & Chemical Spills

Response to major fuel spills shall be implemented in accordance with the fuel spill procedure in the Emergency Response Plan. The requirements for storage of large fuel and chemical quantities are not expected for this project.

A spill kit shall be located adjacent to fuel and chemical storage and dispensing areas.

5.16 Hazardous Materials

Hazardous materials shall be controlled in accordance with Hazardous Materials procedure.

5.17 External Lighting

In accordance with condition B11 & B14(a) (iv) of SSD-41814831, the external lighting to the proposed Newcastle High School Redevelopment complies with AS1158.3.1:2005 – Lighting for Roads and Public Spaces and AS4282-2019 – Control of the Obstructive Effects of Outdoor Lighting. A copy of this certificate verifying the compliance with these Australian Standards is provided at Appendix A.13.

5.18 Community Consultation and Complaints Handling

In accordance with condition B14(a) (v) of SSD-41814831, community consultation and complaints handling is primarily the responsibility of the Client. Hansen Yuncken will provide assistance where possible to ensure that the client is complying with the requirements of the Community Communication Strategy developed for the Newcastle High School Redevelopment in accordance with condition B9 of SSD-41814831.

5.18.1 Community Consultation

Community consultation is primarily the responsibility of the client. Hansen Yuncken will ensure that the relevant strategies/outcomes are incorporated within the relevant management plans and construction process where possible. The client will use a number tools and techniques to keep stakeholders and the local community involved.

5.18.2 Complaints Handling

Hansen Yuncken will provide assistance through the complaints handling process. During the project delivery phase, a complaint is defined as in regard to construction impacts – *such as* – safety, dust, noise, traffic, congestion, loss of parking, contamination, loss of amenity, hours of work, property damage, property access, service disruption, conduct or behaviour of construction workers or other environmental impacts. If a complaint is made directly to Hansen Yuncken, it will be redirected to the following SINSW communication channels:

- Phone: 1300 482 651
- Email: schoolinfrastructure@det.nsw.edu.au
- Website: schoolinfrastructure.nsw.gov.au

Upon receipt of the complaint, Hansen Yuncken will endeavour to close out the complaint in a timely manner. The complaint will be logged to ensure that the impact of future construction works that may impact the community in a similar manner are minimised.

6 Measurement & Evaluation

6.1 Environmental Incidents & Emergencies

6.1.1 Environmental Incidents

Incidents resulting in potential or actual environmental damage shall be reported and investigated in accordance with the HSE Incident Procedure and recorded on BIM360 using the HSE incident report

6.1.2 Environmental Emergencies

Preparation for and response to the environmental impacts of emergency events shall be conducted in accordance with the project Emergency Response Plan. The environmental impacts controlled in ERP are;

Asbestos Exposure

In the event that during works, personnel become accidentally exposed to asbestos, the following procedures shall be followed:

1. Personnel in the immediate affected area shall cease work and immediately go to the emergency showers on site.
2. All contaminated clothing is to be removed and placed into a thick plastic bag. The plastic bag must then be tightly sealed and labelled as "Asbestos Contaminated Clothing".
3. Personnel are to immediately decontaminate themselves in a shower and a clean set of clothes to be re-issued.
4. Asbestos contaminated clothing is to be industrially cleaned or disposed of appropriately

Water Pollution

An incident involving actual or potential harm to human or environmental health must be reported immediately to the EPA.

Firstly, call 000 if the incident presents an immediate threat to human health or property. Fire and Rescue NSW, the NSW Police and the NSW Ambulance Service are the first responders, as they are responsible for controlling and containing incidents.

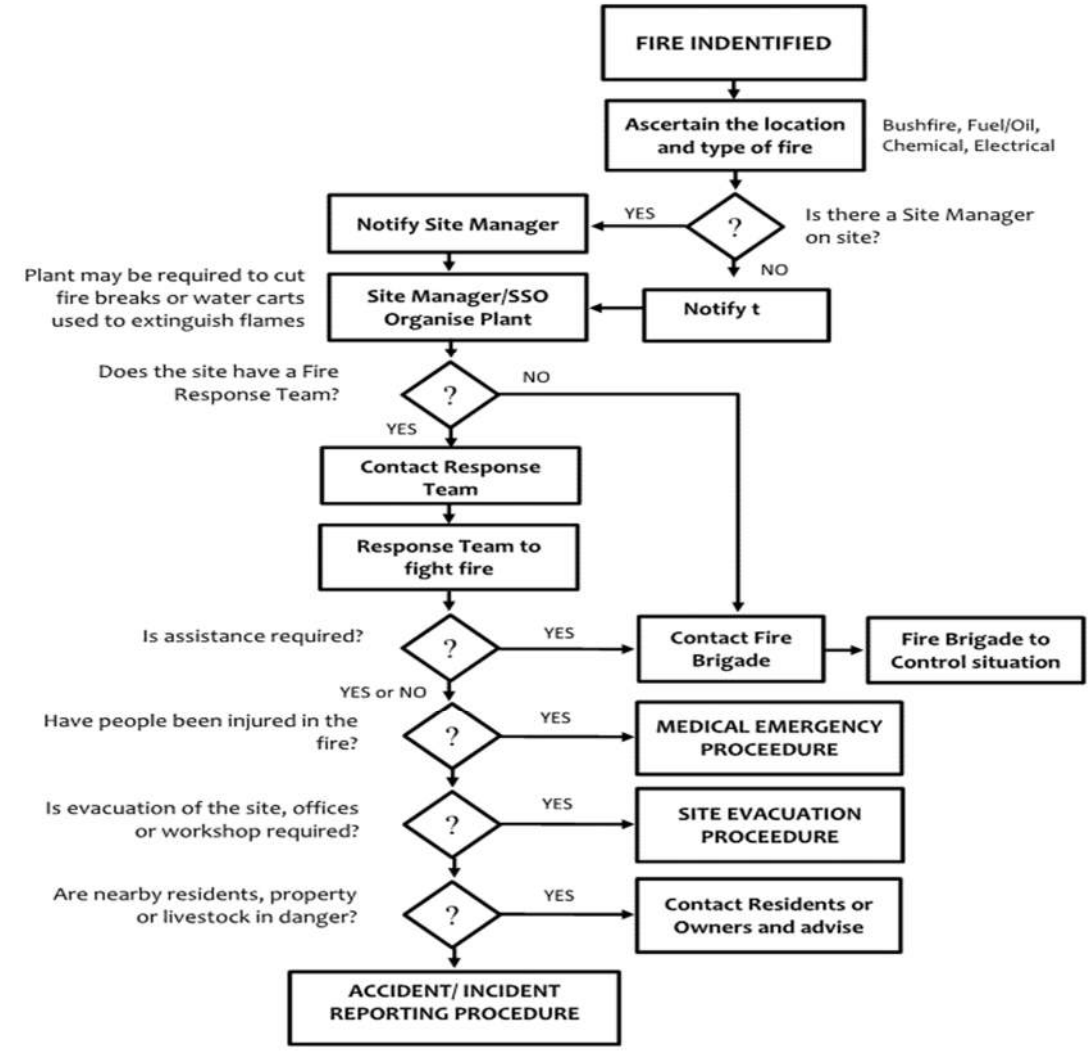
If the incident does not require an initial combat agency, or once the 000 call has been made, notify the HY Site Manager who will notify the relevant authorities in the following order. The 24-hour hotline for each authority is given when available:

EPA Environment Line on 131 555

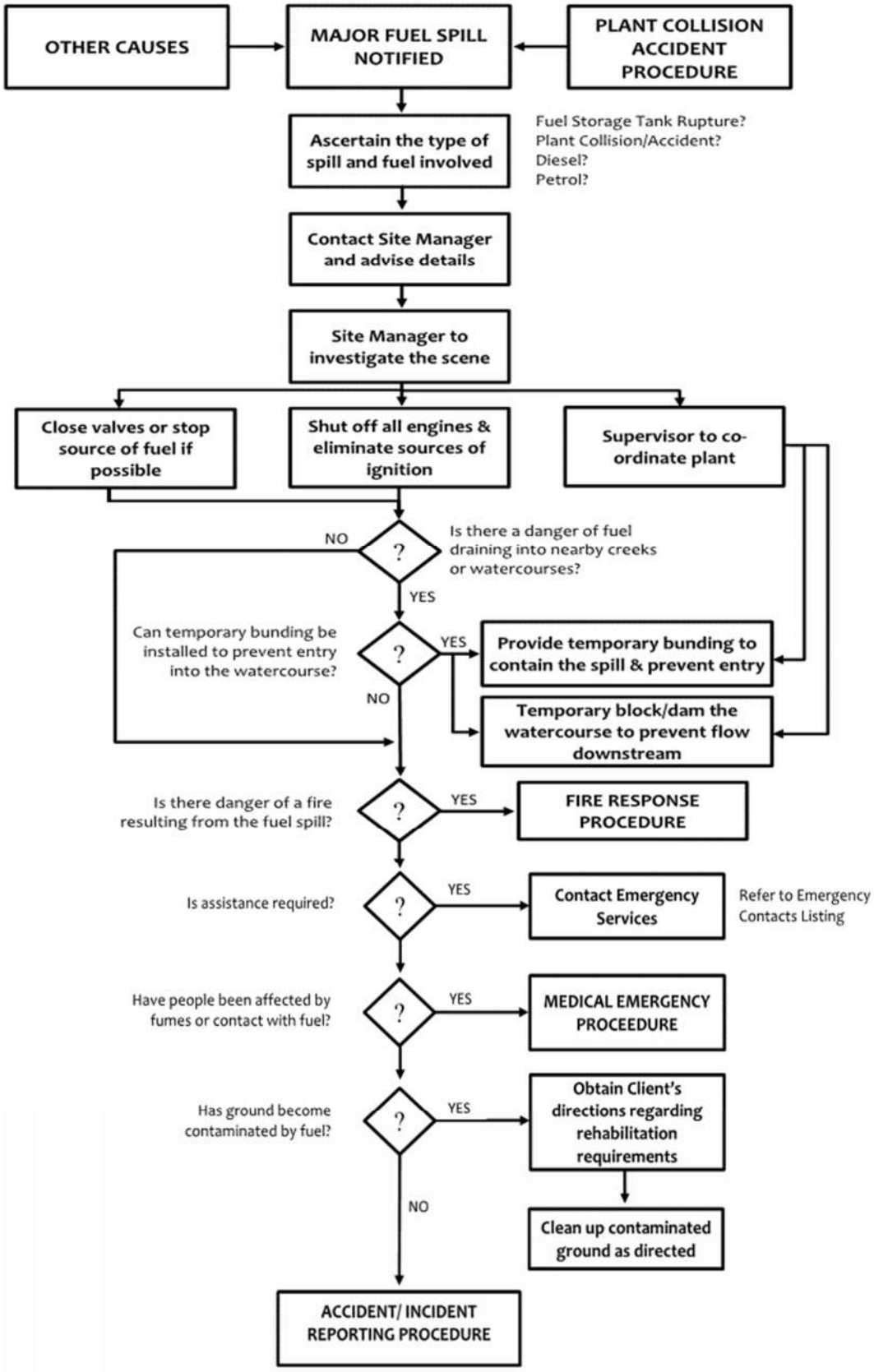
Safework NSW Authority – phone 13 10 50 (Where appropriate)

Relevant Council Telephone (02) 4974 2000

Fire


FIRE INDENTIFIED
Ascertain the location and type of fire
Bushfire, Fuel/Oil, Chemical, Electrical
?
Is there a Site Manager on site?
YES
NO
Notify Site Manager
Notify t
Site Manager/SSO Organise Plant
Plant may be required to cut fire breaks or water carts used to extinguish flames
Does the site have a Fire Response Team?
NO
YES
Contact Response Team
Response Team to fight fire
Is assistance required?
YES
Contact Fire Brigade
Fire Brigade to Control situation
YES or NO
Have people been injured in the fire?
MEDICAL EMERGENCY PROCEEDURE
Is evacuation of the site, offices or workshop required?
SITE EVACUATION PROCEEDURE
Are nearby residents, property or livestock in danger?
Contact Residents or Owners and advise
ACCIDENT/ INCIDENT REPORTING PROCEDURE

Major Fuel Spill



Chemical Spill

6.2 Environmental Inspections & Audits

Inspections & audits of the site including environmental controls shall be conducted in accordance with the procedure for Site HSE Inspections & the project Audit Management Plan. The following inspections will be conducted onsite throughout the time on the project:

- Fortnightly site inspections,
- Monthly task observations,
- 6 monthly internal audits,
- Monthly external audits in line with the HC21 requirements and,

- Bi-Monthly external audits in line with the HC21 requirements.

Where an item has been assessed as Non-Conformance (NC) during any internal inspection an issue shall be raised in BIM360 Field to bring the activity or process into compliance with requirements. The issue(s) shall be recorded in BIM360 Field and allocated to the relevant contractor/subcontractor.

The independent consultant in writing shall raise all items assessed as non-conformance during external audits and HY will address all issues and close out within the time frame advised.

6.3 National Greenhouse & Energy Reporting (NGER)

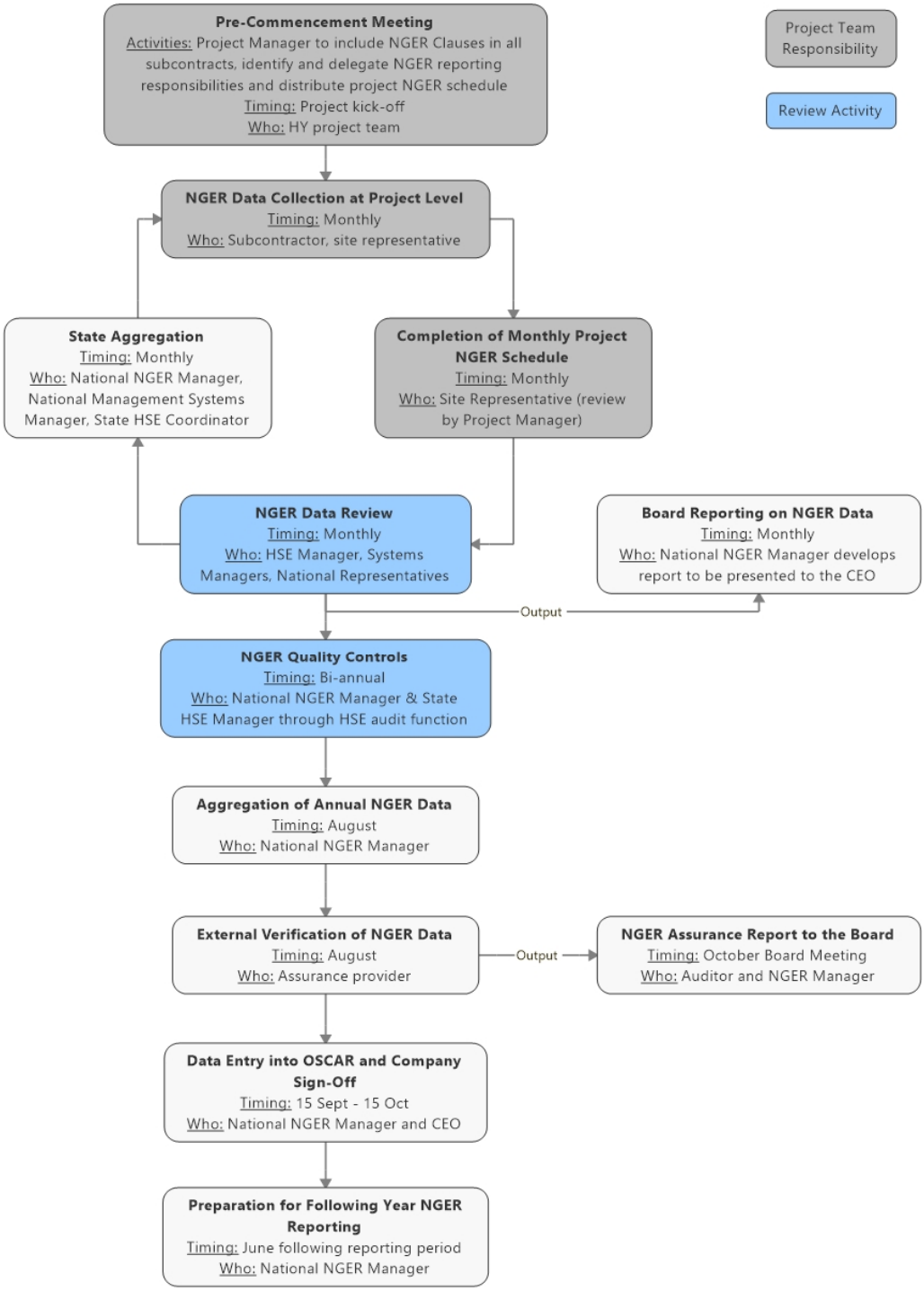
6.3.1 National Reporting Guidelines

The purpose of the National Greenhouse and Energy Reporting Guidelines is to help corporations understand their obligations under the National Greenhouse and Energy Reporting Act 2007 (the Act).

6.3.2 Reporting Thresholds

HY's has been assessed and determined to be below the corporate group reporting thresholds – detailed in the below table. Notwithstanding this, all natural gas and electricity consumption is recorded monthly on BIM360 Field and collated for national reporting. Furthermore, all site mobile plant and equipment fuel consumption is registered on BIM360 Field and incorporated in the HY greenhouse gases (CO2-e) annual report (NGER).

6.3.3 NGER Reporting process



6.3.4 NGER Data Collection

NGER data shall be collected and recorded on BIM360 Field using the Site Electricity and Natural Gas Usage Checklist

7 References

Environmental Planning and Assessment Act 1979 No 203

Environmental Planning and Assessment Regulation 2000

Protection of the Environment Operations Act 1997 (NSW)

Protection of the Environment Operations (General) Regulation 2009

ISO 14001; 2015 Environmental management systems - Requirements with guidance for use

AS/NZS ISO 31000:2009 Risk management – Principles and guidelines

HB158:2010 Delivering assurance based on ISO 31000:2009 – Risk management – Principles and guidelines

NSW Government Environmental management guidelines – Construction procurement (edition 4-December 2019)

8 Appendices

A.1 Hansen Yuncken Environmental Policy Statement

HANSENYUNCKEN

ENVIRONMENT POLICY

At Hansen Yuncken we mitigate our impact as much as reasonably practical to protect the environment during our operation in the building and construction industry, which meets the requirements and expectations of Clients, Statutory Authorities, Employees and Community Groups.

We affirm our legal obligation to comply with relevant environmental legislation, standards and codes of practice as the minimum level of performance and a professional obligation to acknowledge the views of Environmental and Community Groups.

Hansen Yuncken recognises that impacts on the environment in the building and construction industry relate not only to the process of construction but also to the design and subsequent use of the buildings constructed. We affirm our commitment to applying sustainable development principles to all facets of the building and construction process and to continually improve our performance in minimising the impact on, and pollution of, the environment during the construction process.

The Business Performance Committee shall review environmental objectives and set performance targets each year to ensure continual improvement through our 2020/23 Health Safety Environment & Quality (HSEQ) Strategic Plan. State Managers, through their line management structure, are accountable for ensuring all workers achieve these objectives and targets.

The Environment Business Function Workgroup shall monitor compliance with this policy and performance against our objectives and targets and this shall be reported to the CEO and Board of Directors on a regular basis.

In achieving this Hansen Yuncken is committed to the implementation, maintenance and improvement of a Management System complying with:

- ISO 14001:2015 Environment Management Systems

Hansen Yuncken acknowledge that environmental excellence can only be achieved and maintained through clear direction by all levels of management and commitment to continual improvement.

Training, education and awareness are critical to Hansen Yuncken's success in environmental management. Communicating and fostering a collaborative relationship with our workers results in advancement and further pride in our environmental achievements by all workers and stakeholders

Peter Salveson
Chief Executive Officer
January 2022

Page 1 of 1

A.2 Environmental Management Accreditation - ISO14001

CERTIFICATE OF REGISTRATION

Hansen Yuncken Pty Ltd

SCP, Building 1, Level 3, 75-85 O'Riordan Street, Alexandria NSW 2015 Australia
Suite 12/125 Bull Street, Newcastle West NSW 2302 Australia
and transient sites

complies with the requirements of

ISO 9001:2015
Quality Management Systems – Requirements

and

ISO 14001:2015
Environmental Management Systems – Requirements with guidance for use

for the following capability:

This registration covers the Quality and Environmental Management Systems for the provision of project management and the design and construction of commercial, industrial and institutional buildings and civil engineering works.

Registered by:
Quality Control Services (Environmental) Pty Ltd
ABN 16 994 323 622
10 Rosina Street Woodcroft South Australia 5162 Australia

This certificate is subject to the Terms and Conditions for Certification, and relevant program rules. Currency of certification can be validated at www.qcse.com.au and www.jas-anz.org/our-directory/certified-organisations; it remains the property of QCSE Pty Ltd and must be returned upon request.

Certificate Number: 160052025
Issue Date: 11 February 2022

Original Certification: 23 February 2010
Expiry Date: 22 February 2025

cAStone

Cheryl Stone
Certification Manager

QCSE

QMS/EMS Certified Company
Licence Number: Q0160

IAF

Quality Control Services QCS ENVIRONMENTAL

JAS-ANZ

www.jas-anz.org/register

A.3 Site Location

Figure 3 Site Location - 160/200 Parkway Avenue, Hamilton South

A.4 HSE Project Risk Assessment

A.5 Construction Traffic and Pedestrian Management Sub-Plan (CTPMSP)

A.6 Construction Noise and Vibration Management Sub-Plan (CNVMSP)

A.7 Construction Waste Management Sub-Plan (CWMSP)

A.8 Construction Soil and Water Management Sub-Plan (CSWMSP)

A.9 Aboriginal Cultural Heritage Management Sub-Plan (ACHMSP)

A.10 Cultural Heritage Management Sub-Plan (CHMSP)

A.11 Construction Flood Emergency Management Plan

A.12 Biodiversity Development DPE Waiver

Our ref: SSD-41814831

Mr David Lewis
Manager – Statutory Planning
School Infrastructure NSW
Level 8, 259 George Street
Sydney NSW 2000

08 June 2023

Subject: Request to waive requirement to prepare a Biodiversity Development Assessment Report under the *Biodiversity Conservation Act 2016*

Dear Mr Lewis

I refer to your correspondence received on 8 December 2022 seeking to waive the requirement to prepare a biodiversity development assessment report (BDAR) to be submitted with the State Significant Development application for the Newcastle Education Campus (SSD-41814831).

Section 7.9(2) of the Biodiversity Conservation Act 2016 (BC Act) provides the following in relation to an application for SSD:

> "*Any such application is to be accompanied by a biodiversity development assessment report unless the Planning Agency Head and the Environment Agency Head determine that the proposed development is not likely to have any significant impact on the biodiversity values*".

The authority of the "Planning Agency Head" to determine whether a proposed development is "*not likely to have any significant impact on biodiversity values*" has been delegated to Team Leaders within the Planning and Assessment Division of the Department of Planning and Environment (the Department).

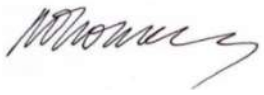
I have reviewed the application of the test of significance under section 1.5 and 7.3 of the BC Act and clause 1.4 of the Biodiversity Conservation Regulation 2017 and determinate that the development (as described in the revised BDAR Waiver request report prepared by Biosis dated 6 February 2023) is not likely to have any significant impact on biodiversity values. The application, therefore, does not need to be accompanied by a BDAR. Accordingly, a waiver under section 7.9 is granted for the proposed development (SSD-41814831).

The delegated "Environment Agency Head" in the Biodiversity and Conservation Division of the Department's Environment and Heritage Group has also granted a waiver (see attached).

This waiver is issued in respect of the proposed development detailed in the Secretary's Environmental Assessment Requirements dated 09 May 2022. Amendments to the development may require a further waiver to be sought and issued.

Should you have any further enquiries, please contact Patrick Andrade on (02) 9995 5654 or via email at Patrick.andrade@dpie.nsw.gov.au

Yours sincerely,



Madeline Thomas

A/Team Leader

School Infrastructure Assessments

as delegate for the Secretary

Attached: EHG Determination

A.13 Executive Summary from Preliminary Site Investigation (Contamination) Report

Douglas Partners
Geotechnics / Environment / Groundwater

Integrated Practical Solutions

Report on
Preliminary Site Investigation and Detailed Site Investigation (Contamination)

Newcastle High School Upgrade
25a National Park Street, Newcastle West

Prepared for
School Infrastructure NSW

Project 213618.02
June 2023

Douglas Partners
Geotechnics / Environment / Groundwater

Document History

Document details

Project No.	213618.02	Document No.	R.001.Rev1
Document title	Report on Preliminary Site Investigation and Detailed Site Investigation (Contamination) Newcastle High School Upgrade		
Site address	25a National Park Street, Newcastle West		
Report prepared for	School Infrastructure NSW		
File name	213618.02.R.001.Rev1.docx		

Document status and review

Status	Prepared by	Reviewed by	Date issued
Draft A	Dana Wilson	Matthew Blackert	23 January 2023
Revision 0	Dana Wilson	Matthew Blackert	3 May 2023
Revision 1	Dana Wilson	Matthew Blackert	14 June 2023

Distribution of copies

Status	Electronic	Paper	Issued to
Draft A	1	0	Robbie McIntosh, School Infrastructure NSW
Revision 0	1	0	Robbie McIntosh, School Infrastructure NSW
Revision 1	1	0	Robbie McIntosh, School Infrastructure NSW

The undersigned, on behalf of Douglas Partners Pty Ltd, confirm that this document and all attached drawings, logs and test results have been checked and reviewed for errors, omissions and inaccuracies.

	Signature	Date
Author	pp	14 June 2023
Reviewer		14 June 2023

bsi ISO 9001 Quality Management Systems CERTIFIED
FS 604853

Douglas Partners Pty Ltd
ABN 75 053 980 117
www.douglaspartners.com.au
15 Callistemon Close
Warabrook NSW 2304
PO Box 324
Hunter Region Mail Centre NSW 2310
Phone (02) 4960 9600

Executive Summary

Douglas Partners Pty Ltd (DP) has undertaken a preliminary site investigation (PSI) and detailed site investigation (DSI) for the proposed upgrade at Newcastle High School, 25a National Park Street, Newcastle West.

The investigation area (the site) is located within Newcastle High School. The proposed development comprises a new learning hub building (three-storey), new multipurpose hall, demolition and relocation of some existing structures, ancillary works and implementation of a landscaping strategy for continued secondary school use. Accordingly, the area subject of the DSI (the site) was limited to these specific areas and the general surrounds as shown on Drawing 1 in Appendix H and as instructed by the client.

A concurrent PSI and DSI was undertaken, with the PSI comprising a desktop and site history review to assess the potential for contamination at the site based on past and present land uses and inform the scope of work for the subsurface investigation. The DSI was staged, with an initial subsurface soil investigation program followed by a subsequent soil, groundwater and surface water and hazardous gas screening (HGG) program to further assess site conditions.

The report has also been updated following initial feedback on the Draft A report from Fiona Robinson, NSW EPA Contaminated Site Auditor, engaged by School Infrastructure NSW to conduct a statutory Site Audit for the proposed development.

The objectives of this DSI were to assess the suitability of the site for the proposed development and whether further investigation and/or management is required regarding the proposed development. It is understood that the DSI report will be used to support a development application for the on-going and proposed continued secondary school use.

The investigation included desktop / site history review, site inspection, subsurface investigation at comprising 86 soil testing locations (pits / boreholes/surface samples), six groundwater monitoring wells, two surface water locations, landfill gas screening, laboratory testing and preparation of this report.

The site history review indicated former site uses/activities including undeveloped grazing land, golf course (early 1900s), filling/raising of site levels and construction of the drainage canal to the north and later staged school development from 1927. Mapping suggested that the north-eastern part of the site compromised anthropogenic fill extending from the north / north-eastern part of the site and then extending to the north towards and including the former gas works site at Steel Street Newcastle. Filling within this area may have the potential to include waste materials associated with the gasworks (ash, slag etc) as well as "*all manner of waste, including building debris"* (EMM, 2022).

The site history review did not identify the presence of gross potentially contaminating activities, however, a number of potential contaminant sources / activities were identified at the site as follows: the presence of fill (source unknown), demolition/renovation of buildings, possible pesticide use, storage of chemicals / fuels, chemical storage associated with photography darkroom and disposal practices, drips / spills from parked cars, irrigation of groundwater for ground maintenance, underground utilities and pipes containing hazardous building materials (HBM), surface / groundwater base flows adjacent to site boundary and HGG associated with former mine workings and anthropogenic fill with coal inclusions and natural organic rich soils:.

The site inspection, subsurface investigation and laboratory testing generally indicated the absence of gross chemical contamination at the test locations and depths investigated (i.e. absence of obvious staining / odour in soils, groundwater and surface water).

Fill was identified across the site to depths of between 0.1 m and 3.1 m, noting that the full depth of fill was not identified in some test locations (typically hand auger bores due to refusal). The depth of fill was greatest for the north / north-eastern parts of the site in historical fill placement areas (<1940s) rather than more recent importation of materials. Fill materials comprised various anthropogenic materials including building wastes, coal, coal chitter, slag, ash and asphalt. Fibro sheeting fragments (confirmed as asbestos containing materials (ACM) were identified within filling at five locations, in addition to five fragments identified at the surface in other parts of the site.

Groundwater was identified at depths of between 1.0 m and 2.8 m below ground level in pits / bores and 1.0 to 2.45 m bgl (RL 0.9 to 1.75 AHD) for installed groundwater monitoring wells.

Laboratory testing was undertaken for a range of potential contaminants for selected soil samples from the test pits/bores. The majority of the tested soils were within the adopted human health and ecological guidelines for public open space land use for chemical contaminants. The exceedances primarily relate to elevated heavy metals, TRH, BTEX, PAH, PFAS and asbestos which are largely attributed to the presence of imported fill material.

Bonded asbestos containing materials (ACM) were identified within upper filling at five test locations (Bore 209 and Pits 305, 307, 517 and 518). Asbestos fines / friable asbestos (< 7 mm) were also identified in fill at two locations (503/0.25 m and 505/0.6 m) which did not identify ACM fragments during sieving. Given the widespread presence of fill at the site, most notably the north/north-eastern boundary where fill was identified up to 3.1 m depth, and the presence of demolition waste within fill across the site, additional ACM is likely to be present across the site distributed within site filling including near surface soils.

Leachability testing of soils with elevated heavy metals, hydrocarbons and PFAS indicated that the soils tested had a low propensity to leach hydrocarbons, and some propensity to leach heavy metals and PFAS.

Slightly elevated heavy metals, PAH and PFAS were identified in groundwater and surface water with no obvious spatial distribution for up, mid and downgradient locations. The metal concentrations in groundwater are considered to be typically representative of natural background conditions in the urban city environment; PFAS concentrations in groundwater are generally considered to be indicative of urban conditions which contain PFAS in the environment at trace concentrations. Minor PAH concentrations suggest minor impact to groundwater from PAH impacted fill. Given the extensive nature of the fill on site, which is mapped to extend well beyond the site boundary and downgradient of the site, the minor PAH impact to groundwater is not considered significant. Groundwater remediation is not considered to be required, however, cessation of groundwater irrigation at the school is recommended as outlined below.

Remediation and/or management of the site will be required to address the heavy metals, TRH, BTEX, PAH and asbestos impacted soil/fill at the site to render the site suitable for the on-going and proposed continued secondary school use.

It is noted that while one test location (Bore 222) indicated elevated PFAS above ecological criteria, the risk of indirect exposure of PFAS is considered to be low.

Given the extensive nature of impacted materials, in particular the depth of fill in the north/north-eastern part of the site up to 3.1 m, excavation and off-site disposal of all identified contamination is not likely be practical/economically feasible. Given much of the site in impacted areas is proposed for new buildings / permanent pavements and the site requires more fill than cut, on-site management / capping would be considered the most practical remediation approach. This approach would avoid significant expenses associated with off-site disposal of materials to a licensed landfill. A combination of both remediation options could also be considered where practical.

In the absence of a detailed asbestos assessment (double to triple the density of testing), the whole of the site investigation area would be subject to remediation works to address potential/actual asbestos impacts.

Given the groundwater assessment has not identified significant impacts to groundwater from on-site fill/soil on-site management / capping with a low permeability capping is not likely to be required. Direct infiltration of stormwater into infiltration pits within contaminated fill materials (as currently proposed), however, would not be recommended as a precautionary measure given the characteristics of the fill materials and the potential for leaching and groundwater impacts at these localised areas. Alternative locations and/or redesign of these proposed stormwater management structures is recommended in consultation with DP and the Site Auditor.

The proposed remediation strategy, remediation action criteria and validation requirements will need to be outlined in a site-specific remediation action plan (RAP).

If on-site management is selected as the remediation option, preparation of a long-term environmental management plan (EMP) would be required. On-site containment will attract a notice on the site Section 10.7 planning certificate and would require enforceable controls to ensure the contaminated soils are appropriately managed into the future.

Whilst a number of generally minor data gaps remain (refer Section 16.3), it is considered that these can be suitably managed via implementation of the RAP and unexpected finds protocol (UFP).

The following recommendations are provided:

- Preparation of a site-specific RAP to integrate with the specifics of the proposed development, such as areas of capping / open space and staging requirements. The RAP should include:
    - Requirements for environmental inspection and further assessment (where required) beneath buildings/pavements following demolition;
    - Unexpected finds protocol (UFP) for earthworks for the site given the risk of further ACM impact to be identified during remediation and redevelopment works and remaining data gaps;
    - Hazardous materials assessments are required prior to building demolition and should include HBM removal, validation, inspections and clearances by appropriately qualified and licensed persons;
- Alternative locations and/or redesign of proposed stormwater management structures to avoid direct infiltration of stormwater into fill given the characteristics of the materials and the potential for leaching and groundwater impacts at these localised areas (in consultation with DP and the Site Auditor);
- Implementation of the following interim measures to minimise potential exposure to student, staff and workers at the site:
    - Exposed soils at test locations (pits etc) or bare areas with visible anthropogenics including ash, glass, porcelain etc are top dressed and/or turfed after raking and collection of larger fragments to minimise exposure;
    - Staff are made aware of potential surface ACM impacts and encouraged to report any observed fragments to management who should arrange for localised collection, disposal and reporting of fibro in grounds as per the school Asbestos Management Plan / SI NSW standard procedures.
- Use of the groundwater bore for school irrigation is ceased (i.e. to remove the direct contact exposure pathway).

A.14 SSDA Compliance Conditions

		Newcastle Education Campus	RESPONSIBILITY
	CC	CONDITIONS SSD-41814831	
		SCHEDULE 1	
Application Number:		SSD-41814831	Note
Applicant:		Department of Education	Note
Consent Authority:		Minister for Planning and Public Spaces	Note
Site:		Lot 1 - DP 150725, Lot 1 – DP 575171, Lot 1 – DP 794827 25A National Park Street, Newcastle West	Note
Development:		Staged upgrades to Newcastle High School comprising demolition, relocation and refurbishment of existing buildings, construction of new buildings, covered walkways, drop -off/pick up, waste and sporting facilities, tree removal, landscaping, and ancillary works including public domain infrastructure.	Note
		DEFINITIONS	
Aboriginal object		Has the same meaning as the definition of the term in section 5 of the National Parks and Wildlife Act 1974	Note
Aboriginal place		Has the same meaning as the definition of the term in section 5 of the National Parks and Wildlife Act 1974	Note
Accredited Certifier		Means the holder of accreditation as an accredited certifier under the Building Professionals Act 2005 acting in relation to matters to which the accreditation applies.	Note
Advisory Notes		Advisory information relating to the consent but do not form a part of this consent	Note
Applicant		The Department of Education, or any other person carrying out any development to which this consent applies	Note
Approved disturbance area		The area identified as such on the development layout	Note
Archaeological Salvage		A program of salvage excavation/s to recover information and/or objects from identified archaeological sites listed within the Aboriginal Cultural Heritage Assessment prepared by EMM dated April 2023 and Archaeological Assessment and Statement of Heritage Impact prepared by EJE Heritage dated May 2023.	Note
BCA		Building Code of Australia	Note
CEMP		Construction Environmental Management Plan	Note
Certification of Crown building work		Certification under section 6.28(2) of the EP&A Act	Note
Certifier		Means a council or accredited certifier or in the case of Crown development, a person qualified to conduct a Certification of Crown Building work	Note
Conditions of this consent		The conditions contained in Schedule 2 of this document	Note
Construction		All physical work to enable operation including (unless specifically excluded by a condition) but not limited to the demolition and removal of buildings, the carrying out of works for the purposes of the development, including bulk earthworks, and erection of buildings and other infrastructure permitted by this consent, but excluding the following: • building and road dilapidation surveys; • investigative drilling or investigative excavation; • Archaeological Salvage; • establishing temporary site offices (in locations identified by the conditions of this consent); • installation of environmental impact mitigation measures, fencing, enabling works; and • minor adjustments to services or utilities. However, where heritage items, or threatened species or threatened ecological communities (within the meaning of the Biodiversity Conservation Act 2016 or Environment Protection and Biodiversity Conservation Act 1999) are affected or potentially affected by any physical work, that work is construction, unless otherwise determined by the Planning Secretary in consultation with EHG or DPE Fisheries (in the case of impact upon fish, aquatic invertebrates or marine vegetation)	Note
Council		Newcastle City Council	Note
Day		The period from 7am to 6pm on Monday to Saturday, and 8am to 6pm on Sundays and Public Holidays	Note
Demolition		The deconstruction and removal of buildings, sheds and other structures on the site	Note
Department		NSW Department of Planning and Environment	Note
Development		The development described in the EIS and Response to Submissions, including the works and activities specified in Schedule 1 and as modified by the conditions of this consent	Note
Earthworks		Bulk earthworks, site levelling, import and compaction of fill material, excavation for installation of drainage and services	Note
EHG		Environment and Heritage Group, Department of Planning and Environment	Note
EIS		The Environmental Impact Statement titled Environmental Impact Statement State Significant Development Newcastle Education Campus (SSD -41814831), prepared by Gyde dated 28 September 2023, submitted with the application for consent for the development, including any additional information provided by the Applicant in support of the application.	Note
ENM		Excavated Natural Material	Note
Environment		Includes all aspects of the surroundings of humans, whether affecting any human as an individual or in his or her social groupings	Note
EPA		NSW Environment Protection Authority	Note
EP&Aact		Environmental Planning and Assessment Act 1979	Note
EP&A Regulation		Environmental Planning and Assessment Regulation 2021	Note
Evening		The period from 6pm to 10 pm	Note
Feasible		Means what is possible and practical in the circumstances	Note
Heritage		Encompasses both Aboriginal and historic heritage including sites that predate European settlement, and a shared history since European settlement	Note
Heritage NSW		Heritage NSW, the Department of Planning and Environment	Note
Heritage Item		An item as defined under the Heritage Act 1977, and assessed as being of local, State and/ or National heritage significance, and/or an Aboriginal Object or Aboriginal Place as defined under the National Parks and Wildlife Act 1974', the World Heritage List, or the National Heritage List or Commonwealth Heritage List under the Environment Protection and Biodiversity Conservation Act 1999 (Cth), or anything identified as a heritage item under the conditions of this consent	Note
Incident		An occurrence or set of circumstances that causes, or threatens to cause, material harm and which may or may not be, or cause, a non - compliance Note: "material harm" is defined in this consent	Note
Independent Audit Post Approval Requirements		Independent Audit Post Approval Requirements 2020 (or other updated version as available on the Department's website)	Note
Land		Has the same meaning as the definition of the term in section 1.4 of the EP&A Act	Note
EMP		Environmental Management Plan	Note
Management and mitigation measures		The management and mitigation measures set out in Appendix P of the RtS	Note
Material harm		Is harm that: a) involves actual or potential harm to the health or safety of human beings or to the environment that is not trivial; or b) results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding $10,000, (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment) Note: For the purposes of this definition, material harm excludes incidents captured by Work Health and Safety reporting requirements.	Note
Minister		NSW Minister for Planning and Public Spaces (or delegate)	Note
Mitigation		Activities associated with reducing the impacts of the development prior to or during those impacts occurring	Note
Monitoring		Any monitoring required under this consent must be undertaken in accordance with section 9.39 of the EP&A Act	Note
Night		The period from 10pm to 7am on Monday to Saturday, and 10pm to 8am on Sundays and Public Holidays	Note
Non-compliance		An occurrence, set of circumstances or development that is a breach of this consent	Note
OEMP		Operational Environmental Management Plan	Note
Operation		The carrying out of the approved purpose of the development upon completion of construction excluding operational readiness work	Note
PA		Means a planning agreement within the meaning of the term in section 7.4 of the EP&A Act	Note
Operational readiness work		Use of the completed areas of the development by school staff to prepare for the operation of the development	Note
Planning Secretary		Planning Secretary under the EP&A Act, or nominee	Note
POEO Act		Protection of the Environment Operations Act 1997	Note
Reasonable		Means applying judgement in arriving at a decision, taking into account: mitigation, benefits, costs of mitigation versus benefits provided, community views, and the nature and extent of potential improvements	Note
Registered Aboriginal Parties		Means the Aboriginal persons identified in accordance with the document entitled "Aboriginal cultural heritage consultation requirements for proponents 2010" (DECCW)	Note
Rehabilitation		The restoration of land disturbed by the development to a good condition, to ensure it is safe, stable and non-polluting	Note
Response to submissions		The Applicant's response to issues raised in submissions received in relation to the application for consent for the development under the EP&A Act, prepared by Gyde dated 27 October 2023.	Note
SANSW		Subsidence Advisory NSW (formerly the Mine Subsidence Board)	Note
Sensitive receivers		A location where people are likely to work, occupy or reside, including a	Note
Site		The land defined in Schedule 1	Note
Site Auditor		As defined in section 4 of the Contaminated Land Management Act 1997	Note
Site Audit Report		As defined in section 4 of the Contaminated Land Management Act 1997	Note
Site Audit Statement		As defined in section 4 of the Contaminated Land Management Act 1997	Note
Supplementary Response to Submissions		The further information provided in the report and appendices, titled Supplementary Response to Submissions Report, prepared by Gyde and dated 4 December 2023.	Note
TfNSW		Transport for New South Wales	Note
Waste		Has the same meaning as the definition of the term in the Dictionary to the POEO Act	Note
Year		A period of 12 consecutive months	Note
		SCHEDULE 2	
		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.	All Parties
		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; (d) in accordance with the approved plans in the table below:	All Parties

A3.		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.	Principal
A4.		The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c). 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.	Principal
		Limits of Consent	
A5.		This consent lapses five years after the date of consent unless work is physically commenced.	Principal
		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.	Principal
		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.	Principal
		Evidence of Consultation	
A8.	**CC Note only**	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.	Principal
		Staging	
A9.	CC1	The project may be constructed and operated in stages in accordance with the terms/conditions of this consent and the details set out in the Preliminary Staging Report prepared by Gyde dated 25 October 2023.	Principal
A10.	CC1	Construction staging of the proposed development may be varied in accordance with a revised Staging Report submitted to and approved by the Planning Secretary.	Principal
A11.	CC1	Any revised Staging Report prepared in accordance with condition A10 must: (a) maintain the staged operation with the terms/conditions of this consent and the details set out in the Preliminary Staging Report prepared by Gyde dated 25 October 2023; (b) set out how the construction of the whole 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; (c) 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; (d) specify how compliance with conditions will be achieved across and between each of the stages of the project; (e) specify how compliance with independent auditing requirements will be achieved across and between each of the stages of the project; and (f) set out mechanisms for managing any cumulative impacts arising from the proposed construction staging.	Principal
A12.	CC1	The project must be staged in accordance with the details approved under condition A9 unless a revised Staging Report has been approved under condition A10 in which case the project must be staged in accordance with the approved revised Staging Report.	Principal
A13.	CC1	The terms of this approval that apply or are relevant to the works or activities to be carried out in a specific stage set out in the details as approved under condition A9 must be complied with at the relevant time for that stage including independent auditing requirements.	All Parties
		Staging, Combining and Updating Strategies, Plans or Programs	
A14.		The Applicant may: (a) prepare and submit any strategy, plan (including management plan) or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan (including management plan) or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan (including management plan) or program); (b) combine any strategy, plan (including management plan), or program required by this consent (if a clear relationship is demonstrated between the strategies, plans (including management plan) or programs that are proposed to be combined); and (c) update any strategy, plan (including management plan), or program required by this consent (to ensure the strategies, plans (including management plan), or programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).	Principal
A15.		Any strategy, plan or program prepared in accordance with condition A14, where previously approved by the Planning Secretary under this consent, must be submitted to the satisfaction of the Planning Secretary.	Principal
A16.		If the Planning Secretary agrees, a strategy, plan (including management plan), or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this consent.	Principal
A17.		Updated strategies, plans (including management plan), or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan, program or drawing.	Principal
		Structural Adequacy	
A18.		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 and any additional requirements of the Subsidence Advisory NSW where the building or structure is located on land within a declared Mine Subsidence District. Notes: • Environmental Planning and Assessment (Development Certification and Fire Safety) Regulation 2021 sets out the requirements for the certification of the development. • Under section 21 of the Coal Mine Subsidence Compensation Act 2017, the Applicant is required to obtain the Chief Executive of Subsidence Advisory NSW's approval before carrying out certain development in a Mine Subsidence District.	Contractor
		External Walls and Cladding	
A19.		The external walls of all buildings including additions to existing buildings must comply with the relevant requirements of the BCA.	Contractor
		Applicability of Guidelines	
A20.		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 or as otherwise provided in the relevant document or applicable legislation.	All Parties
A21.		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.	All Parties
		Monitoring and Environmental Audits	
A22.		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.	Contractor
		Access to Information	
A23.		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.	All Parties
		Compliance	
A24.		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.	Contractor
		Incident Notification, Reporting and Response	
A25.		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.	Principal
A26.		Subsequent notification must be given and reports submitted in accordance with the requirements set out in Appendix 2.	Principal
A27.		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	Principal
A28.		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	Principal
A29.		A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	Principal
		Revision of Strategies, Plans and Programs	
A30.		Within three months of: (a) the submission of an incident report under condition A26;	Principal
A31.		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	Contractor
		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.	All Parties
B2.		If the construction 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	All Parties
		Certified Drawings	
B3.		Prior to the commencement of construction, 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.	Contractor
		External Walls and Cladding	
B4.		Prior to the commencement of construction of external building walls and cladding within the relevant stage, the Applicant must provide the Certifier with documented evidence that the products and systems proposed for use or used in the construction of external walls, including finishes and claddings such as synthetic or aluminium composite panels, comply with the requirements of the BCA. The Applicant must provide a copy of the documentation given to the Certifier to the Planning Secretary within seven days after the Certifier accepts it.	Contractor
		Pre-Construction Dilapidation Report - Protection of Public Infrastructure	
B5.	**CC1**	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 (nonresidential) 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.	Contractor
		Pre-Construction Survey - Adjoining Properties	
B6.	CC1	Prior to the commencement of any construction, the Applicant must offer a pre -construction survey to owners of residential buildings	Contractor
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.~~	Contractor
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 48 hours when requested.	Contractor
		Community Communication Strategy	
B9.		No later than 48 hours before the commencement of construction, a Community Communication Strategy must be submitted to the Planning Secretary for information. The Community Communication Strategy must provide mechanisms to facilitate communication between the Applicant, the relevant Council and the community (including adjoining affected landowners and businesses, and others directly impacted by the development), during the design and construction of the development and for a minimum of 12 months following the completion of construction. The Community Communication Strategy must: (a) identify people to be consulted during the design and construction phases; (b) set out procedures and mechanisms for the regular distribution of accessible information about or relevant to the development; (c) provide for the formation of community-based forums, if required, that focus on key environmental management issues for the development; (d) set out procedures and mechanisms: (i) through which the community can discuss or provide feedback to the Applicant; (ii) through which the Applicant will respond to enquiries or feedback from the community; and (iii) to resolve any issues and mediate any disputes that may arise in relation to construction and operation of the development, including disputes regarding rectification or compensation. (e) include any specific requirements around traffic, noise and vibration, tree retention, heritage.	Principal
		Ecologically Sustainable Development	
B10.	CC1	Prior to the commencement of construction, unless otherwise agreed by the Planning Secretary, the Applicant must demonstrate that ESD is being achieved by either: (a) registering for a minimum 5 star Green Star rating with the Green Building Council Australia and submit evidence of registration to the Certifier; or (b) seeking approval from the Planning Secretary for an alternative certification process.	Principal
		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.	Contractor
		Demolition	
B12	**CC1**	Prior to the commencement of 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.	Contractor
		Environmental Management Plan Requirements	
B13.	CC Note only	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.IANww.planningqportal.nsw.qov.aulmaior- proiectslassessmenVpost-approval • The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.	Contractor
		Construction Environmental Management Plan	
B14.	**CC1**	Prior to the commencement of any construction, the Applicant must submit a Construction Environmental Management Plan (CEMP) to the Certifier and provide a copy to the Planning Secretary for information. The CEMP must include, but not be limited to, the following: (a) Details of: (i) hours of work; (ii) 24-hour contact details of site manager; (iii) management of dust and odour to protect the amenity of the neighbourhood; (iv) external lighting in compliance with AS 4282-2019 Control of the obtrusive effects of outdoor lighting; (v) community consultation and complaints handling as set out in the Community Communication Strategy required by condition B9; (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); (f) Construction Waste Management Sub-Plan (see condition B17); (g) Construction Soil and Water Management Sub-Plan (see condition B18); (h) Aboriginal Cultural Heritage Management Sub-Plan (see condition B19); (i) Cultural Heritage Management Sub-Plan (see condition B20); (j) Construction Flood Emergency Management Plan (see condition B21);	Contractor
B15.	**CC1**	The Construction Traffic and Pedestrian Management Sub-Plan (CTPMSP) must be prepared to achieve the objective of ensuring safety and efficiency of the road network and address, but not be limited to, the following: (a) be prepared by a suitably qualified and experienced person(s); (b) be prepared in consultation with Council and TfNSW; (c) include a Driver Code of Conduct which must be prepared and communicated by the Applicant to heavy vehicle drivers and aim to: (i) minimise the impacts of earthworks and construction on the local and regional road network; (ii) minimise conflicts with other road users; (iii) minimise road traffic noise; and (iv) ensure truck drivers use specified routes; (d) detail: (i) measures to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists and pedestrians and bus services; (ii) measures to ensure the safety of vehicles and pedestrians accessing adjoining properties where shared vehicle and pedestrian access occurs; (iii) heavy vehicle routes, access and parking arrangements; (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 (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)	Contractor

B16.	CC1	The Construction Noise and Vibration Management Sub-Plan must address, but not be limited to, the following: (a) be prepared by a suitably qualified and experienced noise expert; (b) describe procedures for achieving the noise management levels in EPA's Interim Construction Noise Guideline (DECC, 2009); (c) describe the measures to be implemented to manage high noise generating works such as piling, in close proximity to sensitive receivers; (d) include strategies that have been developed with the community for managing high noise generating works; (e) describe the community consultation undertaken to develop the strategies in condition B16 (d); (f) include a complaints management system that would be implemented for the duration of the construction; and (g) include a program to monitor and report on the impacts and environmental performance of the development and the effectiveness of the implemented management measures in accordance with the requirements of condition B13.	Contractor
B17.	CC1	The Construction Waste Management Sub-Plan (CWMSP) must address, but not be limited to, the procedures for the management of waste including the following: (a) the recording of quantities, classification (for materials to be removed) and validation (for materials to remain) of each type of waste generated during construction and proposed use for materials to remain; (b) information regarding the recycling and disposal locations; and (c) confirmation of the contamination status of the development areas of the site based on the validation results.	Contractor
B18.	**CC1**	The Applicant must prepare a Construction Soil and Water Management Sub-Plan (CSWMSP) and the plan must address, but not be limited to the following: (a) be prepared by a suitably qualified expert, in consultation with Council; (b) measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the site; (c) describe all erosion and sediment controls to be implemented during construction, including as a minimum, measures in accordance with the publication Managing Urban Stormwater: Soils & Construction (41h edition, Landcom 2004) commonly referred to as the 'Blue Book'; (d) include an Acid Sulphate Soils Management Plan, if required, including measures for the management, handling, treatment and disposal of acid sulphate soils, including monitoring of water quality at acid sulphate soils treatment areas; (e) provide a plan of how all construction works will be managed in a wet-weather events (i.e. storage of equipment, stabilisation of the Site); (f) detail all off-site flows from the site; and (g) describe the measures that must be implemented to manage stormwater and flood flows for small and large sized events, including, but not limited to 1 in 5 -year ARI and 1 in 100- year ARI.	Contractor
B19.	**CC1**	The Aboriginal Cultural Heritage Management Sub-Plan (ACHMSP) must address, but not be limited to, the following: (a) be prepared by a suitably qualified and experienced expert(s); (b) be prepared in consultation registered Aboriginal parties; (c) the recommendations of the Aboriginal Cultural Heritage Assessment Report prepared by EMM dated April 2023; (d) historical archaeological excavations and must be undertaken by a suitably qualified and experienced professional, in accordance with the requirements of the Heritage NSW within the Aboriginal Sites identified within the Aboriginal Cultural Heritage Assessment prepared by EMM dated April 2023.	Principal
B20.	**CC1**	The Cultural Heritage Management Sub-Plan (CHMSP) must address, but not be limited to, the following: (a) suitably qualified and experienced expert(s) are to identify any significant internal and external elements of the buildings that will be demolished for salvage and, if necessary, storage, for reuse as appropriate, including future interpretation opportunities. Removal of any items to be carried out in accordance with specific salvage methodologies provided by the qualified and experienced expert(s); (b) photographic archival records and must: (i) be prepared in accordance with the NSW Heritage Branch guidelines titled Photographic Recording of Heritage Items using Film or Digital Capture; (ii) be of the external and internal areas of the buildings on site and all other items of heritage significance on the site identified in the Statement of Heritage Impact prepared by EJE Heritage dated May 2023; and (iii) must be submitted to Council and the Planning Secretary; (c) historical archaeological excavations and must be undertaken by a suitably qualified and experienced professional, in accordance with the requirements of the Heritage NSW within the areas of archaeological potential identified within the Archaeological Assessment and Statement of Heritage Impact prepared by EJE Heritage dated May 2023.	Contractor
		Construction Flood Emergency Management Plan	
B21.	**CC1**	Prior to the commencement of each construction stage, a Construction Flood Emergency Management Plan, must be prepared by a suitably qualified and experienced person(s) in consultation with NSW State Emergency Services, submitted to the Certifier and a copy to the Planning Secretary for information, including but not limited to: (a) detail on triggers, including rainfall and water level, that require closure of the site; (b) detail on how site closure would be communicated to construction workers, before commencement of the work day; (c) details of drills, frequency and record management of the drills; (d) a map showing the flood-free pedestrian route from each construction site to a suitable location free of inundation; (e) details of any gauges or warning infrastructure that are to be provided to assist with flood management, including frequency of maintenance, and how these will be monitored; (f) identification of suitable locations for evacuation that are free of inundation; and (g) flood warning signs around the site to identify areas with Category H3 hazard and higher, in accordance with the Flood Hazard Flood Risk Management Guide FB03, NSW Department of Planning and Environment and are within the overland flow path.	Principal
		Flood Management	
B22.		Prior to the commencement of construction of Stage 3 as identified in the Preliminary Staging Plan prepared by EJE Architecture dated 25 October 2023, verification from a suitably qualified structural engineer must be provided to the Certifier demonstrating that primary structures have been designed with flood compatible materials and components that withstand the hydrodynamic forces from moving flow and the hydrostatic forces applied by still-water during any period of flood inundation and/or submerging events, as identified in the Structural Response to Submission, prepared by Stantec, dated 21 September 2023.	Contractor
B23.		Prior to the commencement of construction of the relevant stage, the Applicant must provide evidence from a suitably qualified chartered engineer to the Certifier and Planning Secretary confirming that: (a) the habitable floor level of any new building is above the 1% annual exceedance probability (AEP) level and that the development achieves the required flood planning levels and design ground floor levels outlined in Flood Impact Assessment, prepared by BMT and dated 3 May 2023; (b) any part of new buildings below the probable maximum flood (PMF) level are constructed from flood compatible building components; (c) any new buildings have been designed to ensure shelter in place of vulnerable persons is safe and in locations above the PMF level as outlined in the Flood Emergency Response Plan, prepared by BMT and dated 19 October 2023; and (d) any new building has been designed, so that the part of the building that will be used for egress after a flood event will be safe to be used for this purpose after the flood waters recede from the 1% AEP through to PMF flood events described in the Flood Impact Assessment, prepared by BMT and dated 3 May 2023.	Contractor
		Construction Parking	
B24.	**CC1**	Prior to the commencement of any construction, the Applicant must submit a Construction Worker Transportation Strategy to the Certifier. The Strategy must detail the parking facilities to be used by construction workers as identified within the Traffic Impact Assessment prepared by Stantec dated 5 December 2023, or other travel arrangements for construction that would 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 A23. This condition cannot be staged.	Contractor
		Operational Noise - Design of Mechanical Plant and Equipment	
B.25		Prior to installation of mechanical plant and equipment: (a) a detailed assessment of mechanical plant and equipment with compliance with the relevant operational noise levels as recommended in the Noise and Vibration Assessment for SSDA (SSD -41814831) Newcastle Education Campus dated 18 May 2023 and prepared by JHA Services must be undertaken by a suitably qualified person; and (b) evidence must be submitted to the Certifier that any noise mitigation recommendations identified in the assessment carried out under (a) have been incorporated into the design to ensure the development will not exceed the operational noise levels identified in the Noise and Vibration Assessment for SSDA (SSD -41814831) Newcastle Education Campus dated 18 May 2023 and prepared by JHA Services.	Contractor
		Aboriginal Heritage	
B.26	**CC1**	Prior to the commencement of construction, the Applicant must consult with Registered Aboriginal Parties to determine specific requirements and management measures to be used on site during construction, including protection of any objects or items in perpetuity.	Principal
		Operational Waste Storage and Processing	
B27.		Prior to the commencement of construction of waste storage and processing areas, the Applicant must obtain agreement from Council for the design of the operational waste storage area (where waste removal will be undertaken by Council). Where waste removal will be undertaken by a third party, evidence must be provided to the Certifier that the design of the operational waste storage area: (a) is constructed using solid non-combustible materials; (b) is designed to ensure the door/gate to the waste storage area is vermin proof and can be openable from both inside and outside the storage area at all times; (c) includes a water supply with a hose through a centralised mixing valve; (d) is naturally ventilated or an air handling exhaust system must be in place; and (e) includes signage to clearly describe the types of materials that can be deposited into recycling bins and general garbage bins.	Contractor
		Public Domain Improvements	

B28.		Prior to the commencement of construction of any road works or pedestrian infrastructure, the Applicant must submit plans and technical specifications for the following works (to the satisfaction of the relevant roads authority), generally in accordance with the public domain plan provided in the Traffic Impact Assessment prepared by Stantec dated 5 December 2023: (a) the provision of a up to 2.2 metre shared path on Smith Street, from Parkway Avenue to the Multipurpose Facility Entry (Gate 1.1) (b) the replacement of parts of the footpath on Parkway Avenue (c) the provision of footpath connections to new site entries on Smith Street, Parkway Avenue and National Park Street (d) provision of two crossovers on National Park Street (e) the provision of an expanded crossover on Smith Street (f) the provision of additional bus bay and drop-off and pick-up facilities on Parkway Avenue (g) the provision of drop-off and pick-up facilities on Smith Street Notes: • Approval must be obtained for roadworks under section 138 of the Roads Act 1993. • Any proposed changes to on-street traffic and parking including signage must be approved by the Newcastle City Traffic Committee. • All costs associated with the proposed road upgrade works must be borne by the Applicant. • In accordance with Section 4.42 of the Environmental Planning and Assessment Act 1979, an approval under Section of the 138 Roads Act 1993 cannot be refused if it is necessary for carrying out state significant development that is authorised by a development consent and is substantially consistent with the consent.	Contractor
		Operational Access, Car Parking and Service Vehicle Arrangements	
B29.		Prior to the commencement of construction of access facilities, evidence of compliance of the design of vehicle access arrangements with the following requirements must be submitted to the Certifier: (a) the existing 40 on-site car parking spaces being available for use during operation of the development; and (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.	Contractor
		Public Domain Works	
B30.		Prior to the commencement of any footpath or public domain works, the Applicant must consult with Council and demonstrate to the Certifier that the streetscape design and treatment meets the requirements of Council, including addressing pedestrian management. The Applicant must submit documentation of approval for each stage from Council to the Certifier.	Contractor
B31.		Prior to the commencement of any footpath or public domain works, the Applicant must: (a)F finalise thefinal layout and number of the driveways and crossings to the site with any redundant driveways and crossing being replaced with kerb and gutter and footway in accordance with the relevant Council specifications; (b)I investigate the installation of additional street trees on Smith Street, Parkway Avenue and National Park Street, in consultation with Council, and in accordance with the relevant Council specifications. The Applicant must submit documentation of approval from Council to the Certifier.	Contractor
		Site Contamination	
B32.	CC1	Prior to the commencement of construction of the relevant stage, the Applicant must engage a NSW EPAaccredited Site Auditor to provide advice throughout the duration of works to ensure that any work required in relation to soil or groundwater contamination is appropriately managed.	Principal
		Dewatering	
B33.	**CC1**	Prior to the commencement of construction, the Dewatering Management Plan prepared by Douglas Partners dated September 2023 shall be updated in consultation with the Department (DPE Water).	Contractor
B34	**CC1**	The Applicant shall submit the revised Dewatering Management Plan required under B32 to the Planning Secretary for approval, together with suitable evidence the updated Dewatering Management Plan meets the requirements of the Department (Water)	Contractor
		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 (A 1) 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.	Contractor
		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.	Contractor
		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.	Contractor
		Construction Hours	
C4.		Construction, including the delivery of materials to and from the site, may only be carried out between the following hours: . No work may be carried out on Sundays or public holidays.	Contractor
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.	Contractor
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 the Planning Secretary and 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 justification is provided for the works.	Contractor
C7.		Notification of such construction activities as referenced in condition C6 must be given to affected residents before undertaking the activities or as soon as is practical afterwards.	Contractor
C8.		Rock breaking, rock hammering, sheet pilling, 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.	Contractor
		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).	Contractor
		Construction Traffic	
C10.		All construction vehicles (excluding site personnel vehicles) are to be contained wholly within the site, except if located in an approved on-street work zone, and vehicles must enter the site or an approved on-street work zone before stopping.	Contractor
		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.	Contractor
		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.	Contractor
		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.	Contractor
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.	Contractor
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.	Contractor
		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).	Contractor
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.	Contractor
C18.		The limits in condit ions C16 and C17 apply unless otherwise outlined in a Construction Noise and Vibration Management Plan, approved as part of the CEMP required by condition 816 of this consent.	Contractor
		Project Arborist	
C19.		Prior to the commencement of construction of each relevant stage, a project arborist must be engaged to ensure all tree protection measures and works are carried out in accordance with the conditions of this consent. The project arborist must have a minimum Australian Qualification Framework Level 5 qualification and minimum 5 years' experience. Details of the arborist including name, business name and contact details must be provided to the Certifier.	Contractor
		Tree Protection	
C20.		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 construction, or identified for protection within the Addendum to Arborist Report prepared by Joseph Pidutti Consulting Arborist dated 30 November 2023 (revision B), 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 the Aboricultural Impact Assessment prepared by Joseph Pidutti Consulting Arborist and dated 27 September 2023 (revision A) and Addendum to Arborist Report prepared by Joseph Pidutti Consulting Arborist dated 30 September 2023 (revision B); 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.	Contractor
		Air Quality	
C21.		The Applicant must take all reasonable steps to minimise dust generated during all works authorised by this consent.	Contractor
C22.		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.	Contractor
		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.	Contractor
		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.	Contractor
		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.	All Parties
		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 following conceptual design plans provided in the RtS: (i) Stormwater Drainage Plan - Sheet 1, dated 23 June 2023, revision I; (ii) Stormwater Drainage Plan - Sheet 2, dated 22 September 2023, revision O; (iii) Stormwater Drainage Plan - Sheet 3, dated 23 June 2023, revision I; (iv) Stormwater Drainage Plan - Sheet 4, dated 23 June 2023, revision I; (c)include the decommissioning, removal or capping of redundant pipes that discharge into the National Park Branch stormwater channel: (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.	Contractor
		Aboriginal Cultural Heritage	
C27.		Construction must be undertaken in accordance with the recommendations of the Aboriginal Cultural Heritage Assessment Report prepared by EMM dated April 2023.	Principal
		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.	Contractor
		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.	Contractor
		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.	Contractor
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).	Contractor
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.	Contractor
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.	Contractor
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.	Contractor
		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.	Contractor
		Site Contamination	

C36.		Prior to the commencement of any work that would result in the disturbance of potential or contaminated soils, materials, groundwater or sediments, the Applicant must conduct site investigations to confirm the full nature and extent of the contamination at the project area and comply with the following requirements: (a) the site investigations must be undertaken, and the subsequent report(s), must be prepared in accordance with relevant guidelines made or approved by the EPA under section 105 of the Contaminated Land Management Act 1997; (b) the reports must be prepared, or reviewed and approved, by consultants certified under either the Environment Institute of Australia and New Zealand's Certified Environmental Practitioner (Site Contamination) scheme (CEnvP(SC)) or the Soil Science Australia Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) scheme; and (c) the recommendations of the Remedial Action Plan prepared by Douglas Partners dated June 2023.	Contractor
C37.		The unexpected finds procedure within the Remedial Action Plan prepared by Douglas Partners dated June 2023 must be updated following results of further site investigations undertaken in accordance with condition C36 and implemented throughout duration of project work.	Contractor
C38.		Remediation of the site must be carried out in accordance with the Remediation Action Plan prepared by Douglas Partners dated June 2023 and any variations to the Remediation Action Plan approved by an NSW EPA-accredited Site Auditor.	Contractor
C39.		Where remediation is carried out / completed in stages, a NSW EPA-accredited Site Auditor must confirm satisfactory completion of each stage by the issuance of Interim Audit Advice(s).	Contractor
C40.		The Applicant must ensure the proposed development does not result in a change of risk in relation to any pre -existing contamination on the site that would result in significant contamination.	Contractor
		Independent Environmental Audit	
C41.		Independent Audits of the development must be conducted and carried out in accordance within the Independent Audit Post Approval Requirements.	Principal
C42.		Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.	Principal
C43.		The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified in the Independent Audit Post Approval Requirements, upon giving at least 4 week's notice (or timing) to the Applicant of the date upon which the audit must be commenced.	Principal
C44.		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 C41 of this consent, or condition C43 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.	Principal
C45.		Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within two months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approval Requirements unless otherwise agreed by the Planning Secretary.	Principal
C46.		Notwithstanding the requirements of the Independent Audit Post Approval Requirements, the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that an audit has demonstrated operational compliance.	Principal
		Operational Readiness Work	
C47.		Operational readiness work must not commence on site until the following details have been submitted to the Certifier: (a) a plan and description of the area(s) of the site to be used for operational readiness work (including pedestrian access) and areas still under construction (including construction access); (b) the maximum number of staff to be involved in operational readiness work on site at any one time; (c) arrangements to ensure the safety of school staff on the site, including how: (i) areas to be used for operational readiness work will be clearly and securely separated from the areas of the site still under construction; (ii) pedestrian access to and within the site will be managed to ensure no conflict with construction vehicle movements; and (d) access and parking arrangements to minimise impacts on the surrounding street network having regard to number of staff involved in operational readiness work on site at any one time and parking arrangements for construction workers on site.	Contractor
C48.		Operational readiness work must only be undertaken in accordance with the details submitted under condition C47 and the following requirements: (a) no more than 20 staff are involved in operational readiness work; (b) no more than 10 vehicles must access the school related to the operational readiness work; (c) no students or parents are permitted; and (d) the Applicant has implemented appropriate arrangements to ensure the safety of school staff.	Contractor
		Dewatering	
C49.		During construction, should groundwater be intercepted, the Applicant must obtain a Water Access Licence (WAL) under the Water Management Act 2000 unless an exemption under section 21 (6) applies under the Water Management (General) Regulation 2018.	Contractor
C50.		If required, a water supply work approval under the Water Management Act 2000 shall be obtained.	Contractor
C51.		The Applicant must implement the Dewatering Management Plan required under condition B32 including any recommendations or mitigation measures.	Contractor
		PART D PRIOR TO COMMENCEMENT OF OPERATION	
		Notification of Occupation	
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.	Contractor
		External Walls and Cladding	
D2.		Prior to commencement of operation of each relevant stage as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, 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.	Contractor
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.	Contractor
		Works as Executed Plans	
D4.		Prior to the commencement of operation of each relevant stage, as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023,, 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.	Contractor
		Warm Water Systems and Cooling 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.	Contractor
		Outdoor Lighting	
D6.		Prior to the commencement of operation of each relevant stage as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, 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.	Contractor
		Mechanical Ventilation	
D7.		Prior to commencement of operation of each relevant stage as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, 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.	Contractor
		Operational Noise - Design of Mechanical Plant and Equipment	
D8.		Prior to commencement of operation of each relevant stage as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, the Applicant must submit evidence to the Certifier that the noise mitigation recommendations in the assessment undertaken under condition 824 have been incorporated into the design of mechanical plant and equipment to ensure the development will not exceed the recommended operational noise identified in the Noise and Vibration Assessment for SSDA (SSD - 41814831) Newcastle Education Campus dated 18 May 2023 and prepared by JHA Services.	Contractor
		Fire Safety Certification	
D9.		Prior to commencement of occupation of each relevant stage as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, 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.	Contractor
		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. A copy of the Certificate with an electronic set of final drawings (contact approval authority for specific electronic format) must be submitted to the Planning Secretary and the Council after: (a) the site has been periodically inspected and the Certifier is satisfied that the structural works is deemed to comply with the final design drawings; and (b) the drawings listed on the Inspection Certificate have been checked with those listed on the final Design Certificate/s.	Contractor
		Post-construction Dilapidation Report - Protection of Public Infrastructure	
D11.		Prior to the commencement of operation of the final stage as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, 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 85 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.	Contractor
		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.	Contractor
		Road Damage	
D13.		Prior to the commencement of operation of the final stage as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023,, 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.	Contractor
		Pedestrian Crossings	
D14.		Prior to the commencement of operation of Stage 2 as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, the pedestrian crossings on Parkway Avenue identified in the public domain plan provided in the Traffic Impact Assessment prepared by Stantec dated 5 December 2023 must be constructed and available for use. Note: The pedestrian crossing design must be submitted for approval through the Council's Traffic Committee process	Principal
		Roadworks and Pedestrian Infrastructure Upgrades	
D15.		Prior to the commencement of operation of Stage 2 as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, the Applicant must complete the roadwork and pedestrian infrastructure upgrade works under condition B27 to the satisfaction of the relevant roads authority.	Contractor
		Post-Construction Survey - Adjoining Properties	
D16.		Where a pre-construction survey has been undertaken in accordance with condition 87, 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 preconstruction survey to ascertain whether the construction works caused any damage to buildings surveyed in accordance with condition 87; (b) be provided to the owner of the relevant buildings surveyed; (c) be provider to the Certifier; and (d) be provided to the Planning Secretary within 48 hours when requested.	Contractor
D17.		Where the Post-Construction Survey Report determines that damage to the identified property occurred as a result of the construction works, the Applicant must repair, or pay the full costs associated with repairing the damaged buildings, within an agreed timeline between the owner of the identified property and the Planning Secretary. Alternatively, the Applicant may pay compensation for the damage as agreed with the property owner.	Contractor
		Bicycle Parking and End-of-Trip Facilities	
D18.		Prior to the commencement of any operation of each relevant stage as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, compliance with the following requirements for secure bicycle parking and end-of-trip facilities must be submitted to the Certifier: (a) the provision of a minimum 160 visitor/student/staff bicycle parking spaces; (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; (c) the provision of end-of-trip facilities for staff as detailed in the Traffic Impact Assessment prepared by Stantec dated 6 October 2023 (d) the provision of lockers or storage areas in addition to the end-of-trip facilities, relative to the forecasted number of staff cycling to the site; and (e) appropriate pedestrian and cyclist advisory signs are to be provided. Note: All works/regulatory signposting associated with the proposed development shall be at no cost to the relevant roads authority.	Contractor
		School Zones	
D19.		Prior to the commencement of any operation, all required School Zone signage, speed management signage and associated pavement markings along surrounding streets must be installed, inspected by TfNSW and handed over to TfNSW. Note: Any required approvals for altering public road speed limits, design and signage are required to be obtained from the relevant consent authority.	Contractor
D20.		The Applicant must maintain records of all dates in relation to installing, altering and removing traffic control devices related to speed	Principal
		School Transport Plan	
D21.		Prior to the commencement of any operation, a School Transport Plan (STP), must be submitted to the Planning Secretary for approval. The plan must: (a) be prepared by a suitably qualified consultant in consultation with Council and TfNSW; (b) include arrangements to promote the use of active and sustainable transport modes, including: (i) objectives and modes share targets (i.e. Site and land use specific, measurable and achievable and timeframes for implementation); (ii) specific tools and actions to help achieve the objectives and mode share targets, including a travel access guide and car parking management strategy (iii) details regarding the methodology and monitoring/review program to measure the effectiveness of the objectives and mode share targets, including the frequency of monitoring and the requirement for travel surveys to identify travel behaviours of users of the development. (c) include operational transport access management arrangements, including:	Principal
		Archaeological Salvage - Historic Archaeology	
D22.		The Applicant must prepare an archaeological report of the salvage excavation undertaken in accordance with condition B19 and B20. An interim report of the salvage excavation must be provided to the Certifier for information within one month of completion of the salvage work and a final report provided within 12 months of completion of the salvage work or within another timeframe agreed with the Planning Secretary. Copies of the report must also be provided to the Heritage NSW and Council.	Principal
		Utilities and Services	
D23.		Prior to the commencement of operation for any part of the approved development, a Section 50 Certificate under the Hunter Water Act 1991 must be obtained from Hunter Water for the proposed development.	Contractor
		Stormwater Operation and Maintenance Plan	
D24.		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: (a) maintenance schedule of all stormwater quality treatment devices; (b) record and reporting details; (c) relevant contact information; and (d) Work Health and Safety requirements.	Contractor
		Signage	
D25.		Prior to the commencement of operation of the relevant stage as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, way-finding signage and signage identifying the location of staff car parking must be installed.	Contractor
D26.		Prior to the commencement of operation, bicycle way-finding signage must be installed within the site to direct cyclists from footpaths to designated bicycle parking areas.	Contractor
		Operational Waste Management Plan	
D27.		Prior to the commencement of operation of each relevant stage, the Applicant must prepare a Waste Management Plan for the development and submit it to the Certifier. The Waste Management Plan must: (a) detail the type and quantity of waste to be generated during operation of the development; (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); (c) detail the materials to be reused or recycled, either on or off site; and (d) include the Management and Mitigation Measures included in Appendix P of the RtS.	Principal
		Site Contamination	
D28.		If, based on further site investigations undertaken in accordance with condition C36, it is determined that remediation works are required or ongoing on -site management of soil or groundwater contamination is required, then the following requirements must be satisfied: (a) the Applicant must engage a NSW EPA-accredited Site Auditor to confirm the appropriateness of the site for the proposed use. The Applicant must obtain from a NSW EPA-accredited Site Auditor a Section A2 Site Audit Statement accompanied by an Environmental Management Plan prepared by a certified consultant and submit it to the Planning Secretary and relevant Council for information no later than one month before the commencement of operation. (b) the development must not be used for the purpose approved under the terms of this consent until a Site Audit Statement determines the land is suitable for that purpose and any conditions on the Site Audit Statement have been complied with.	Principal
		Landscaping	
D29.		Prior to the commencement of operation of the relevant stage as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, landscaping of the site must be completed in accordance with landscape plans prepared by terras landscape architects listed in condition A2(d).	Contractor
D30.		Prior to the commencement of operation of Stage 2 as identified within the Preliminary Staging Plan prepared by Gyde, dated 25 October 2023, the Applicant must prepare a Landscape Management Plan to manage the revegetation and landscaping on-site and submit it to the Certifier. The plan must: (a) describe the ongoing monitoring and maintenance measures to manage revegetation and landscaping; and (b) be consistent with the Mitigation Measures as revised in the RtS prepared by Gyde dated 27 October 2023.	Contractor
		Operational Flood Emergency Management Plan	

D31.		Prior the commencement of the operation of each relevant stage, an Operational Flood Emergency Management Plan must be submitted to the Certifier that: (a) has been prepared by a suitably qualified and experienced person(s); (b) has been prepared in consultation with NSW State Emergency Service noting the limitations described in the NSW Floodplain Development Manual Appendix N, section N7; (c) incorporates and complies with all advice provided by NSW State Emergency Service at D31 (b); (d) addresses the provisions of the Floodplain Risk Management Guidelines (EHG); (e) incorporates the following: (i) the flood emergency management protocols for operational phase of the development; (ii) a simplified description of flood behaviour, including potential flood levels and associated frequencies within the site and within the adjoining road system and other public land expected to be used by students and visitors; (iii) details strategies such as early or pre-emptive school closure, and other management requirements where relevant and where consistent with SES advice noting that school closure is to be prioritised over shelter in place; (iv) provides clear emergency management triggers and responses, including rainfall and water level, that require closure of the site; (v) details of potential flood warning time and flood notification; (vi) details of shelter-in-place locations, capacity of buildings for shelter-in-place and flood free routes to each shelter-in-place location from main points of the site; (vii) shelter-in-place locations that: • are nominated by a Chartered Professional engineer; • are prepared in consultation with NSW State Emergency Services; • are above the Probable Maximum Flood; • are able to withstand flood and debris forces of the Probable Maximum Flood; and • provide a minimum floor space of 2.5 sqm per person, including students and staff; (viii) identifies clear roles and responsibilities for emergency flood management within the school; (ix) flood warning signs around the site to identify areas with Category H3 hazard and higher, in accordance with the Flood Hazard Flood Risk Management Guide FB03, NSW Department of Planning and Environment and are within the overland flow path; (x) recognise that the NSW SES is the lead combat agency for floods and state that any flood response directive issued by the SES must be followed; (xi) detail the communication strategy, including to staff, parents, students and the community, of site closure before commencement of the school day and during emergency events; (xii) clear requirements that the Plan be regularly reviewed; and (xiii) details of awareness training for employees, contractors, visitors, students and caregivers and induction of new staff members.	Principal
		Heritage Interpretation Plan	
D34.		A Heritage Interpretation Plan to acknowledge the heritage of the site, must be submitted to the Certifier, the plan must: (i) be prepared by a suitably qualified and experienced expert in consultation with the Heritage NSW and Council: (ii) include provision for naming elements within the development that acknowledges the site's heritage, such as the history of the various heritage buildings or potential archaeology uncovered during the works: and (iii) incorporate interpretive information in relation to the use of the site.	Contractor
D32.		A copy of the Flood Emergency Management Plan (required by condition D31) must be provided to the Planning Secretary within 48 hours when requested.	Principal
D33.		The Operational Flood Emergency Management Plan in condition D31 , must be implemented for the lifetime of the development.	Principal
		Structural Inspection Certificate	
D35		Prior to the commencement of operation of each relevant stage, a Structural Inspection Certificate or a Compliance Certificate must be submitted to the Certifier, and submitted to the Planning Secretary for information, which certifies that: (a) the development is structurally adequate for the approved use of the building as a school building; (b) any part of the buildings below the probable maximum flood (PMF) level have been constructed from flood compatible building components; (c) buildings have been constructed to ensure the safe shelter-in-place of vulnerable persons up to the PMF events and after these flood events, until it is safe to leave the buildings, as required by condition B23; and (d) buildings have been constructed so that the part of the building that will be used for egress by those sheltering in place during a PMF event will be safe to be used for this purpose after the flood waters recede from the PMF flood, as required by condition B23	Contractor
D36		A copy of the Certificate(s) required by condition D35, with an electronic set of final drawings (contact approval authority for specific electronic format), must be submitted to the approval authority and the Council after: (a) the site has been periodically inspected and the Certifier is satisfied that the structural works is deemed to comply with the final design drawings; and (b) the drawings listed on the Inspection Certificate have been checked with those listed on the final Design Certificate/s.	Contractor
		APPENDIX 1 ADVISORY NOTES	
		General	
AN1.		All licences, permits, approvals and consents as required by law must be obtained and maintained as required for the development. No condition of this consent removes any obligation to obtain, renew or comply with such licences, permits, approvals and consents.	
		Long Service Levy	
AN2.	**CC1 item 5**	For work costing $250,000 or more, a Long Service Levy must be paid. For further information please contact the Long Service Corporation on 131 441.	Principal / Contractor
		Legal Notices	
AN3.		Any advice or notice to the consent authority must be served on the Planning Secretary.	
		Access for People with Disabilities	
AN4.		The works that are the subject of this application must be designed and constructed to provide access and facilities for people with a disability in accordance with the BCA. Prior to the commencement of construction, the Certifier must ensure that evidence of compliance with this condition from an appropriately qualified person is provided and that the requirements are referenced on any certified plans.	
		Utilities and Services	
AN5.		Prior to the construction of any utility works associated with the development, the Applicant must obtain relevant approvals from service providers.	
AN6.		Prior to the commencement of above ground works written advice must be obtained from the electricity supply authority, an approved telecommunications carrier and an approved gas carrier (where relevant) stating that satisfactory arrangements have been made to ensure provisions of adequate services.	
		Road Design and Traffic Facilities	
AN7.	**Section 138**	All roads and traffic facilities must be designed to meet the requirements of Council or TfNSW (whichever is applicable). The necessary permits and approvals from the relevant road authority must be obtained prior to the commencement of road or pavement construction works.	Contractor
		Road Occupancy Licence	
AN8.		A Road Occupancy Licence must be obtained from the relevant road authority for any works that impact on traffic flows during construction activities.	
		SafeWork Requirements	
AN9.		To protect the safety of work personnel and the public, the work site must be adequately secured to prevent access by unauthorised personnel, and work must be conducted at all times in accordance with relevant SafeWork requirements.	
		Hoarding Requirements	
AN10.		The Applicant must submit a hoarding application to Council for the installation of any hoardings over Council footways or road reserve.	
		Handling of Asbestos	
AN11.		The Applicant must consult with SafeWork NSW concerning the handling of any asbestos waste that may be encountered during construction. The requirements of the Protection of the Environment Operations (Waste) Regulation 2014 with particular reference to Part 7 – 'Transportation and management of asbestos waste' must also be complied with.	
		Speed limit authorisation	
AN12.		At least eight weeks prior to the commencement of operation, the Applicant must submit the following details to TfNSW and obtain authorisation to install School Zone signs and associated pavement markings, and / or removal / relocation of any existing Speed Limit signs: (a) a copy of the conditions of consent; (b) the proposed school commencement/opening date; (c) two sets of detailed design plans showing the following: (i) accurate Site boundaries; (ii) details of all road reserves, adjacent to the Site boundaries; (iii) all proposed access points from the Site to the public road network and any additional conditions imposed/proposed on their use; (iv) all existing and proposed pedestrian crossing facilities on the adjacent road network; (v) all existing and proposed traffic control devices and pavement markings on the adjacent road network (including School Zone signs and pavement markings); and (vi) all existing and proposed street furniture and street trees.	
		Fire Safety Certificate	
AN13.		The owner must submit to Council an Annual Fire Safety Statement, each 12 months after the final Safety Certificate is issued. The certificate must be on, or to the effect of, Council's Fire Safety Statement.	
		APPENDIX 2 WRITTEN INCIDENT NOTIFICATION AND REPORTING REQUIREMENTS	
		Written Incident Notification Requirements	
1		A written incident notification addressing the requirements set out below must be emailed to the Planning Secretary through the major projects portal within seven days after the Applicant becomes aware of an incident. Notification is required to be given under this condition even if the Applicant fails to give the notification required under condition A25 or, having given such notification, subsequently forms the view that an incident has not occurred.	

2		Written notification of an incident must: (a) identify the development and application number; (b) provide details of the incident (date, time, location, a brief description of what occurred and why it is classified as an incident); (c) identify how the incident was detected; (d) identify when the applicant became aware of the incident; (e) identify any actual or potential non-compliance with conditions of consent; (f) describe what immediate steps were taken in relation to the incident; (g) identify further action(s) that will be taken in relation to the incident; and (h) identify a project contact for further communication regarding the incident.	
3		Within 30 days of the date on which the incident occurred or as otherwise agreed to by the Planning Secretary, the Applicant must provide the Planning Secretary and any relevant public authorities (as determined by the Planning Secretary) with a detailed report on the incident addressing all requirements below, and such further reports as may be requested.	
4		The Incident Report must include: (a) a summary of the incident; (b) outcomes of an incident investigation, including identification of the cause of the incident; (c) details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence; and (d) details of any communication with other stakeholders regarding the incident.	

A.15 External Lighting Compliance

JHA

ABN 48 612 666 172

Sydney | Brisbane | Melbourne

Level 20, 2 Market St
Sydney NSW 2000

PO Box Q453
Queen Victoria Building
NSW 1230

Ph (02) 9437 1000

7 March 2024

Blackett Maguire + Goldsmith
Level 1, 138-140 Beaumont Street
Hamilton NSW 2303

CERTIFICATE OF DESIGN – ELECTRICAL SERVICES

SUBJECT PREMISES: Newcastle Education Campus, 160/200 Parkway Avenue, Hamilton South NSW 2303

Pursuant to the provisions of Clause A5.2 of the Building Code of Australia, I hereby certify that the above installation shall be peer reviewed in accordance with the requirements of the Building Code of Australia and relevant Australian Standards. In particular, the design from the subcontractor shall be in accordance with the following:

NCC-2019 Amendment 1	Energy efficiency Part J6, Part J8;
AS1680.2.3:2008	Interior and Workplace Lighting - Specific applications- Educational and training facilities
AS/NZS 2293.1-2018	Exit signage & emergency lighting;
AS3000-2018	Wiring rules;
AS1158.3.1:2005	Lighting for Roads and Public Spaces – Pedestrian area (Category P) lighting
AS4282-2019	Control of the Obtrusive Effects of Outdoor Lighting
Relevant Conditions of the SSD - 41814831	B14 iv)
AS1170.4	Section 8
Fire Engineering Report	301351018-FE-FEBQ-NCE-V01 Version 1, 6th April 2023, Stantec Australia Pty Ltd
Section J Report	220263 NEC New Learning Hub – Section J [B], 14th April 2023, JHA
Section J Report	220263 NEC Multipurpose Facility – Section J [B], 14th April 2023, JHA

Full Name of Designer:	Christopher Taylor
Qualifications:	BE (Electrical) (Hons)
Address of Designer:	Level 20, 2 Market Street Sydney NSW 2000
Business Telephone No:	(02) 9437 1000
Name of Employer:	JHA Consulting Engineers

Yours sincerely,

Christopher Taylor
Senior Electrical Engineer

A.16 Site Layout Plan

Legend of Symbols

- External Perimeter Site Boundary (Type A Fencing)
- Vehicle Gate
- Pedestrian P/A Gate
- HY Statutory Project Site Signage Board
- Laydown Zone
- Site Emergency Evacuation Muster Point
- Internal Site Vehicle Main Path / Road
- Vehicle Access into Project Site
- Vehicle Egress out of Project Site
- Emergency Services Vehicle main Access to / Egress from Project Site
- OH&S First Aid Room with Defrib
- T(m/f) Site Toilets (m=male. f=female)
- L Site Lunchrooms
- HY Site Offices Hansen Yuncken
- CR Site Offices Hansen Yuncken
- Site Container
- Fire Fighting Equipment
- Water Point (non potable)
- Spill Kit
- Evacuation Siren Location
- Main Site Bins / resource recovery
- Site Personnel Entry / Exit / Travel Routes
- Sediment Control Fencing
- Cattle Grate
- Tree Protection Zone
- Tree Protection Zone Fencing
- Hoarding

HY SITE MANAGEMENT & OHS&W PLANNING

Full Site Layout

North

Revision: 3
Rev Date: 15/04/24

160/200 Parkway Avenue, Hamilton South, NSW 2303

NEWCASTLE HIGH SCHOOL REDEVELOPMENT

HANSENYUNCKEN

A.17 Community Consultation Strategy

School Infrastructure NSW

Community Communication Strategy

Newcastle High School redevelopment

(Formerly Newcastle Education Campus)

SSD-41814831

March 2024

Version	Date of Review
1.0	4/04/2024

Contents

Document purpose

School Infrastructure NSW (SINSW) consults and engages with communities and stakeholders throughout the development of a school project. This engagement helps to inform the design of the school project and provides an opportunity to share and address potential constraints and impacts during construction.

A Consultation Report outlining the consultation and engagement during this planning phase of the project is submitted as part of the State Significant Development (SSD) application. This Community Communications Strategy (CCS) provides an overview of how SINSW will continue to communicate and consult with the community during construction of the project.

The Newcastle High School redevelopment (formerly referred to as Newcastle Education Campus) is classified as a State Significant Development, and has been assessed by the Department of Planning, Housing and Infrastructure (DPHI). Consent was provided on Friday 12 January 2024.

To view the SSD, including the Consultation Report, visit the DPHI planning portal at www.planningportal.nsw.gov.au/major-projects/projects/newcastle-education-campus.

This CCS has been developed to Comply with condition B9 of the SSD consent:

Community Communication Strategy

B9. No later than 48 hours prior to the commencement of construction, a Community Communication Strategy must be submitted to the Planning Secretary for information. The Community Communication Strategy must provide mechanisms to facilitate communication between the Applicant, Council and the community (including adjoining affected landowners and businesses, and others directly impacted by the development), during the design and construction of the development, and for a minimum of 12 months following the completion of construction.

The Community Communication Strategy must:

(a) identify people to be consulted during the design and construction phases;
(b) set out procedures and mechanisms for the regular distribution of accessible information about or relevant to the development;
(c) provide for the formation of community-based forums, if required, that focus on key environmental management issues for the development;
(d) set out procedures and mechanisms:
  (i) through which the community can discuss or provide feedback to the Applicant;
  (ii) through which the Applicant will respond to enquiries or feedback from the community; and
  (iii) to resolve any issues and mediate any disputes that may arise in relation to construction and operation of the development, including disputes regarding rectification or compensation.
(e) include any specific requirements around traffic, noise and vibration, amenity, tree retention, heritage.

This CCS outlines SINSW's commitment to:

- Consider and manage stakeholder and community expectations as integral to the successful delivery of the project.
- Inform affected stakeholders, such as the local community or road users about construction activities.
- Enable the open and proactive management of issues and communications.

This CCS will be implemented through the construction phase of the project, and for 12 months following construction completion.

Plan review

The CCS will be revised as required to address any changes in stakeholders or the project management or complaints handling process. This will be done in close consultation with the SINSW Senior Project Director, appointed Project Management company and/or Contractor and SINSW Community Engagement Manager.

Approval

The CCS is reviewed and approved by the SINSW Senior Project Director, in close consultation with relevant members of the Department of Education's School Performance team that may include a Director Educational Leadership or school Principal. Final endorsement is provided by the SINSW Senior Manager, Community Engagement.

Table 1: List of SSD requirements and where they are addressed in this CCS

State Significant Developments SSD-41814831 **B9**	**The Community Communications Strategy addresses this in section**
a) identify people to be consulted during the design and construction phases;	▪ Section 3
b) set out procedures and mechanisms for the regular distribution of accessible information about or relevant to the development;	▪ Section 4
c) provide for the formation of community-based forums, if required, that focus on key environmental management issues for the development;	▪ Section 4
d) set out procedures and mechanisms: *i. through which the community can discuss or provide feedback to the Applicant;* *ii. through which the Applicant will respond to enquiries or feedback from the community;* *iii. to resolve any issues and mediate any disputes that may arise in relation to construction and operation of the development, including disputes regarding rectification or compensation.*	▪ Section 6
e) include any specific requirements around traffic, noise and vibration, tree retention, heritage.	▪ Section 7

1. Context

The Newcastle High School redevelopment includes staged upgrades comprising of:

- demolition (Buildings B, D, E, I, J and P), relocation (Building H) and refurbishment of existing buildings A and K.
- construction of new buildings (new learning hub and multipurpose facility), covered walkways, campus green, drop-off/pick-up, waste and sporting facilities
- tree removal and landscaping
- ancillary works including public domain infrastructure.

For more information on the project, visit the project webpage on the School Infrastructure NSW website.

2. Community engagement objectives

SINSW's goal is that our school infrastructure meets the needs of a growing population and enables flexible learning and teaching. This CCS has been developed to achieve the following community engagement objectives:

a) Promote the benefits of the project

b) Build key school community stakeholder relationships and maintain goodwill with impacted communities

c) Manage community expectations and build trust by delivering on our commitments

d) Provide timely information to impacted stakeholders, schools and broader communities

e) Address and correct misinformation in the public domain

f) Reduce the risk of project delays caused by negative third party intervention

g) Leave a positive legacy in each community.

3. Stakeholders

The stakeholder list below summarises who will be informed and consulted during the construction phase via ongoing face to face meetings, communications collateral and digital engagement methods.

Table 2: Stakeholders

Stakeholders	Interest and involvement
Newcastle High School community ▪ Principal ▪ Teachers ▪ Staff ▪ Parents and carers ▪ Students ▪ Newcastle High School P&C	▪ Construction impacts and how these will be minimised ▪ Safe pedestrian and traffic access to the school ▪ Parking, drop-off and pick-up considerations ▪ Quality of infrastructure and resources upon project completion ▪ How to access the new school once completed ▪ Understanding of the timing for construction, use of the temporary school, and how students will transition from the temporary to the permanent school. ▪ Available play space for students ▪ Awareness of intake area for the new school

Stakeholders	Interest and involvement
Local community Residents and property owners of: ▪ National Park Street ▪ Parkway Avenue ▪ Smith Street ▪ Dumaresq Street	▪ Noise and truck movements during construction ▪ Increased traffic and congestion on nearby streets ▪ Local traffic and pedestrian safety ▪ Traffic conditions during pick-up and drop-off ▪ Shared use of school facilities and amenities
Adjoining affected landowners and businesses ▪ Newcastle No. 2 Sportsground, Smith Street ▪ Newcastle and Hunter Rugby Union, Cnr Parry and Smith Streets ▪ Newcastle Netball Association, Union Street ▪ 1st Merewether Scout Hall, Smith Street ▪ Fearnley Dawes Athletic Centre, 120 Smith Street	▪ Noise and truck movements during construction ▪ Increased traffic and congestion on nearby streets ▪ Local traffic and pedestrian safety ▪ Traffic conditions during pick-up and drop-off ▪ Shared use of school facilities and amenities ▪ Environmental impacts during construction ▪ Public domain upgrades e.g. footpaths
Local Members of Parliament: ▪ Mr (Tim) Timothy Crakanthorp MP, State Member for Newcastle ▪ Ms Sharon Claydon MP, Federal Member for Newcastle	▪ Meeting the economic, social and environmental objectives of state and federal governments ▪ Delivering increased public education capacity on time ▪ Delivering infrastructure which meets expectations ▪ Addressing local issues such as traffic, congestion and public transport solutions
Government agencies and peak bodies: ▪ Transport for NSW ▪ Fire and Rescue NSW ▪ NSW Department of Planning, Housing and Infrastructure ▪ NSW Environmental Protection Authority ▪ NSW Rural Fire Service ▪ Hunter Water ▪ NSW Heritage Council ▪ NSW Department of Premier and Cabinet	▪ Traffic and congestion on the local road system ▪ Adequate public transport options and access ▪ Ensuring new infrastructure meets standard requirements for safety and fire evacuation ▪ Ensuring the development is compliant ▪ Ensuring the development does not impact heritage items ▪ Management of any contamination
Local Council – City of Newcastle ▪ Lord Mayor, Nuatali Nelmes ▪ Councillors ▪ Chief Executive Officer, Jeremy Bath	▪ Schedule for construction and opening of school ▪ Impacts to the local community including noise, congestion and traffic ▪ Shared use of community spaces ▪ Providing amenities to meet increase population density ▪ Copies of information distributed to local residents ▪ Processes and protocols in place to manage

Stakeholders	Interest and involvement
	interactions with local residents
Nearby public schools ▪ Newcastle High School (Cooks Hill campus) ▪ Newcastle East Public School ▪ The Junction Public School ▪ Hamilton South Public School ▪ Merewether Public School ▪ Hamilton Public School	▪ Impact on school resources ▪ Impact on current students ▪ Implications for teaching staff ▪ Possible impacts on enrolments ▪ Opportunities to view the new facilities
Community groups ▪ Newcastle Boys High School Old Boys Association ▪ From Central to Hunter Ex-Students' Association ▪ Newcastle Girls High School Ex-Students Union	▪ Construction impacts and how these will be minimised ▪ Impacts of project on existing infrastructure and public transport capacity ▪ Impacts of project on school heritage and history ▪ Quality of infrastructure and resources upon project completion ▪ How to access the new school once completed ▪ Understanding of the timing for construction ▪ Available play space for students ▪ Awareness of intake area for the new school/changes to intake area for upgrades
Project Status Update Group (names not disclosed) • Project members • School Principal • Director Educational Leadership	• Construction progress • Operational impacts from construction schedule
Registered/Interested Aboriginal Parties • Awabakal Local Aboriginal Land Council • Aboriginal Education Consultative Group • Muloombinbah Local Aboriginal Education Consultative Group • Registered Aboriginal Parties • Members of the local Aboriginal community including Mrs Barbara Greentree, Luke Russell, Cherie Johnson, Dominic Dates, Callan Nickerson, Aunty Belinda Wright, Amy Lalic, Nathan Towney and Madison Piercy.	• Walk on Country, design discussion and Smoking Ceremony prior to the sod turn • Recognition and respect for Aboriginal heritage and culture

4. Engagement approach

The key consideration in delivering successful outcomes for this project is to make it as easy as possible for anyone with an interest to find out what is going on. In practice, the communications approach across all levels of engagement will involve:

a) Using uncomplicated language

b) Taking an energetic approach to engagement

c) Encouraging and educating whenever necessary

d) Engaging broadly including with individuals and groups that fall into harder to reach categories

e) Providing a range of opportunities and methods for engagement

f) Being transparent

g) Explaining the objectives and outcomes of planning and engagement processes.

In addition to engagement with government departments, agencies and Council, community engagement will continue for the project during construction in two streams:

a) School-centric involvement from school communities (including students, parents/caregivers, teachers, administration staff) unencumbered by broader community issues, and

b) Broad community involvement unencumbered by school community wants and needs. Broad community stakeholders include local residents, neighbours and local action groups.

4.1. General community input

Members of the general public impacted by the construction phase are able to enquire, provide feedback and complain about environmental impacts via the following channels:

a) School Infrastructure NSW 1300 community information line (1300 482 651) that is published on all communications material, including project site signage

b) School Infrastructure NSW email address (schoolinfrastructure@det.nsw.edu.au) that is published on all communications material, including project site signage

c) Project webpage 'contact us' form

d) During information booths and information sessions held at the school or local community meeting place, and advertised on our website and via letterbox drops.

Refer to Section 6.5 of this document for detail on our enquiries and complaints process. The contractor contact details for after hours complaints and enquiries are available in the Construction Environment Management Plan which can be found in the Reports section in the project webpage library.

A number of tools and techniques will be used to keep stakeholders and the local community involved as summarised in Table 3 below.

For reference, project high level milestones during the delivery phase include:

a) Site establishment

b) Commencement of main works construction

c) School Term prior to project completion

d) Project completion

e) First day of school following project completion / official opening

Table 3: School Infrastructure NSW Communications Tools

Communications Tool	Description of Activity	Frequency
1300 community information line	The free call 1300 482 651 number is published on all communication materials and is manned by SINSW. All enquiries that are received are referred to the appointed Community Engagement Manager and/or Senior Project Director as required and logged in our CRM. Once resolved, a summary of the conversation is updated in the CRM.	Throughout the life of the project and accessible for 12 months post completion
Advertising (print)	Advertising in local newspapers may be undertaken prior to significant construction activities, major disruptions and opportunities to meet the project team or find out more at a face to face event.	At project milestones
Call centre scripts	High level, project overview information may be provided to external organisations who may receive telephone calls enquiring about the project, most namely stakeholder councils.	Throughout the project when specific events occur or issues are raised by stakeholders
Community contact cards	These are business card size with all the SINSW contact information. The project team / contractors are instructed to hand out contact cards to stakeholders and community members enquiring about the project. Cards are offered to school administration offices as appropriate. Directs all enquiries, comments and complaints through to our 1300 number and School Infrastruture NSW email address.	Throughout the life of the project and available 12 months post completion
CRM database	All projects are created in SINSW's Customer Relationship Management system at project inception. Interactions, decisions and feedback from stakeholders are captured, and monthly reports generated. Any enquiries and complaints are to be raised in the CRM and immediately notified to the Senior Project Director, Project Director and Community Engagement Manager.	Throughout the life of the project and updated for 12 months post completion
Display boards	A0/A1 size full colour information boards to use at info sessions or to be permanently displayed in appropriate places (school admin office for example).	As required
Door knocks	Provide timely notification to nearby residents of upcoming construction works, major impacts such as changes to pedestrian movements, temporary bus stops, expected impacts and proposed mitigation. Provide written information of construction activity and contact details.	As required prior to periods of significant construction impacts
FAQs	Set of internally approved answers provided in response to frequently asked questions. Used as part of relevant stakeholder	Throughout the life of the project

Communications Tool	Description of Activity	Frequency
	and community communication tools. These are updated as required, and included on the website if appropriate.	
Information booths	Information booths are held locally and staffed by a project team member to answer any questions, concerns or complaints on the project. Information booths may be held both at the school/ neighbouring school, as well as for the broader community: a) School information booths are held at school locations at times that suit parents and caregivers, with frequency to be aligned with project milestones and as required. b) Community information booths are usually held at local shopping centres, community centres and places that are easily accessed by the community. They are held at convenient times, such as out of work hours on weekdays and Saturdays. Collateral to be provided include community contact cards, latest project notification or update, with internal FAQs prepared. All liaison to be summarised and loaded in the CRM.	At project milestones and as required
Community information sessions	Information sessions are a bigger event than an info booth, held at a key milestone or contentious period. We have more information on the project available on display boards / screens and an information pack handout – including project scope, planning approvals, any impacts on the school community or residents, project timeline, FAQs. Members from the project and communications team will be available to answer questions about the project. These events occur after school hours on a week day. All liaison summarised and loaded on the CRM.	As required
Information pack	A 4 page A4 colour, fold out flyer that can include information about the project scope, progress, FAQs, timeline and next steps. To be distributed at info sessions or at other bigger events / milestones in hard copy and also made available electronically.	As required
Media releases/events	Media releases are distributed upon media milestones. They promote major project milestones and activities and generate broader community awareness.	Media milestones during construction period may include: a) Planning approval granted b) Construction contract tendered c) Construction contract awarded d) Sod turning opportunity e) Handover / Official

Communications Tool	Description of Activity	Frequency
		opening
Notifications and updates	A4 printed in colour that can include FAQs if required. Notifications are distributed under varying templates with different headings to suit different purposes: a) **Works notification** are used to communicate specific information/ impacts about works, impacts and mitigations. b) **Project update** is used when communicating milestones and higher level information to the wider community i.e. project announcement, concept design, DA lodgement, construction award, completion. Includes the project summary, information booths / sessions if scheduled, progress summary and contact information.	As required according to the construction program. Distributed (refer construction works notification distribution methodology in Section 4.2) via letterbox drop to local residents and via the school community prior to construction activities or other milestones throughout the life of the project. Specific timings indicated in table 5.
Photography and videography	Images may be used in notifications, on the website, at information sessions and in presentations. Once the project is complete, SINSW will organise photography of external and internal spaces to be used for a range of communications purposes.	Project completion (actual photography and video of completed project). Prior to project completion - artist impressions, flythrough, site plans and contruction progress images may be used.
Presentations	Details project information for presentations to stakeholder and community groups.	As required
Priority correspondence	Ministerial (and other) correspondence that is subject to strict response timeframes. Includes correspondence to the Premier, Minister, SINSW and other key stakeholders. SINSW is responsible for drafting responses as requested within the required timeframes.	As required
Project Reference Group	SINSW facilitated Project Reference Group sessions providing information on the design, construction activities, project timeframes, key issues and communication and engagement strategies.	Meets every school term or as required.
Project Status Update Group	The Project Status Update Group (PSUG) commences once construction begins and during Schematic Design. It is a forum for project teams to communicate changes from previous design phases. Its primary purpose is the sharing of information between the project team and school regarding operational impacts from the construction schedule.	Meets in week 6 of every school term once construction has commenced to allow for planning of the following school term

Communications Tool	Description of Activity	Frequency
Project signage	A0/A1 sized, durable aluminium signage will be installed at a suitable location on the construction site fencing. Provides high level information including project scope, project image and SINSW contact information.	Throughout the life of the project and installed for 12 months post completion
Site visits	Demonstrate project works and progress and facilitate a maintained level of interest in the project. Includes media visits to promote the reporting of construction progress.	As required
School Infrastructure NSW email address	Provide stakeholders and the community an email address linking direct to the Community Engagement team. Email address (schoolinfrastructure@det.nsw.edu.au) is published on all communications materials.	Throughout the life of the project
School Infrastructure NSW website	A dedicated project page for Newcastle High School redevelopment is located on the SINSW website – https://www.schoolinfrastructure.nsw.gov.au/projects/n/newcastle-high-school-revdevelopment.html	Updated at least monthly and is live for at least 12 months post completion of the project
Welcome pack/ thank you pack	At project completion the following flyers are utilised: ▪ **Welcome pack** – project completion for school community provided on the first day/week they are returning to school when new facilities are opening, or attending a new school. Includes project overview, map outlining access to the school and key locations, FAQs, contact information. ▪ **Thank you pack** – tailored to the local residents to thank them for their patience and support of the project.	Project completion only

4.2. Construction works notification distribution methodology

Construction works notifications will be distributed to targeted properties in the vicinity of the project. These properties have been identified as part of the technical studies and plans submitted as part of the planning and assessment approval pathway and post approval requirements. Specifically, the notification distribution map at **Figure 1** below has been prepared through an analysis of the potential project impacts and requirements identified in:

- the Noise and Vibration Impact Assessment submitted with the SSD application
- the Traffic Impact Assessment submitted with the SSD application
- the Construction Worker Transportation Strategy
- the Construction Environmental Management Plan, including the:
    - Construction Noise and Vibration Management Sub Plan
    - Construction Traffic and Pedestrian Management Sub Plan.

This methodology has been used to identify the anticipated construction impacts identified for this project. It does not include an arbitrary distribution area due to the robust impact analysis that has been carried out during planning and assessment phase of the project.

The distribution area may be altered:

- to address specific construction activities where the impact/s affect fewer or greater properties, depending on the nature of the work
- where ongoing monitoring shows more widespread impacts to that predicted in the environmental impact assessment
- if complaints are received outside of the distribution area
- if there is an approved project modification in the future that results in more widespread impacts

- at the discretion of School Infrastructure NSW.

Additional project updates and notifications will also be distributed when communicating milestones and higher-level information to the wider community such as construction contract award and project completion. Such updates and notifications may not detail construction impacts and may be distributed to a greater number of addresses to widely publicise the project's achievements.

The below details the nearest sensitive receivers that may be impacted by construction including noise. The properties within all shaded areas including the school will receive notifications for unplanned out of hours works before undertaking the activities or as soon as is practical afterwards. This will also consider residents that may be impacted by heavy vehicle movements and other non site specific impacts (e.g. truck movements).

Figure 1: Map of construction works with notification distribution areas enclosed

Figure 2: Map of vehicle movements

Vehicle routes including National Park Street and Smith Street.

5. Engagement Delivery Timeline

The following engagement delivery timeline maps tailored communications tools and activities by key milestone.

Table 4: Engagement timeline

Project Phase / milestone	Target Audiences	Proposed communication tools / activities / purpose as per Table 3	Timing / implementation
Prior to SSD approval – consultation during planning and design development	All local stakeholders and residents	Consultation Report submitted as part of SSD	Completed
SSD approval – consult community on construction mitigation measures	Local residents	Works notification Distributed through letter box drop	Completed
Site Establishment	Local community, including across the new high school intake area High school community, including principal, teachers, staff, and P&C Adjoining property owners Local Council Member for Newcastle Aboriginal Elders	Project Update, Works Notifications, and Project signage. Distributed through letter box drop, school newsletter and social media. Onsite sod turn event, smoking ceremony	Completed
Main Construction works including but not limited to: a) Remediation (if occurs) b) Works commenced c) Key impact periods – noise, dust, traffic, vibration	Local community, including across the new high school intake area Newcastle High School community, including principal, teachers, staff, P&C and parents/carers Adjoining property owners	Works Notifications, and Project signage. Distributed through letter box drop, school newsletter and social media. Information booth if deemed required.	Throughout construction
Term prior to project completion	Local community, including across the new high school intake area Newcastle High School community, including principal, teachers, staff, and P&C Adjoining property owners Local Council	Project Update, Media Release Distributed through letter box drop, school newsletter and social media Information session, site tours if required by school leadersip.	TBC

Project Phase / milestone	Target Audiences	Proposed communication tools / activities / purpose as per Table 3	Timing / implementation
	PSA and NSW Teachers' Federation		
Handover [and welcome to new school facilities]	Local community, including across the new high school intake area Adjoining property owners Local Council	Project Update, media release Distributed through letter box drop, school newsletter and social media	TBC
Opening of new high school facilities /Completion of project	Local community, including across the new high school intake area New high school community, including principal, teachers, staff, and P&C Newcastle High School community including students, teachers, staff, and parents/carers Adjoining property owners Poplars management QPRC (Customer & Communication Service Manager)	Official opening ceremony, Welcome Pack, Welcome Team, media release Distributed through letter box drop, school newsletter and social media.	TBC
Post-opening, for 12 months following operation	All	Website remains live Project signage remains installed 1300 phone and email still active, and CRM still maintained for complaints and enquiries.	TBC (at least 12 months post construction completion)

6. Protocols

6.1. Media engagement

SINSW manages all media relations activities, and is responsible for:

a) Responding to all media enquiries and instigating all proactive media contact.

b) Media interviews and delegation to SINSW media spokespeople who are authorised to speak to the media on behalf of the project

c) Informing the Minister's Office and SINSW project team members and communications representatives of all media relations activities in advance and providing the opportunity to participate in events where possible.

6.2. Site visits

SINSW, in partnership with the Department of Education Schools Performance, organises and hosts guided project site tours and media briefings as required by the Minister's Office. The Project Team will ensure the required visitor site inductions are undertaken and that all required Personal Protective Equipment (PPE) is worn.

For media site visits and events, SINSW creates, or contributes to, the production of an event pack. This will include an event brief, media release, speaking notes and Q&As.

6.3. Social, online and digital media

SINSW initiates and maintains all social and online media channels. These channels may include the Department's Facebook and Twitter, and SINSW's LinkedIn and website. SINSW will also work to coordinate social media posts with the schools' social media accounts.

6.4. Stakeholder and community notification process

Notification letters or project updates will be distributed to the community and stakeholders in advance of any activity with the potential to cause impacts.

Depending on the work activity and stakeholder, notifications are primarily distributed via letterbox drop, via the school, electronically via email, as well as uploaded to the SINSW project webpage. If appropriate, notification may also be delivered in person via door knocks, or via phone call or text message, or one-on-one briefings.

Notifications will be written in plain English and will:

- outline the reason that the work is required
- outline the location, nature, and duration of the proposed works
- outline date/s of work, where practicable
- outline work hours
- include a diagram that clearly indicates the location of the works, where required
- include a 1300 community contact number, project email address and website details
- Provide details for a translation service, where required.

Table 5 below outlines minimum notification periods that will be targeted for work activities with the potential to impact sensitive receivers. All notification periods prescribed within development approvals or by approving bodies will be adhered to.

Regular construction updates regarding the general work program and significant milestones will also be provided to the school community and neighbouring properties throughout construction.

The contractor will provide SINSW with the information necessary to meet the notification requirements and target timeframes contained, where practicable.

Table 5: Target community notification periods

Notification period	Work activity
Same day (or as soon as practical)	Major incident, emergency works
	Unplanned out of hours work (notification provided to affected residents by the contractor before undertaking the works or as soon as practical)
	Unexpected hazardous material find or incident (e.g. asbestos, lead, chemical spill or other harmful material)
7 days	Start of works or site establishment
	Works outside of the site boundary
	Planned out of hours work or change to approved work hours
	Planned investigation and remediation of hazardous materials including asbestos
	Phase of high noise generating works including demolition, tree removal, rock breaking, rock hammering, piling or similar
	Major traffic or pedestrian access changes including parking impacts, detours, and road diversions/closures
	Operational changes for the school community including to school drop-off points, entry and exit points, bus stops, and play space
3 months	Major impacts to school community, including relocation to temporary school, changes to student intake area or similar

6.5. Enquiries and complaints management

SINSW manages enquiries (*called interactions in our Customer Relationship Management (CRM) software, Darzin*), and complaints in a timely and responsive manner.

Prior to project delivery, a complaint could be related to lack of community consultation, design of the project, lack of project progress, etc.

During project delivery (construction), a complaint is defined as in regards to construction impacts – *such as* – safety, dust, noise, traffic, congestion, loss of parking, contamination, loss of amenity, hours of work, property damage, property access, service disruption, conduct or behaviour of construction workers, other environmental impacts, unplanned or uncommunicated disruption to the school.

If a phone call, email or face-to-face complaint is received during construction, it will be acknowledged within 2 working days and logged in our CRM, actively managed, closed out and resolved by SINSW within 10 days, where practicable. Where complaints are unable to be resolved within this timeframe the complainant will be provided with regular updates regarding the complaint resolution process.

A 24-hour contact number for the project site manager will be displayed at the site and can be shared with the community as necessary for any urgent issues that need to be addressed on site, outside of business hours.

The contractor site manager contact details are available on the project webpage at page 16 of the Construction Environment Management Plan.

As per the project's planning approval conditions, a complaints register is updated monthly, or as required by the planning authority, and is publicly available on the project's webpage on the SINSW website.

If the complainant is not satisfied with SINSW's response, and they approach SINSW for rectification, the process will involve a secondary review of their complaint as per the outlined process.

Complaints will be escalated when:

- An activity generates three complaints within a 24-hour period (separate complainants).
- Any construction site receives three different complaints within a 24-hour period.
- A single complainant reports three or more complaints within a three-day period.
- A complainant threatens to escalate their issue to the media or government representative.
- The complaint was avoidable.
- The complaint relates to a compliance matter.
- The complaint relates to a community safety matter.
- The complaint relates to a property damage claim.

Complaints will be first escalated to the Senior Manager, Community and Engagement or Director of Communications for SINSW as the designated complaints handling management representatives for our projects. Further escalation will be made to the Executive Director, Office of the Chief Executive to mediate if required.

If a complaint still cannot be resolved by SINSW to the satisfaction of the complainant, we will advise them to contact the NSW Ombudsman - https://www.ombo.nsw.gov.au/complaints.

Table 6 below outlines target timeframes for responding to enquiries and complaints, through each correspondence method:

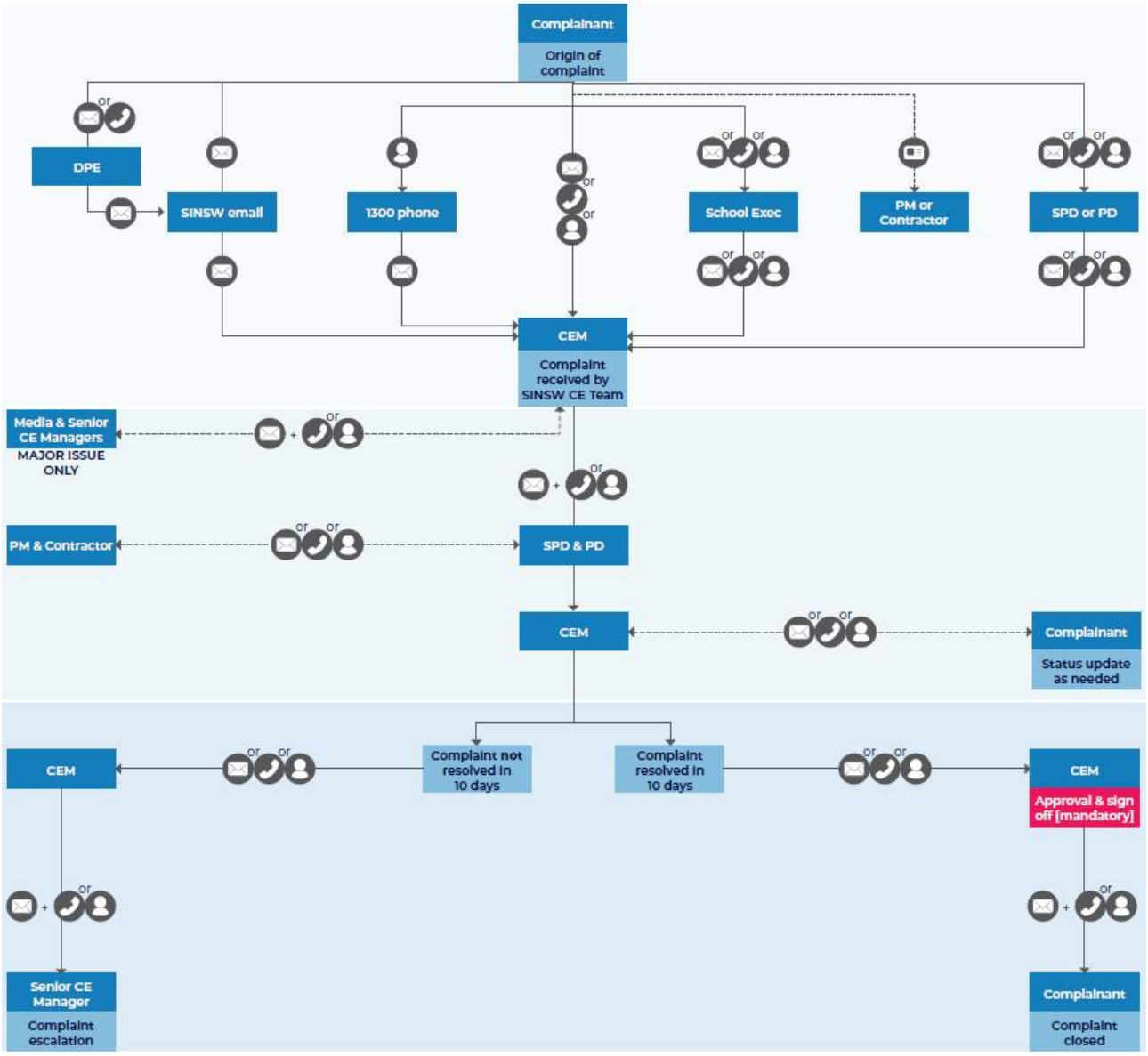
Table 6: Complaint and enquiry response time

Complaint	Acknowledgement times	Response times
Phone call during business hours	At time of call.	Complaint to be closed out within 10 days, where practicable. If not possible, continue contact, escalate internally as required, and provide the complainant with regular updates until resolved.
Phone call after hours*	Within two (2) hours of receiving message upon returning to office.	Complaint to be closed out within 10 days, where practicable. If not possible, continue contact, escalate internally as required, and provide the complainant with regular updates until resolved.
Email during business hours	At time of email (automatic response)	Complaint to be closed out within 10 days, where practicable. If not possible, continue contact, escalate internally as required, and provide the complainant with regular updates until resolved.
Email outside of business hours	At time of email (automatic response)	Complaint to be closed out within 10 days, where practicable. If not possible, continue contact, escalate internally as required, and provide the complainant with regular updates until resolved.
Interaction/ Enquiry		
Phone call during business hours	At time of call.	Interaction to be logged and closed out within 10 days, where practicable.

Complaint	Acknowledgement times	Response times
Phone call after hours	Within two (2) hours of receiving message upon returning to office.	Interaction to be logged and closed out within 10 days, where practicable.
Email during business hours	At time of email (automatic response)	Interaction to be logged and closed out within 10 days, where practicable.
Email outside of business hours	At time of email (automatic response)	Interaction to be logged and closed out within 10 days, where practicable.
Letter	N/A	Interaction to be logged and closed out within 10 days following receipt, where practicable.

The below diagram outlines our internal process for managing complaints.

Figure 3 - Internal Complaints Process



6.5.1. Disputes involving compensation and rectification

School Infrastructure NSW is committed to working with the school and broader community to address concerns as they arise. Where disputes arise that involve compensation or rectification, the process for resolving community enquiries and

complaints will be followed to investigate the dispute. Depending upon the results of the investigation, School Infrastructure NSW may seek legal advice before proceeding.

6.6. Incident management

An incident is an occurrence or set of circumstances that causes or threatens to cause material harm and which may or may not be or cause a non-compliance. Material harm is harm that:

(a) involves actual or potential harm to the health or safety of human beings or to the environment that is not trivial; *or*

(b) results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding $10,000, (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment).

6.6.1. Roles and responsibilities following an incident

In the event of an incident, once emergency services are contacted (if appropriate), the incident must be immediately reported to the SINSW Senior Project Director who will inform:

a) SINSW Director

b) SINSW Community Engagement Manager

SINSW Community Engagement Manager will inform:

a) SINSW Senior Manager, Community Engagement
b) SINSW Communications Director

SINSW Communications Director will:

a) Advise the SINSW Communications Director who will lead and manage all communications with the Minister's office in the event of an incident, with assistance as required

b) Direct all communications with media to the SINSW Media Manager in the first instance for management

c) Notify all other key project stakeholders of an incident.

The SINSW Senior Project Director will issue a written incident notification to Department of Planning, Housing and Infrastructure (DPHI) Planning Secretary immediately following the incident to set out the location and nature of the incident.

This must be followed within seven days following the incident of a written notification to the Department of Planning, Housing and Infrastructure that:

(a) identifies the development and application number;

(b) provides details of the incident (date, time, location, a brief description of what occurred and why it is classified as an incident);

(c) identifies how the incident was detected;

(d) identifies when SINSW became aware of the incident;

(e) identify any actual or potential non-compliance with conditions of consent;

(f) describes what immediate steps were taken in relation to the incident;

(g) identifies further action(s) that will be taken in relation to the incident; and

(h) provides the contact information for further communication regarding the incident.

Within 30 days of the date on which the incident occurred or as otherwise agreed to by the Planning Secretary, SINSW will provide the Planning Secretary and any relevant public authorities (as determined by the Planning Secretary) with a detailed report on the incident addressing all requirements below, and such further reports as may be requested.

The Incident Report must include:

(a) a summary of the incident;

(b) outcomes of an incident investigation, including identification of the cause of the incident;

(c) details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence; and

(d) details of any communication with other stakeholders regarding the incident.

6.7. Reporting process

Throughout the project, data will be recorded on participation levels both face to face and online, a record of engagement tools and activities carried out in addition to queries received and feedback against emerging themes.

Stakeholder and community sentiment will be evaluated throughout to ensure effectiveness of the engagement strategy and to inform future activities.

Reporting will include but not be limited to:

a) Stakeholder engagement reporting – numbers of forums, participation levels and a summary of the outcomes Community sentiment reporting – outputs of all community engagement activities, including numbers in attendance at events, participation levels and feedback received against broad themes

b) Online activity – through the project website.

7. Specific requirements

7.1. Traffic

The construction contractor has developed a Construction Traffic and Pedestrian Management Sub-Plan (CTPMSP) that details the measures that will be implemented to ensure road safety and network efficiency during construction. The CTPMSP includes the following measures:

- Site personnel will be stationed at the site entry and exit gates to ensure pedestrian safety and manage and assist construction vehicles entering to and exiting from the site.
- Road signage will be installed along surrounding streets to warn drivers approaching the site location of construction vehicles entering and exiting the site.
- Construction vehicles will radio/call the site office on approach to ensure a loading area is available within the site.
- All loading and unloading activities will be undertaken within the work site.
- Major deliveries will be scheduled to avoid the school peak drop-off and pick-up times.
- Heavy vehicle drivers will be required to adhere to the nominated transport routes.
- Drivers will be asked to leave the site in a suitable traffic gap (vehicles already on the public road have the right-of-way and must not be stopped).
- Construction workers will be encouraged and expected to use public transport to travel to/from the site. This will be incorporated in the workers induction program at the beginning of the construction period.

7.2. Noise and vibration

All works will be conducted in accordance with the project's Construction Noise and Vibration Management Sub-Plan (CNVMSP). 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.
Provided noise levels do not exceed the existing background noise level plus 5 decibels, works may also be undertaken during the following hours:

c) between 6pm and 7pm, Mondays to Fridays

d) between 1pm and 4pm, Saturdays

Construction activities may be undertaken outside of the hours in condition C4 and C5 if required:

(e) by the Police or a public authority for the delivery of vehicles, plant or materials; or

(f) in an emergency to avoid the loss of life, damage to property or to prevent

(g) environmental harm; or

(h) where the works are inaudible at the nearest sensitive receivers; or

(i) for the delivery, set-up and removal of construction cranes, where notice of the

(j) crane-related works is provided to the Planning Secretary and affected residents at

(k) least seven days prior to the works; or

(l) by the relevant roads authority or utilities service provider in order to minimise

(m) disruption to the roadway or essential services, where the related works have been

(n) provided to the Planning Secretary and affected residents at least seven days prior

(o) to the works; or

(p) where a variation is approved in advance in writing by the Planning Secretary if appropriate justification is provided for the works.

Notification of such construction activities will be given to affected residents before undertaking the activities or as soon as is practical afterwards.

Rock breaking, rock hammering, sheet piling, pile driving and similar activities will only be carried out between the following hours:

- 9am to 12pm, Monday to Friday;
- 2pm to 5pm Monday to Friday; and
- 9am to 12pm, Saturday.

The development will 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 will be implemented and any activities that could exceed the construction noise management levels will be identified and managed in accordance with the management and mitigation measures identified in the approved CNVMSP.

7.3. Amenity

All works will be undertaken in accordance with the project's Construction Environmental Management Plan (CEMP) that details measures to manage dust and odour to protect the amenity of the neighbourhood.

All construction facilities at the site will be designed and operated to minimise the emission of smoke, dust, cement dust, plant and vehicle exhausts, and other substances into the atmosphere. Construction methods will be used that minimise air pollution.

Dust from construction works will be hosed down with water as required. Construction vehicles leaving the site will cover their loads and will be washed down to prevent tracking dust and mud from the site. Power tools will be fitted with dust collection devices where practical.

In compliance with Development condition E13, should outdoor lighting result in any residual impacts on the amenity of surrounding sensitive receivers, SINSW will provide mitigation measures in consultation with affected landowners to reduce the impacts to an acceptable level. Visual amenity impacts will be limited during construction via the installation of appropriate site fencing and adherence to site housekeeping procedures.

7.4. Flora and fauna

SINSW is committed to ensuring construction work has a minimal impact upon fauna and vegetation on site.
SINSW will comply with all Development Consent Conditions relating to the protection of fauna and vegetation and all relevant mitigation measures listed in the project's Environmental Impact Statement (EIS).

The project's CEMP details the measures to be taken for the protection and management of fauna and vegetation, and has been prepared in accordance with relevant guidelines and performance indicators.

Trees will not be trimmed or removed without appropriate statutory approval. A qualified and experienced arborist will complete all vegetation removal and trimming.

Trees and vegetation that must be preserved will be fenced-off, marked or otherwise isolated to ensure they are not inadvertently damaged as per the recommendations of the Arborist Report Rev A, dated 27 September 2023 and Addendum to Arborist Report dated 30 November 2023 and prepared by Joseph Pidutti Consulting Arborist.

Any trenching or construction works unavoidably undertaken within Tree Protection Zones will be witnessed, supervised and recorded by an AQ5 qualified arborist who will specify any works to be undertaken to avoid or remediate damage to trees.

On completion of the works, all areas disturbed by construction activities shall be restored to the contract specifications. Where required and practical, efforts will be made to mulch and re-use vegetation on site or send it to a green waste recycling facility.

7.5. Soil and water

SINSW is committed to the appropriate management of soil and water on the construction site. SINSW will comply with all Development Consent Conditions relating to soil and water management and will comply with all relevant mitigation measures listed in the Environmental Impact Statement (EIS).

The CEMP for the project includes a Construction Soil and Water Management Sub-Plan (CSWMSP) which details measures for the management of soil and water. It has been prepared in accordance with relevant guidelines and performance indicators. The CSWMSP:

- describes erosion and sediment control measures to be implemented during construction
- provides a plan of how construction works will be managed in wet-weather events
- details flows from the site to surrounding area
- describes the measures to be taken to manage stormwater and flood flows for small and large sized events.

Erosion and sediment controls will be installed and maintained in accordance with the “Blue Book” – Managing Urban Stormwater: Soils and Construction (4th edition). These controls will be implemented prior to the start of any other site disturbance works.

Care will be taken to prevent sediment run-off into neighbouring lots and stormwater systems. This includes installing silt fences to site boundaries, as required, and fixing geotextile fabric to the temporary construction fencing for any downhill boundaries. Stormwater inlets will be covered with geotextile fabric to ensure no sediment enters the system.
Vehicle access will be controlled to prevent sediment being tracked. An all-weather driveway to access the site will be maintained.

Only approved soil and imported fill types will be used onsite in accordance with the consent conditions. Accurate records will be kept on the volume and type of fill used onsite. Any collected silt will be disposed of in accordance with the relevant codes and standards.

Regular inspections, repairs and cleaning will be carried out of the silt fences to the boundaries, stockpiles, wastes enclosers and of the stockpile covers.